

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117473.D
 Acq On : 22 Oct 2019 12:43
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 14:49:42 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	45372	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	191789	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	97806	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	154978	20.00	ng	0.00
76) Chrysene-d12	13.90	240	104779	20.00	ng	0.00
87) Perylene-d12	15.33	264	92124	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	264623	86.77	ng	0.00
7) Phenol-d6	6.39	99	342817	83.69	ng	0.00
23) Nitrobenzene-d5	7.30	82	328301	84.51	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	69991	82.70	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	574644	82.78	ng	0.00
79) Terphenyl-d14	12.83	244	537381	83.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	53108	41.418	ng	99
3) Pyridine	3.12	79	138057	43.982	ng	100
4) n-Nitrosodimethylamine	3.08	42	47608	41.807	ng	# 91
6) Aniline	6.40	93	203731	42.365	ng	# 49
8) 2-Chlorophenol	6.53	128	135280	42.036	ng	95
9) Benzaldehyde	6.29	77	89404	46.856	ng	96
10) Phenol	6.40	94	172441	41.246	ng	98
11) bis(2-Chloroethyl)ether	6.47	93	129976	42.031	ng	99
12) 1,3-Dichlorobenzene	6.67	146	151262	42.119	ng	99
13) 1,4-Dichlorobenzene	6.75	146	155721	42.743	ng	98
14) 1,2-Dichlorobenzene	6.90	146	144872	42.186	ng	98
15) Benzyl Alcohol	6.89	79	126402	43.192	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	141510	42.420	ng	77
17) 2-Methylphenol	7.00	107	110526	41.749	ng	98
18) Hexachloroethane	7.24	117	59411	41.780	ng	91
19) n-Nitroso-di-n-propylamine	7.16	70	105306	42.095	ng	99
20) 3+4-Methylphenols	7.16	107	146918	42.327	ng	# 90
22) Acetophenone	7.15	105	213152	41.854	ng	98
24) Nitrobenzene	7.32	77	158684	42.646	ng	99
25) Isophorone	7.56	82	280754	41.775	ng	98
26) 2-Nitrophenol	7.64	139	68802	41.458	ng	99
27) 2,4-Dimethylphenol	7.68	122	103417	41.698	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	175064	42.215	ng	98
29) 2,4-Dichlorophenol	7.89	162	109093	41.937	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	115915	41.523	ng	97
31) Naphthalene	8.04	128	398180	41.886	ng	99
32) Benzoic acid	7.84	122	53275	31.361	ng	97
33) 4-Chloroaniline	8.09	127	171162	42.662	ng	98
34) Hexachlorobutadiene	8.16	225	69778	43.185	ng	98
35) Caprolactam	8.47	113	36812	44.051	ng	95
36) 4-Chloro-3-methylphenol	8.59	107	124391	41.928	ng	96
37) 2-Methylnaphthalene	8.73	142	263610	41.153	ng	100
38) 1-Methylnaphthalene	8.83	142	251749	41.824	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	110678	42.014	ng	99

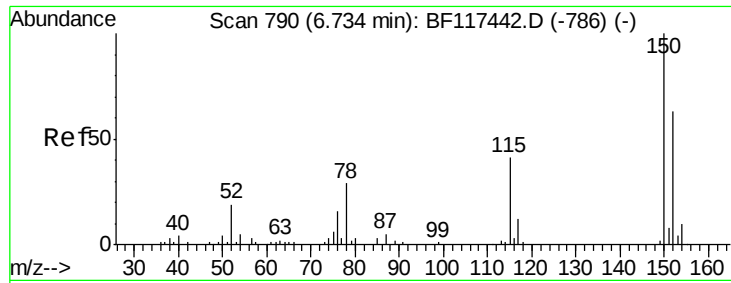
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	17241	36.096	nq	91
43) 2,4,6-Trichlorophenol	9.02	196	70884	42.969	nq	100
44) 2,4,5-Trichlorophenol	9.06	196	72829	43.567	nq	96
46) 1,1'-Biphenyl	9.19	154	339653	41.948	nq	99
47) 2-Chloronaphthalene	9.22	162	252985	41.439	nq	98
48) 2-Nitroaniline	9.32	65	83859	41.843	nq	95
49) Acenaphthylene	9.63	152	374545	41.768	nq	99
50) Dimethylphthalate	9.49	163	291893	41.863	nq	99
51) 2,6-Dinitrotoluene	9.56	165	61793	42.470	nq	97
52) Acenaphthene	9.80	154	226006	41.080	nq	99
53) 3-Nitroaniline	9.73	138	72572	41.108	nq	97
54) 2,4-Dinitrophenol	9.86	184	23305	41.042	nq	96
55) Dibenzofuran	9.97	168	330159	41.421	nq	99
56) 4-Nitrophenol	9.92	139	30214	39.391	nq	89
57) 2,4-Dinitrotoluene	9.97	165	78827	40.749	nq	96
58) Fluorene	10.32	166	274145	41.590	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	53243	40.525	nq	93
60) Diethylphthalate	10.19	149	299118	42.413	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	123501	41.761	nq	98
62) 4-Nitroaniline	10.35	138	66432	39.924	nq	92
63) Azobenzene	10.47	77	302823	41.945	nq	100
65) 4,6-Dinitro-2-methylphenol	10.39	198	31520	40.003	nq	87
66) n-Nitrosodiphenylamine	10.43	169	230126	40.618	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	68938	41.298	nq	97
68) Hexachlorobenzene	10.87	284	73245	40.971	nq	# 87
69) Atrazine	10.96	200	56274	39.039	nq	98
70) Pentachlorophenol	11.07	266	24386	45.503	nq	93
71) Phenanthrene	11.28	178	371984	41.336	nq	99
72) Anthracene	11.33	178	380183	41.174	nq	99
73) Carbazole	11.49	167	348978	41.357	nq	99
74) Di-n-butylphthalate	11.81	149	478733	42.460	nq	99
75) Fluoranthene	12.47	202	365416	40.563	nq	98
77) Benzidine	12.59	184	140943	51.498	nq	99
78) Pyrene	12.69	202	375851	41.761	nq	100
80) Butylbenzylphthalate	13.30	149	189402	42.291	nq	99
81) Benzo(a)anthracene	13.89	228	292327	41.361	nq	98
82) 3,3'-Dichlorobenzidine	13.85	252	97110	43.786	nq	99
83) Chrysene	13.92	228	286013	41.291	nq	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	268217	42.753	nq	99
85) Di-n-octyl phthalate	14.48	149	425048	44.066	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	214775	41.529	nq	99
88) Benzo(b)fluoranthene	14.93	252	228907	42.078	nq	98
89) Benzo(k)fluoranthene	14.95	252	224905	40.337	nq	99
90) Benzo(a)pyrene	15.27	252	201633	40.766	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	180511	42.207	nq	99
92) Benzo(g,h,i)perylene	17.16	276	170453	42.123	nq	98

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

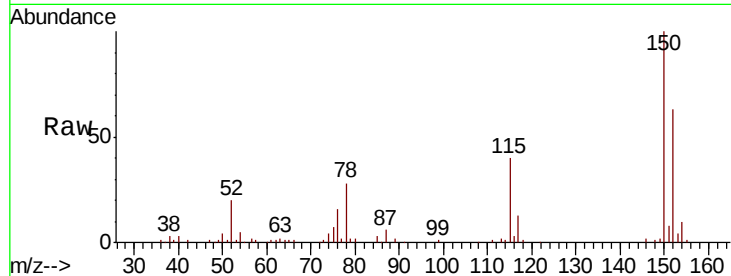


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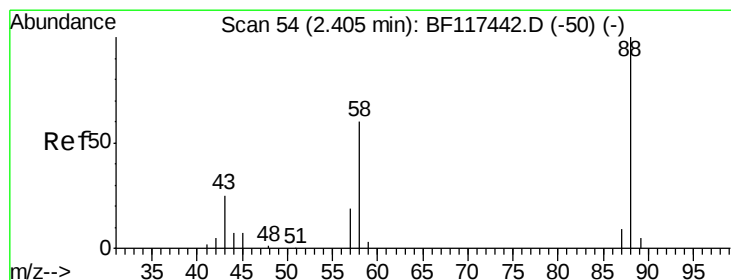
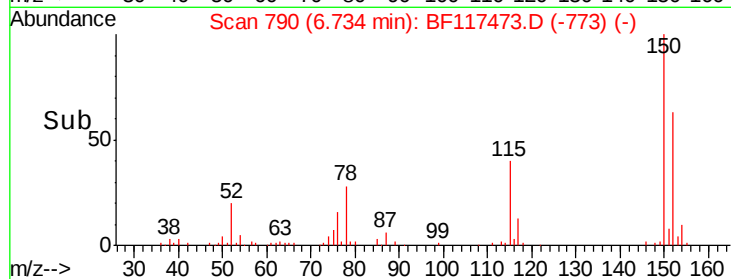
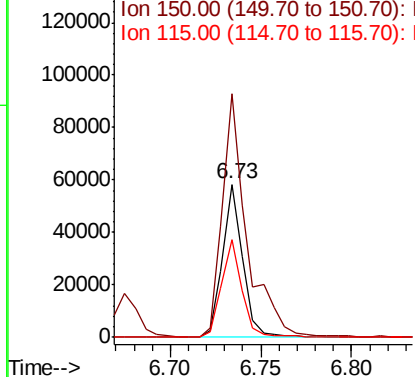
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45372
Ion Ratio Lower Upper
152 100
150 159.0 126.8 190.2
115 63.4 51.6 77.4



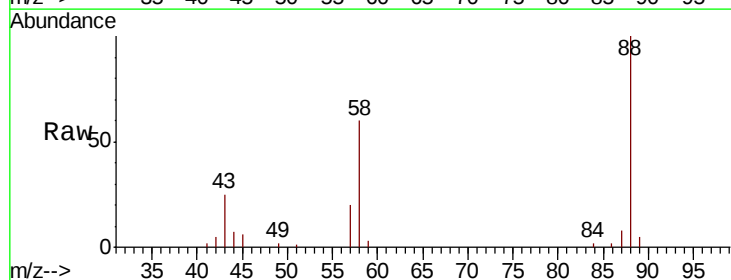
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



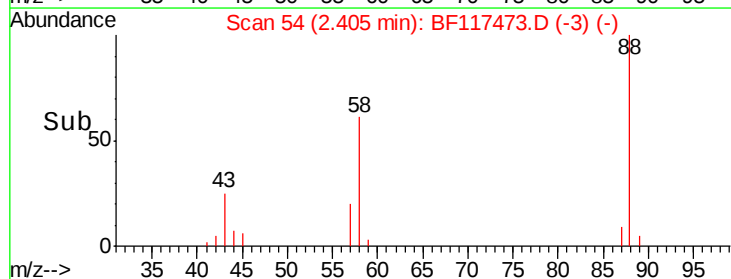
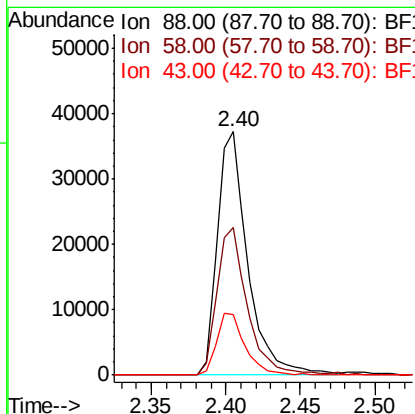
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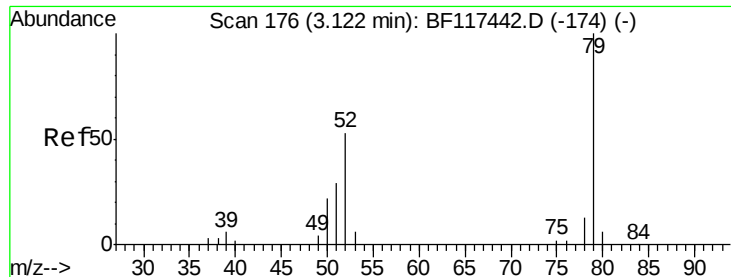
1,4-Dioxane
Concen: 41.418 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 88 Resp: 53108
Ion Ratio Lower Upper
88 100
58 61.1 48.8 73.2
43 24.0 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: 43.982 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

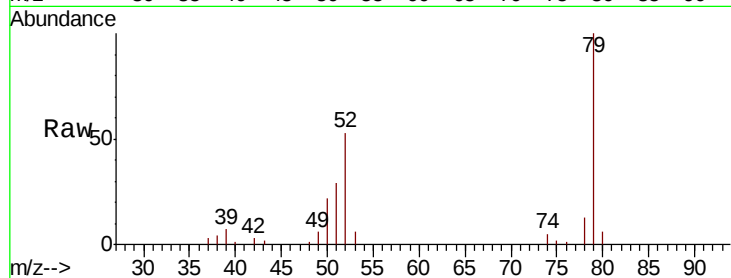
Instrument :

BNA_F

ClientSampled :

Tot Ion: 79 Resp: 138057

Ion	Ratio	Lower	Upper
79	100		
52	53.3	42.4	63.6
51	28.9	23.3	34.9

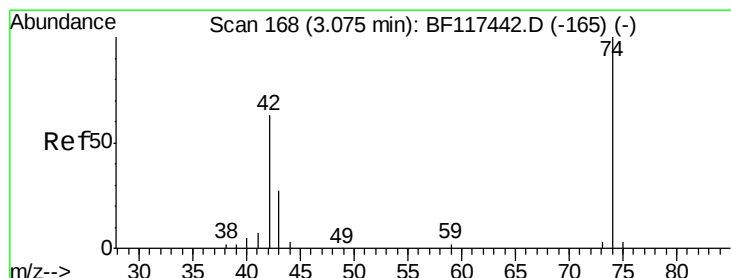
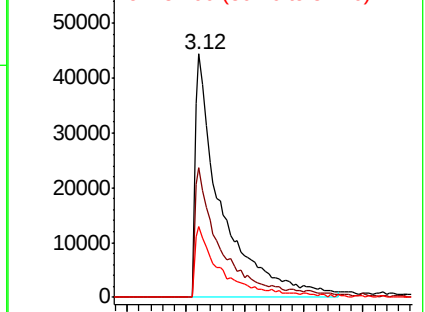
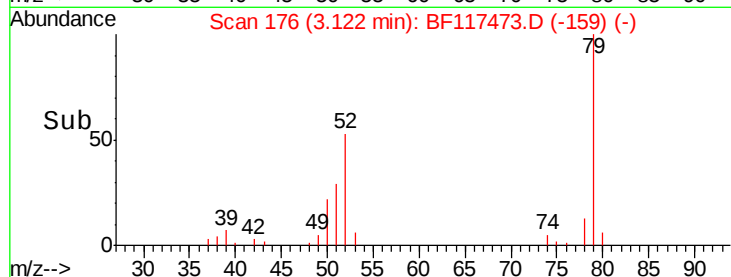


Abundance

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: 41.807 ng

RT: 3.08 min Scan# 168

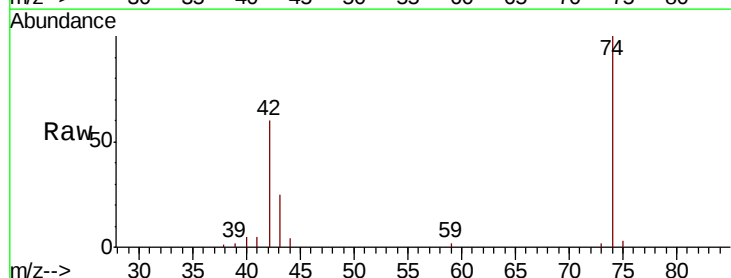
Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Tgt Ion: 42 Resp: 47608

Ion	Ratio	Lower	Upper
42	100		
74	167.1	124.2	186.4
44	6.4	4.2	6.4#

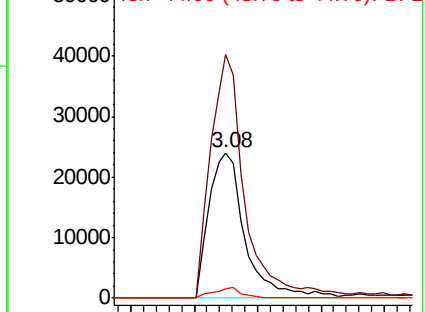
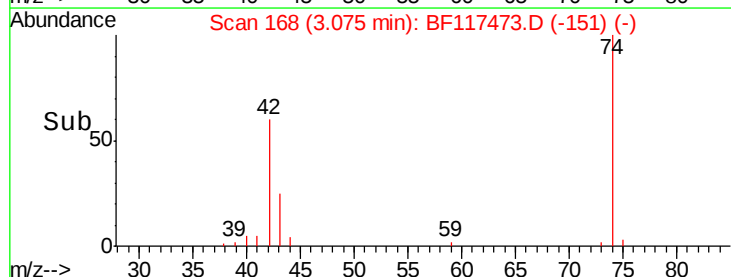


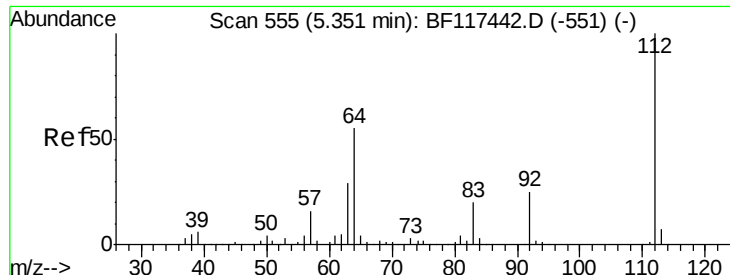
Abundance

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: 86.767 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampled :

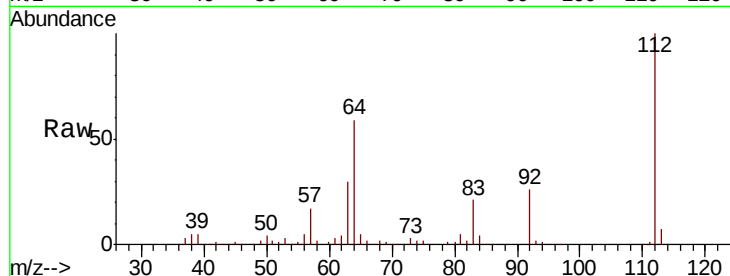
Tot Ion: 112 Resp: 264623

Ion Ratio Lower Upper

112 100

64 58.6 44.1 66.1

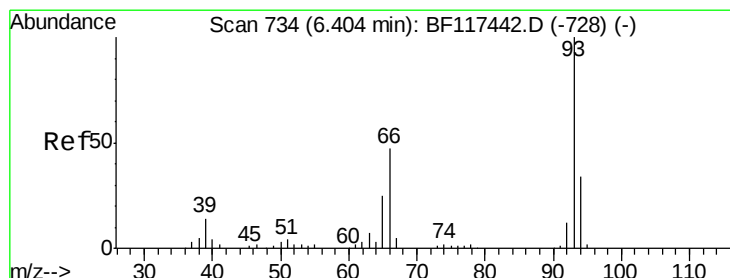
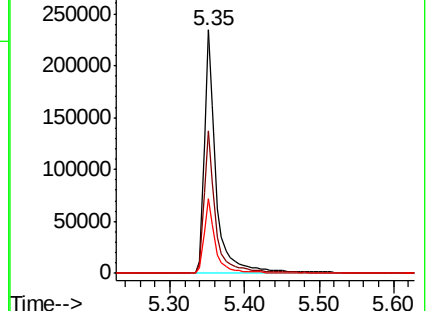
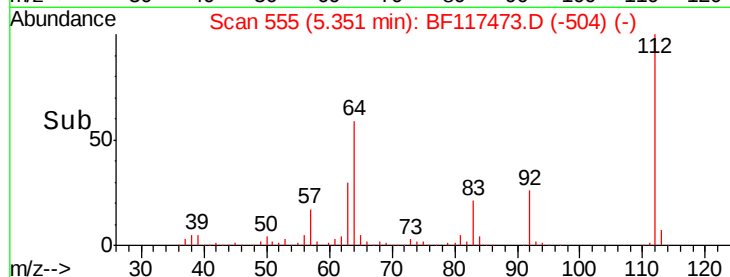
63 30.4 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.365 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

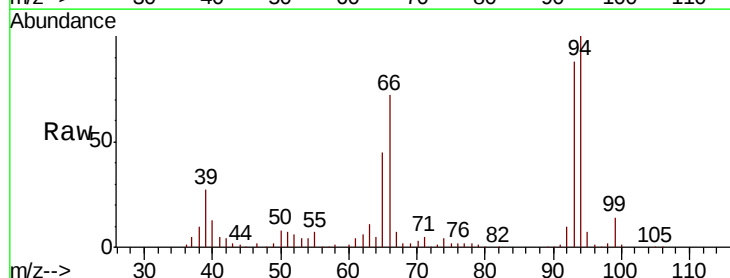
Tgt Ion: 93 Resp: 203731

Ion Ratio Lower Upper

93 100

66 82.8 38.7 58.1#

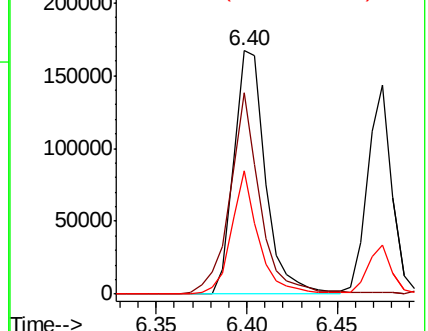
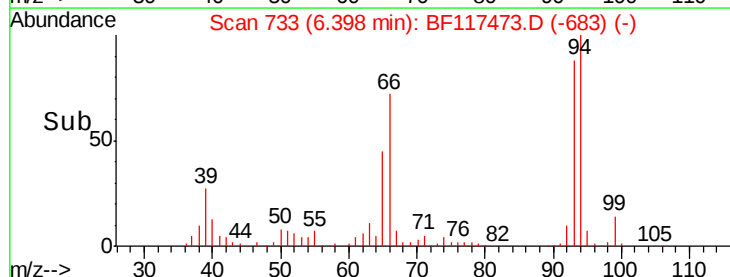
65 50.8 20.1 30.1#

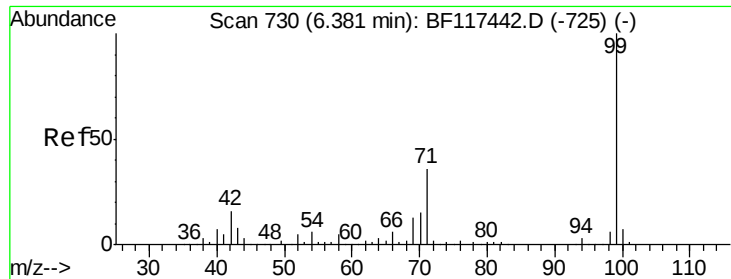


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.691 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

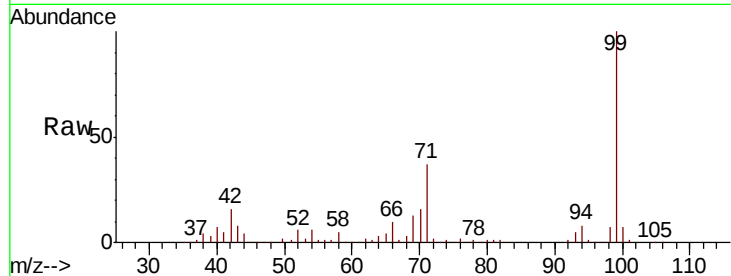
Tot Ion: 99 Resp: 342817

Ion Ratio Lower Upper

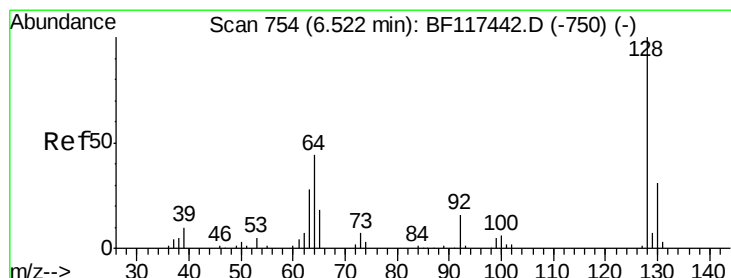
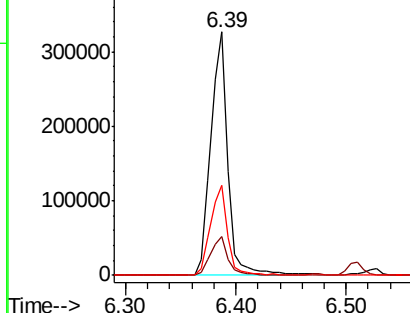
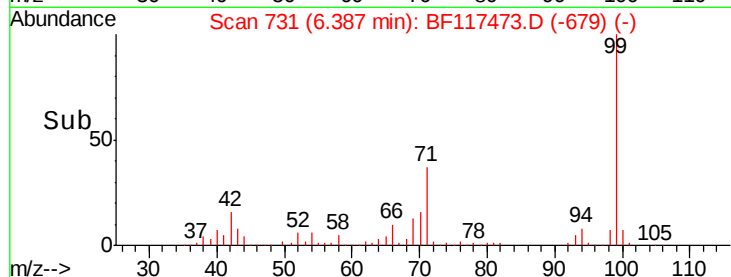
99 100

42 15.7 12.8 19.2

71 36.9 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: 42.036 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

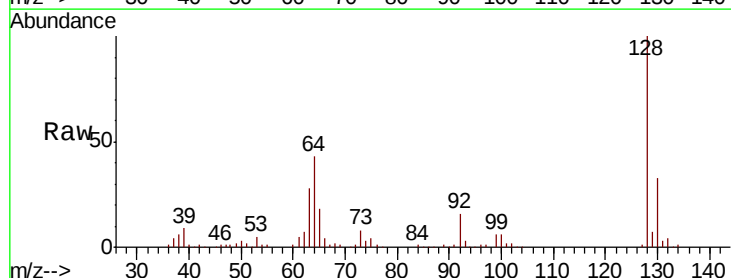
Tgt Ion: 128 Resp: 135280

Ion Ratio Lower Upper

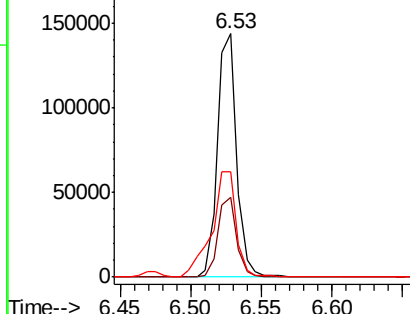
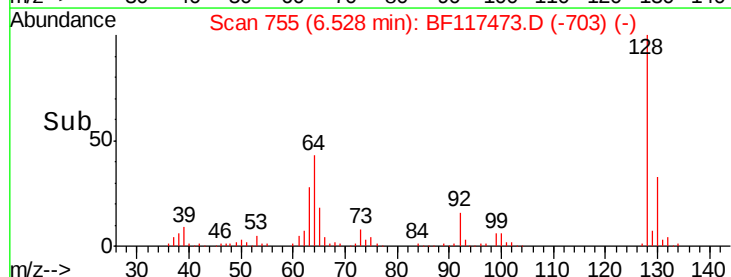
128 100

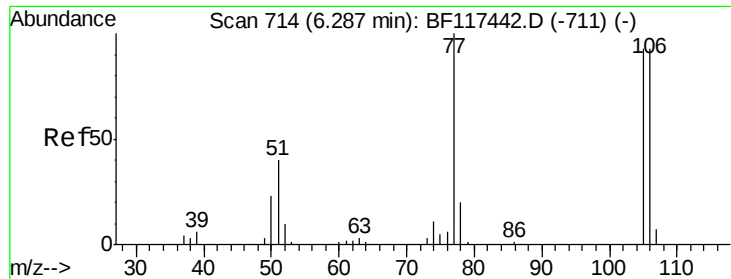
130 32.7 11.1 51.1

64 43.2 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

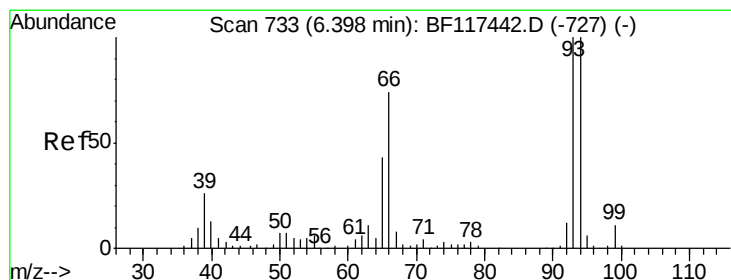
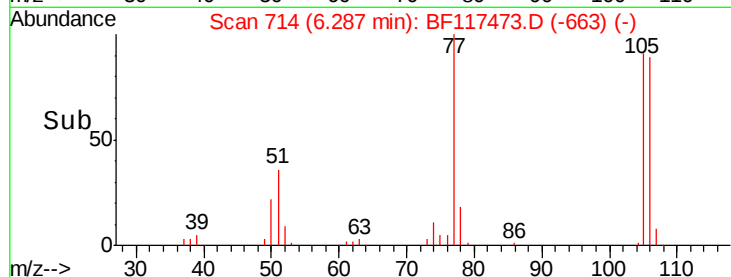
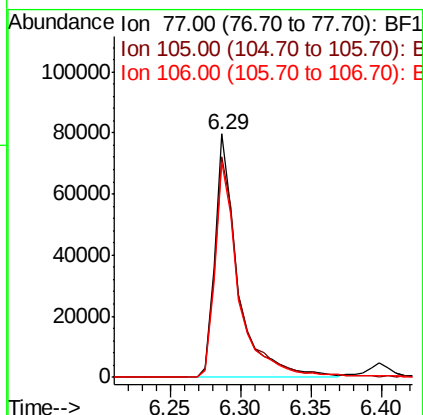
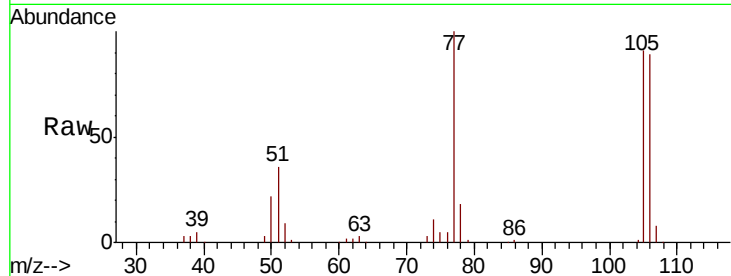




#9
Benzaldehyde
Concen: 46.856 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

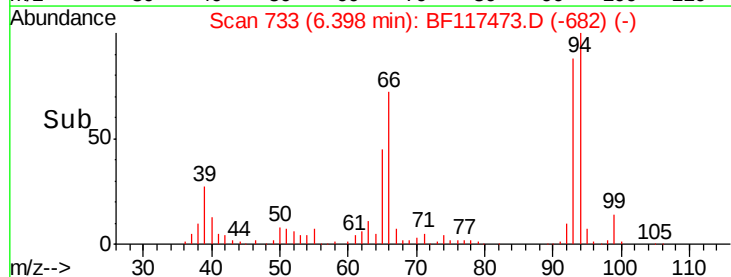
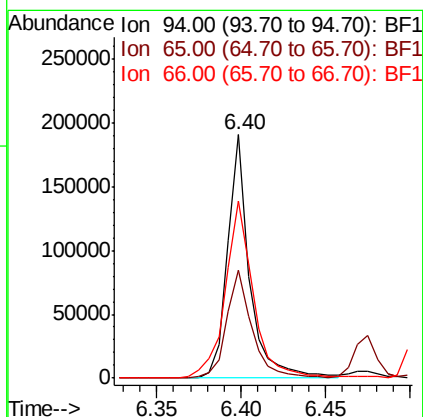
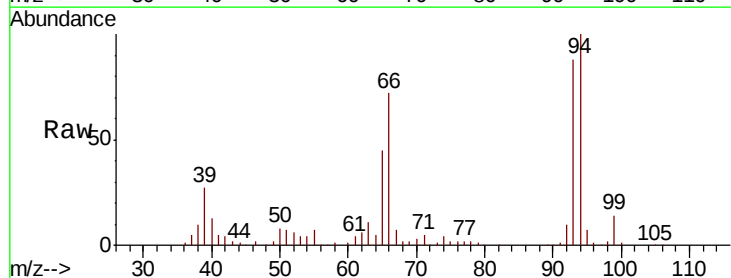
Instrument :
BNA_F
ClientSampled :

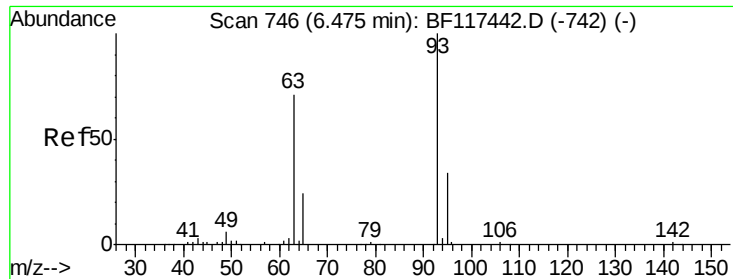
Tot Ion: 77 Resp: 89404
Ion Ratio Lower Upper
77 100
105 90.6 73.4 113.4
106 88.6 73.0 113.0



#10
Phenol
Concen: 41.246 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 94 Resp: 172441
Ion Ratio Lower Upper
94 100
65 44.5 23.4 63.4
66 72.5 54.7 94.7

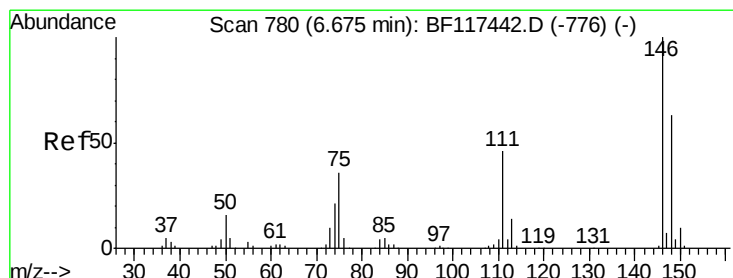
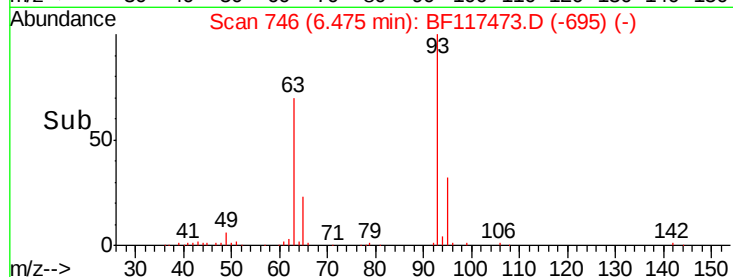
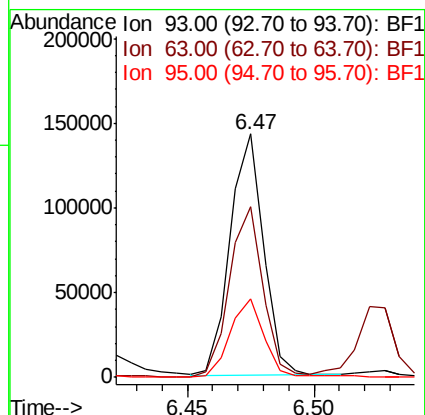
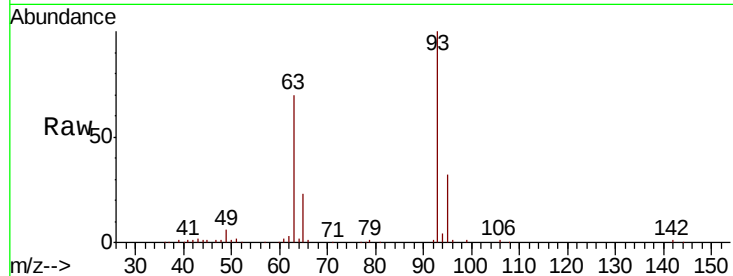




#11
bis(2-Chloroethyl)ether
Concen: 42.031 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

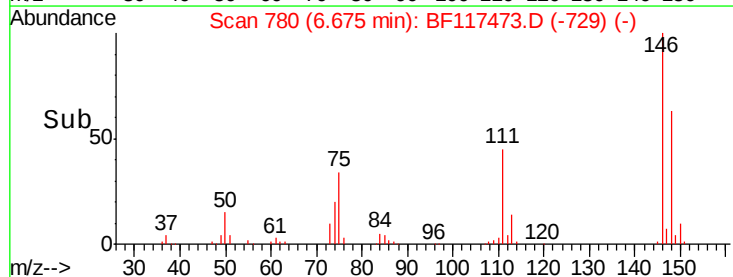
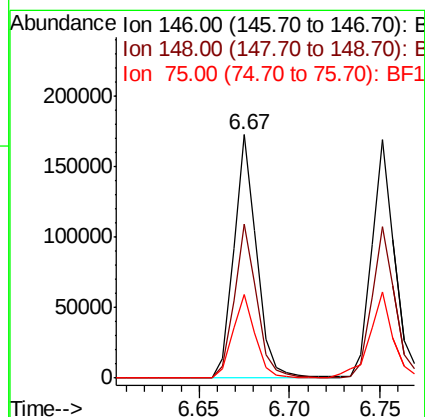
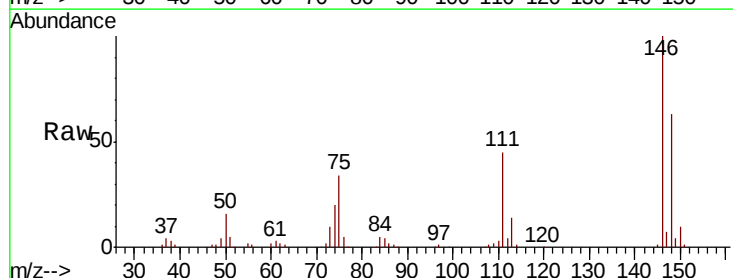
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 129976
Ion Ratio Lower Upper
93 100
63 70.3 50.2 90.2
95 32.3 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 42.119 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 146 Resp: 151262
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
75 34.3 28.6 43.0

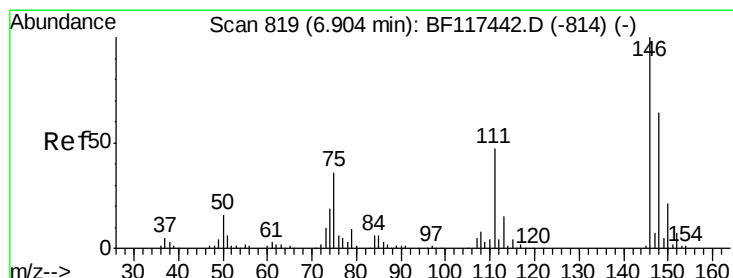
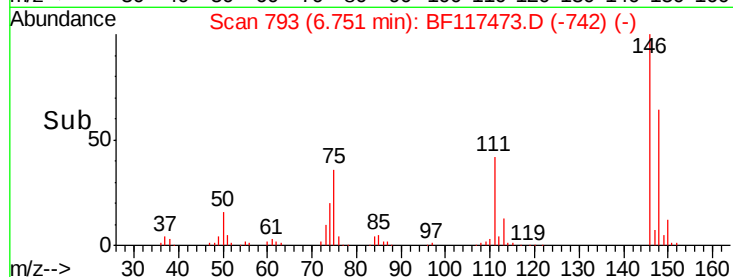
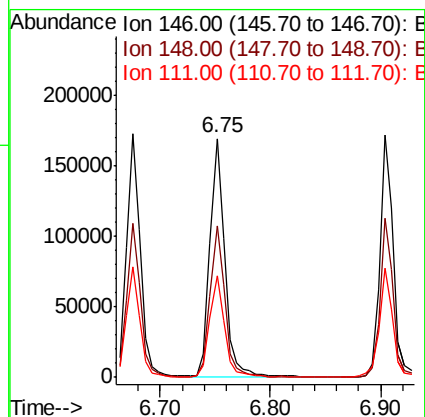
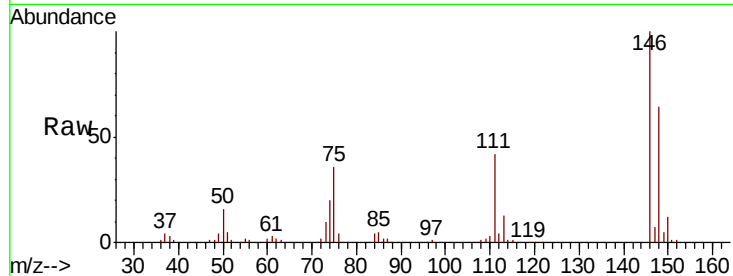




#13
 1,4-Dichlorobenzene
 Concen: 42.743 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

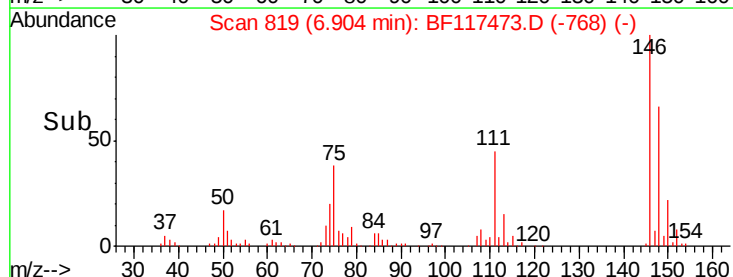
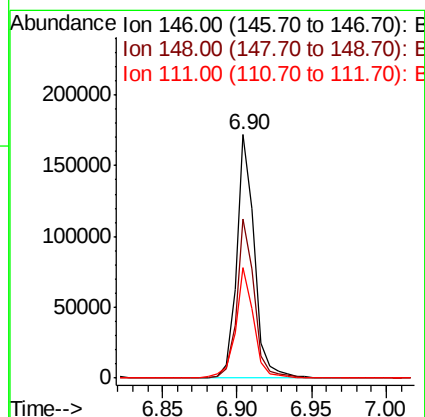
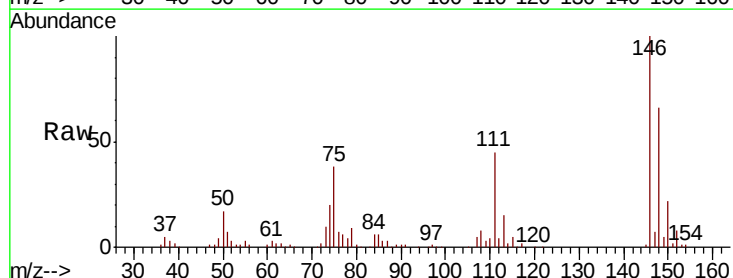
Instrument :
 BNA_F
 ClientSampled :

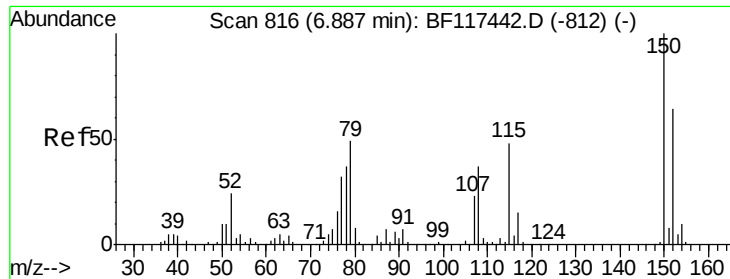
Tot Ion:146 Resp: 155721
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.3 73.9
 111 42.5 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 42.186 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:146 Resp: 144872
 Ion Ratio Lower Upper
 146 100
 148 65.5 51.4 77.0
 111 45.3 37.7 56.5

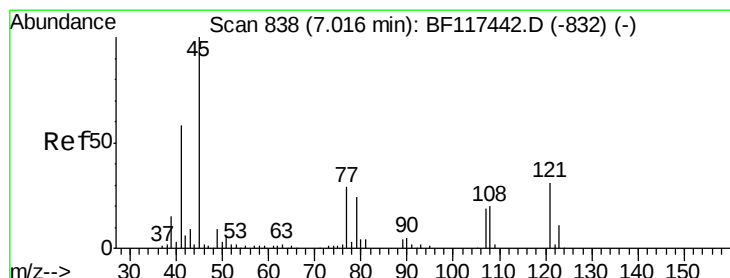
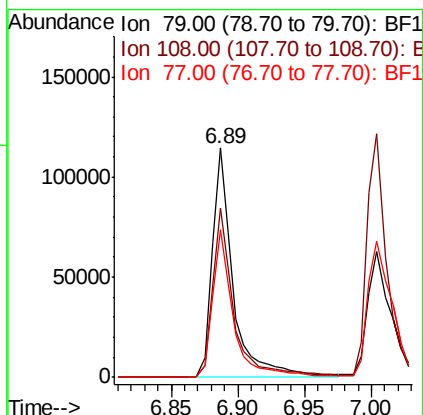
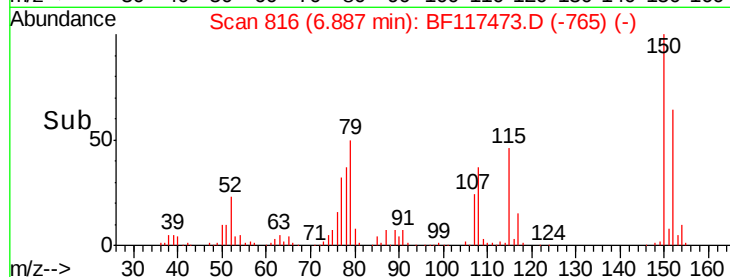
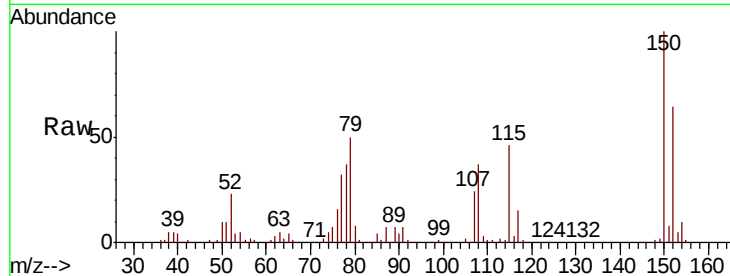




#15
Benzyl Alcohol
Concen: 43.192 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

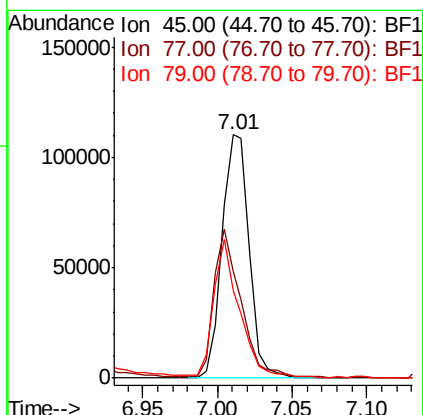
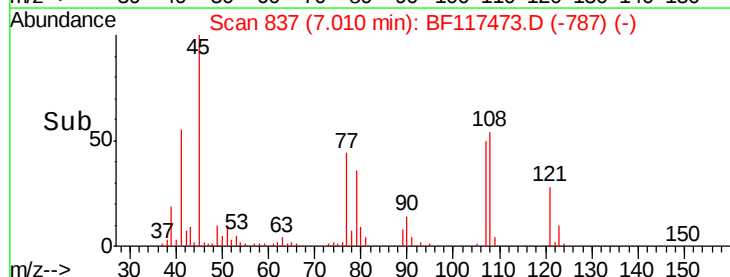
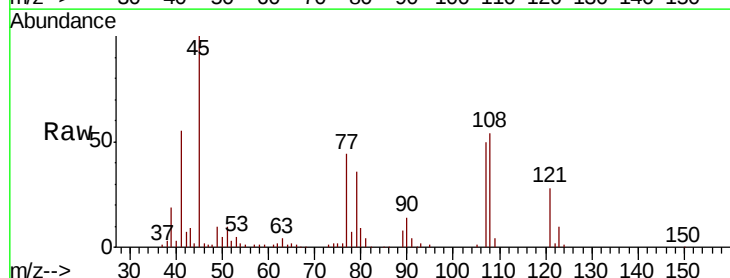
Instrument :
BNA_F
ClientSampleId :

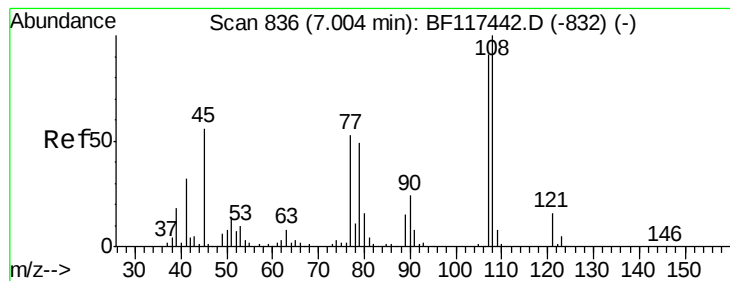
Tot Ion: 79 Resp: 126402
Ion Ratio Lower Upper
79 100
108 73.7 59.8 89.8
77 64.7 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.420 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 45 Resp: 141510
Ion Ratio Lower Upper
45 100
77 43.6 9.9 49.9
79 36.1 5.5 45.5





#17

2-Methylphenol

Concen: 41.749 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 110526

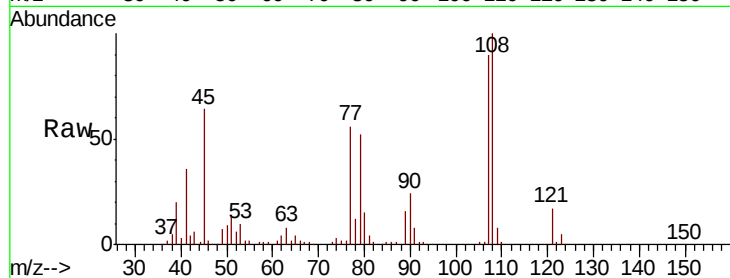
Ion Ratio Lower Upper

107 100

108 111.2 88.0 132.0

77 61.9 47.2 70.8

79 57.6 44.1 66.1

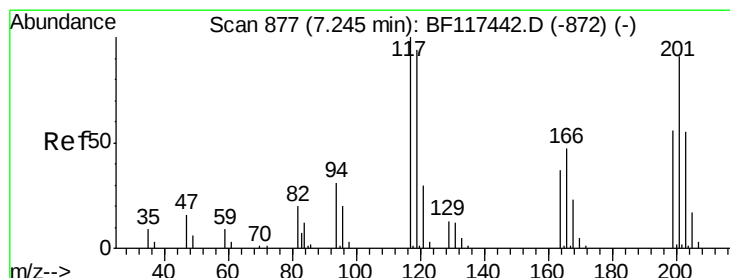
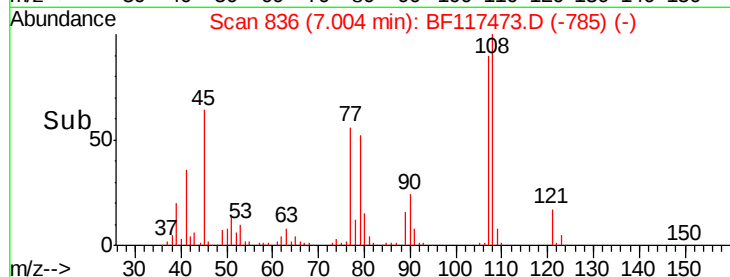
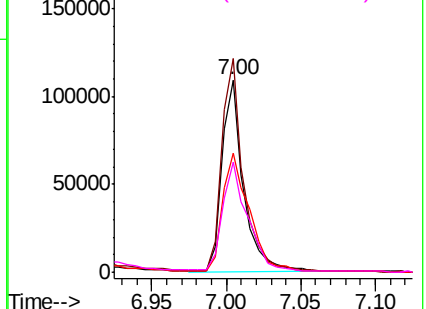


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 41.780 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

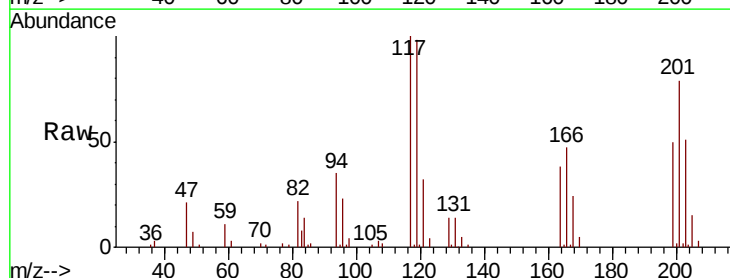
Tgt Ion:117 Resp: 59411

Ion Ratio Lower Upper

117 100

119 98.5 75.4 113.0

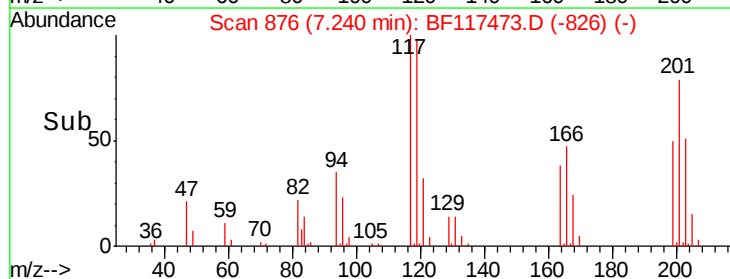
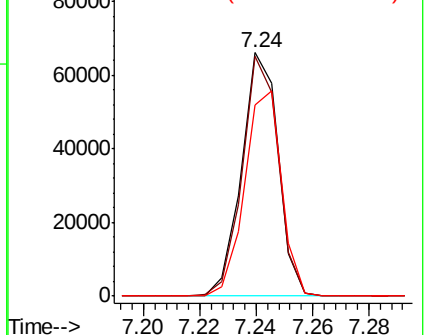
201 78.5 72.5 108.7

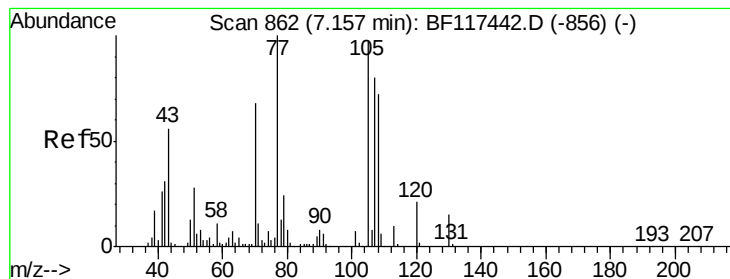


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.095 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 105306

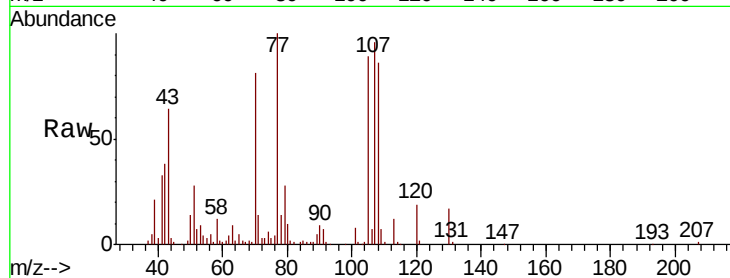
Ion Ratio Lower Upper

70 100

42 46.4 36.7 55.1

101 9.4 8.3 12.5

130 21.5 18.1 27.1

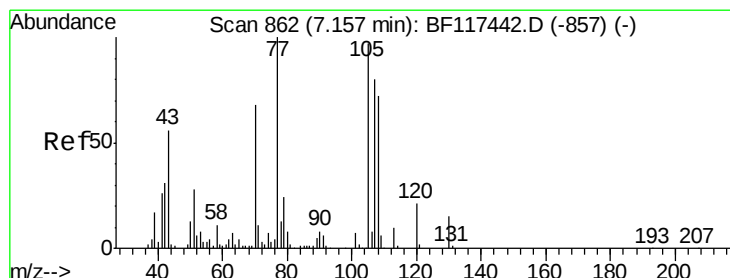
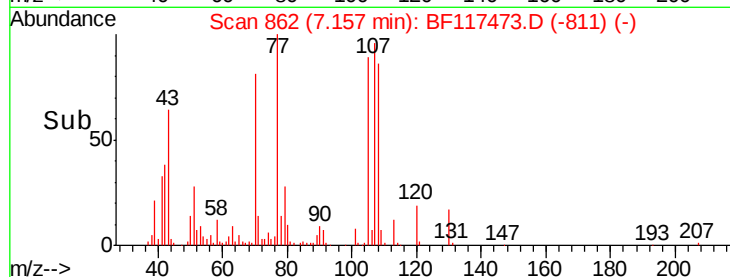
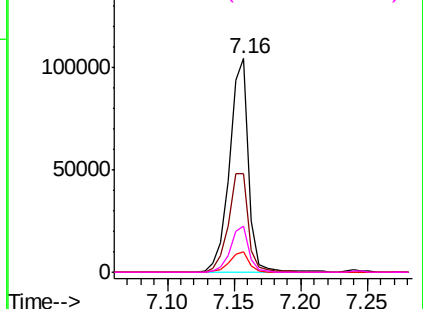


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.327 ng

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Tgt Ion:107 Resp: 146918

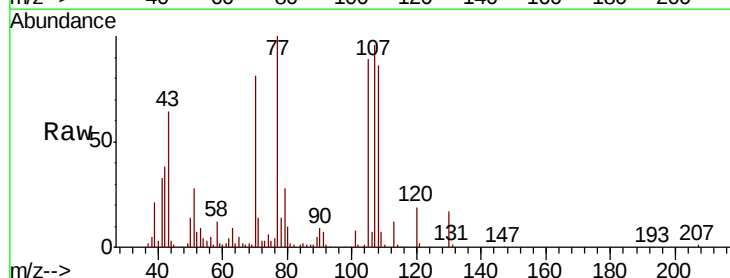
Ion Ratio Lower Upper

107 100

108 89.9 70.3 110.3

77 104.3 104.8 144.8#

79 28.7 10.0 50.0

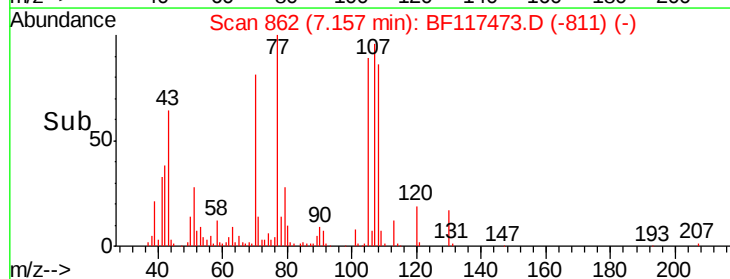
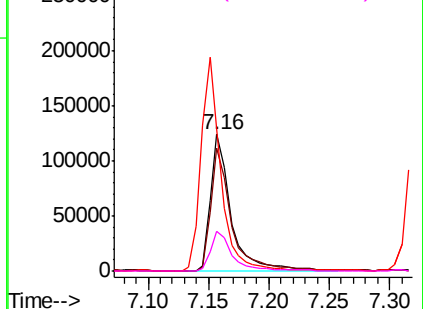


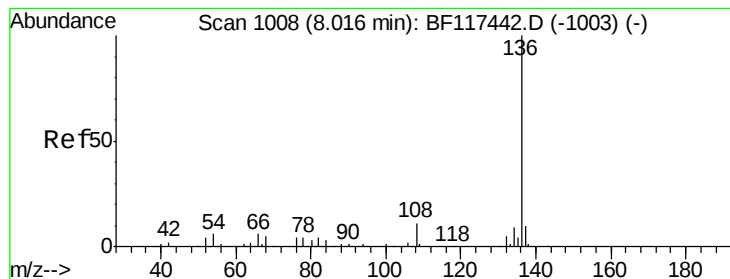
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 191789

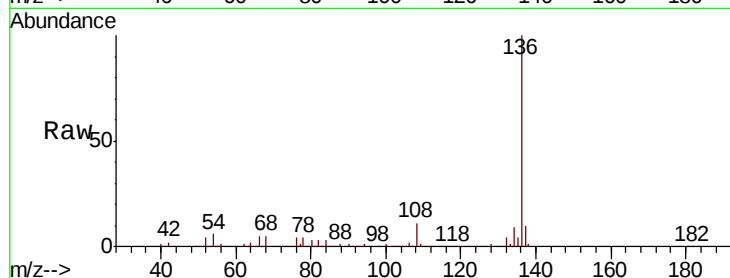
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 6.1 4.5 6.7

68 4.9 4.3 6.5

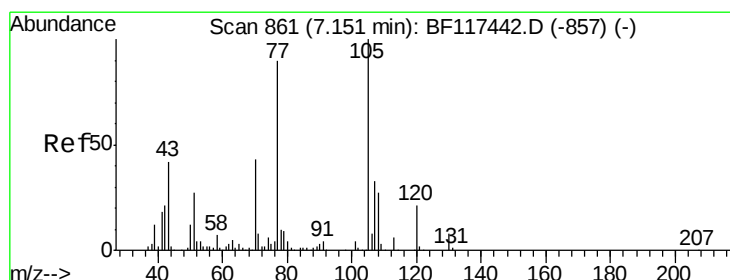
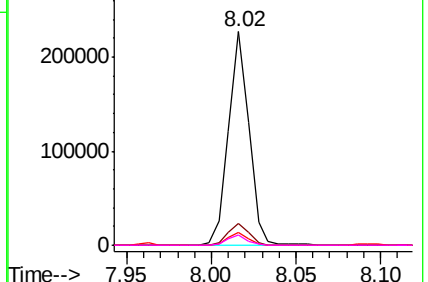
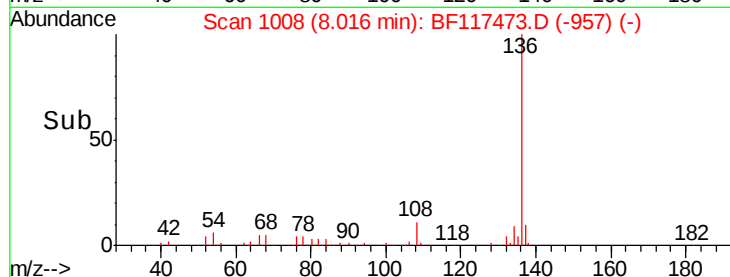


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.854 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Tgt Ion:105 Resp: 213152

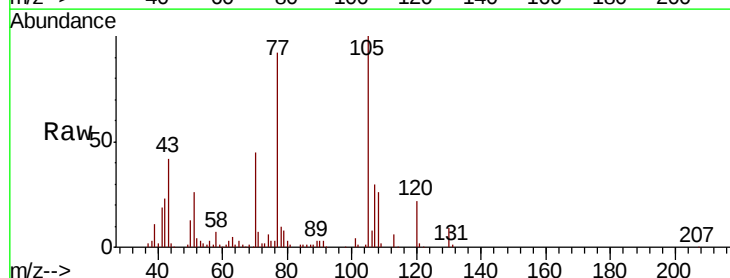
Ion Ratio Lower Upper

105 100

71 7.2 6.2 9.2

51 26.3 21.8 32.6

120 21.6 16.7 25.1

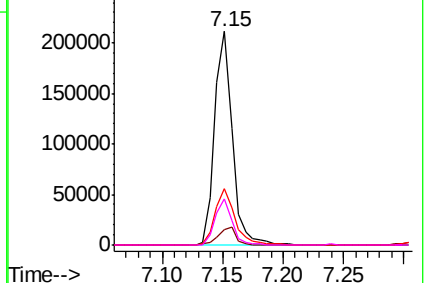
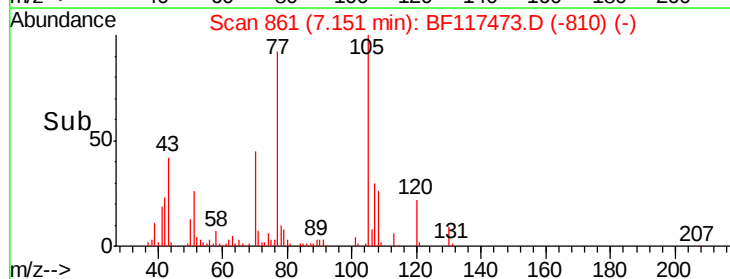


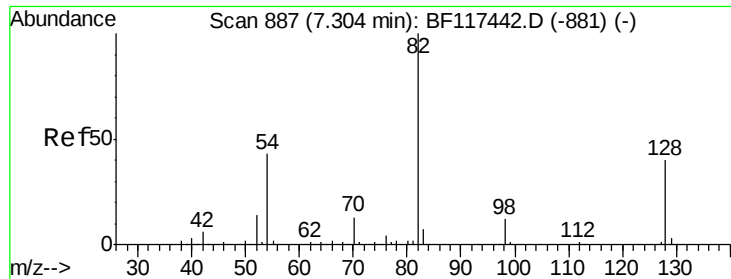
Abundance Ion 105.00 (104.70 to 105.70): E

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

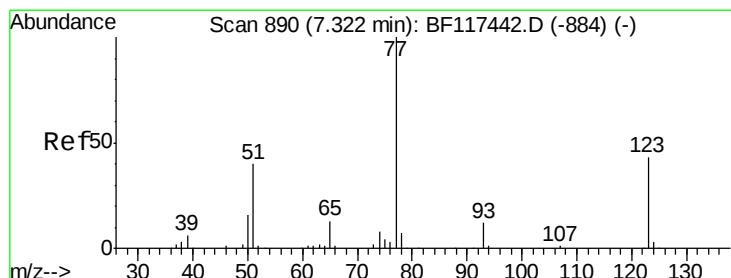
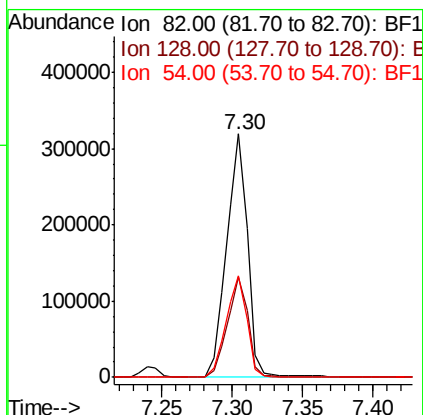
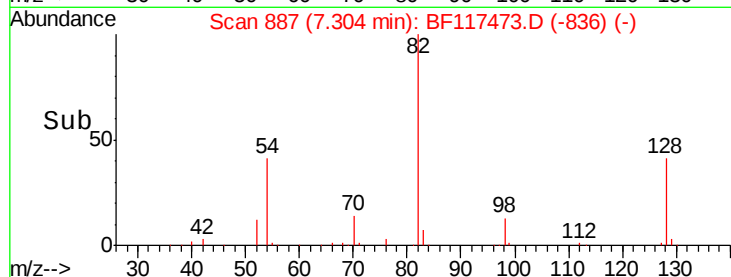
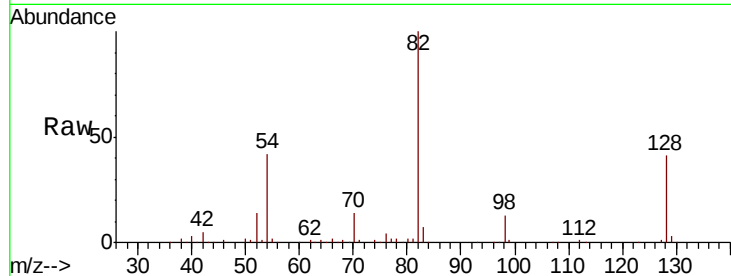




#23
Nitrobenzene-d5
Concen: 84.507 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

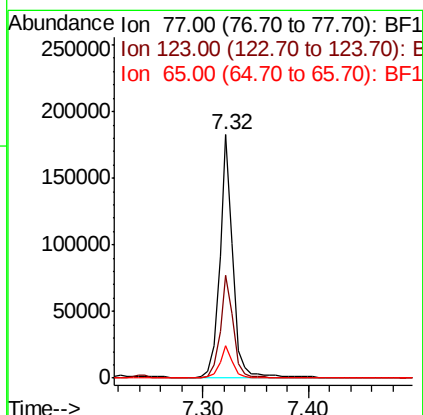
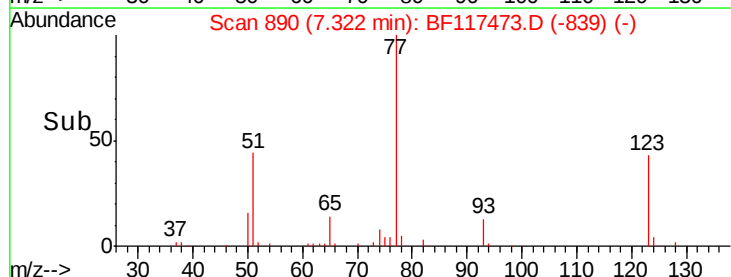
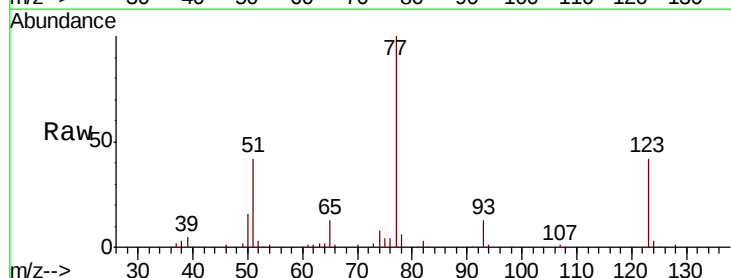
Instrument :
BNA_F
ClientSampleId :

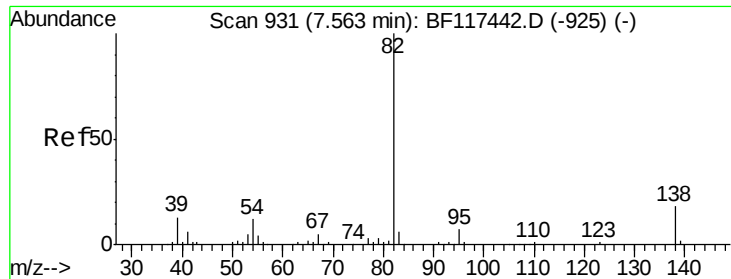
Tot Ion	82	Resp	328301
Ion Ratio	100	Lower	Upper
128	41.1	32.2	48.2
54	41.9	34.2	51.2



#24
Nitrobenzene
Concen: 42.646 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion	77	Resp	158684
Ion Ratio	100	Lower	Upper
123	42.4	34.2	51.2
65	13.2	10.3	15.5

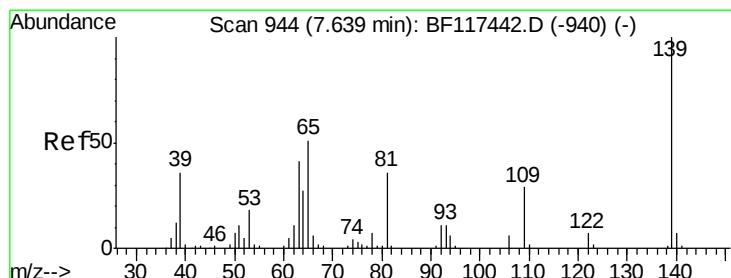
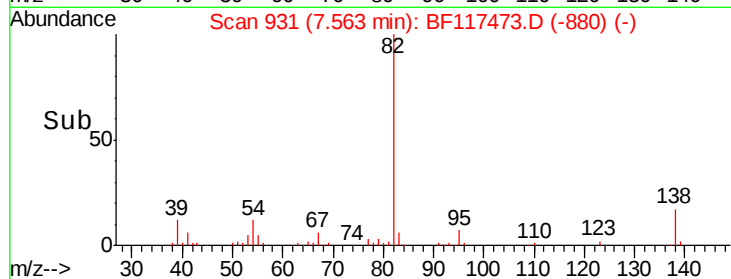
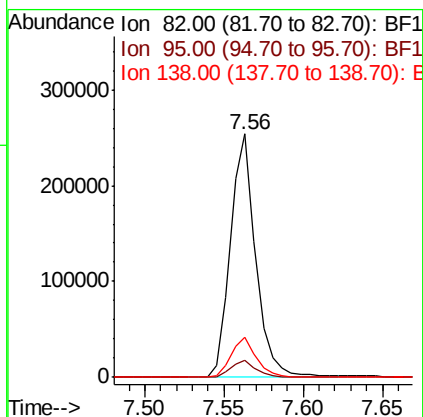
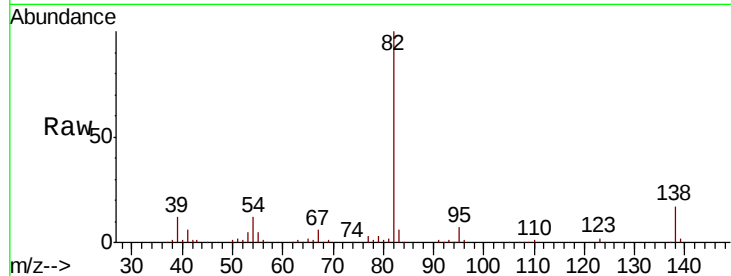




#25
Isophorone
Concen: 41.775 ng
RT: 7.56 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

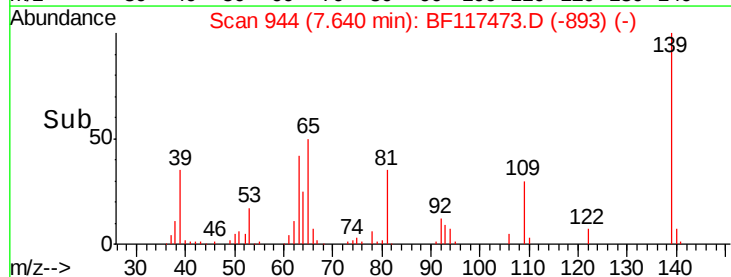
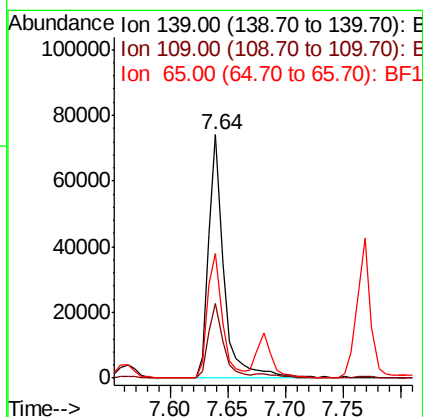
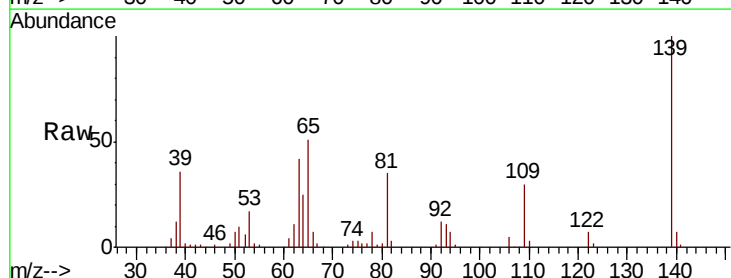
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 280754
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 16.7 14.2 21.2



#26
2-Nitrophenol
Concen: 41.458 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 139 Resp: 68802
Ion Ratio Lower Upper
139 100
109 30.4 23.2 34.8
65 50.9 41.1 61.7

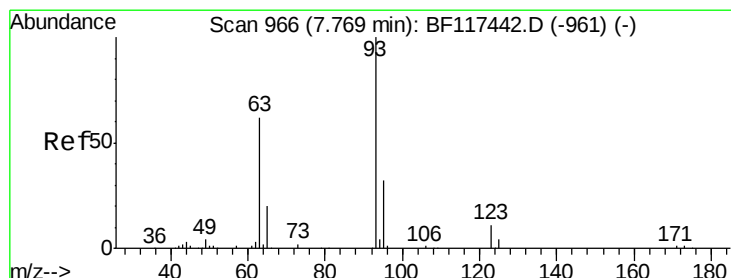
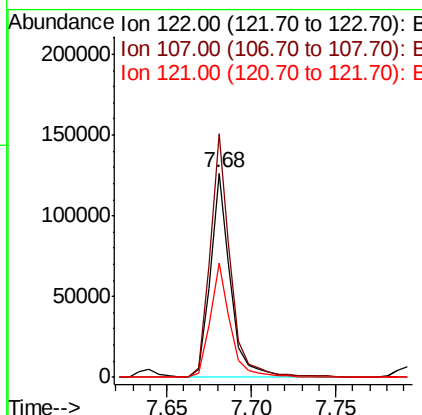
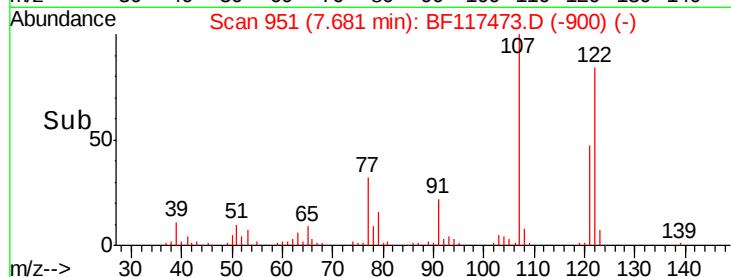
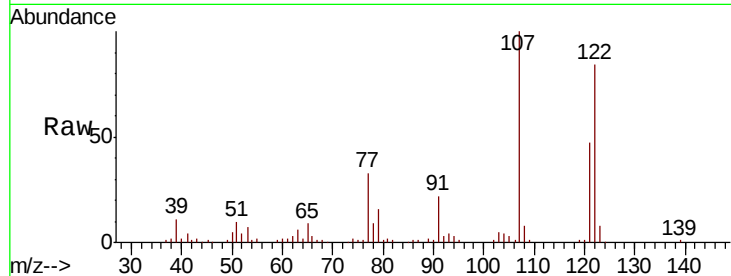




#27
2,4-Dimethylphenol
Concen: 41.698 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

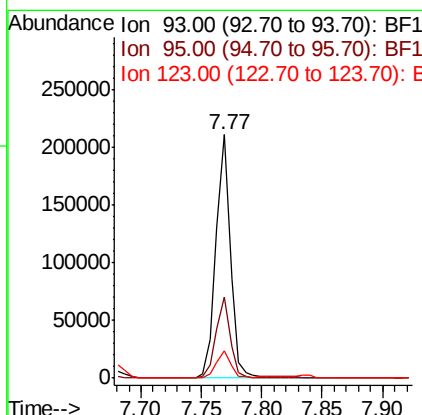
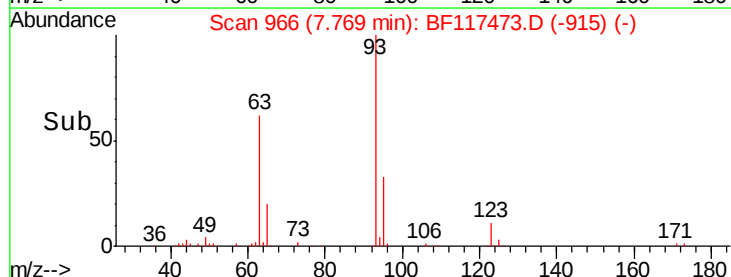
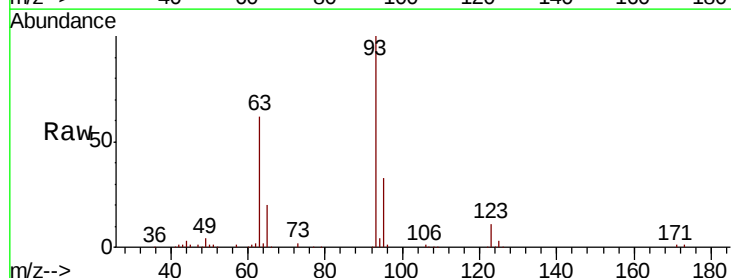
Instrument :
BNA_F
ClientSampleId :

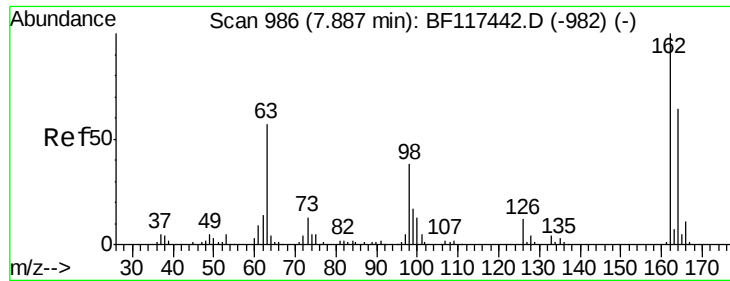
Tot Ion:122 Resp: 103417
Ion Ratio Lower Upper
122 100
107 119.3 96.8 145.2
121 56.2 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.215 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion: 93 Resp: 175064
Ion Ratio Lower Upper
93 100
95 33.2 25.5 38.3
123 11.3 9.0 13.6

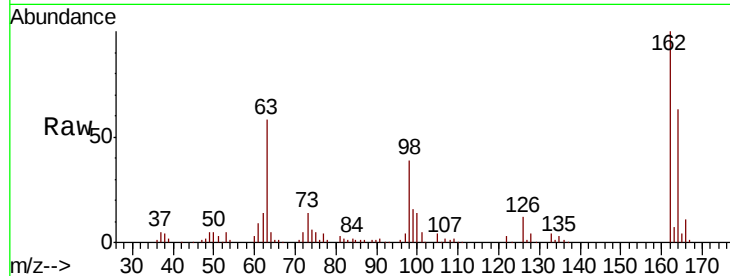




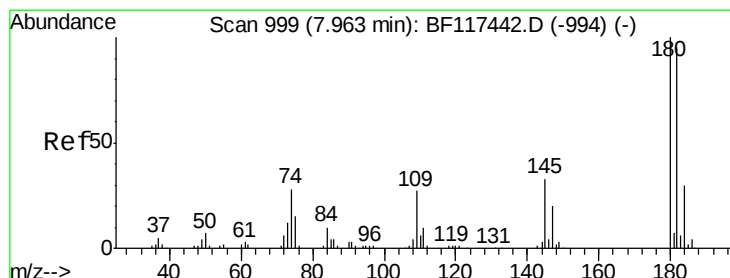
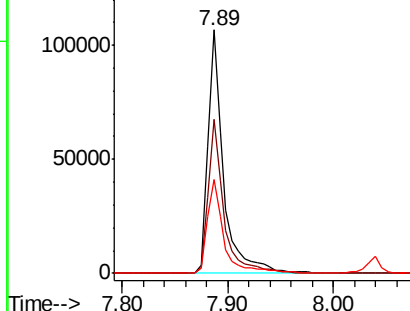
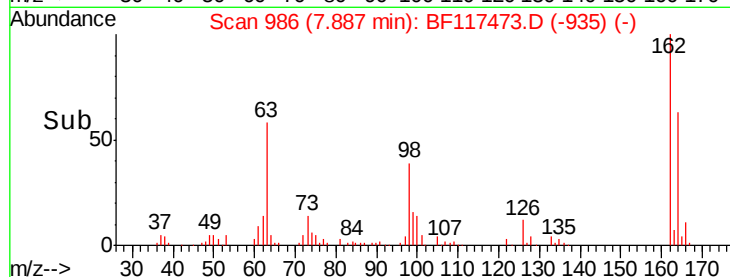
#29
 2,4-Dichlorophenol
 Concen: 41.937 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.4	84.4
98	38.5	18.2	58.2

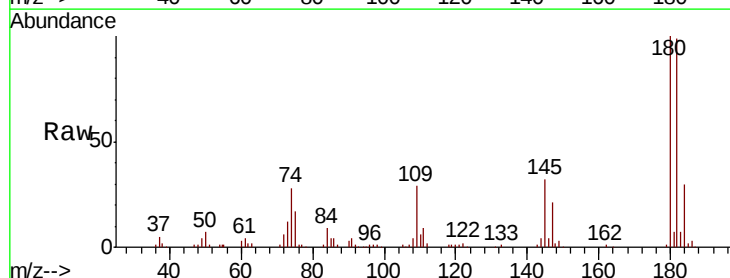


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

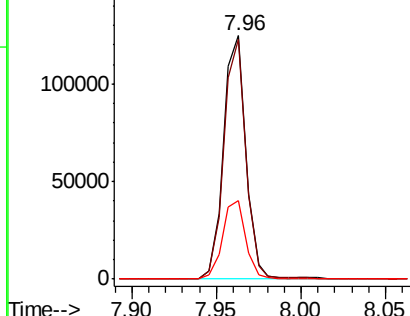
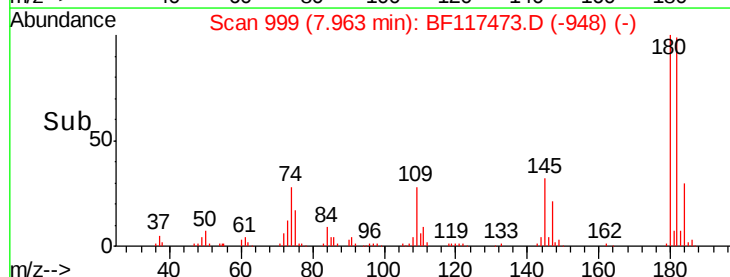


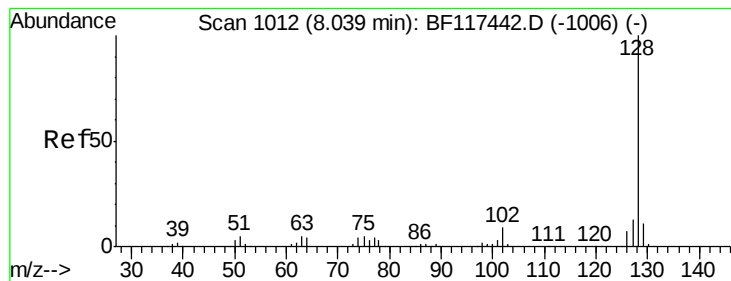
#30
 1,2,4-Trichlorobenzene
 Concen: 41.523 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.8	113.8
145	32.0	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: 41.886 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

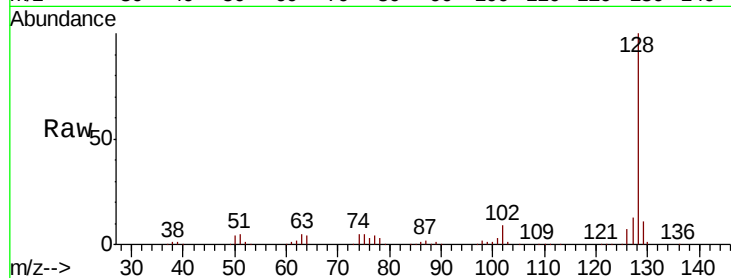
Tot Ion:128 Resp: 398180

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

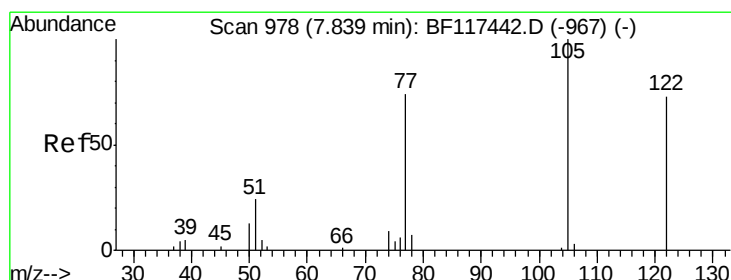
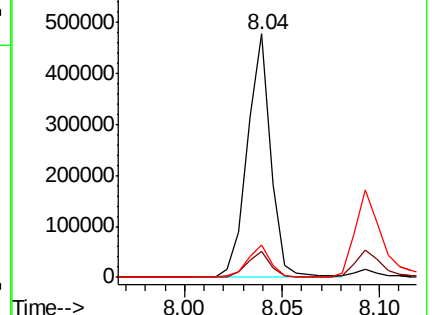
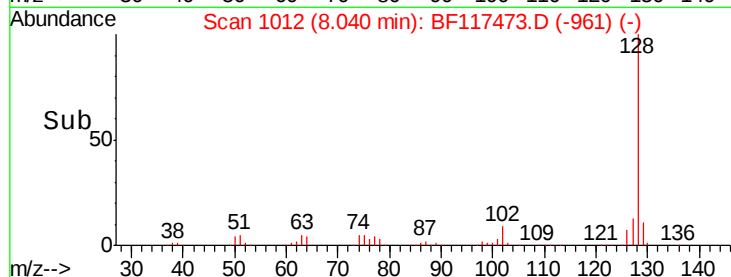
127 13.1 10.2 15.2



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: 31.361 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

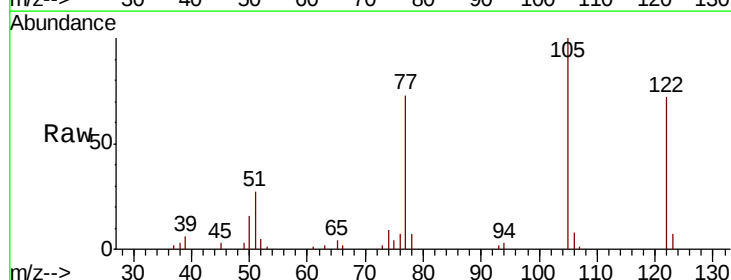
Tgt Ion:122 Resp: 53275

Ion Ratio Lower Upper

122 100

105 138.7 115.0 155.0

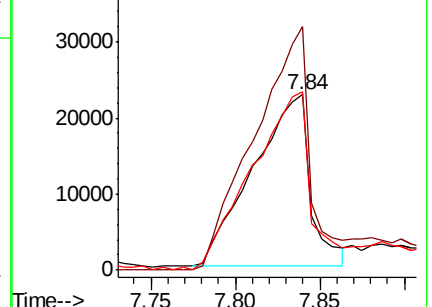
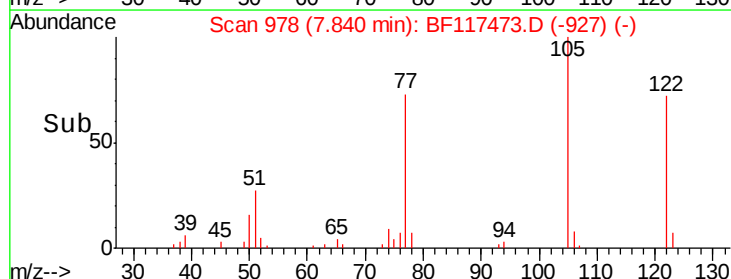
77 101.4 79.7 119.7

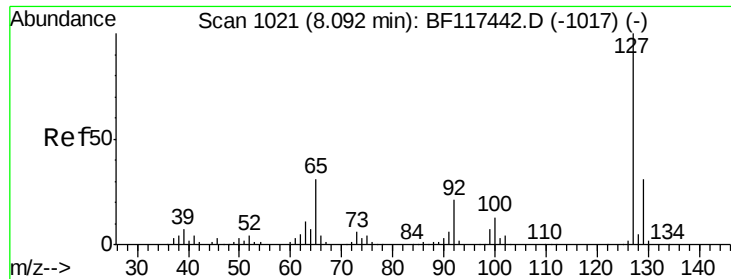


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

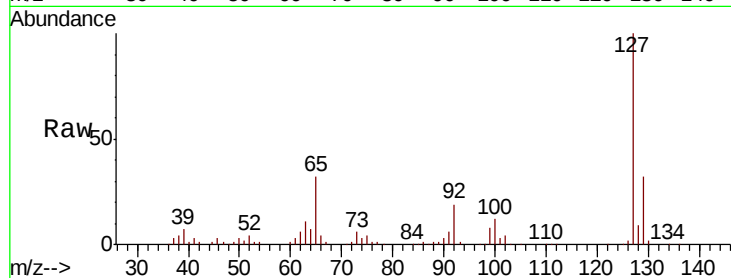




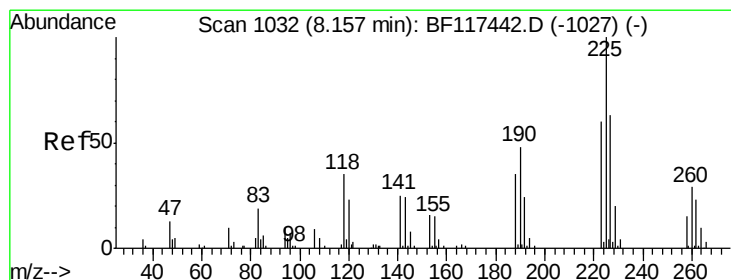
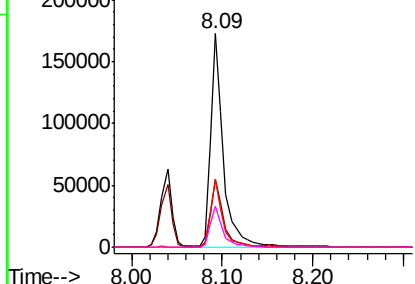
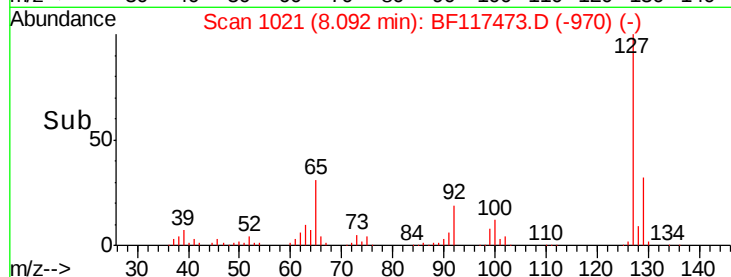
#33
4-Chloroaniline
Concen: 42.662 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	171162
Ion Ratio	Lower	Upper
127	100	
129	31.7	24.8 37.2
65	31.6	24.6 37.0
92	19.4	16.5 24.7

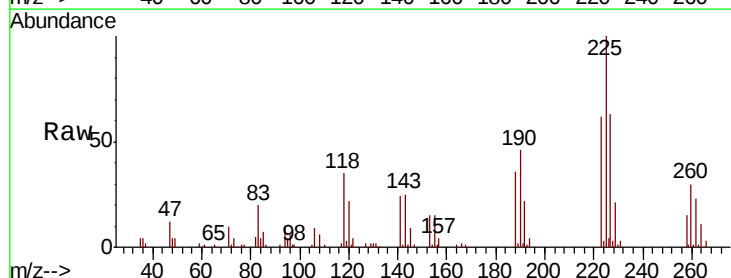


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

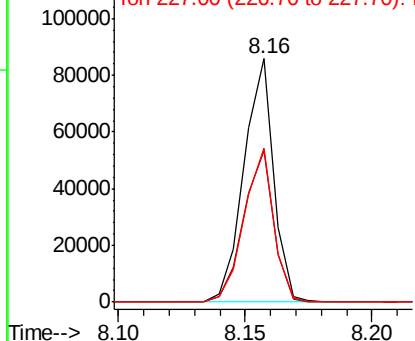
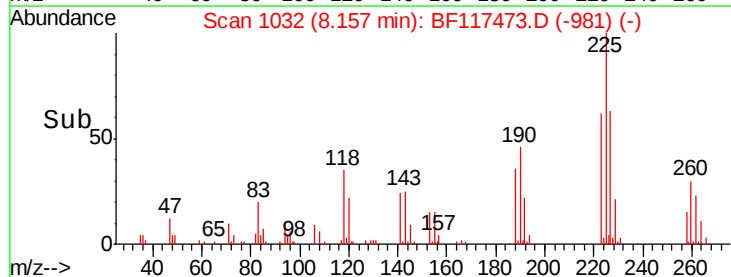


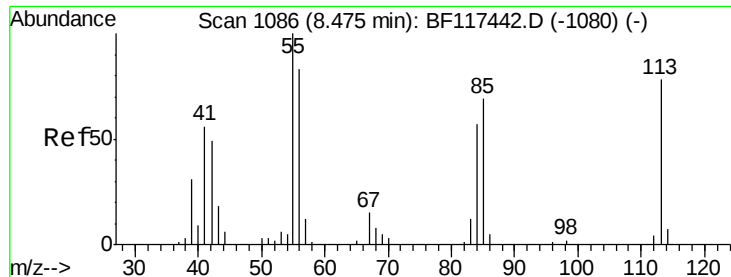
#34
Hexachlorobutadiene
Concen: 43.185 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:225	Resp:	69778
Ion Ratio	Lower	Upper
225	100	
223	62.2	48.2 72.4
227	63.4	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

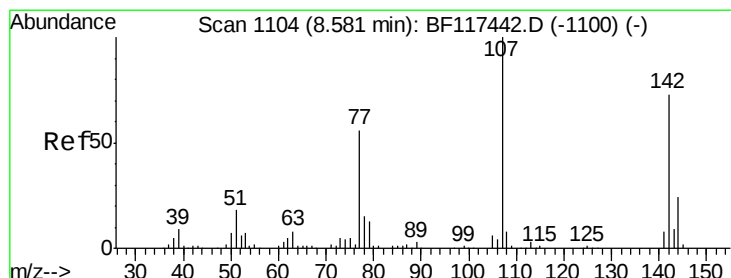
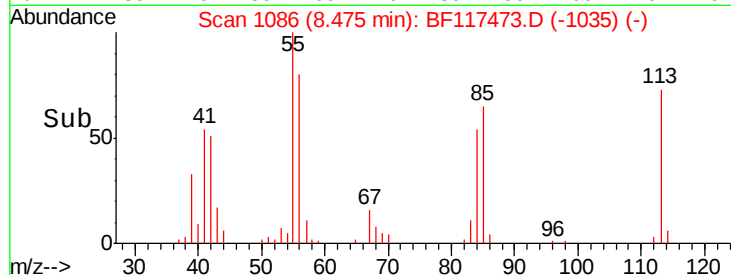
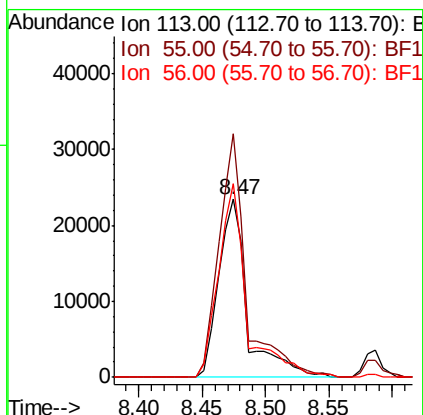
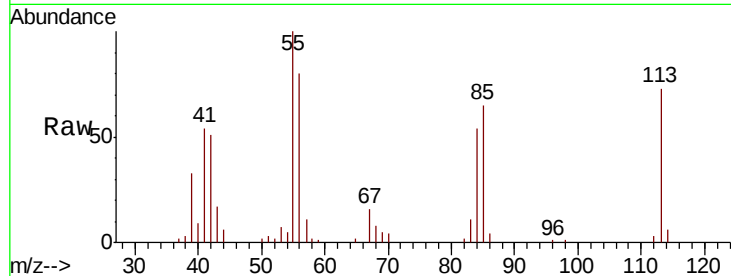




#35
 Caprolactam
 Concen: 44.051 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

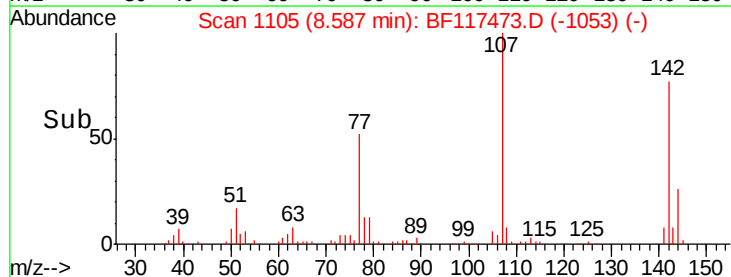
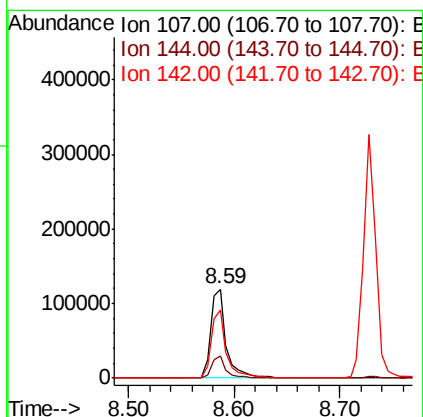
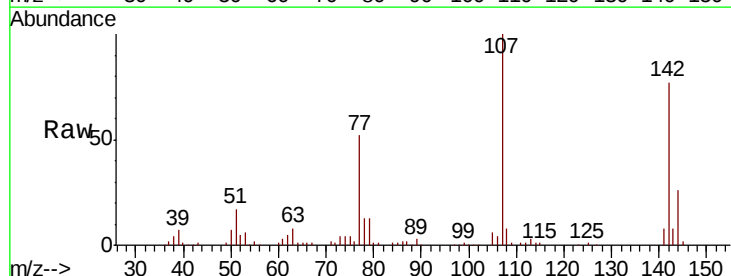
Instrument :
 BNA_F
 ClientSampleId :

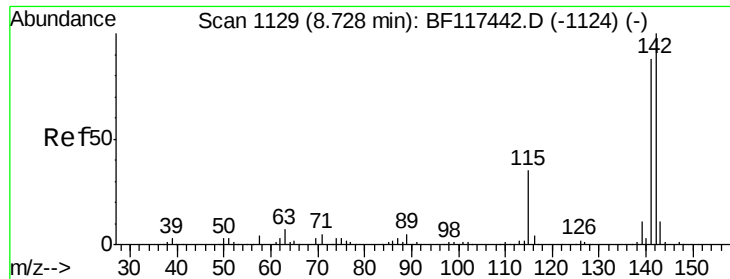
Tot Ion:113 Resp: 36812
 Ion Ratio Lower Upper
 113 100
 55 136.7 108.8 148.8
 56 109.0 87.2 127.2



#36
 4-Chloro-3-methylphenol
 Concen: 41.928 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:107 Resp: 124391
 Ion Ratio Lower Upper
 107 100
 144 25.5 18.9 28.3
 142 76.9 58.6 88.0

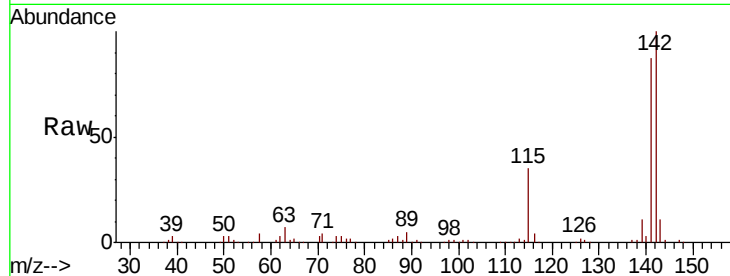




#37
 2-Methylnaphthalene
 Concen: 41.153 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.3	105.5
115	35.3	28.2	42.2

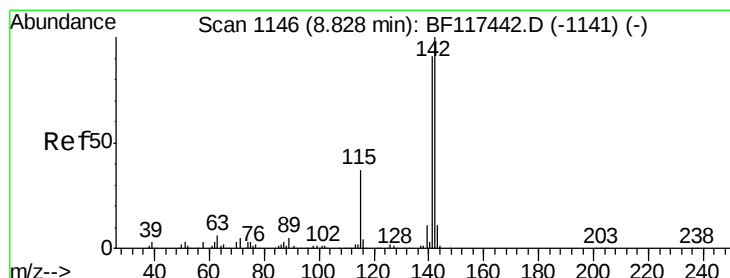
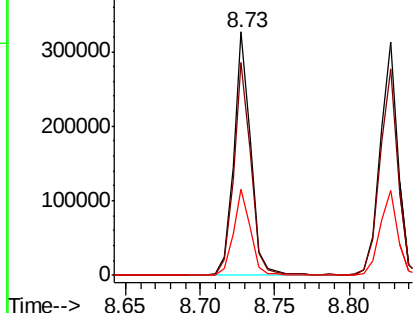
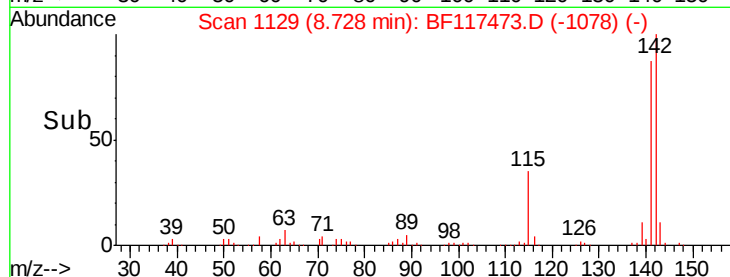


Abundance

Ion 142.00 (141.70 to 142.70): E

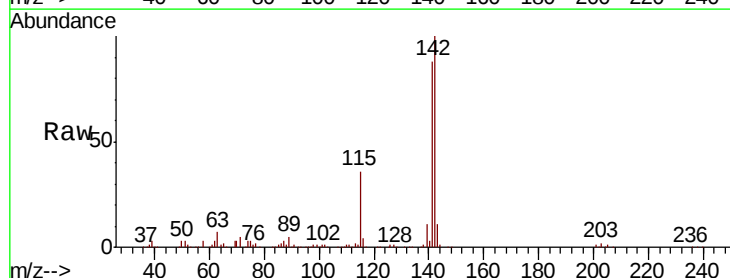
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.824 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	73.3	109.9
116	3.7	3.1	4.7

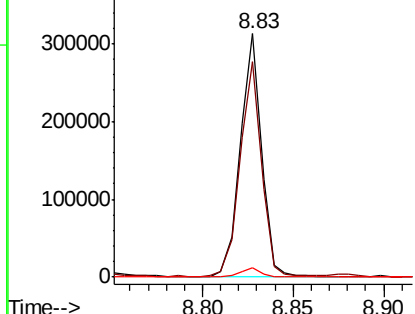
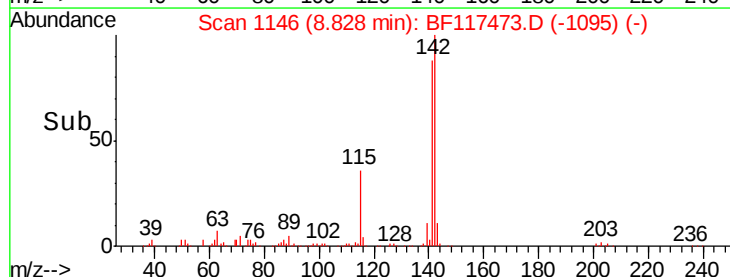


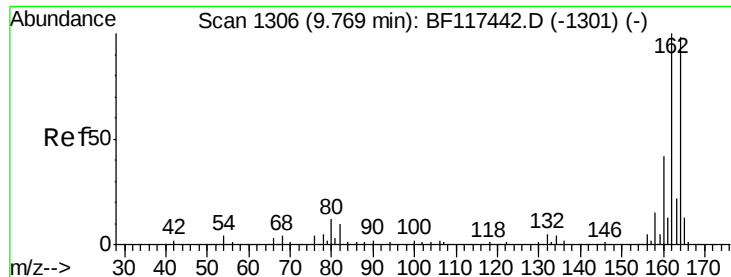
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

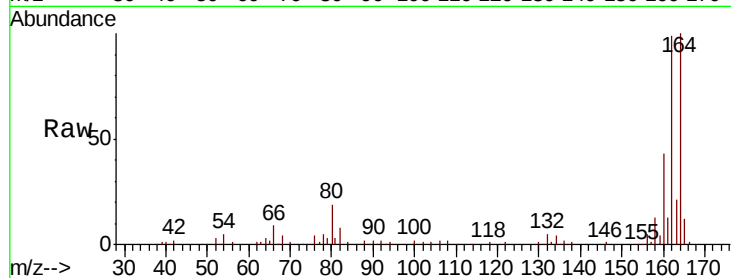
Tot Ion:164 Resp: 97806

Ion Ratio Lower Upper

164 100

162 99.0 81.8 122.6

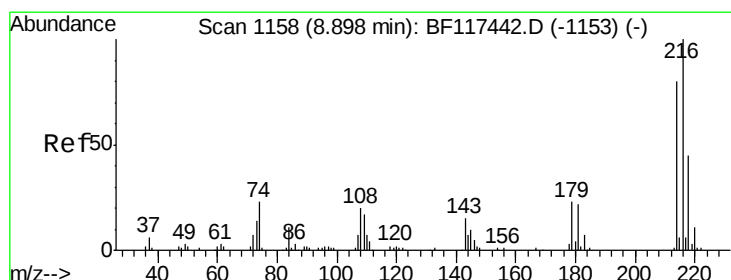
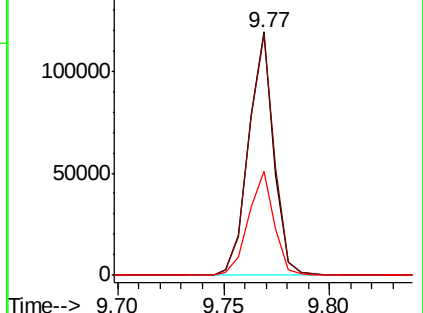
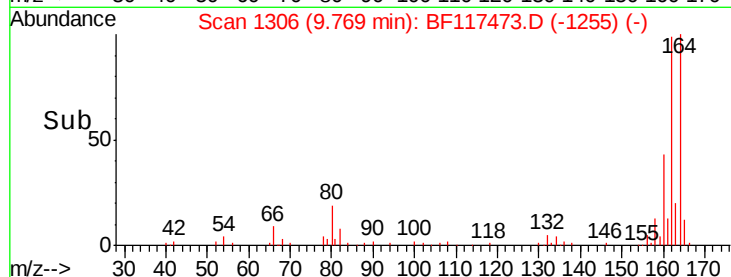
160 42.9 34.4 51.6



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: 42.014 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Tgt Ion:216 Resp: 110678

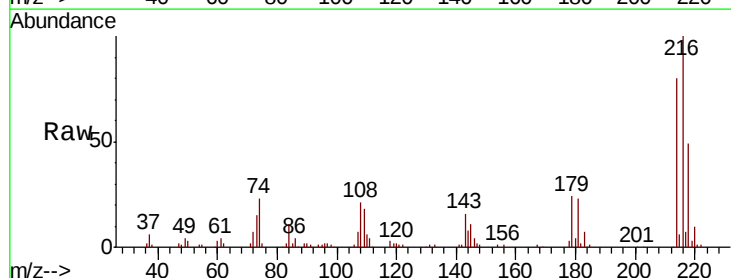
Ion Ratio Lower Upper

216 100

214 79.2 62.4 93.6

179 23.2 18.1 27.1

108 21.6 16.6 24.8

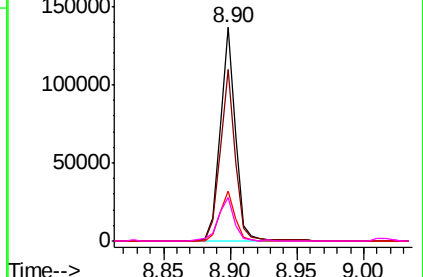
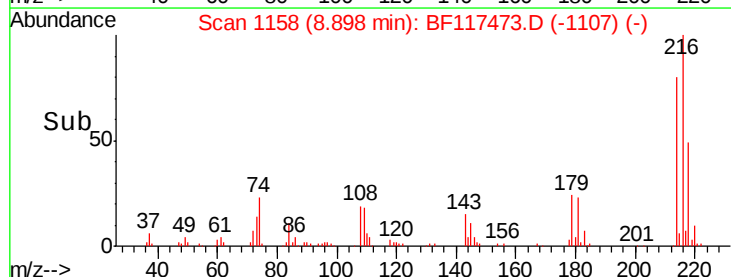


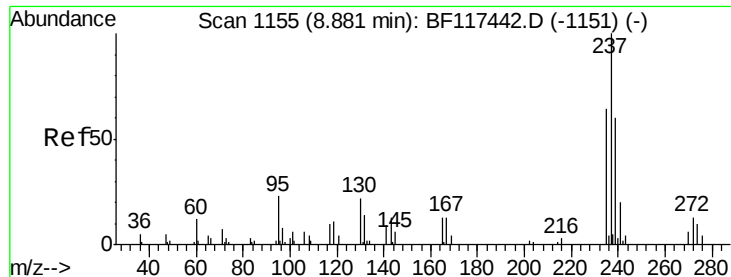
Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.096 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

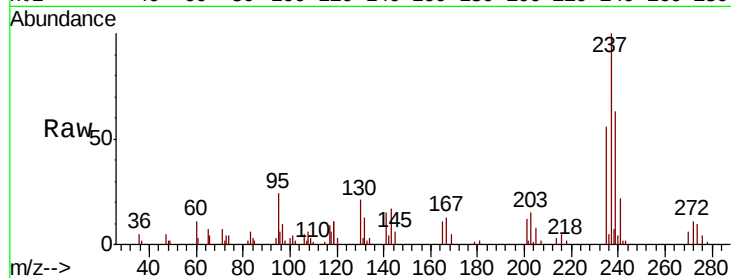
Tot Ion:237 Resp: 17241

Ion Ratio Lower Upper

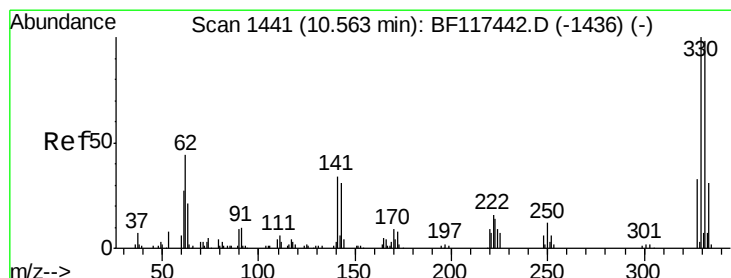
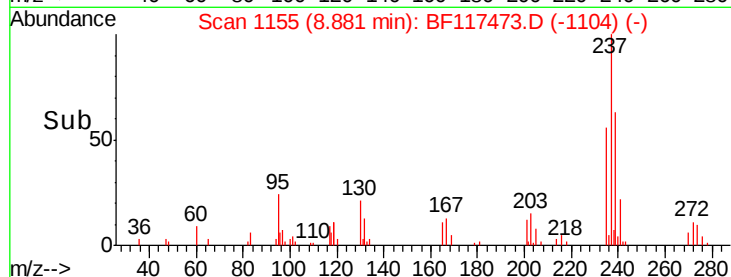
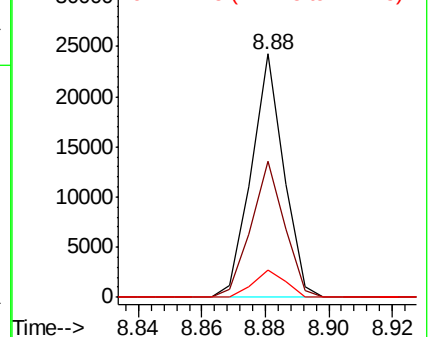
237 100

235 56.1 44.3 84.3

272 11.3 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: 82.705 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

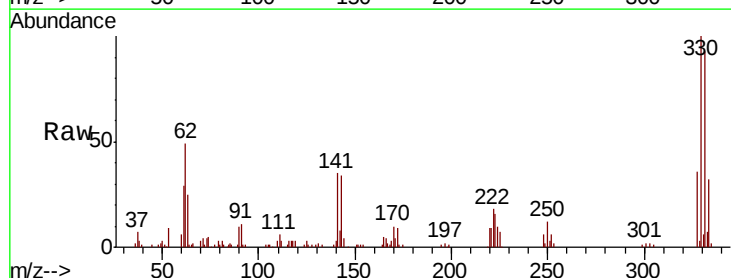
Tgt Ion:330 Resp: 69991

Ion Ratio Lower Upper

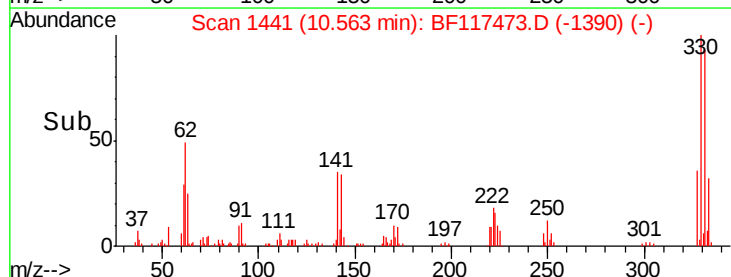
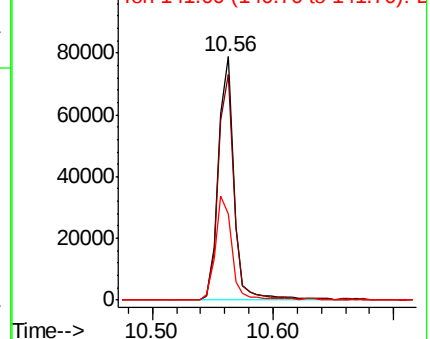
330 100

332 94.8 78.5 117.7

141 45.1 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

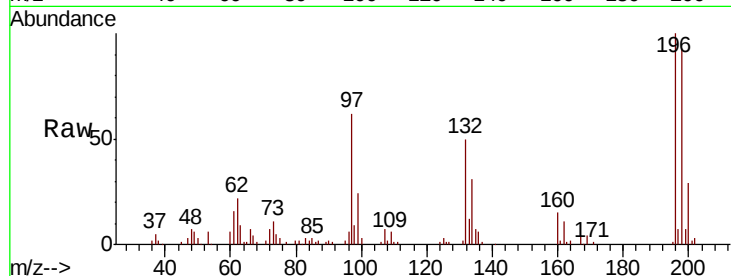




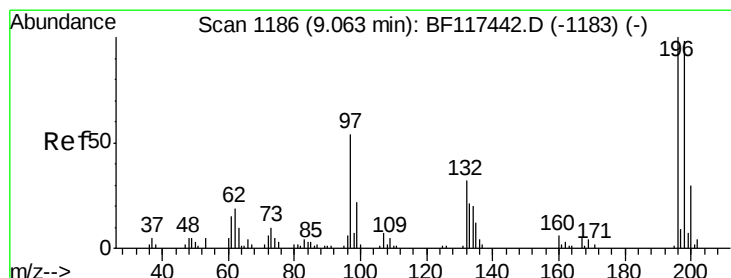
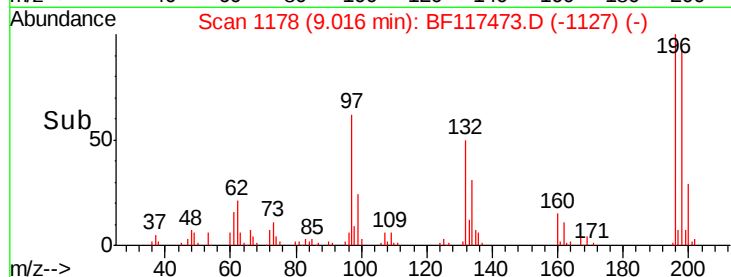
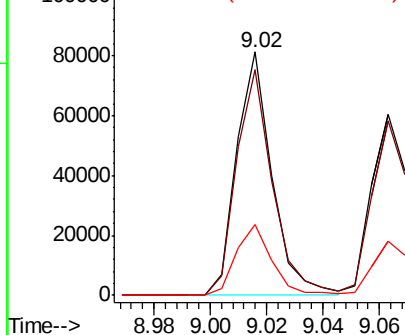
#43
 2,4,6-Trichlorophenol
 Concen: 42.969 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 70884
 Ion Ratio Lower Upper
 196 100
 198 92.6 74.1 111.1
 200 29.3 23.9 35.9

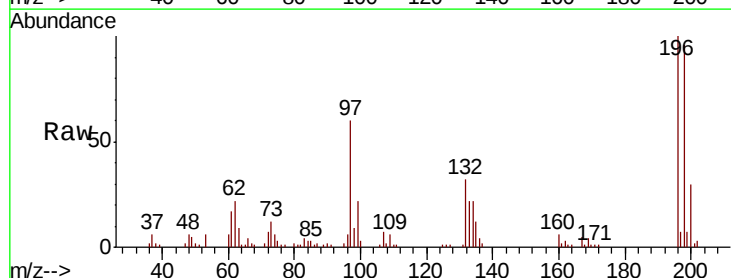


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

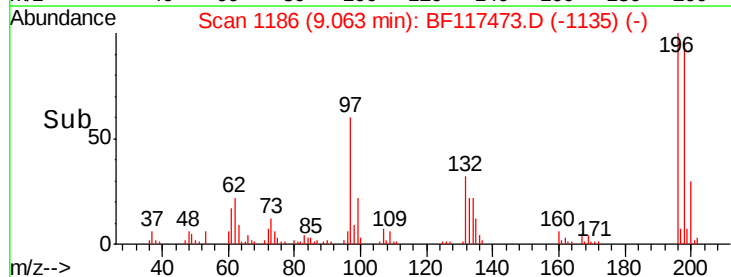
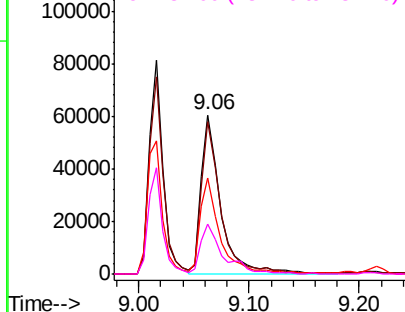


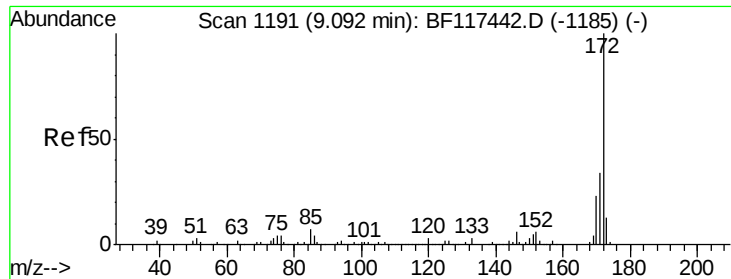
#44
 2,4,5-Trichlorophenol
 Concen: 43.567 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:196 Resp: 72829
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.6 117.8
 97 60.0 43.4 65.2
 132 31.6 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

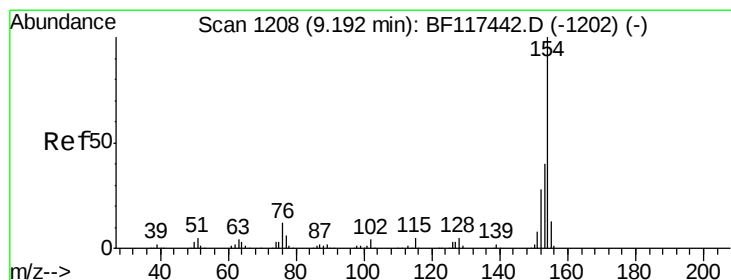
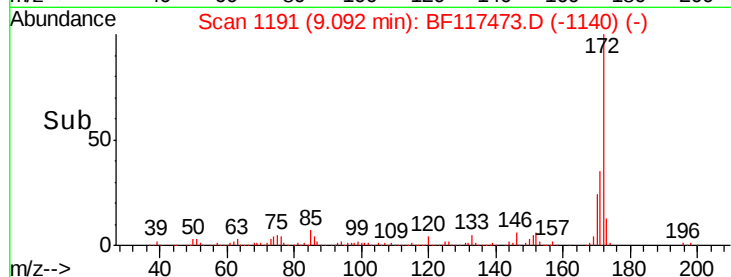
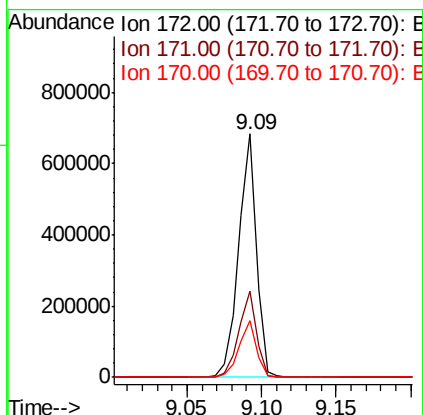
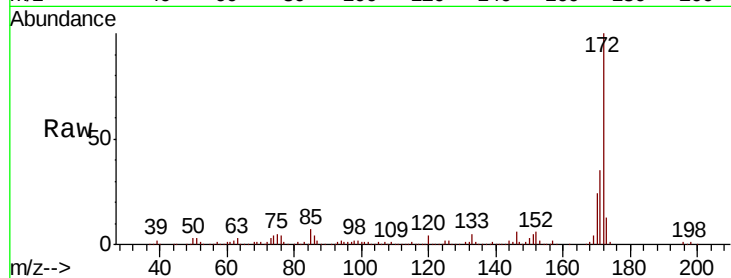




#45
2-Fluorobiphenyl
Concen: 82.783 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

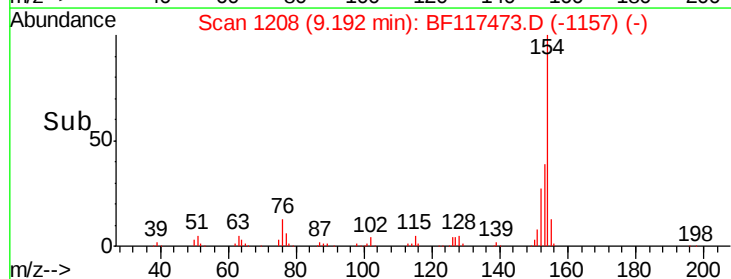
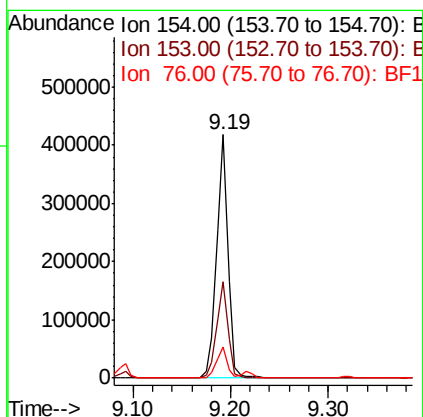
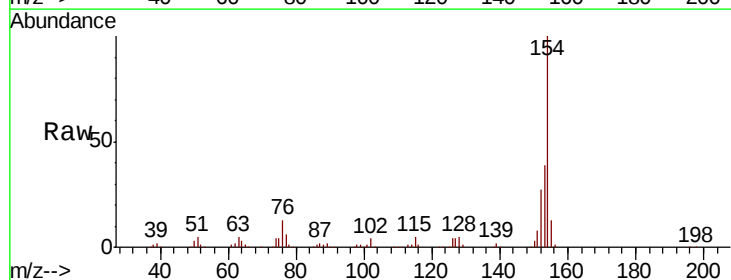
Instrument :
BNA_F
ClientSampleId :

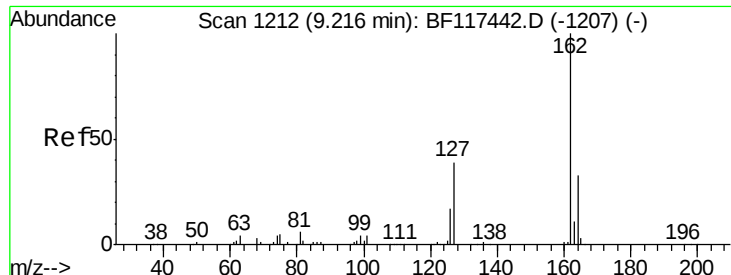
Tot Ion:172 Resp: 574644
Ion Ratio Lower Upper
172 100
171 35.2 27.5 41.3
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 41.948 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:154 Resp: 339653
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 12.6 0.0 32.1

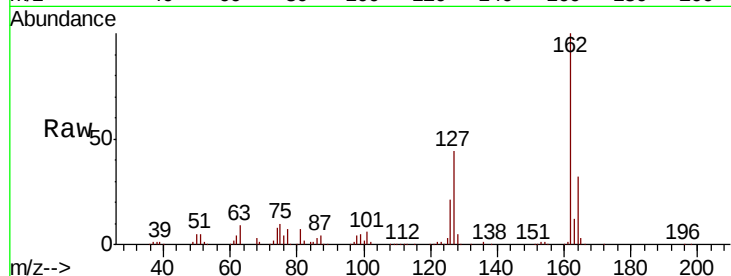




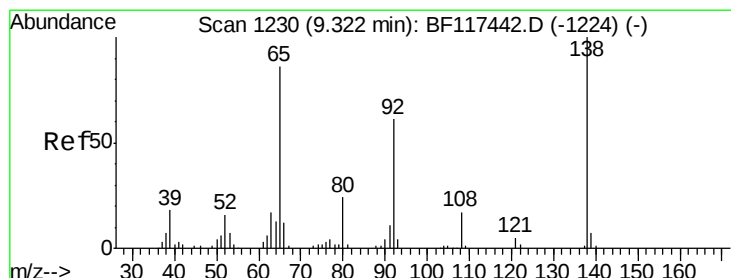
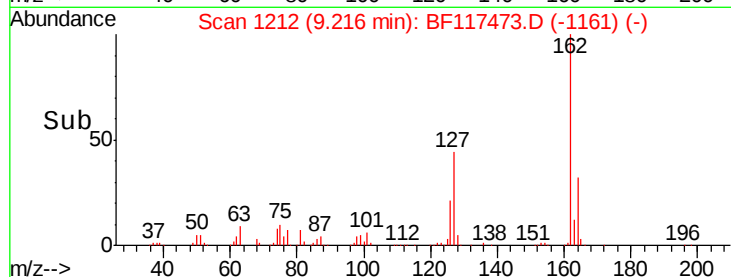
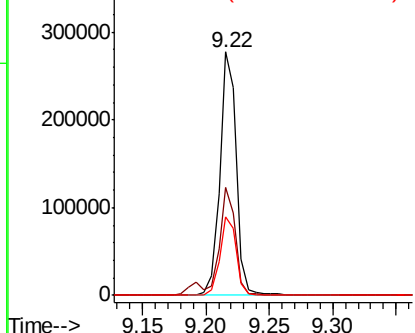
#47
 2-Chloronaphthalene
 Concen: 41.439 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.2	51.4
164	32.4	26.4	39.6

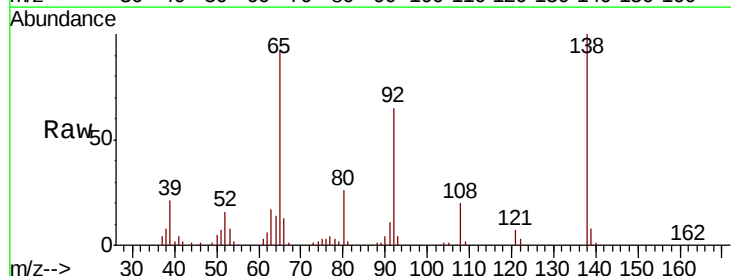


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

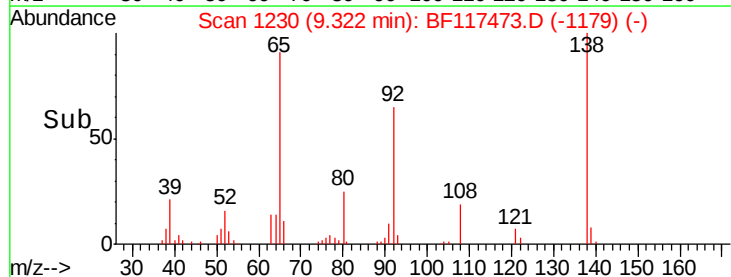
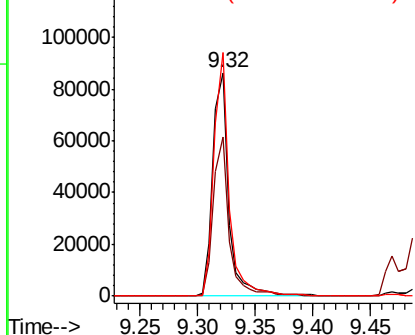


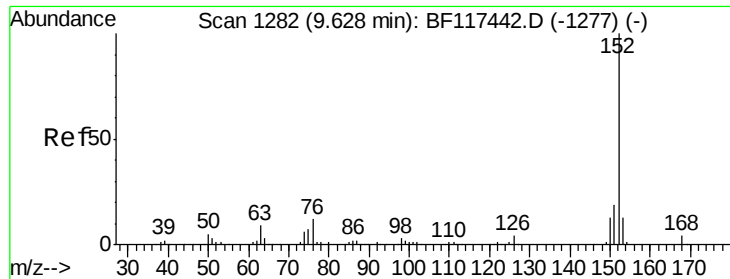
#48
 2-Nitroaniline
 Concen: 41.843 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.3	85.9
138	108.9	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: 41.768 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

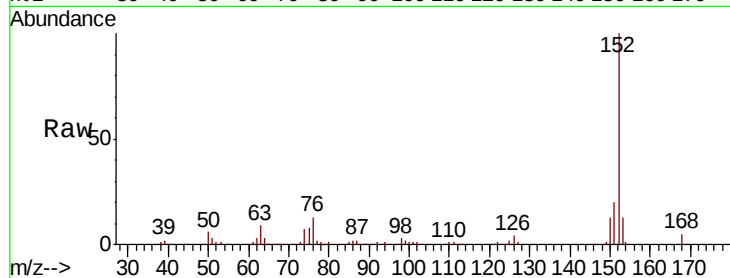
Tot Ion:152 Resp: 374545

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0

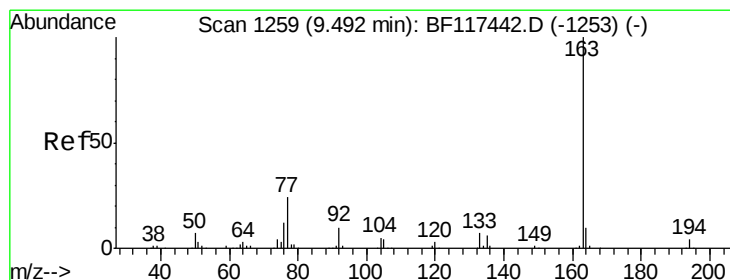
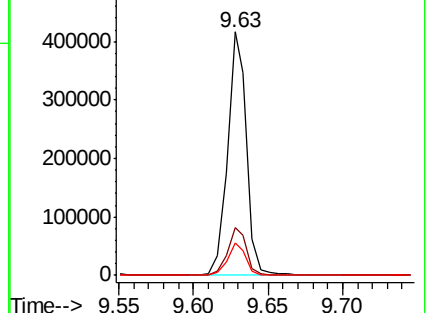
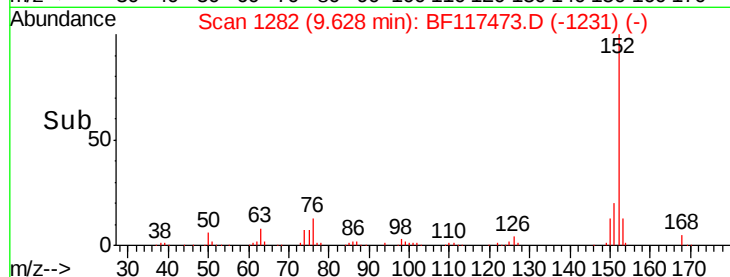
153 13.1 10.3 15.5



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: 41.863 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

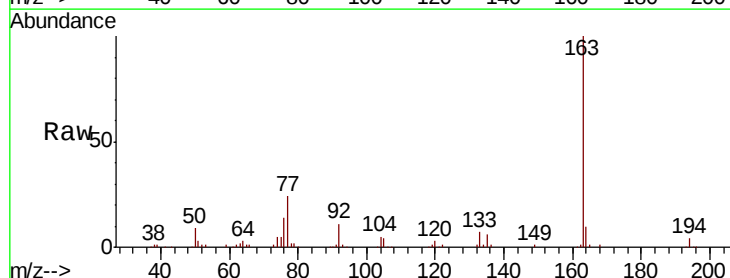
Tgt Ion:163 Resp: 291893

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

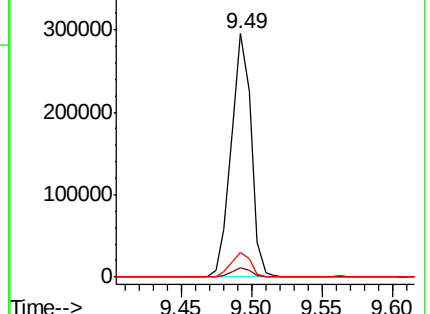
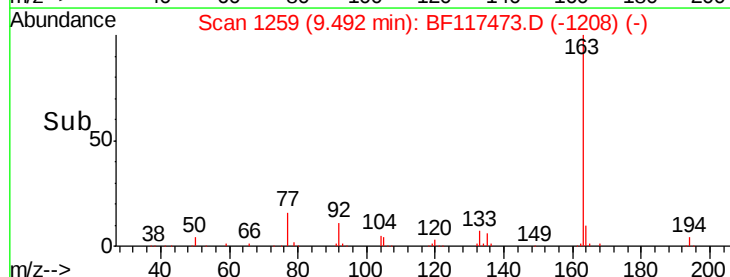
164 9.9 8.2 12.2



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

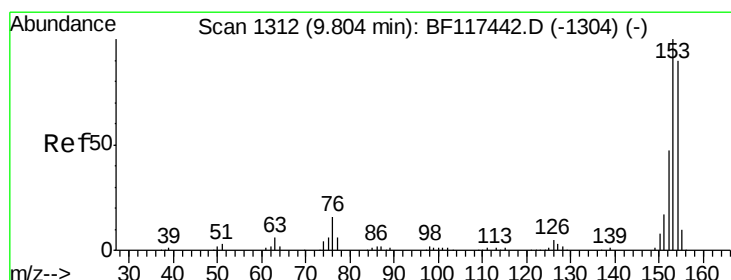
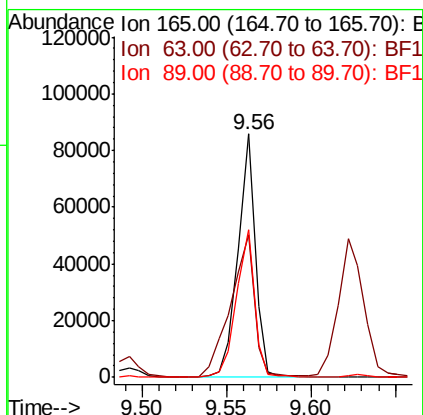
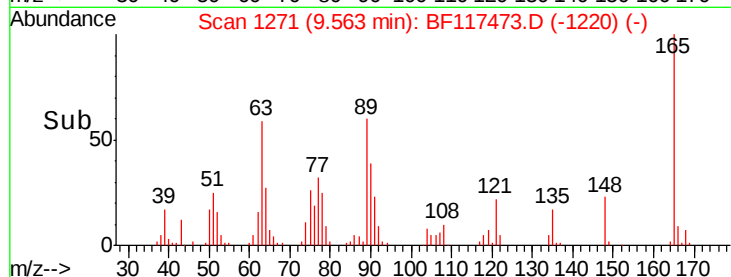
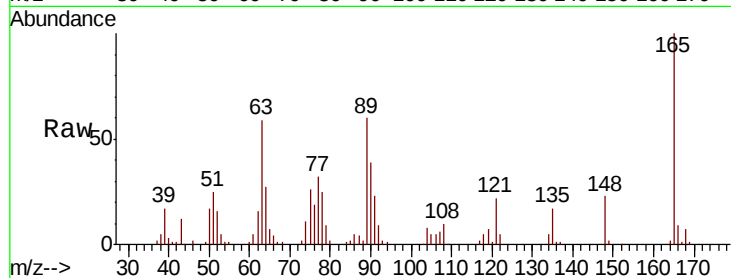




#51
2,6-Dinitrotoluene
Concen: 42.470 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

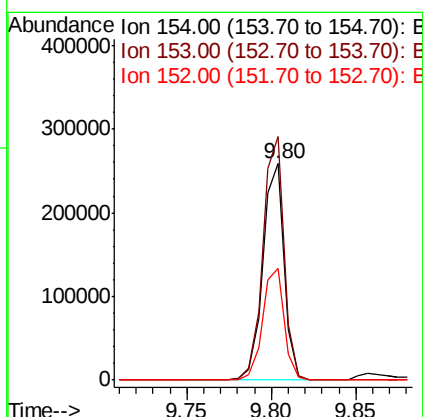
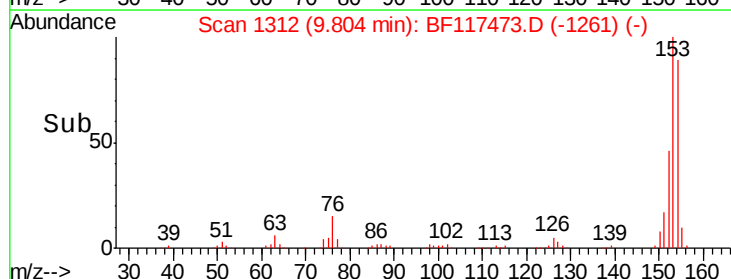
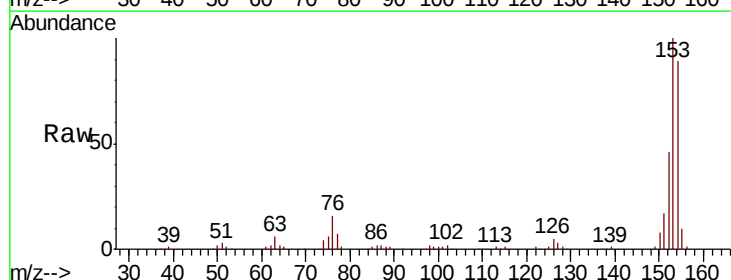
Instrument :
BNA_F
ClientSampleId :

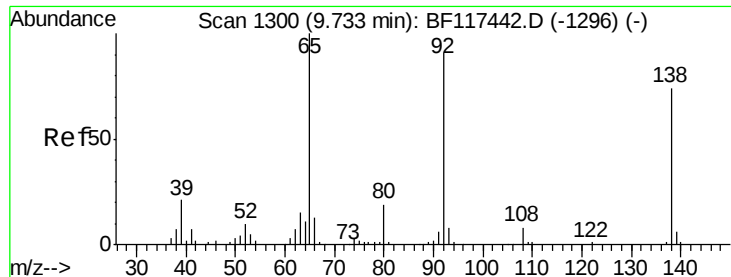
Tot Ion:165 Resp: 61793
Ion Ratio Lower Upper
165 100
63 58.6 43.8 65.8
89 60.4 47.6 71.4



#52
Acenaphthene
Concen: 41.080 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:154 Resp: 226006
Ion Ratio Lower Upper
154 100
153 112.4 89.2 133.8
152 51.7 41.8 62.6

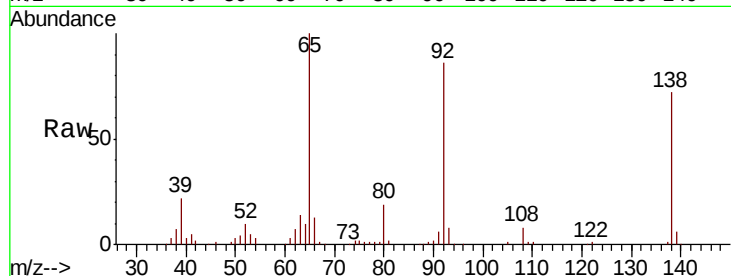




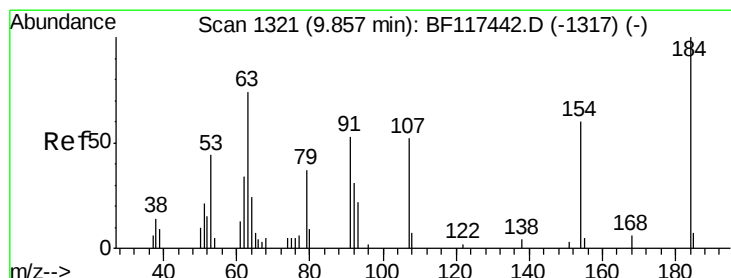
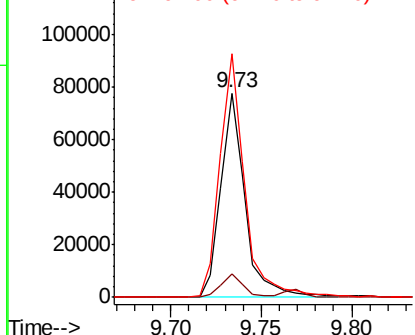
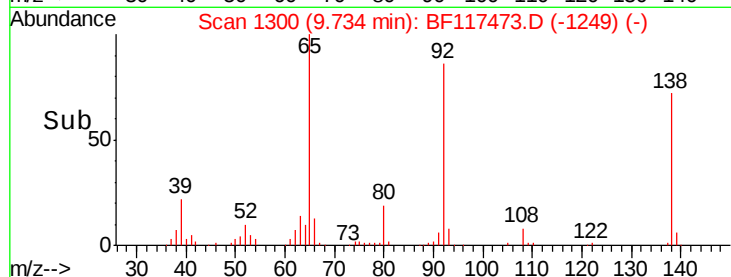
#53
3-Nitroaniline
Concen: 41.108 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 72572
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 119.2 98.4 147.6

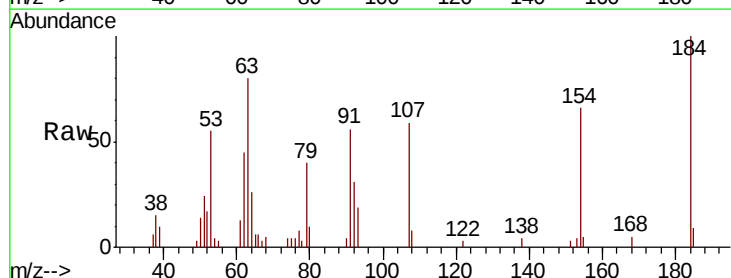


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

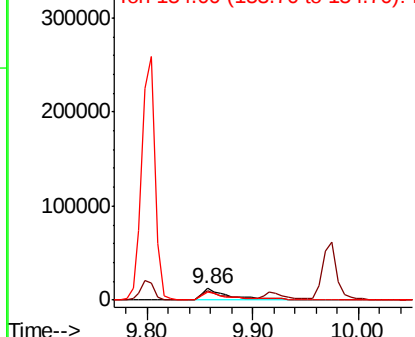
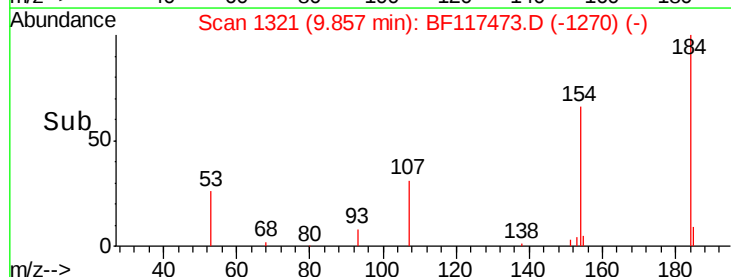


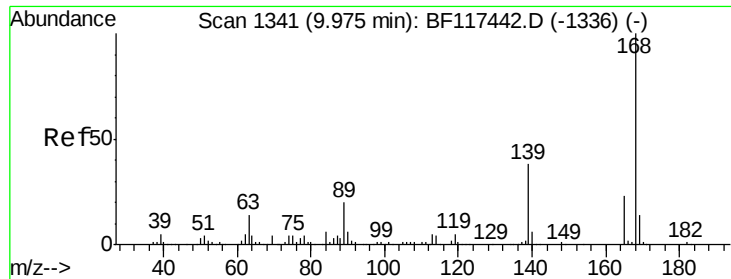
#54
2,4-Dinitrophenol
Concen: 41.042 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:184 Resp: 23305
Ion Ratio Lower Upper
184 100
63 79.8 59.2 88.8
154 66.2 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

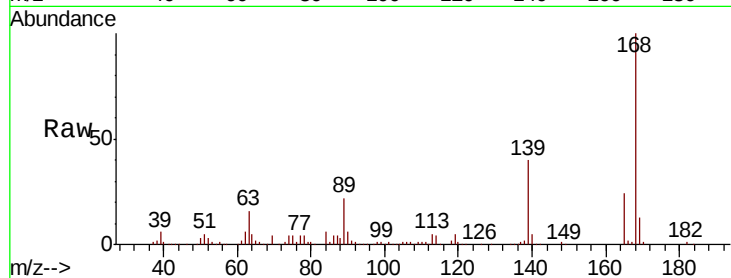




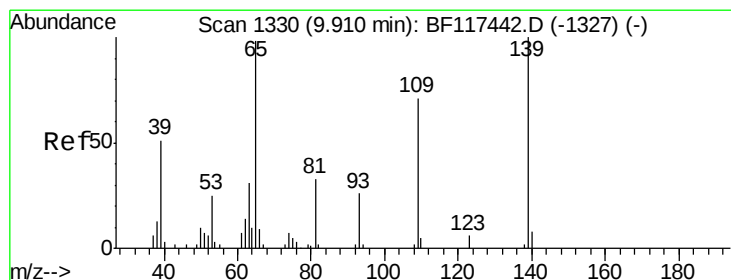
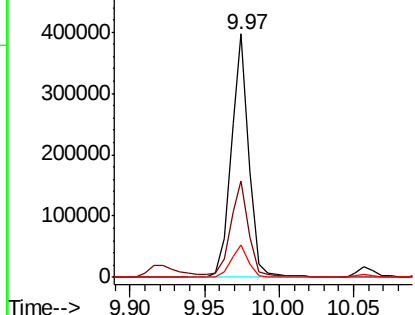
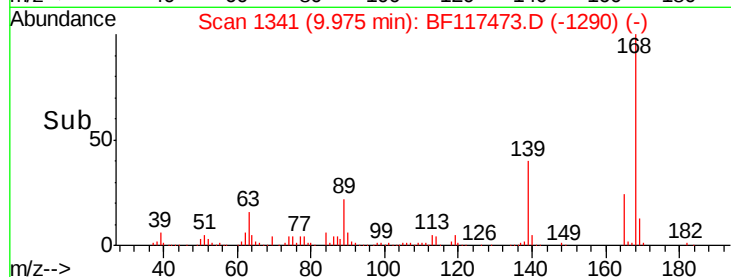
#55
Dibenzenofuran
Concen: 41.421 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.8	47.6
169	13.4	11.2	16.8

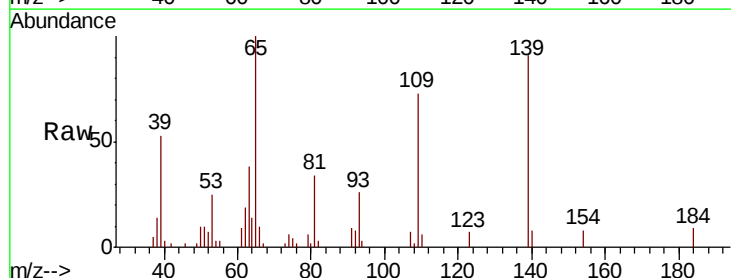


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

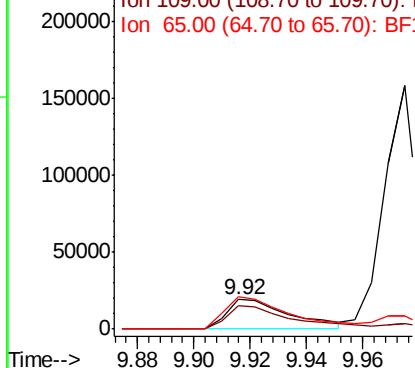
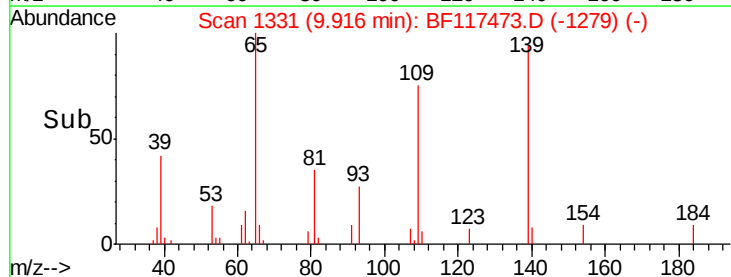


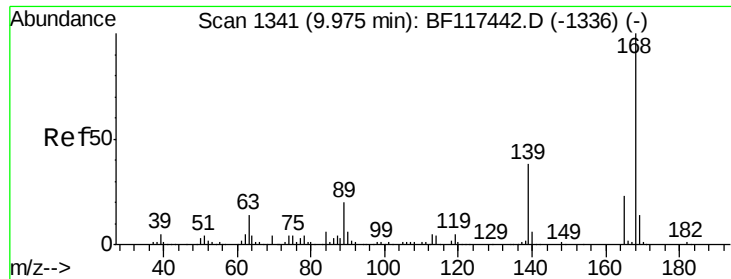
#56
4-Nitrophenol
Concen: 39.391 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.4	51.4	91.4
65	109.7	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

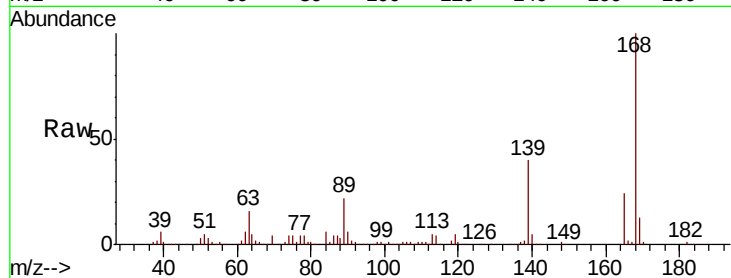




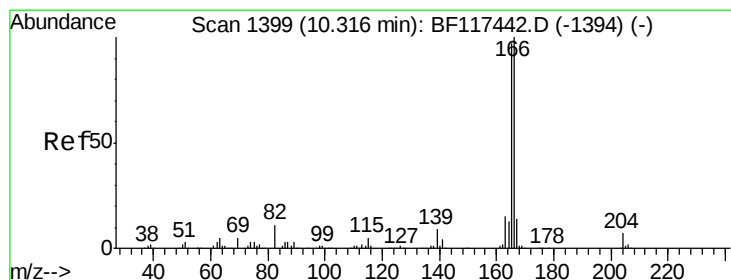
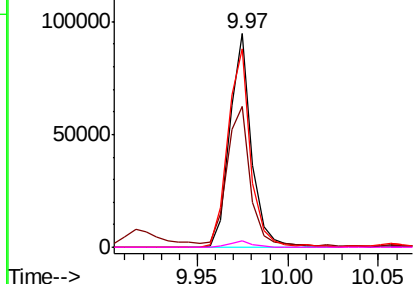
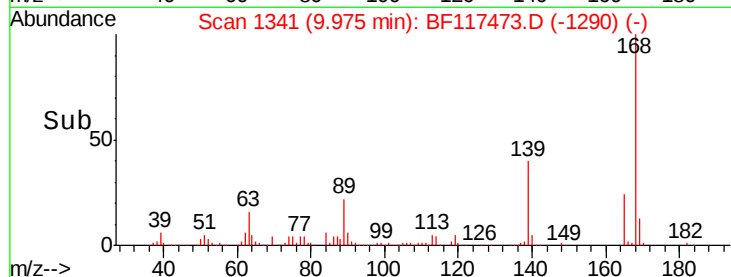
#57
2,4-Dinitrotoluene
Concen: 40.749 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 78827
Ion Ratio Lower Upper
165 100
63 65.7 51.4 77.0
89 92.6 69.9 104.9
182 2.7 1.9 2.9

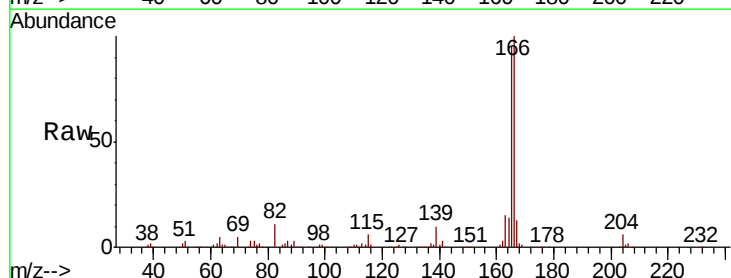


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

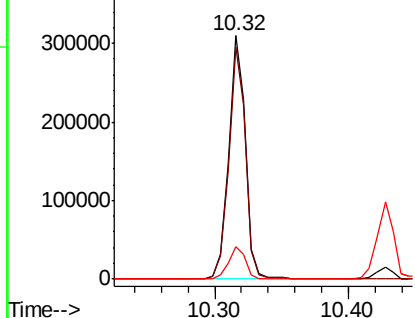
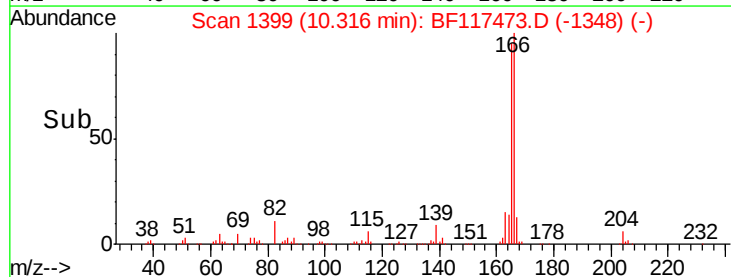


#58
Fluorene
Concen: 41.590 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:166 Resp: 274145
Ion Ratio Lower Upper
166 100
165 95.1 77.6 116.4
167 13.3 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

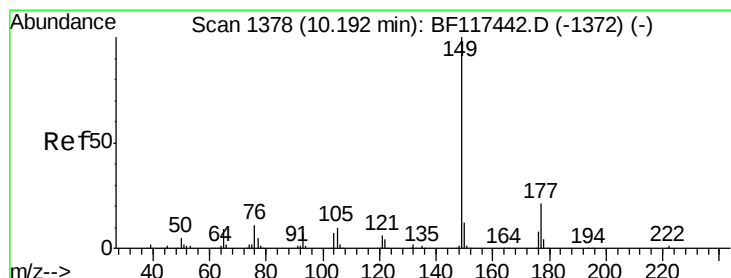
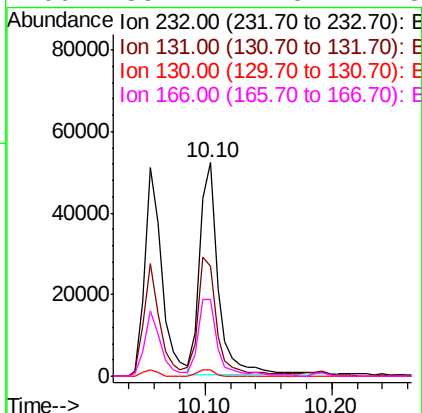
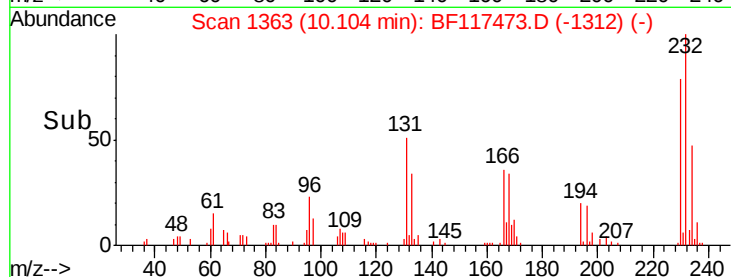
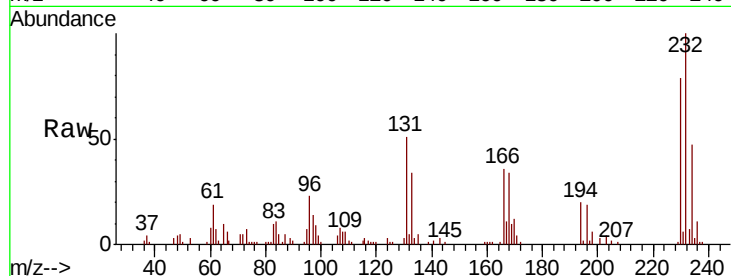




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.525 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

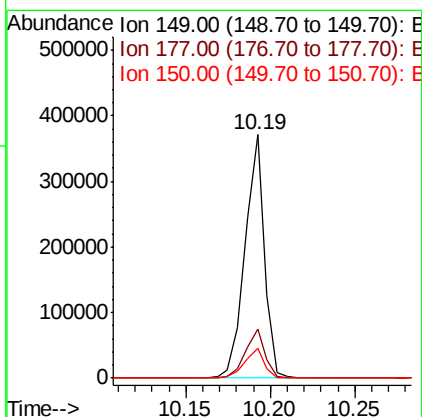
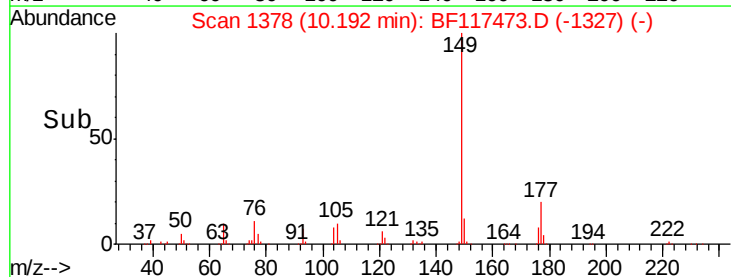
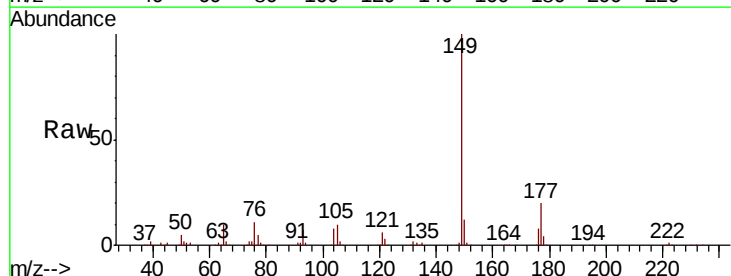
Instrument :
BNA_F
ClientSampleId :

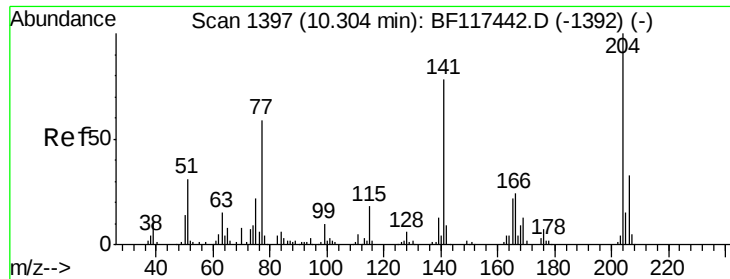
Tot Ion	Ratio	Lower	Upper
232	100		
131	59.0	42.6	63.8
130	2.7	2.2	3.4
166	38.4	27.5	41.3



#60
Diethylphthalate
Concen: 42.413 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.9	17.0	25.4
150	12.5	9.8	14.6

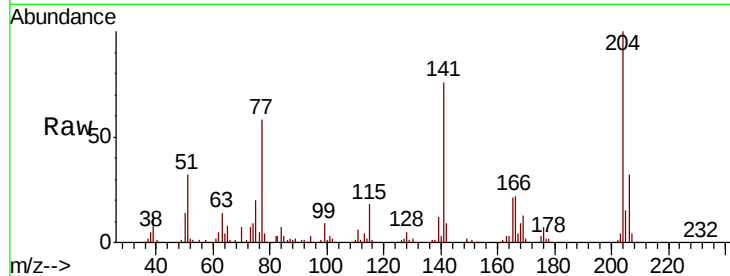




#61
4-Chlorophenyl-phenylether
Concen: 41.761 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.3	39.5
141	75.8	62.2	93.4

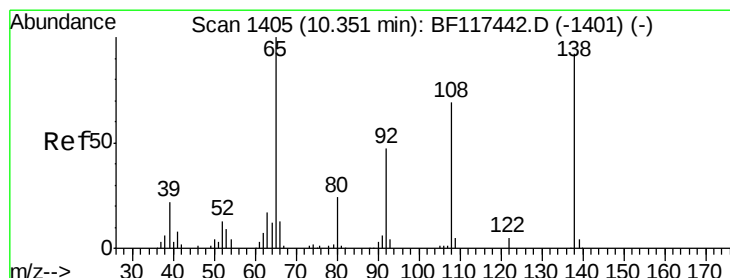
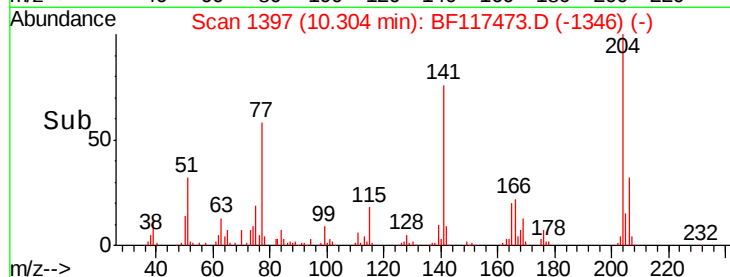
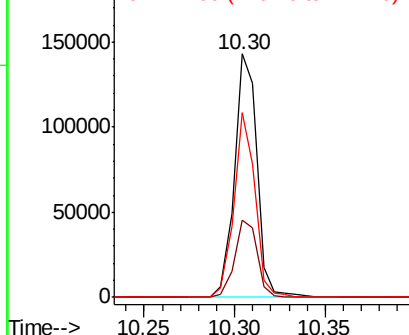


Abundance

Ion 204.00 (203.70 to 204.70): E

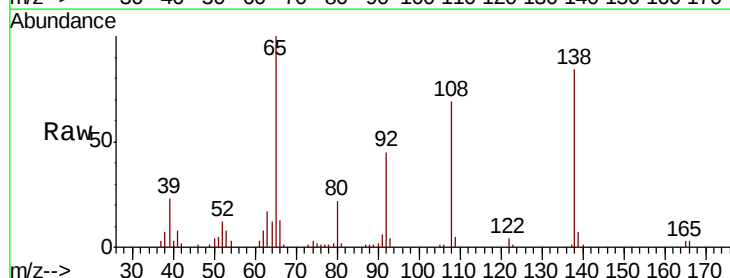
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.924 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.3	30.3	70.3
108	82.7	54.9	94.9

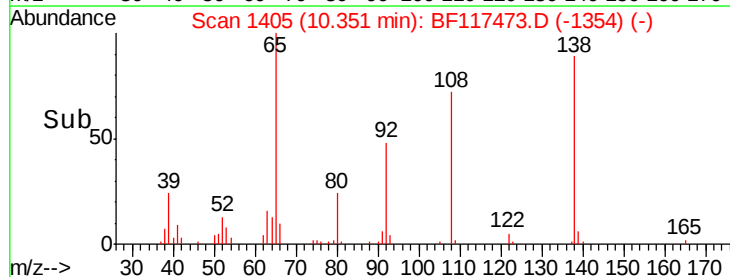
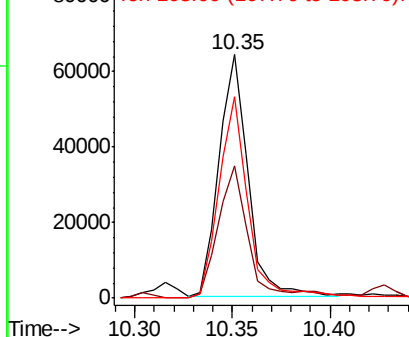


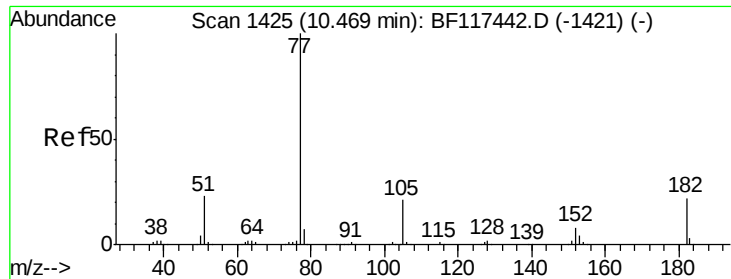
Abundance

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

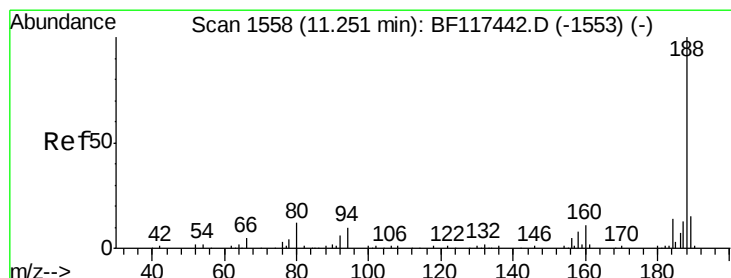
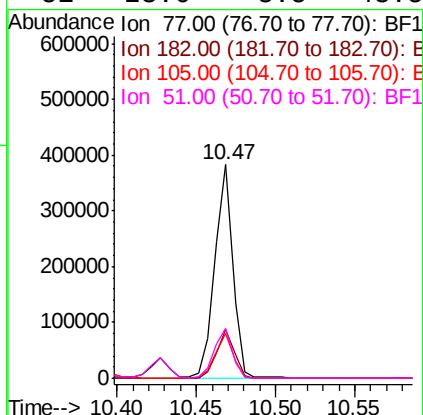
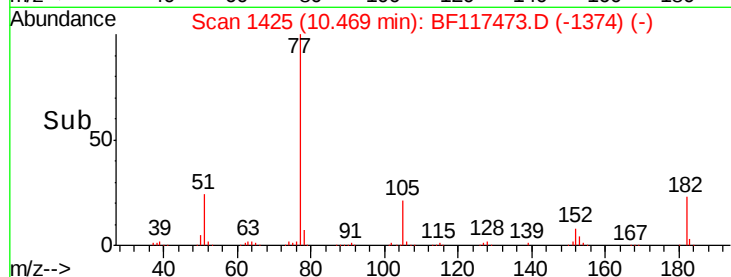
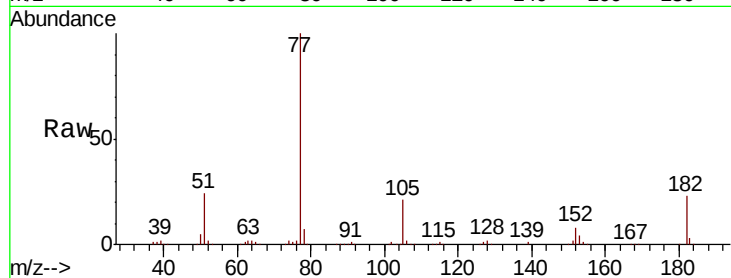




#63
Azobenzene
Concen: 41.945 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

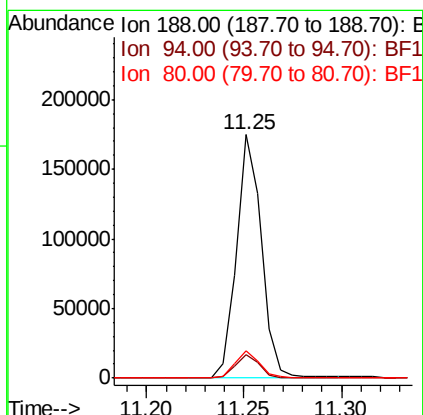
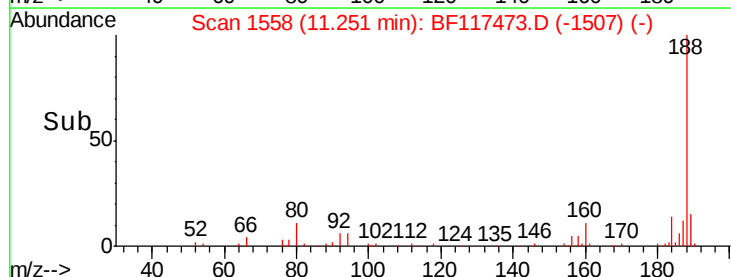
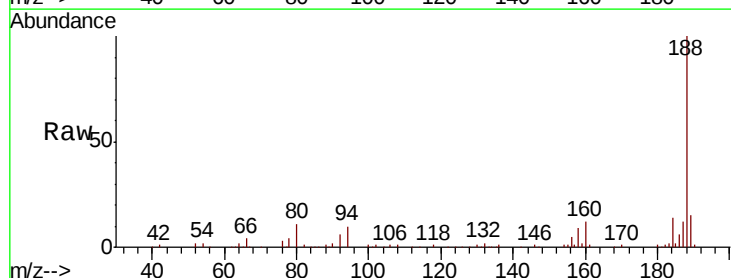
Instrument :
BNA_F
ClientSampleId :

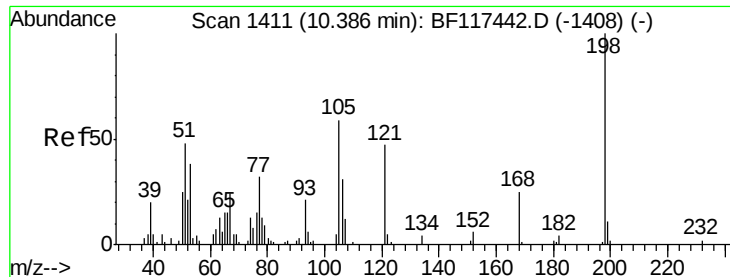
Tot Ion:	77	Resp:	302823
Ion	Ratio	Lower	Upper
77	100		
182	22.6	2.3	42.3
105	21.3	1.3	41.3
51	23.6	3.5	43.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:	188	Resp:	154978
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.0	12.0
80	11.3	9.5	14.3





#65

4,6-Dinitro-2-methylphenol

Concen: 40.003 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

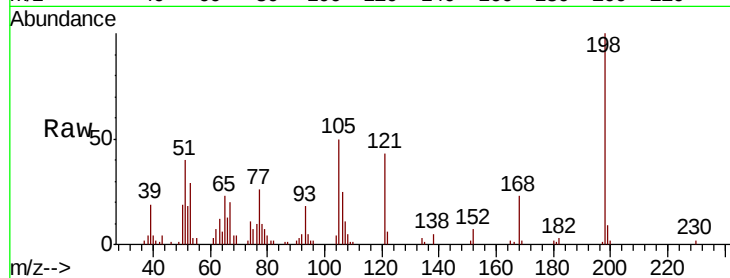
Tot Ion:198 Resp: 31520

Ion	Ratio	Lower	Upper
198	100		
51	40.5	29.1	69.1
105	50.0	39.4	79.4

198 100

51 40.5 29.1 69.1

105 50.0 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

120000

100000

80000

60000

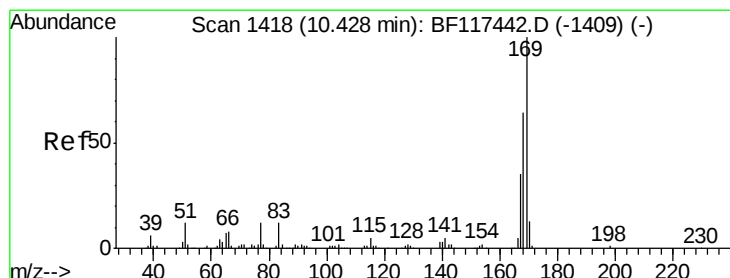
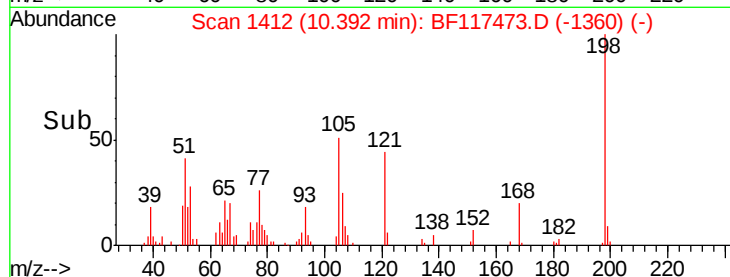
40000

20000

0

10.35 10.40 10.45 10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 40.618 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

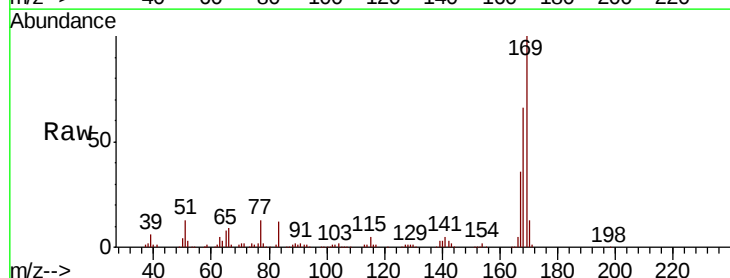
Tgt Ion:169 Resp: 230126

Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.3	76.9
167	35.6	28.2	42.4

169 100

168 65.9 51.3 76.9

167 35.6 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

300000

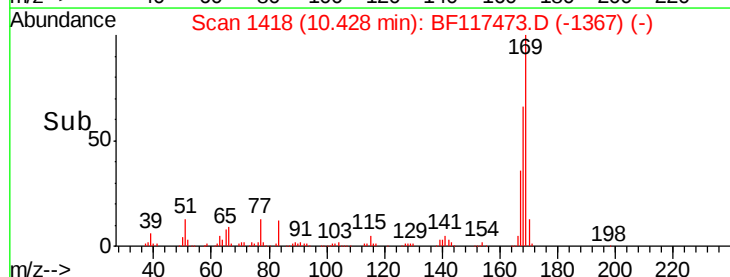
200000

100000

0

10.30 10.40 10.50

Time-->

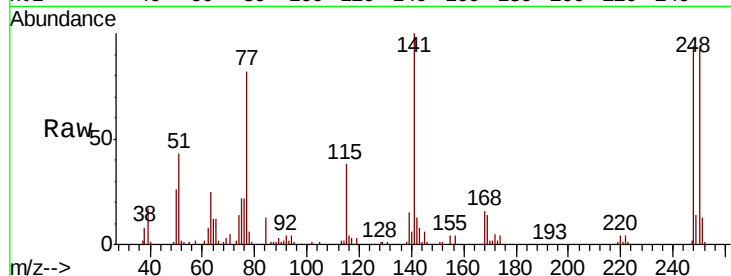




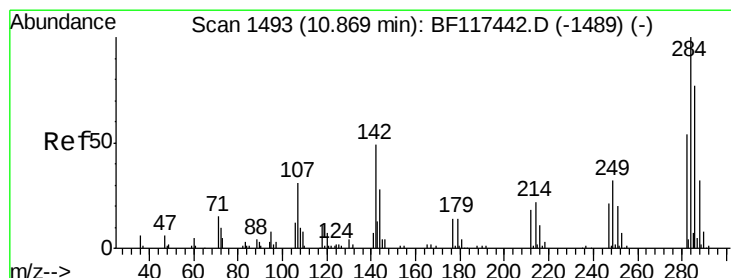
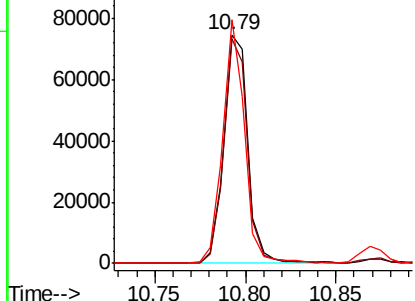
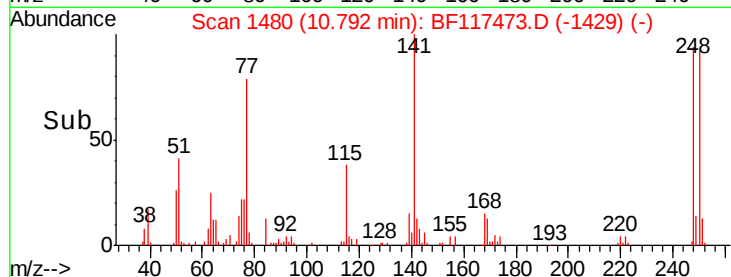
#67
 4-Bromophenyl-phenylether
 Concen: 41.298 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 68938
 Ion Ratio Lower Upper
 248 100
 250 98.2 78.0 117.0
 141 106.6 81.7 122.5

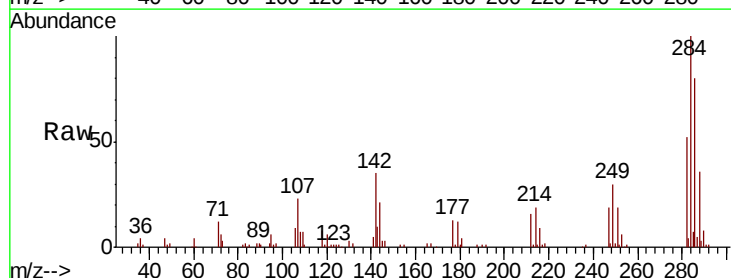


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

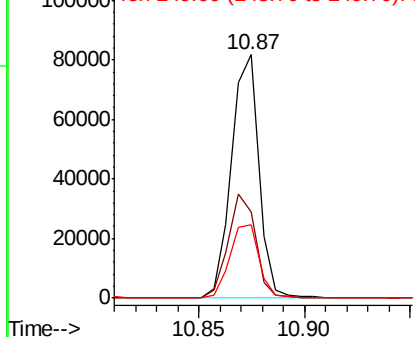
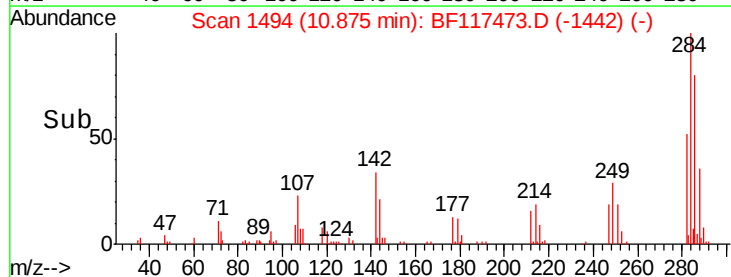


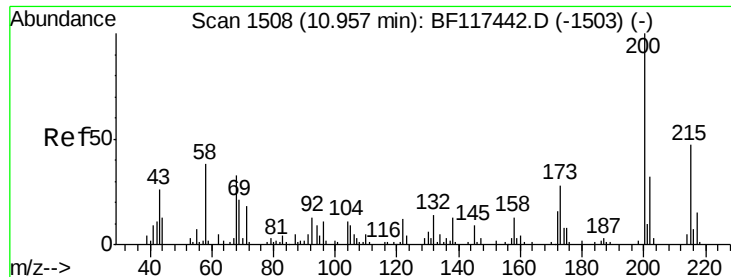
#68
 Hexachlorobenzene
 Concen: 40.971 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:284 Resp: 73245
 Ion Ratio Lower Upper
 284 100
 142 35.2 39.0 58.6#
 249 30.1 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

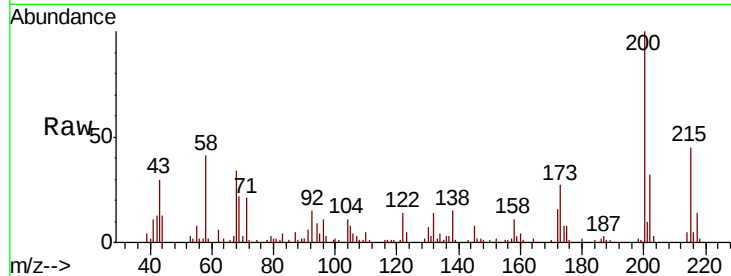




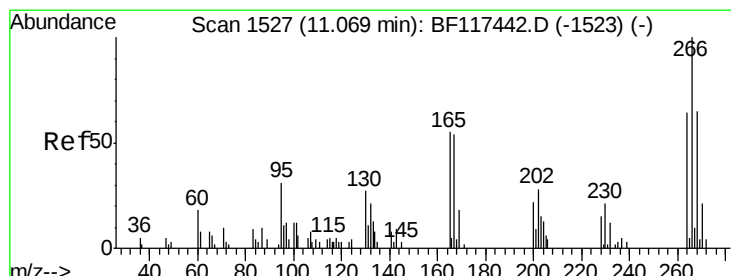
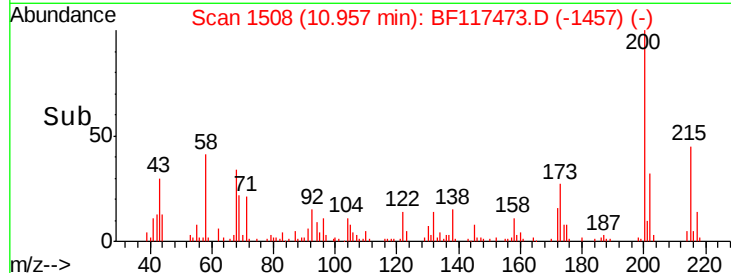
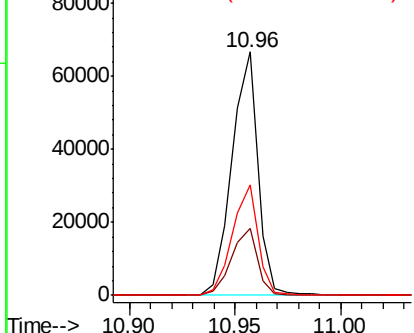
#69
 Atrazine
 Concen: 39.039 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 56274
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.2 48.2
 215 45.2 26.8 66.8

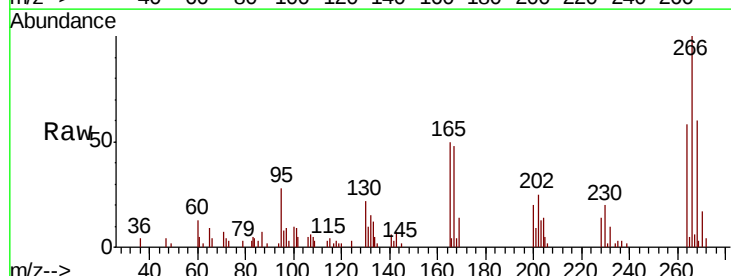


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

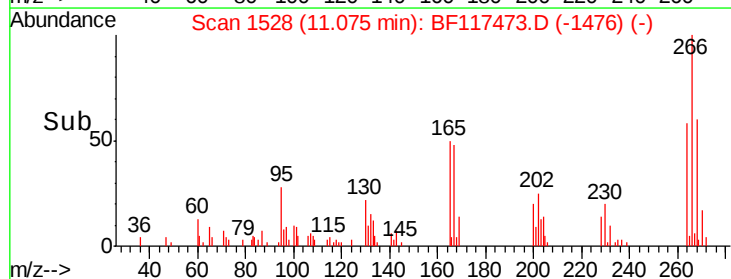
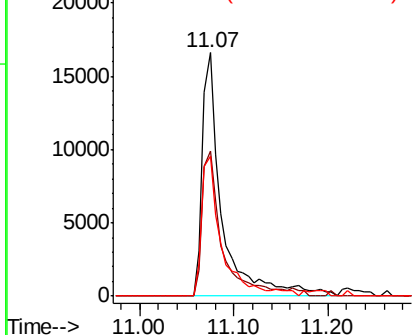


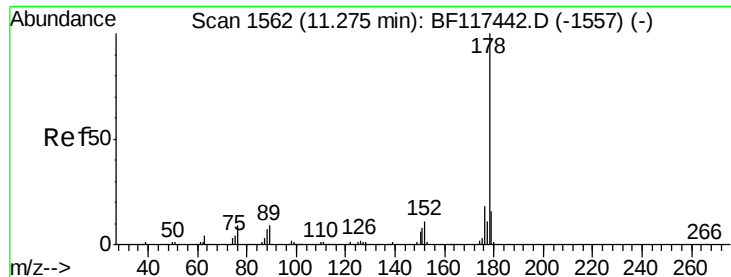
#70
 Pentachlorophenol
 Concen: 45.503 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:266 Resp: 24386
 Ion Ratio Lower Upper
 266 100
 268 59.8 51.6 77.4
 264 57.6 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: 41.336 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

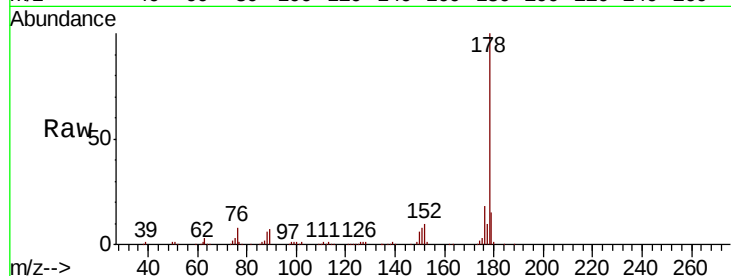
Tot Ion:178 Resp: 371984

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

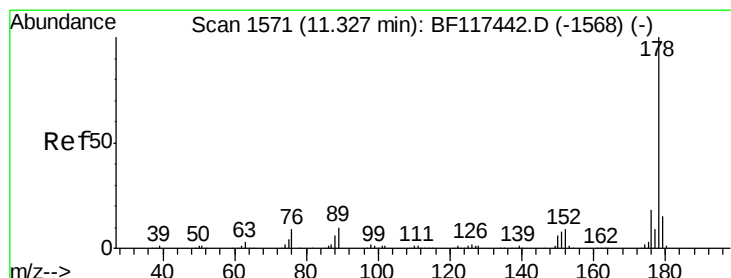
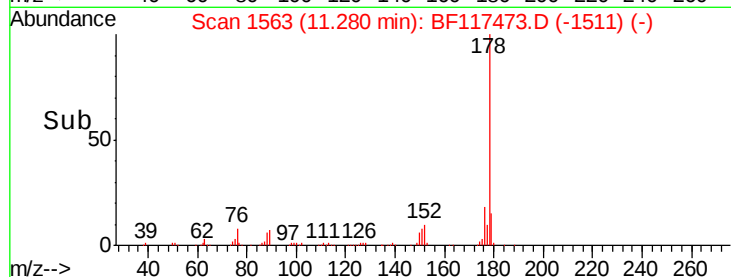
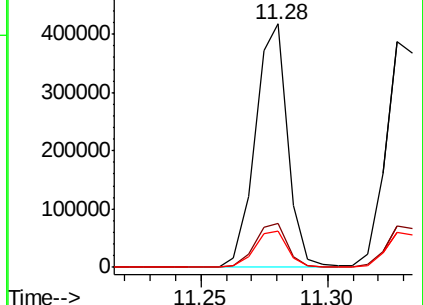
179 15.0 12.6 19.0



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: 41.174 ng

RT: 11.33 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

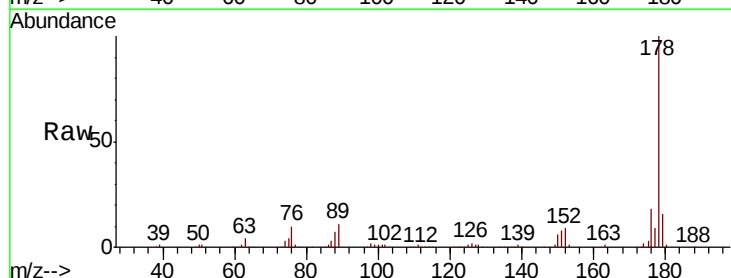
Tgt Ion:178 Resp: 380183

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

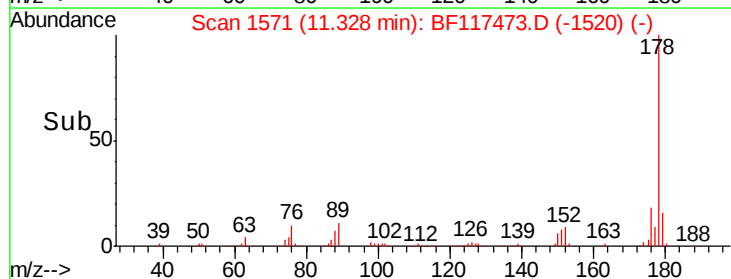
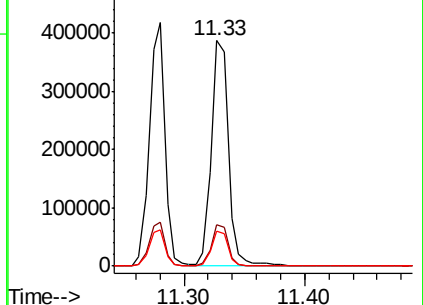
179 15.7 12.2 18.2

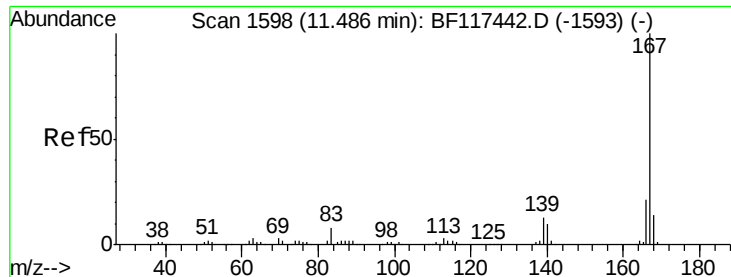


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

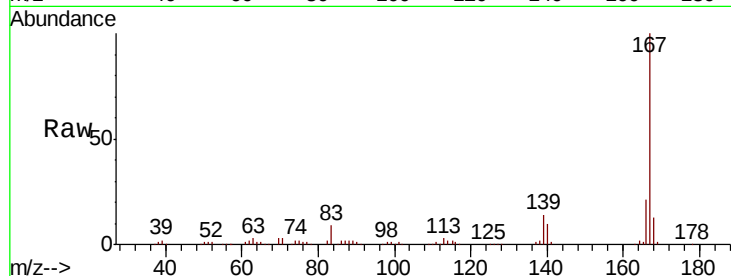




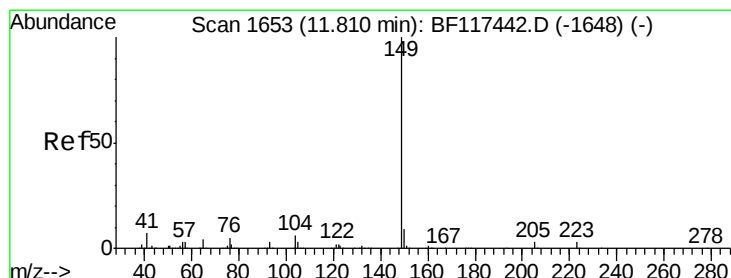
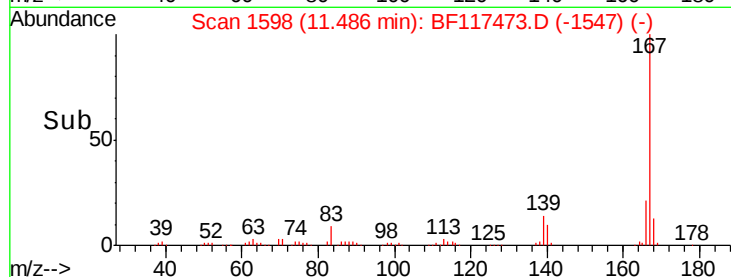
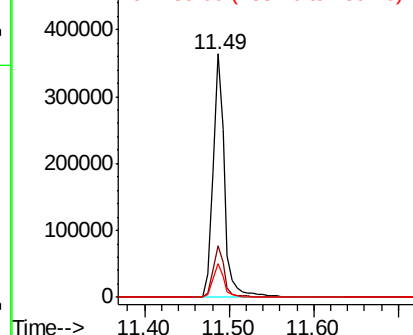
#73
 Carbazole
 Concen: 41.357 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 348978
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.8 10.6 16.0

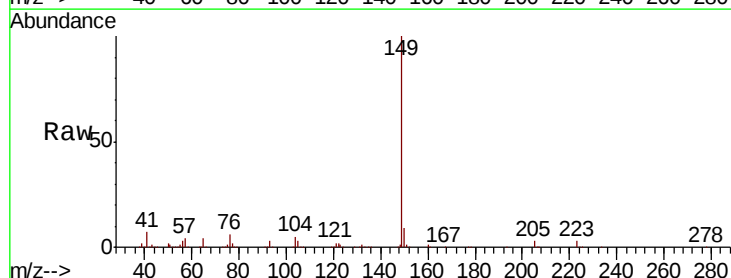


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

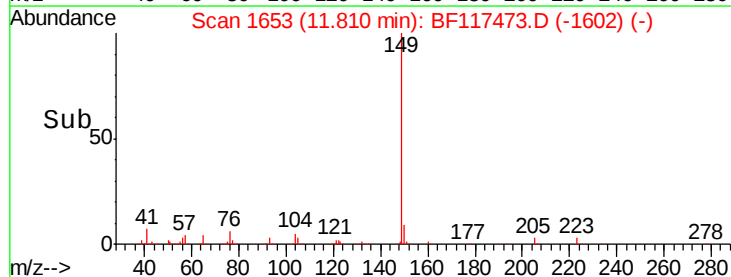
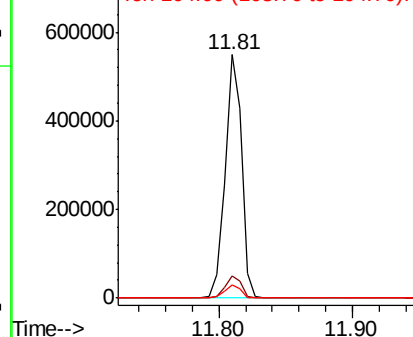


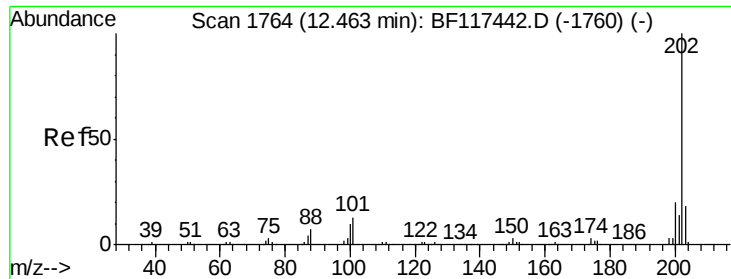
#74
 Di-n-butylphthalate
 Concen: 42.460 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BF117473.D
 Acq: 22 Oct 2019 12:43

Tgt Ion:149 Resp: 478733
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.3 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: 40.563 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

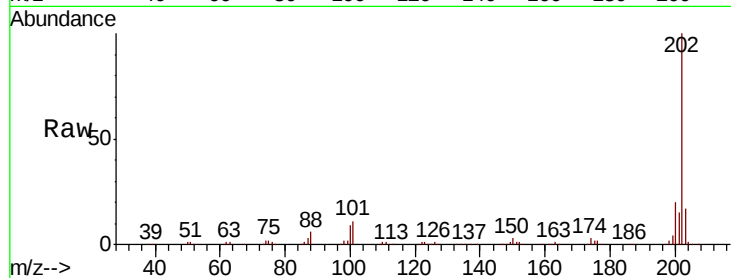
Tot Ion:202 Resp: 365416

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.7

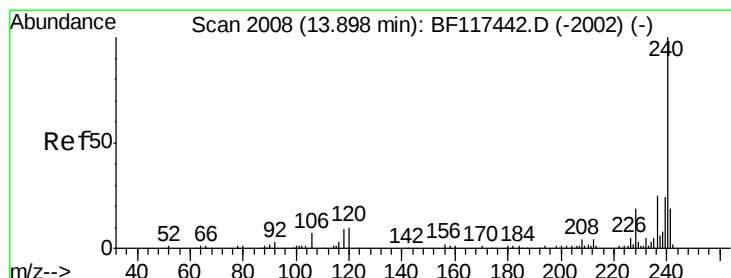
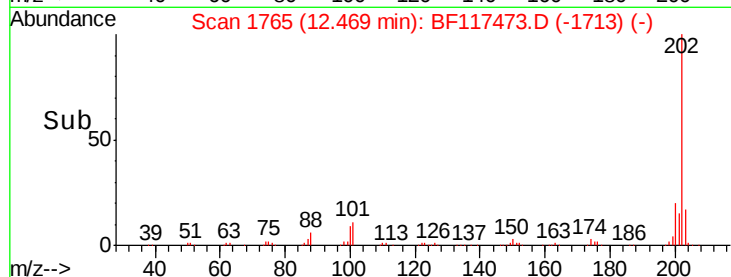
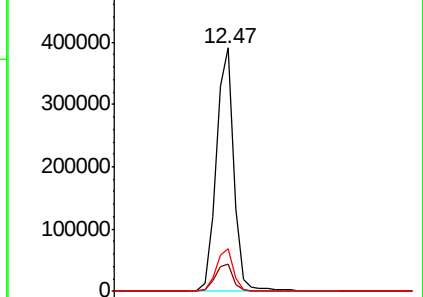
203 17.3 0.0 37.6



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: BF117473.D

Acq: 22 Oct 2019 12:43

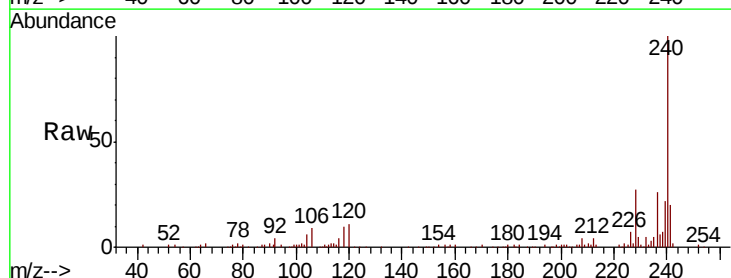
Tgt Ion:240 Resp: 104779

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

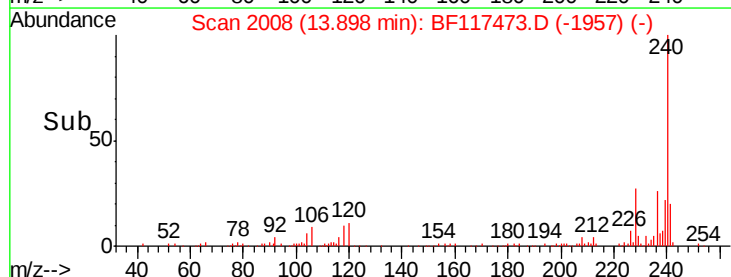
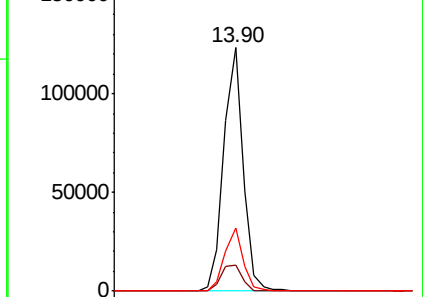
236 25.8 20.0 30.0

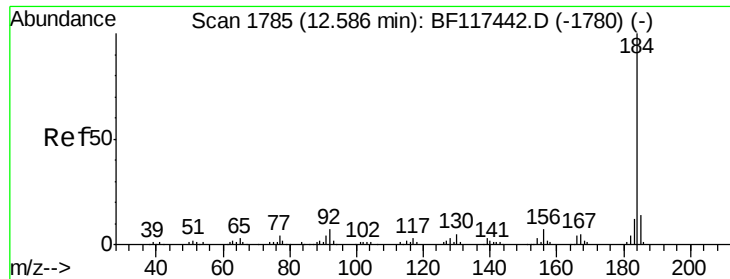


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

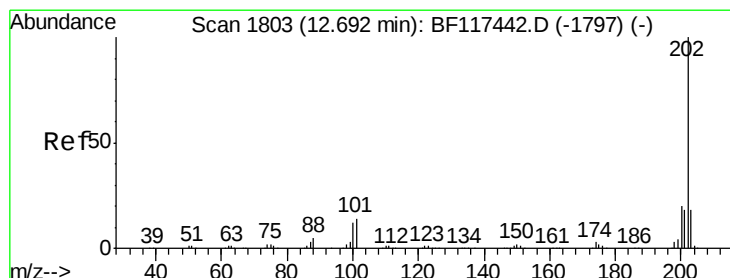
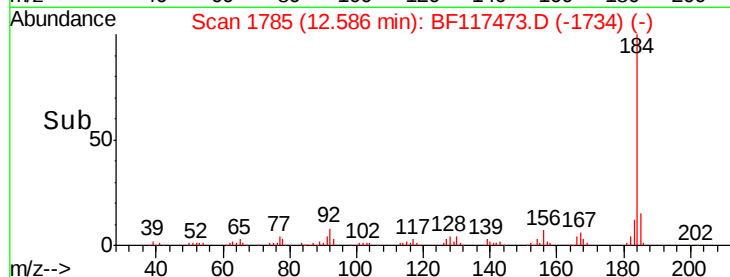
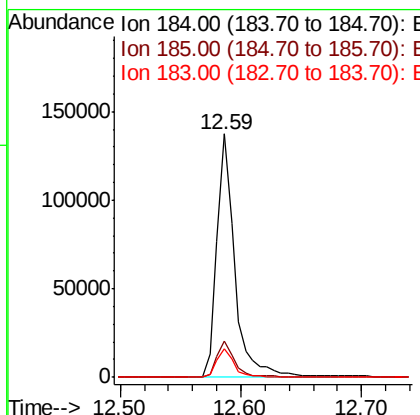
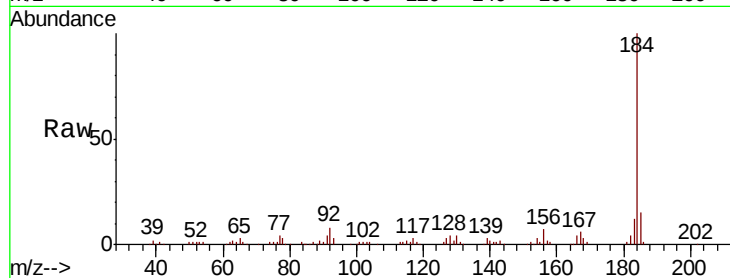




#77
Benzidine
Concen: 51.498 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

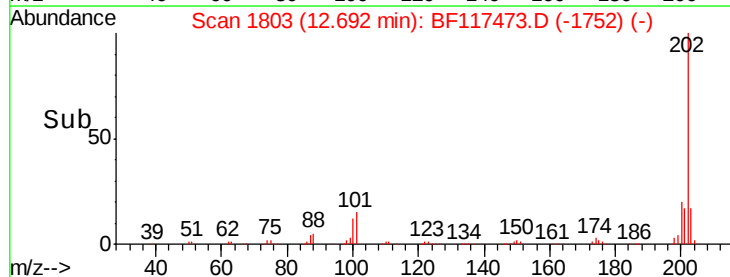
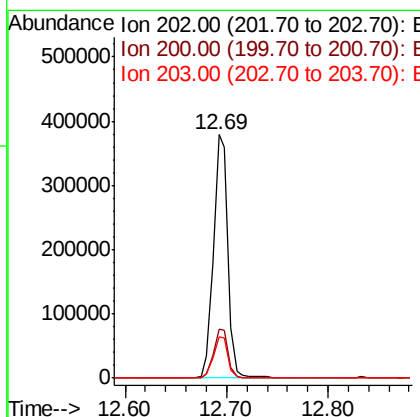
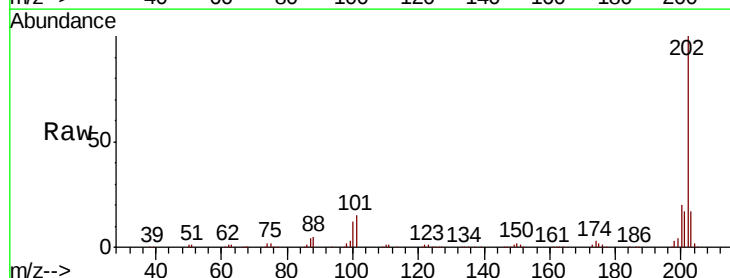
Instrument :
BNA_F
ClientSampleId :

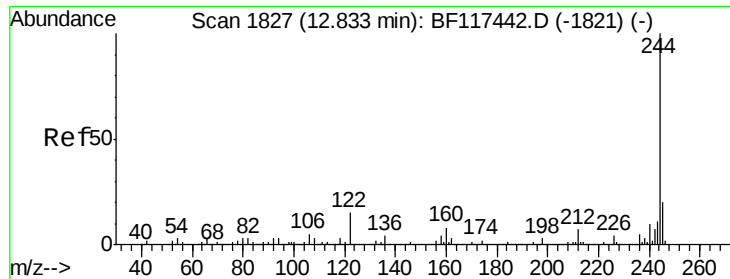
Tot Ion:184 Resp: 140943
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.0
183 11.9 9.6 14.4



#78
Pyrene
Concen: 41.761 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:202 Resp: 375851
Ion Ratio Lower Upper
202 100
200 20.2 16.2 24.2
203 17.0 14.0 21.0





#79

Terphenyl-d14

Concen: 83.655 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

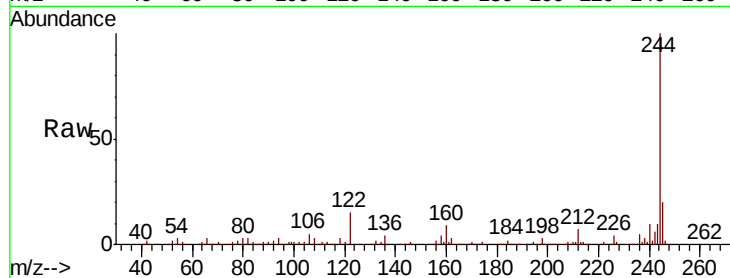
Tot Ion:244 Resp: 537381

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

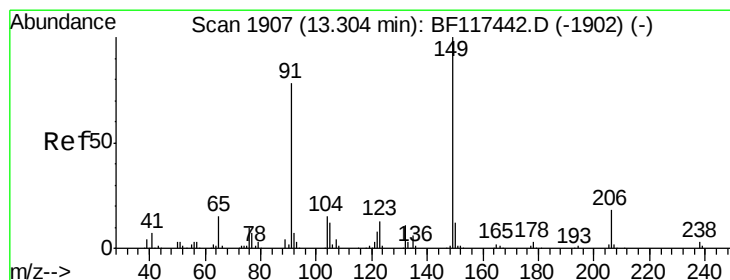
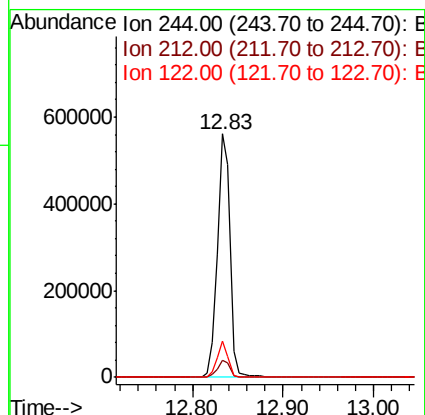
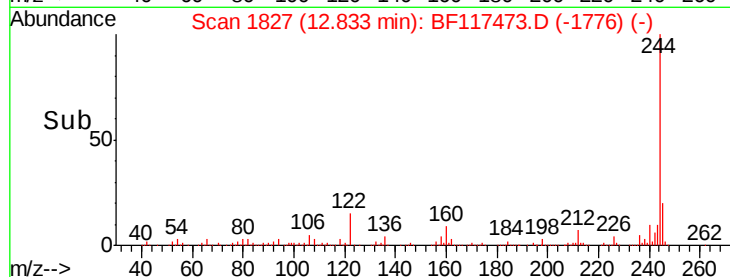
122 14.9 11.8 17.8



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: 42.291 ng

RT: 13.30 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

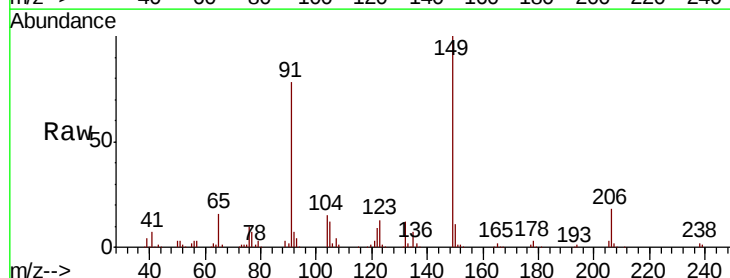
Tgt Ion:149 Resp: 189402

Ion Ratio Lower Upper

149 100

91 78.0 62.1 93.1

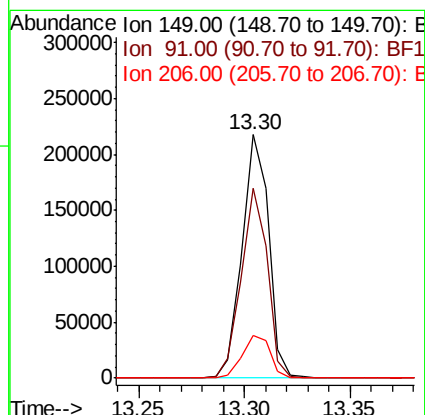
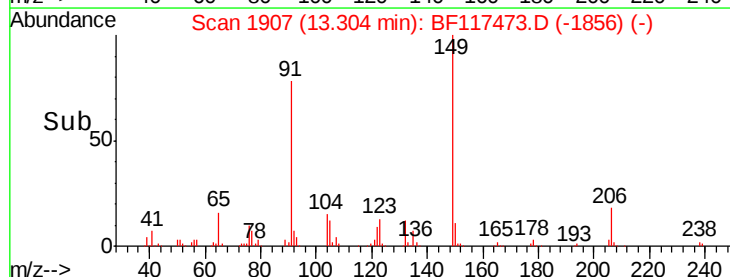
206 17.6 14.3 21.5

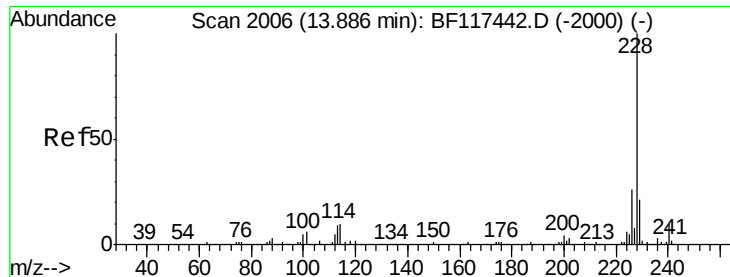


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.361 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

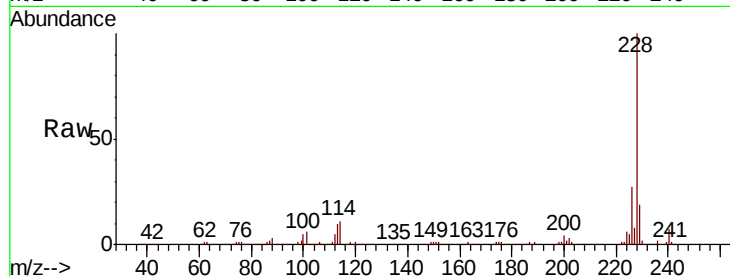
Tot Ion:228 Resp: 292327

Ion Ratio Lower Upper

228 100

226 27.5 21.0 31.4

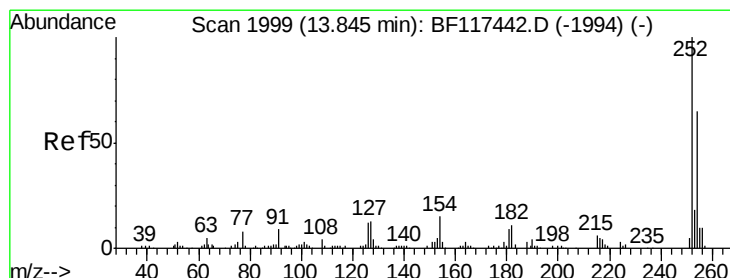
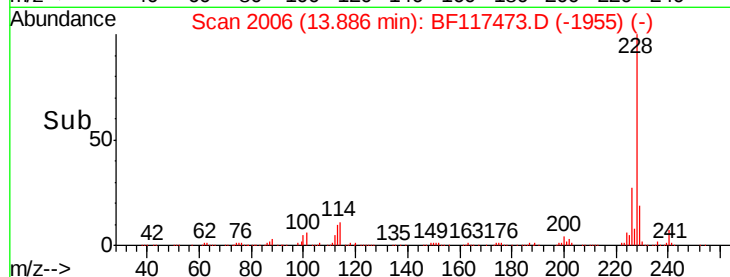
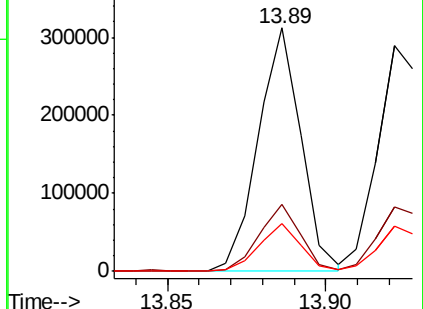
229 19.4 16.4 24.6



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: 43.786 ng

RT: 13.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

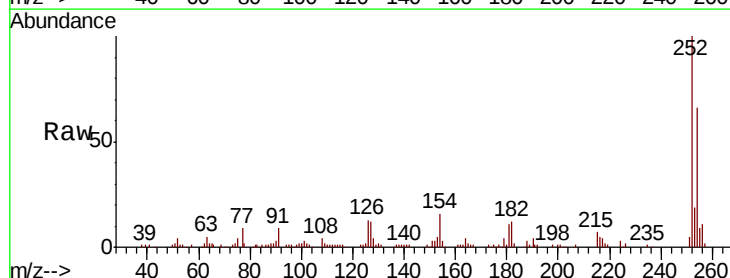
Tgt Ion:252 Resp: 97110

Ion Ratio Lower Upper

252 100

254 65.9 52.2 78.4

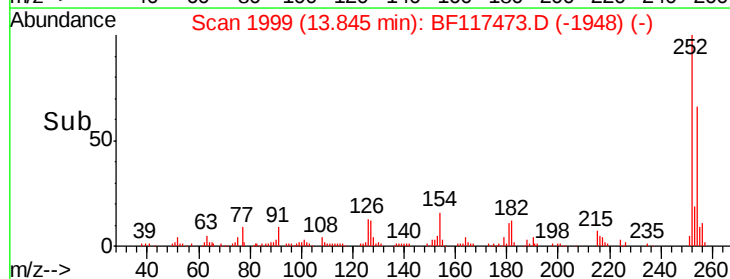
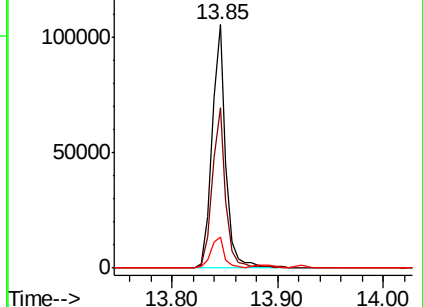
126 12.8 9.2 13.8

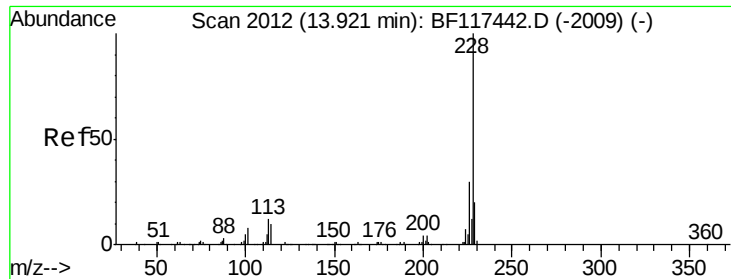


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

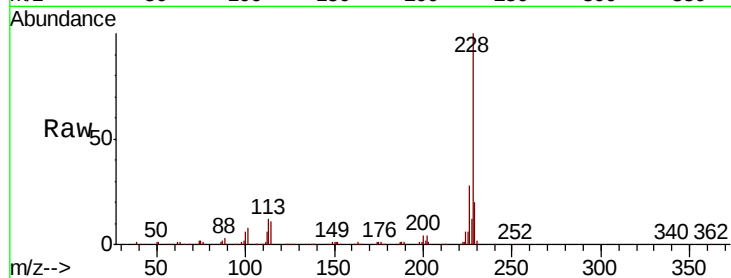




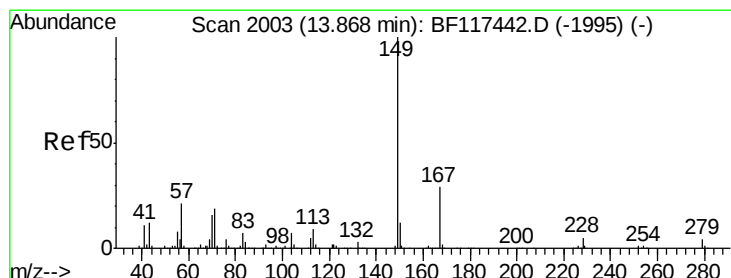
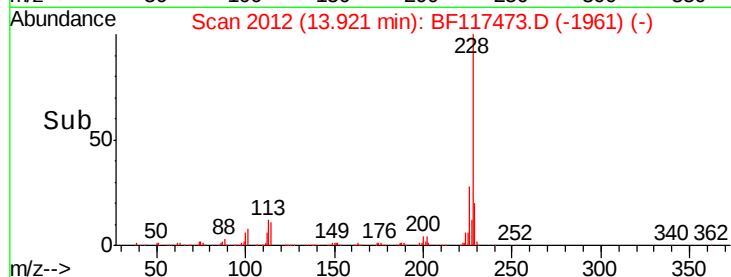
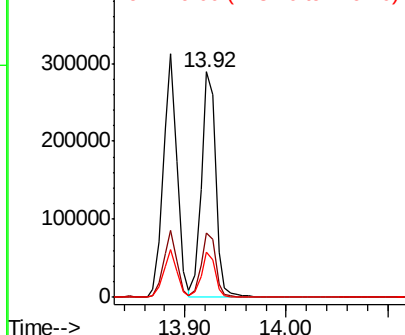
#83
Chrysene
Concen: 41.291 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 286013
Ion Ratio Lower Upper
228 100
226 28.4 23.9 35.9
229 20.0 15.8 23.6

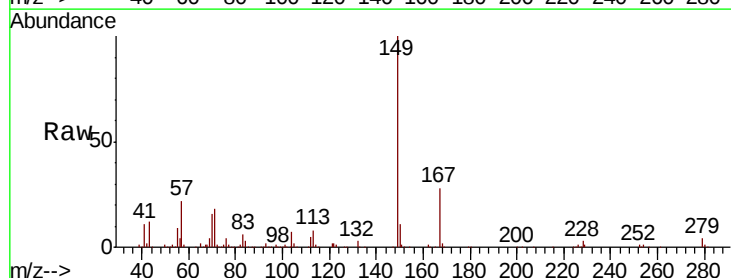


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

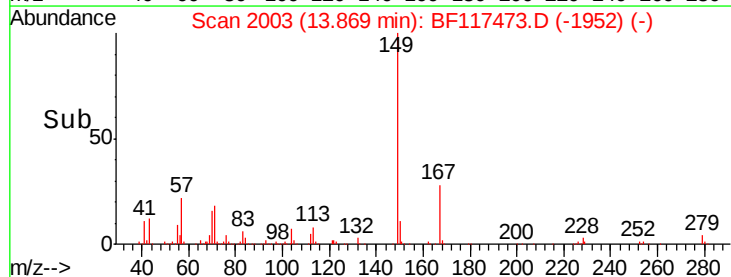
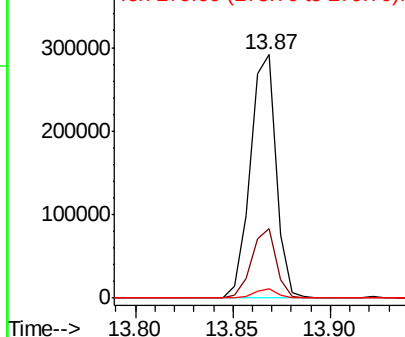


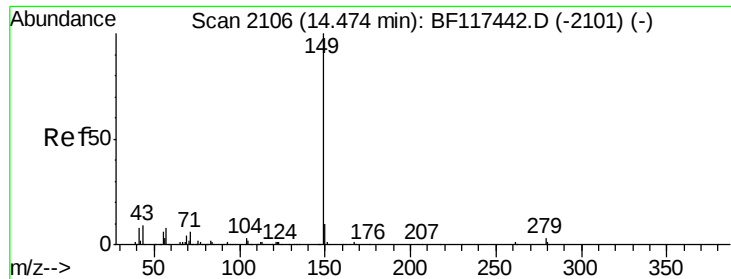
#84
Bis(2-ethylhexyl)phthalate
Concen: 42.753 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:149 Resp: 268217
Ion Ratio Lower Upper
149 100
167 28.4 23.3 34.9
279 3.9 3.2 4.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

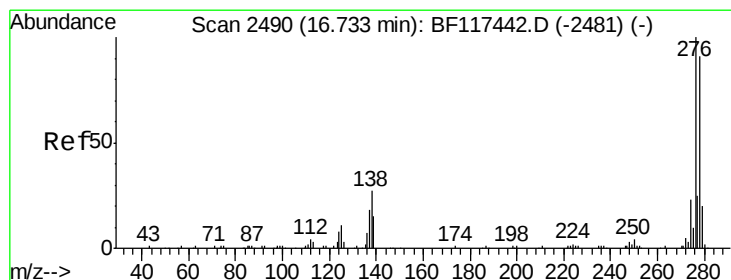
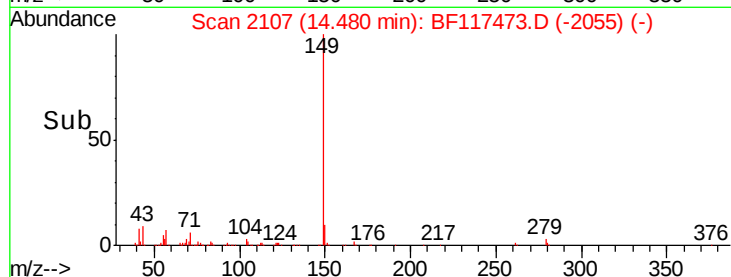
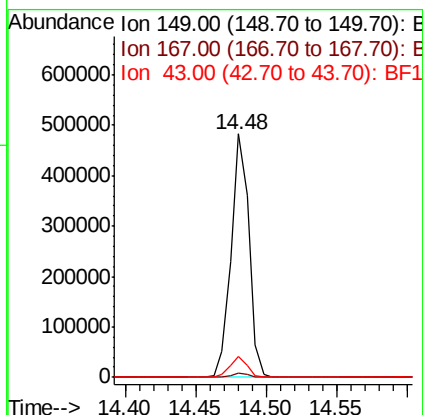
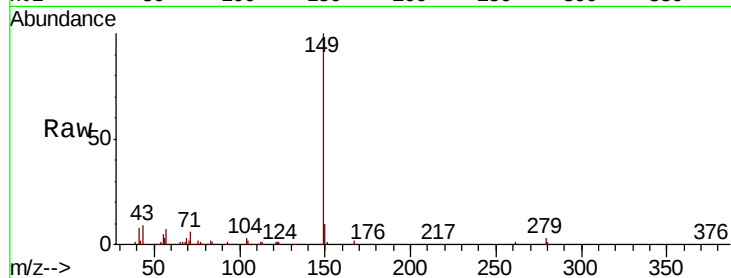




#85
Di-n-octyl phthalate
Concen: 44.066 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

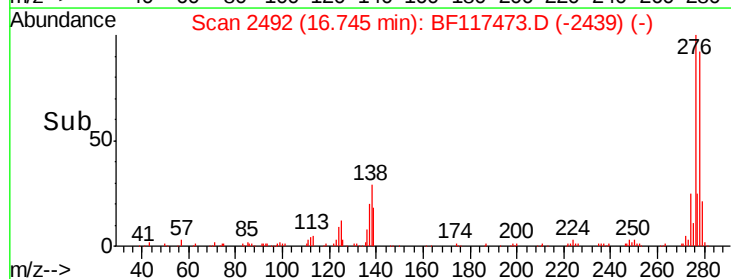
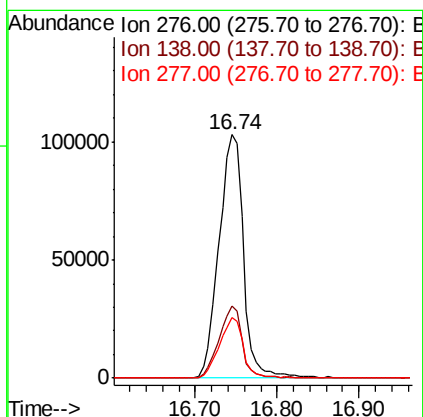
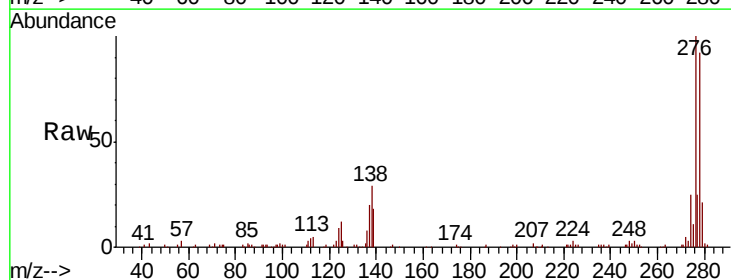
Instrument :
BNA_F
ClientSampleId :

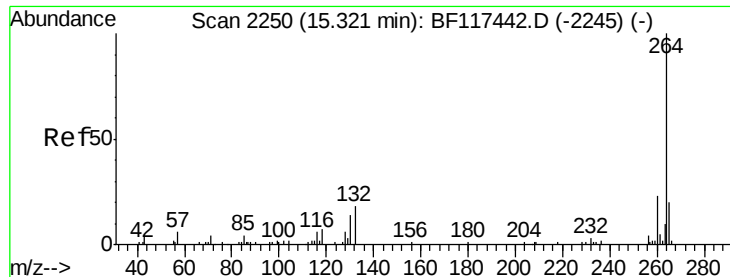
Tot Ion:149 Resp: 425048
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.4 6.8 10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.529 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:276 Resp: 214775
Ion Ratio Lower Upper
276 100
138 27.9 21.8 32.8
277 24.1 20.0 30.0

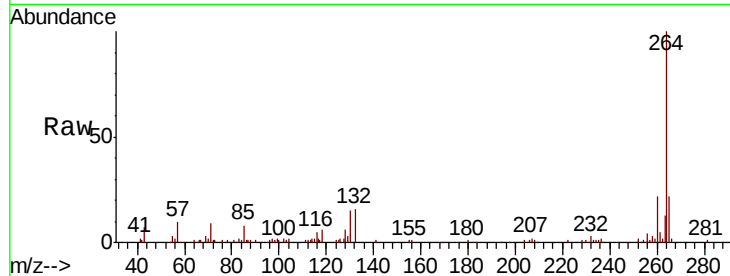




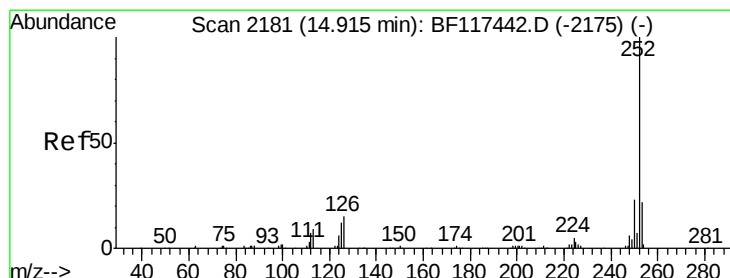
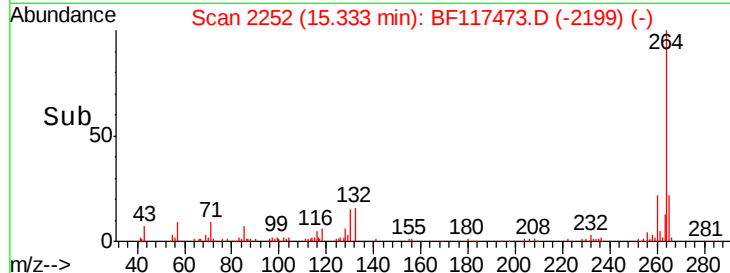
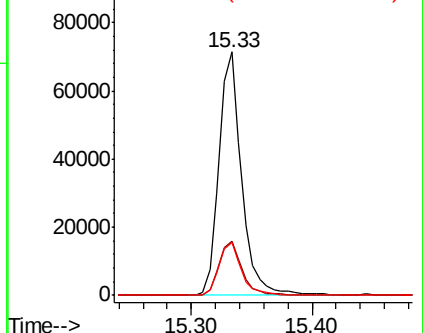
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 92124
Ion Ratio Lower Upper
264 100
260 22.4 18.4 27.6
265 21.5 16.1 24.1

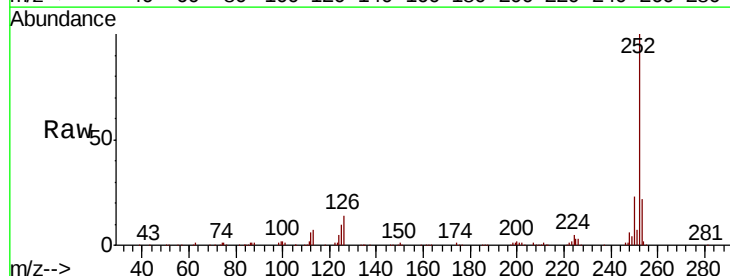


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

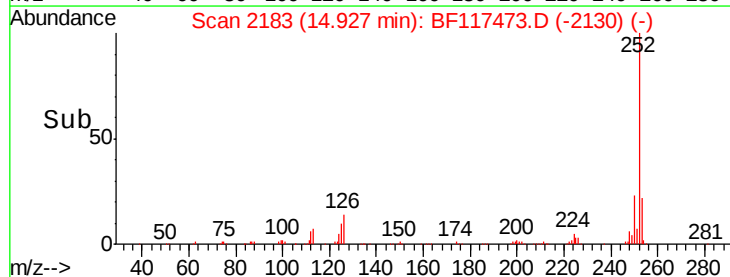
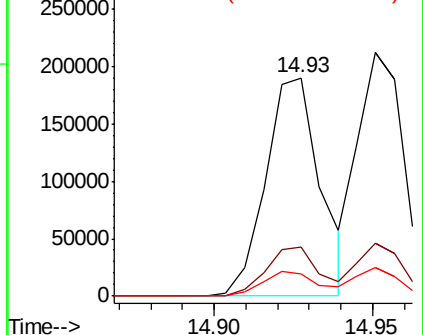


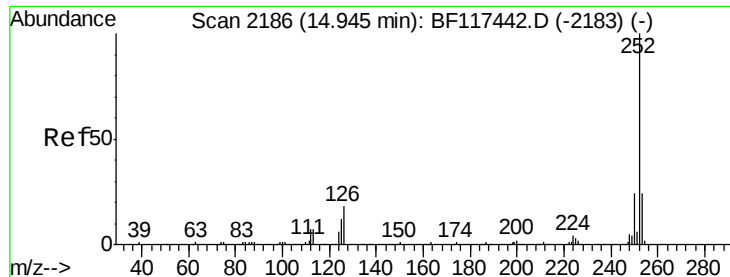
#88
Benzo(b)fluoranthene
Concen: 42.078 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:252 Resp: 228907
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.1 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

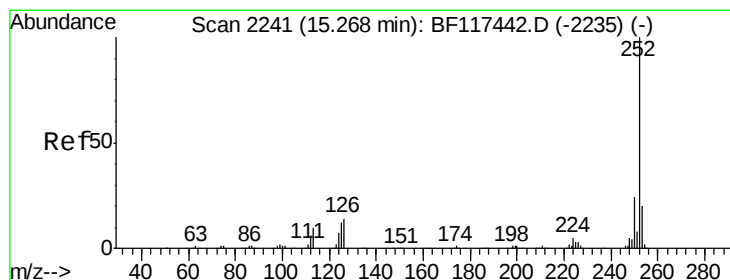
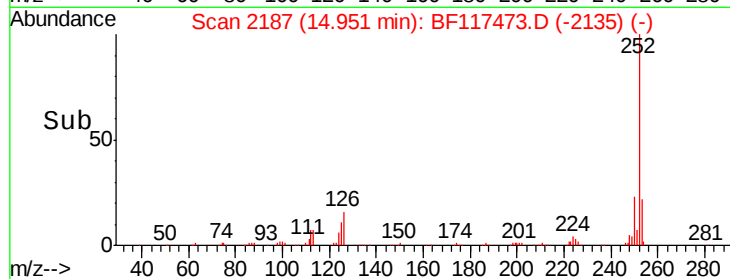
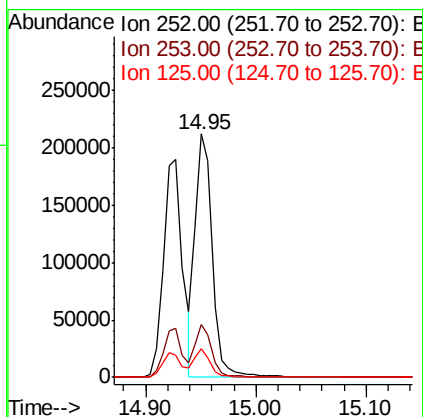
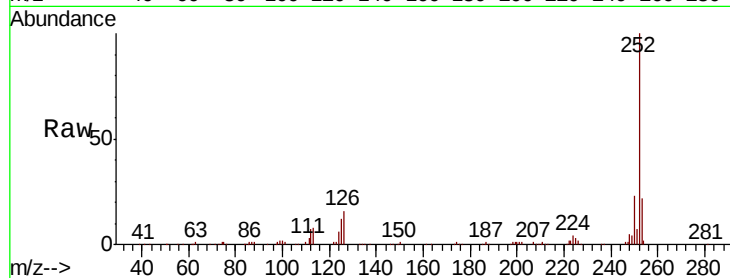




#89
Benzo(k)fluoranthene
Concen: 40.337 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

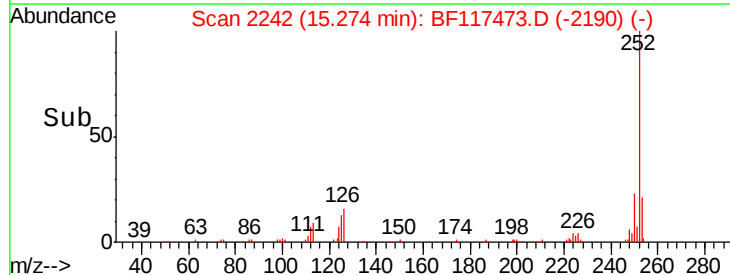
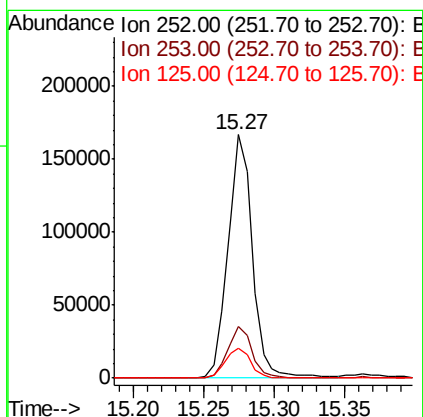
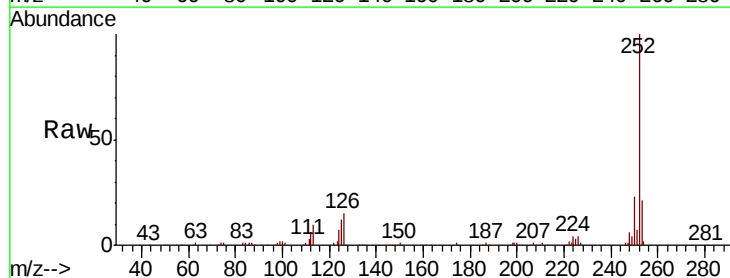
Instrument :
BNA_F
ClientSampled :

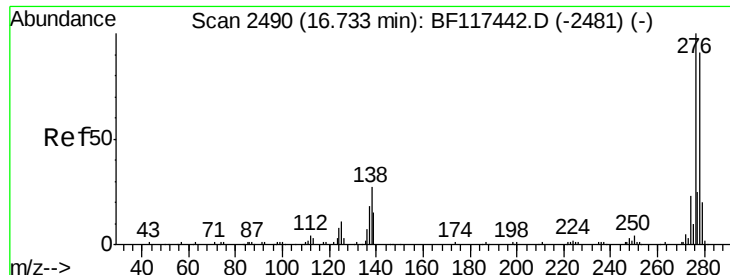
Tot Ion:252 Resp: 224905
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 11.5 8.9 13.3



#90
Benzo(a)pyrene
Concen: 40.766 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117473.D
Acq: 22 Oct 2019 12:43

Tgt Ion:252 Resp: 201633
Ion Ratio Lower Upper
252 100
253 21.4 16.3 24.5
125 12.2 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 42.207 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

Instrument :

BNA_F

ClientSampleId :

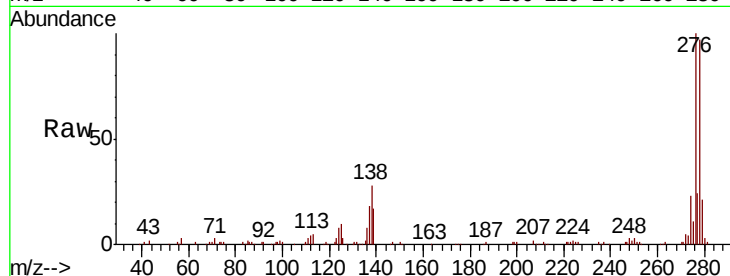
Tot Ion:278 Resp: 180511

Ion Ratio Lower Upper

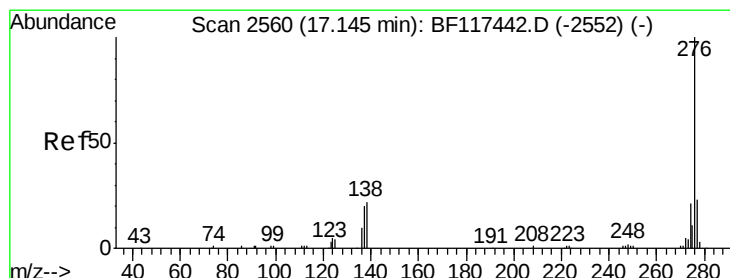
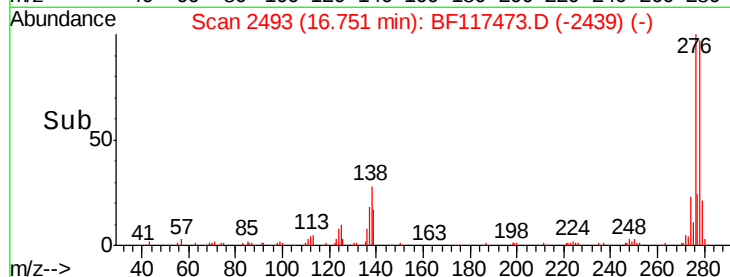
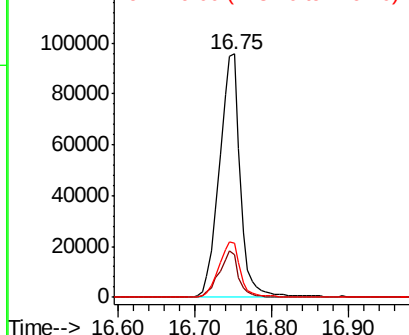
278 100

139 17.7 13.4 20.0

279 22.2 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: 42.123 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF117473.D

Acq: 22 Oct 2019 12:43

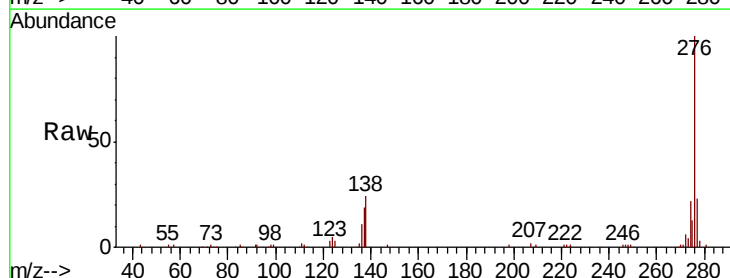
Tgt Ion:276 Resp: 170453

Ion Ratio Lower Upper

276 100

277 23.0 18.4 27.6

138 24.0 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

