

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117475.D
 Acq On : 22 Oct 2019 13:46
 Operator : JU
 Sample : PB124054BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 14:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	43650	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	197543	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	105285	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	167490	20.00	ng	0.00
76) Chrysene-d12	13.90	240	118709	20.00	ng	0.00
87) Perylene-d12	15.33	264	97027	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	361440	123.19	ng	0.02
7) Phenol-d6	6.39	99	474388	120.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	250328	62.56	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	101266	111.16	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	456612	61.11	ng	0.00
79) Terphenyl-d14	12.83	244	446679	61.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	51304	41.589	ng	# 96
3) Pyridine	3.26	79	115301	38.181	ng	97
4) n-Nitrosodimethylamine	3.19	42	50666	46.247	ng	98
6) Aniline	6.40	93	161117	34.825	ng	# 27
8) 2-Chlorophenol	6.53	128	146215	47.226	ng	95
9) Benzaldehyde	6.29	77	93234	52.543	ng	97
10) Phenol	6.40	94	185823	46.201	ng	91
11) bis(2-Chloroethyl)ether	6.47	93	135979	45.707	ng	99
12) 1,3-Dichlorobenzene	6.67	146	148774	43.061	ng	98
13) 1,4-Dichlorobenzene	6.75	146	150273	42.875	ng	94
14) 1,2-Dichlorobenzene	6.90	146	144285	43.672	ng	98
15) Benzyl Alcohol	6.89	79	132078	46.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	138525	43.164	ng	70
17) 2-Methylphenol	7.00	107	122465	48.084	ng	96
18) Hexachloroethane	7.24	117	57807	42.256	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	110580	45.947	ng	96
20) 3+4-Methylphenols	7.16	107	158508	47.468	ng	# 81
22) Acetophenone	7.15	105	214323	40.858	ng	96
24) Nitrobenzene	7.32	77	167942	43.820	ng	95
25) Isophorone	7.56	82	306560	44.287	ng	99
26) 2-Nitrophenol	7.64	139	76412	44.703	ng	97
27) 2,4-Dimethylphenol	7.68	122	128063	50.131	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	181234	42.430	ng	99
29) 2,4-Dichlorophenol	7.89	162	120228	44.871	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	119615	41.600	ng	99
31) Naphthalene	8.04	128	423126	43.213	ng	99
32) Benzoic acid	7.84	122	69459	39.697	ng	95
33) 4-Chloroaniline	8.09	127	108015	26.139	ng	98
34) Hexachlorobutadiene	8.15	225	67909	40.804	ng	98
35) Caprolactam	8.47	113	21878	25.418	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	138891	45.451	ng	100
37) 2-Methylnaphthalene	8.73	142	290200	43.984	ng	98
38) 1-Methylnaphthalene	8.83	142	275310	44.406	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	111017	39.149	ng	98

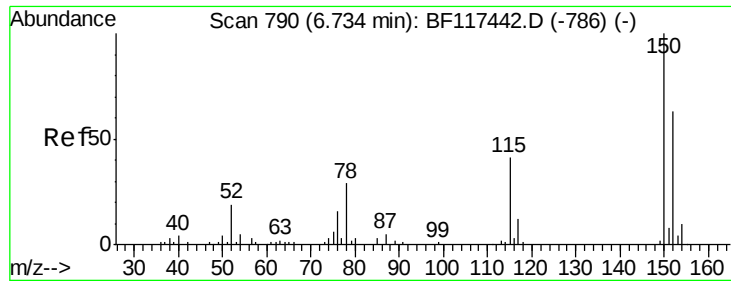
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117475.D
 Acq On : 22 Oct 2019 13:46
 Operator : JU
 Sample : PB124054BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 14:48:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	63787	81.814	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	74849	42.149	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	79151	43.986	nq	96
46) 1,1'-Biphenyl	9.19	154	342876	39.338	nq	98
47) 2-Chloronaphthalene	9.22	162	263399	40.080	nq	100
48) 2-Nitroaniline	9.32	65	87628	40.617	nq	92
49) Acenaphthylene	9.63	152	413743	42.862	nq	99
50) Dimethylphthalate	9.49	163	313931	41.826	nq	100
51) 2,6-Dinitrotoluene	9.56	165	67910	43.358	nq	95
52) Acenaphthene	9.80	154	245667	41.481	nq	98
53) 3-Nitroaniline	9.73	138	50520	26.584	nq	92
54) 2,4-Dinitrophenol	9.86	184	45233	70.383	nq	93
55) Dibenzofuran	9.97	168	365578	42.606	nq	98
56) 4-Nitrophenol	9.92	139	71425	81.565	nq	86
57) 2,4-Dinitrotoluene	9.97	165	89568	43.012	nq	94
58) Fluorene	10.32	166	299440	42.201	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	63123	44.632	nq	99
60) Diethylphthalate	10.19	149	323581	42.623	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	131514	41.312	nq	99
62) 4-Nitroaniline	10.36	138	64495	36.006	nq	99
63) Azobenzene	10.47	77	339404	43.672	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	37232	43.722	nq	94
66) n-Nitrosodiphenylamine	10.43	169	261851	42.765	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	75135	41.648	nq	99
68) Hexachlorobenzene	10.87	284	77555	40.141	nq	# 86
69) Atrazine	10.96	200	83082	53.331	nq	98
70) Pentachlorophenol	11.07	266	62670	108.202	nq	98
71) Phenanthrene	11.28	178	409816	42.138	nq	98
72) Anthracene	11.33	178	432867	43.378	nq	99
73) Carbazole	11.49	167	388871	42.642	nq	99
74) Di-n-butylphthalate	11.81	149	528846	43.401	nq	100
75) Fluoranthene	12.47	202	417289	42.860	nq	98
77) Benzidine	12.59	184	190869	74.739	nq	99
78) Pyrene	12.70	202	420556	41.245	nq	99
80) Butylbenzylphthalate	13.30	149	213681	42.113	nq	98
81) Benzo(a)anthracene	13.89	228	334149	41.730	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	81839	32.571	nq	98
83) Chrysene	13.93	228	327723	41.760	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	315736	44.422	nq	96
85) Di-n-octyl phthalate	14.48	149	511974	46.849	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	227522	38.832	nq	99
88) Benzo(b)fluoranthene	14.92	252	254724	44.458	nq	98
89) Benzo(k)fluoranthene	14.95	252	271775	46.280	nq	97
90) Benzo(a)pyrene	15.27	252	226474	43.475	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	194733	43.232	nq	98
92) Benzo(g,h,i)perylene	17.16	276	184529	43.297	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

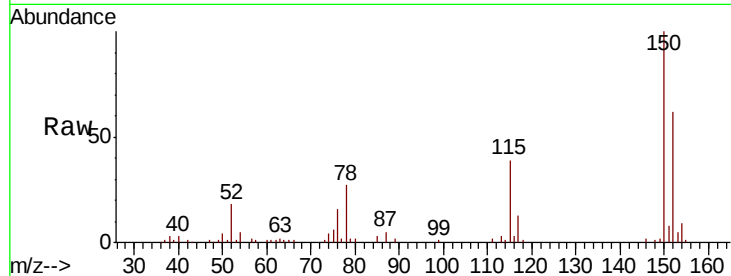


#1

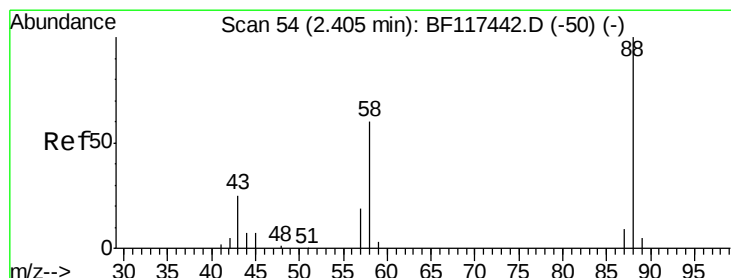
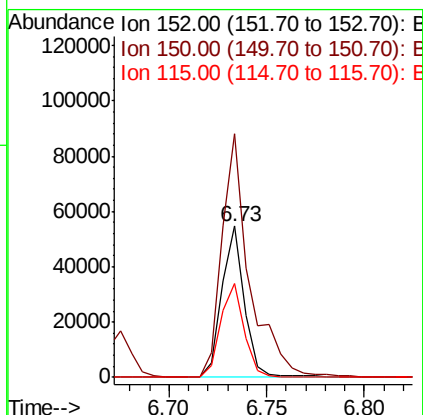
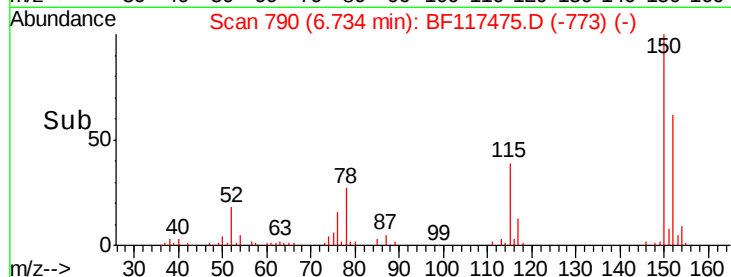
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 43650
Ion Ratio Lower Upper
152 100
150 161.3 126.8 190.2
115 62.5 51.6 77.4



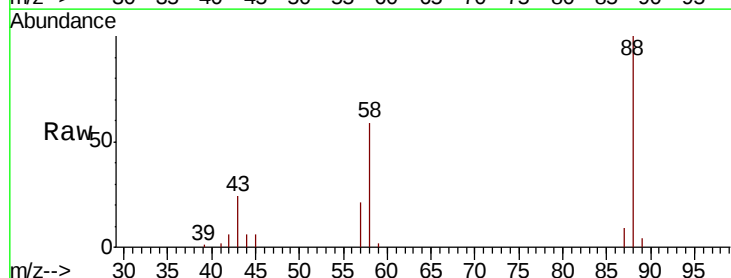
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



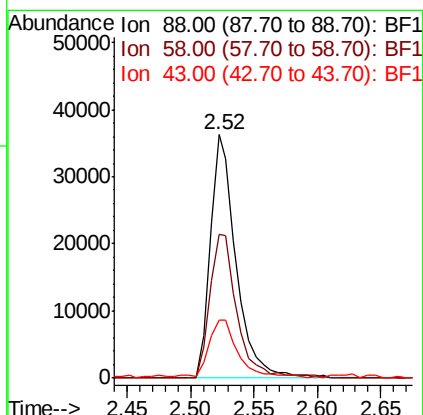
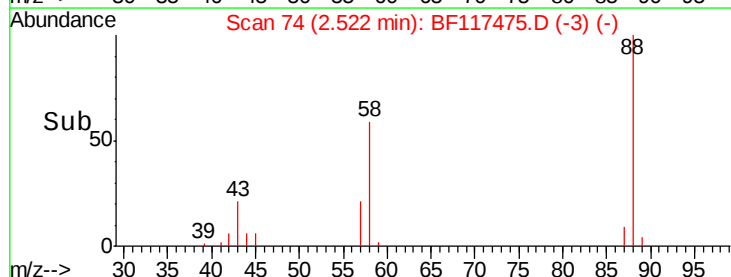
#2

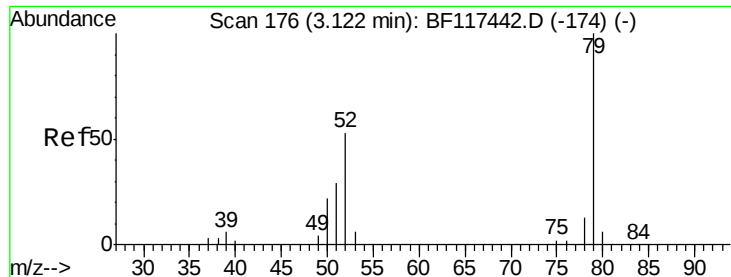
1,4-Dioxane
Concen: 41.589 ng
RT: 2.52 min Scan# 74
Delta R.T. 0.12 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion: 88 Resp: 51304
Ion Ratio Lower Upper
88 100
58 62.7 48.8 73.2
43 27.9 18.5 27.7#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.181 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.14 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

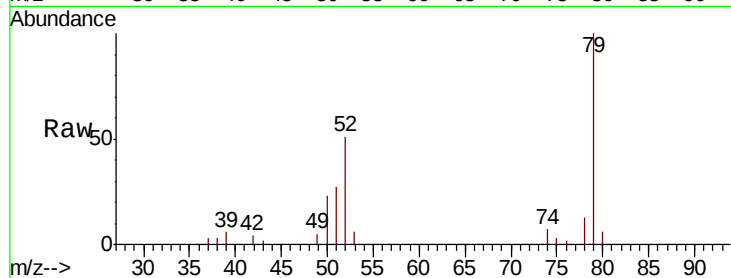
Tot Ion: 79 Resp: 115301

Ion Ratio Lower Upper

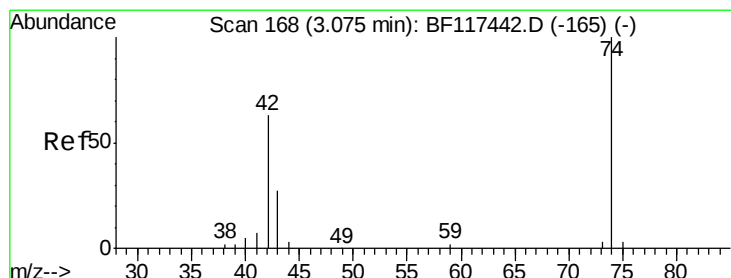
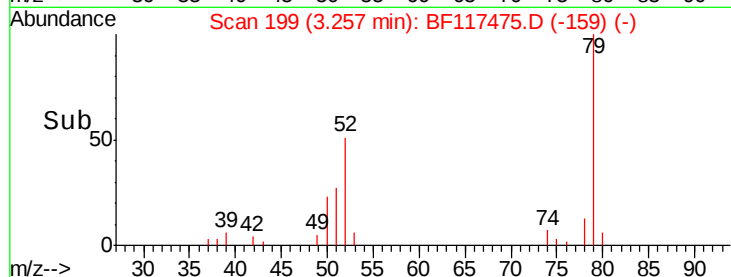
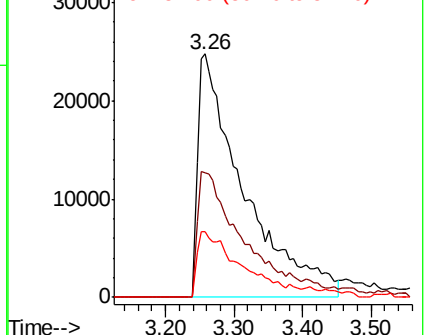
79 100

52 51.0 42.4 63.6

51 27.0 23.3 34.9



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 46.247 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.12 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

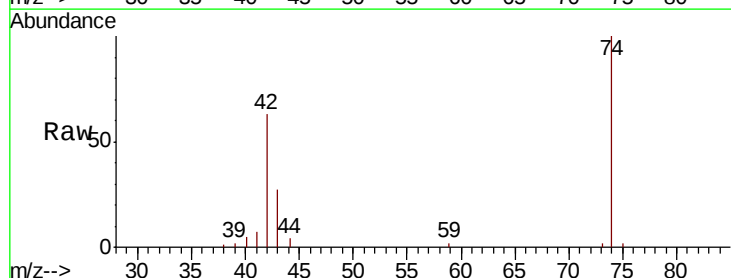
Tgt Ion: 42 Resp: 50666

Ion Ratio Lower Upper

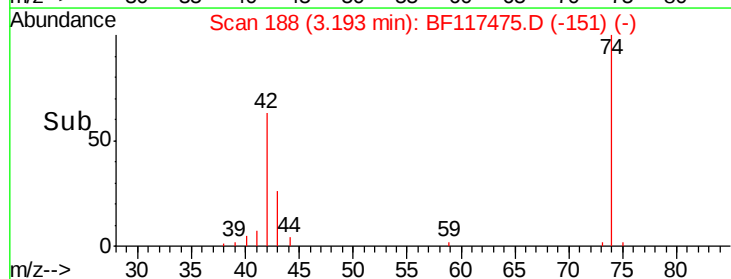
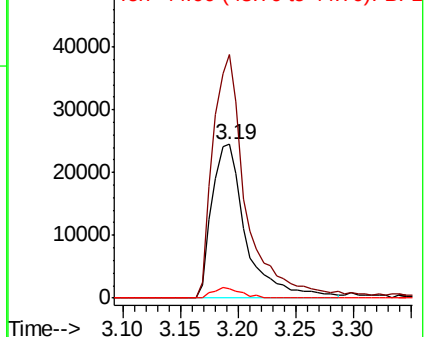
42 100

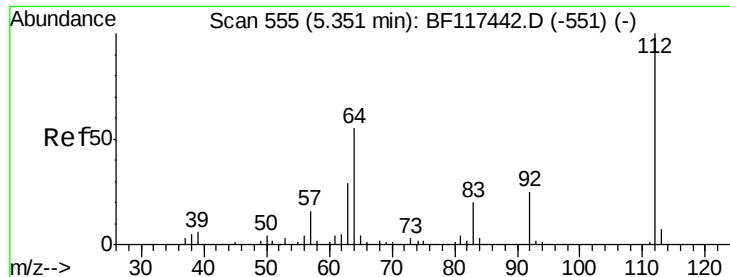
74 158.4 124.2 186.4

44 5.8 4.2 6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 123.188 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampled :

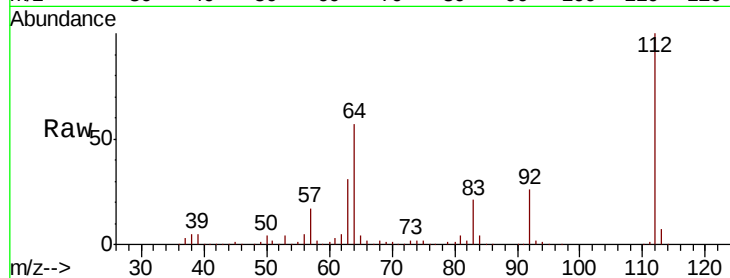
Tot Ion: 112 Resp: 361440

Ion Ratio Lower Upper

112 100

64 57.3 44.1 66.1

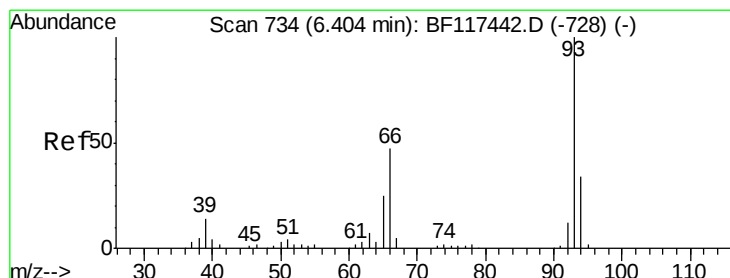
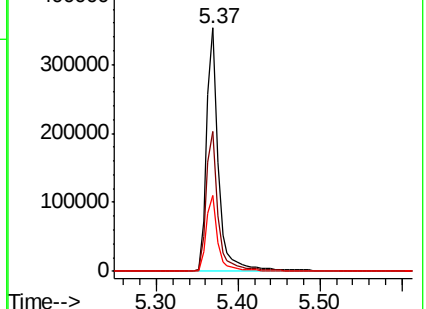
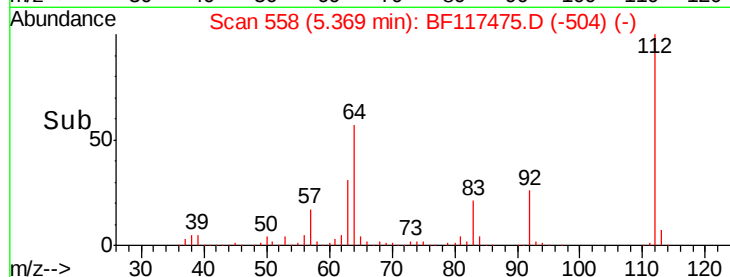
63 31.4 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.825 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

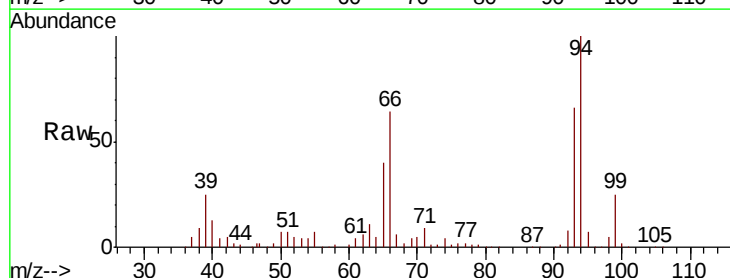
Tgt Ion: 93 Resp: 161117

Ion Ratio Lower Upper

93 100

66 98.0 38.7 58.1#

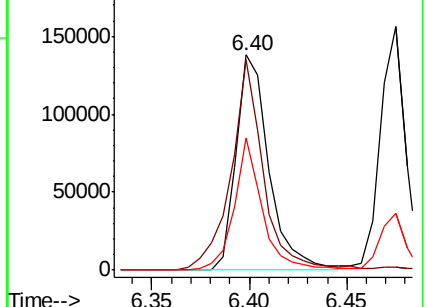
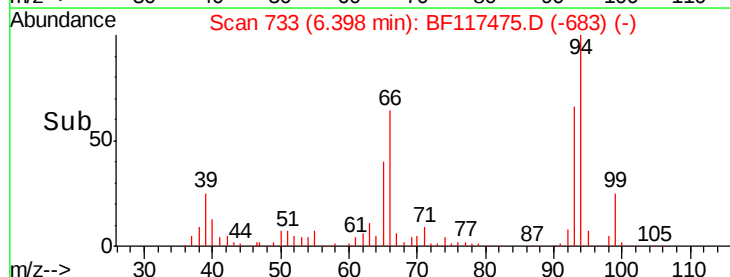
65 61.5 20.1 30.1#

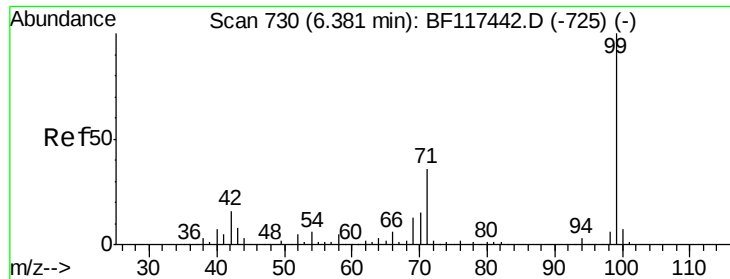


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.380 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

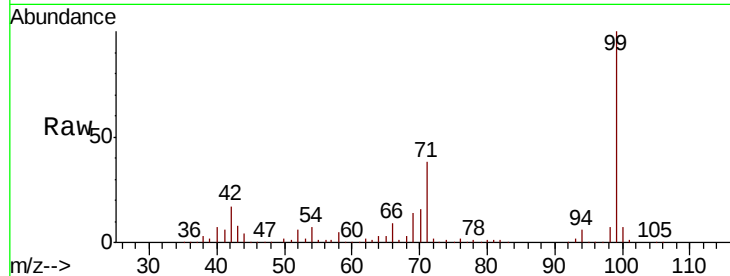
Tot Ion: 99 Resp: 474388

Ion Ratio Lower Upper

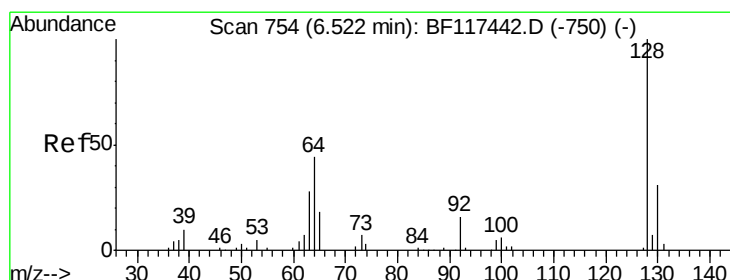
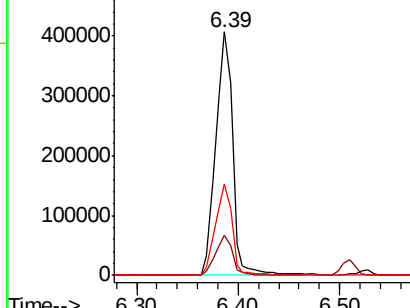
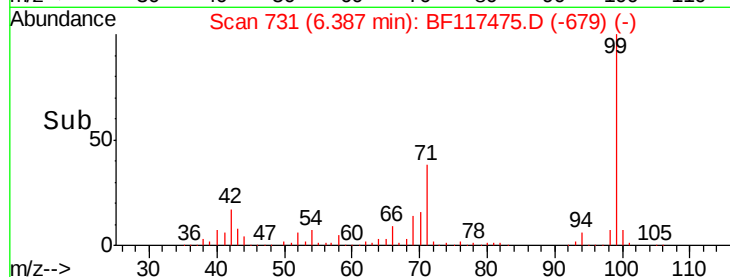
99 100

42 16.6 12.8 19.2

71 37.7 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.226 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

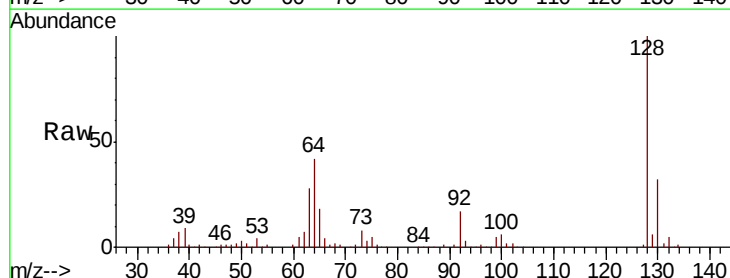
Tgt Ion:128 Resp: 146215

Ion Ratio Lower Upper

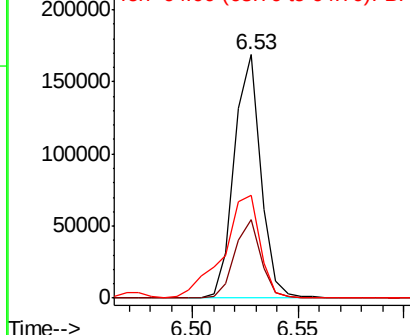
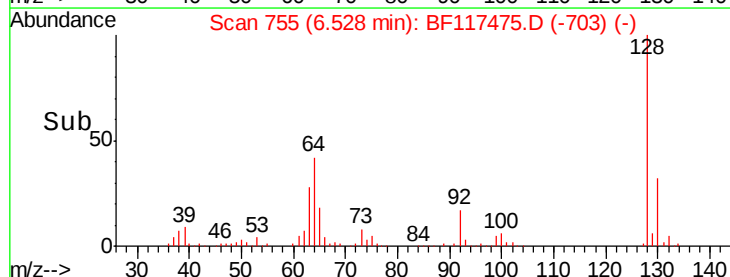
128 100

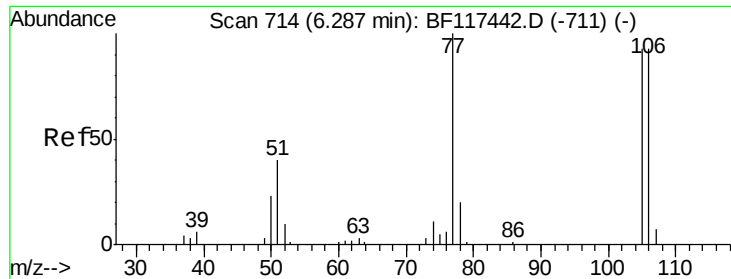
130 32.2 11.1 51.1

64 42.3 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

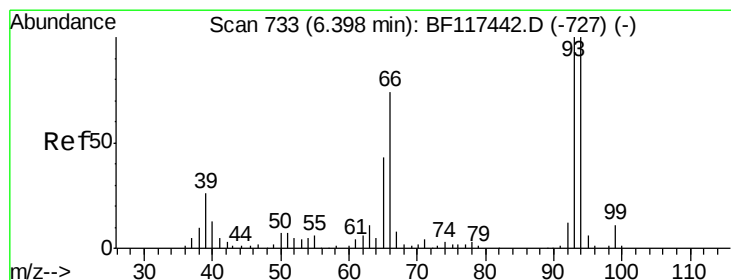
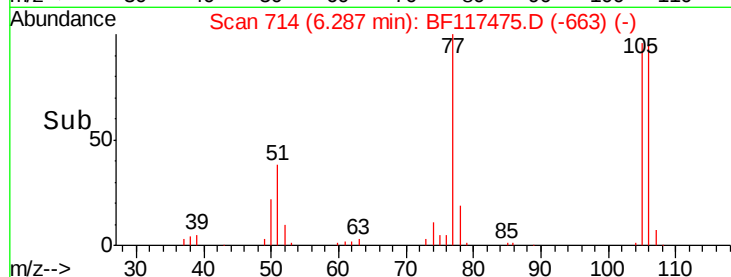
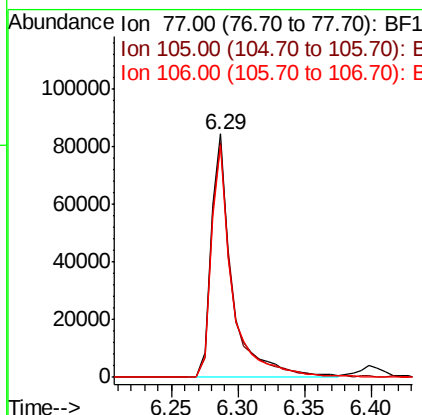
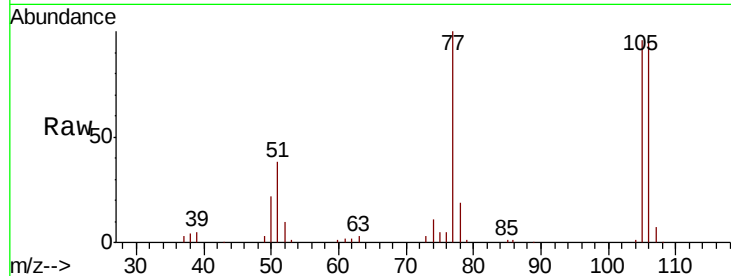




#9
Benzaldehyde
Concen: 52.543 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

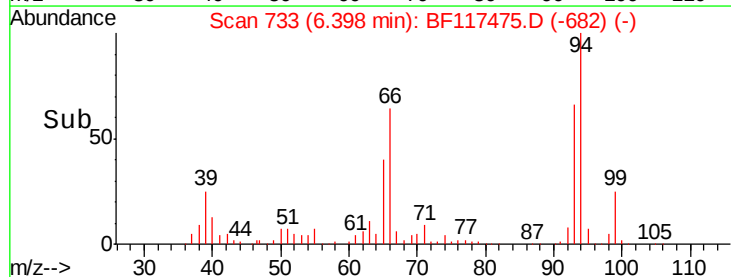
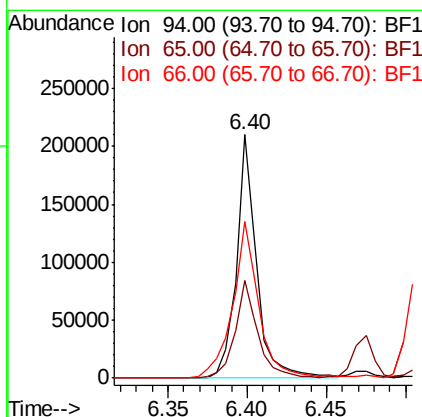
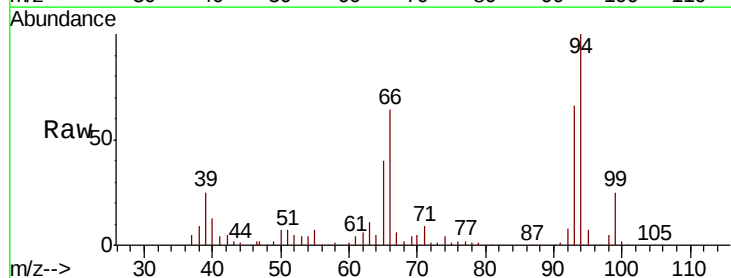
Instrument :
BNA_F
ClientSampleId :

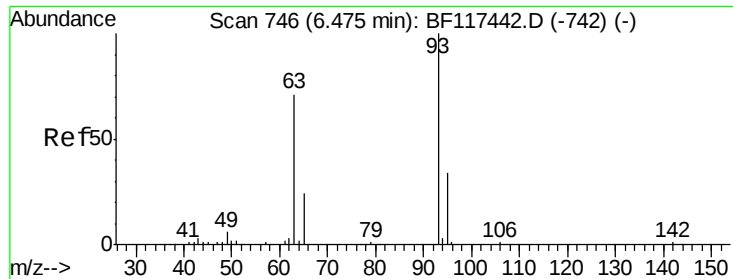
Tot Ion: 77 Resp: 93234
Ion Ratio Lower Upper
77 100
105 96.4 73.4 113.4
106 95.4 73.0 113.0



#10
Phenol
Concen: 46.201 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion: 94 Resp: 185823
Ion Ratio Lower Upper
94 100
65 40.4 23.4 63.4
66 64.4 54.7 94.7

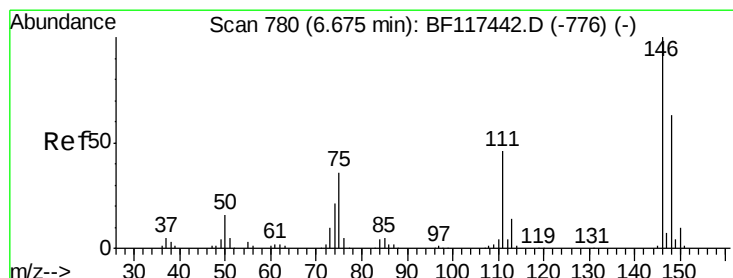
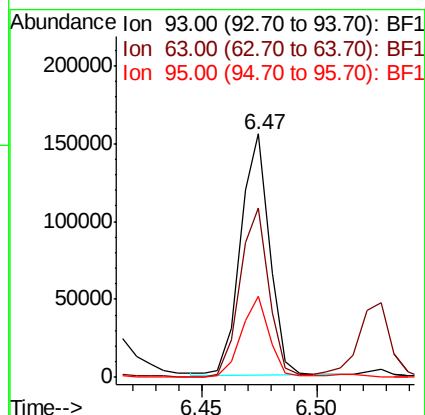
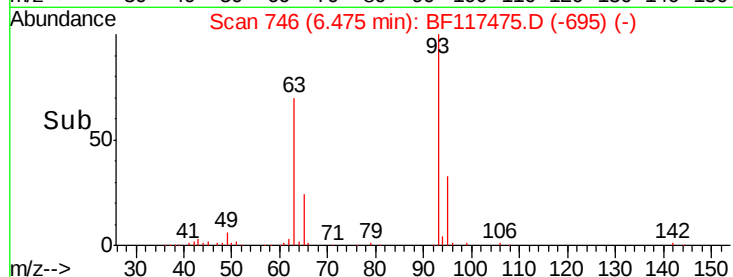
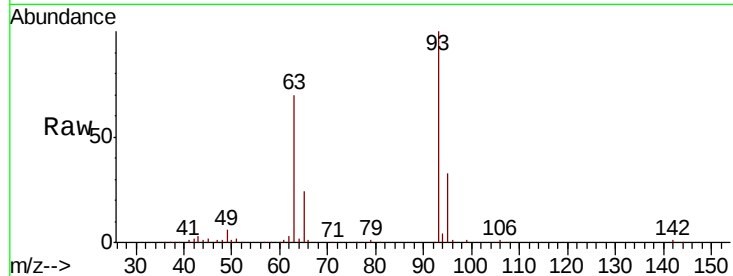




#11
bis(2-Chloroethyl)ether
Concen: 45.707 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

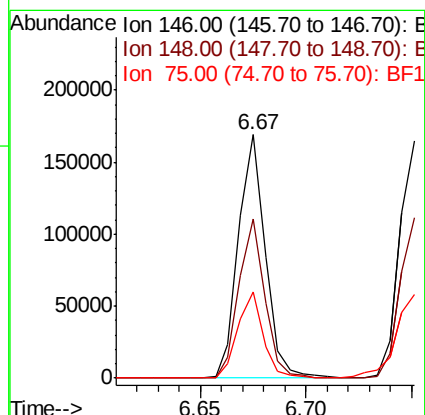
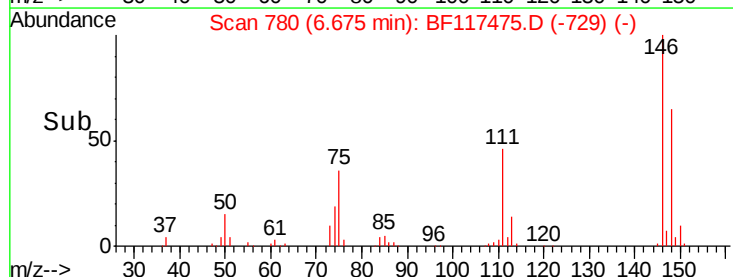
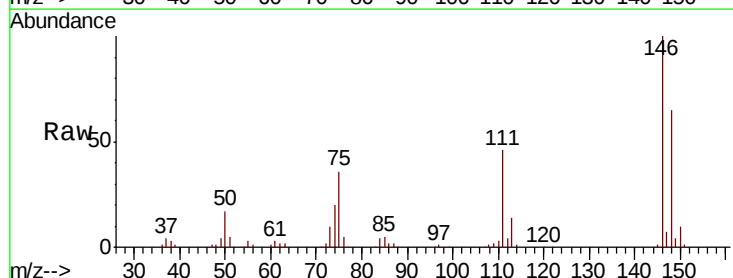
Instrument :
BNA_F
ClientSampleId :

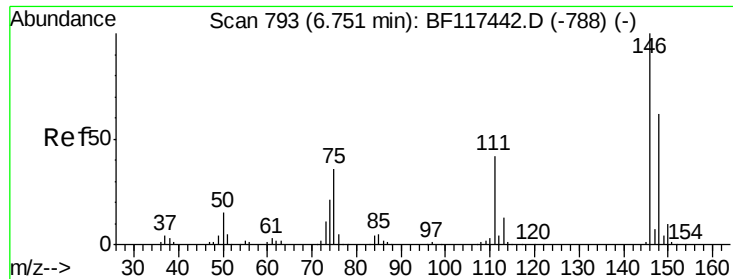
Tot Ion: 93 Resp: 135979
Ion Ratio Lower Upper
93 100
63 69.7 50.2 90.2
95 33.1 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 43.061 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion: 146 Resp: 148774
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 35.6 28.6 43.0

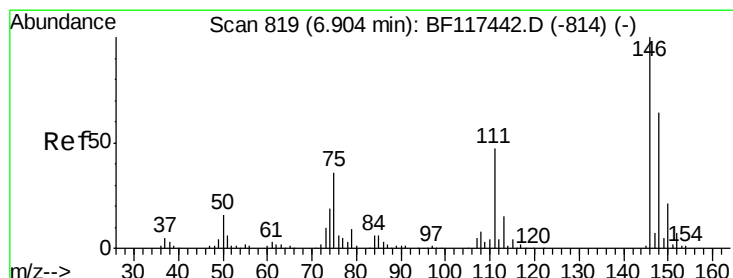
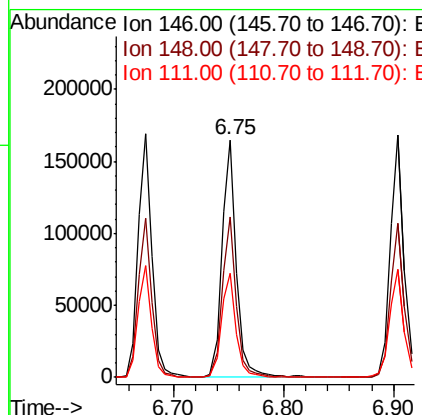
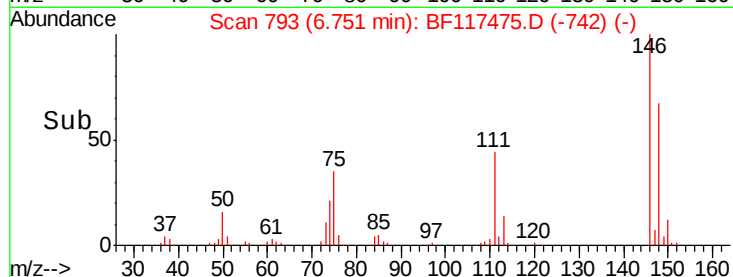
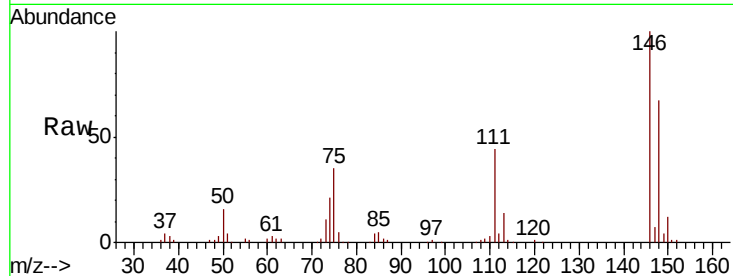




#13
 1,4-Dichlorobenzene
 Concen: 42.875 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

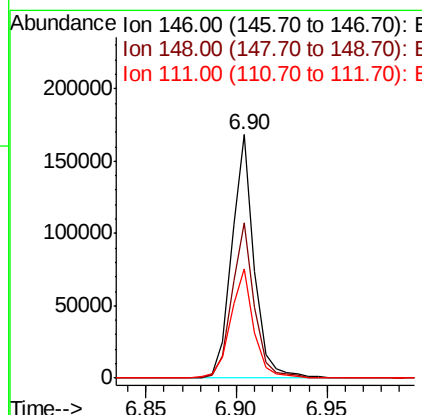
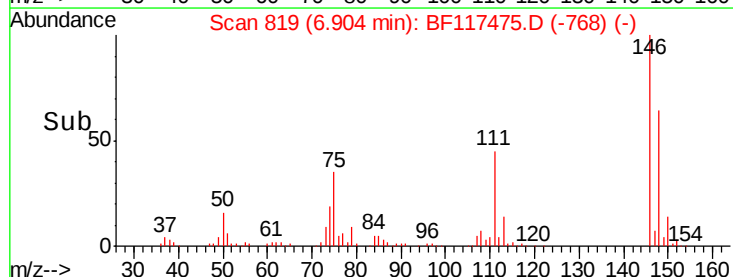
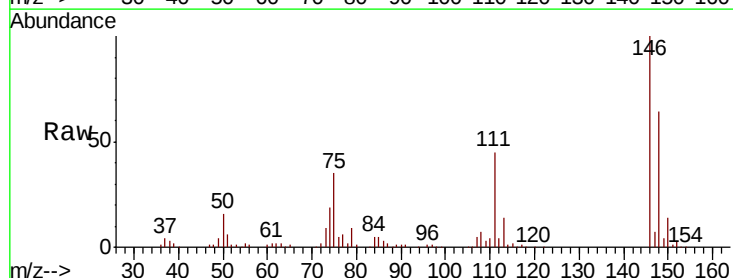
Instrument :
 BNA_F
 ClientSampled :

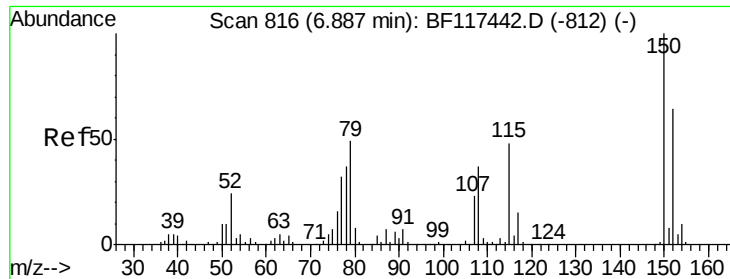
Tot Ion:146 Resp: 150273
 Ion Ratio Lower Upper
 146 100
 148 67.4 49.3 73.9
 111 44.0 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 43.672 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:146 Resp: 144285
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.4 77.0
 111 44.7 37.7 56.5





#15

Benzyl Alcohol

Concen: 46.911 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

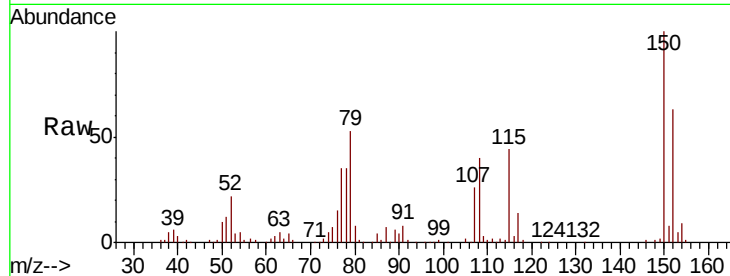
Tot Ion: 79 Resp: 132078

Ion Ratio Lower Upper

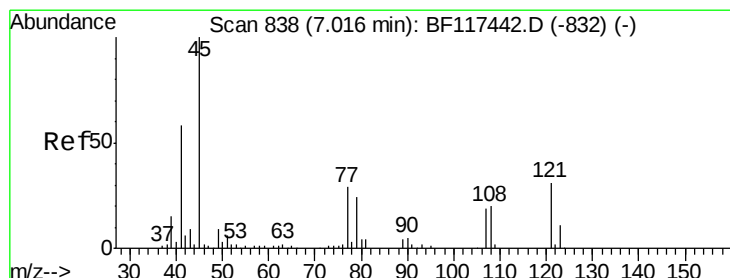
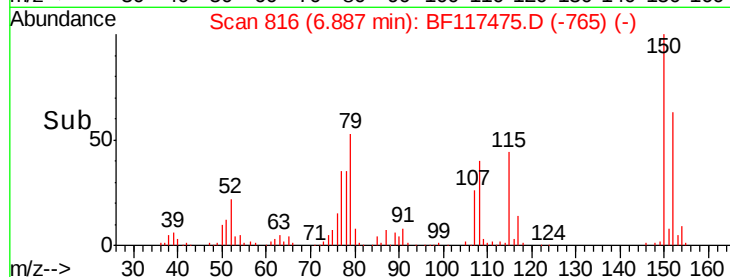
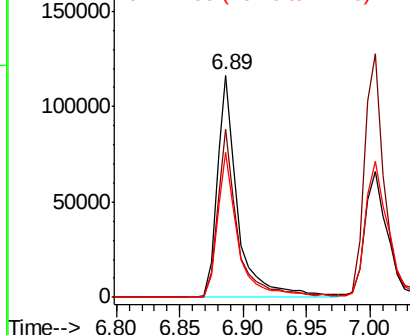
79 100

108 75.6 59.8 89.8

77 65.4 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.164 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

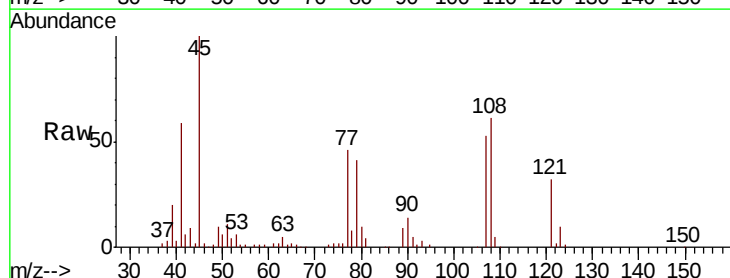
Tgt Ion: 45 Resp: 138525

Ion Ratio Lower Upper

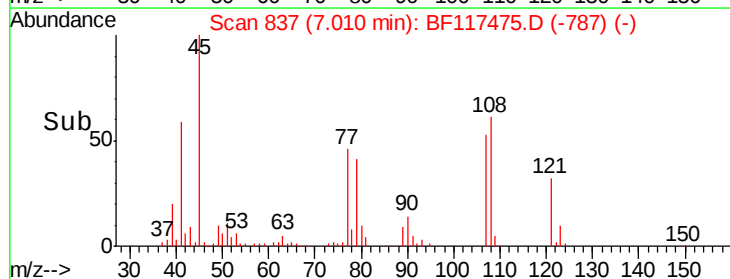
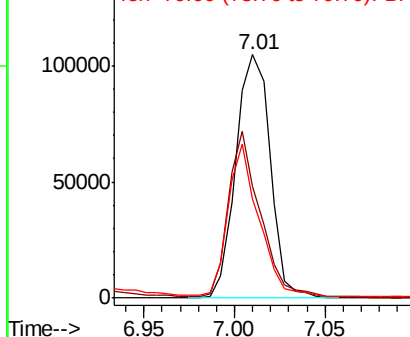
45 100

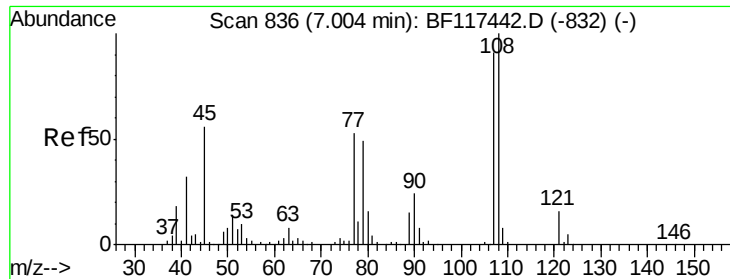
77 46.0 9.9 49.9

79 40.8 5.5 45.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

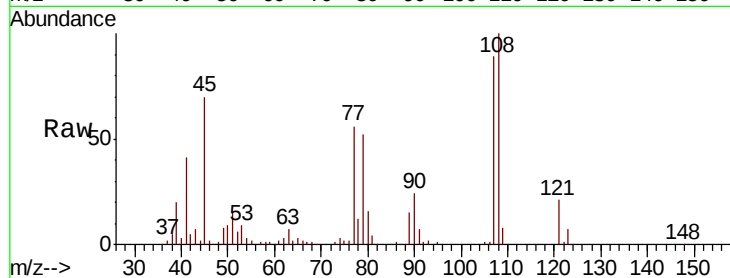




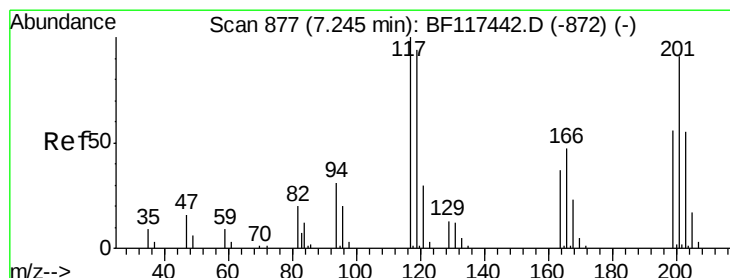
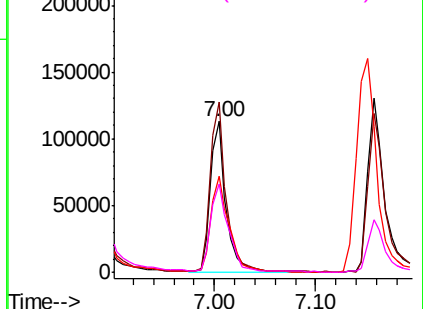
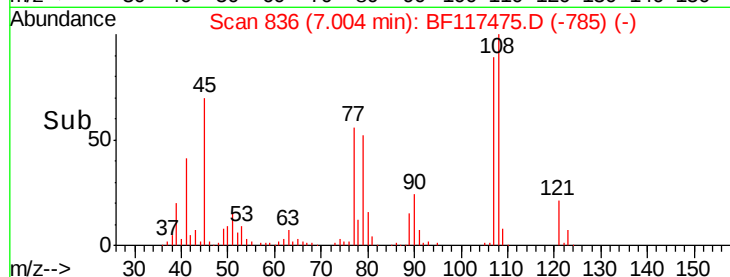
#17
2-Methylphenol
Concen: 48.084 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 122465
Ion Ratio Lower Upper
107 100
108 112.9 88.0 132.0
77 63.4 47.2 70.8
79 58.4 44.1 66.1

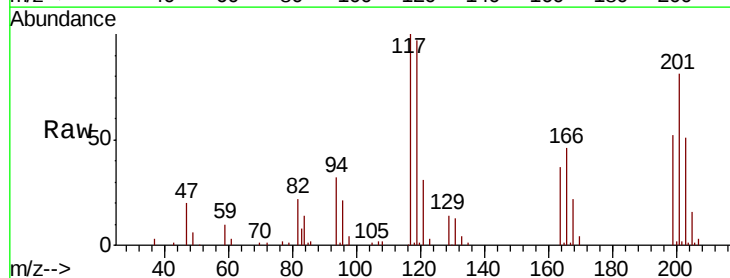


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

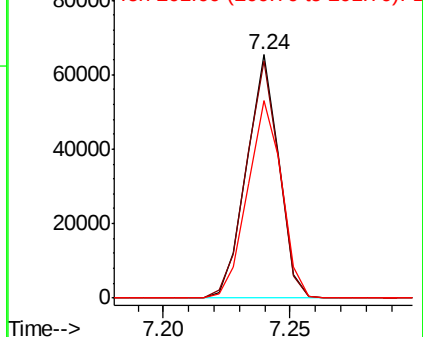
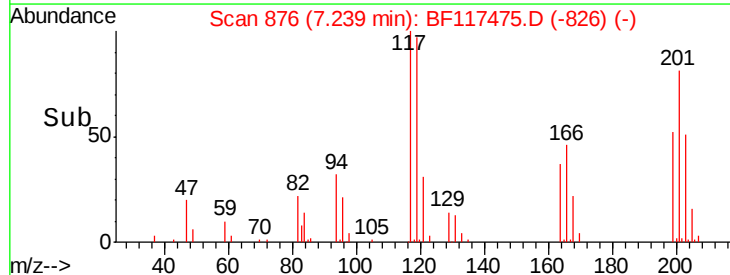


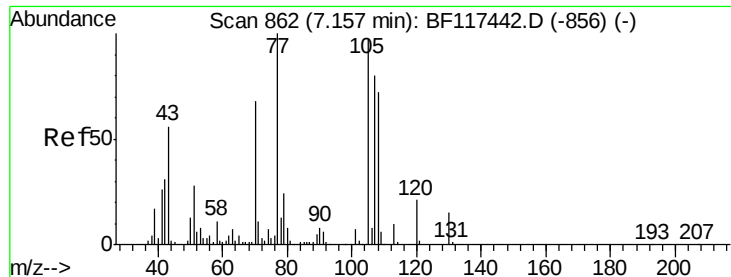
#18
Hexachloroethane
Concen: 42.256 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:117 Resp: 57807
Ion Ratio Lower Upper
117 100
119 97.3 75.4 113.0
201 81.1 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

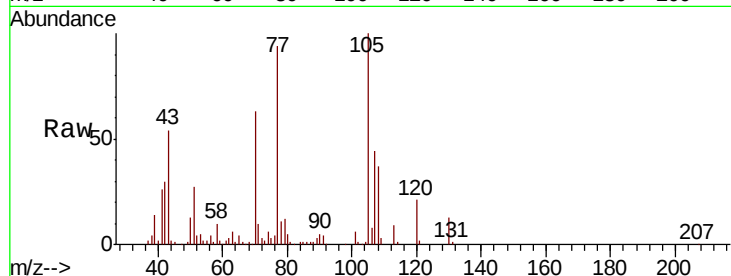




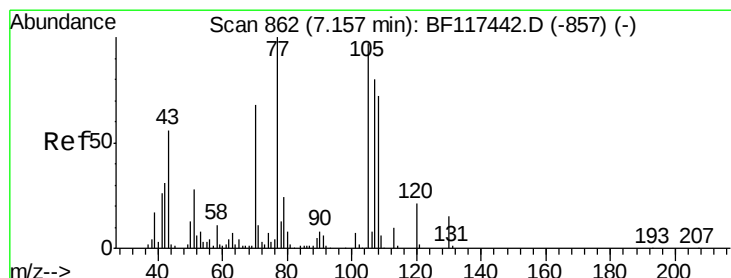
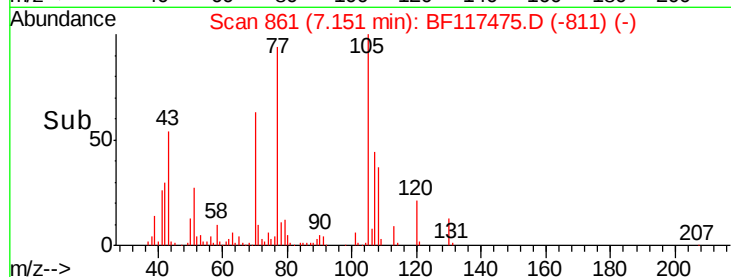
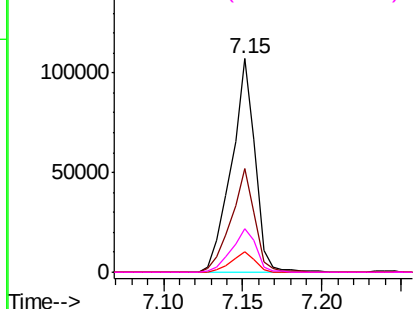
#19
n-Nitroso-di-n-propylamine
Concen: 45.947 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 110580
Ion Ratio Lower Upper
70 100
42 48.5 36.7 55.1
101 9.3 8.3 12.5
130 20.6 18.1 27.1

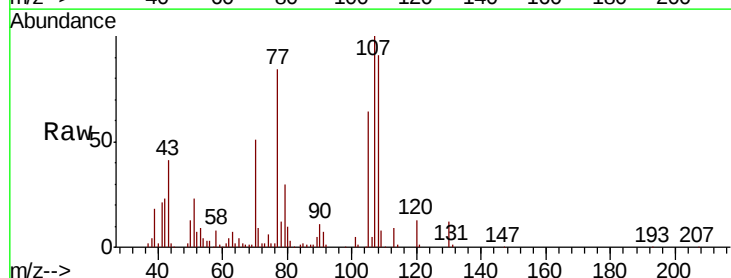


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

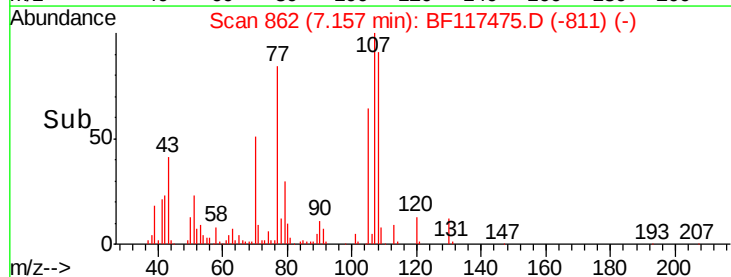
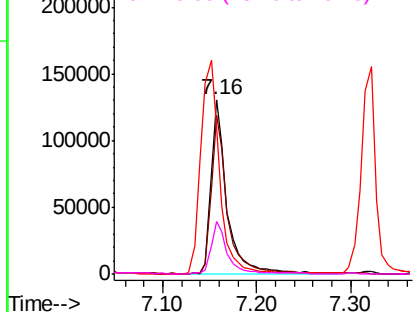


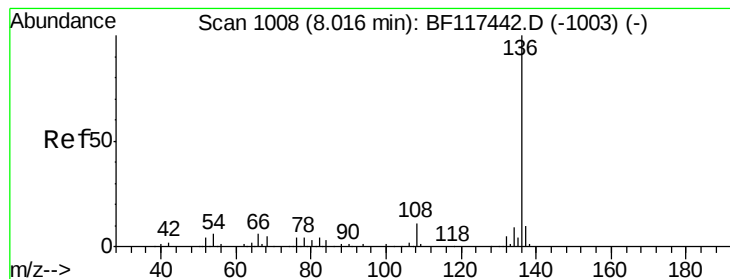
#20
3+4-Methylphenols
Concen: 47.468 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:107 Resp: 158508
Ion Ratio Lower Upper
107 100
108 91.0 70.3 110.3
77 83.5 104.8 144.8#
79 30.2 10.0 50.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 197543

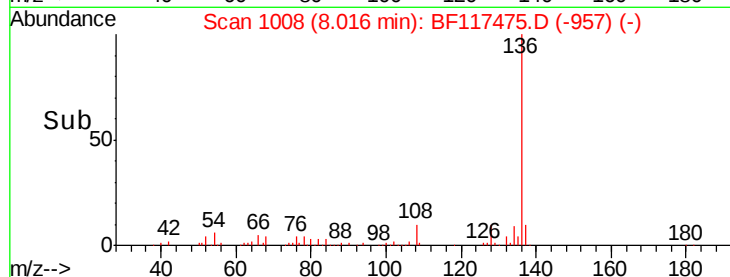
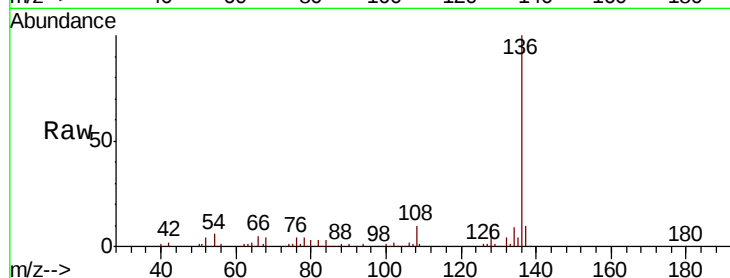
Ion Ratio Lower Upper

136 100

137 10.0 8.2 12.4

54 5.6 4.5 6.7

68 4.5 4.3 6.5

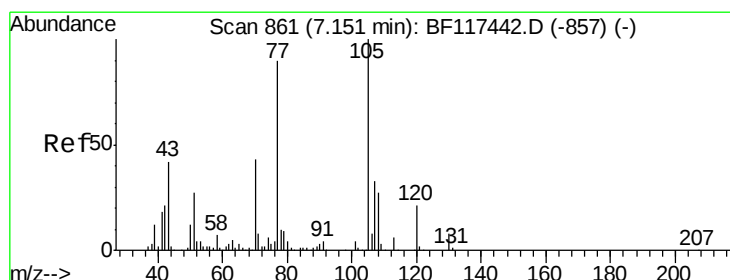
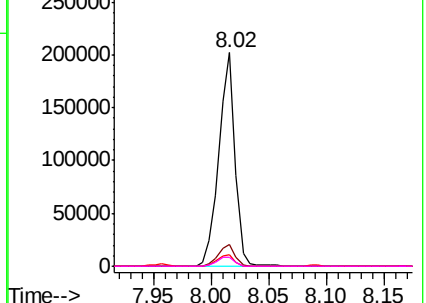


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.858 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion:105 Resp: 214323

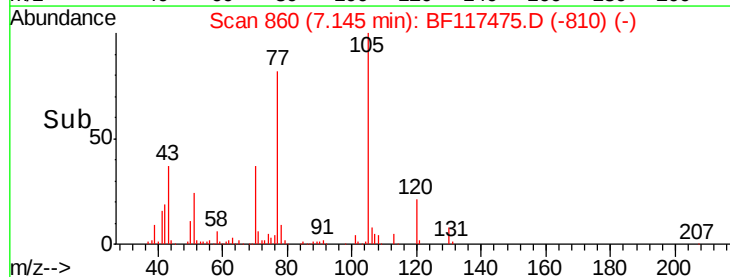
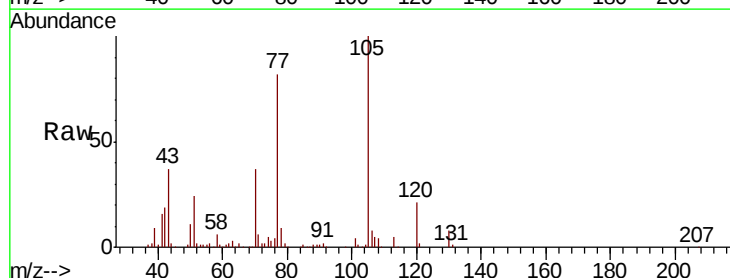
Ion Ratio Lower Upper

105 100

71 6.5 6.2 9.2

51 23.6 21.8 32.6

120 21.5 16.7 25.1

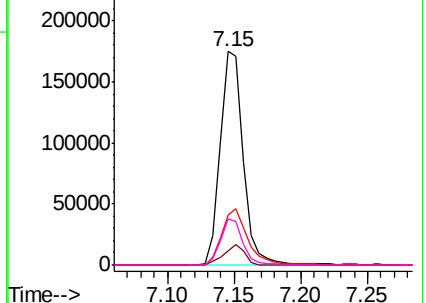


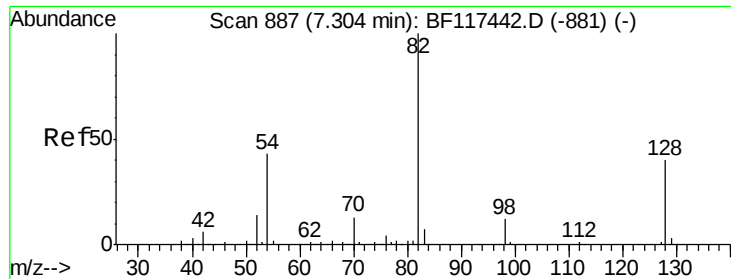
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

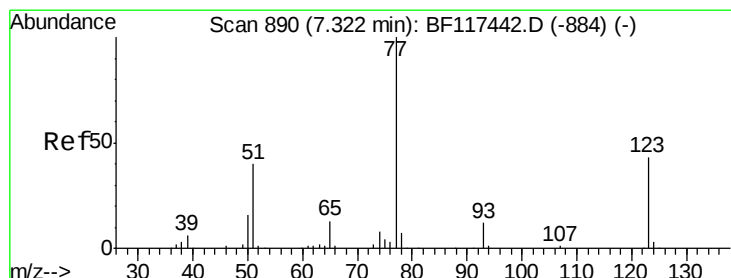
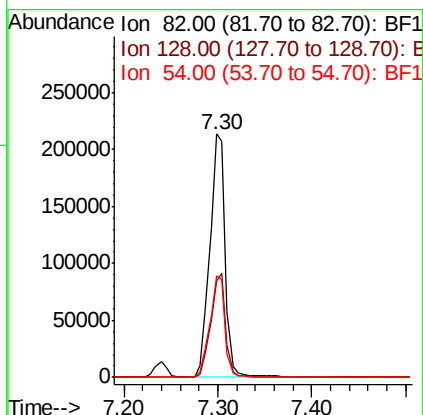
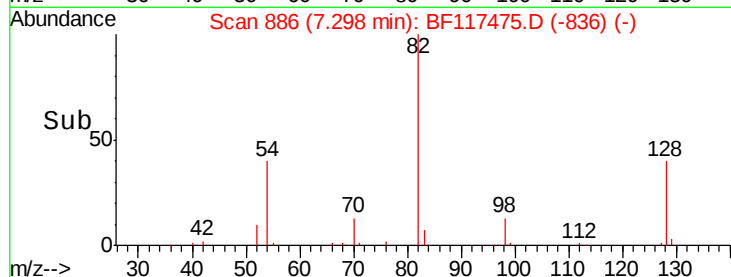
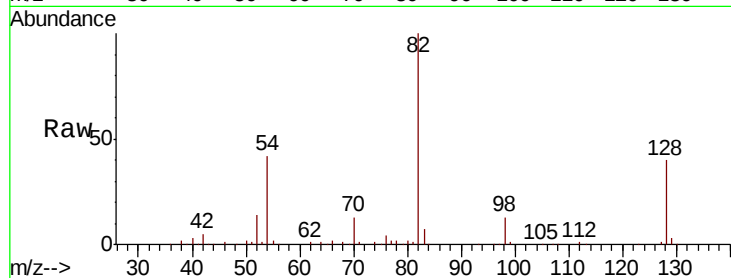




#23
Nitrobenzene-d5
Concen: 62.559 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

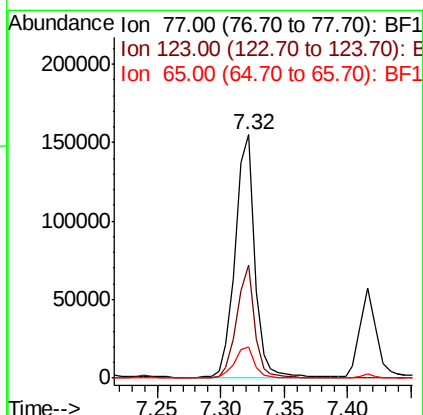
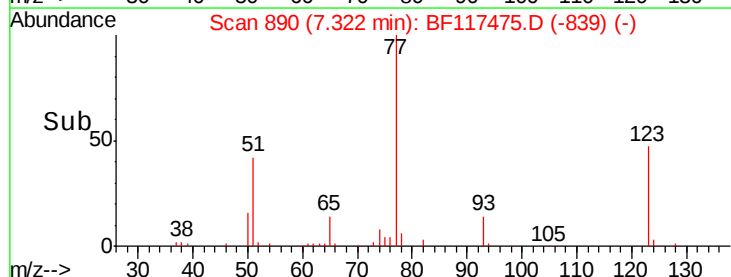
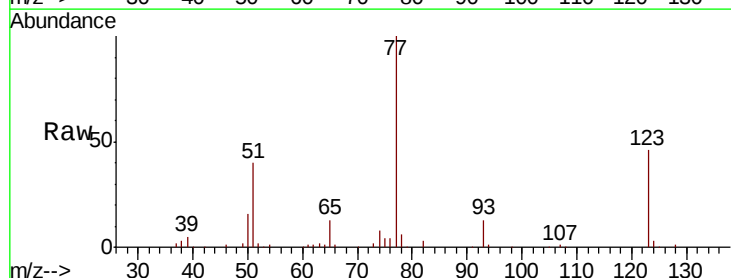
Instrument :
BNA_F
ClientSampleId :

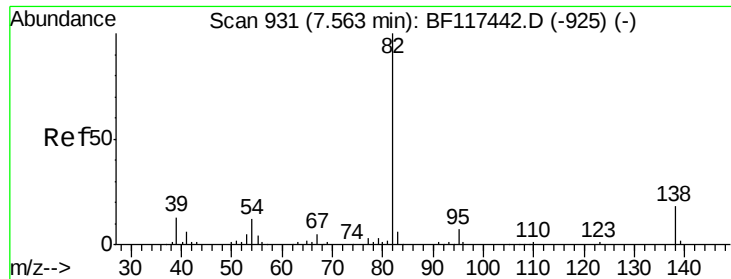
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.2	48.2
54	41.9	34.2	51.2



#24
Nitrobenzene
Concen: 43.820 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	34.2	51.2
65	12.6	10.3	15.5

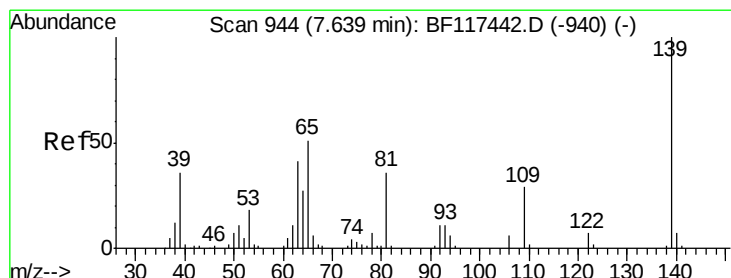
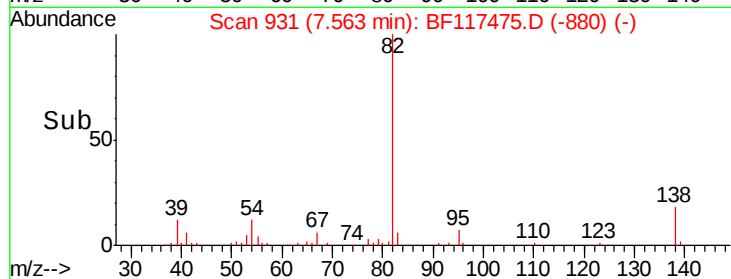
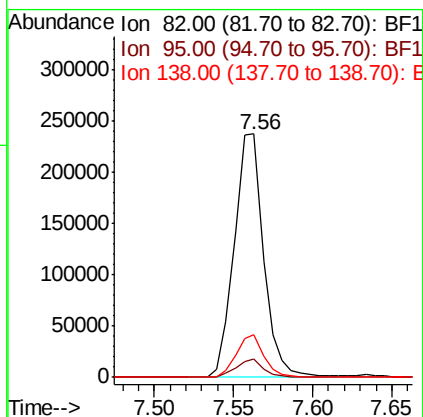
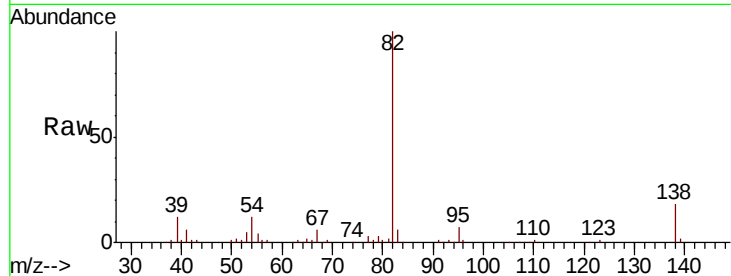




#25
Isophorone
Concen: 44.287 ng
RT: 7.56 min Scan# 931
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

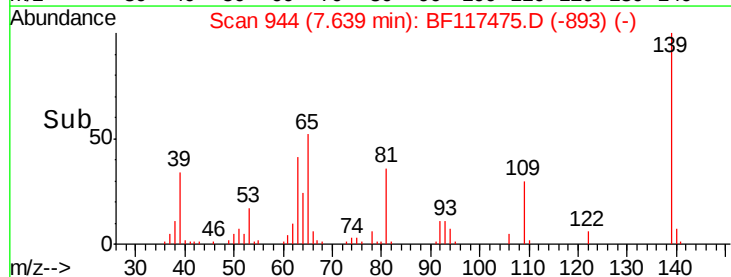
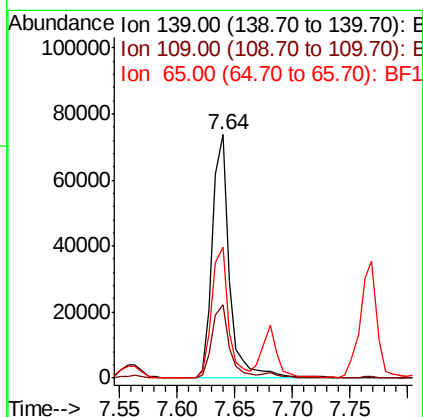
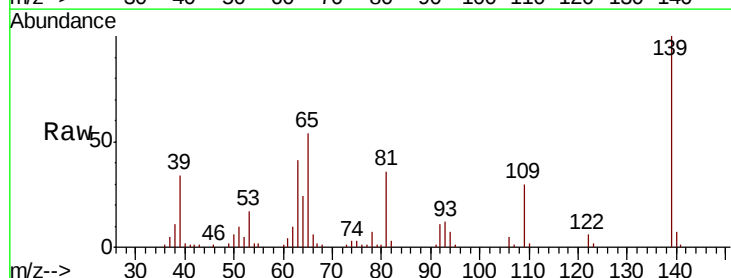
Instrument :
BNA_F
ClientSampleId :

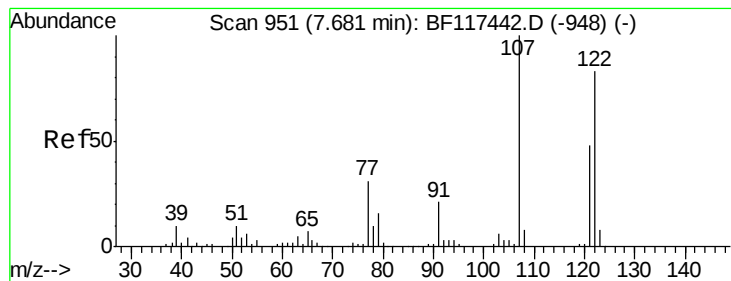
Tot Ion: 82 Resp: 306560
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.0
138 17.8 14.2 21.2



#26
2-Nitrophenol
Concen: 44.703 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion: 139 Resp: 76412
Ion Ratio Lower Upper
139 100
109 30.2 23.2 34.8
65 53.6 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 50.131 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampled :

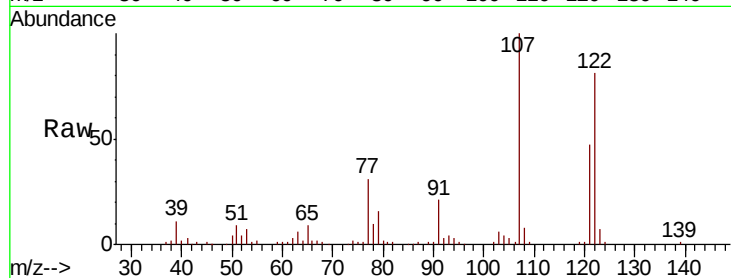
Tot Ion:122 Resp: 128063

Ion Ratio Lower Upper

122 100

107 123.6 96.8 145.2

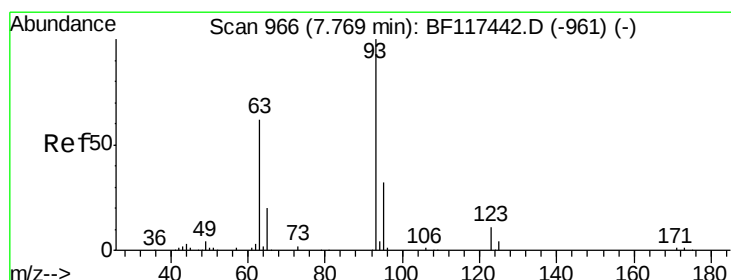
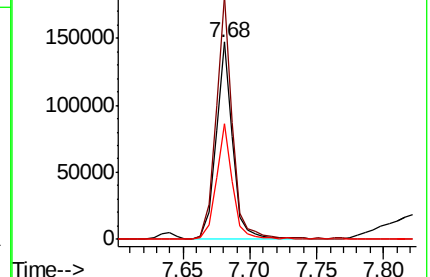
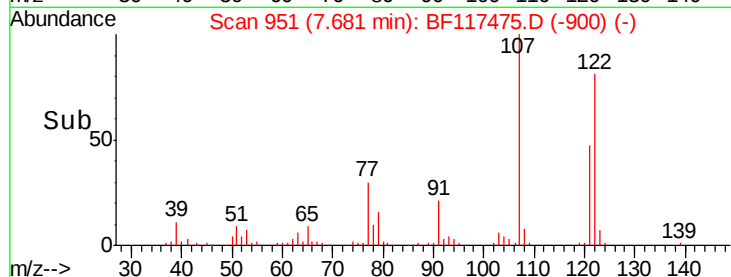
121 58.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.430 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

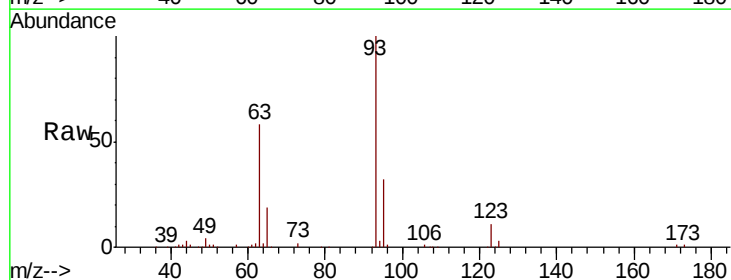
Tgt Ion: 93 Resp: 181234

Ion Ratio Lower Upper

93 100

95 32.4 25.5 38.3

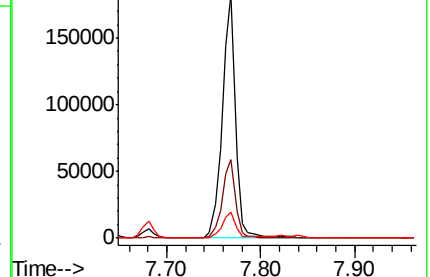
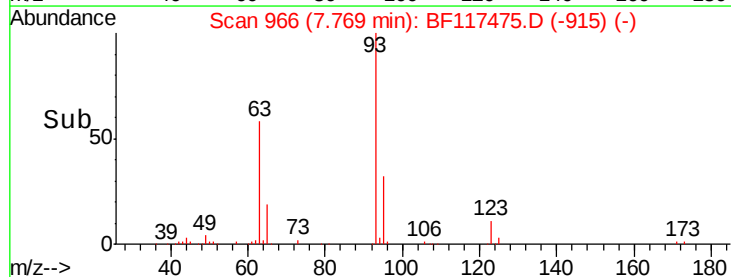
123 10.6 9.0 13.6

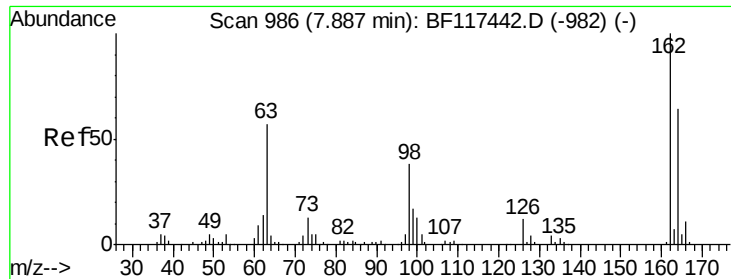


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

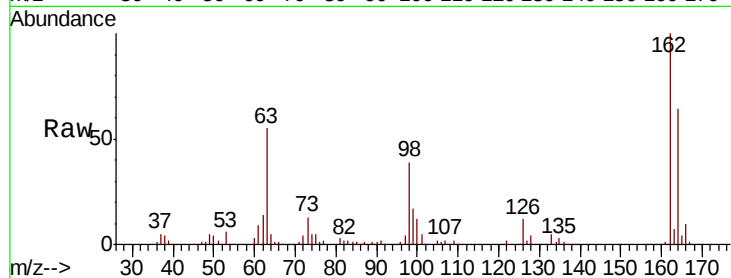




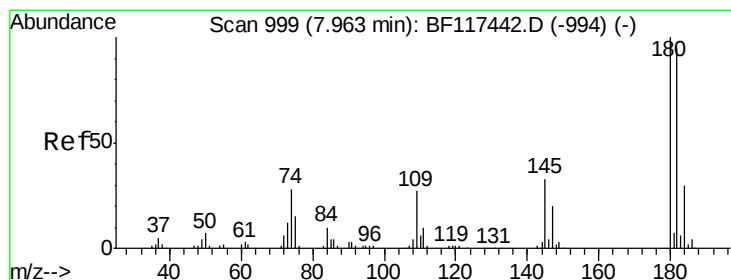
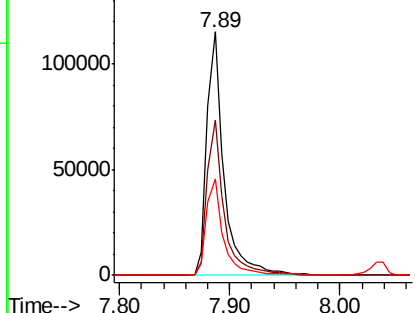
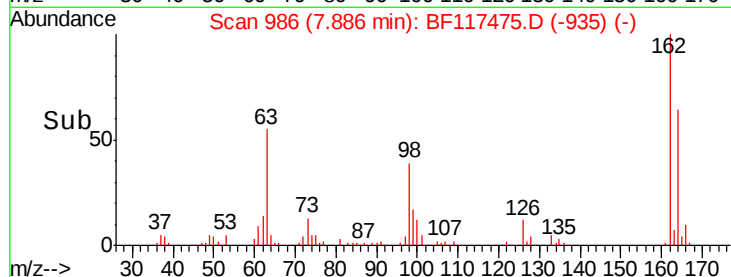
#29
 2,4-Dichlorophenol
 Concen: 44.871 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 120228
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.4 84.4
 98 39.5 18.2 58.2

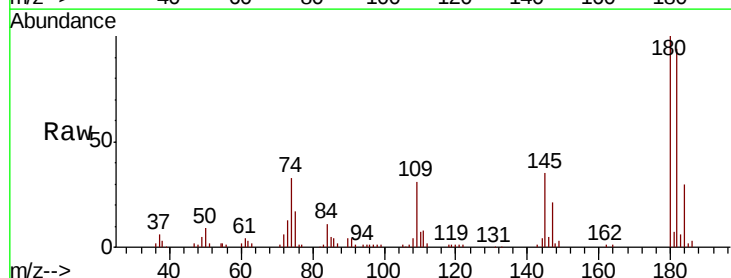


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

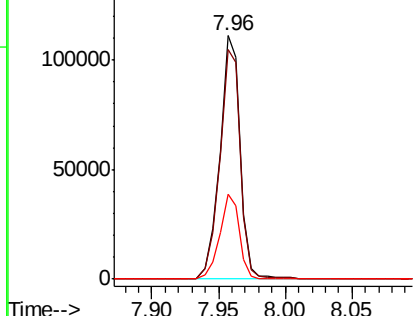
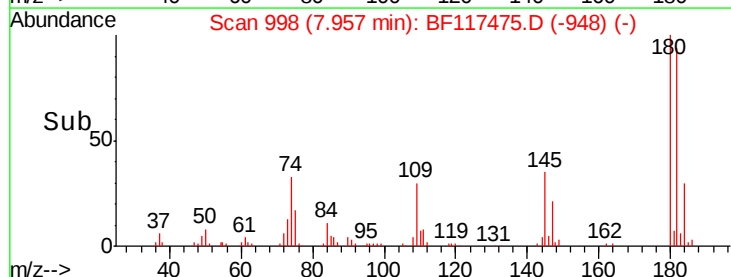


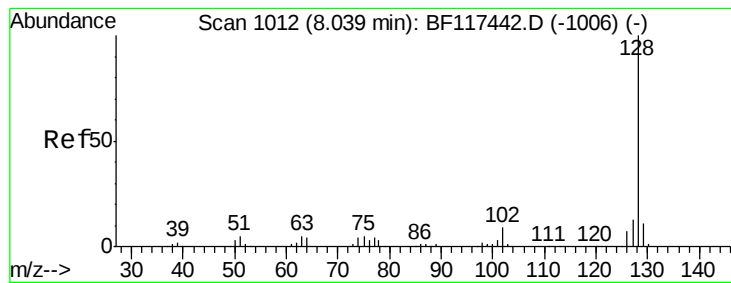
#30
 1,2,4-Trichlorobenzene
 Concen: 41.600 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:180 Resp: 119615
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.8 113.8
 145 34.8 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.213 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

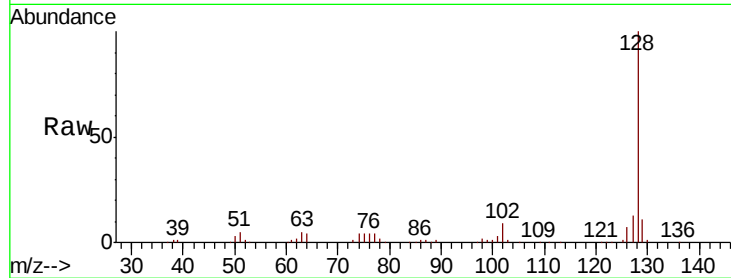
Tot Ion:128 Resp: 423126

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

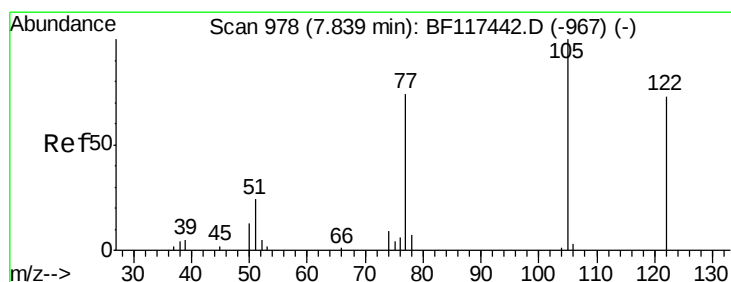
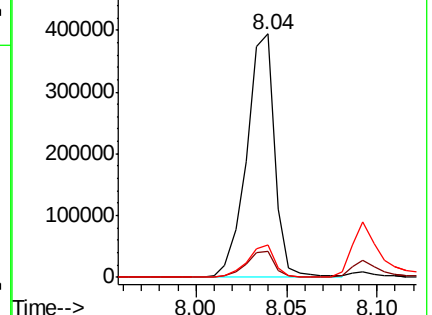
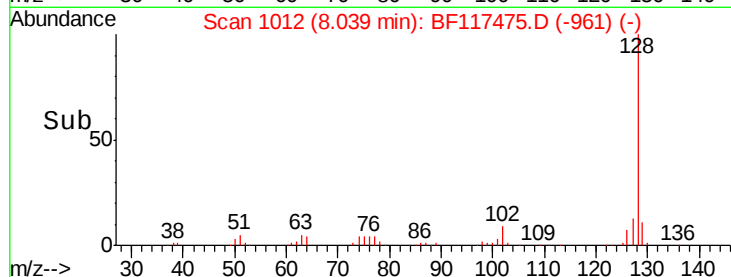
127 13.2 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.697 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

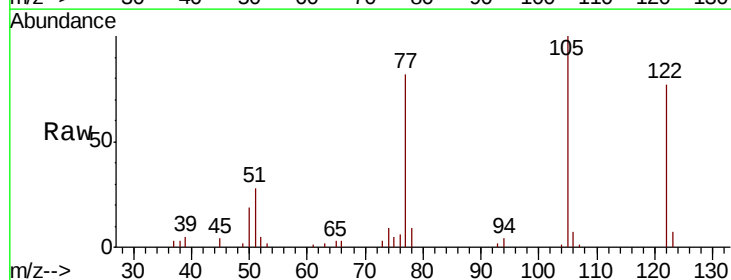
Tgt Ion:122 Resp: 69459

Ion Ratio Lower Upper

122 100

105 130.0 115.0 155.0

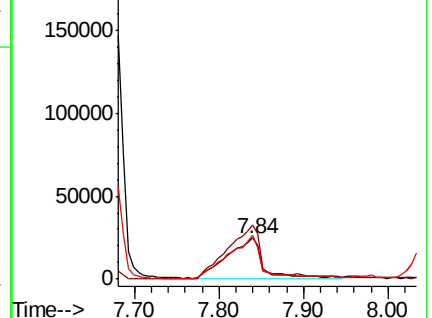
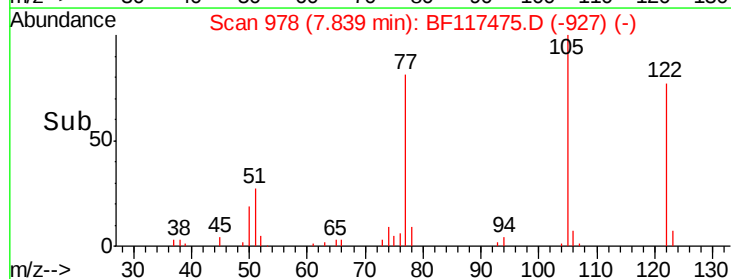
77 106.8 79.7 119.7

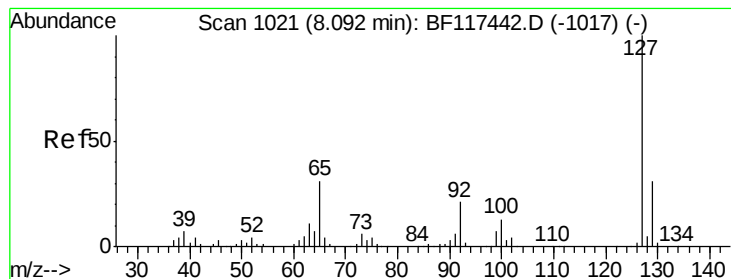


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 26.139 ng

RT: 8.09 min Scan# 1021

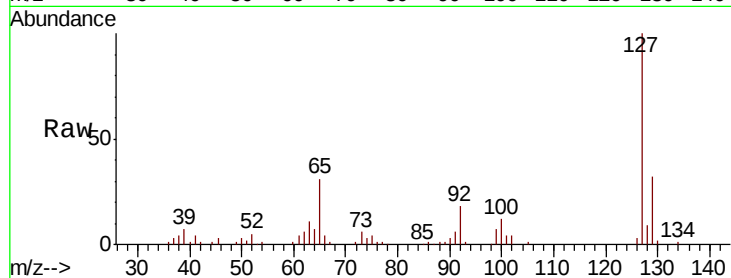
Delta R.T. -0.00 min

Lab File: BF117475.D

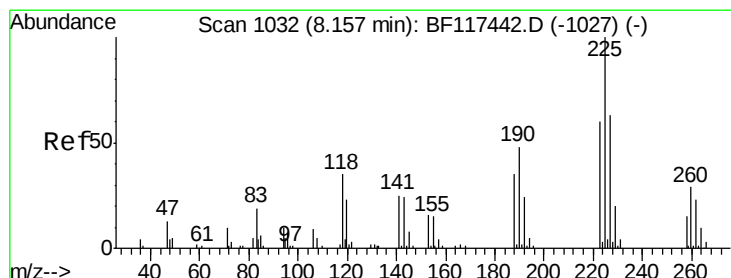
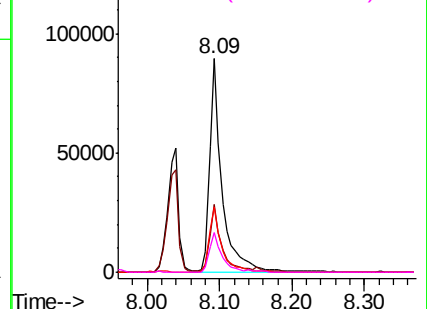
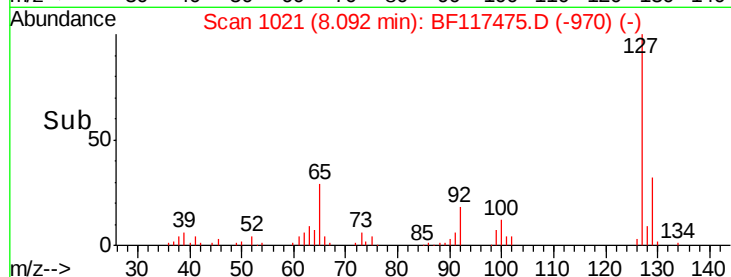
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	108015
Ion	Ratio	Lower Upper
127	100	
129	32.0	24.8 37.2
65	30.5	24.6 37.0
92	18.5	16.5 24.7



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.804 ng

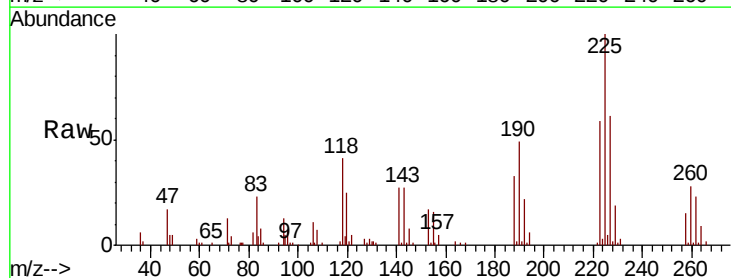
RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

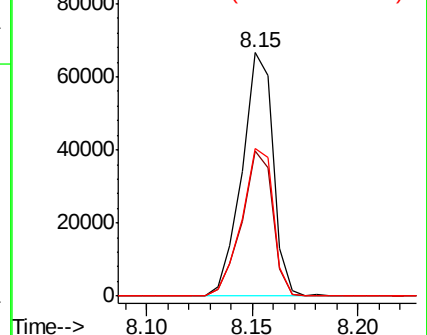
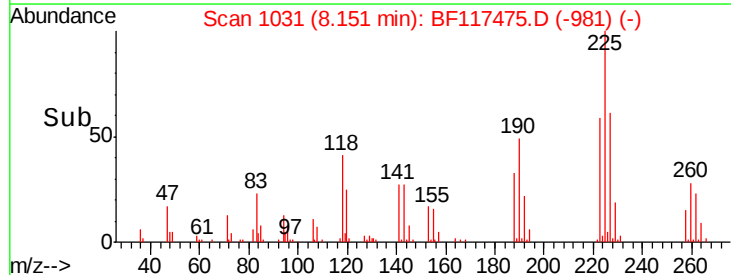
Lab File: BF117475.D

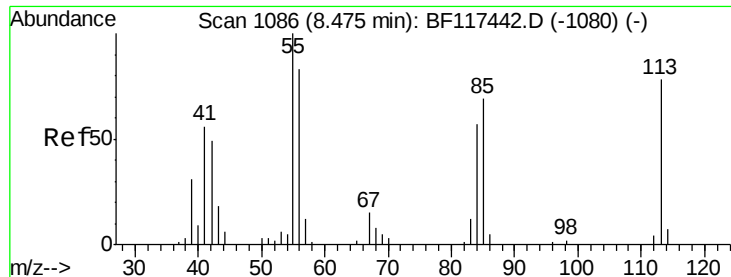
Acq: 22 Oct 2019 13:46

Tgt Ion:225	Resp:	67909
Ion	Ratio	Lower Upper
225	100	
223	59.3	48.2 72.4
227	60.6	50.2 75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

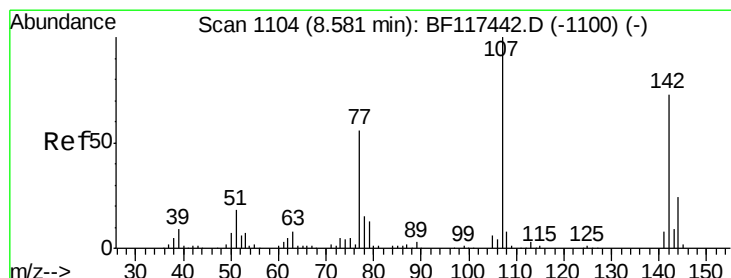
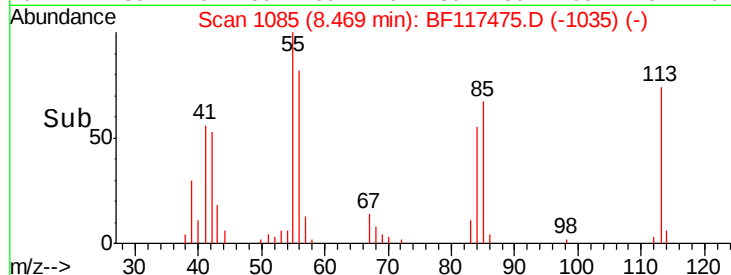
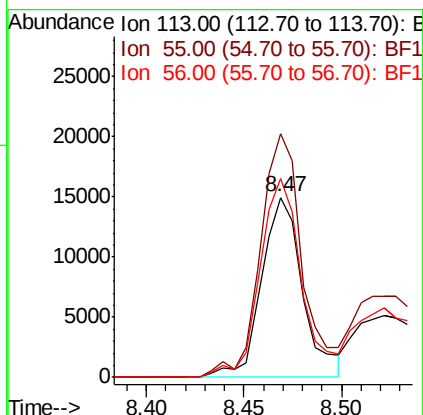
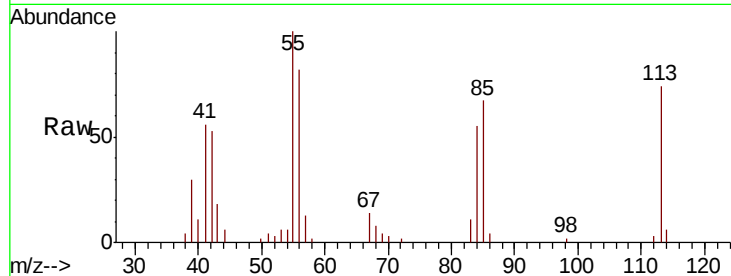




#35
Caprolactam
Concen: 25.418 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

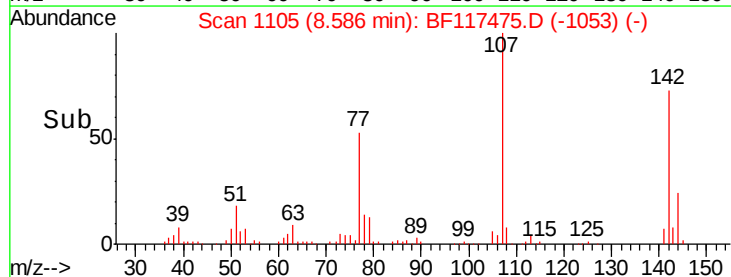
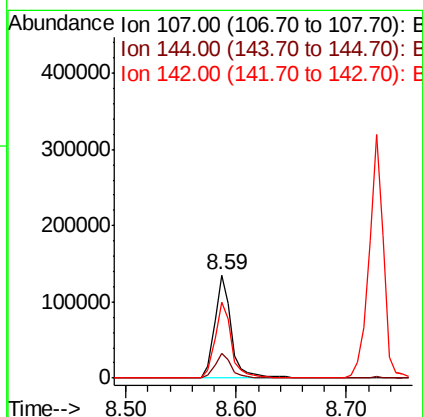
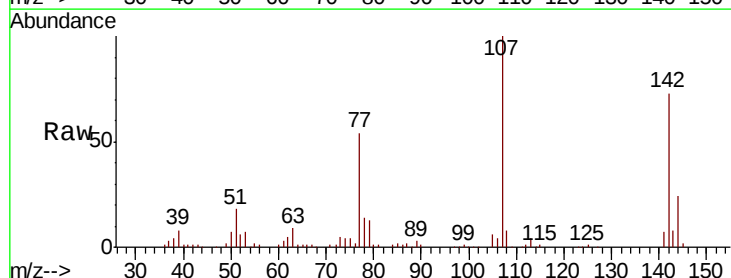
Instrument :
BNA_F
ClientSampled :

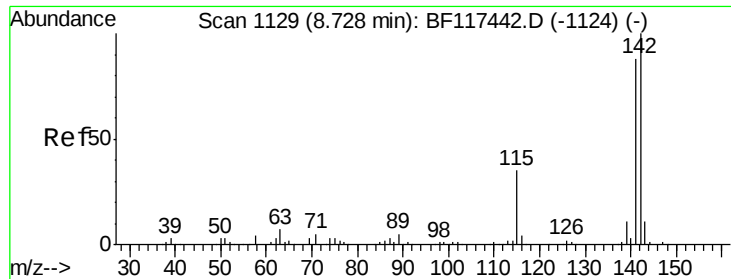
Tot Ion:113 Resp: 21878
Ion Ratio Lower Upper
113 100
55 135.1 108.8 148.8
56 110.6 87.2 127.2



#36
4-Chloro-3-methylphenol
Concen: 45.451 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:107 Resp: 138891
Ion Ratio Lower Upper
107 100
144 23.8 18.9 28.3
142 73.3 58.6 88.0

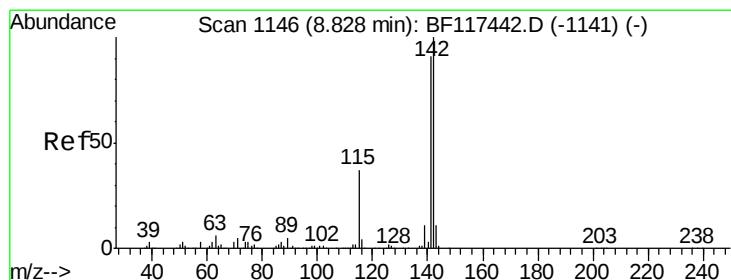
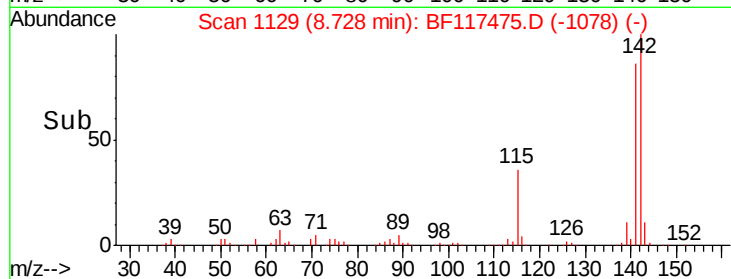
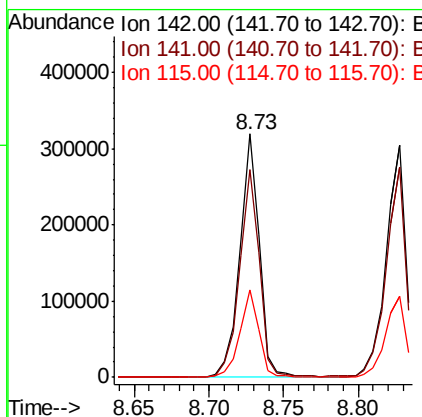
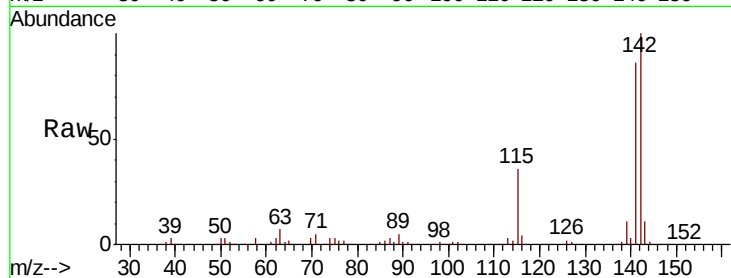




#37
2-Methylnaphthalene
Concen: 43.984 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

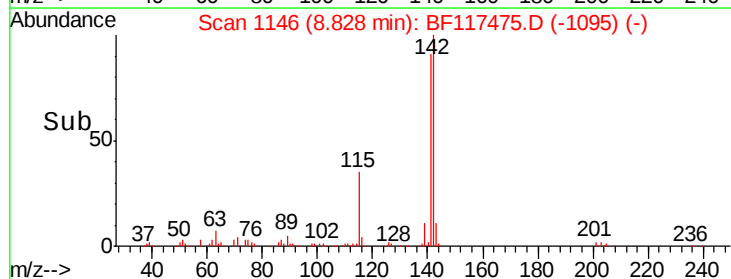
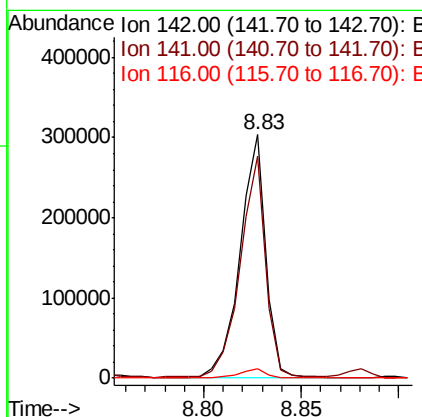
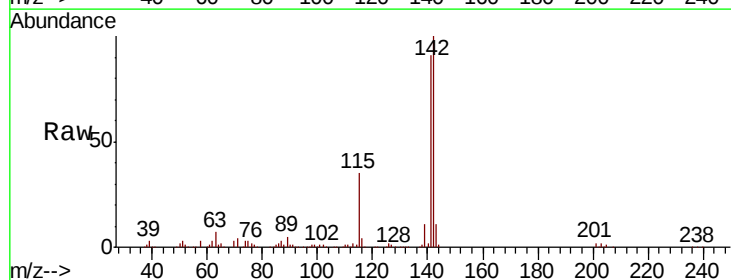
Instrument :
BNA_F
ClientSampleId :

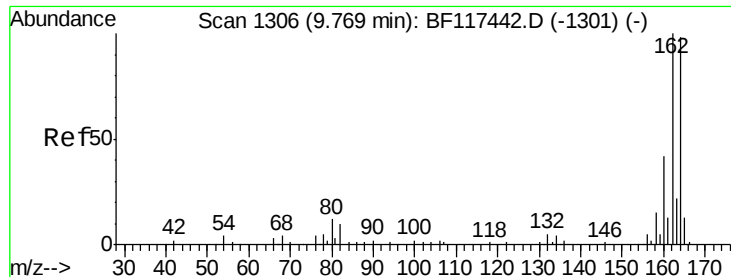
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.3	105.5
115	35.7	28.2	42.2



#38
1-Methylnaphthalene
Concen: 44.406 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.3	109.9
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

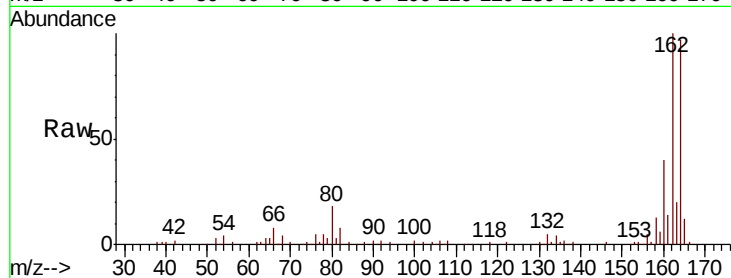
Tot Ion:164 Resp: 105285

Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 41.0 34.4 51.6

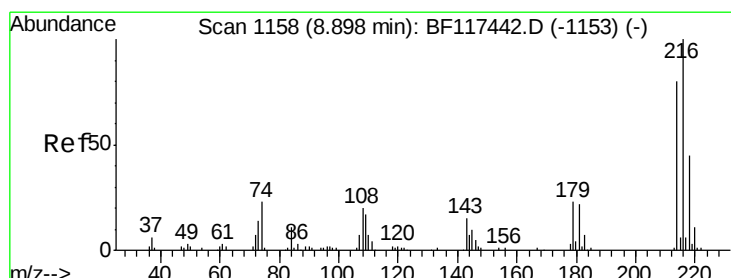
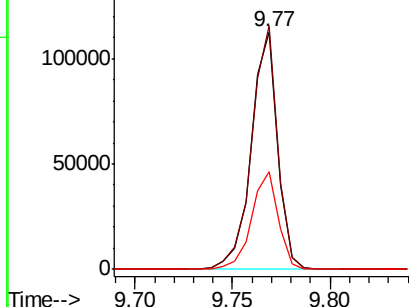
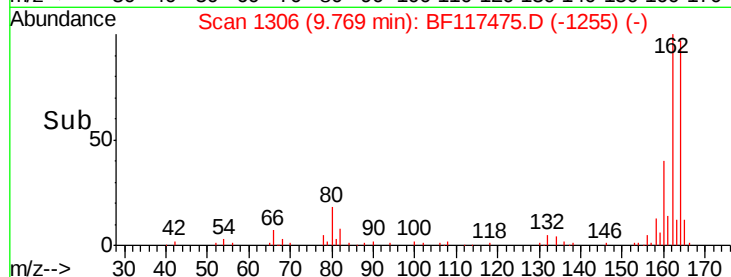


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.149 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Tgt Ion:216 Resp: 111017

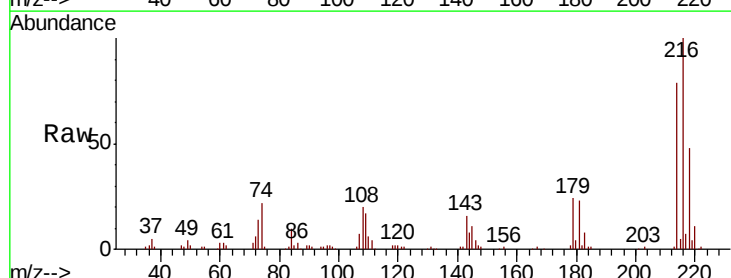
Ion Ratio Lower Upper

216 100

214 79.2 62.4 93.6

179 23.1 18.1 27.1

108 23.0 16.6 24.8



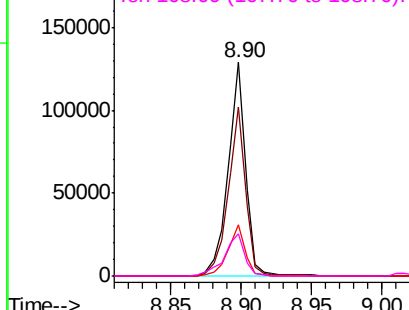
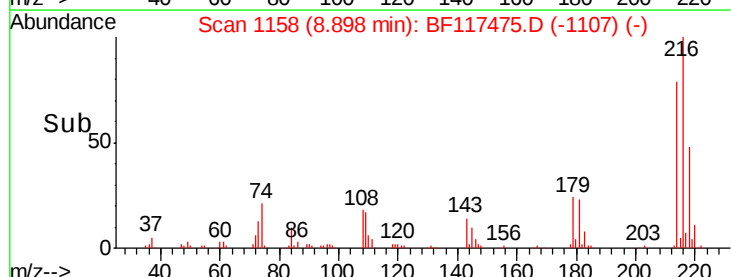
Abundance

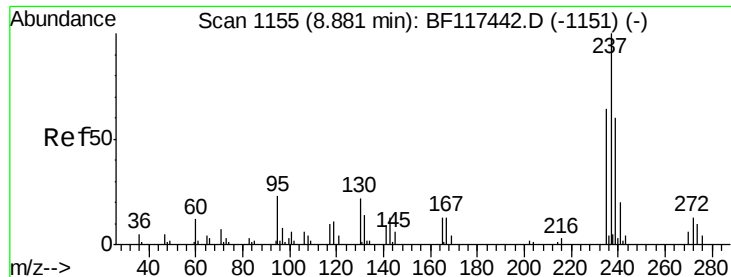
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.814 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

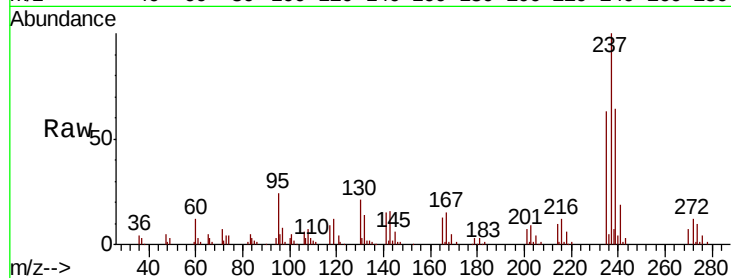
Tot Ion:237 Resp: 63787

Ion Ratio Lower Upper

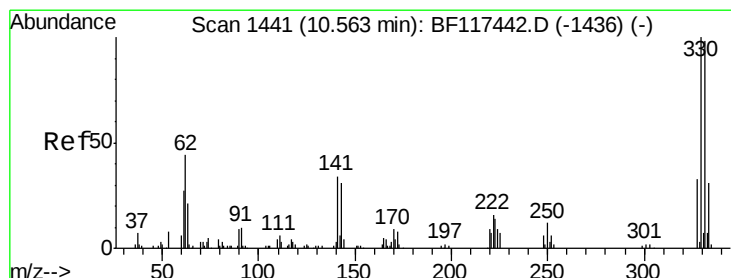
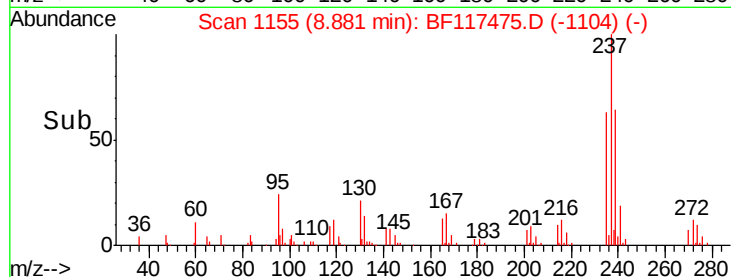
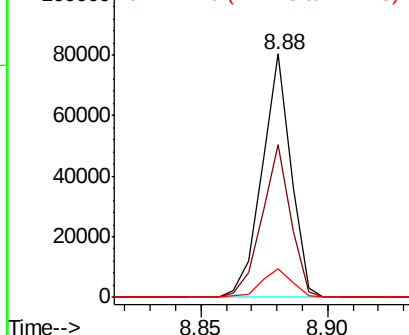
237 100

235 62.7 44.3 84.3

272 11.8 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.161 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

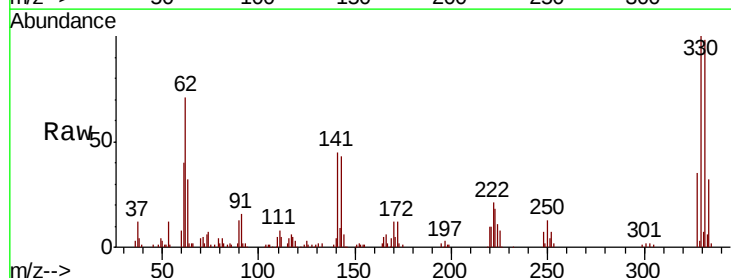
Tgt Ion:330 Resp: 101266

Ion Ratio Lower Upper

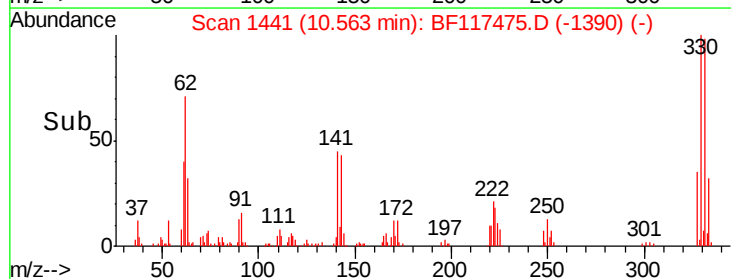
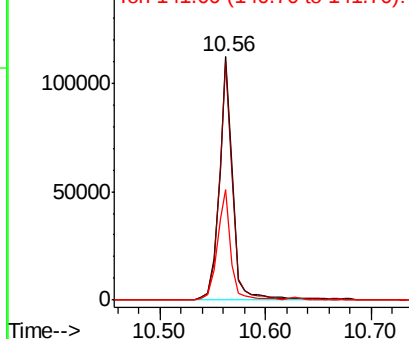
330 100

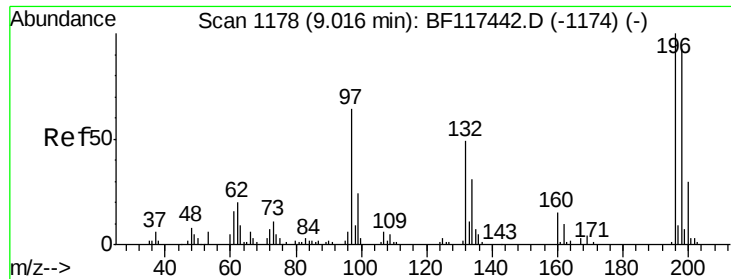
332 97.6 78.5 117.7

141 45.6 37.0 55.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

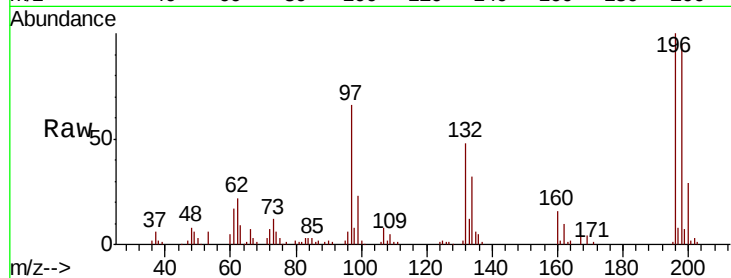




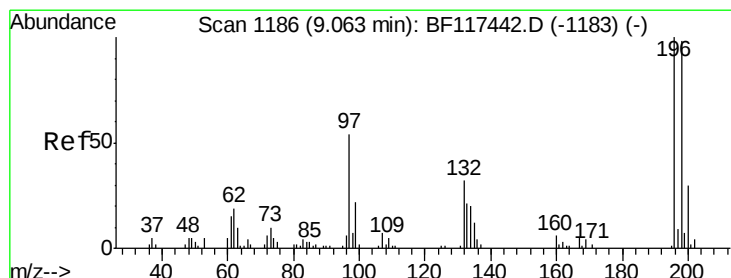
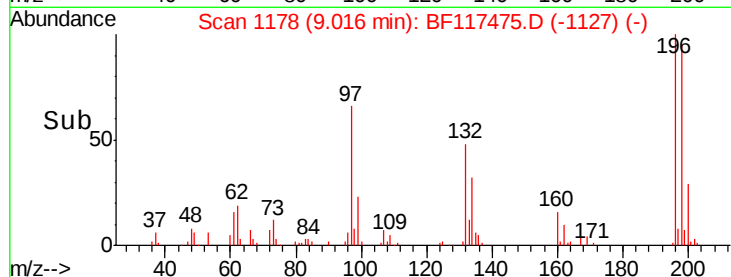
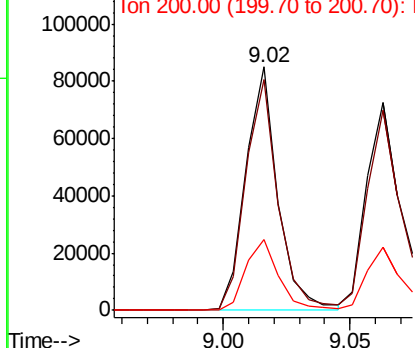
#43
 2,4,6-Trichlorophenol
 Concen: 42.149 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 74849
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.1 111.1
 200 29.2 23.9 35.9



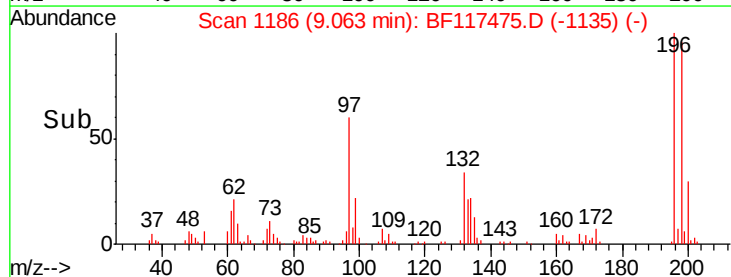
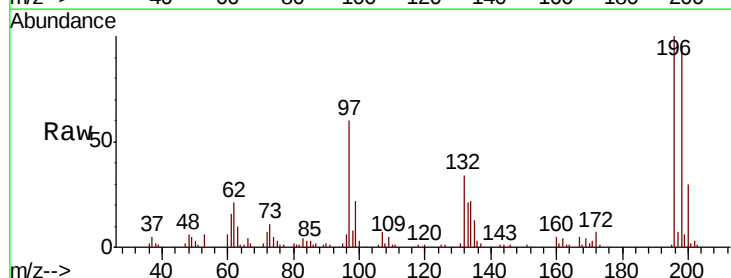
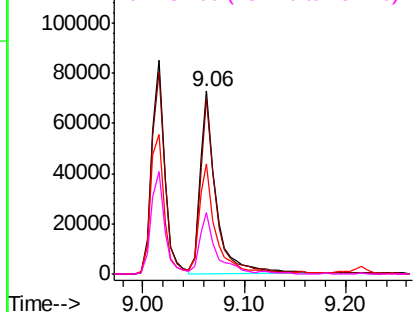
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

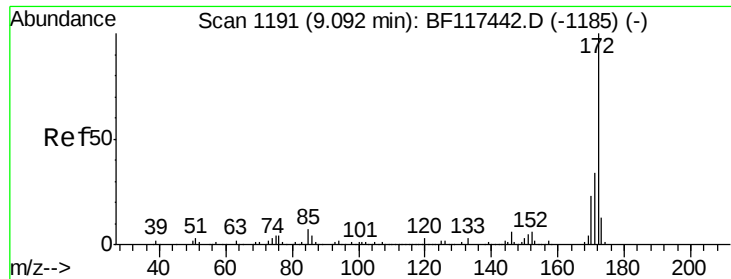


#44
 2,4,5-Trichlorophenol
 Concen: 43.986 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:196 Resp: 79151
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.6 117.8
 97 60.3 43.4 65.2
 132 33.9 26.0 39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

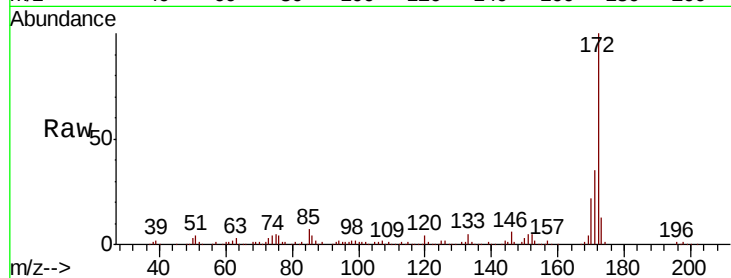




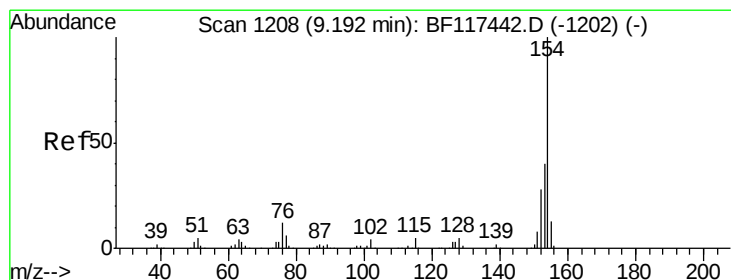
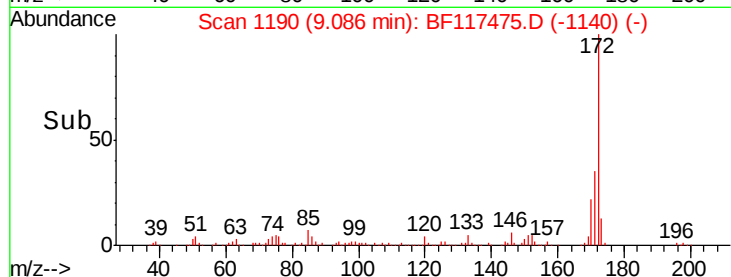
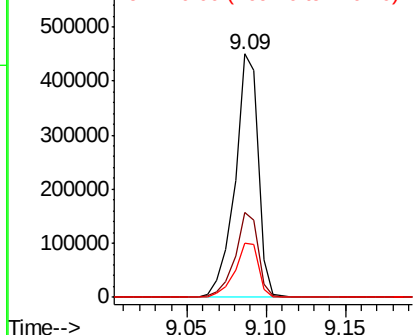
#45
2-Fluorobiphenyl
Concen: 61.107 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 456612
Ion Ratio Lower Upper
172 100
171 34.9 27.5 41.3
170 22.4 18.6 27.8

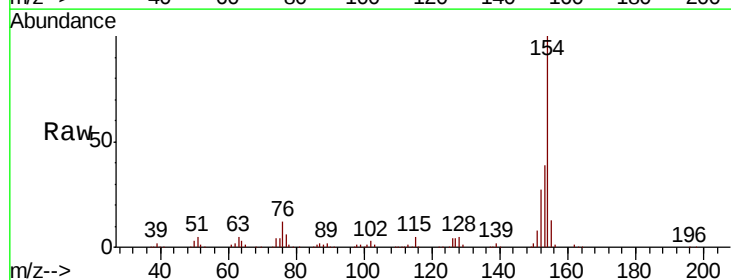


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

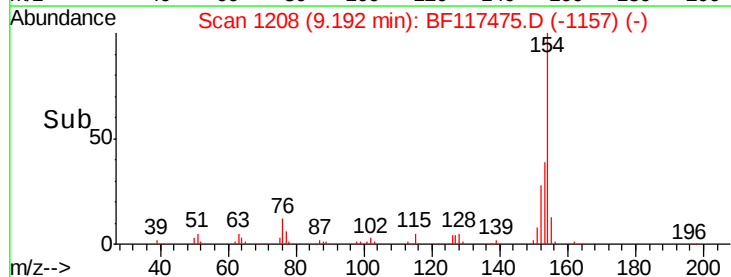
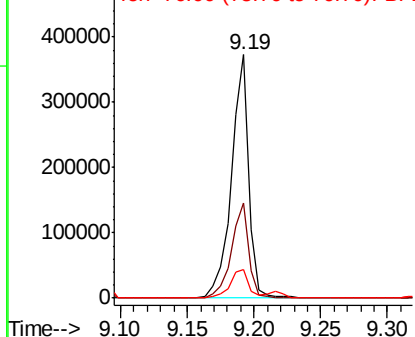


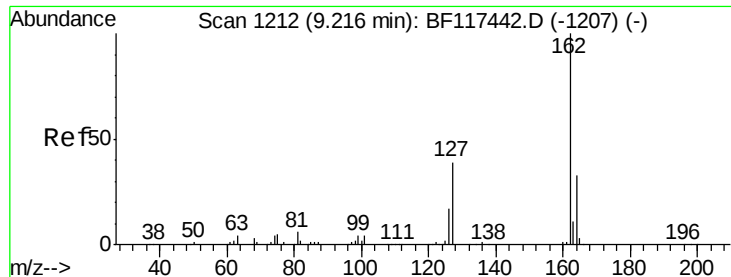
#46
1,1'-Biphenyl
Concen: 39.338 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:154 Resp: 342876
Ion Ratio Lower Upper
154 100
153 39.0 20.2 60.2
76 11.9 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

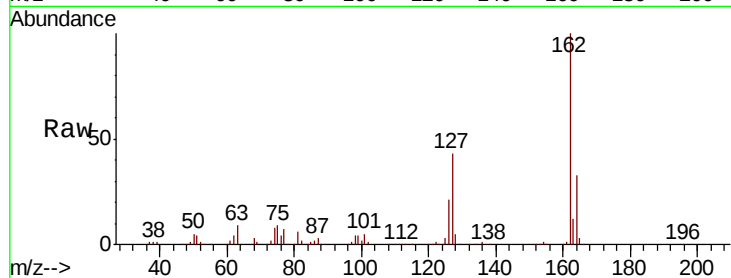




#47
 2-Chloronaphthalene
 Concen: 40.080 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.6	34.2	51.4
164	32.7	26.4	39.6

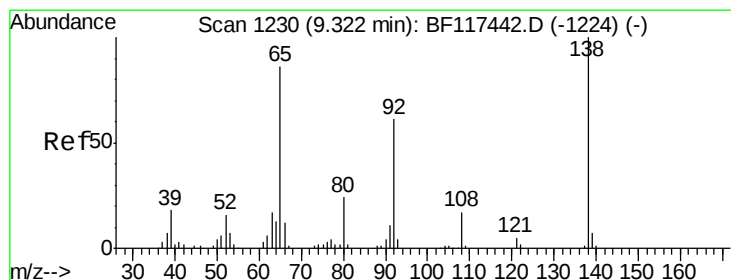
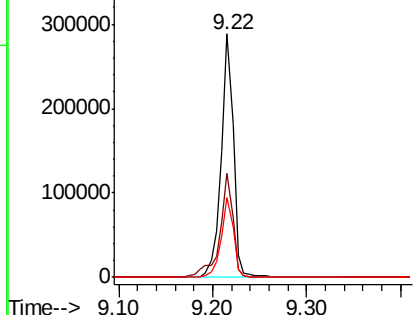
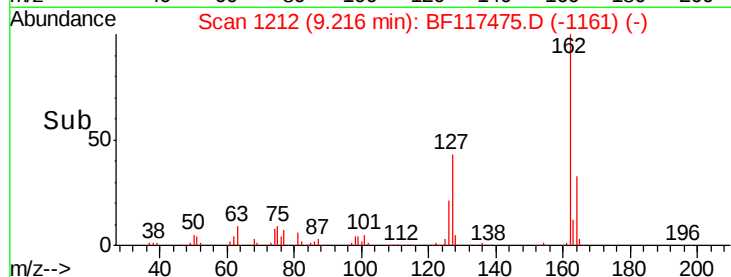


Abundance

Ion 162.00 (161.70 to 162.70): E

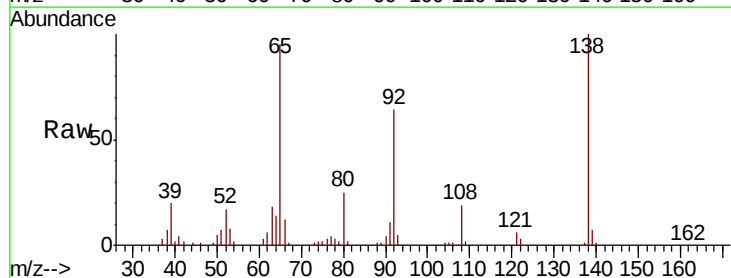
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 40.617 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	57.3	85.9
138	105.7	93.3	139.9

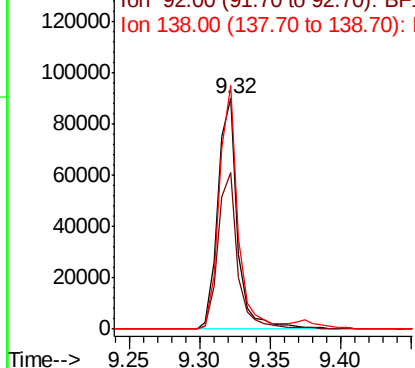
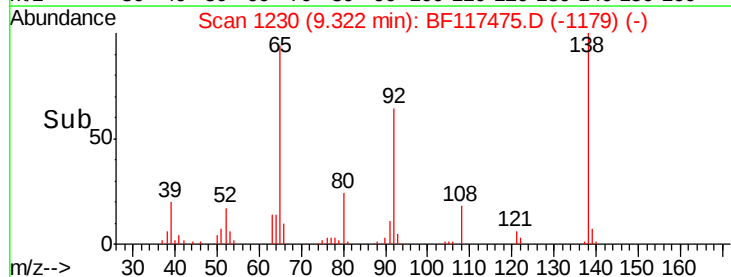


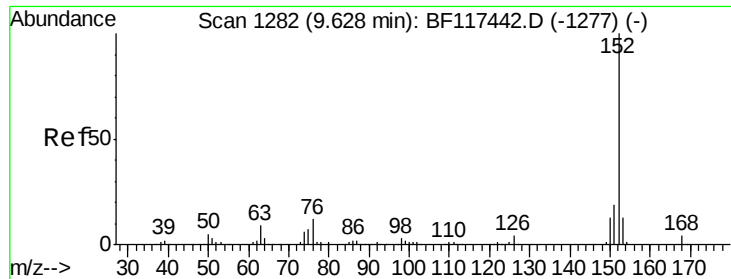
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.862 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampled :

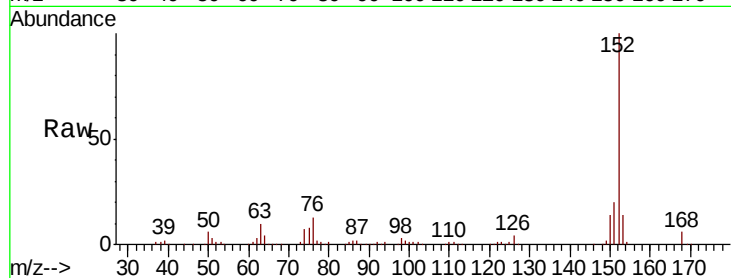
Tot Ion:152 Resp: 413743

Ion Ratio Lower Upper

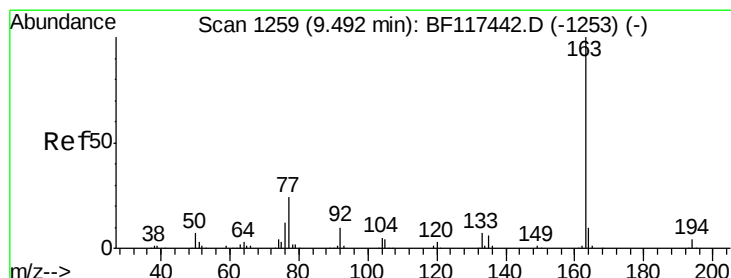
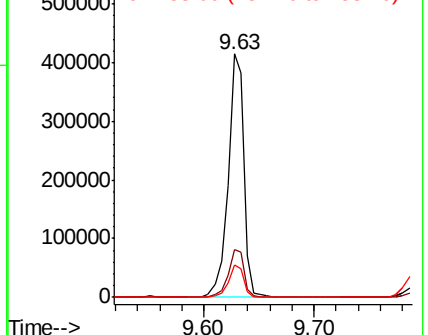
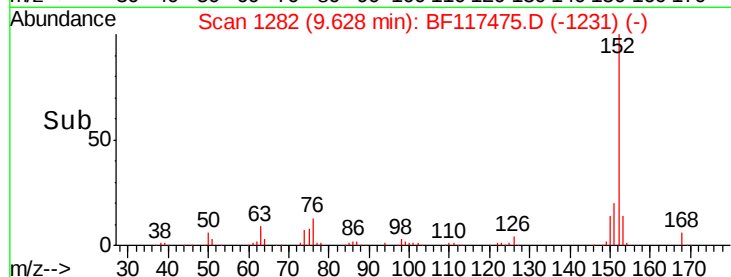
152 100

151 19.7 15.4 23.0

153 13.5 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.826 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

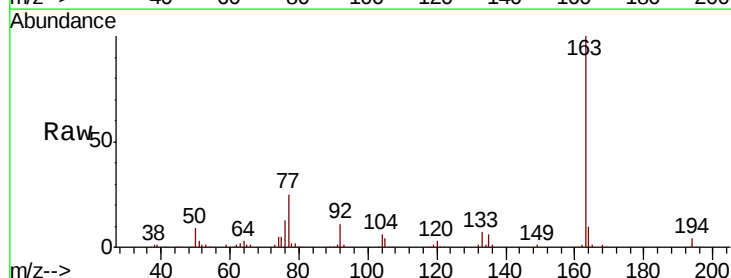
Tgt Ion:163 Resp: 313931

Ion Ratio Lower Upper

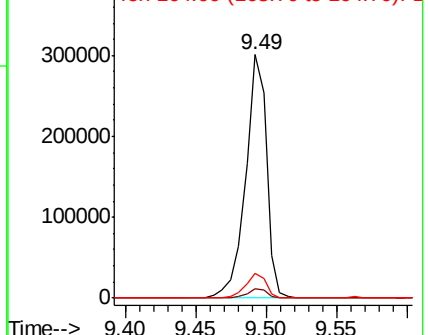
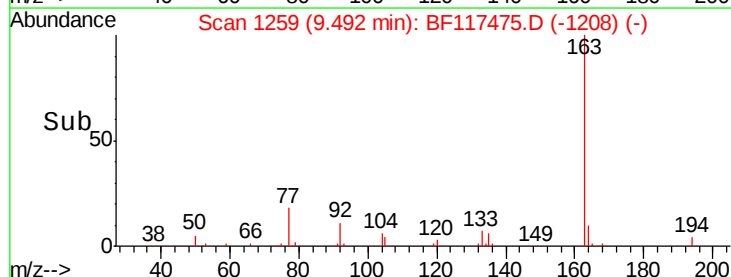
163 100

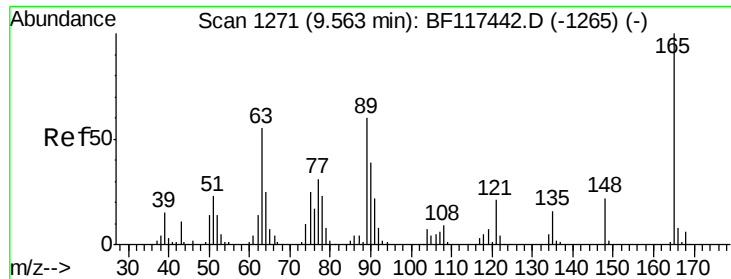
194 3.8 2.9 4.3

164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

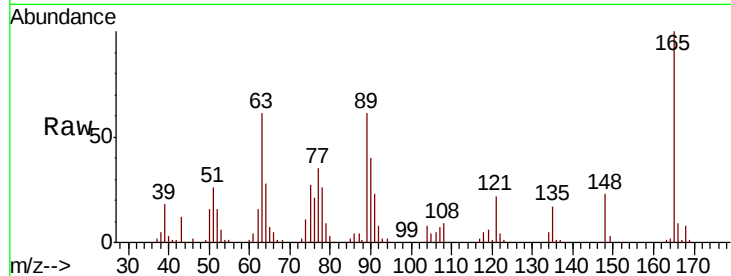




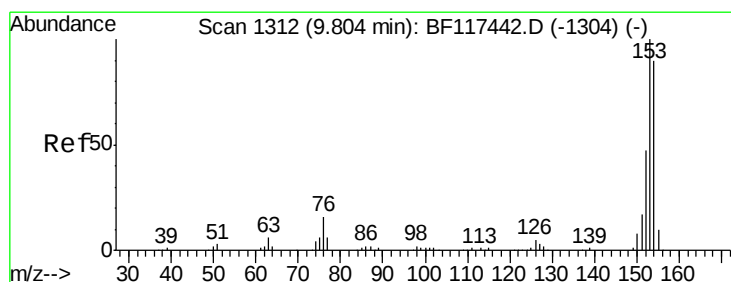
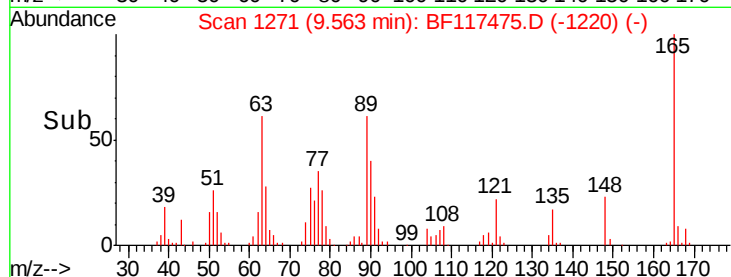
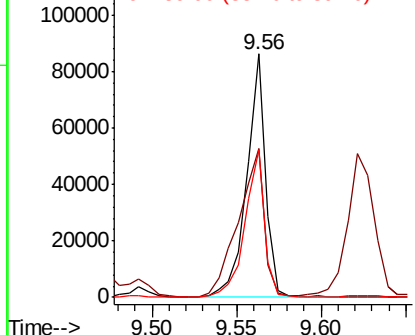
#51
 2,6-Dinitrotoluene
 Concen: 43.358 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 67910
 Ion Ratio Lower Upper
 165 100
 63 61.4 43.8 65.8
 89 60.7 47.6 71.4

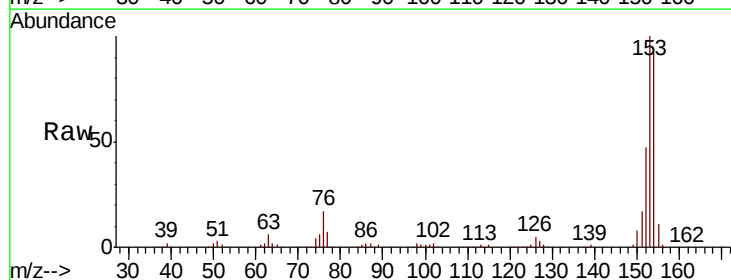


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

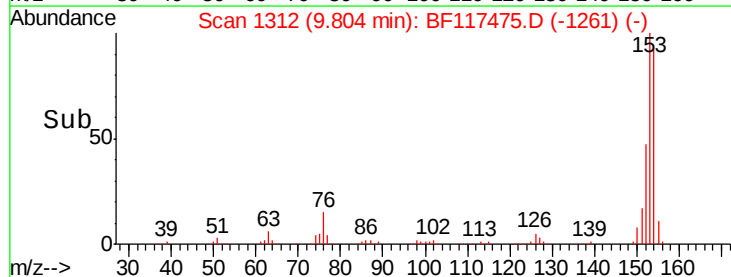
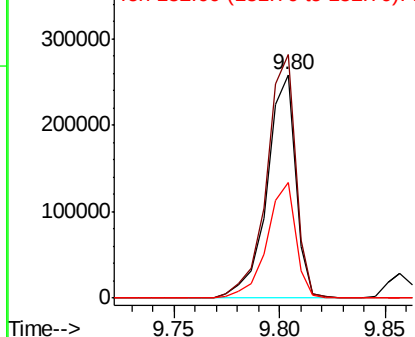


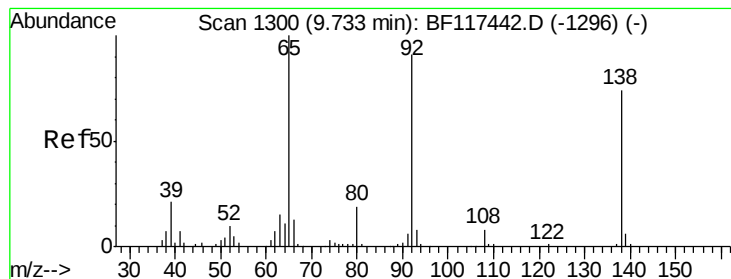
#52
 Acenaphthene
 Concen: 41.481 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:154 Resp: 245667
 Ion Ratio Lower Upper
 154 100
 153 108.8 89.2 133.8
 152 51.6 41.8 62.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 26.584 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

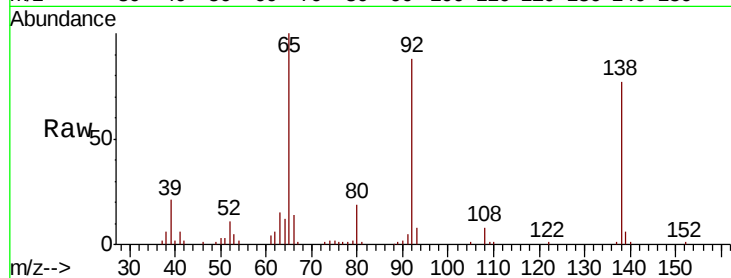
Tot Ion:138 Resp: 50520

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

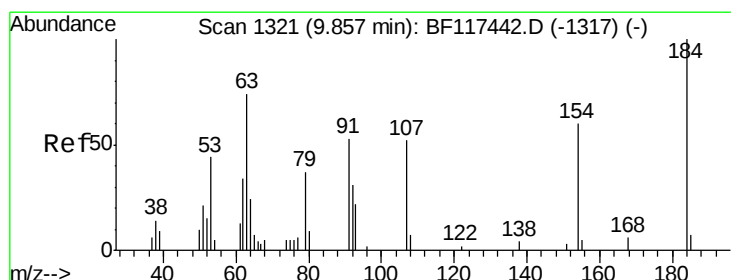
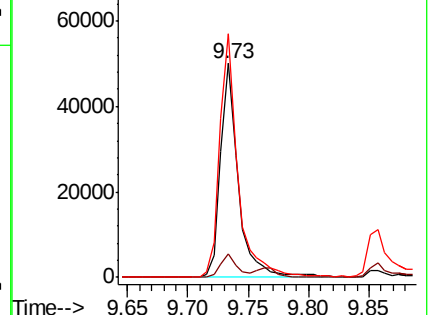
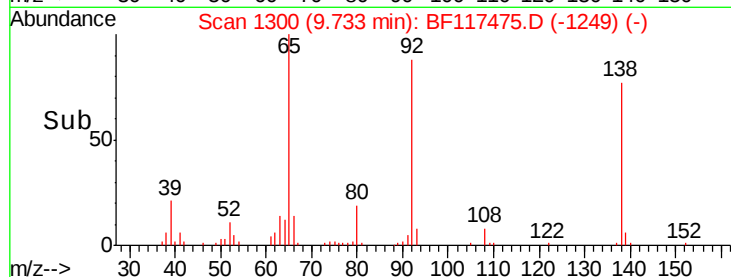
92 113.7 98.4 147.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 70.383 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

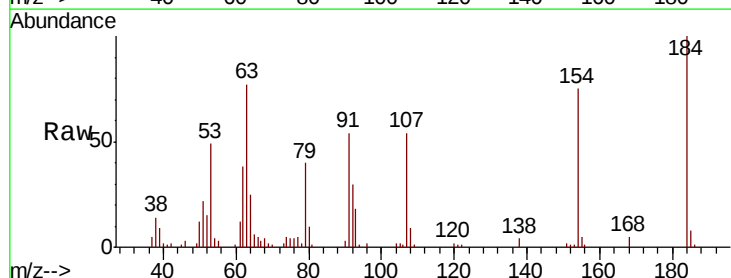
Tgt Ion:184 Resp: 45233

Ion Ratio Lower Upper

184 100

63 76.9 59.2 88.8

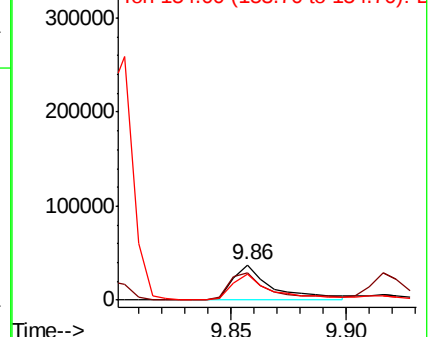
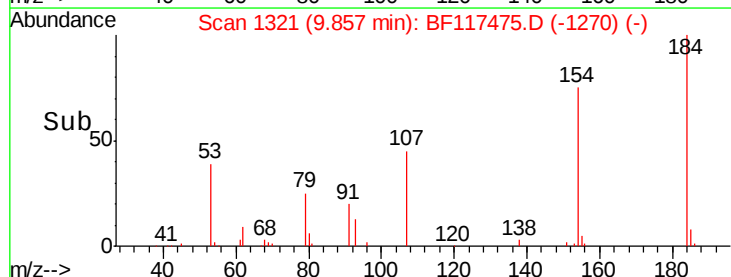
154 75.0 53.4 80.0

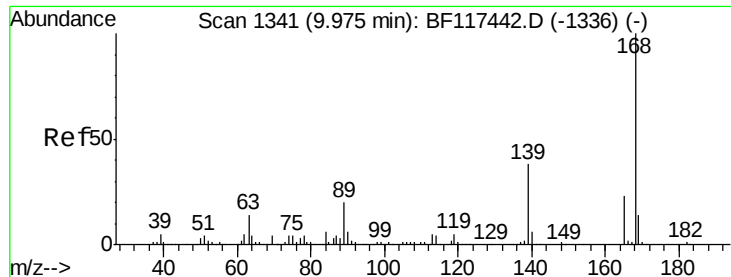


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

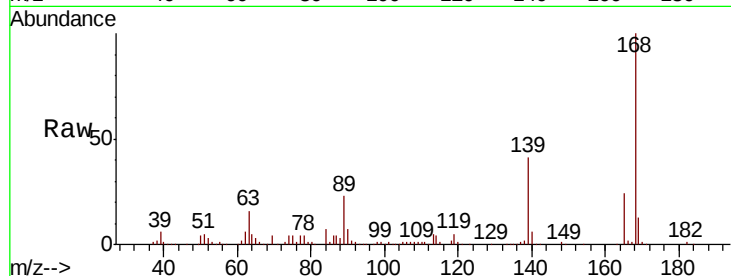




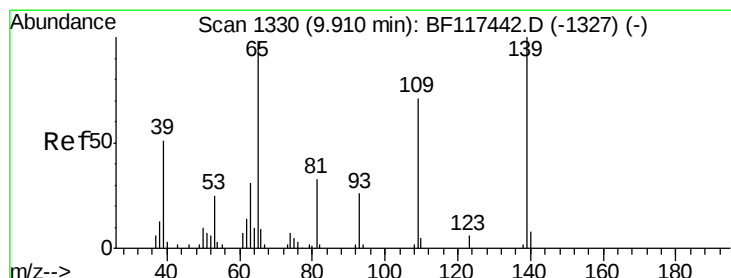
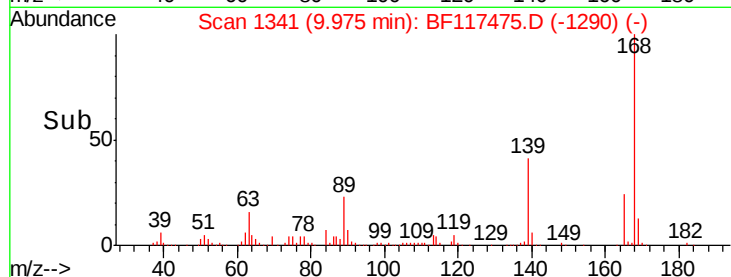
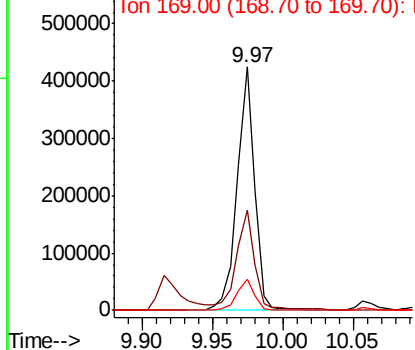
#55
Dibenzofuran
Concen: 42.606 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 365578
Ion Ratio Lower Upper
168 100
139 41.0 31.8 47.6
169 13.0 11.2 16.8

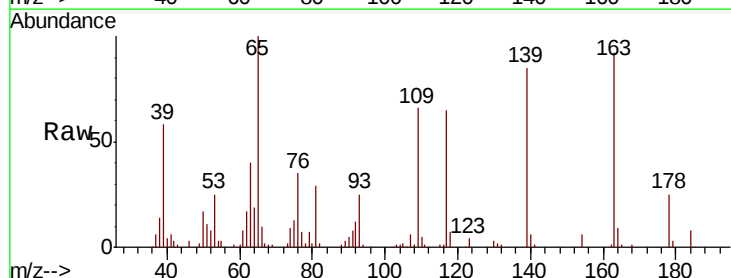


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

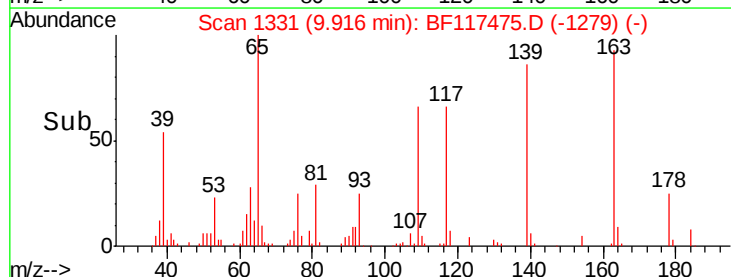
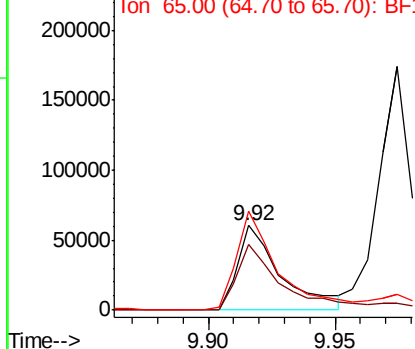


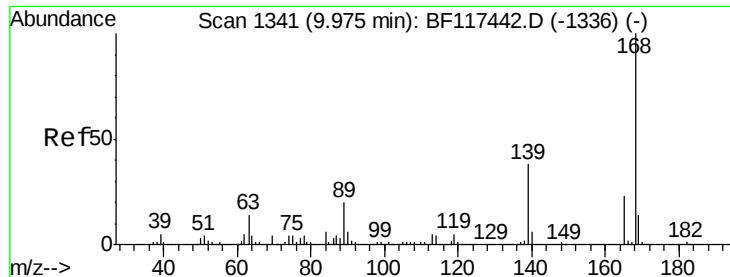
#56
4-Nitrophenol
Concen: 81.565 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:139 Resp: 71425
Ion Ratio Lower Upper
139 100
109 77.4 51.4 91.4
65 117.4 79.4 119.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

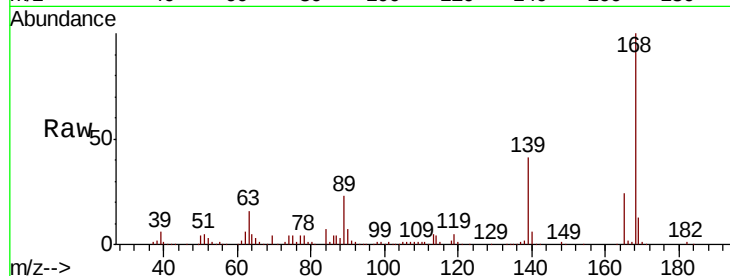




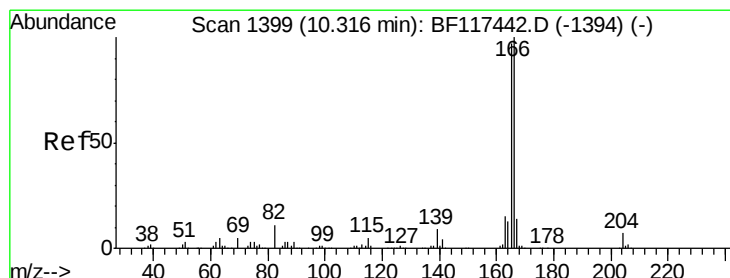
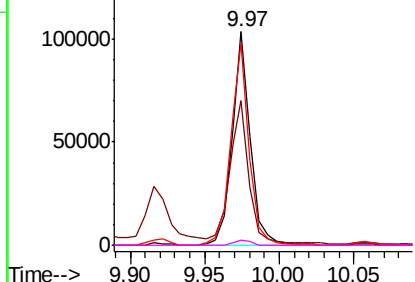
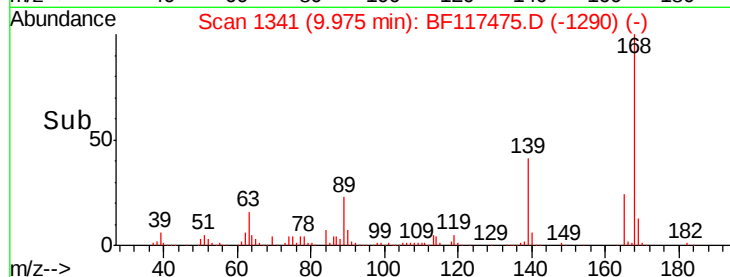
#57
2,4-Dinitrotoluene
Concen: 43.012 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 89568
Ion Ratio Lower Upper
165 100
63 67.6 51.4 77.0
89 94.5 69.9 104.9
182 2.6 1.9 2.9

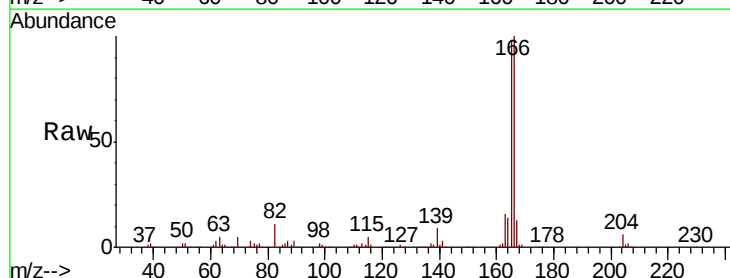


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

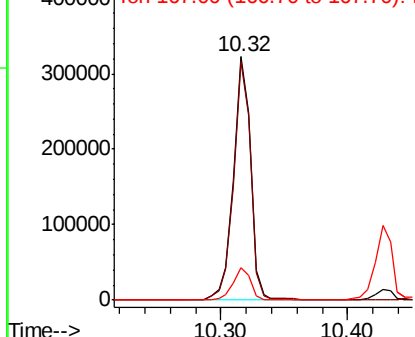
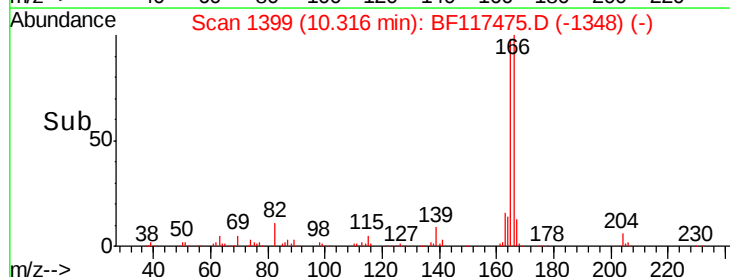


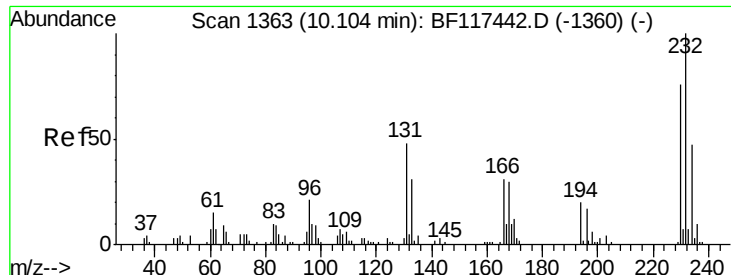
#58
Fluorene
Concen: 42.201 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:166 Resp: 299440
Ion Ratio Lower Upper
166 100
165 98.2 77.6 116.4
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

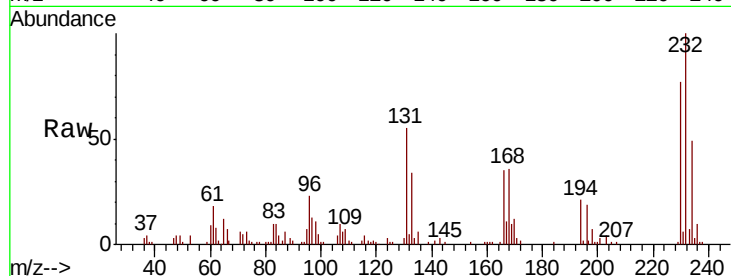




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.632 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.3	42.6	63.8
130	2.5	2.2	3.4
166	32.7	27.5	41.3



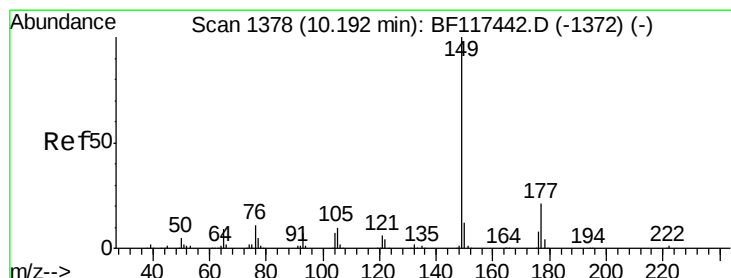
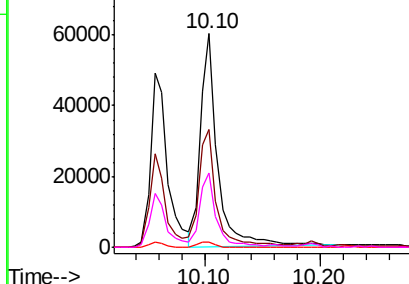
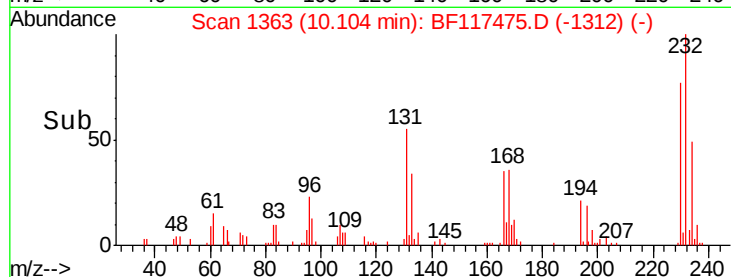
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

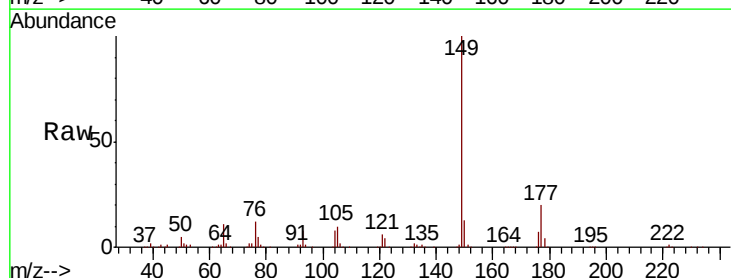
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.623 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.6	17.0	25.4
150	12.5	9.8	14.6

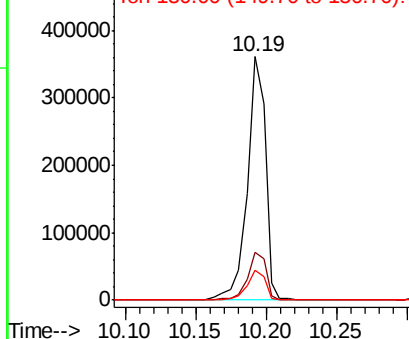
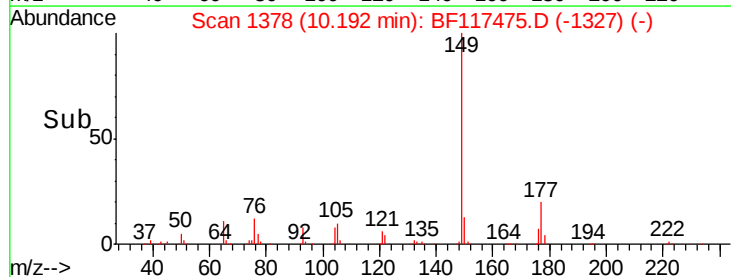


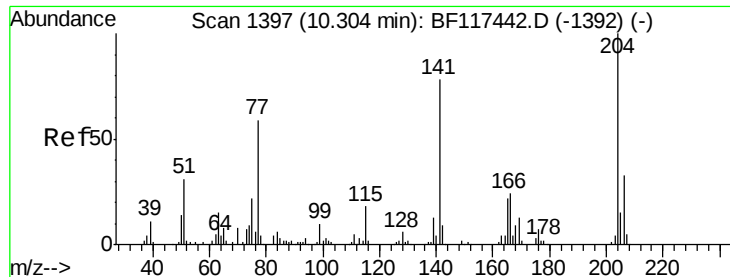
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 41.312 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

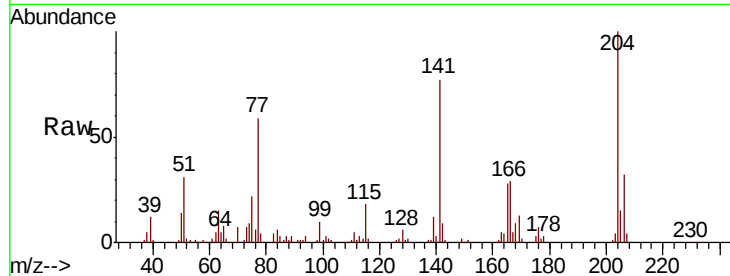
Tot Ion:204 Resp: 131514

Ion Ratio Lower Upper

204 100

206 32.5 26.3 39.5

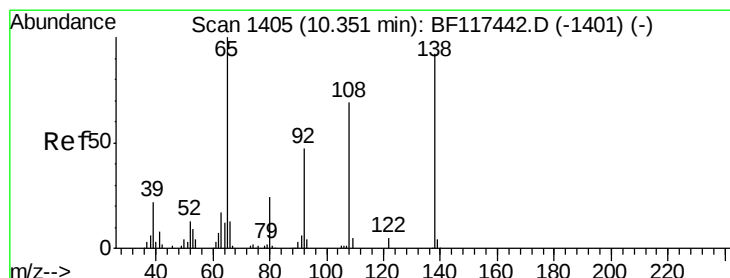
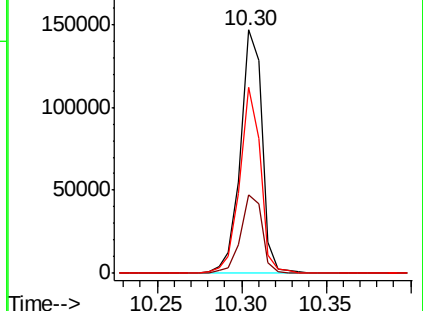
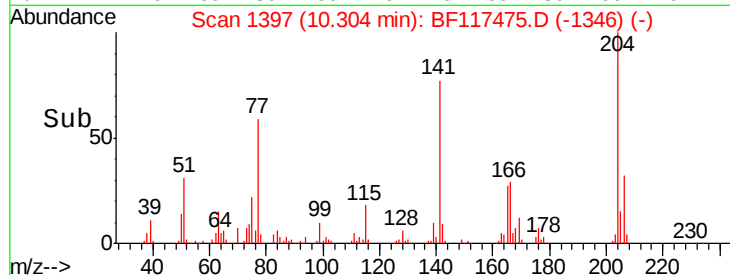
141 76.6 62.2 93.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.006 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

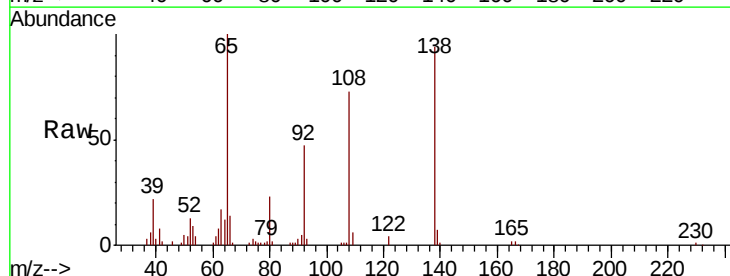
Tgt Ion:138 Resp: 64495

Ion Ratio Lower Upper

138 100

92 50.3 30.3 70.3

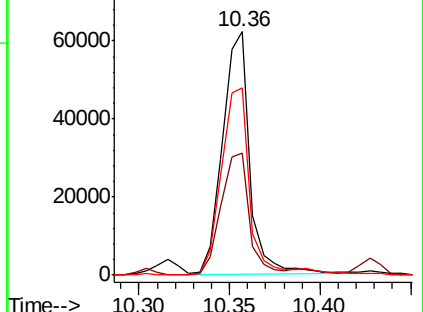
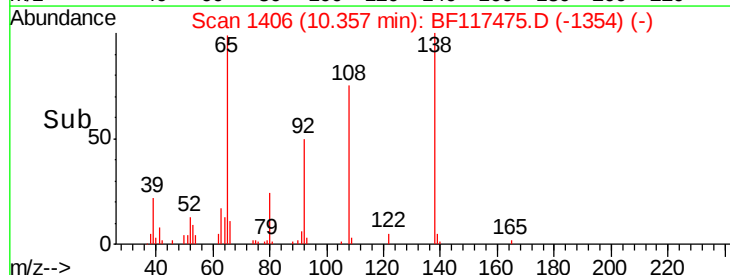
108 77.0 54.9 94.9

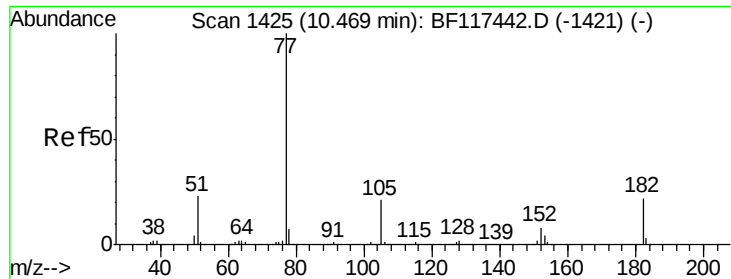


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

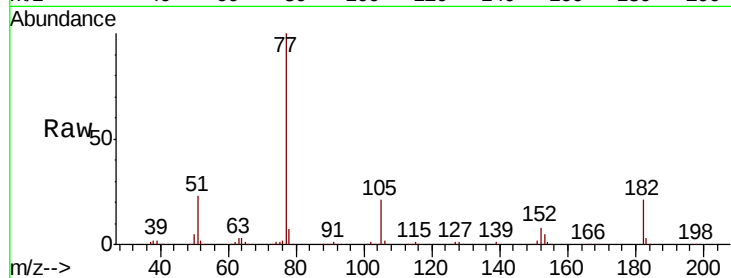




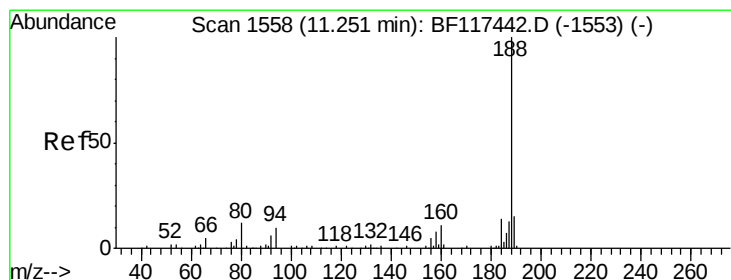
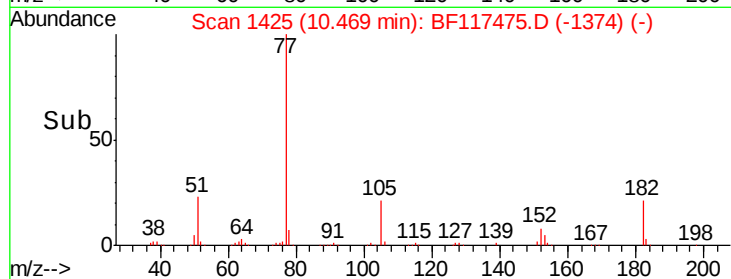
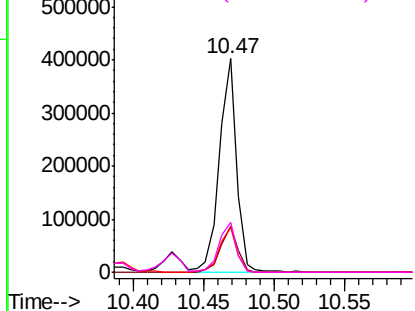
#63
Azobenzene
Concen: 43.672 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	339404
Ion	Ratio	Lower	Upper
77	100		
182	21.3	2.3	42.3
105	21.2	1.3	41.3
51	23.4	3.5	43.5

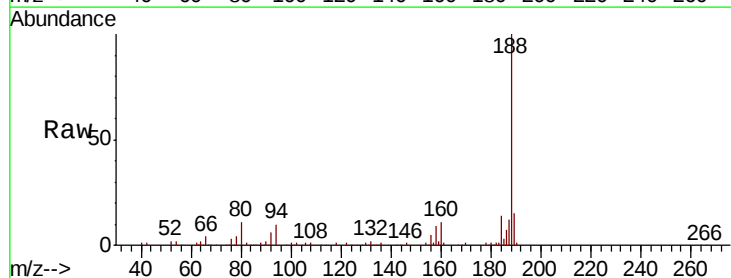


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

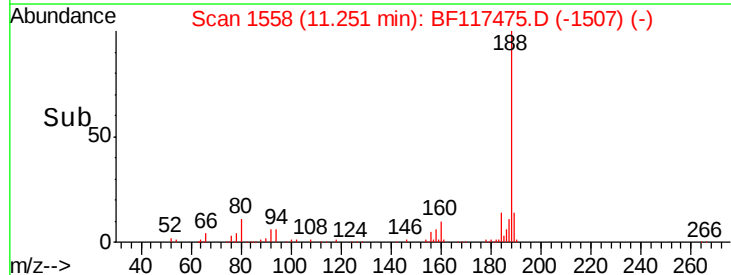
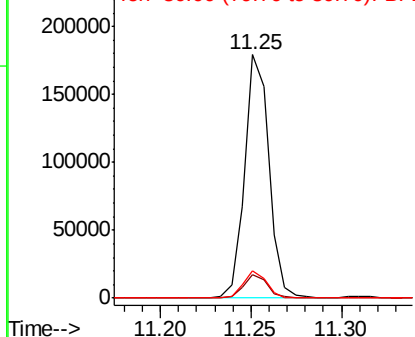


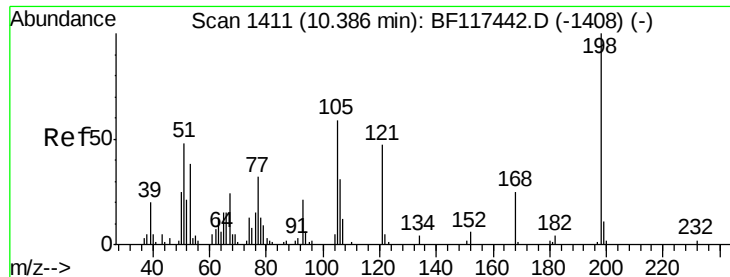
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:	188	Resp:	167490
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	11.4	9.5	14.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 43.722 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampled :

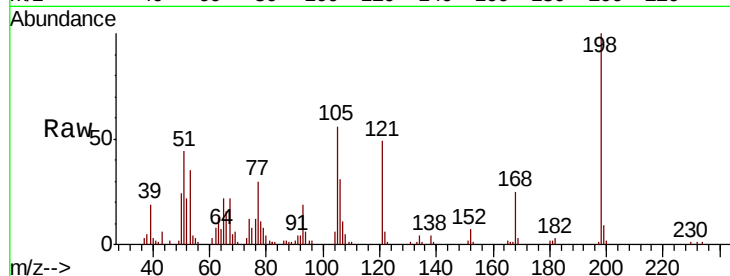
Tot Ion:198 Resp: 37232

Ion Ratio Lower Upper

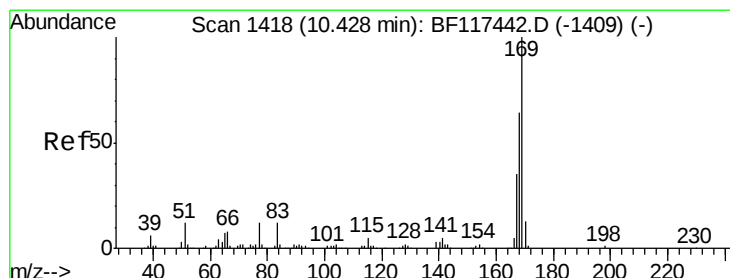
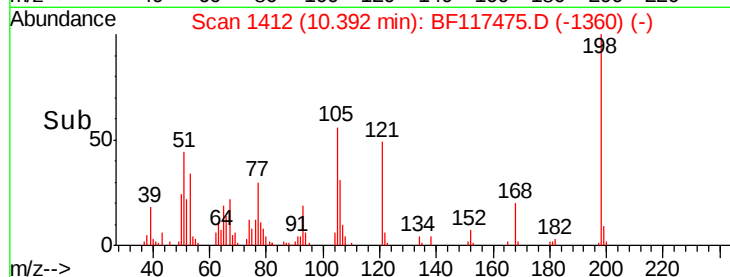
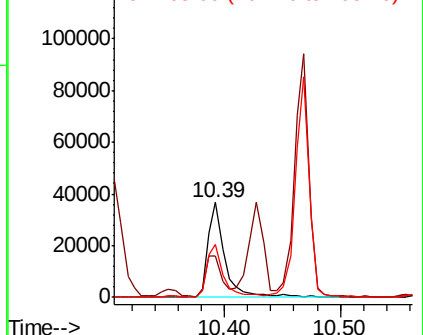
198 100

51 44.2 29.1 69.1

105 56.0 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.765 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

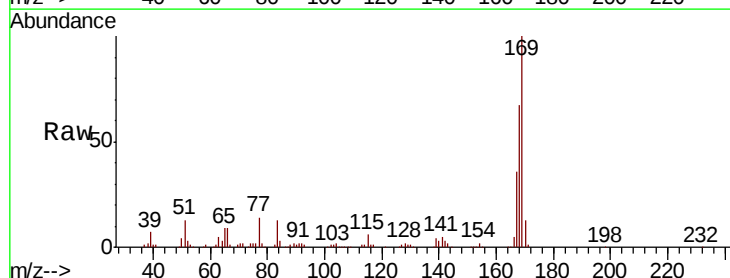
Tgt Ion:169 Resp: 261851

Ion Ratio Lower Upper

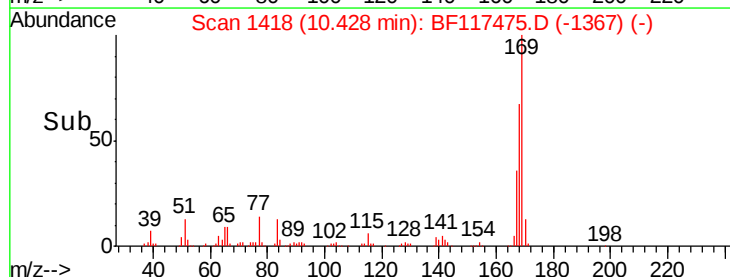
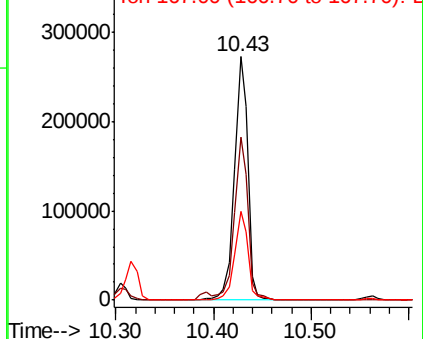
169 100

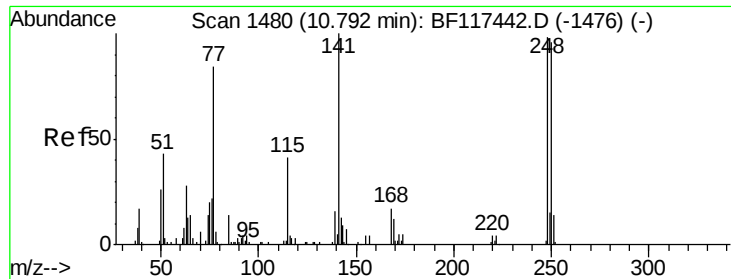
168 67.1 51.3 76.9

167 36.5 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

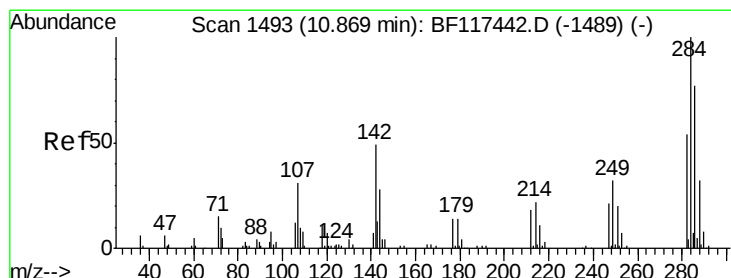
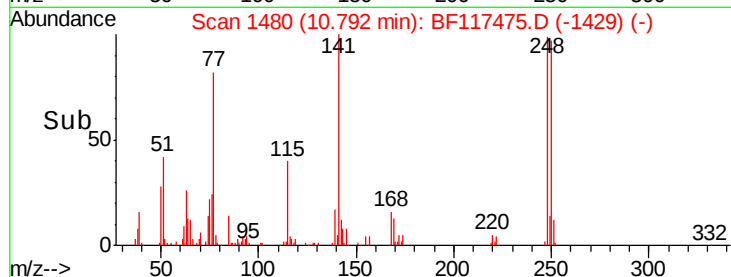
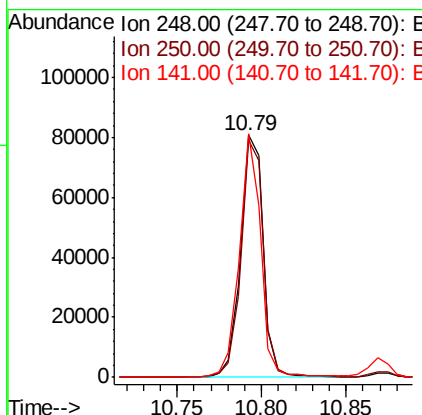
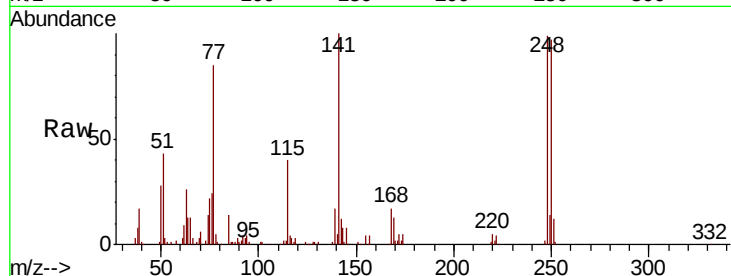




#67
4-Bromophenyl-phenylether
Concen: 41.648 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

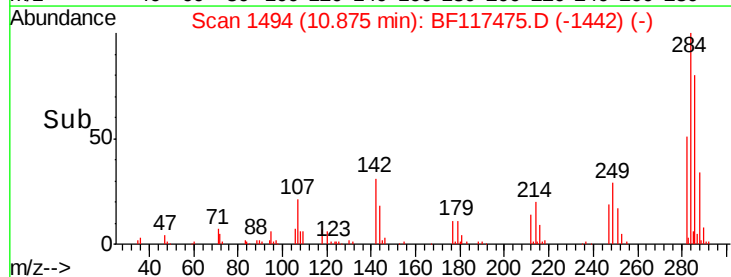
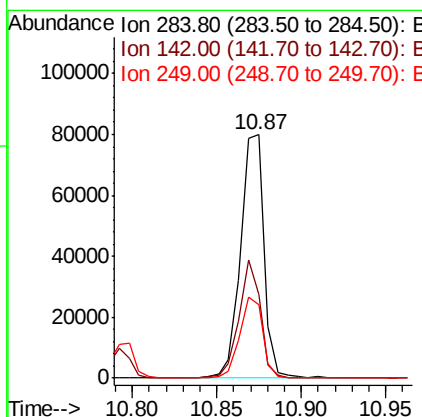
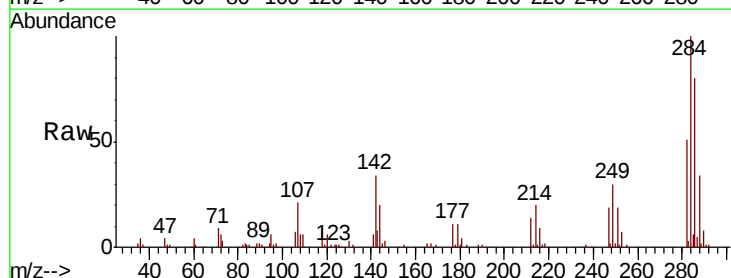
Instrument :
BNA_F
ClientSampled :

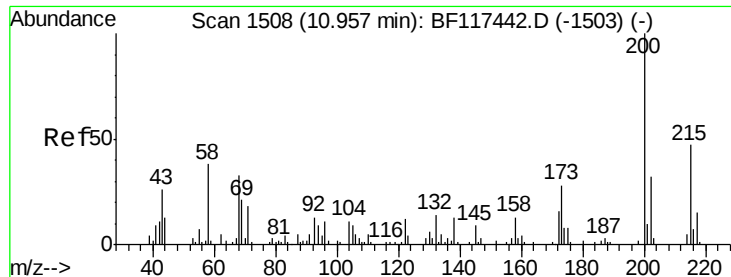
Tot Ion:248 Resp: 75135
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 100.7 81.7 122.5



#68
Hexachlorobenzene
Concen: 40.141 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:284 Resp: 77555
Ion Ratio Lower Upper
284 100
142 34.2 39.0 58.6#
249 30.4 25.7 38.5

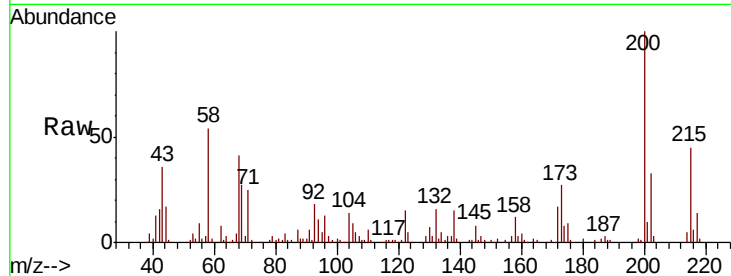




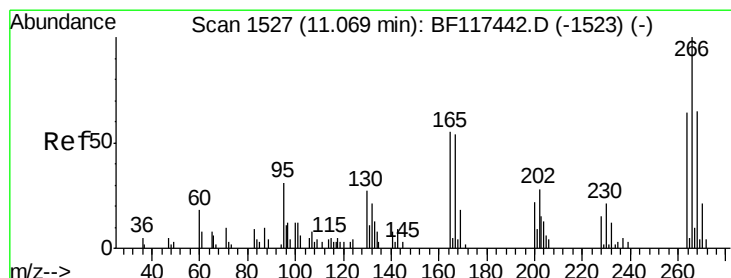
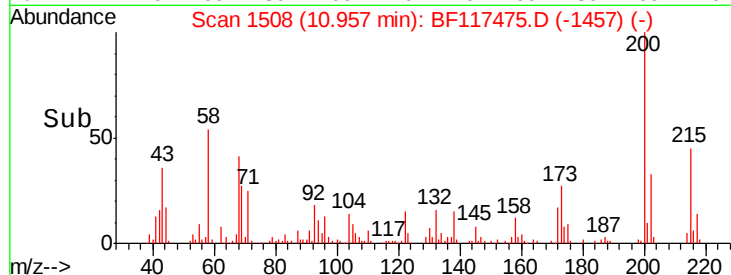
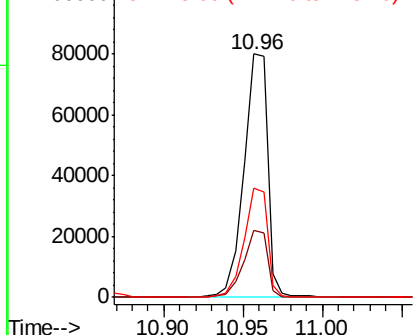
#69
Atrazine
Concen: 53.331 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 83082
Ion Ratio Lower Upper
200 100
173 27.4 8.2 48.2
215 45.1 26.8 66.8

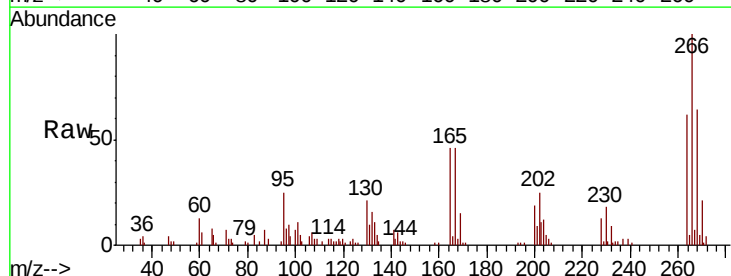


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

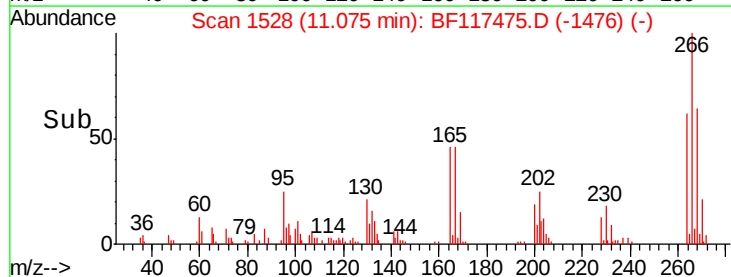
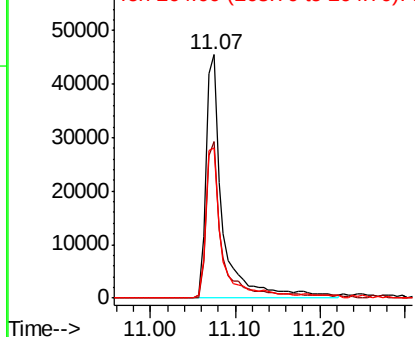


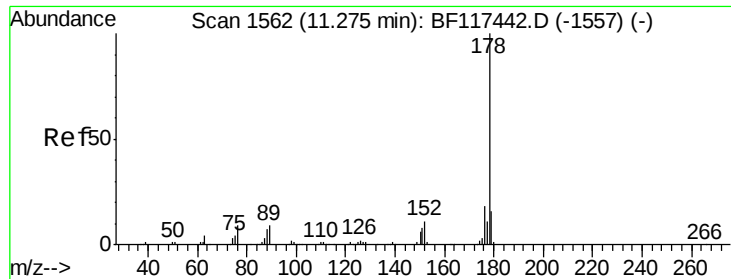
#70
Pentachlorophenol
Concen: 108.202 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:266 Resp: 62670
Ion Ratio Lower Upper
266 100
268 64.2 51.6 77.4
264 61.8 51.4 77.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.138 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

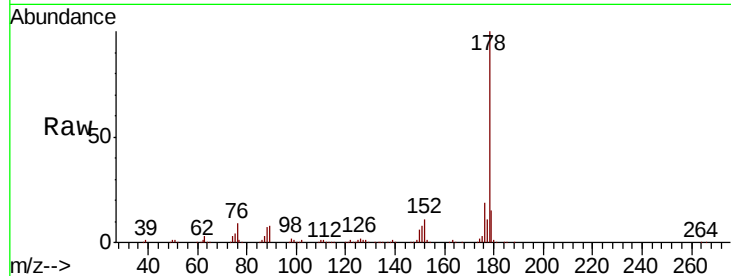
Tot Ion:178 Resp: 409816

Ion Ratio Lower Upper

178 100

176 19.2 14.6 22.0

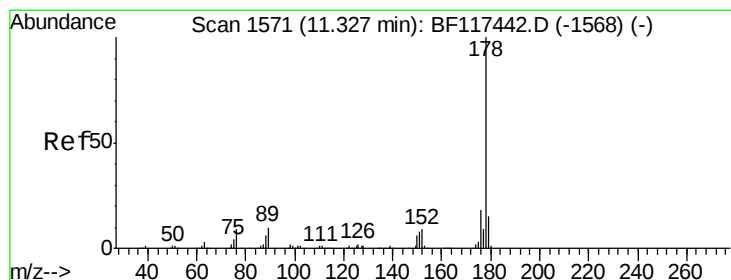
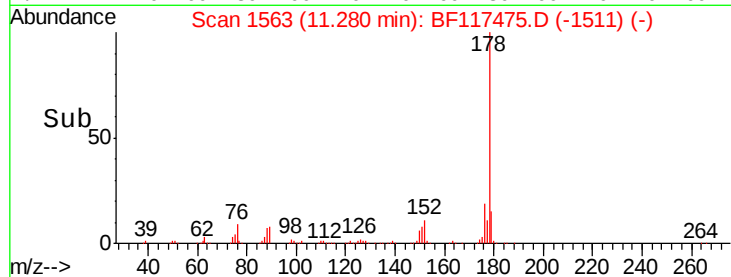
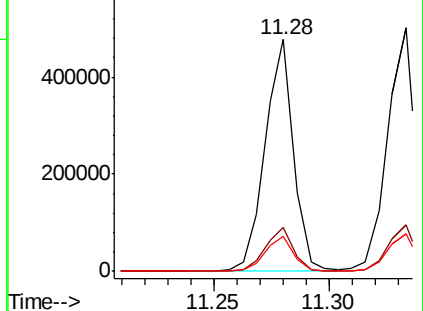
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.378 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

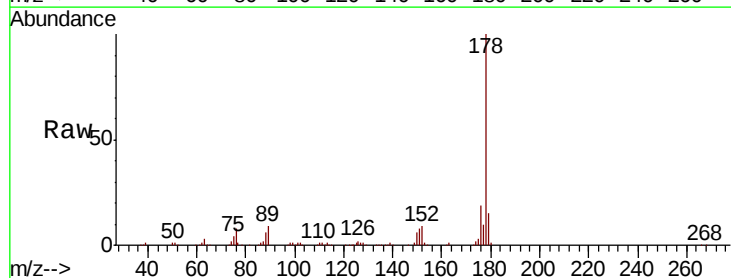
Tgt Ion:178 Resp: 432867

Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

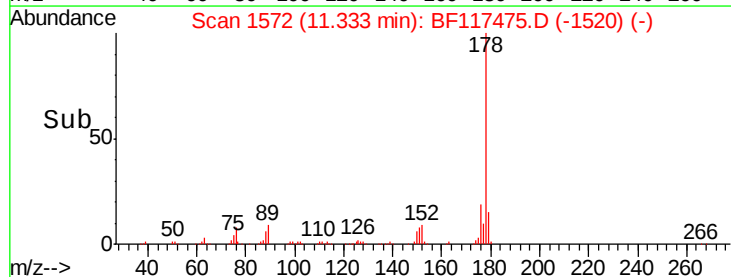
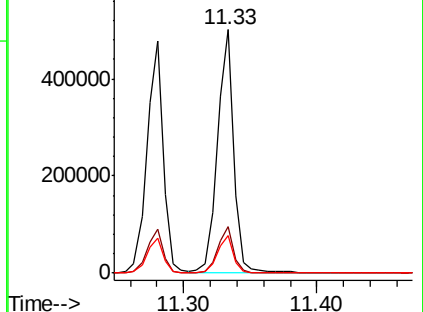
179 15.4 12.2 18.2

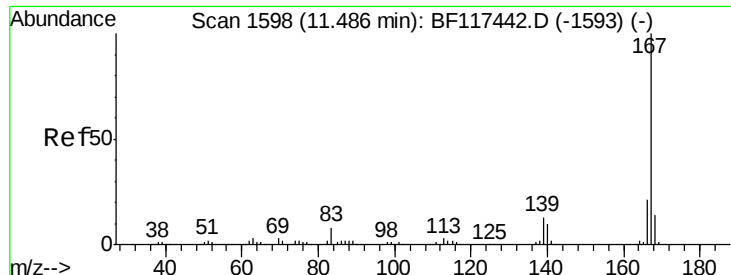


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 42.642 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

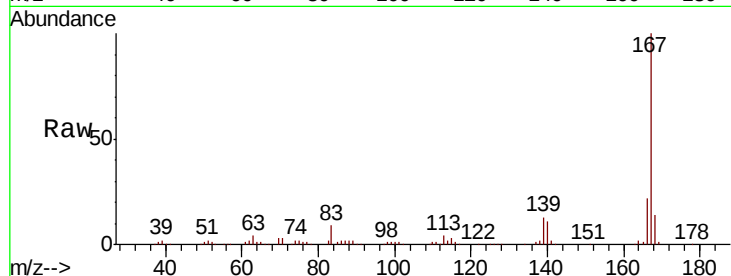
Tot Ion:167 Resp: 388871

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

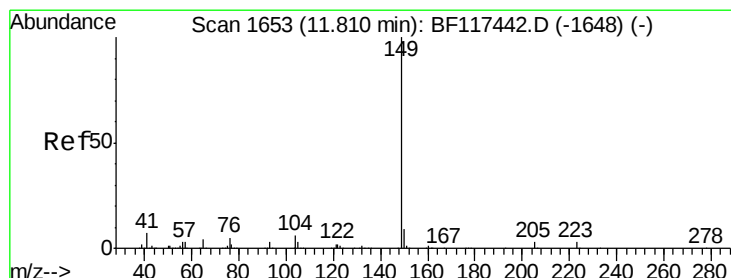
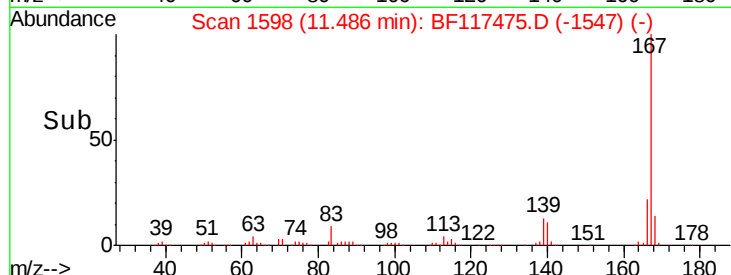
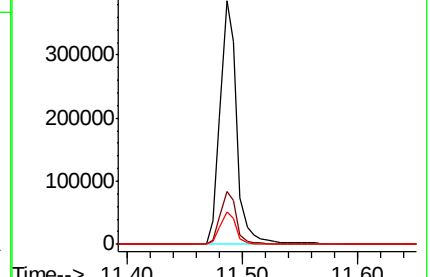
139 13.5 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.401 ng

RT: 11.81 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

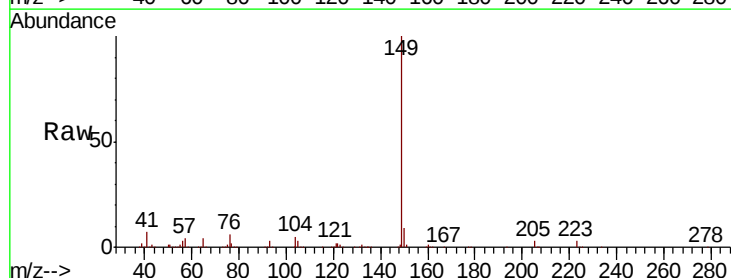
Tgt Ion:149 Resp: 528846

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

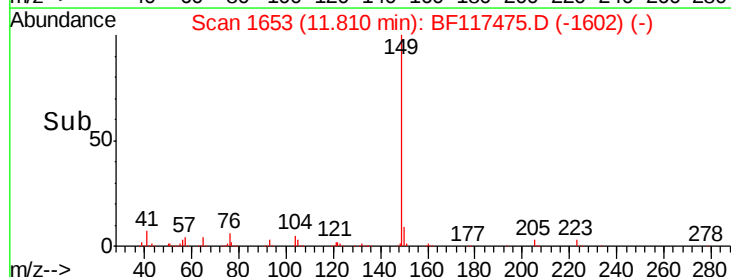
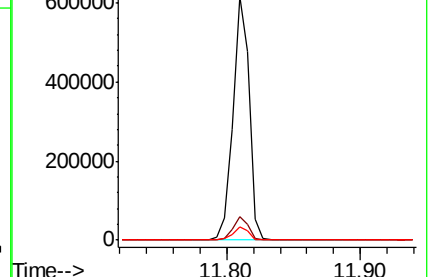
104 5.5 4.6 6.8

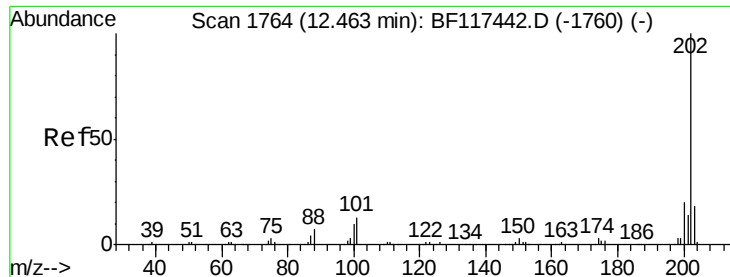


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

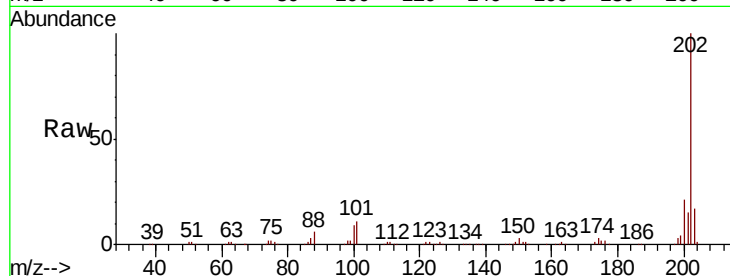




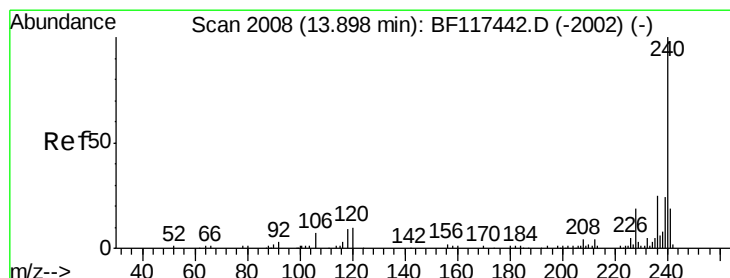
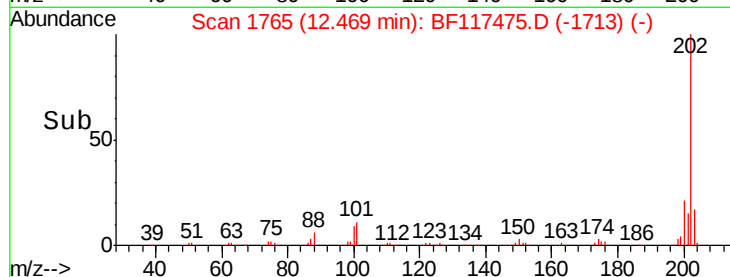
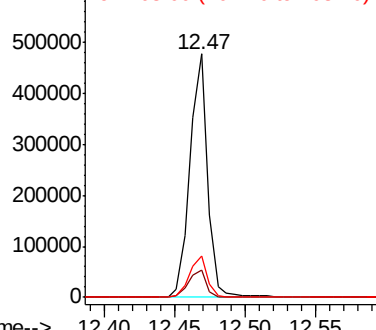
#75
 Fluoranthene
 Concen: 42.860 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 417289
 Ion Ratio Lower Upper
 202 100
 101 11.4 0.0 32.7
 203 17.2 0.0 37.6

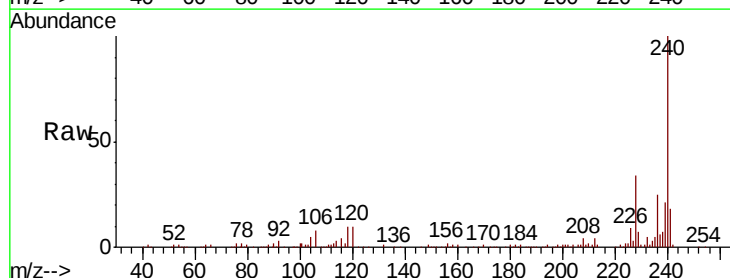


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

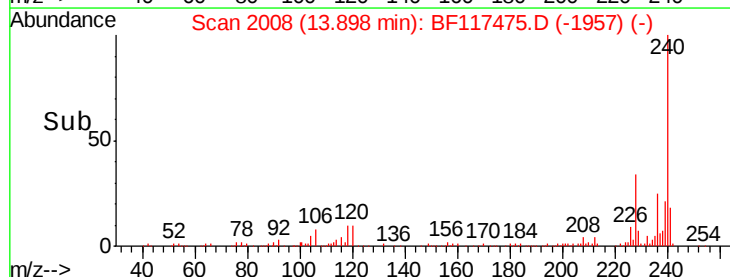
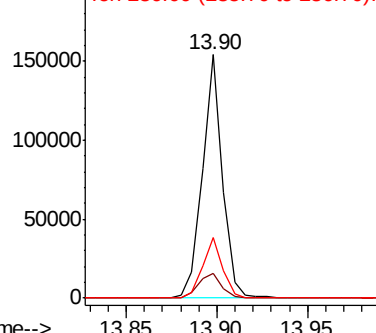


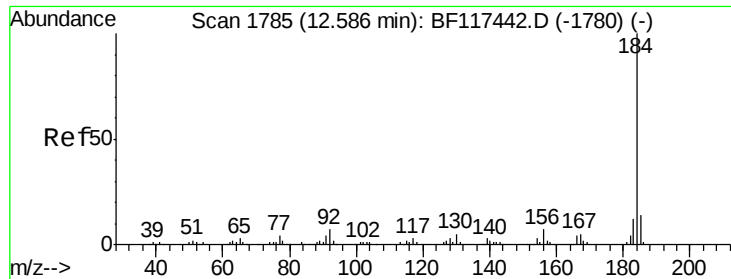
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:240 Resp: 118709
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.4 12.6
 236 24.8 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

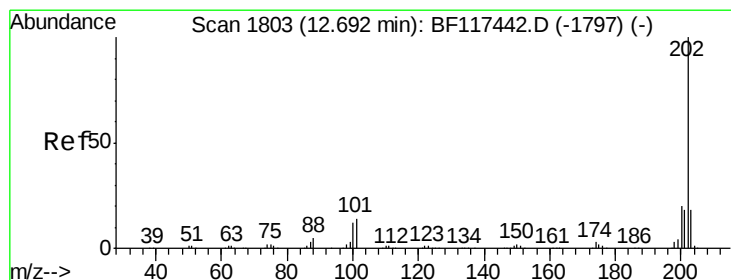
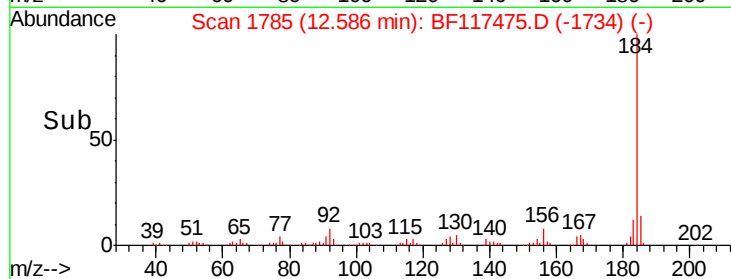
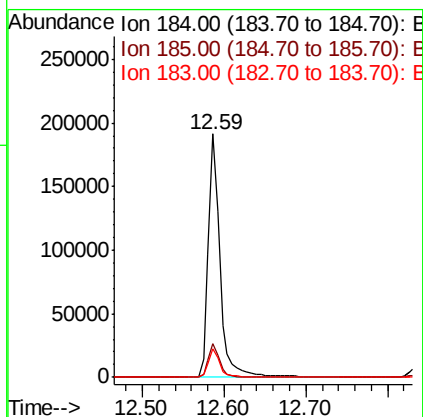
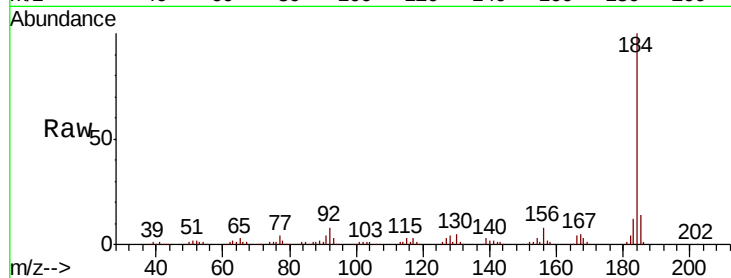




#77
Benzidine
Concen: 74.739 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

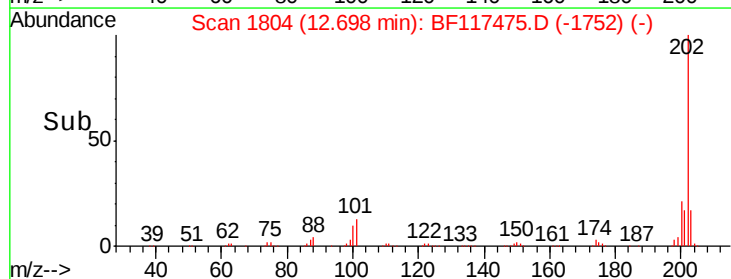
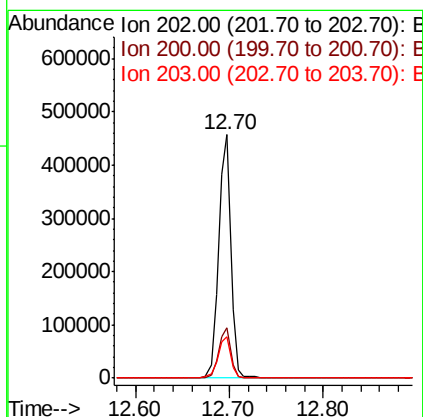
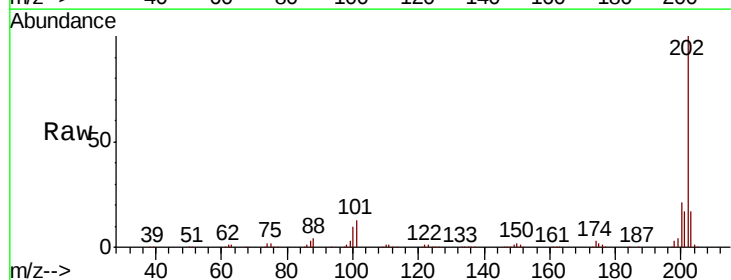
Instrument :
BNA_F
ClientSampleId :

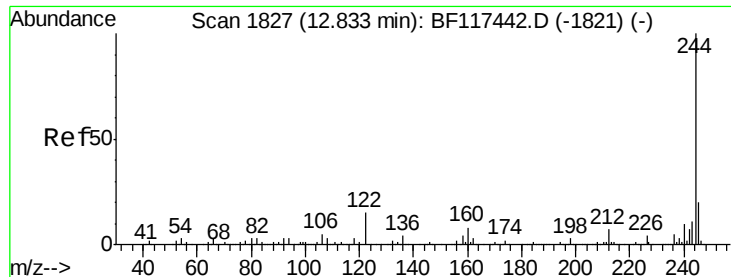
Tot Ion:184 Resp: 190869
Ion Ratio Lower Upper
184 100
185 13.8 11.4 17.0
183 12.0 9.6 14.4



#78
Pyrene
Concen: 41.245 ng
RT: 12.70 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:202 Resp: 420556
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 17.1 14.0 21.0





#79

Terphenyl-d14

Concen: 61.376 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

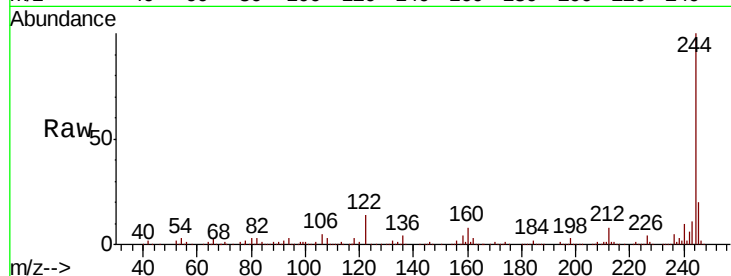
Tot Ion:244 Resp: 446679

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

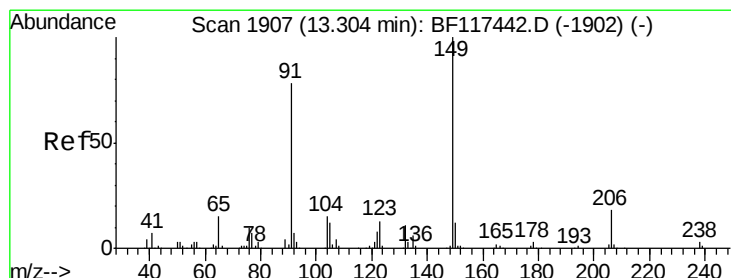
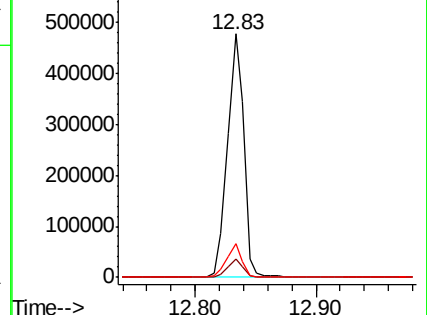
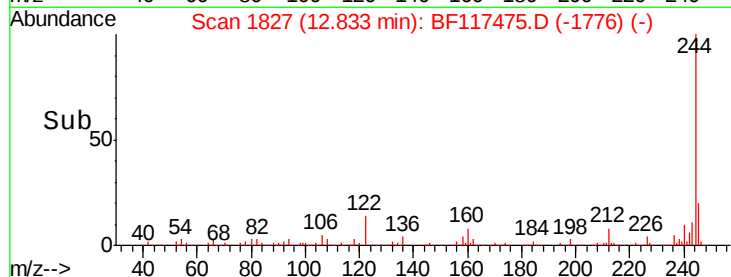
122 13.8 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.113 ng

RT: 13.30 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

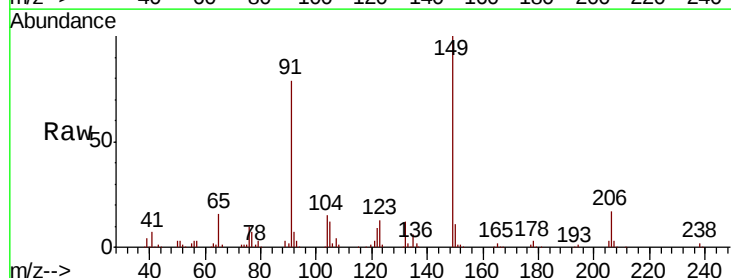
Tgt Ion:149 Resp: 213681

Ion Ratio Lower Upper

149 100

91 78.9 62.1 93.1

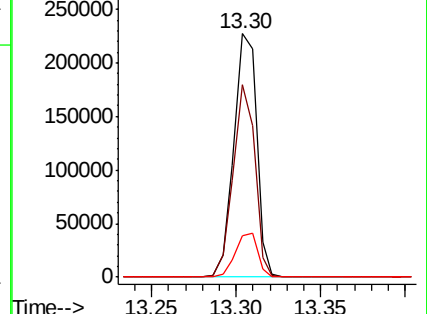
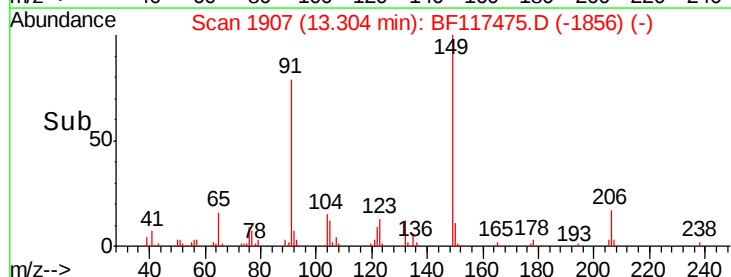
206 16.9 14.3 21.5

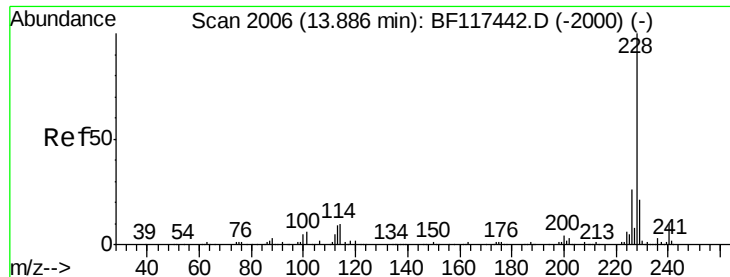


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.730 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

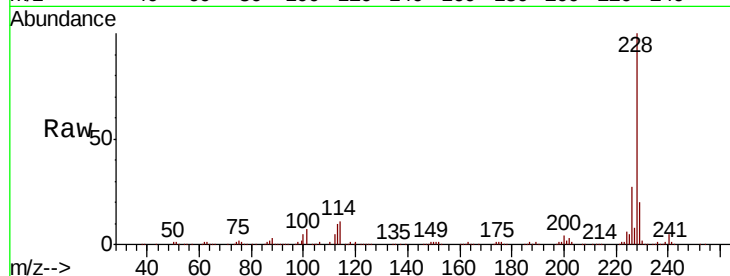
Tot Ion:228 Resp: 334149

Ion Ratio Lower Upper

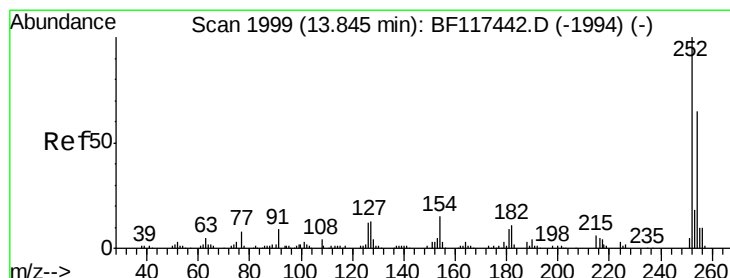
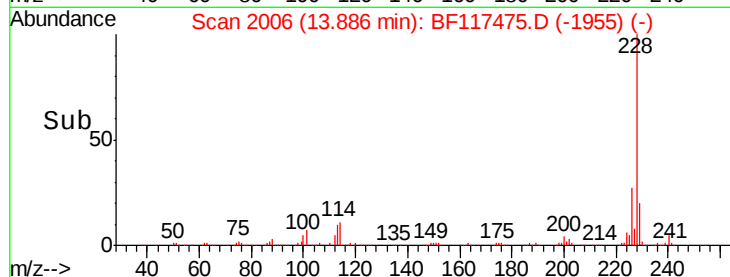
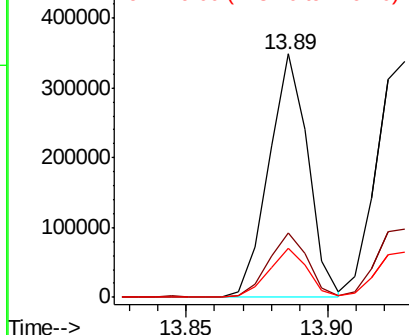
228 100

226 26.7 21.0 31.4

229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.571 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

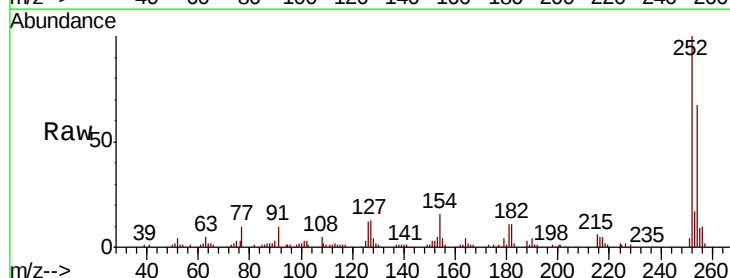
Tgt Ion:252 Resp: 81839

Ion Ratio Lower Upper

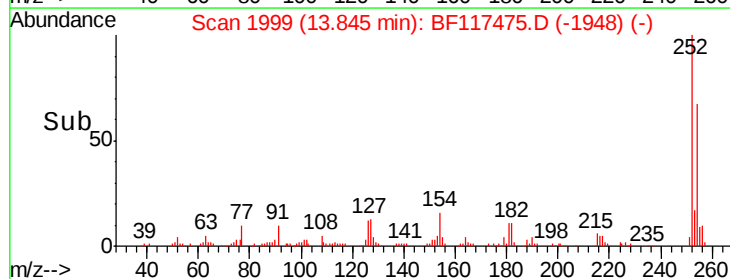
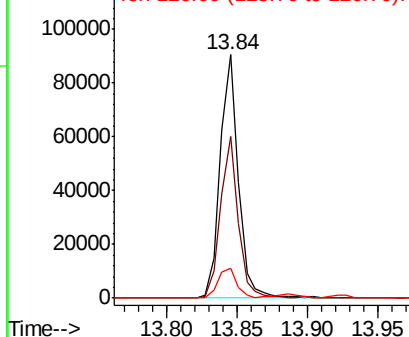
252 100

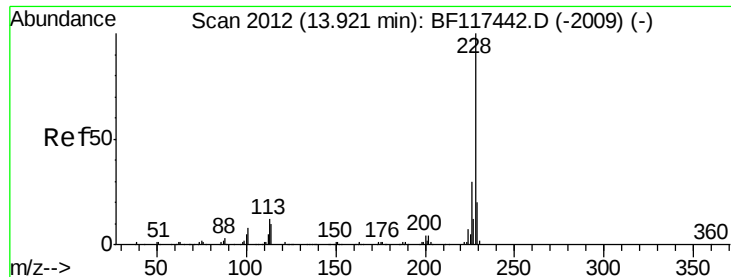
254 66.5 52.2 78.4

126 12.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

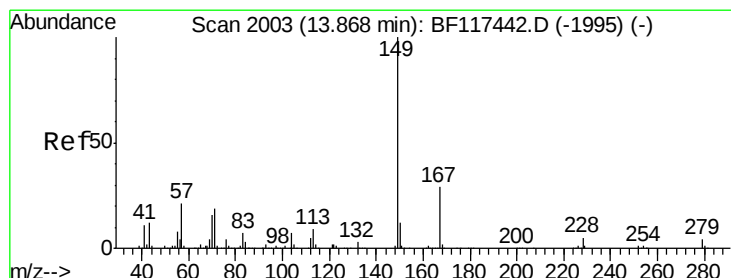
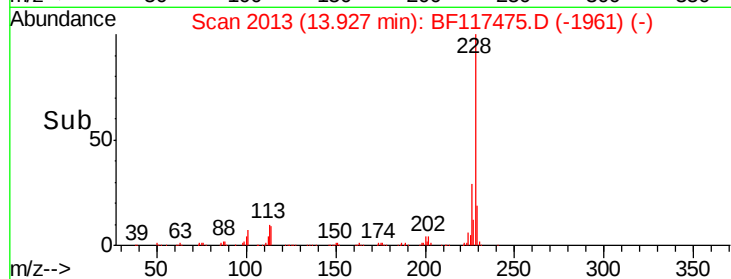
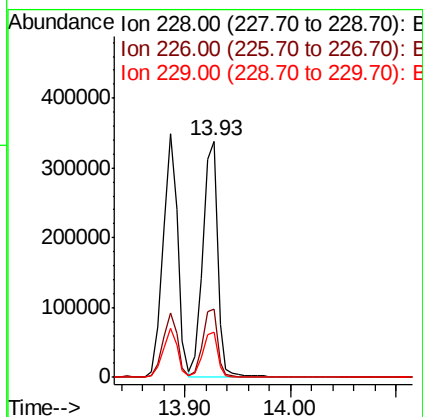
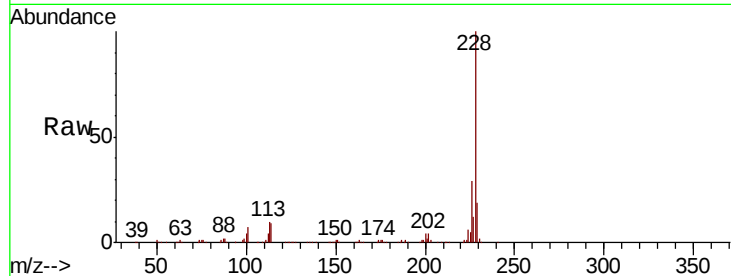




#83
 Chrvsene
 Concen: 41.760 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

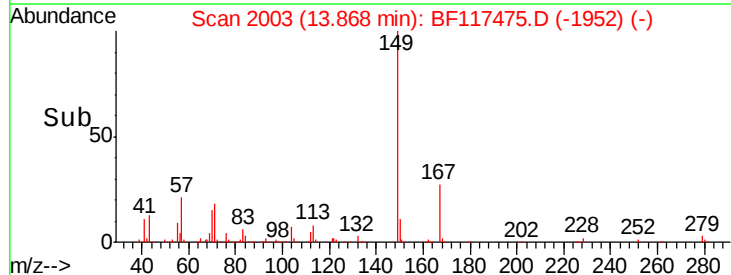
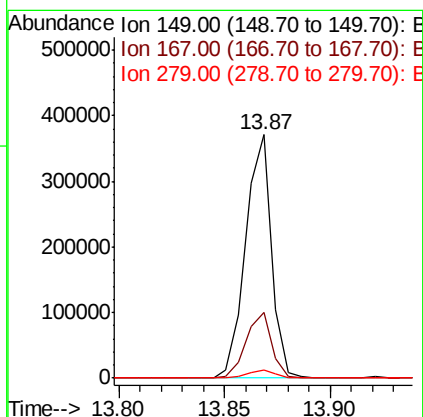
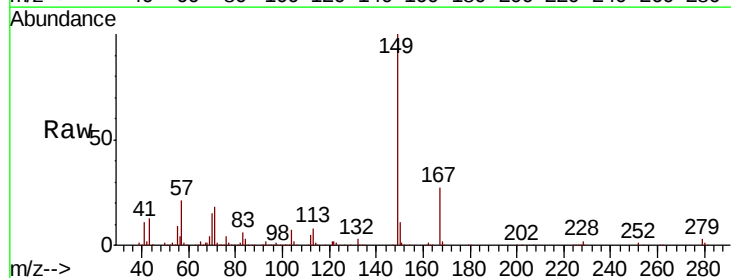
Instrument :
 BNA_F
 ClientSampleId :

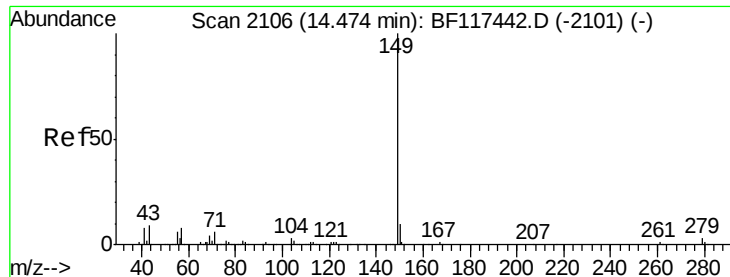
Tot Ion:228 Resp: 327723
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.9 35.9
 229 19.1 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.422 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117475.D
 Acq: 22 Oct 2019 13:46

Tgt Ion:149 Resp: 315736
 Ion Ratio Lower Upper
 149 100
 167 26.9 23.3 34.9
 279 3.3 3.2 4.8

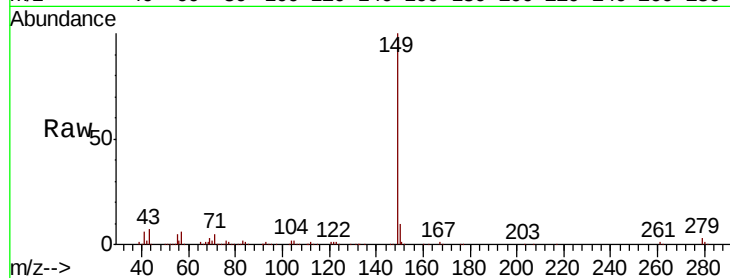




#85
Di-n-octyl phthalate
Concen: 46.849 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	6.8	10.2

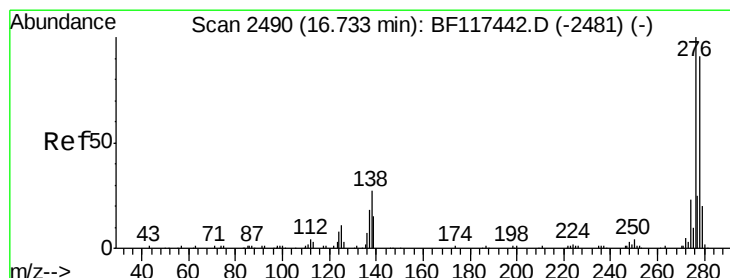
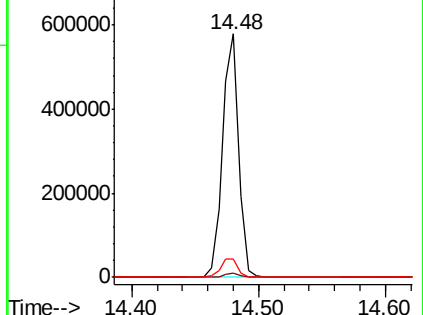
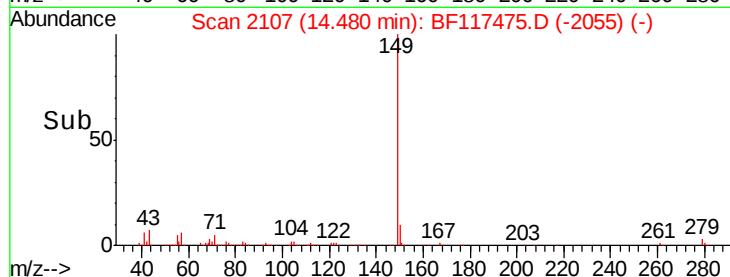


Abundance

Ion 149.00 (148.70 to 149.70): E

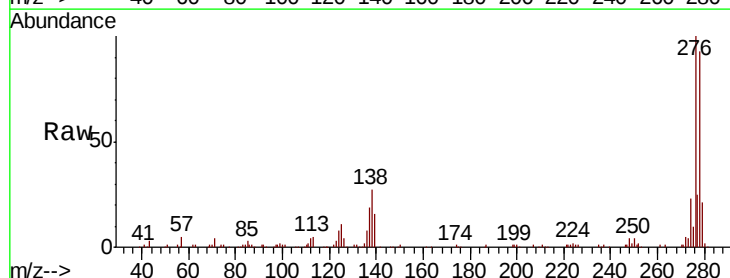
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.832 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.8
277	24.9	20.0	30.0

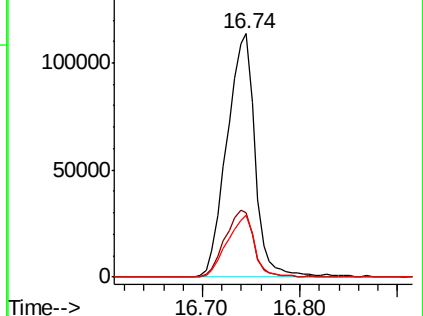
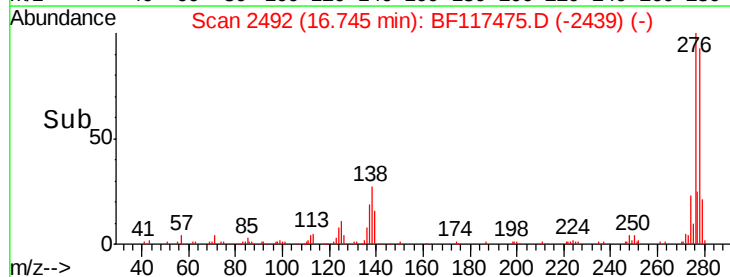


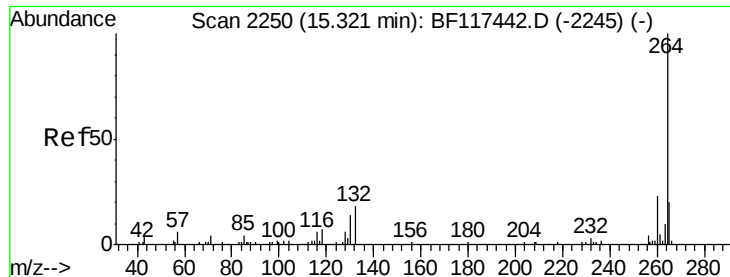
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



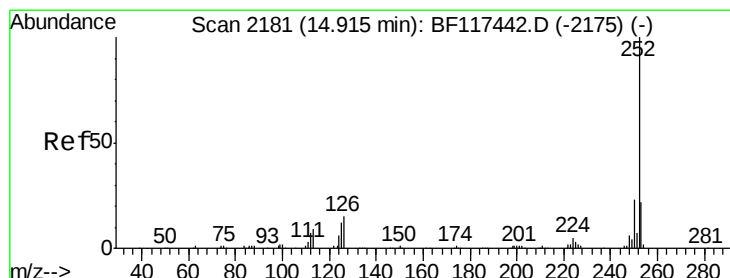
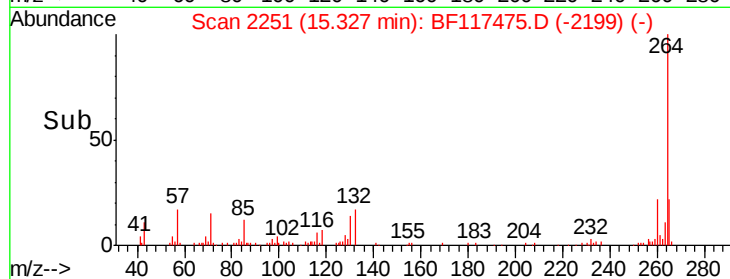
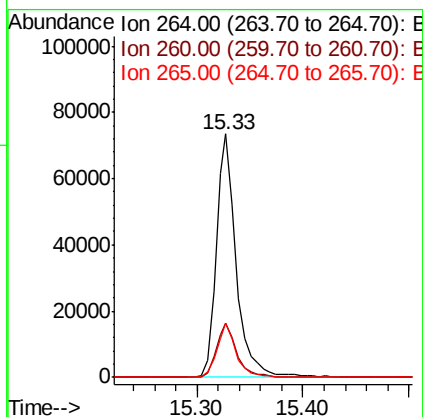
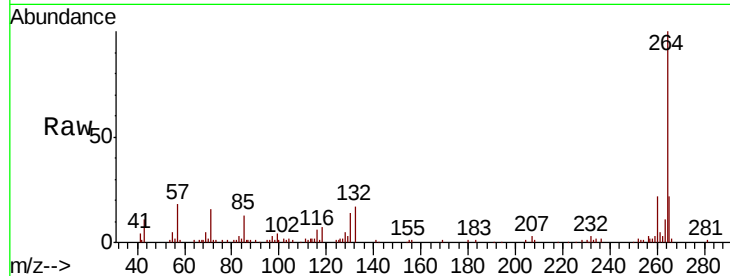


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 97027

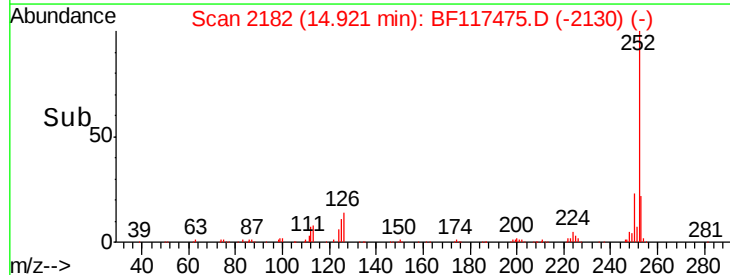
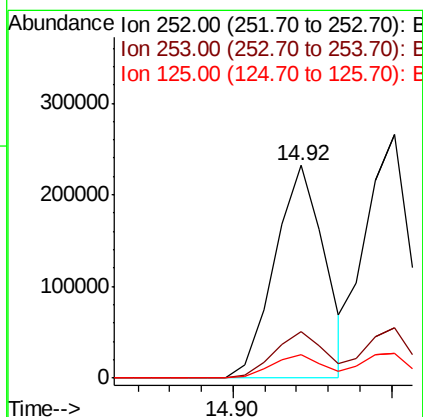
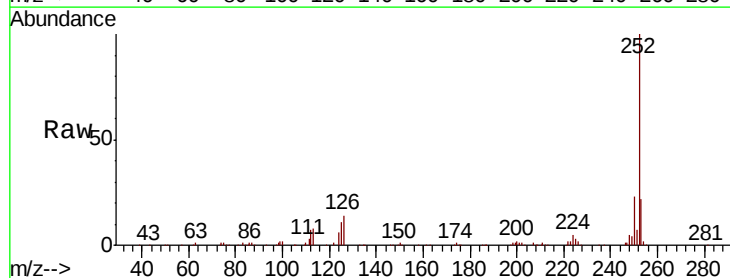
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	22.3	16.1	24.1

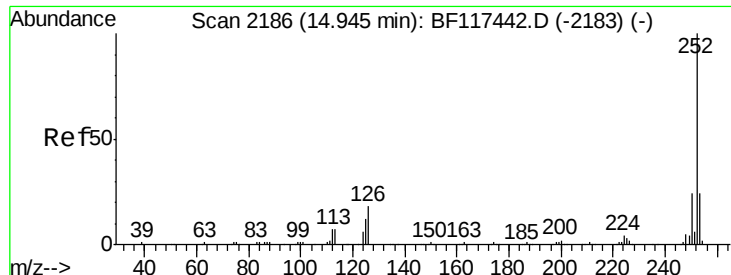


#88
Benzo(b)fluoranthene
Concen: 44.458 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion:252 Resp: 254724

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.3	9.9	14.9

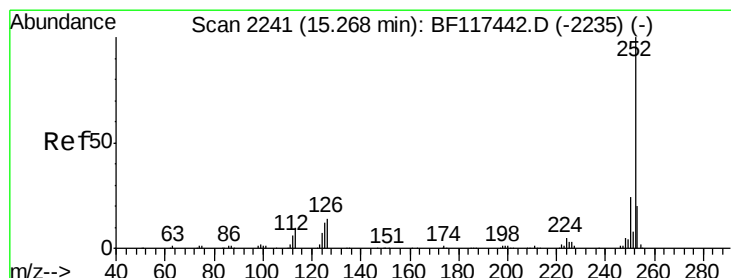
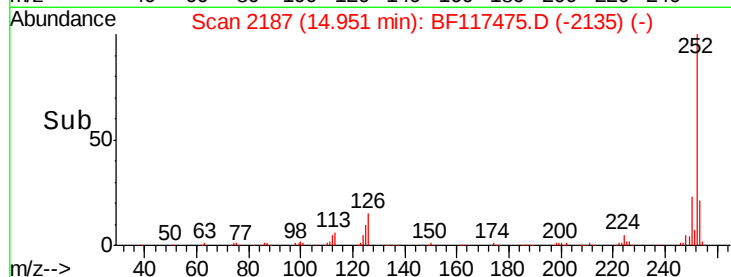
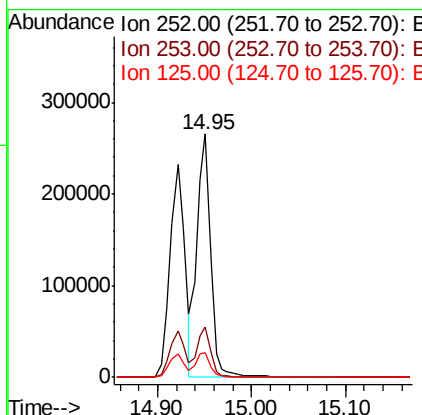
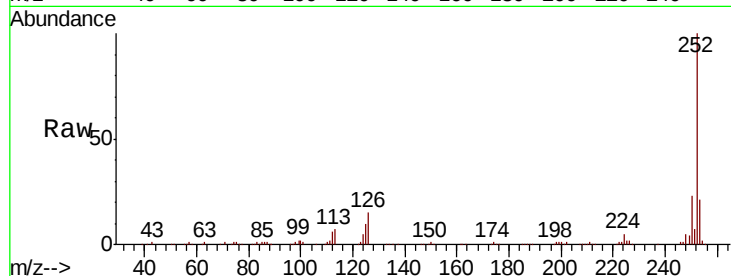




#89
Benzo(k)fluoranthene
Concen: 46.280 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

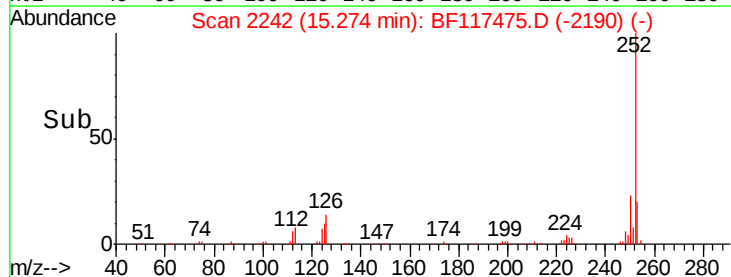
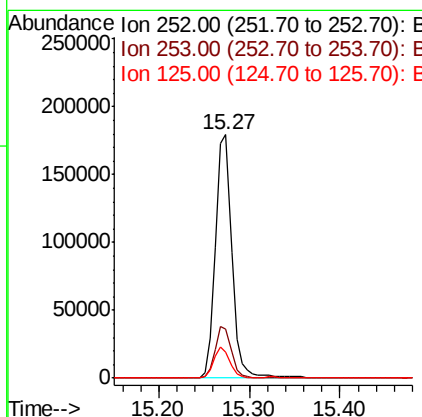
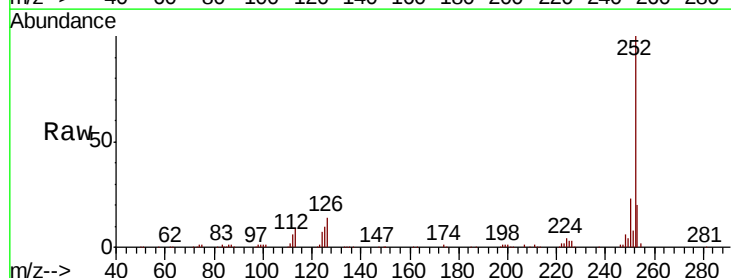
Instrument :
BNA_F
ClientSampleId :

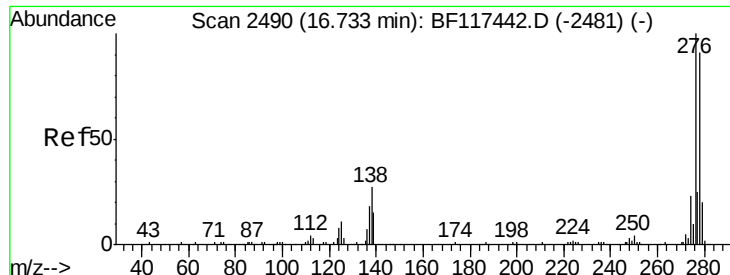
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	10.0	8.9	13.3



#90
Benzo(a)pyrene
Concen: 43.475 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117475.D
Acq: 22 Oct 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	16.3	24.5
125	10.5	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 43.232 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

Instrument :

BNA_F

ClientSampleId :

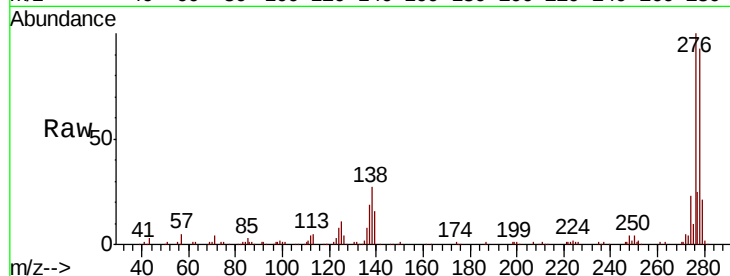
Tot Ion:278 Resp: 194733

Ion Ratio Lower Upper

278 100

139 17.3 13.4 20.0

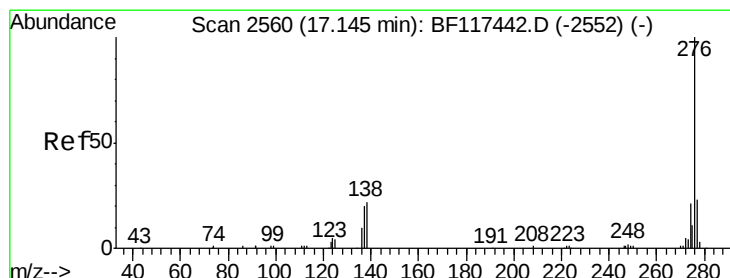
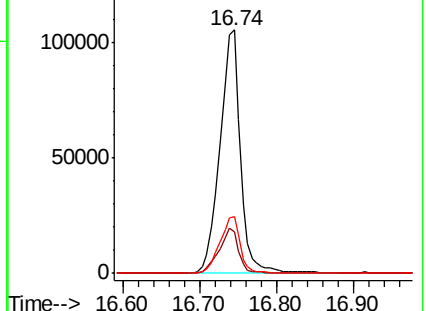
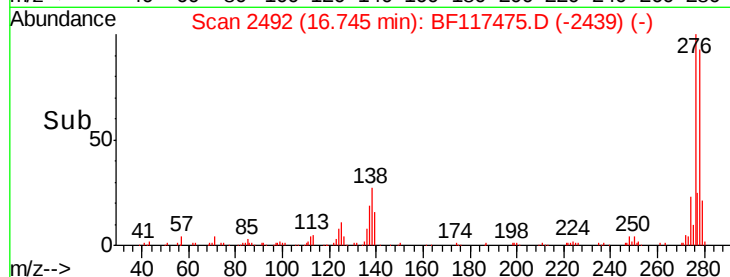
279 23.1 17.8 26.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.297 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.01 min

Lab File: BF117475.D

Acq: 22 Oct 2019 13:46

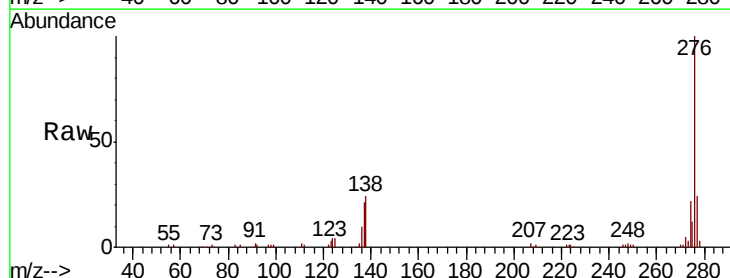
Tgt Ion:276 Resp: 184529

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 24.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

