

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
 Data File : BF117474.D
 Acq On : 22 Oct 2019 13:19
 Operator : JU
 Sample : PB124054BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 14:49:17 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	45816	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	201229	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	106709	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	176057	20.00	ng	0.00
76) Chrysene-d12	13.90	240	120344	20.00	ng	0.00
87) Perylene-d12	15.33	264	97940	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	370760	120.39	ng	0.02
7) Phenol-d6	6.39	99	488926	118.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	258582	63.44	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	109533	118.63	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	480166	63.40	ng	0.00
79) Terphenyl-d14	12.83	244	469512	63.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	51944	40.118	ng	# 96
3) Pyridine	3.26	79	120607	38.050	ng	99
4) n-Nitrosodimethylamine	3.20	42	52737	45.862	ng	94
6) Aniline	6.40	93	169632	34.932	ng	# 21
8) 2-Chlorophenol	6.53	128	150854	46.421	ng	96
9) Benzaldehyde	6.29	77	95432	50.675	ng	93
10) Phenol	6.40	94	188852	44.734	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	139166	44.567	ng	99
12) 1,3-Dichlorobenzene	6.67	146	150255	41.433	ng	98
13) 1,4-Dichlorobenzene	6.75	146	157157	42.719	ng	96
14) 1,2-Dichlorobenzene	6.90	146	149081	42.991	ng	97
15) Benzyl Alcohol	6.89	79	136639	46.237	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	142635	42.343	ng	70
17) 2-Methylphenol	7.00	107	121042	45.278	ng	93
18) Hexachloroethane	7.24	117	60645	42.234	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	116249	46.019	ng	97
20) 3+4-Methylphenols	7.16	107	166512	47.507	ng	# 78
22) Acetophenone	7.15	105	223686	41.862	ng	# 95
24) Nitrobenzene	7.32	77	172731	44.244	ng	97
25) Isophorone	7.56	82	318324	45.144	ng	99
26) 2-Nitrophenol	7.64	139	81246	46.660	ng	96
27) 2,4-Dimethylphenol	7.68	122	135424	52.042	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	191332	43.974	ng	99
29) 2,4-Dichlorophenol	7.89	162	125179	45.863	ng	100
30) 1,2,4-Trichlorobenzene	7.96	180	122777	41.917	ng	97
31) Naphthalene	8.04	128	435153	43.628	ng	99
32) Benzoic acid	7.84	122	77413	43.433	ng	97
33) 4-Chloroaniline	8.09	127	112845	26.807	ng	98
34) Hexachlorobutadiene	8.16	225	68228	40.245	ng	99
35) Caprolactam	8.47	113	22863	26.075	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	147510	47.388	ng	98
37) 2-Methylnaphthalene	8.73	142	301636	44.880	ng	99
38) 1-Methylnaphthalene	8.83	142	285278	45.171	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	117187	40.774	ng	99

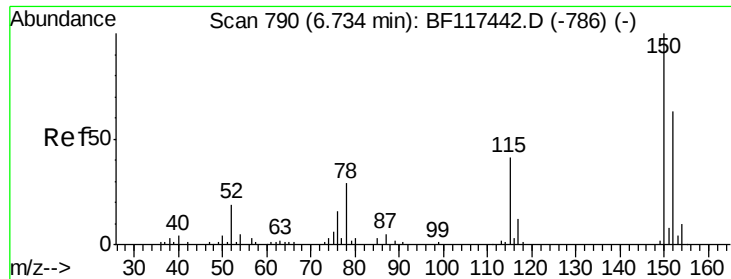
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102219\
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 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	67376	84.115	ng	97
43) 2,4,6-Trichlorophenol	9.02	196	77490	43.054	ng	99
44) 2,4,5-Trichlorophenol	9.06	196	85016	46.614	ng	97
46) 1,1'-Biphenyl	9.19	154	360958	40.860	ng	99
47) 2-Chloronaphthalene	9.22	162	276116	41.454	ng	100
48) 2-Nitroaniline	9.32	65	89756	41.049	ng	96
49) Acenaphthylene	9.63	152	436403	44.606	ng	99
50) Dimethylphthalate	9.49	163	332285	43.680	ng	99
51) 2,6-Dinitrotoluene	9.56	165	70358	44.322	ng	89
52) Acenaphthene	9.80	154	257385	42.880	ng	99
53) 3-Nitroaniline	9.73	138	53848	27.957	ng	98
54) 2,4-Dinitrophenol	9.86	184	50523	77.105	ng	97
55) Dibenzofuran	9.97	168	384234	44.183	ng	98
56) 4-Nitrophenol	9.92	139	75449	84.836	ng	98
57) 2,4-Dinitrotoluene	9.97	165	95959	45.467	ng	94
58) Fluorene	10.32	166	311562	43.323	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	64080	44.704	ng	98
60) Diethylphthalate	10.19	149	338264	43.962	ng	98
61) 4-Chlorophenyl-phenylether	10.30	204	140948	43.684	ng	99
62) 4-Nitroaniline	10.36	138	72409	39.885	ng	98
63) Azobenzene	10.47	77	359397	45.628	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	38246	42.727	ng	96
66) n-Nitrosodiphenylamine	10.43	169	278571	43.281	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	79443	41.893	ng	96
68) Hexachlorobenzene	10.87	284	83023	40.880	ng	# 87
69) Atrazine	10.96	200	86889	53.060	ng	96
70) Pentachlorophenol	11.07	266	65833	108.132	ng	97
71) Phenanthrene	11.28	178	438270	42.871	ng	98
72) Anthracene	11.33	178	454131	43.294	ng	99
73) Carbazole	11.49	167	406648	42.421	ng	100
74) Di-n-butylphthalate	11.81	149	559747	43.701	ng	99
75) Fluoranthene	12.47	202	437100	42.711	ng	98
77) Benzidine	12.59	184	189488	70.498	ng	100
78) Pyrene	12.70	202	439904	42.557	ng	99
80) Butylbenzylphthalate	13.30	149	220543	42.875	ng	98
81) Benzo(a)anthracene	13.89	228	339916	41.874	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	88694	34.819	ng	97
83) Chrysene	13.93	228	334624	42.060	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	324340	45.012	ng	97
85) Di-n-octyl phthalate	14.48	149	525964	47.476	ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	229629	38.659	ng	99
88) Benzo(b)fluoranthene	14.92	252	257804	44.576	ng	98
89) Benzo(k)fluoranthene	14.95	252	277887	46.879	ng	98
90) Benzo(a)pyrene	15.27	252	228426	43.441	ng	99
91) Dibenzo(a,h)anthracene	16.74	278	198689	43.699	ng	98
92) Benzo(g,h,i)perylene	17.16	276	186989	43.465	ng	99

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

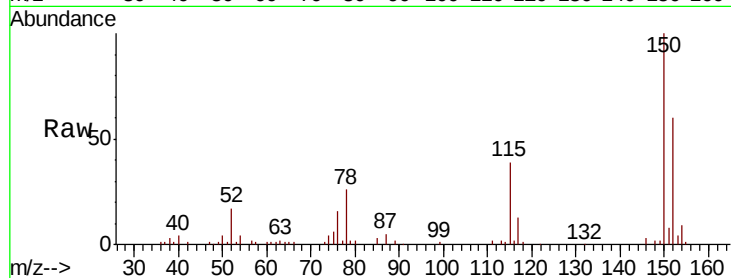


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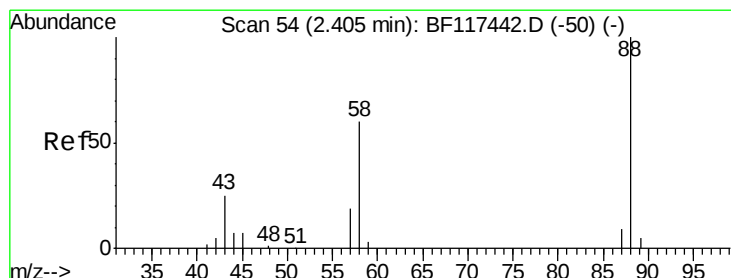
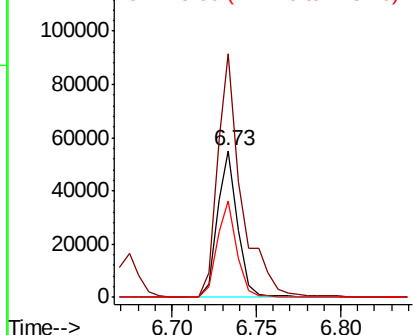
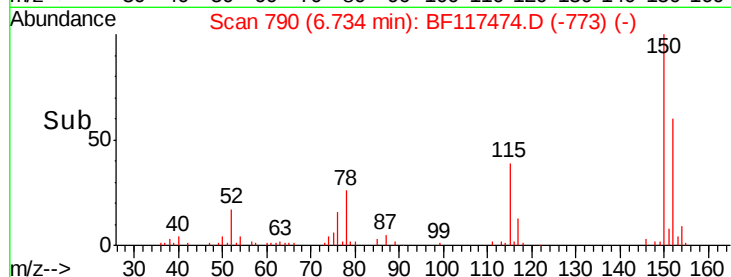
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45816
Ion Ratio Lower Upper
152 100
150 166.3 126.8 190.2
115 65.7 51.6 77.4



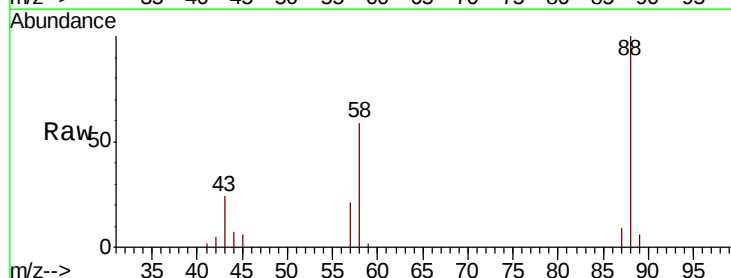
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



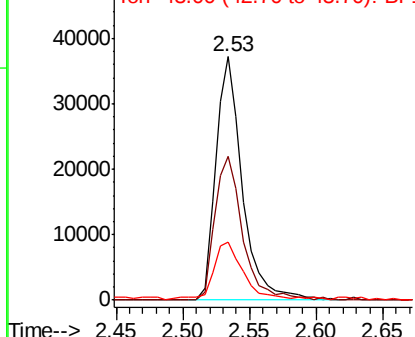
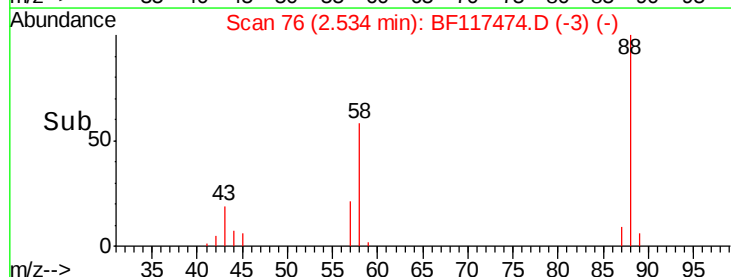
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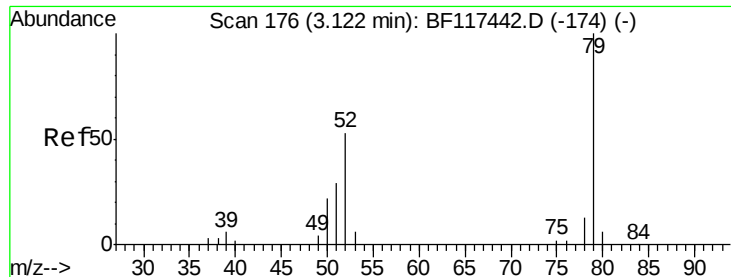
1,4-Dioxane
Concen: 40.118 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.13 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion: 88 Resp: 51944
Ion Ratio Lower Upper
88 100
58 62.1 48.8 73.2
43 28.0 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: 38.050 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.14 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

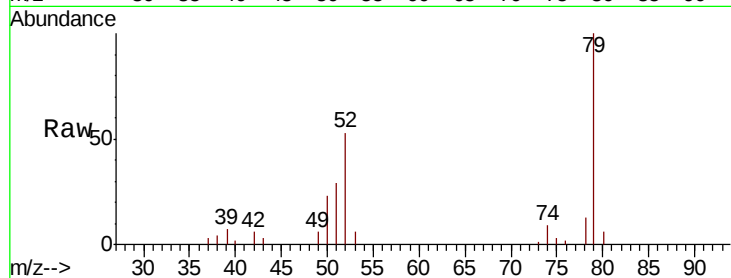
Tot Ion: 79 Resp: 120607

Ion Ratio Lower Upper

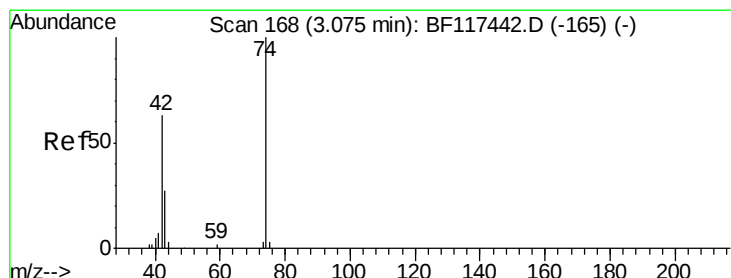
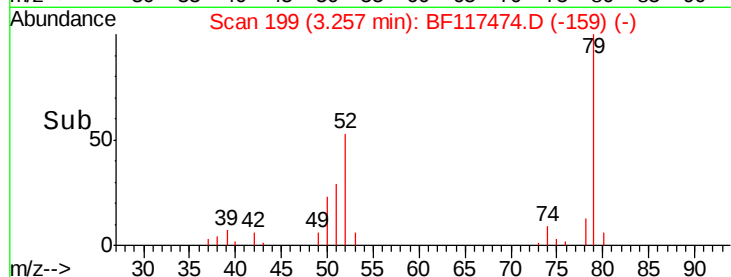
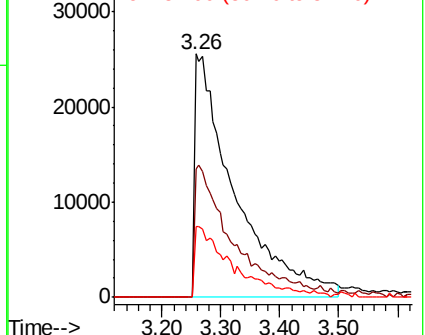
79 100

52 52.5 42.4 63.6

51 29.3 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: 45.862 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.12 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

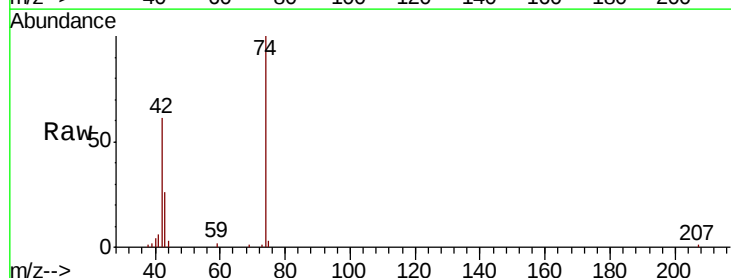
Tgt Ion: 42 Resp: 52737

Ion Ratio Lower Upper

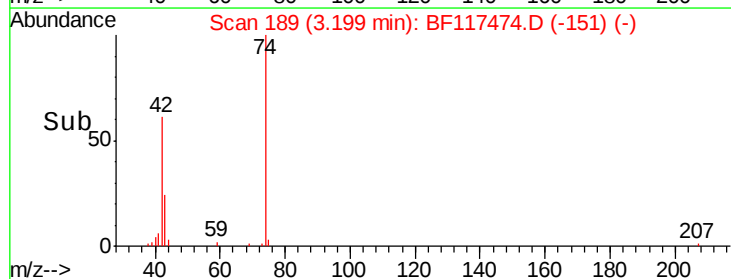
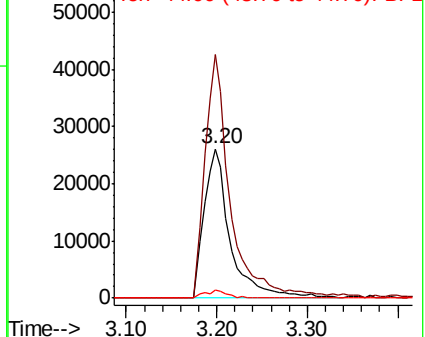
42 100

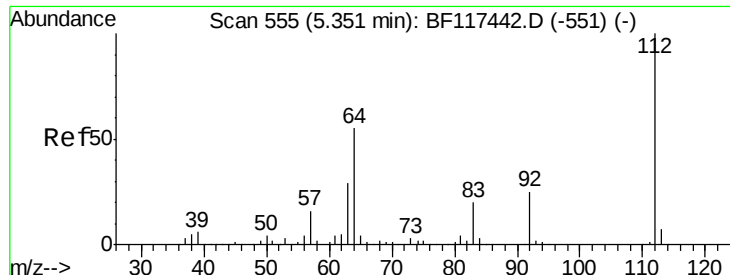
74 163.4 124.2 186.4

44 5.3 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: 120.391 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

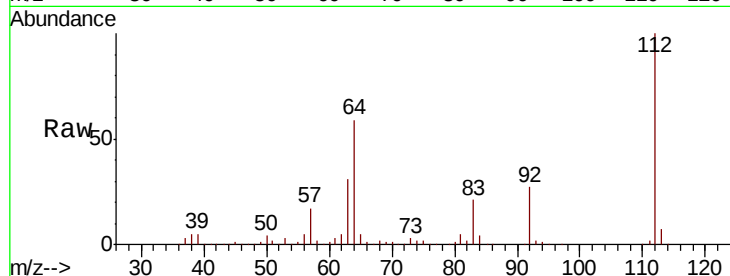
Tot Ion:112 Resp: 370760

Ion Ratio Lower Upper

112 100

64 58.8 44.1 66.1

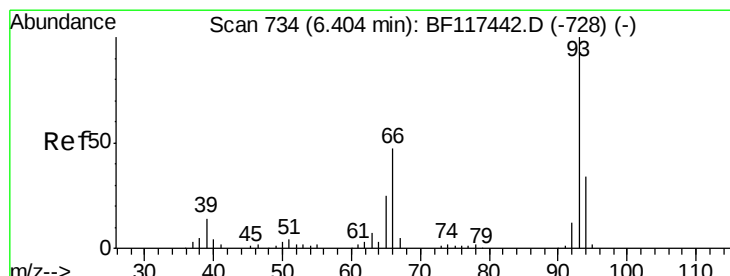
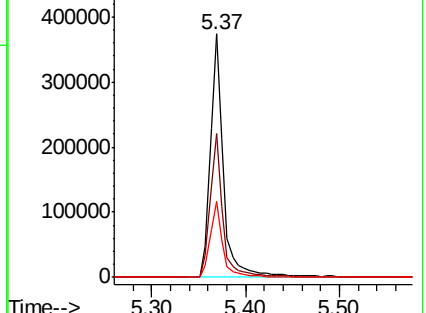
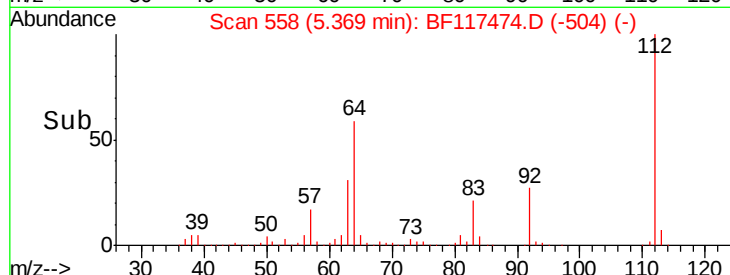
63 31.2 23.4 35.2



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: 34.932 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

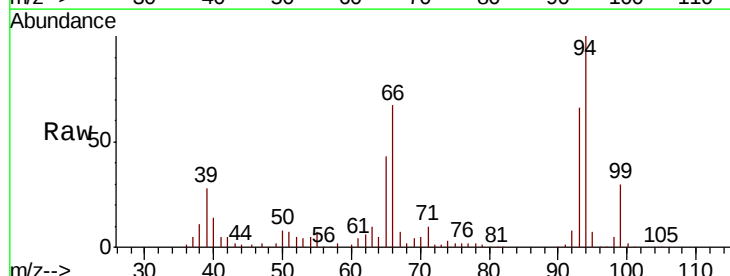
Tgt Ion: 93 Resp: 169632

Ion Ratio Lower Upper

93 100

66 101.1 38.7 58.1#

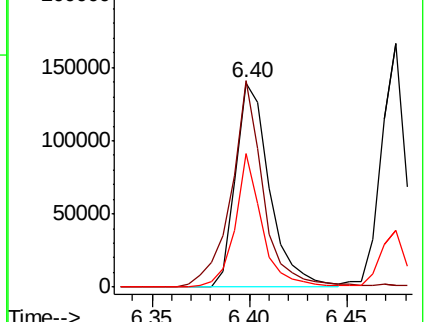
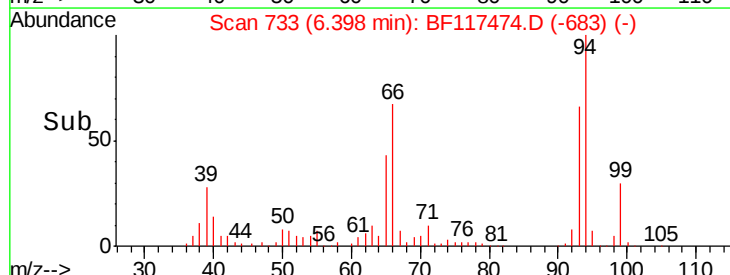
65 65.5 20.1 30.1#

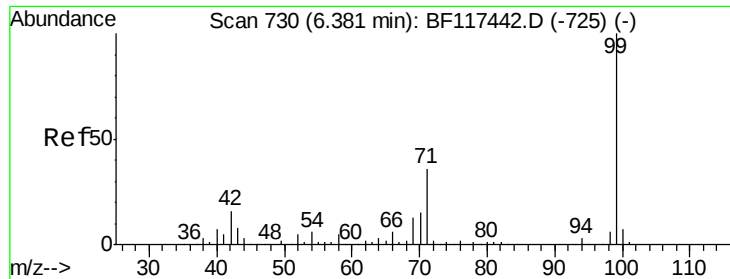


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.203 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampled :

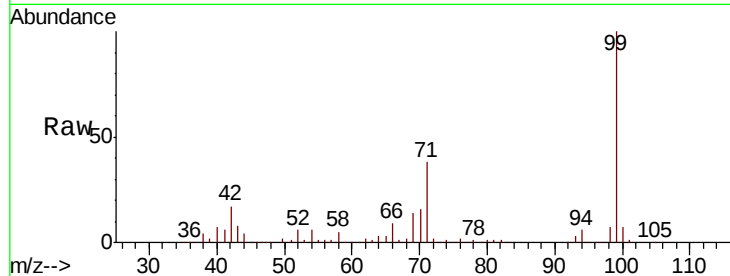
Tot Ion: 99 Resp: 488926

Ion Ratio Lower Upper

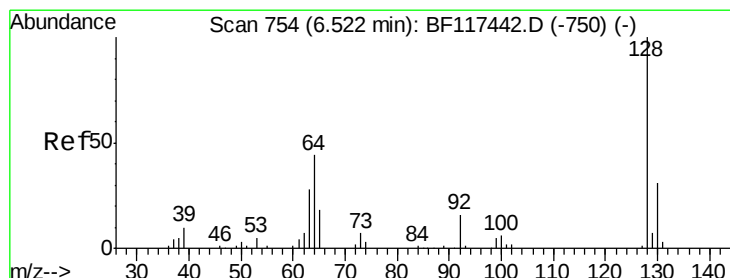
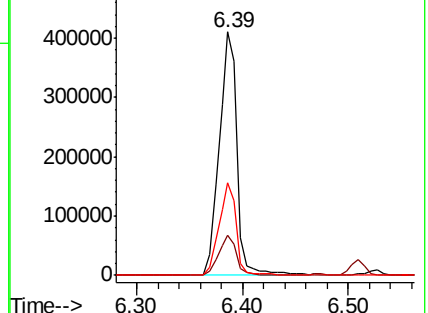
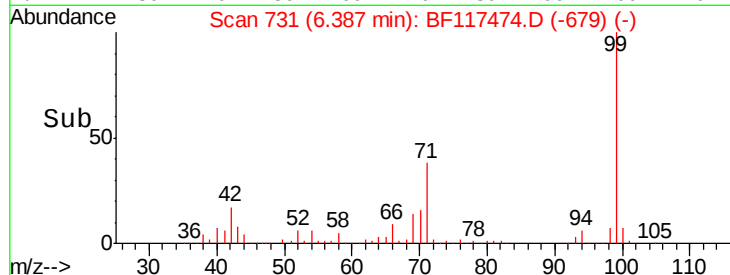
99 100

42 16.6 12.8 19.2

71 38.1 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: 46.421 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

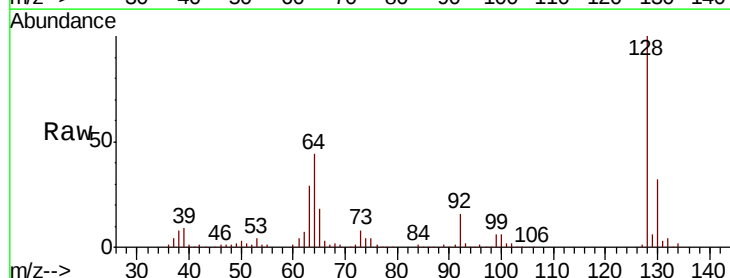
Tgt Ion:128 Resp: 150854

Ion Ratio Lower Upper

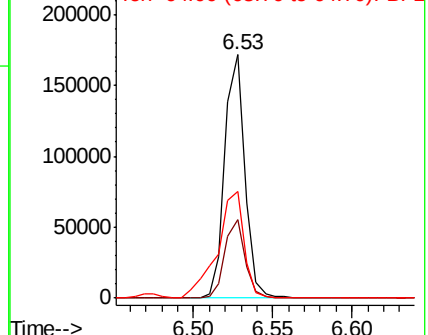
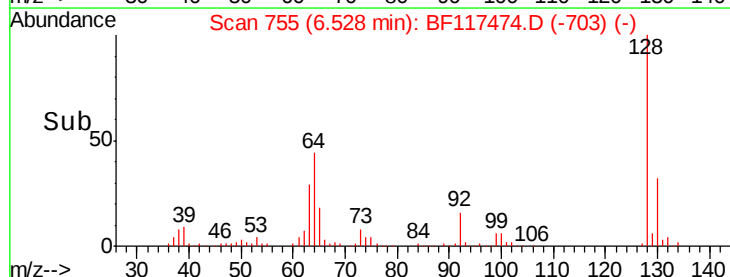
128 100

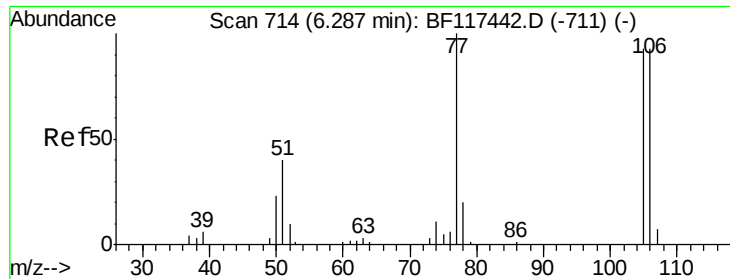
130 32.0 11.1 51.1

64 43.9 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: 50.675 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampled :

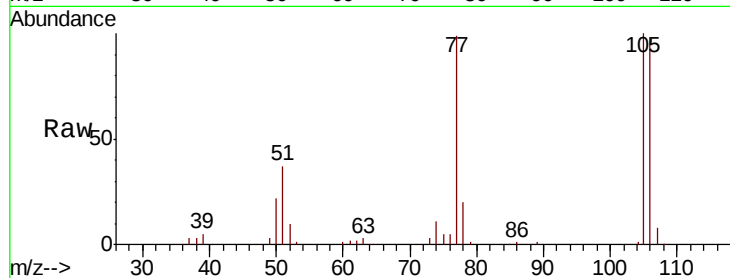
Tot Ion: 77 Resp: 95432

Ion Ratio Lower Upper

77 100

105 100.9 73.4 113.4

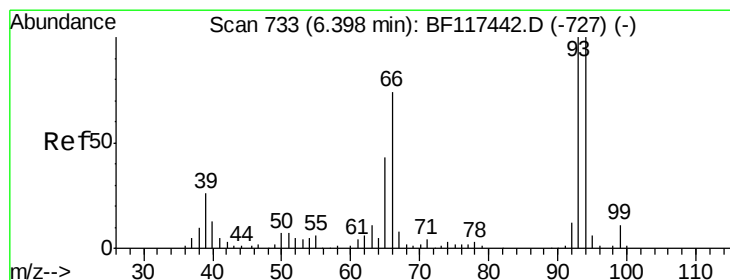
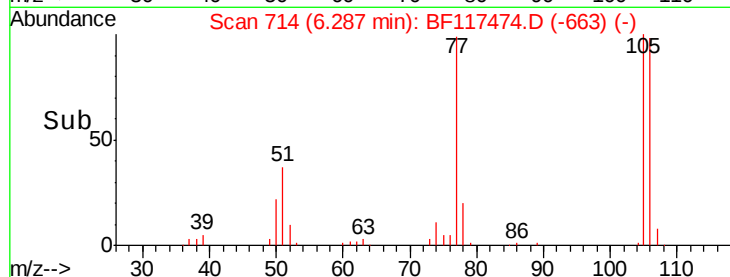
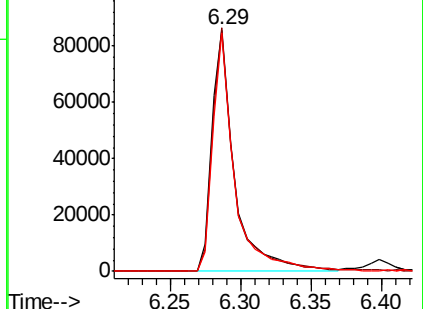
106 98.7 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.734 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

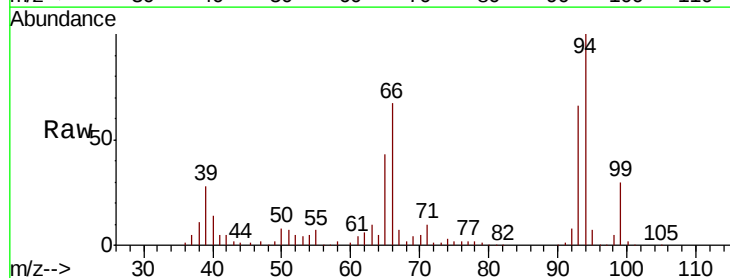
Tgt Ion: 94 Resp: 188852

Ion Ratio Lower Upper

94 100

65 43.1 23.4 63.4

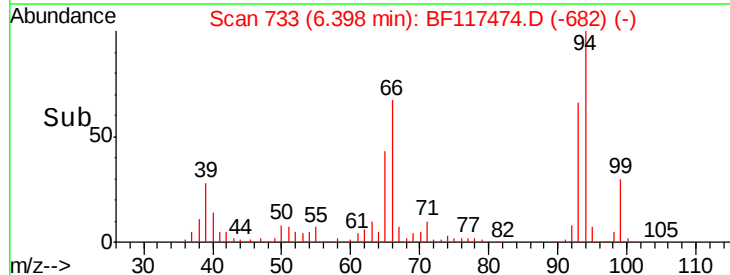
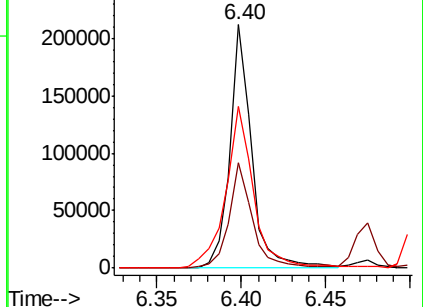
66 66.6 54.7 94.7

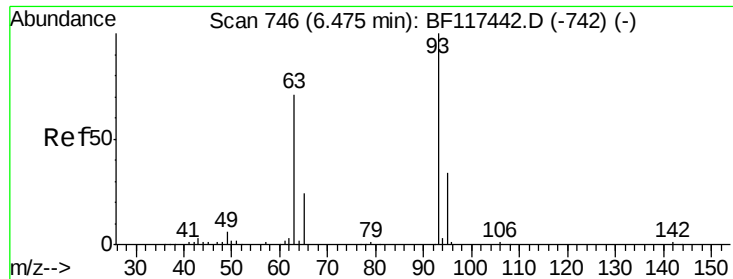


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

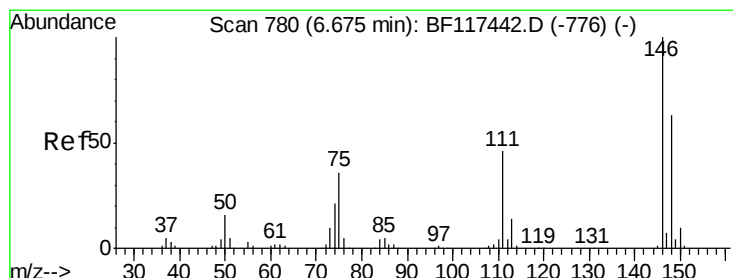
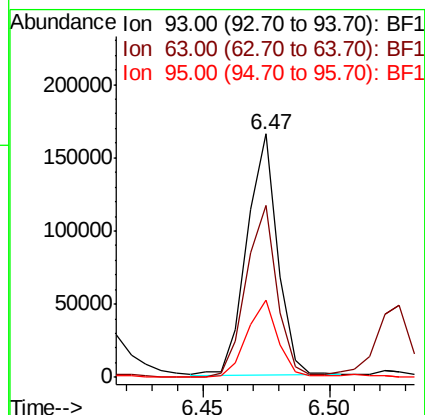
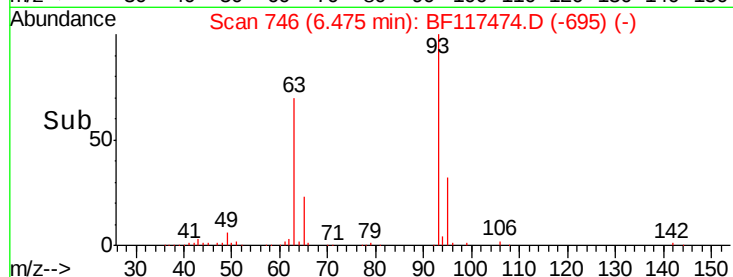
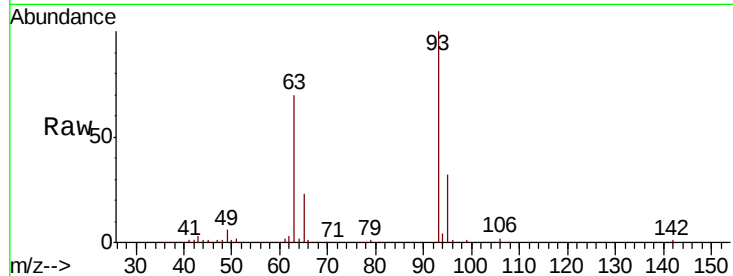




#11
bis(2-Chloroethyl)ether
Concen: 44.567 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

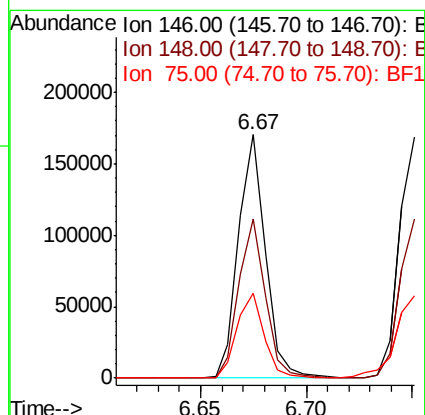
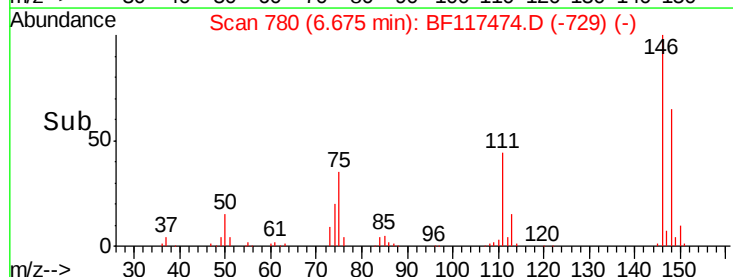
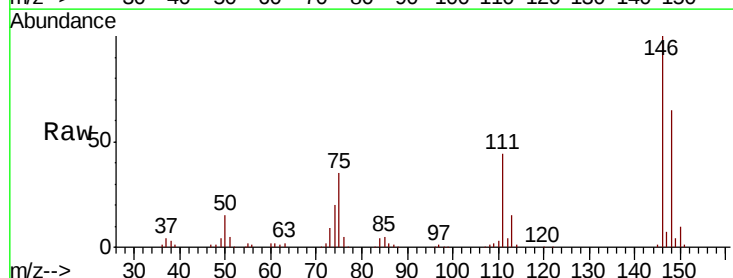
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 139166
Ion Ratio Lower Upper
93 100
63 70.5 50.2 90.2
95 31.9 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 41.433 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion: 146 Resp: 150255
Ion Ratio Lower Upper
146 100
148 65.2 50.6 75.8
75 34.7 28.6 43.0

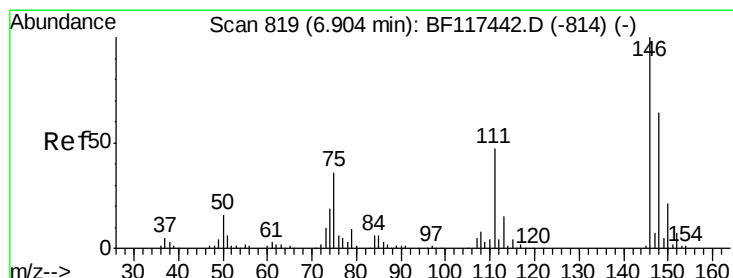
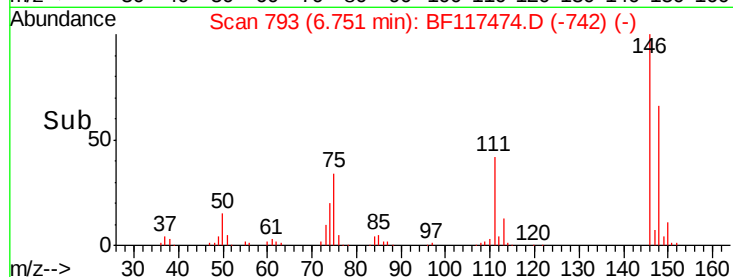
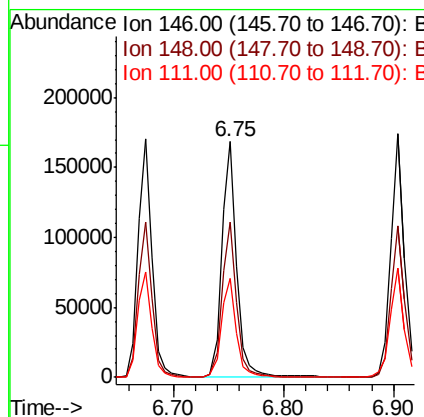
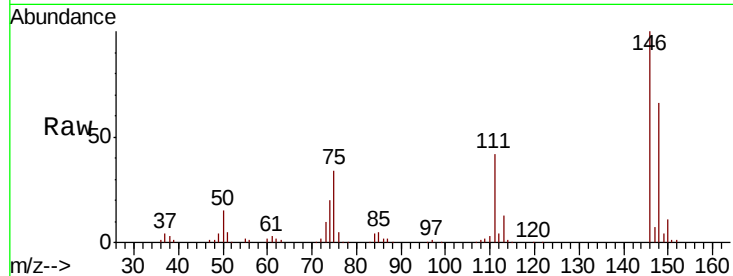




#13
 1,4-Dichlorobenzene
 Concen: 42.719 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

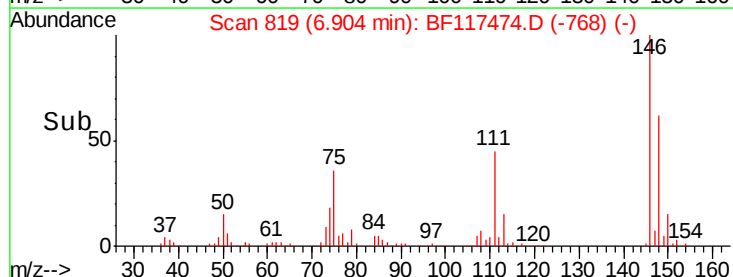
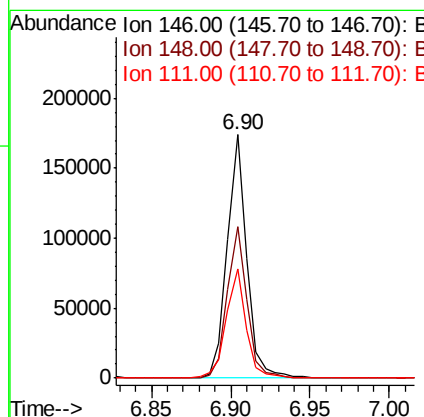
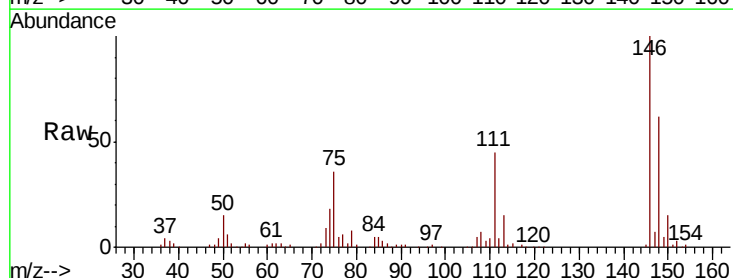
Instrument :
 BNA_F
 ClientSampled :

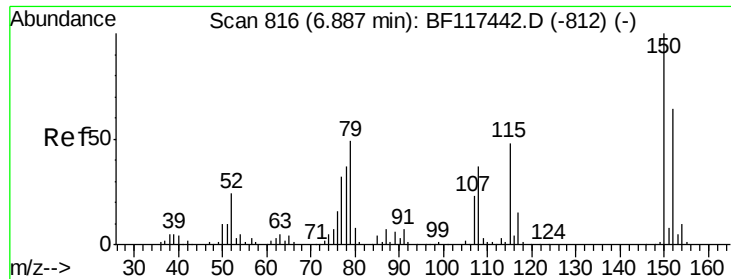
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	49.3	73.9
111	42.2	33.6	50.4



#14
 1,2-Dichlorobenzene
 Concen: 42.991 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.4	77.0
111	45.1	37.7	56.5

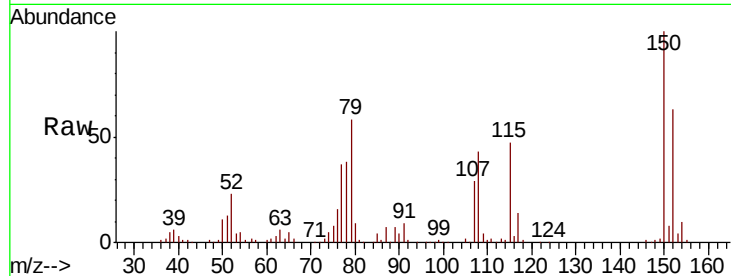




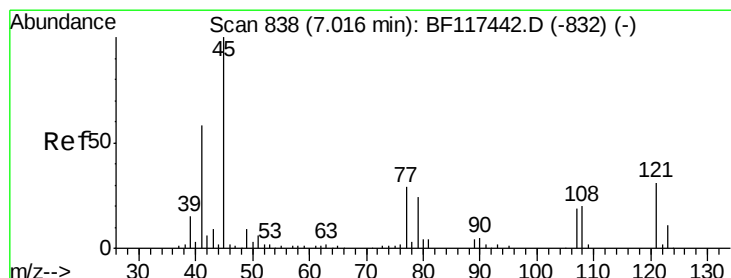
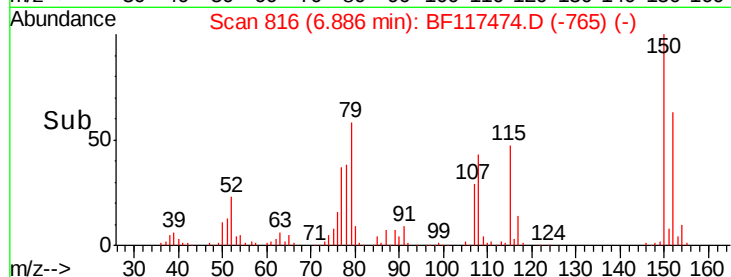
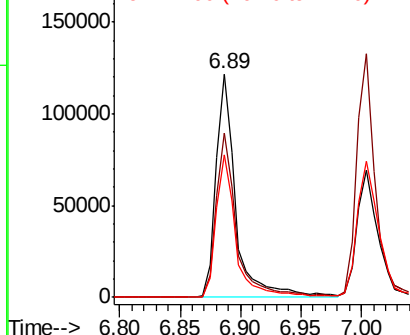
#15
Benzyl Alcohol
Concen: 46.237 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 136639
Ion Ratio Lower Upper
79 100
108 73.4 59.8 89.8
77 63.9 51.4 77.0

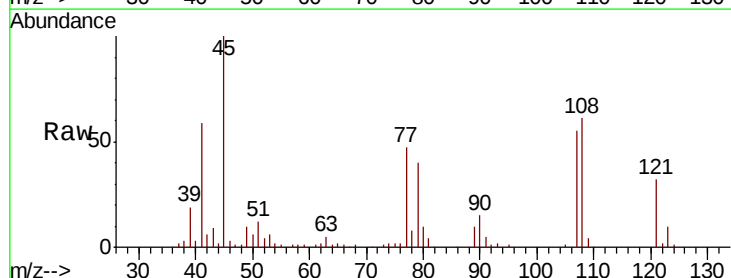


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

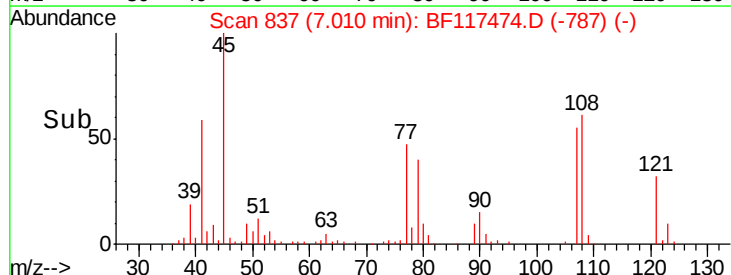
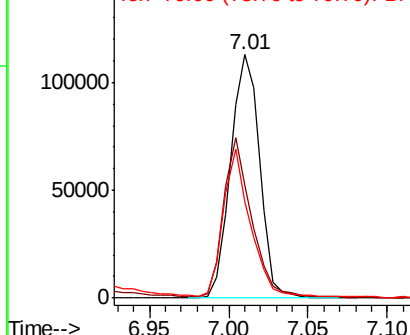


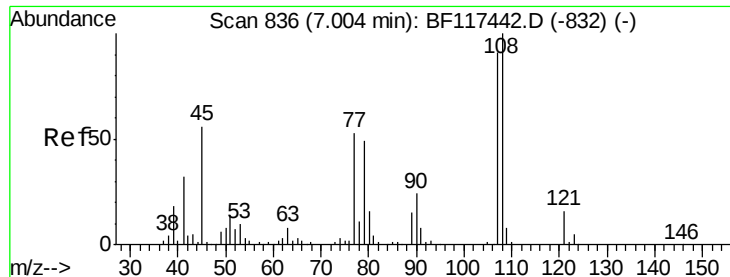
#16
2,2'-oxybis(1-chloropropane)
Concen: 42.343 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion: 45 Resp: 142635
Ion Ratio Lower Upper
45 100
77 46.6 9.9 49.9
79 39.7 5.5 45.5



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

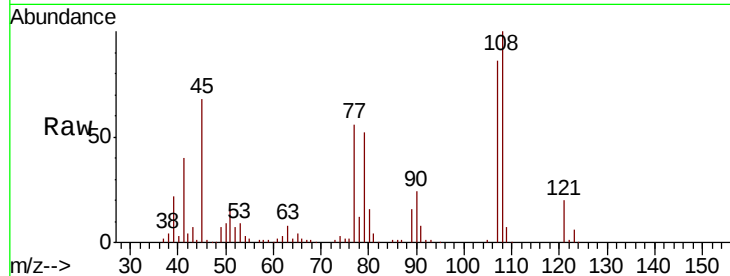




#17
2-Methylphenol
Concen: 45.278 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	88.0	132.0
77	65.1	47.2	70.8
79	60.5	44.1	66.1



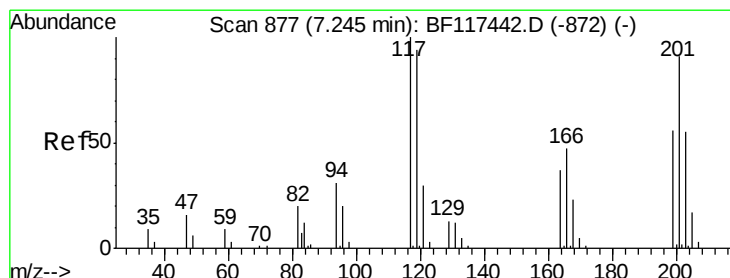
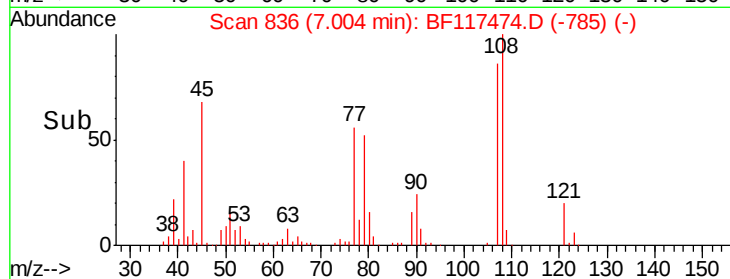
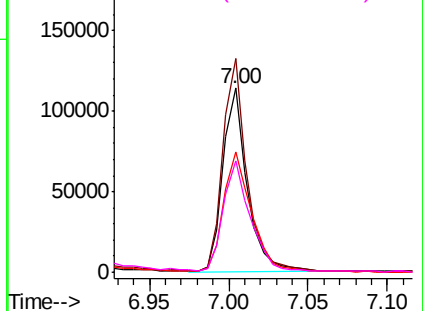
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

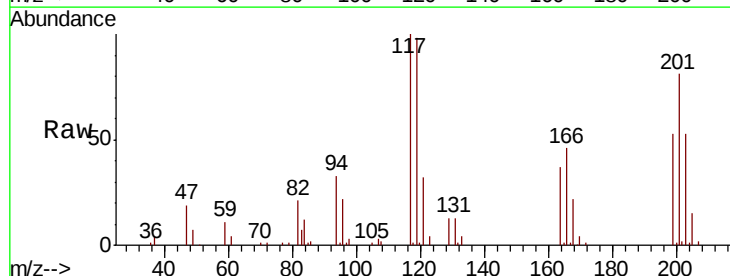
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.234 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.4	113.0
201	81.2	72.5	108.7

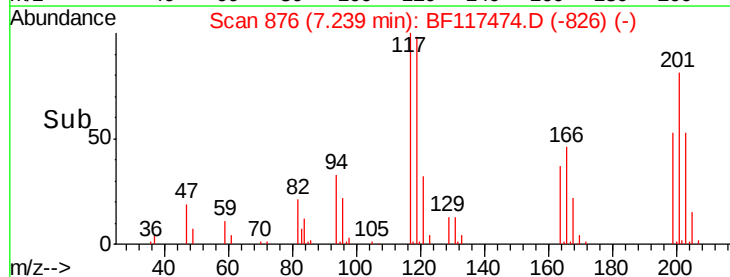
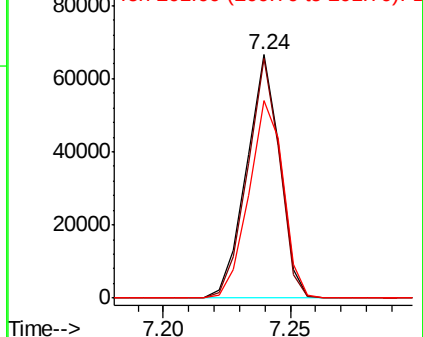


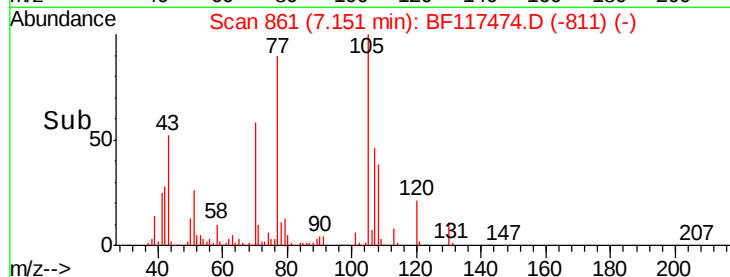
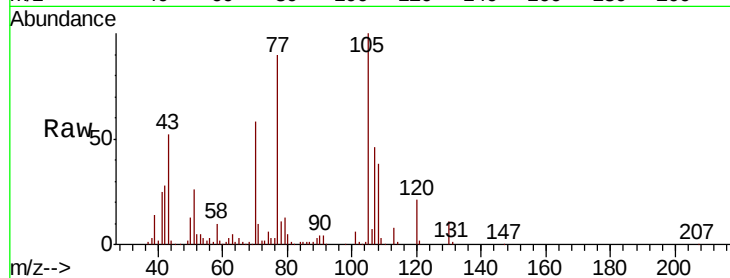
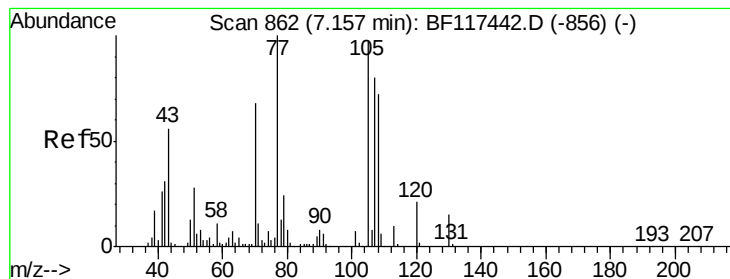
Abundance

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: 46.019 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 116249

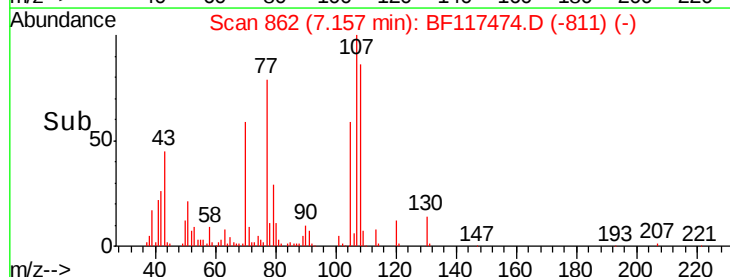
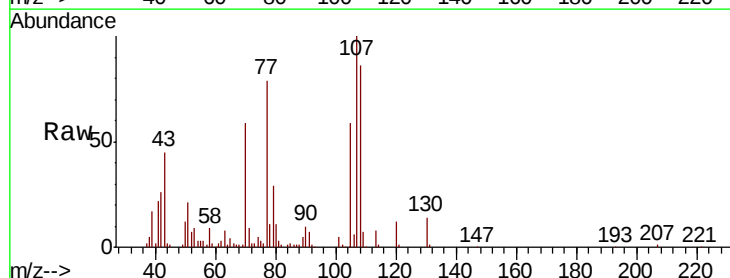
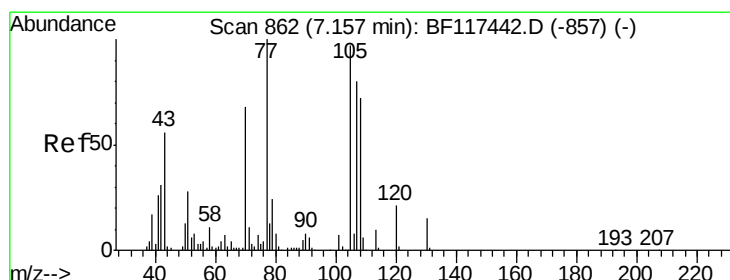
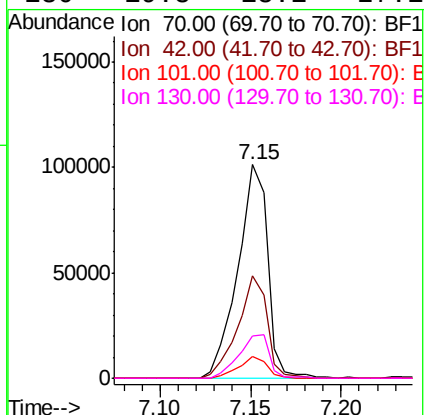
Ion Ratio Lower Upper

70 100

42 47.8 36.7 55.1

101 10.0 8.3 12.5

130 19.8 18.1 27.1



#20

3+4-Methylphenols

Concen: 47.507 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Tgt Ion:107 Resp: 166512

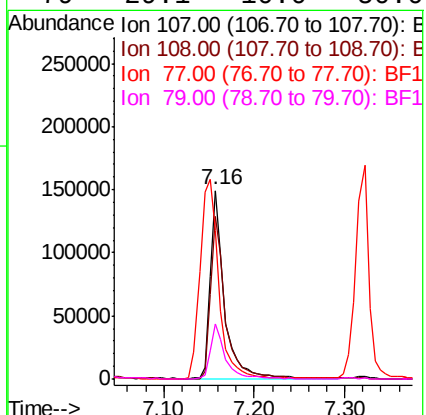
Ion Ratio Lower Upper

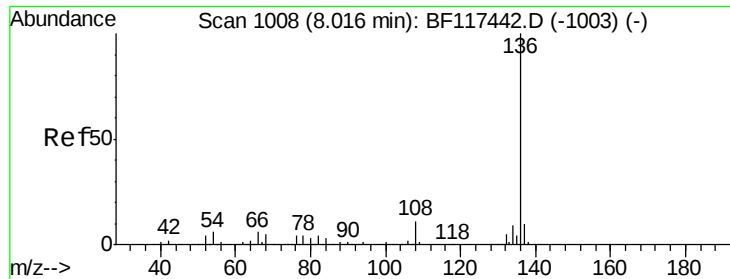
107 100

108 86.1 70.3 110.3

77 79.0 104.8 144.8#

79 29.1 10.0 50.0

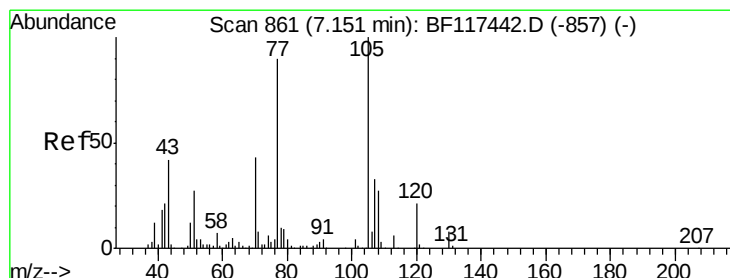
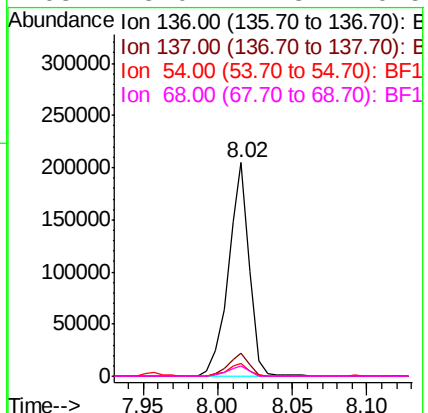
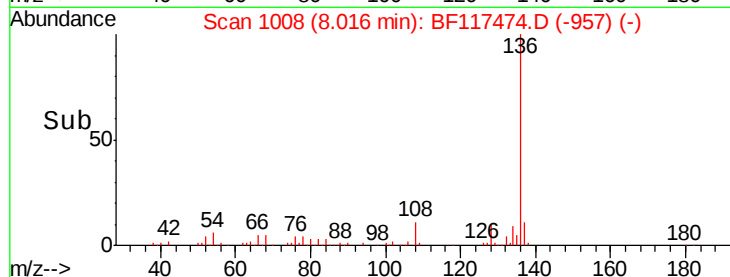
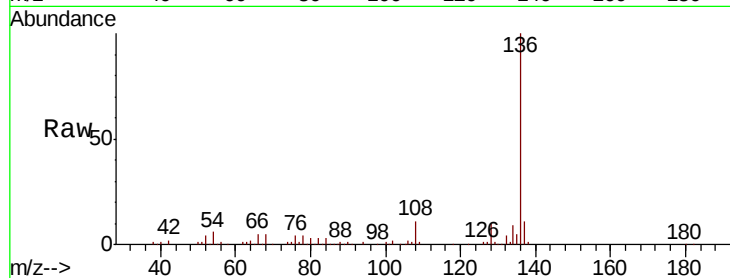




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

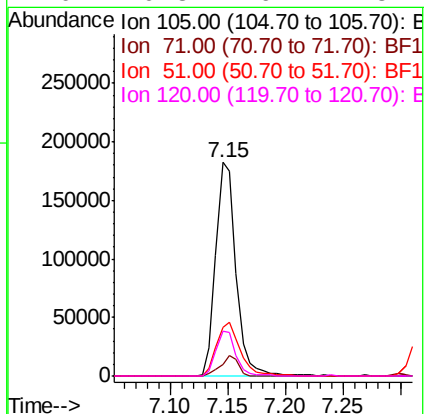
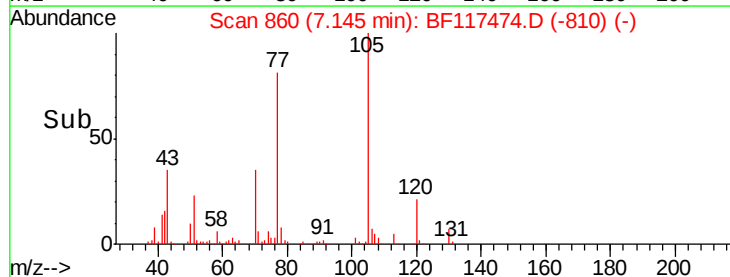
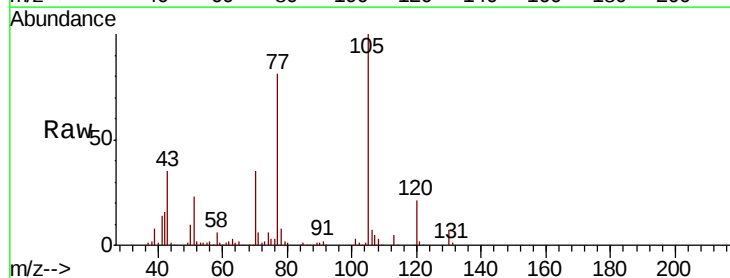
Instrument :
BNA_F
ClientSampleId :

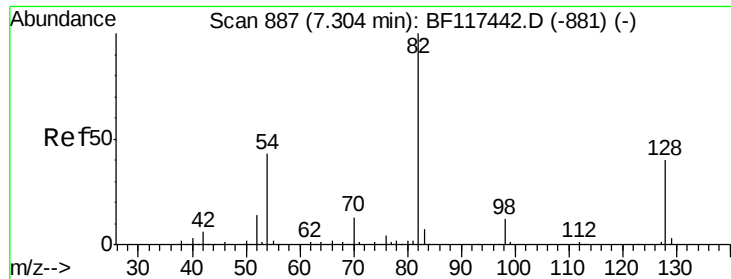
Tot Ion:136	Resp:	201229
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.2	12.4
54 5.8	4.5	6.7
68 5.0	4.3	6.5



#22
Acetophenone
Concen: 41.862 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt	Ion:105	Resp:	223686
Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.2	9.2#
51	23.0	21.8	32.6
120	20.8	16.7	25.1

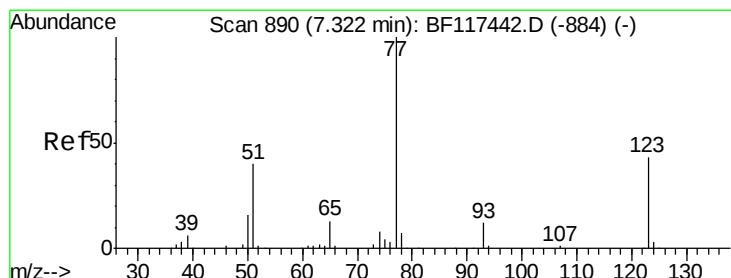
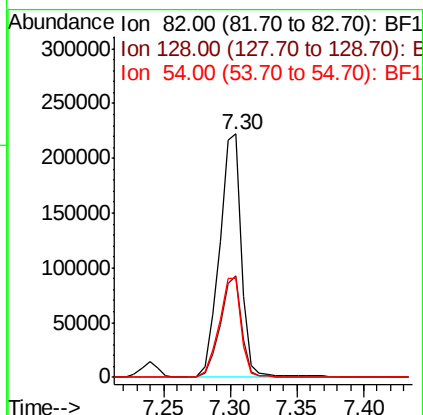
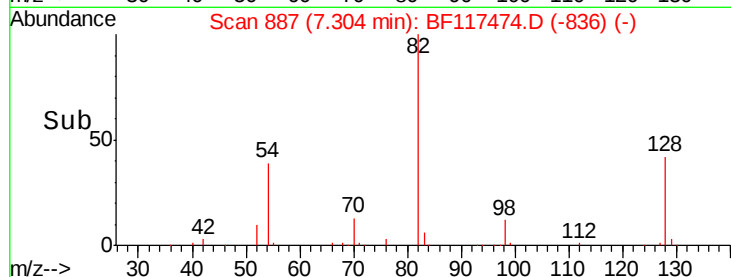
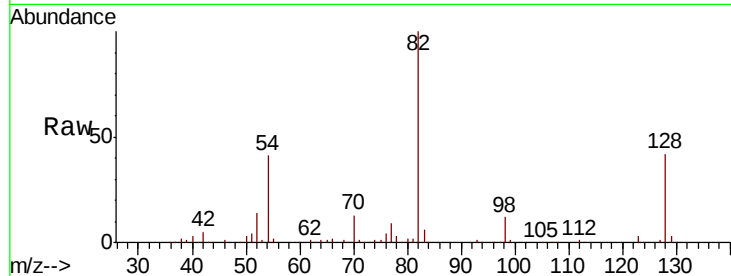




#23
Nitrobenzene-d5
Concen: 63.438 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

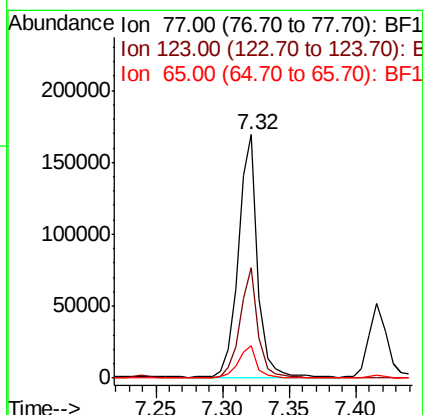
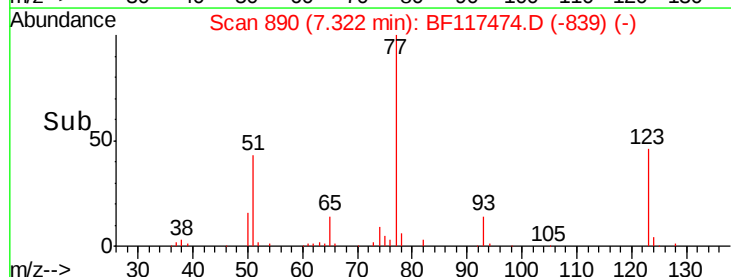
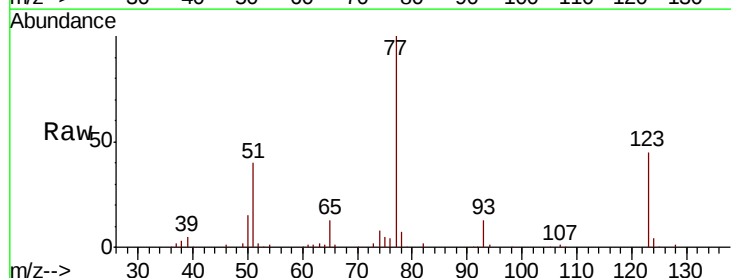
Instrument :
BNA_F
ClientSampled :

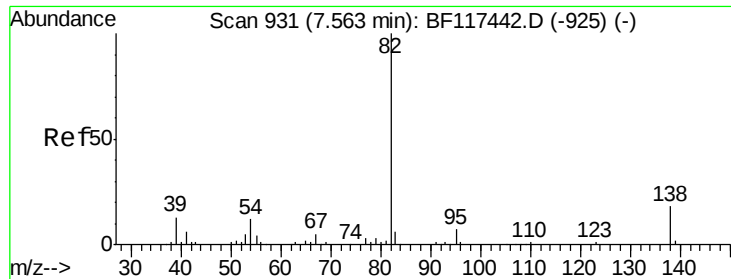
Tot Ion	82	Resp	258582
Ion Ratio	100	Lower	Upper
128	41.9	32.2	48.2
54	40.8	34.2	51.2



#24
Nitrobenzene
Concen: 44.244 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	77	Resp	172731
Ion Ratio	100	Lower	Upper
123	45.2	34.2	51.2
65	13.1	10.3	15.5





#25

Isophorone

Concen: 45.144 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

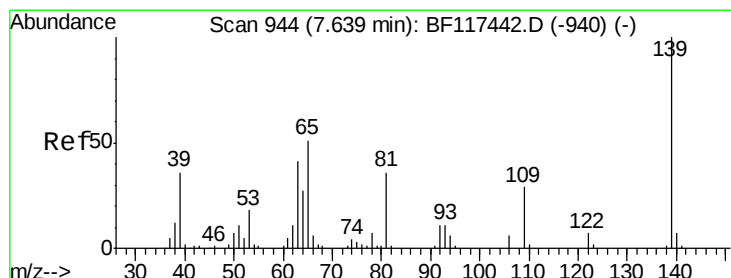
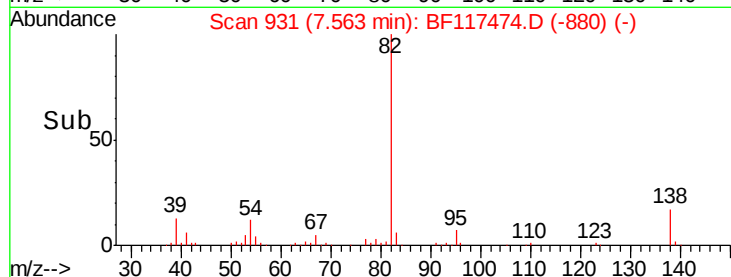
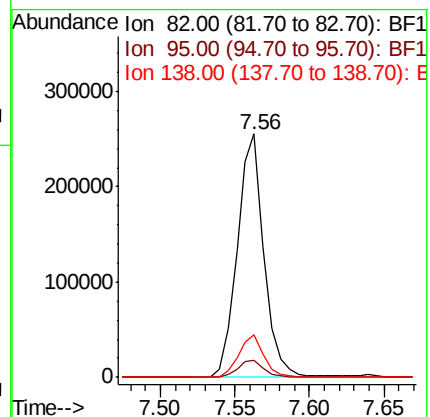
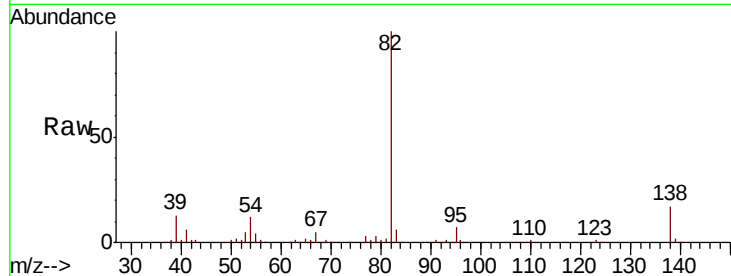
Tot Ion: 82 Resp: 318324

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.0

138 17.4 14.2 21.2



#26

2-Nitrophenol

Concen: 46.660 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

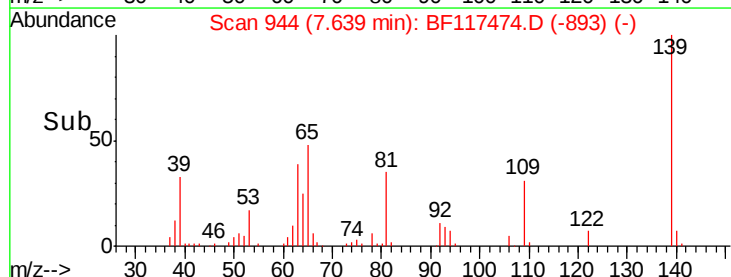
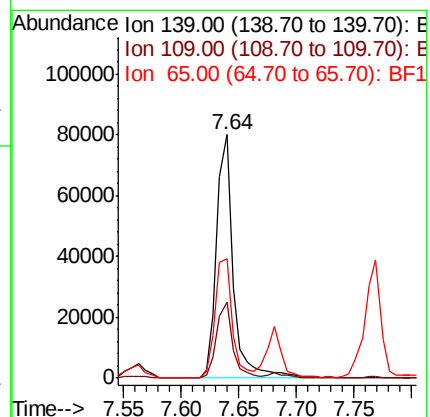
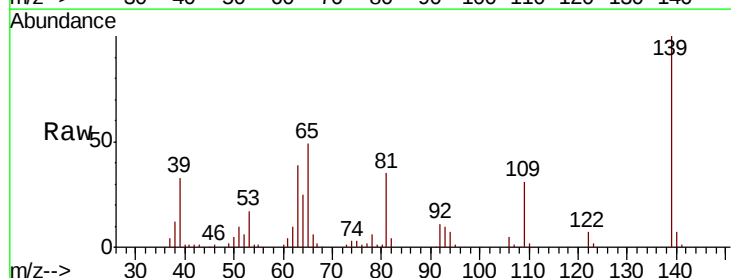
Tgt Ion: 139 Resp: 81246

Ion Ratio Lower Upper

139 100

109 31.4 23.2 34.8

65 49.3 41.1 61.7

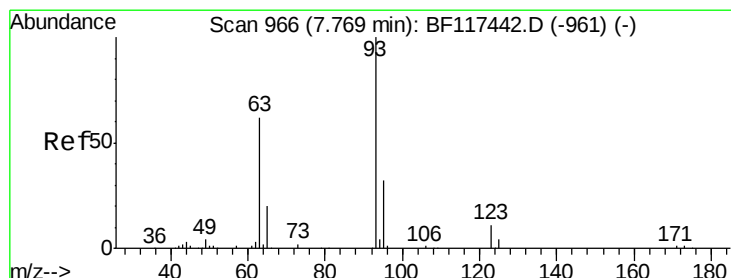
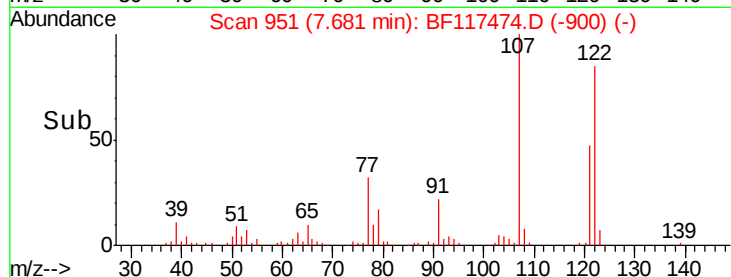
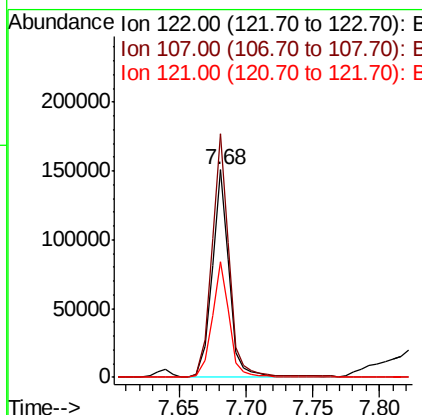
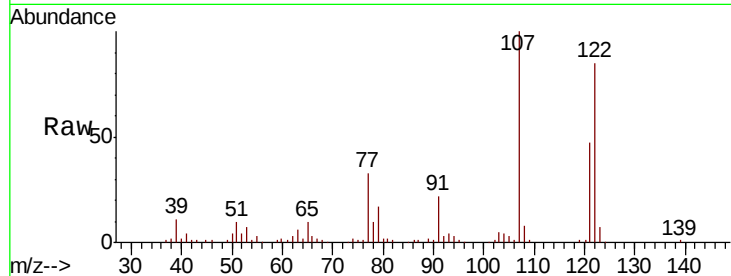




#27
 2,4-Dimethylphenol
 Concen: 52.042 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

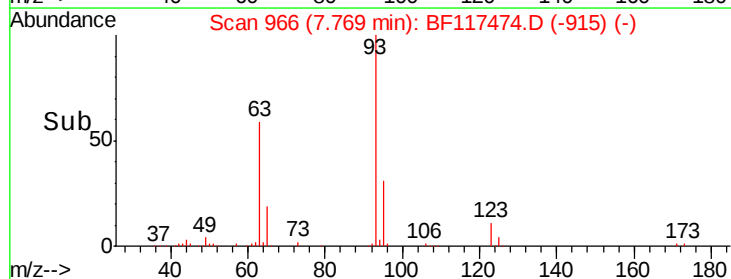
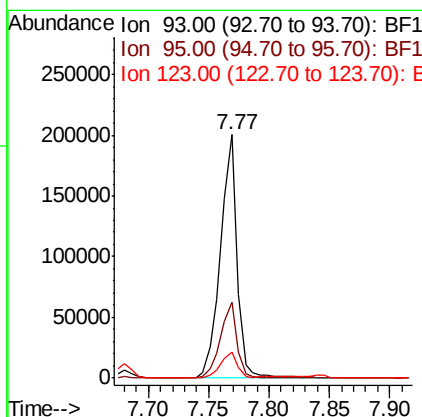
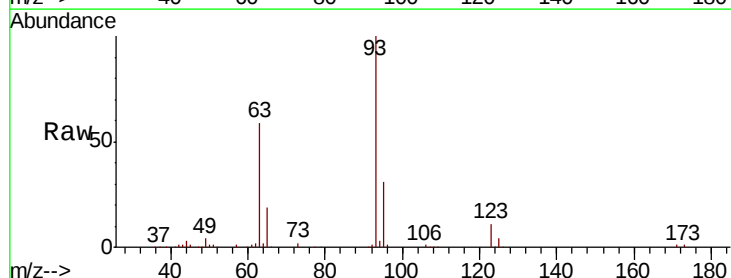
Instrument :
 BNA_F
 ClientSampled :

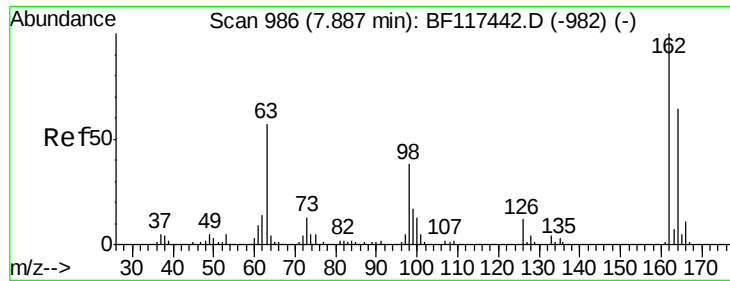
Tot Ion:122 Resp: 135424
 Ion Ratio Lower Upper
 122 100
 107 117.3 96.8 145.2
 121 55.4 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.974 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion: 93 Resp: 191332
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.5 38.3
 123 10.9 9.0 13.6

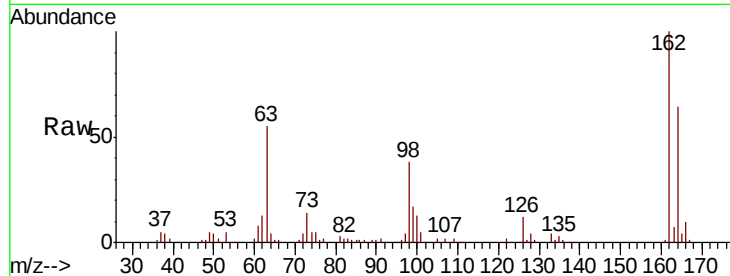




#29
2,4-Dichlorophenol
Concen: 45.863 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.4	84.4
98	37.7	18.2	58.2

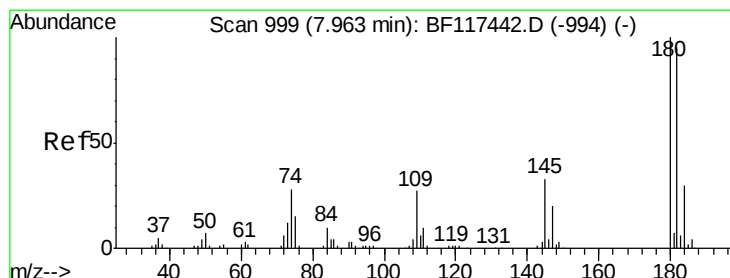
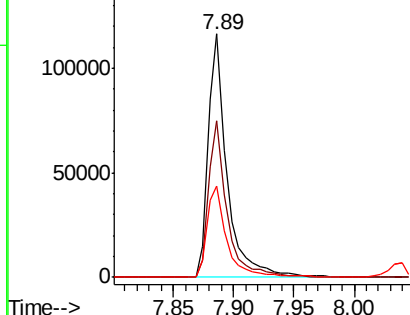
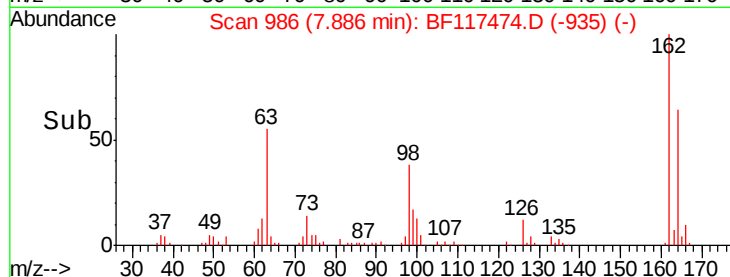


Abundance

Ion 162.00 (161.70 to 162.70): E

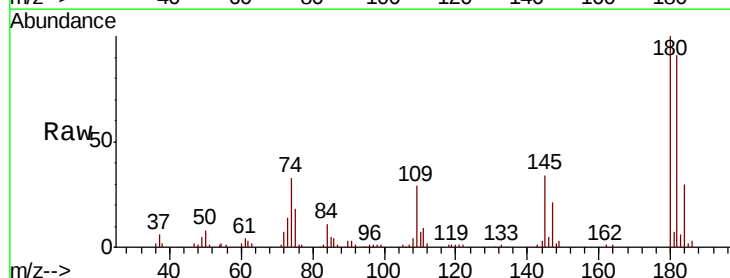
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.917 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.3	75.8	113.8
145	34.4	26.5	39.7

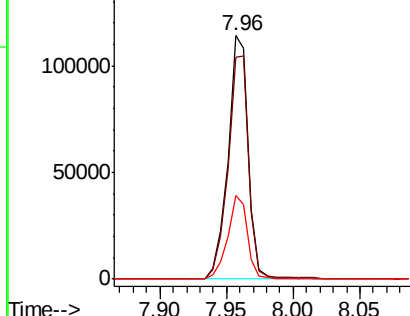
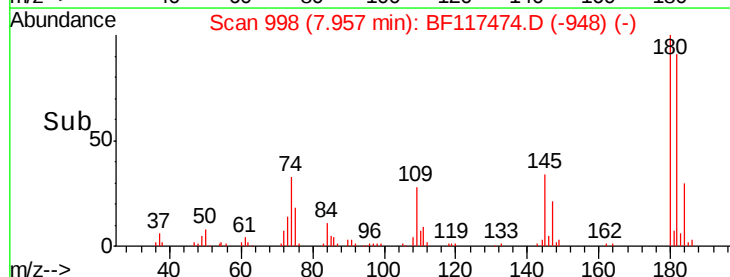


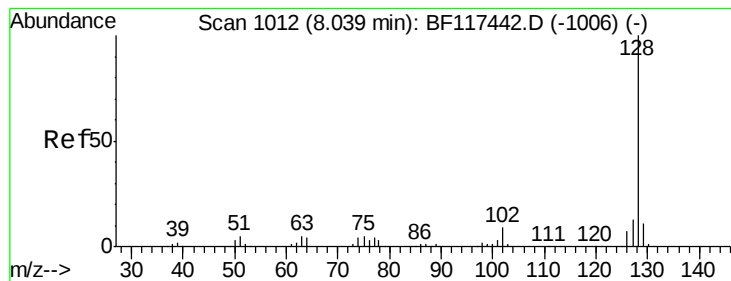
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.628 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampled :

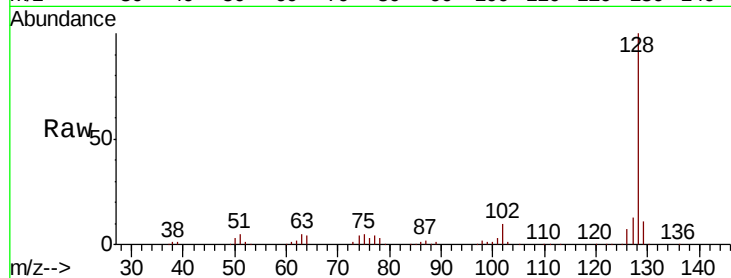
Tot Ion:128 Resp: 435153

Ion Ratio Lower Upper

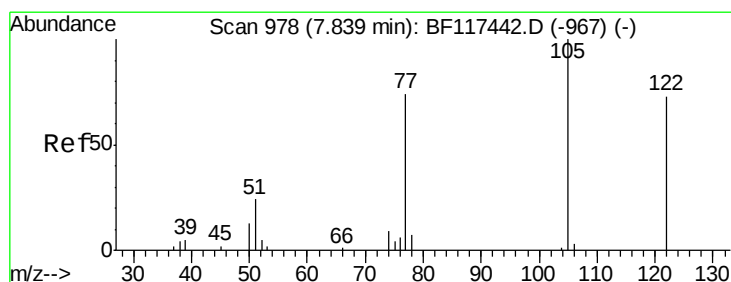
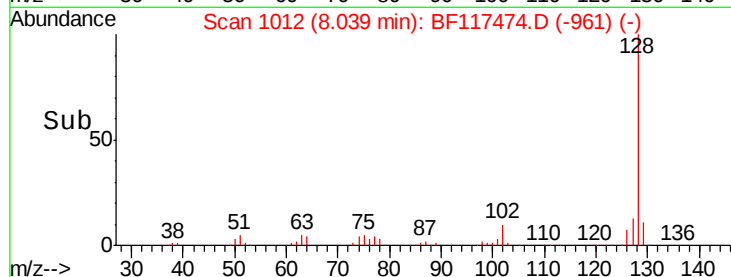
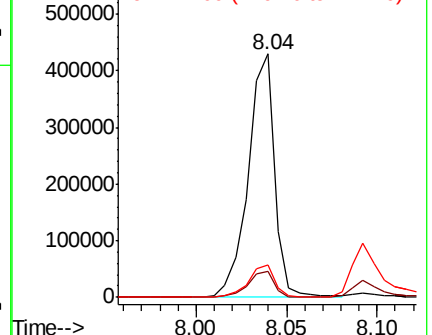
128 100

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: 43.433 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

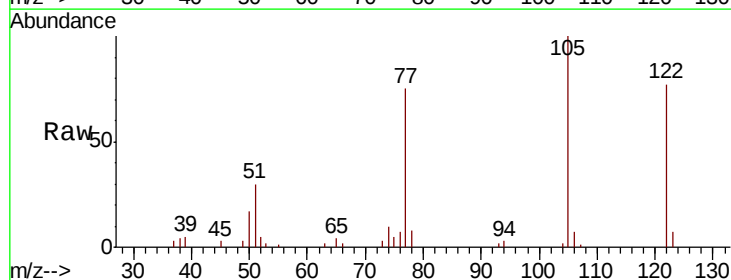
Tgt Ion:122 Resp: 77413

Ion Ratio Lower Upper

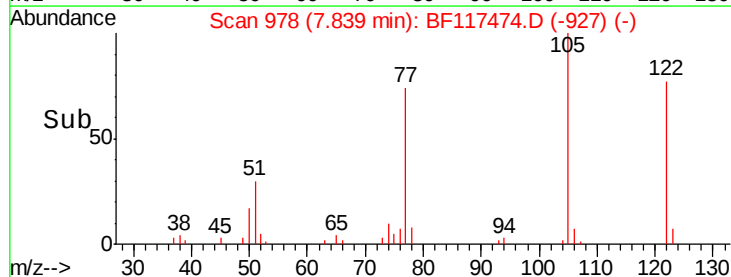
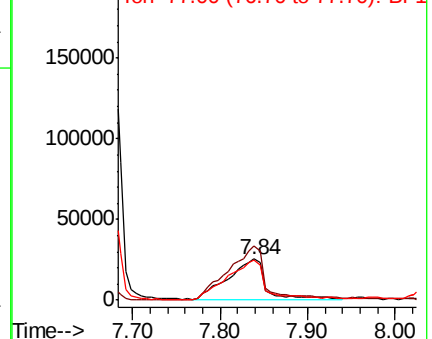
122 100

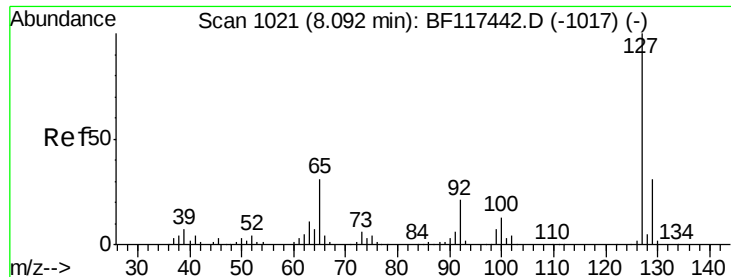
105 130.0 115.0 155.0

77 98.0 79.7 119.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

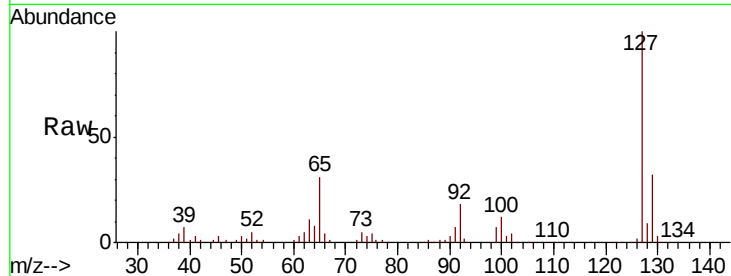




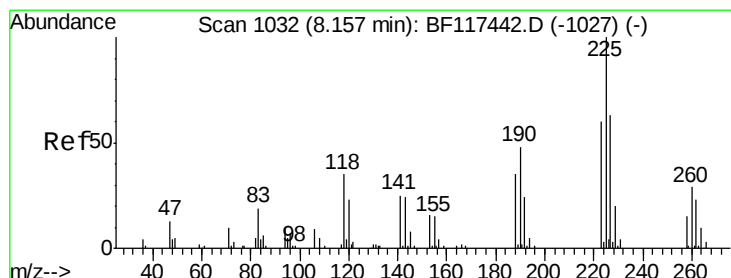
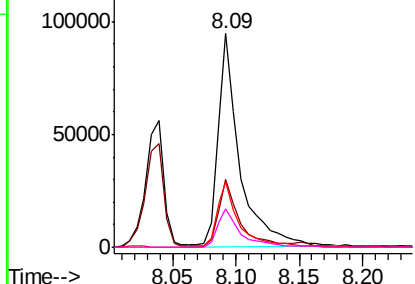
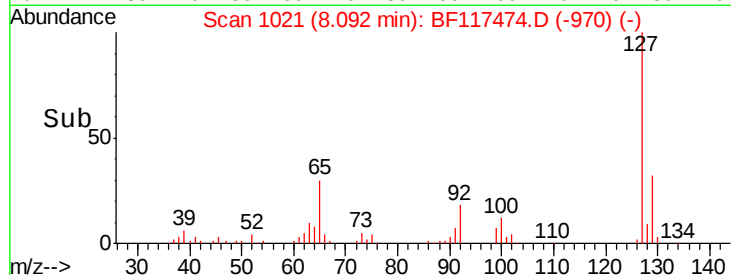
#33
4-Chloroaniline
Concen: 26.807 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	112845
Ion	Ratio	Lower	Upper
127	100		
129	32.1	24.8	37.2
65	30.7	24.6	37.0
92	18.3	16.5	24.7

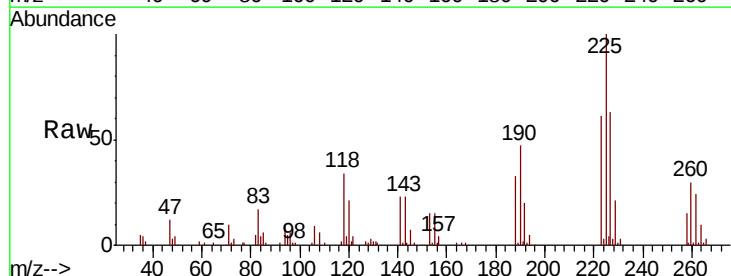


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

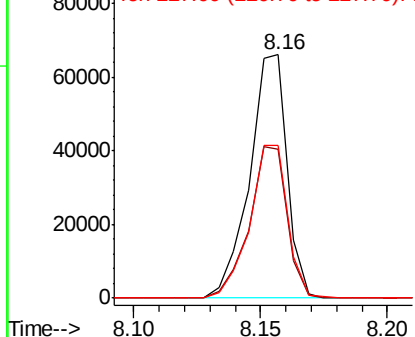
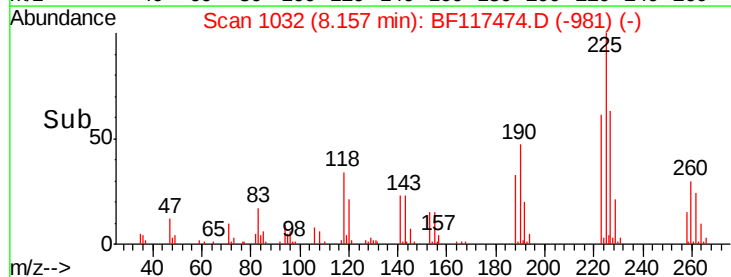


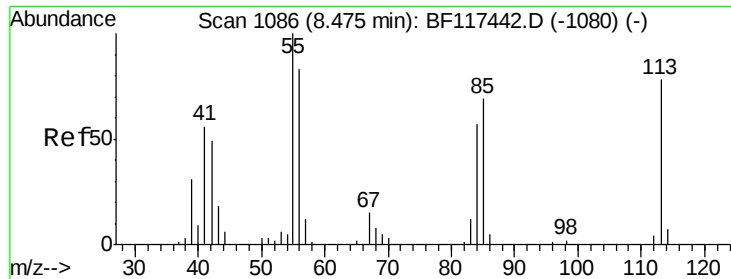
#34
Hexachlorobutadiene
Concen: 40.245 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:	225	Resp:	68228
Ion	Ratio	Lower	Upper
225	100		
223	61.2	48.2	72.4
227	62.7	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

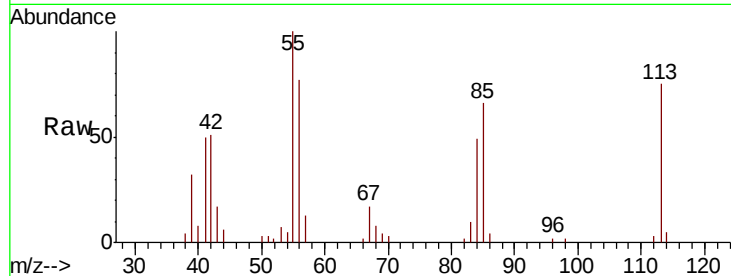




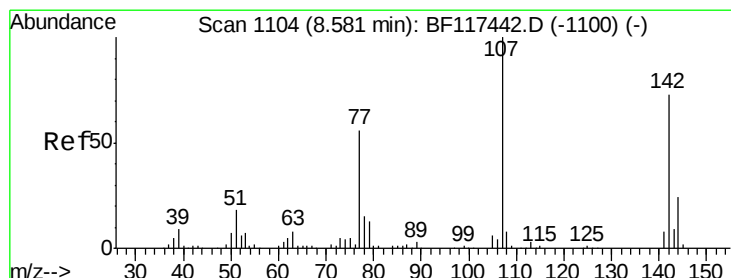
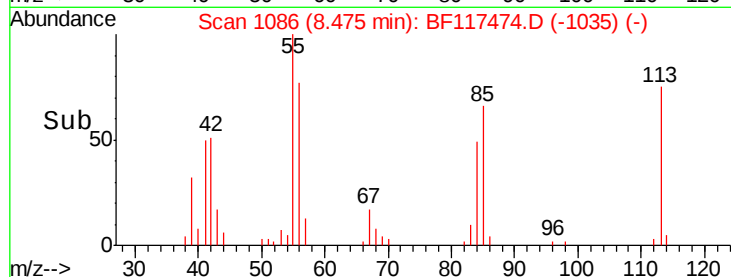
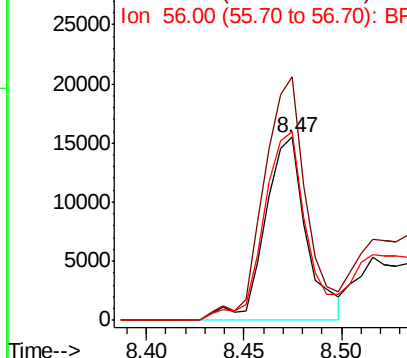
#35
Caprolactam
Concen: 26.075 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 22863
Ion Ratio Lower Upper
113 100
55 132.9 108.8 148.8
56 102.6 87.2 127.2

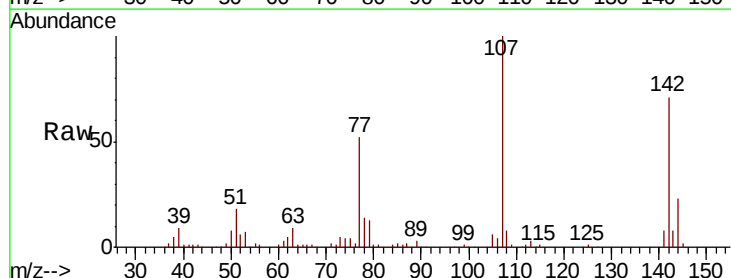


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

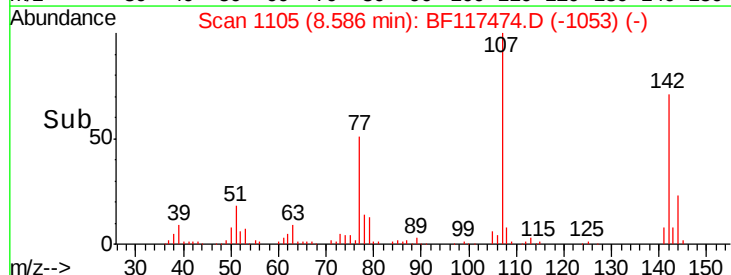
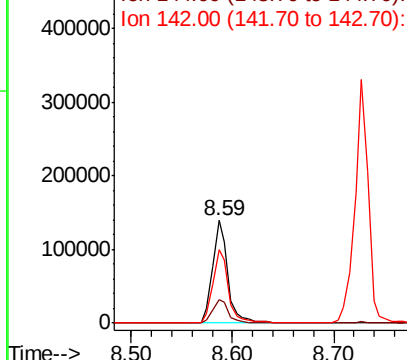


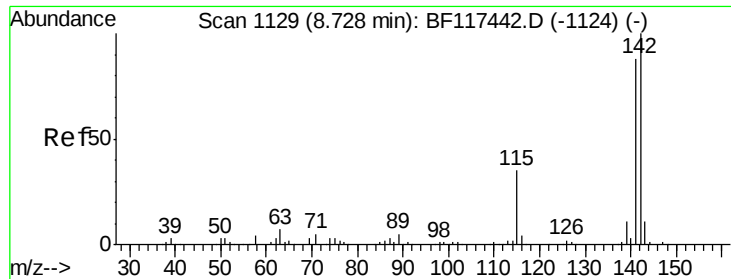
#36
4-Chloro-3-methylphenol
Concen: 47.388 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:107 Resp: 147510
Ion Ratio Lower Upper
107 100
144 23.3 18.9 28.3
142 70.8 58.6 88.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

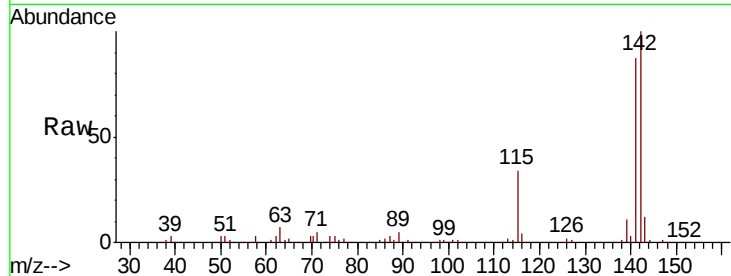




#37
2-Methylnaphthalene
Concen: 44.880 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.3	105.5
115	34.0	28.2	42.2

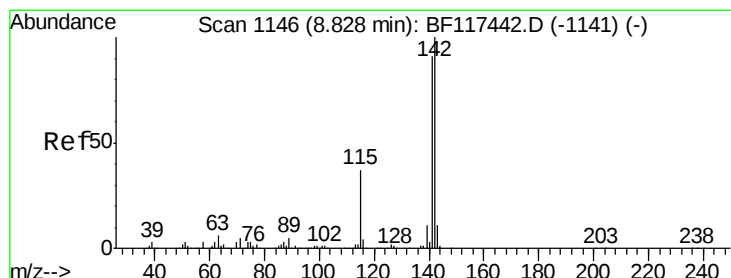
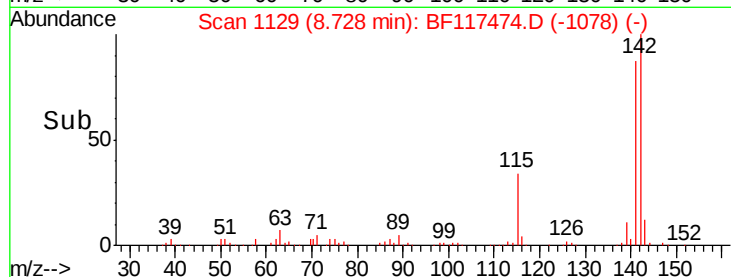
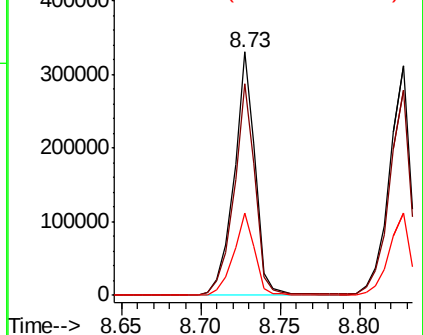


Abundance

Ion 142.00 (141.70 to 142.70): E

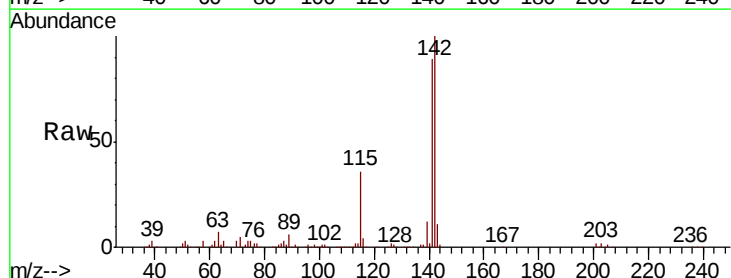
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.171 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.3	109.9
116	3.7	3.1	4.7

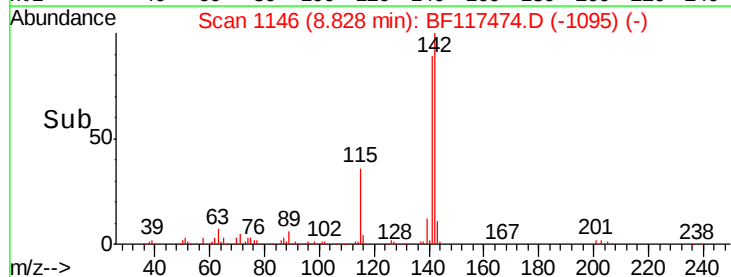
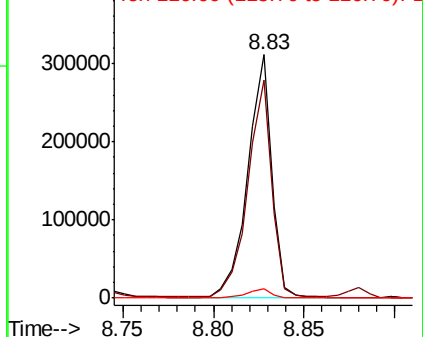


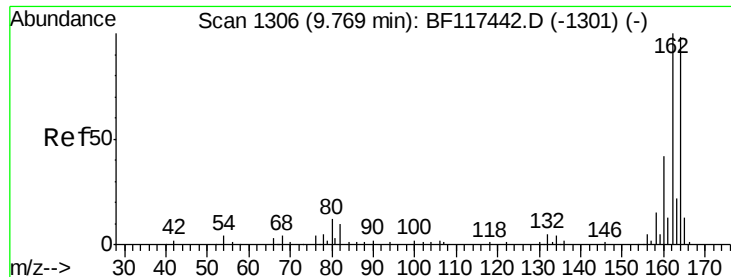
Abundance

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

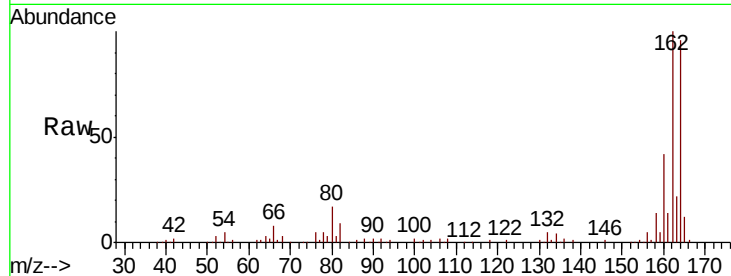




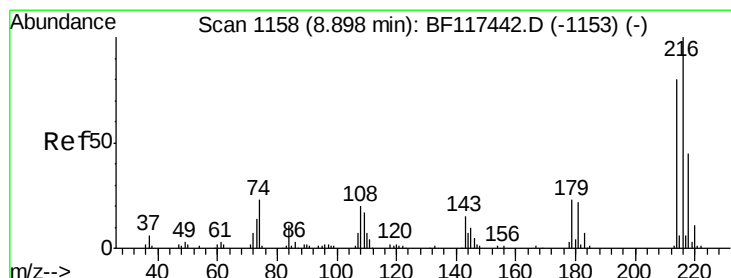
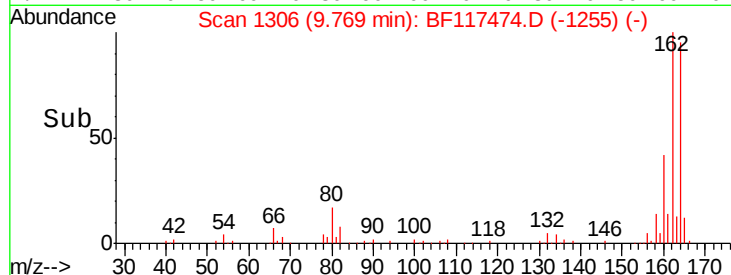
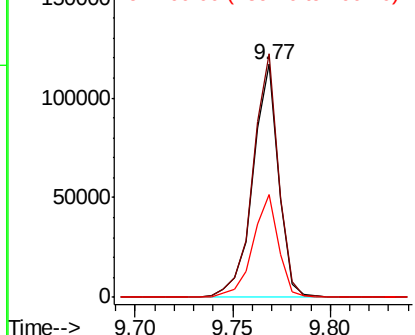
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 106709
Ion Ratio Lower Upper
164 100
162 104.4 81.8 122.6
160 43.8 34.4 51.6

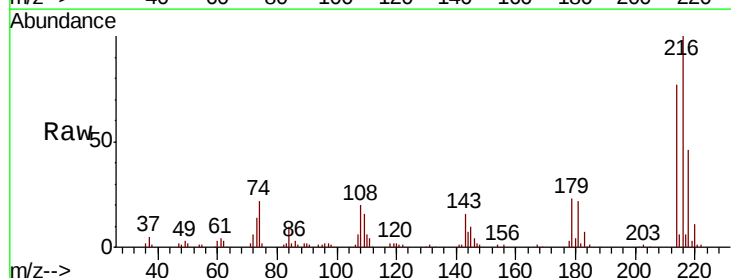


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

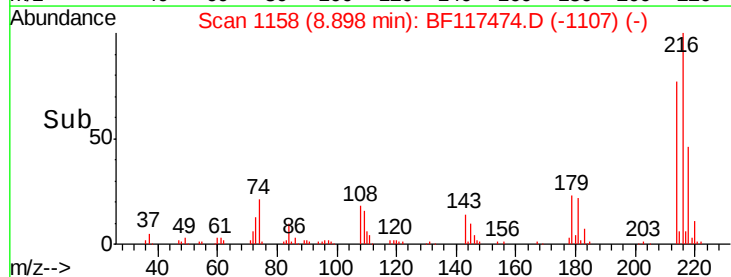
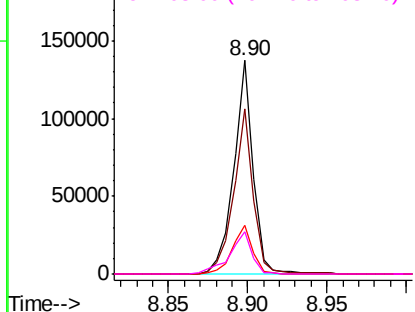


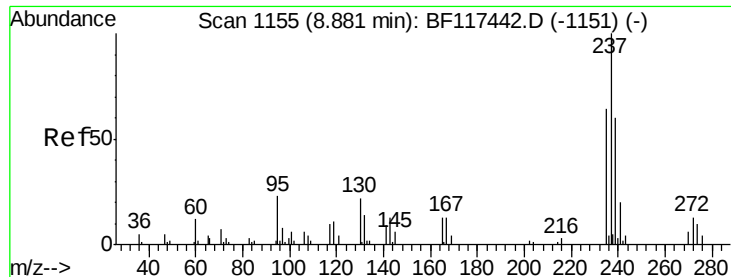
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.774 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:216 Resp: 117187
Ion Ratio Lower Upper
216 100
214 77.6 62.4 93.6
179 23.3 18.1 27.1
108 22.9 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: 84.115 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampled :

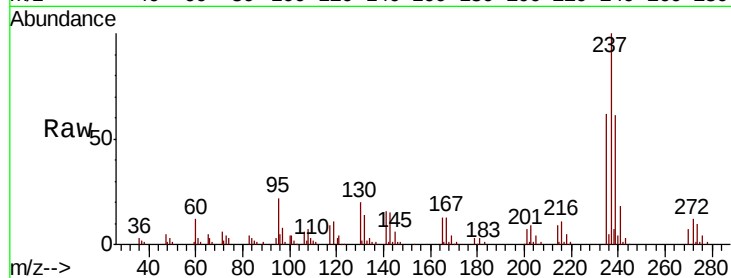
Tot Ion:237 Resp: 67376

Ion Ratio Lower Upper

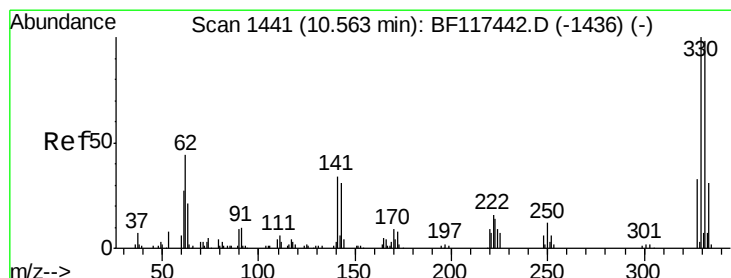
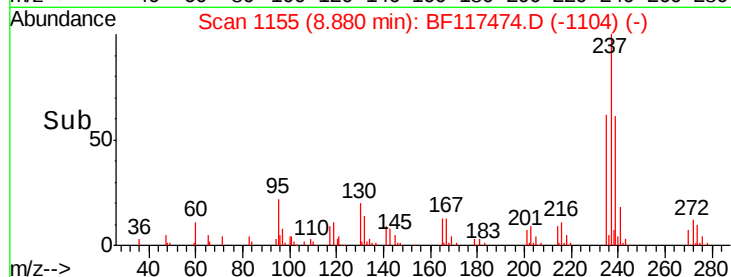
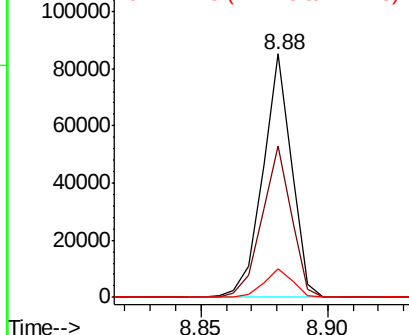
237 100

235 62.0 44.3 84.3

272 11.5 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: 118.631 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

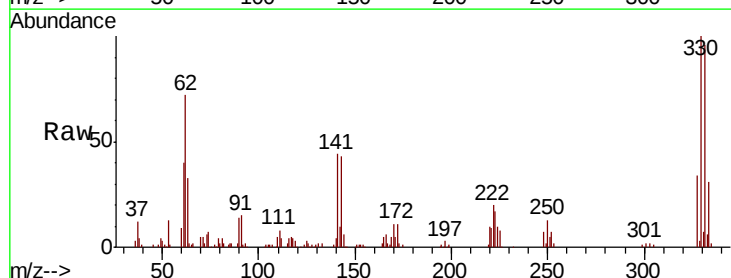
Tgt Ion:330 Resp: 109533

Ion Ratio Lower Upper

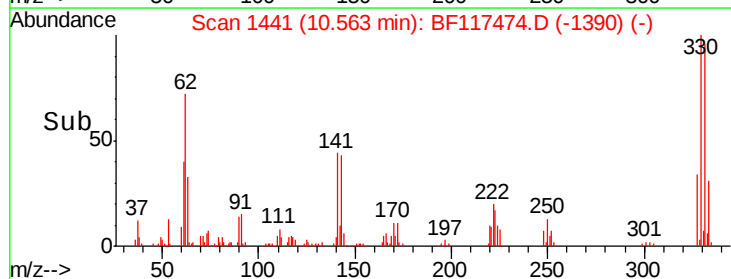
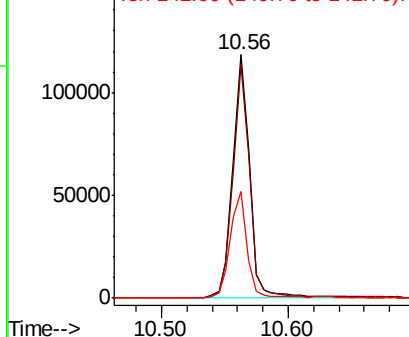
330 100

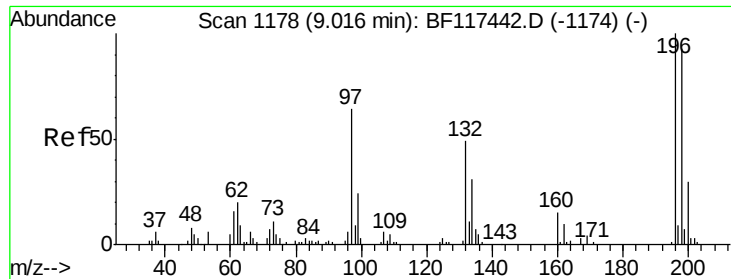
332 94.9 78.5 117.7

141 44.1 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

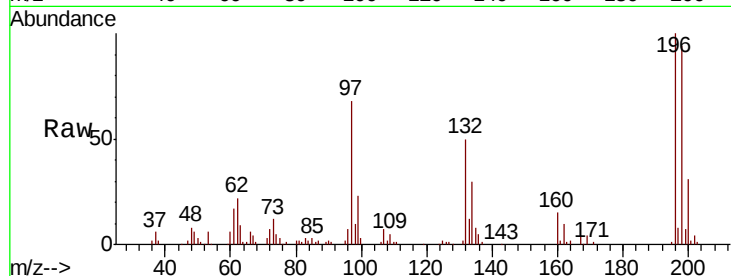




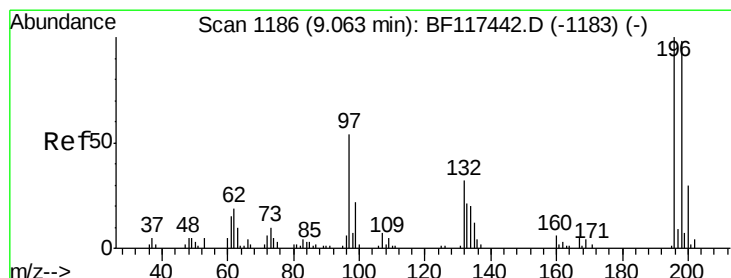
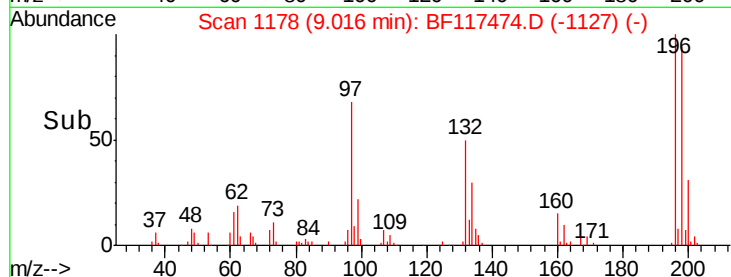
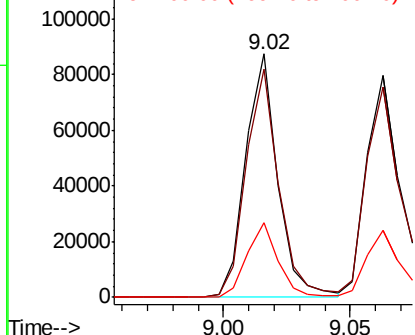
#43
 2,4,6-Trichlorophenol
 Concen: 43.054 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	77490
Ion	Ratio	Lower Upper
196	100	
198	93.6	74.1 111.1
200	30.8	23.9 35.9



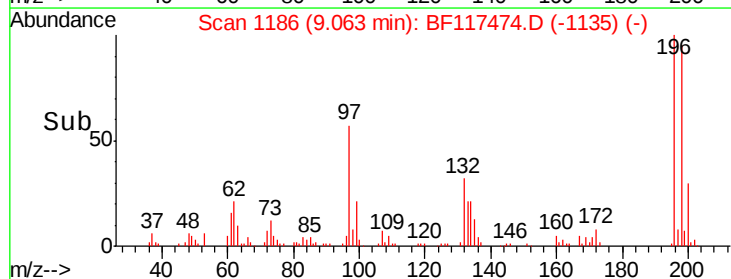
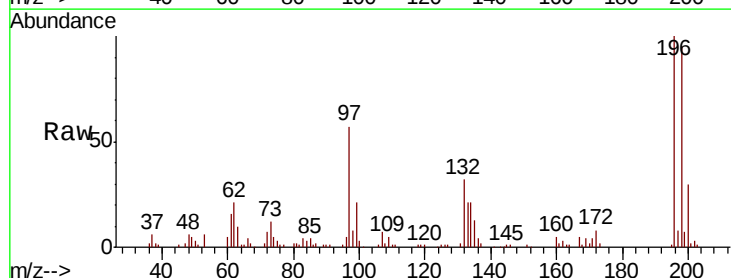
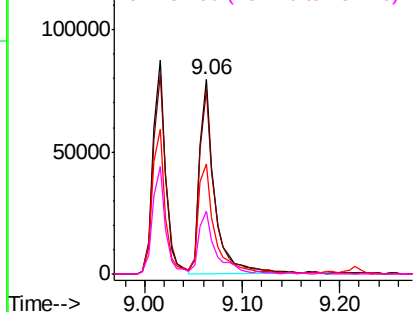
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

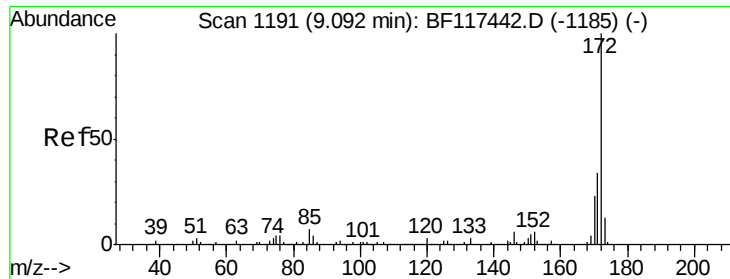


#44
 2,4,5-Trichlorophenol
 Concen: 46.614 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:196	Resp:	85016
Ion	Ratio	Lower Upper
196	100	
198	94.6	78.6 117.8
97	56.6	43.4 65.2
132	32.4	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

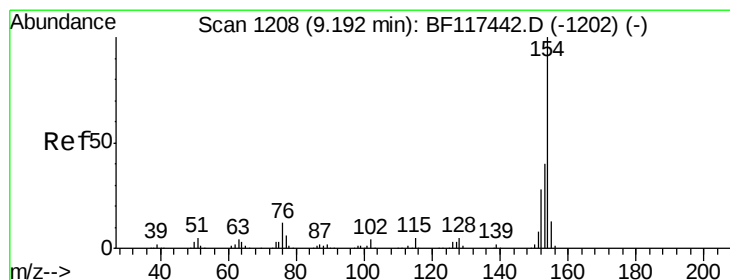
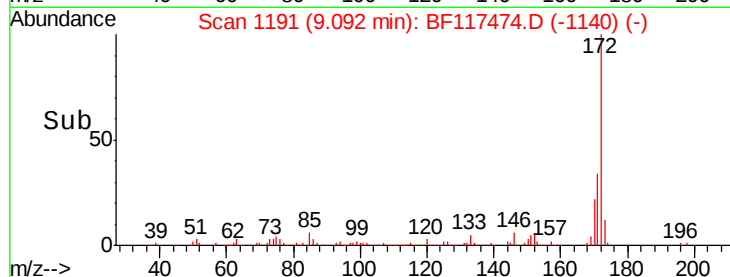
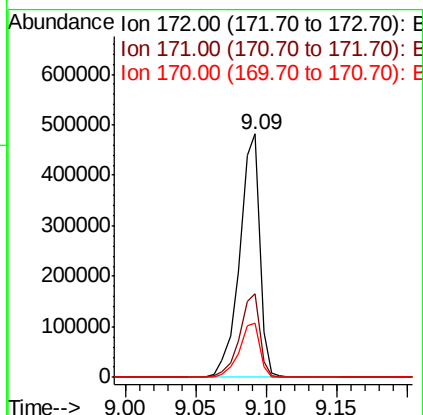
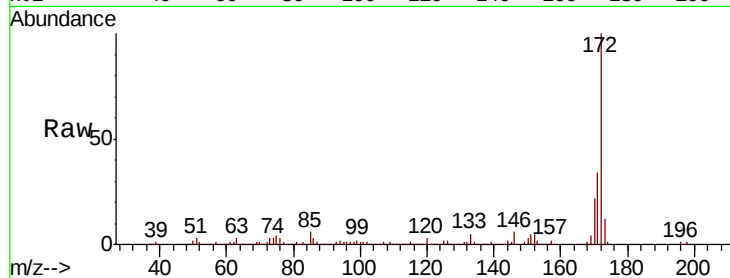




#45
2-Fluorobiphenyl
Concen: 63.401 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

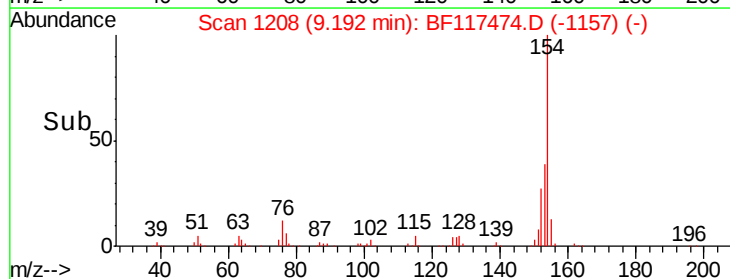
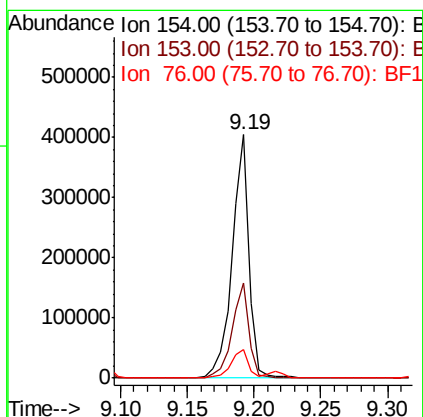
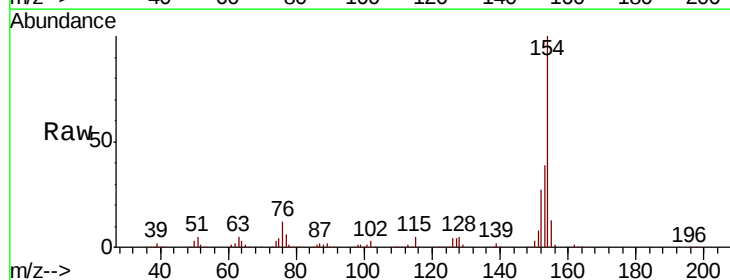
Instrument :
BNA_F
ClientSampleId :

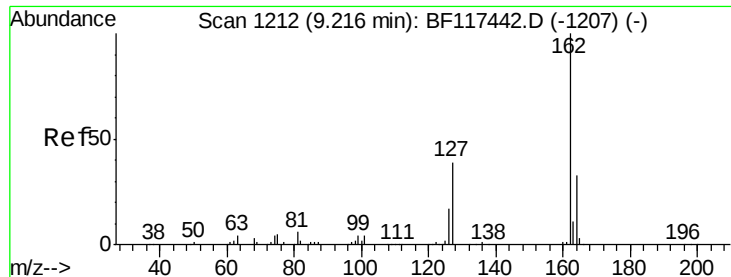
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.5	41.3
170	22.1	18.6	27.8



#46
1,1'-Biphenyl
Concen: 40.860 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	11.8	0.0	32.1

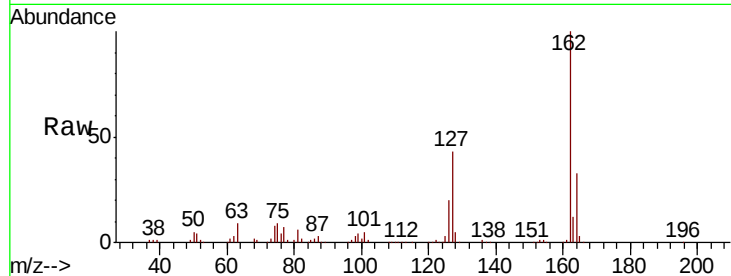




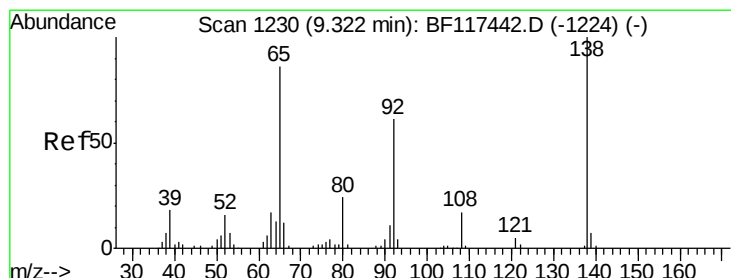
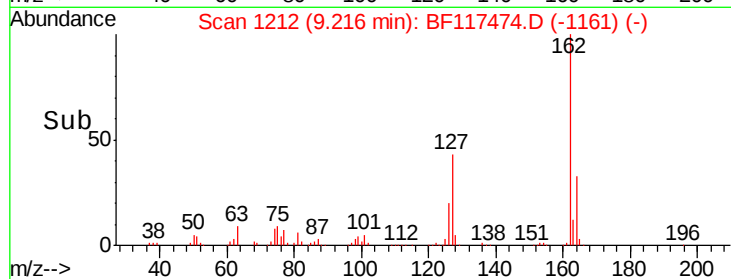
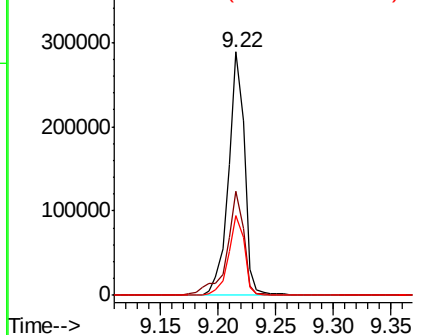
#47
 2-Chloronaphthalene
 Concen: 41.454 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	276116
Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.2	51.4
164	32.7	26.4	39.6

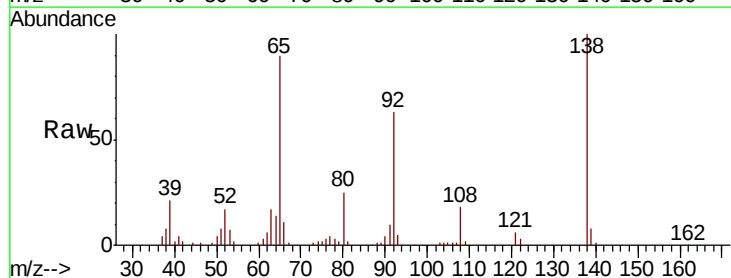


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

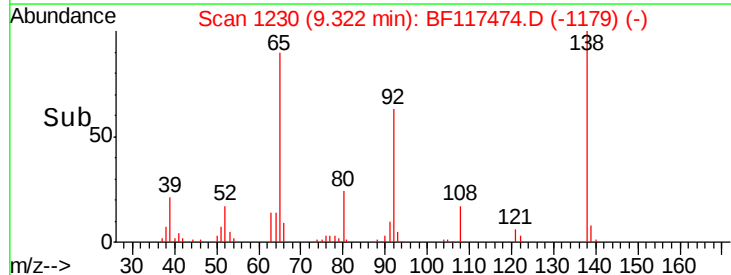
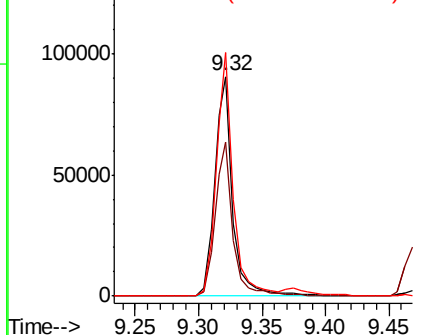


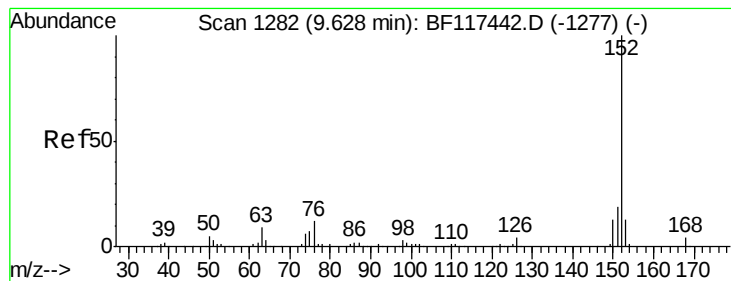
#48
 2-Nitroaniline
 Concen: 41.049 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	65	Resp:	89756
Ion	Ratio	Lower	Upper
65	100		
92	70.3	57.3	85.9
138	111.0	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: 44.606 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

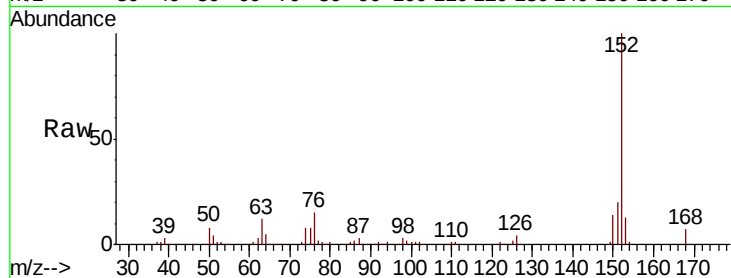
Tot Ion:152 Resp: 436403

Ion Ratio Lower Upper

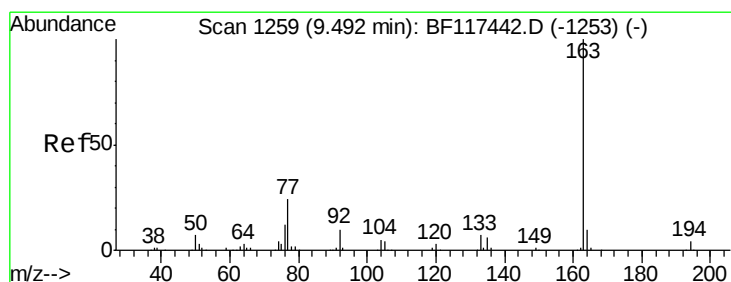
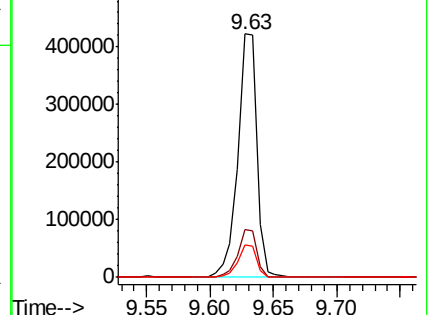
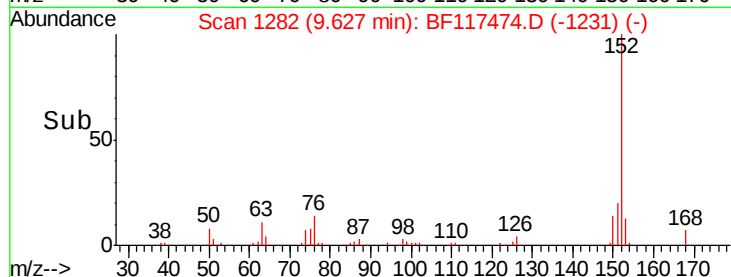
152 100

151 19.5 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: 43.680 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

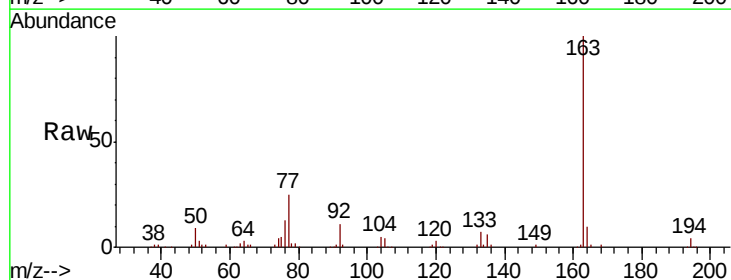
Tgt Ion:163 Resp: 332285

Ion Ratio Lower Upper

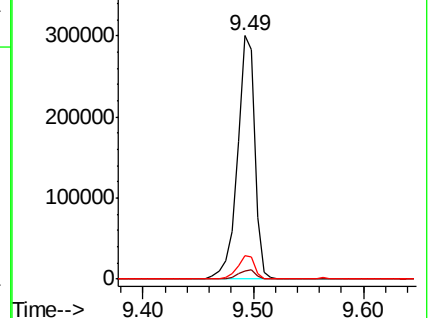
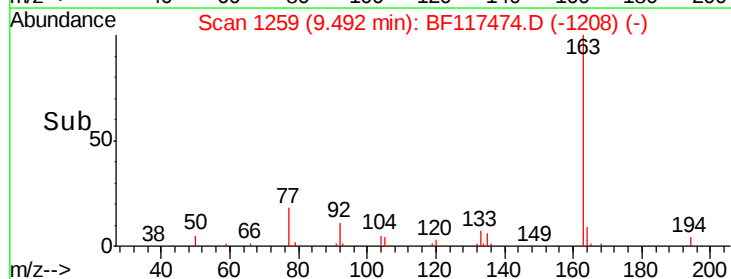
163 100

194 3.5 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

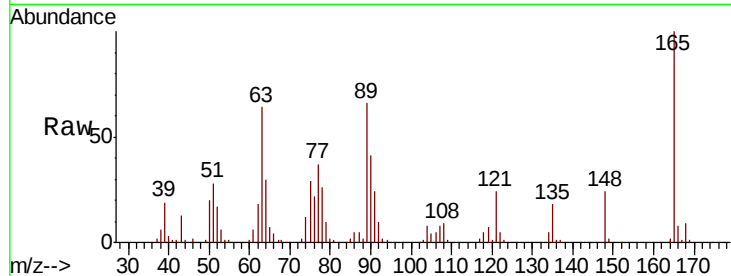




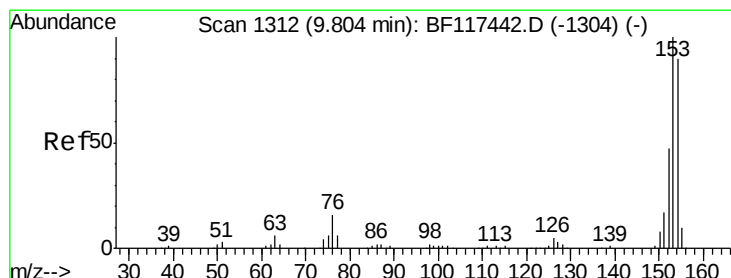
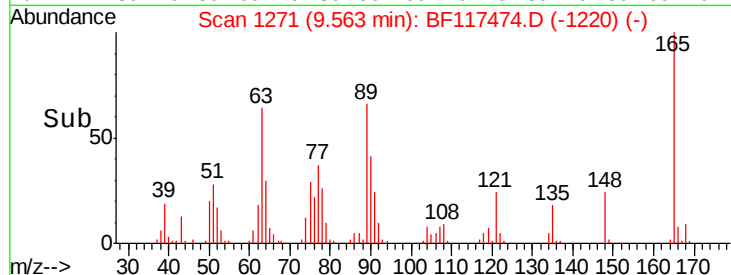
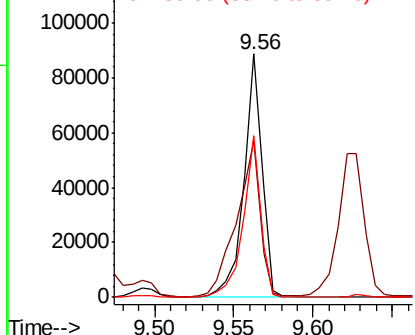
#51
 2,6-Dinitrotoluene
 Concen: 44.322 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165 Resp: 70358
 Ion Ratio Lower Upper
 165 100
 63 64.1 43.8 65.8
 89 66.4 47.6 71.4

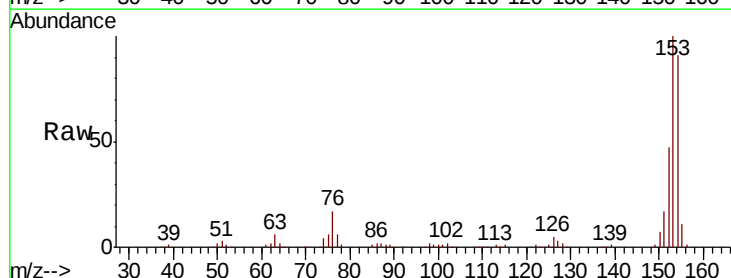


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

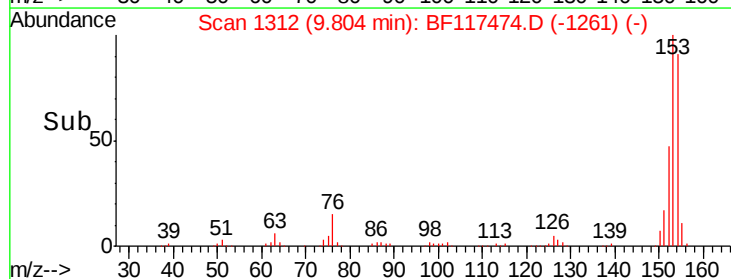
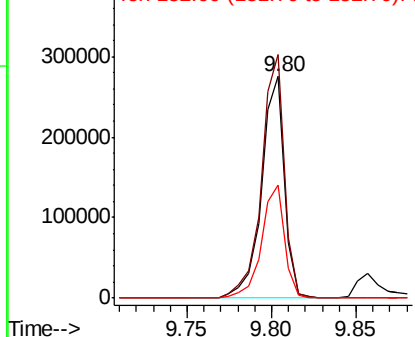


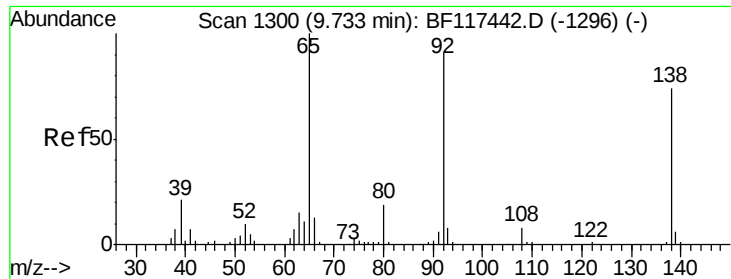
#52
 Acenaphthene
 Concen: 42.880 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:154 Resp: 257385
 Ion Ratio Lower Upper
 154 100
 153 110.0 89.2 133.8
 152 51.2 41.8 62.6



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

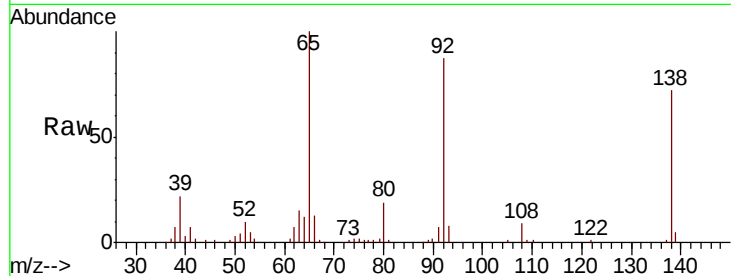




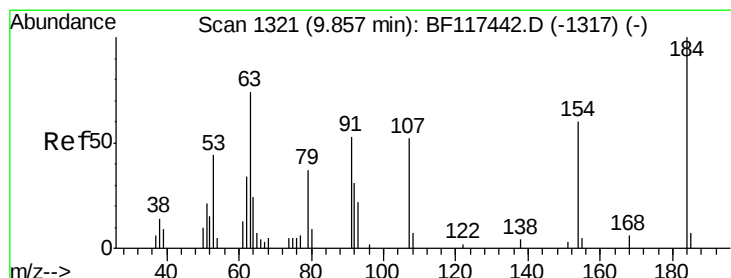
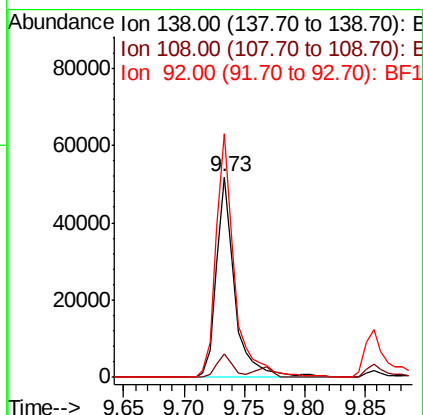
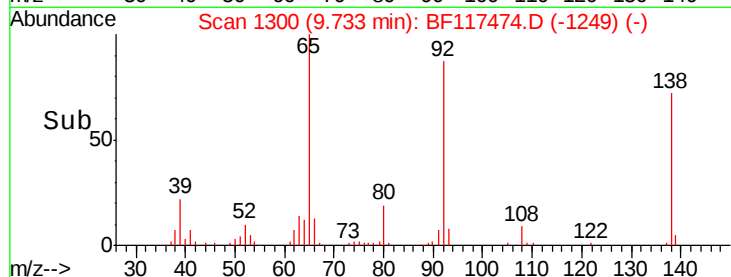
#53
3-Nitroaniline
Concen: 27.957 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 53848
Ion Ratio Lower Upper
138 100
108 11.9 8.7 13.1
92 121.4 98.4 147.6

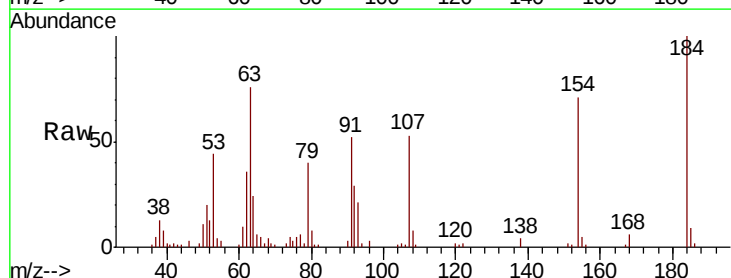


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

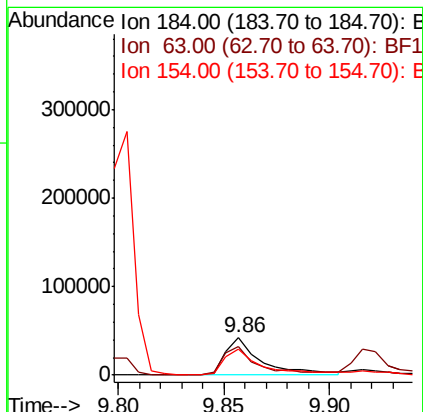
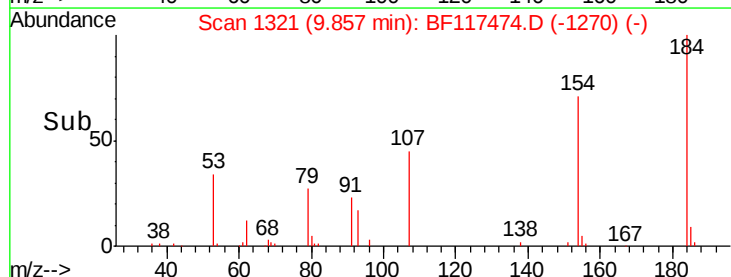


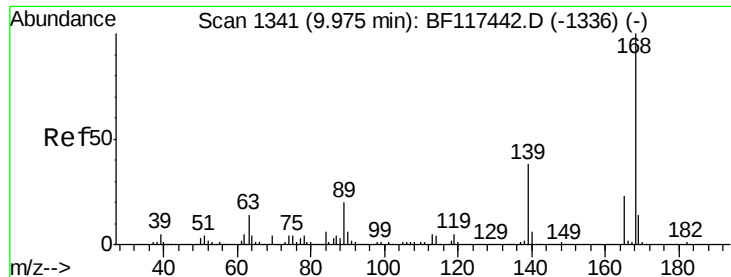
#54
2,4-Dinitrophenol
Concen: 77.105 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:184 Resp: 50523
Ion Ratio Lower Upper
184 100
63 75.7 59.2 88.8
154 70.8 53.4 80.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

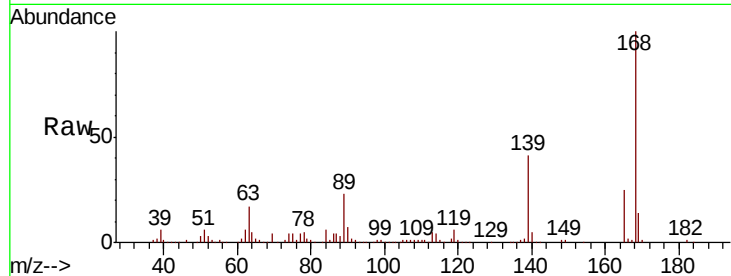




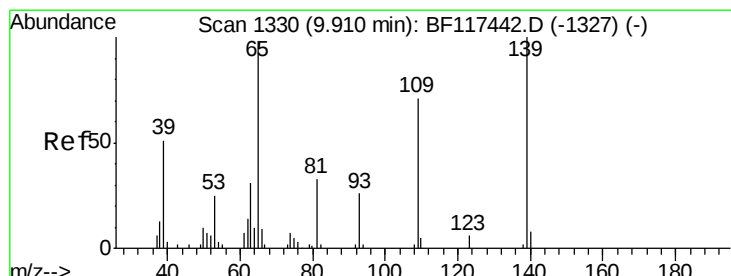
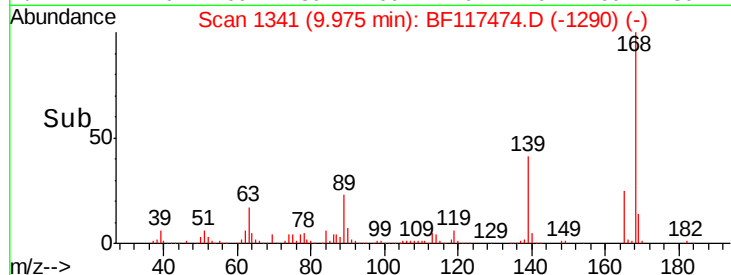
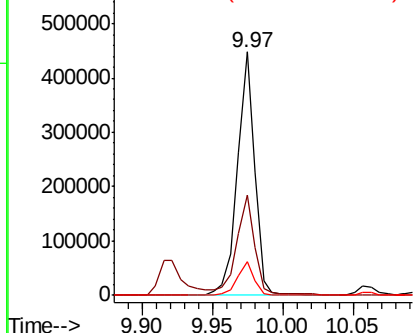
#55
Dibenzofuran
Concen: 44.183 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 384234
Ion Ratio Lower Upper
168 100
139 41.4 31.8 47.6
169 13.8 11.2 16.8

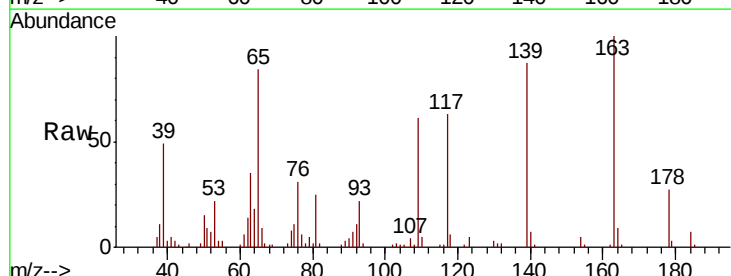


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

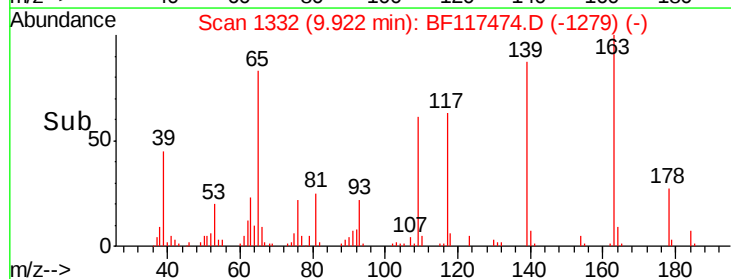
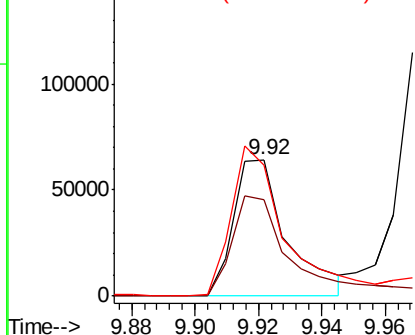


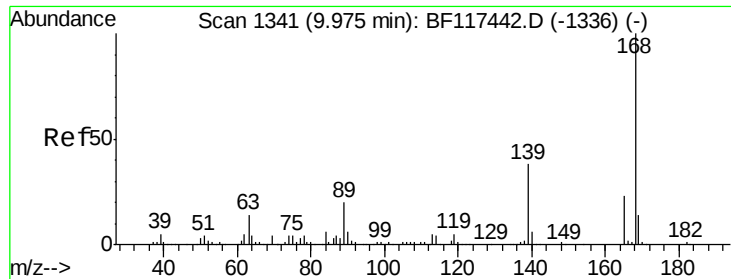
#56
4-Nitrophenol
Concen: 84.836 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:139 Resp: 75449
Ion Ratio Lower Upper
139 100
109 70.9 51.4 91.4
65 96.6 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

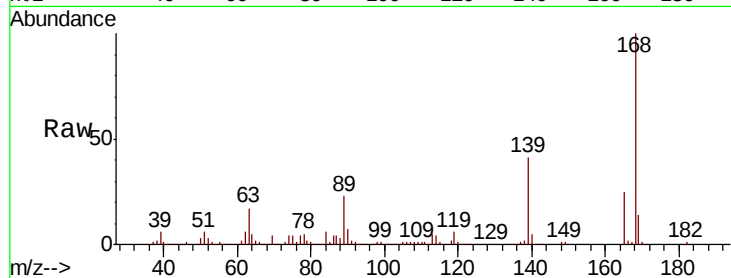




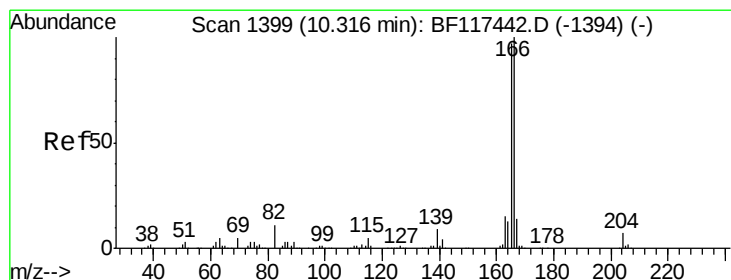
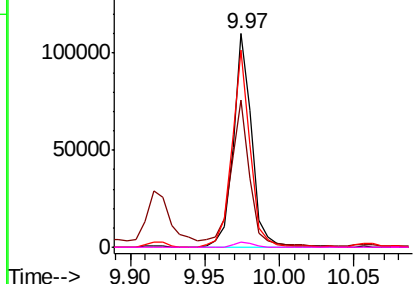
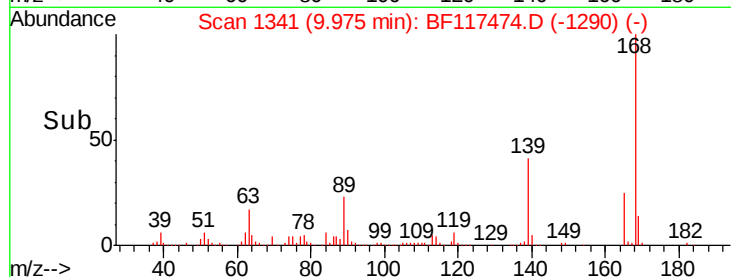
#57
 2,4-Dinitrotoluene
 Concen: 45.467 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 95959
 Ion Ratio Lower Upper
 165 100
 63 68.9 51.4 77.0
 89 92.4 69.9 104.9
 182 2.3 1.9 2.9

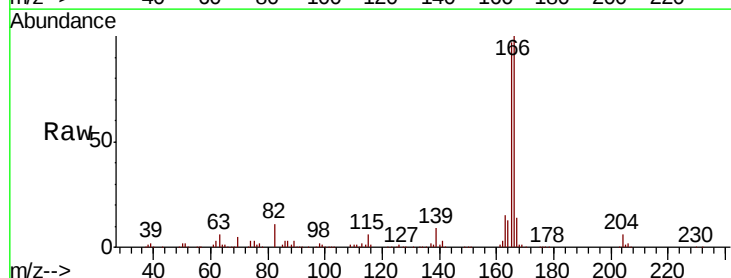


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

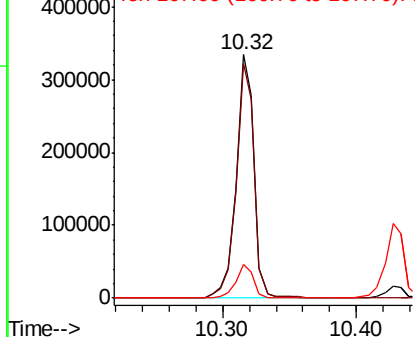
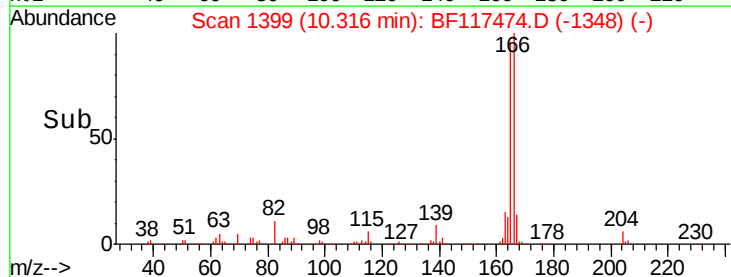


#58
 Fluorene
 Concen: 43.323 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:166 Resp: 311562
 Ion Ratio Lower Upper
 166 100
 165 96.6 77.6 116.4
 167 13.8 11.0 16.4



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

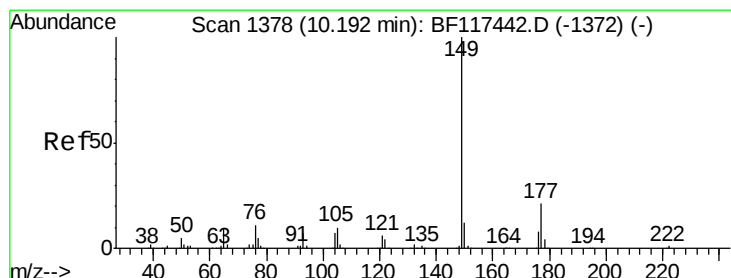
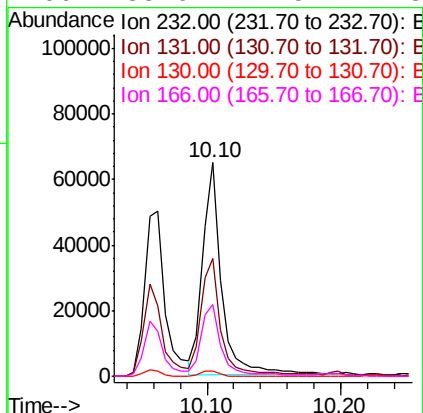
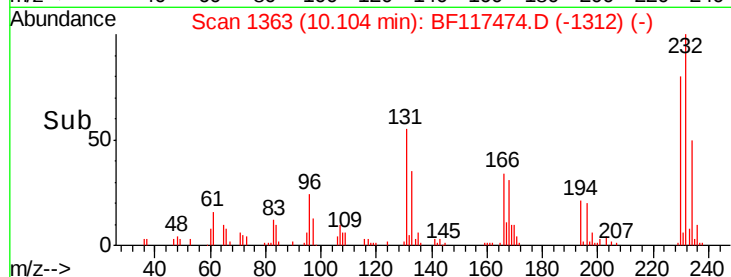
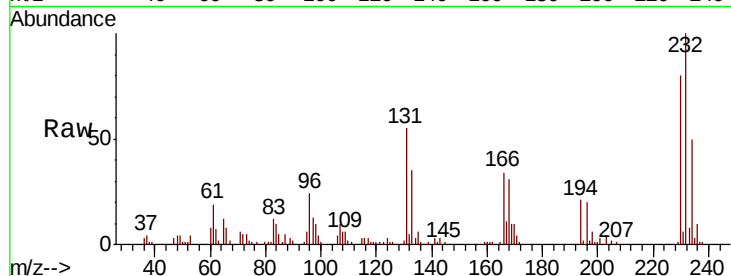




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.704 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

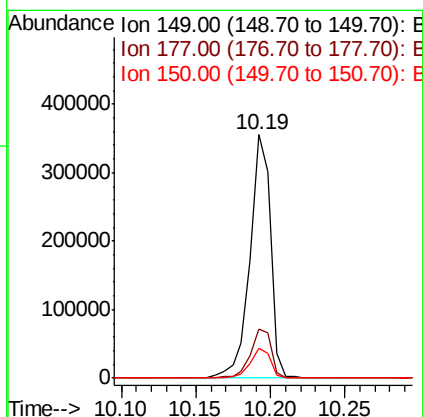
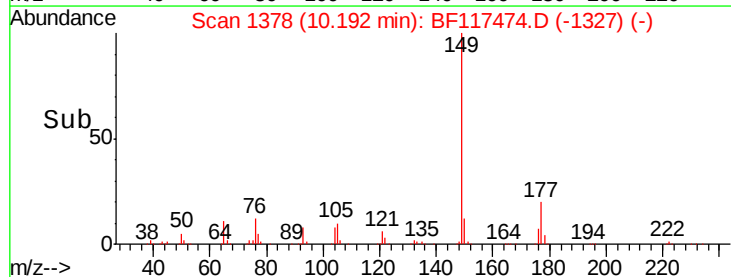
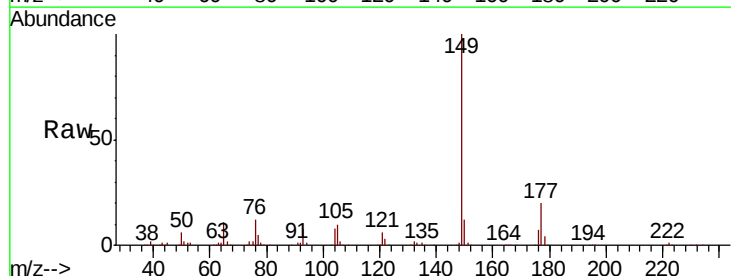
Instrument :
BNA_F
ClientSampleId :

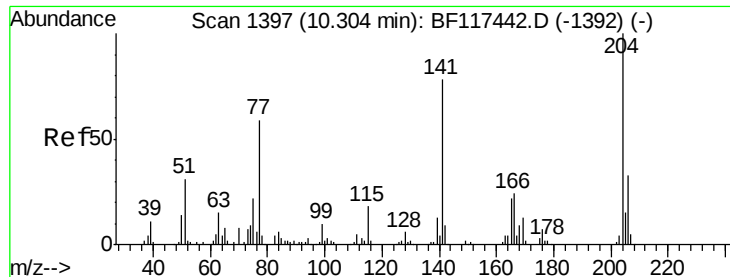
Tot Ion	Ratio	Lower	Upper
232	100		
131	54.3	42.6	63.8
130	2.4	2.2	3.4
166	35.6	27.5	41.3



#60
Diethylphthalate
Concen: 43.962 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	17.0	25.4
150	12.1	9.8	14.6

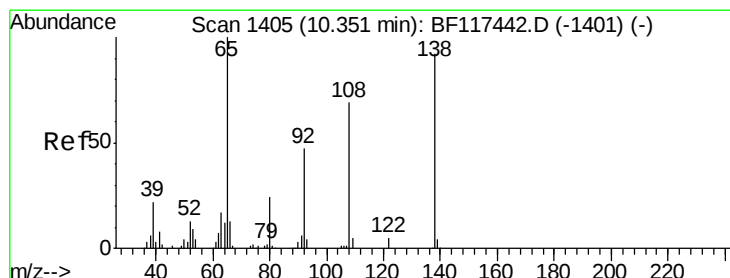
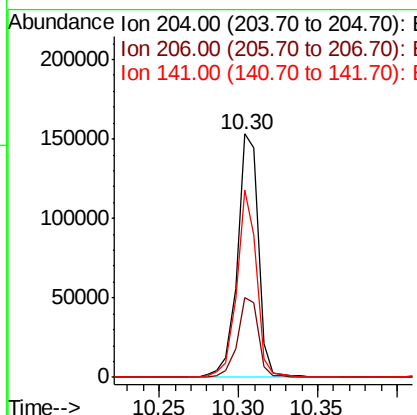
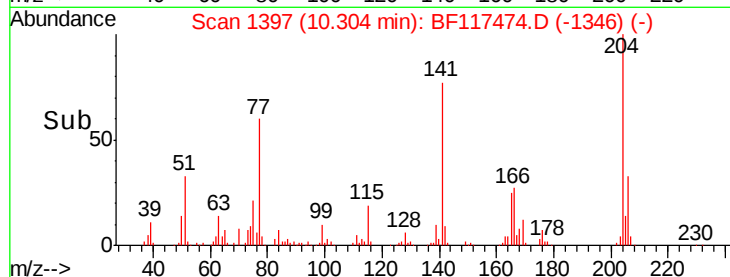
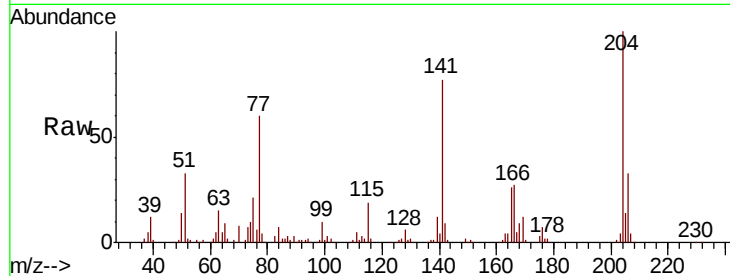




#61
 4-Chlorophenyl-phenylether
 Concen: 43.684 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

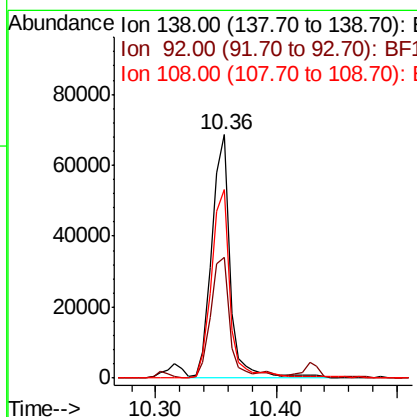
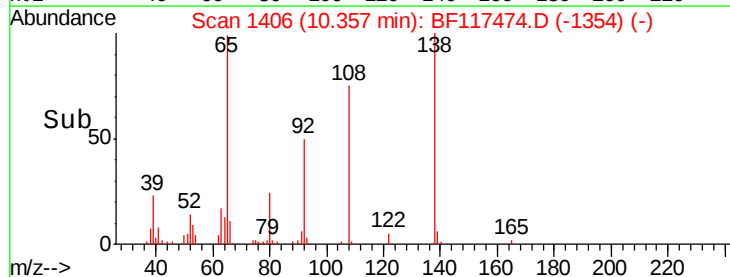
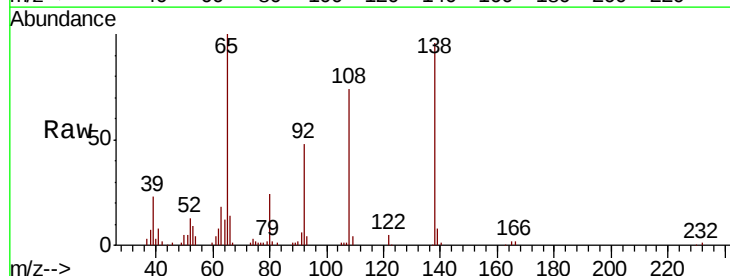
Instrument :
 BNA_F
 ClientSampleId :

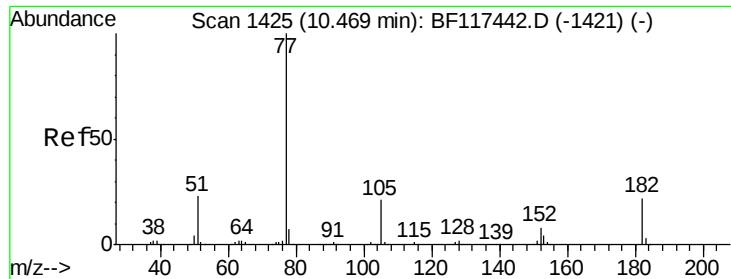
Tot Ion:	204	Resp:	140948
Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	76.7	62.2	93.4



#62
 4-Nitroaniline
 Concen: 39.885 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:	138	Resp:	72409
Ion	Ratio	Lower	Upper
138	100		
92	49.8	30.3	70.3
108	77.2	54.9	94.9





#63

Azobenzene

Concen: 45.628 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 359397

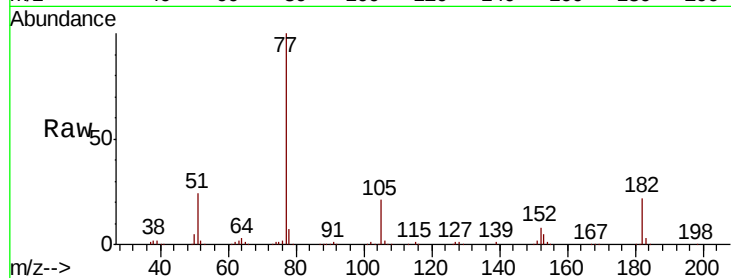
Ion Ratio Lower Upper

77 100

182 21.8 2.3 42.3

105 21.0 1.3 41.3

51 24.0 3.5 43.5

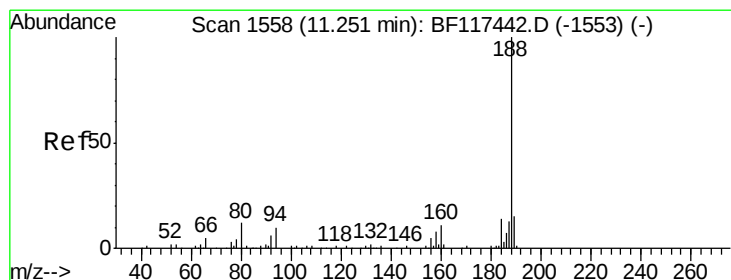
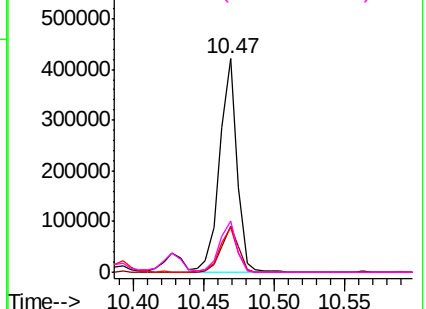
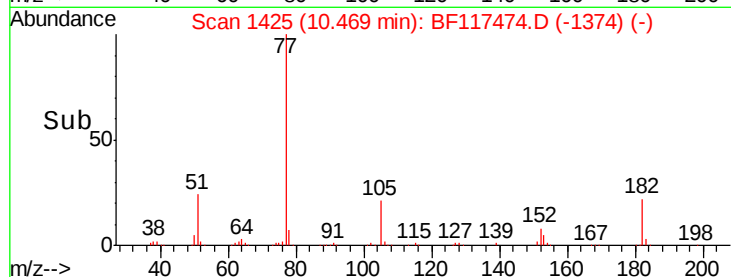


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

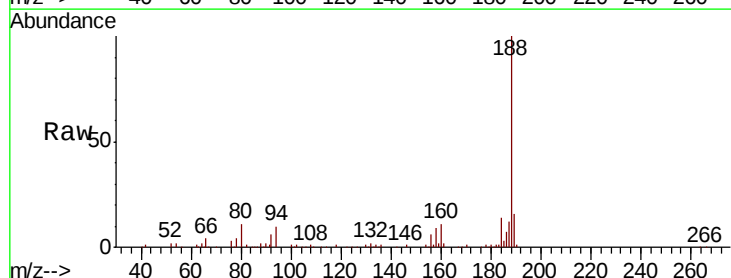
Tgt Ion: 188 Resp: 176057

Ion Ratio Lower Upper

188 100

94 10.1 8.0 12.0

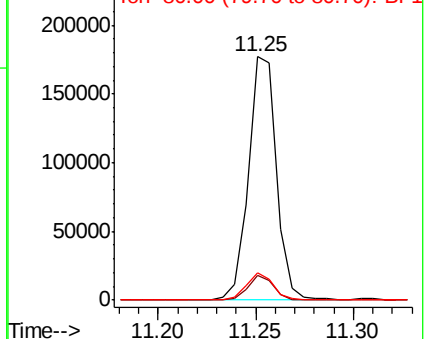
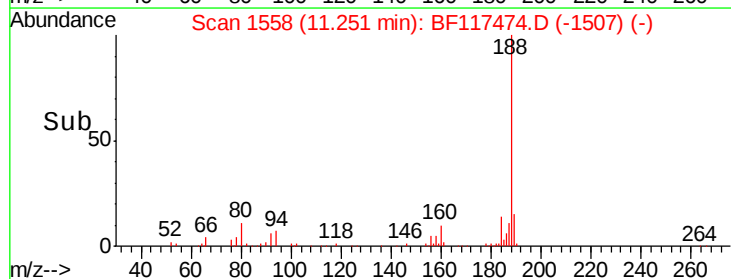
80 11.3 9.5 14.3

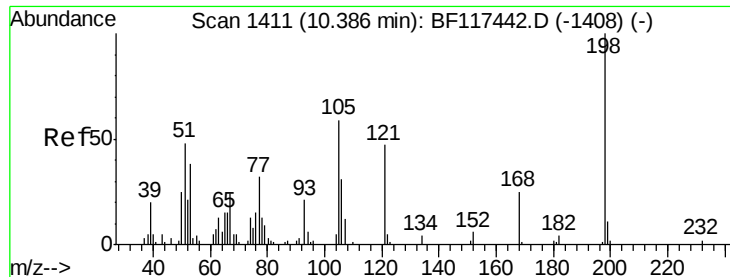


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 42.727 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

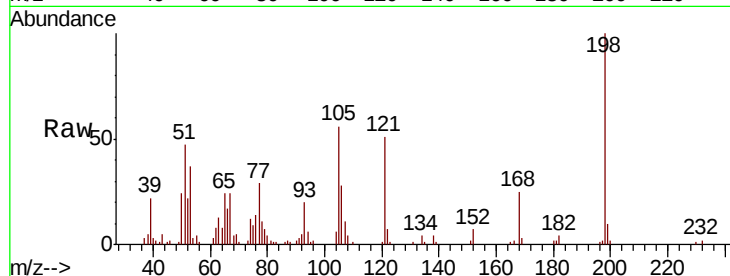
Tot Ion:198 Resp: 38246

Ion Ratio Lower Upper

198 100

51 47.1 29.1 69.1

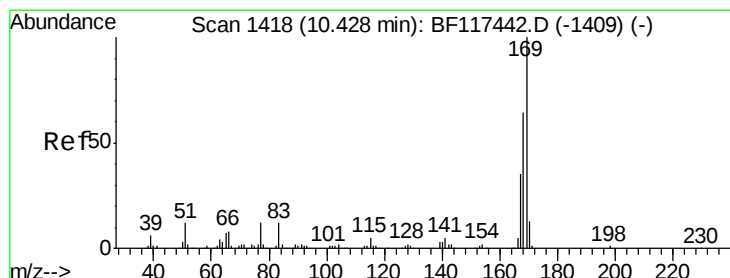
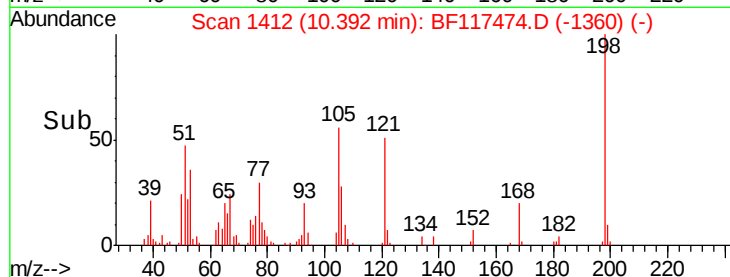
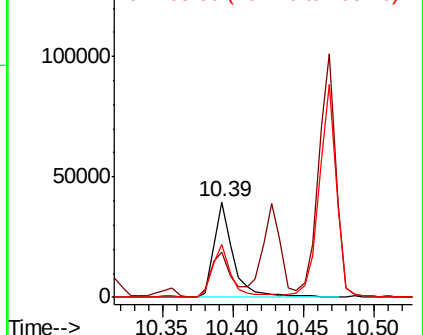
105 55.9 39.4 79.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.281 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

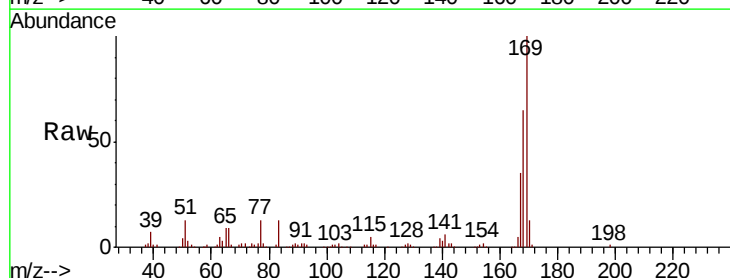
Tgt Ion:169 Resp: 278571

Ion Ratio Lower Upper

169 100

168 65.2 51.3 76.9

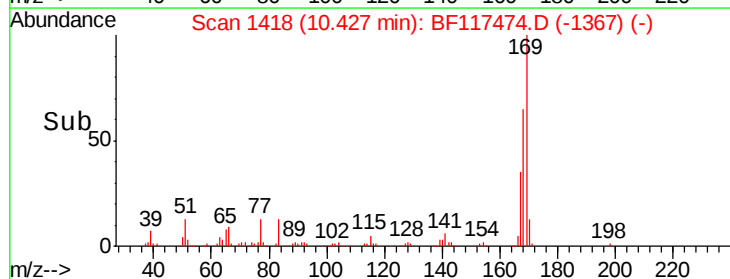
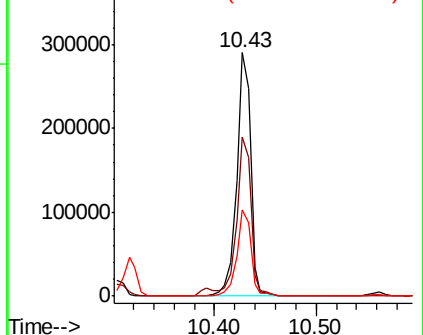
167 35.2 28.2 42.4

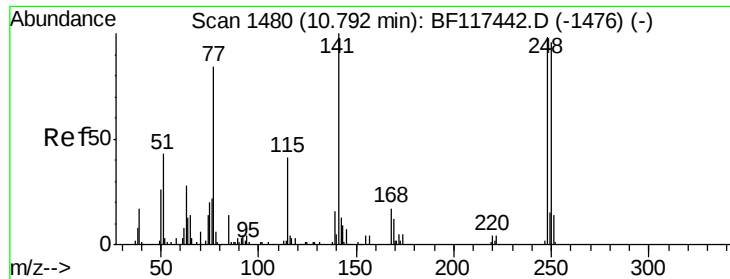


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

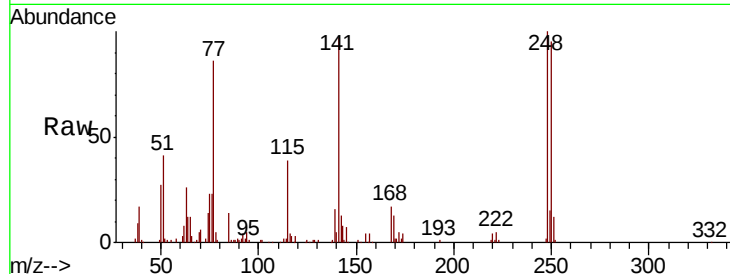




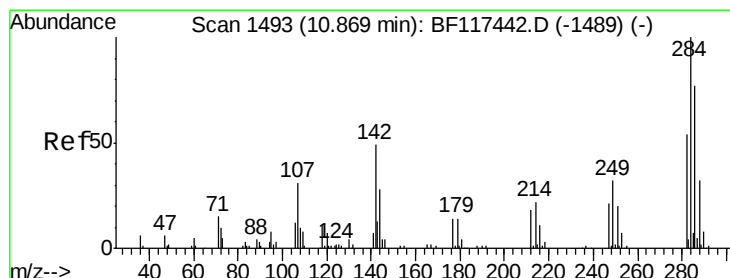
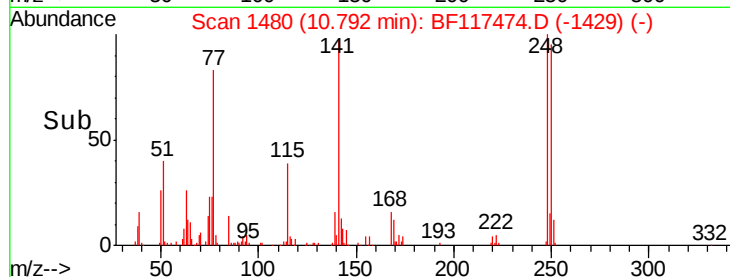
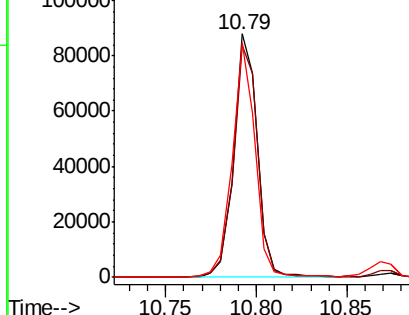
#67
4-Bromophenyl-phenylether
Concen: 41.893 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 79443
Ion Ratio Lower Upper
248 100
250 95.1 78.0 117.0
141 96.6 81.7 122.5

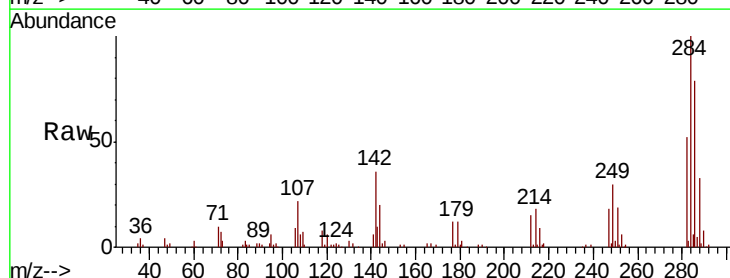


Abundance Ion 248.00 (247.70 to 248.70): E
120000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

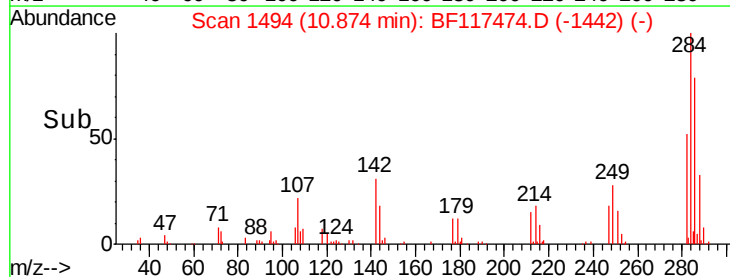
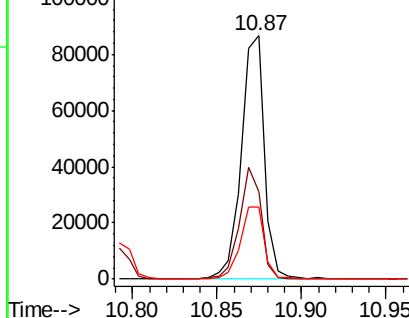


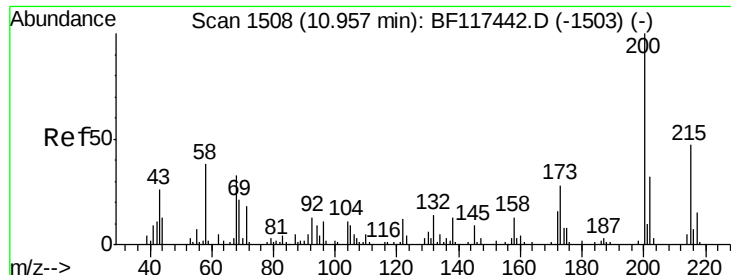
#68
Hexachlorobenzene
Concen: 40.880 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:284 Resp: 83023
Ion Ratio Lower Upper
284 100
142 35.7 39.0 58.6#
249 29.5 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
120000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

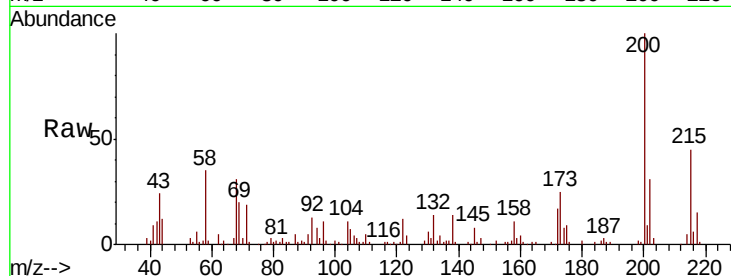




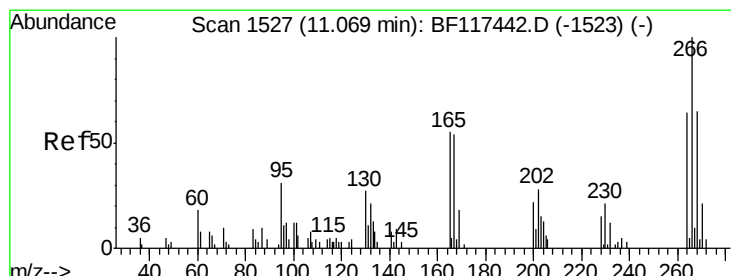
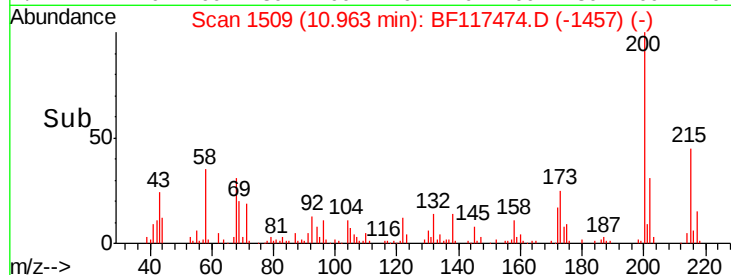
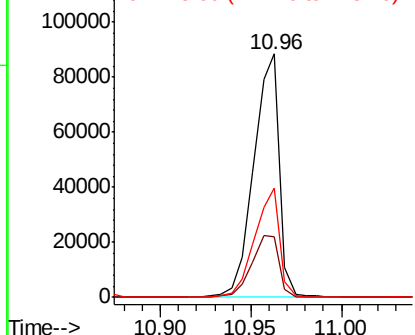
#69
Atrazine
Concen: 53.060 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	8.2	48.2
215	45.0	26.8	66.8

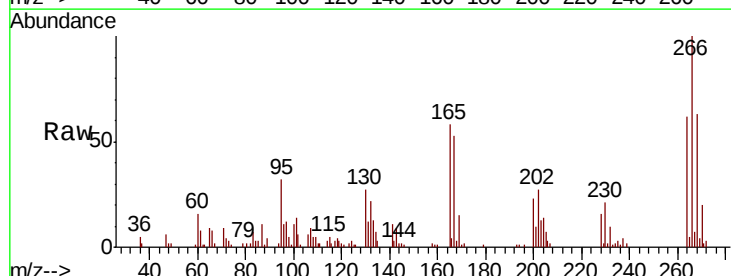


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

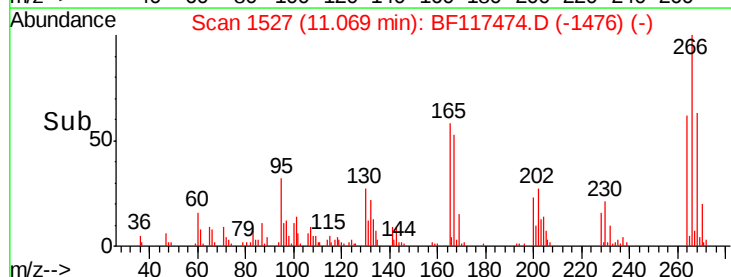
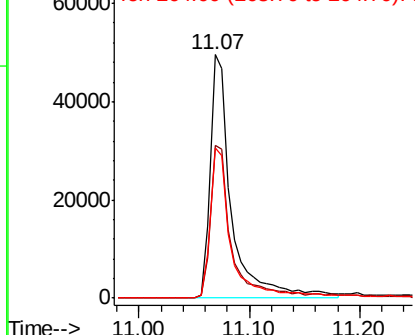


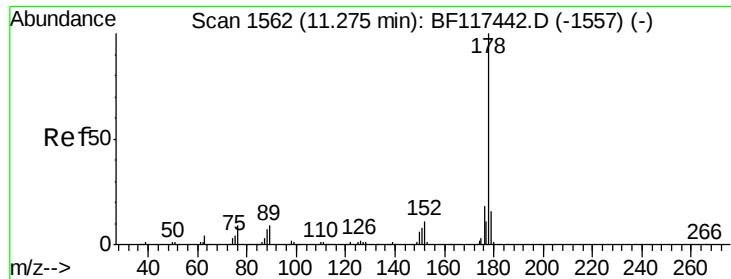
#70
Pentachlorophenol
Concen: 108.132 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.6	77.4
264	61.6	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: 42.871 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

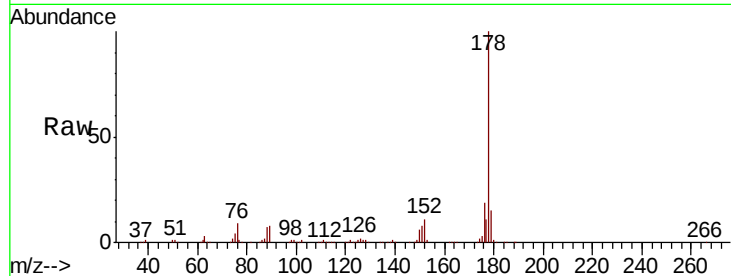
Tot Ion:178 Resp: 438270

Ion Ratio Lower Upper

178 100

176 18.9 14.6 22.0

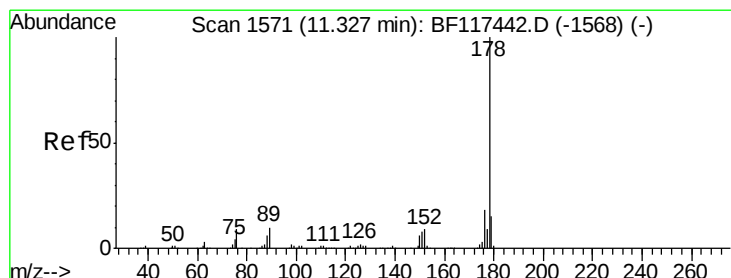
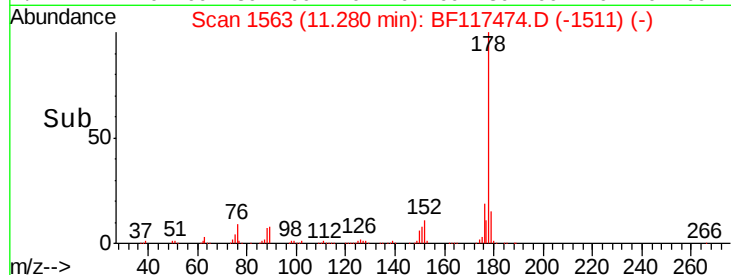
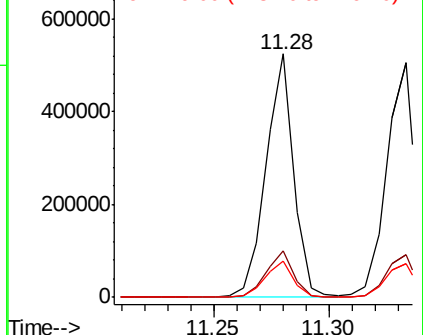
179 14.9 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.294 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

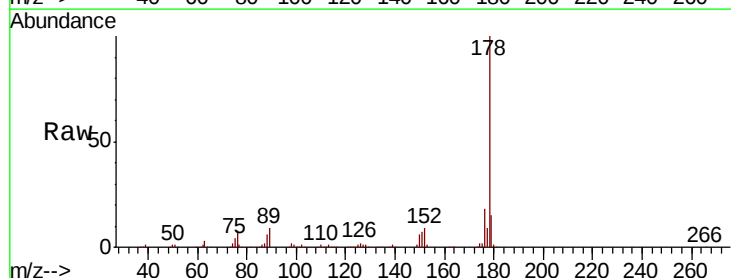
Tgt Ion:178 Resp: 454131

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

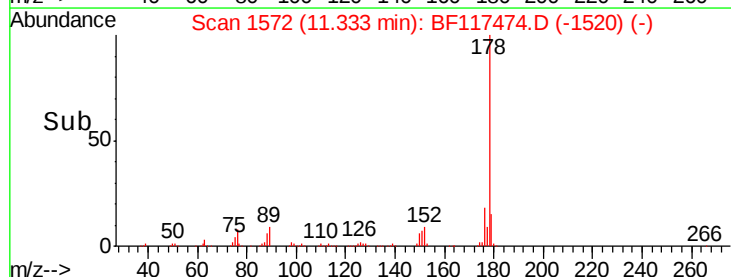
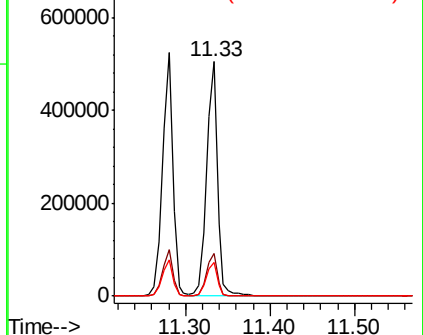
179 14.6 12.2 18.2

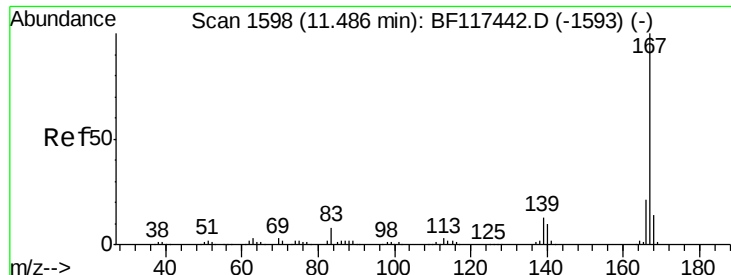


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

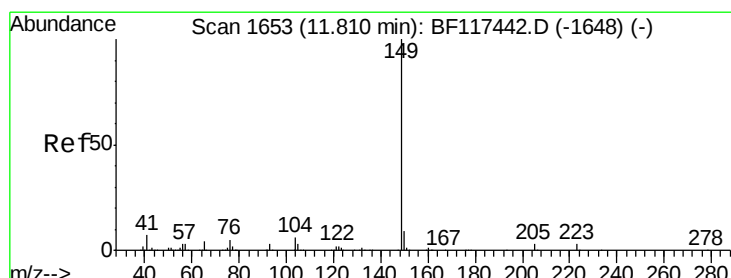
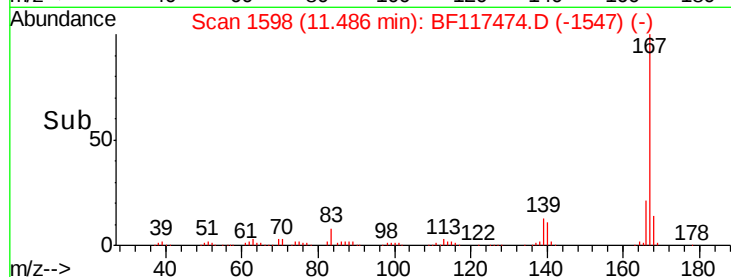
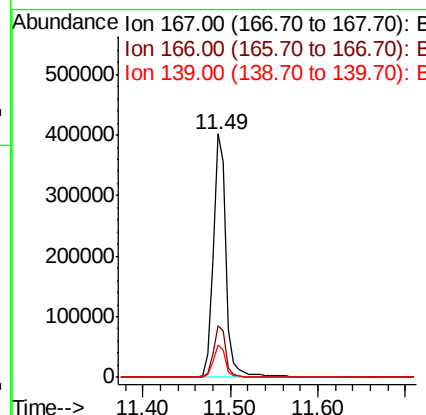
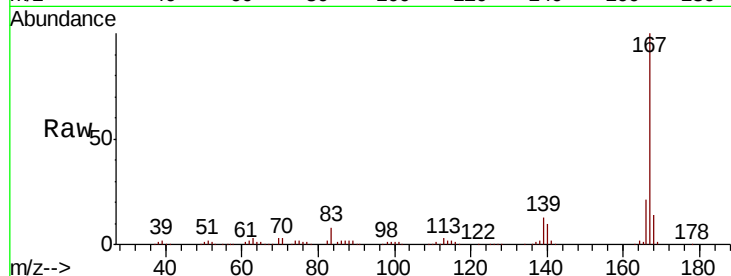




#73
 Carbazole
 Concen: 42.421 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

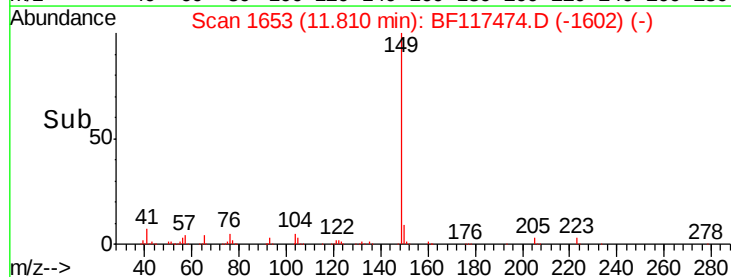
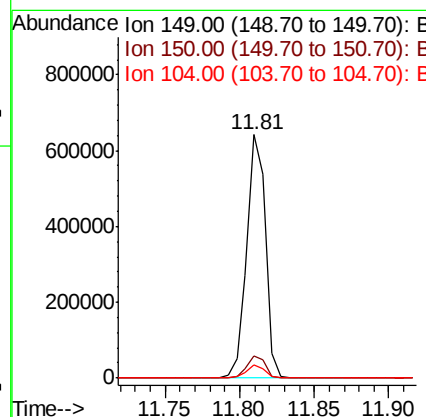
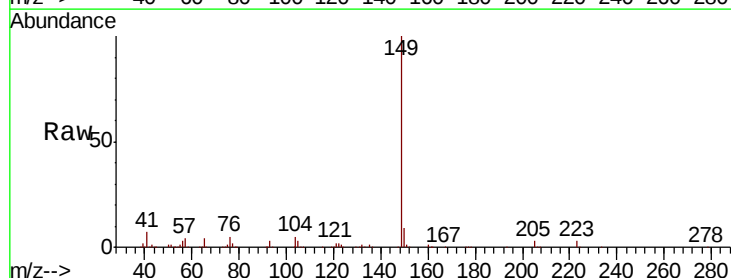
Instrument :
 BNA_F
 ClientSampleId :

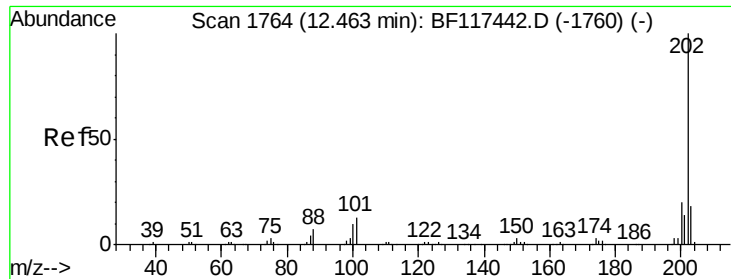
Tot Ion:167 Resp: 406648
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 13.3 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 43.701 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:149 Resp: 559747
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.2 4.6 6.8

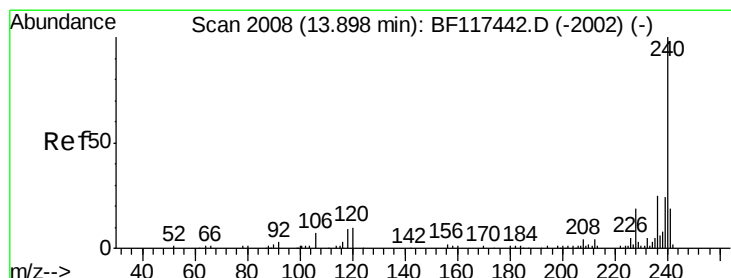
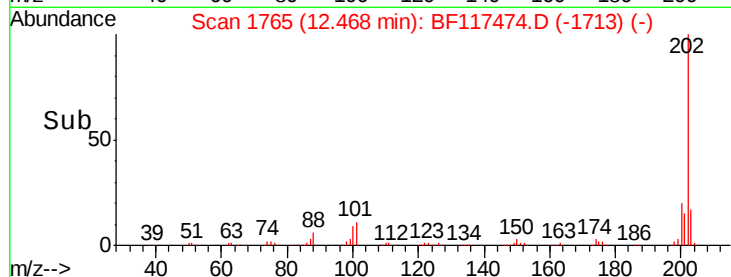
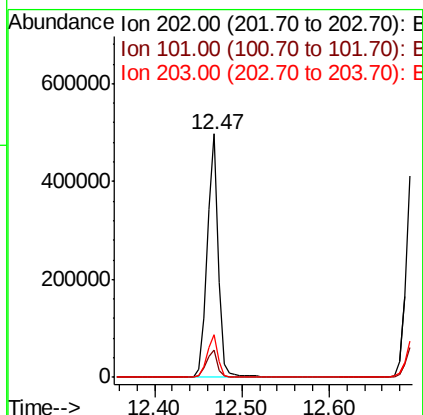
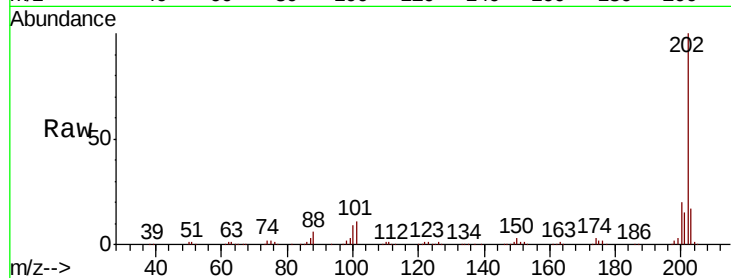




#75
Fluoranthene
Concen: 42.711 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

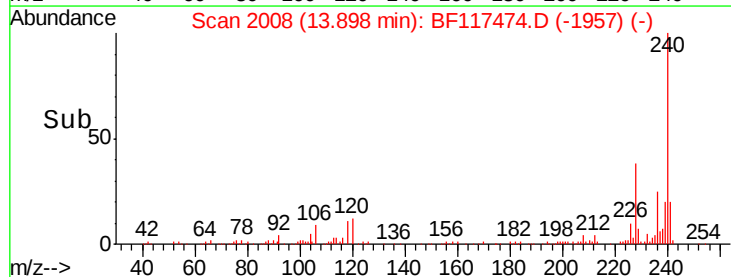
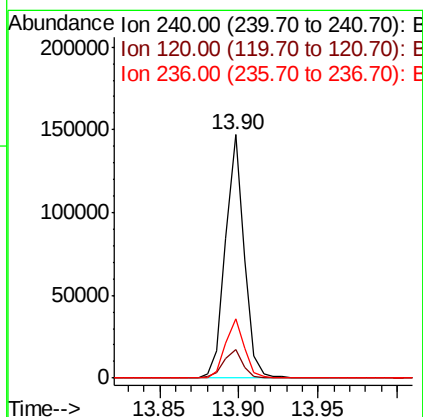
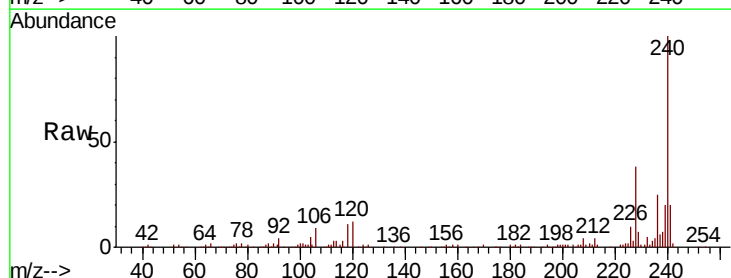
Instrument :
BNA_F
ClientSampleId :

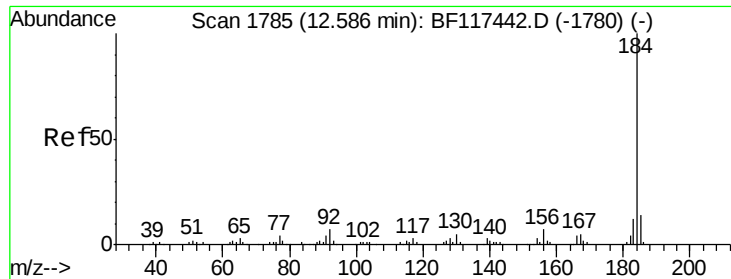
Tot Ion:202 Resp: 437100
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.7
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:240 Resp: 120344
Ion Ratio Lower Upper
240 100
120 11.7 8.4 12.6
236 24.6 20.0 30.0





#77

Benzidine

Concen: 70.498 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

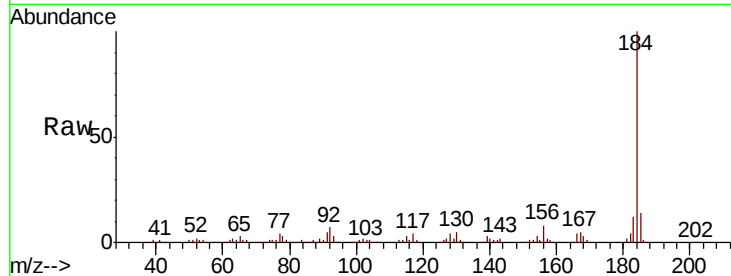
Tot Ion:184 Resp: 189488

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

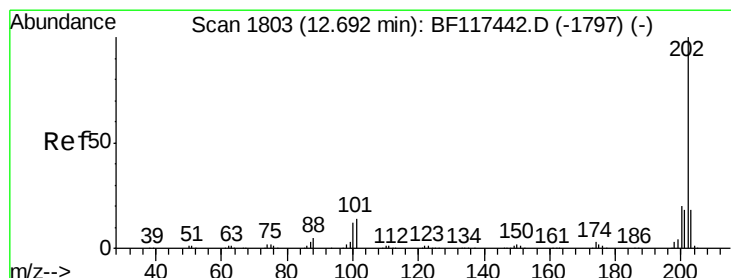
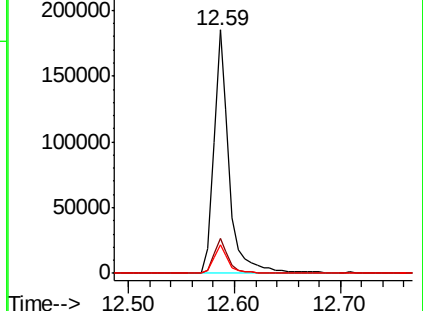
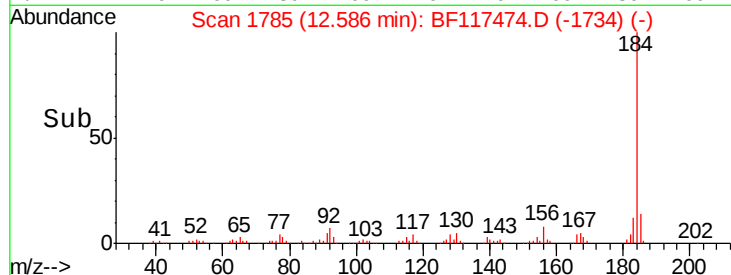
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.557 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

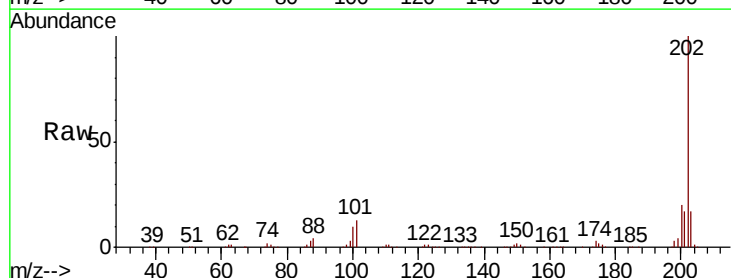
Tgt Ion:202 Resp: 439904

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.2

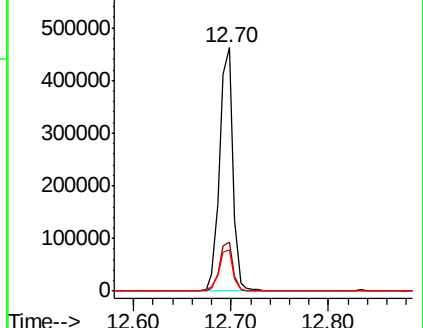
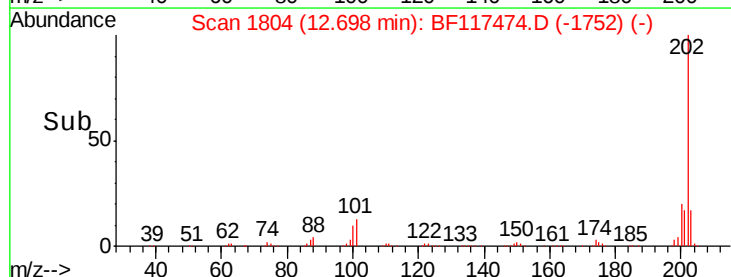
203 16.8 14.0 21.0

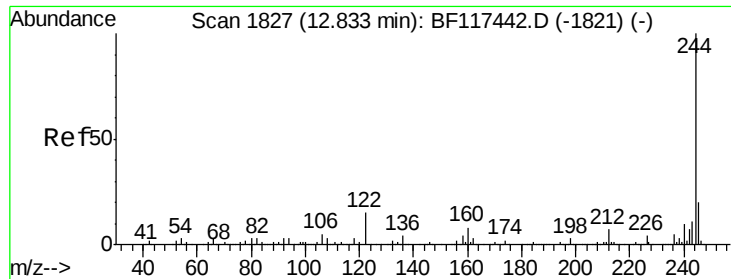


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

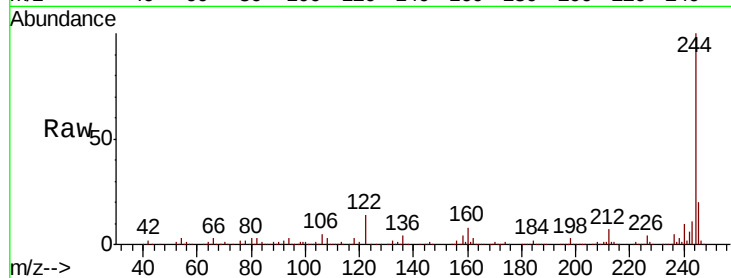




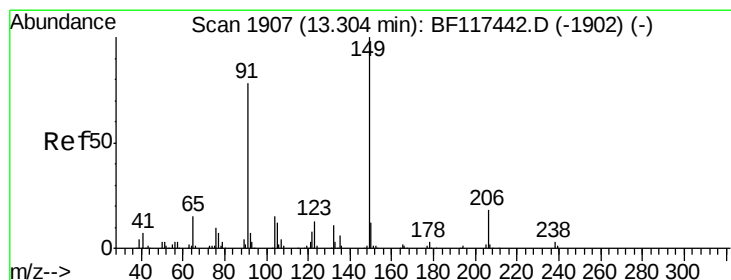
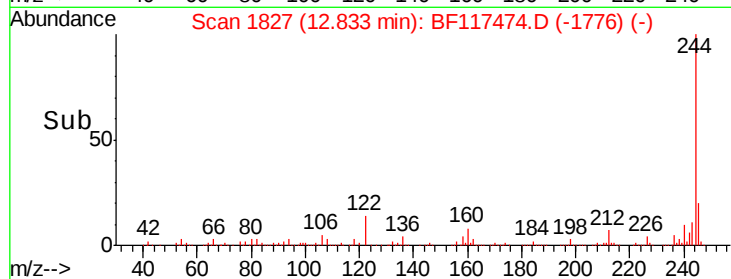
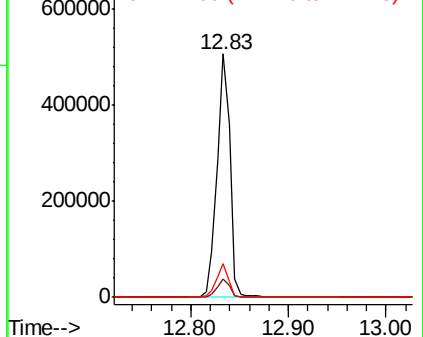
#79
 Terphenyl-d14
 Concen: 63.637 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 469512
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 13.7 11.8 17.8

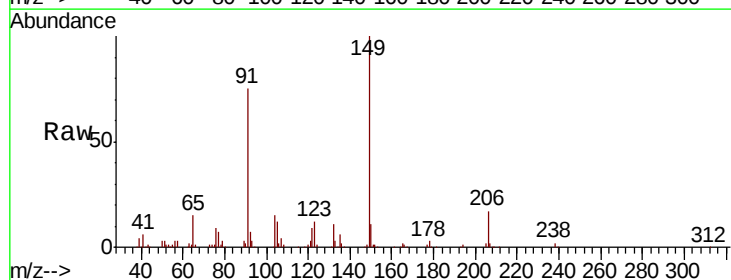


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

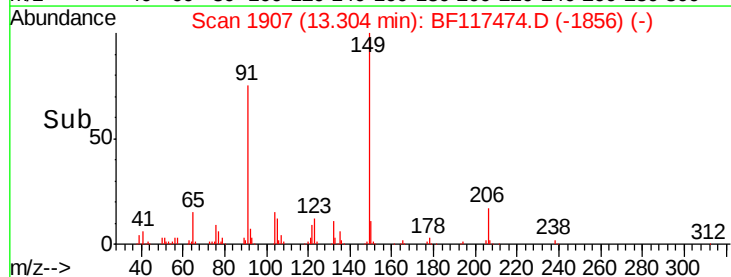
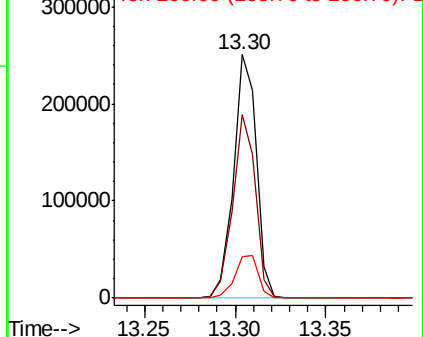


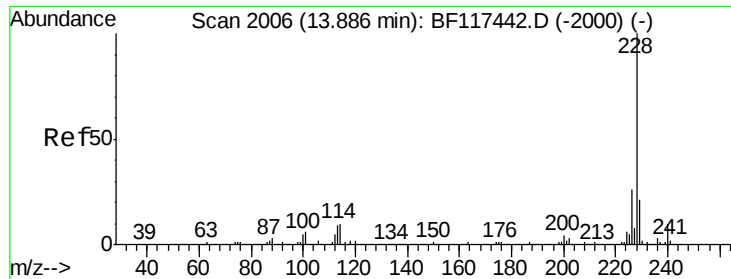
#80
 Butylbenzylphthalate
 Concen: 42.875 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:149 Resp: 220543
 Ion Ratio Lower Upper
 149 100
 91 75.5 62.1 93.1
 206 16.9 14.3 21.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

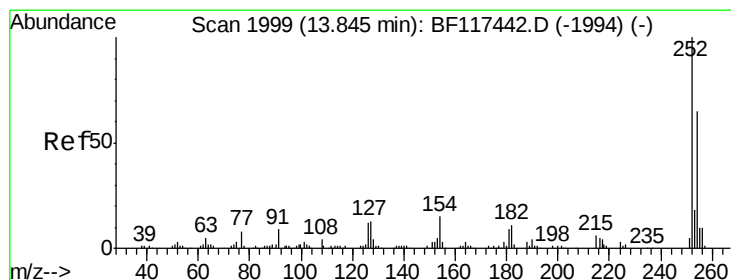
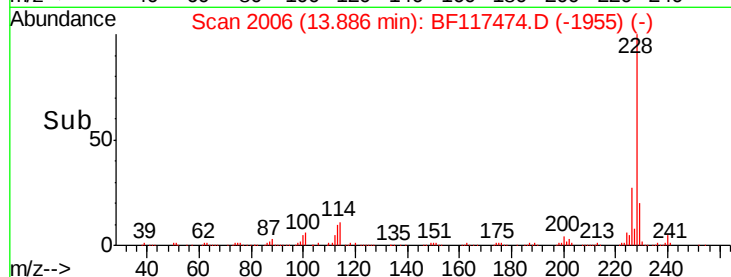
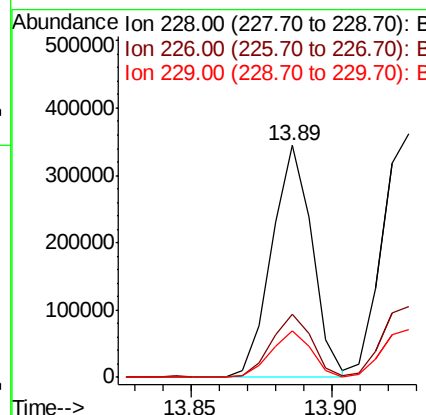
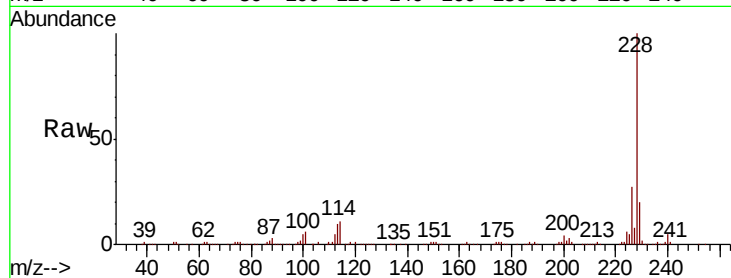




#81
Benzo(a)anthracene
Concen: 41.874 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

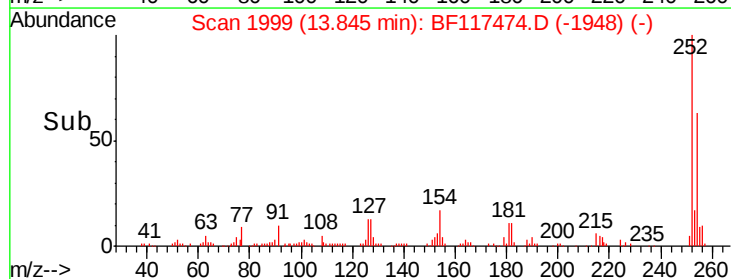
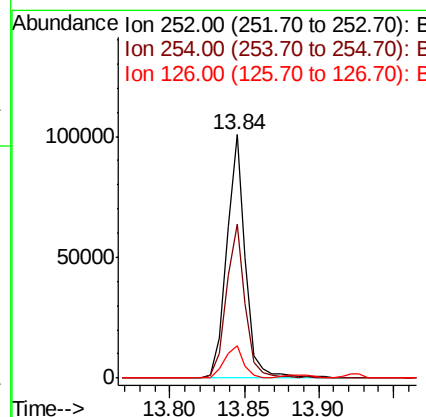
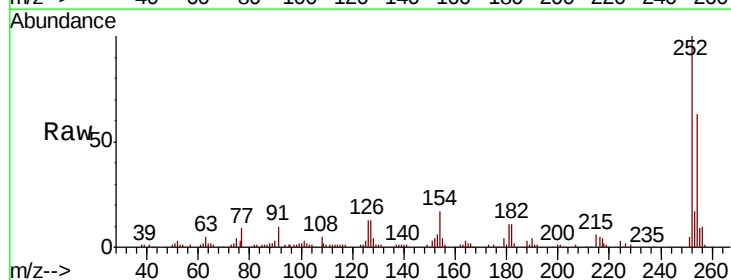
Instrument :
BNA_F
ClientSampled :

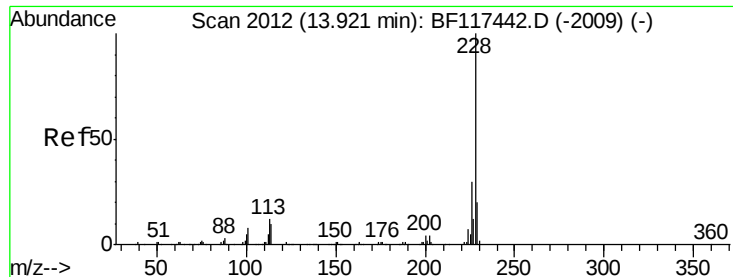
Tot Ion:228 Resp: 339916
Ion Ratio Lower Upper
228 100
226 27.1 21.0 31.4
229 20.3 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 34.819 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:252 Resp: 88694
Ion Ratio Lower Upper
252 100
254 63.2 52.2 78.4
126 13.3 9.2 13.8

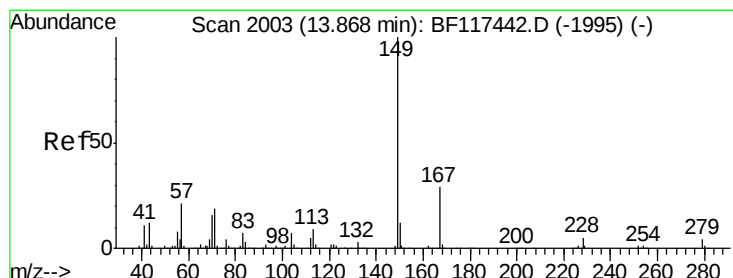
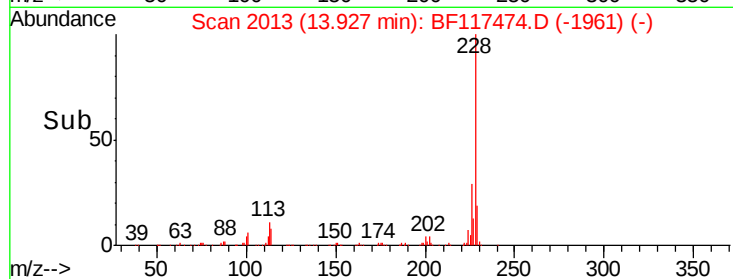
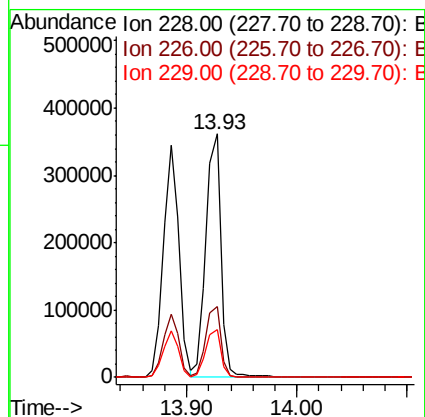
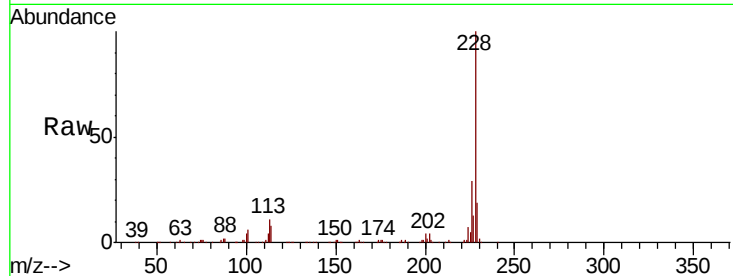




#83
 Chrvsene
 Concen: 42.060 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

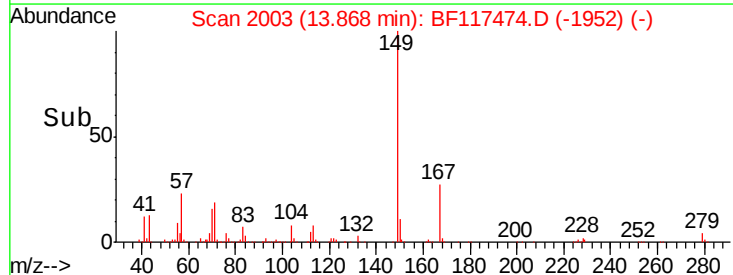
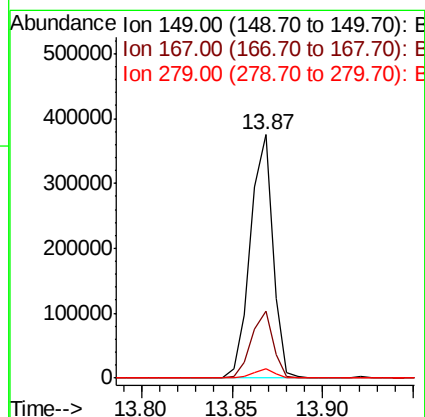
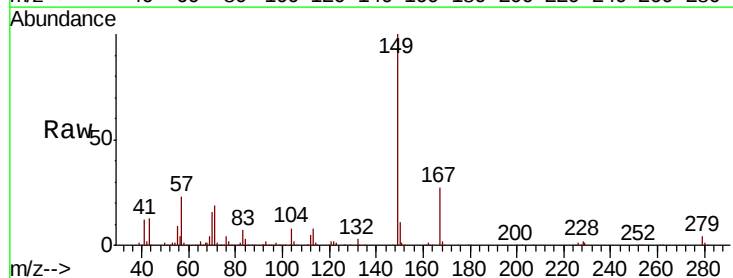
Instrument :
 BNA_F
 ClientSampleId :

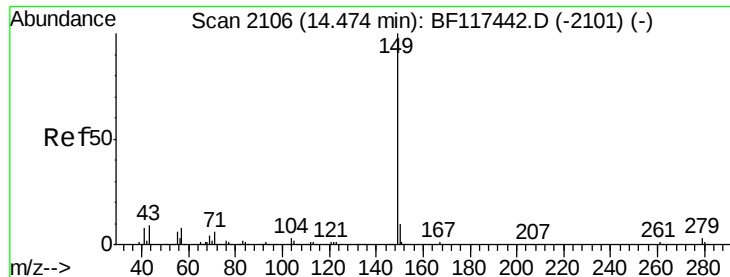
Tot Ion:228 Resp: 334624
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.9 35.9
 229 19.4 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.012 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF117474.D
 Acq: 22 Oct 2019 13:19

Tgt Ion:149 Resp: 324340
 Ion Ratio Lower Upper
 149 100
 167 27.4 23.3 34.9
 279 3.9 3.2 4.8

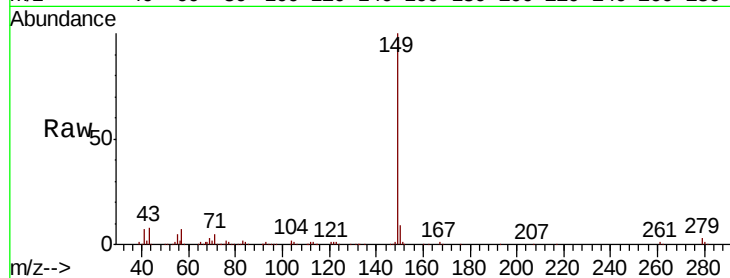




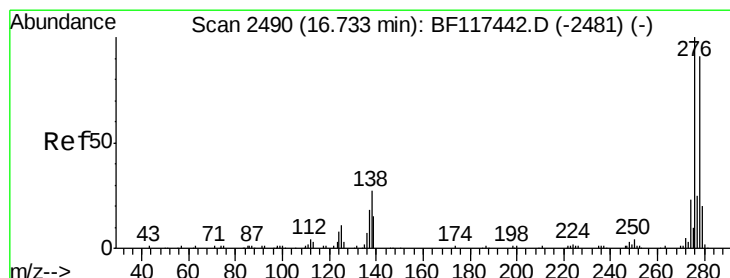
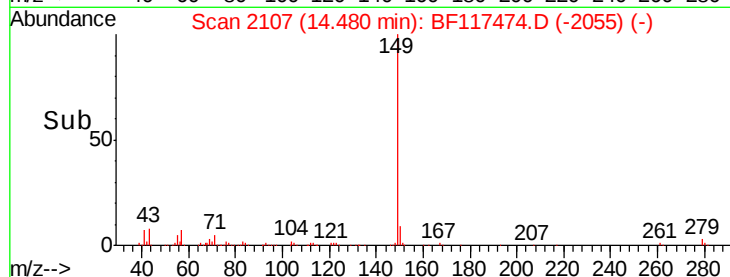
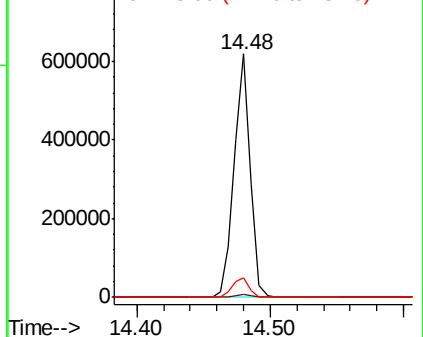
#85
Di-n-octyl phthalate
Concen: 47.476 ng
RT: 14.48 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	8.3	6.8	10.2

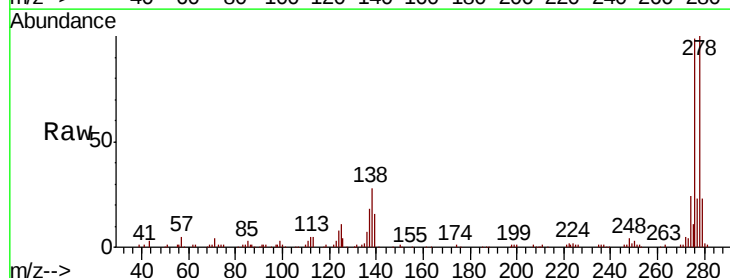


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

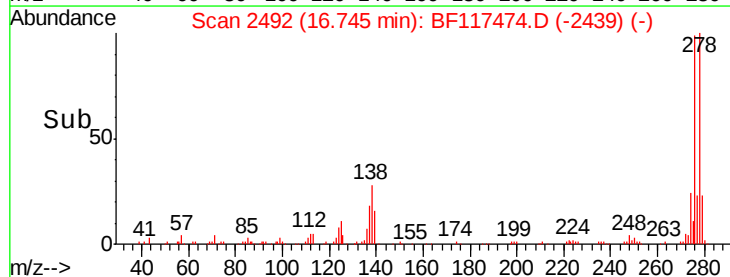
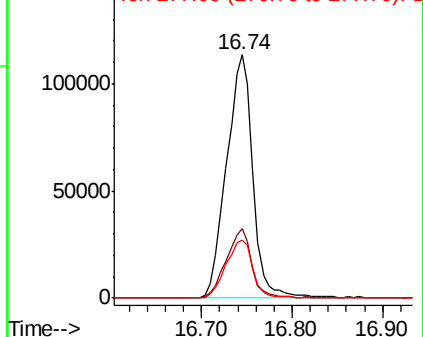


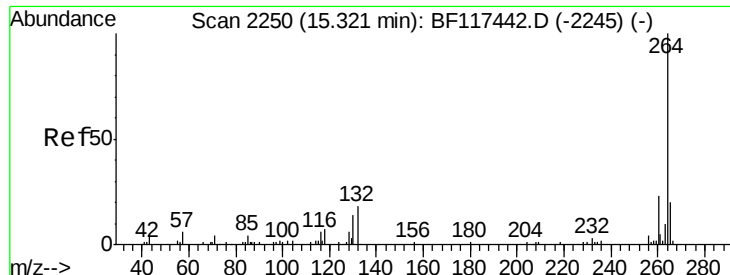
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.659 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.8
277	24.5	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

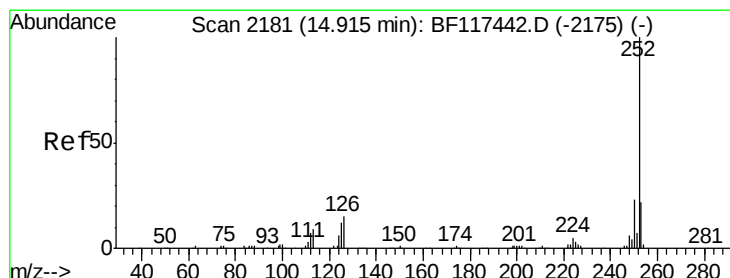
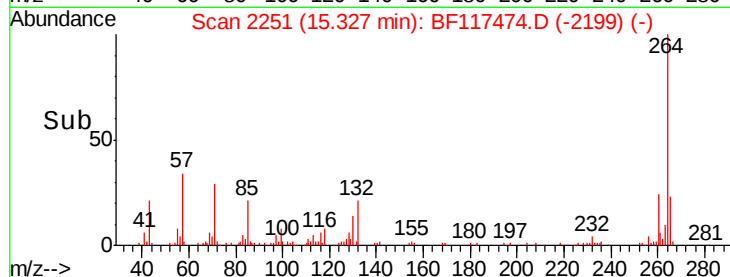
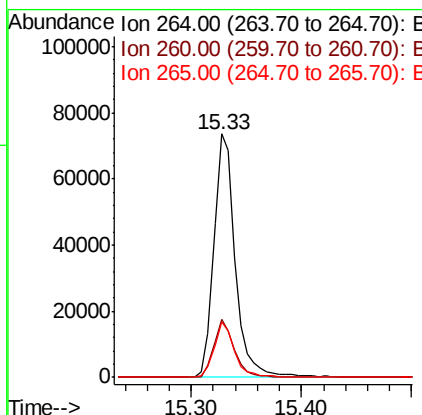
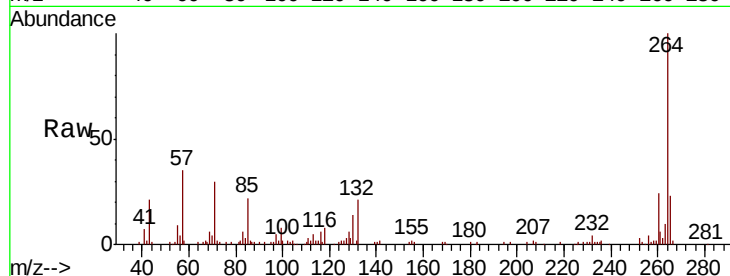




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

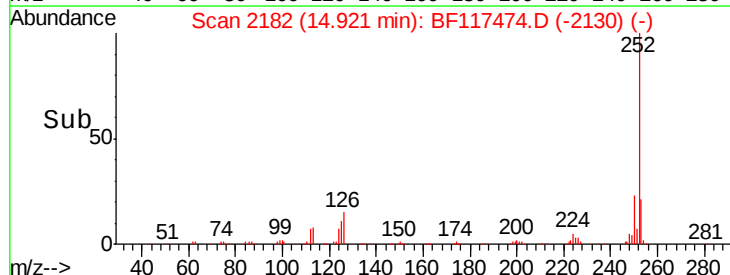
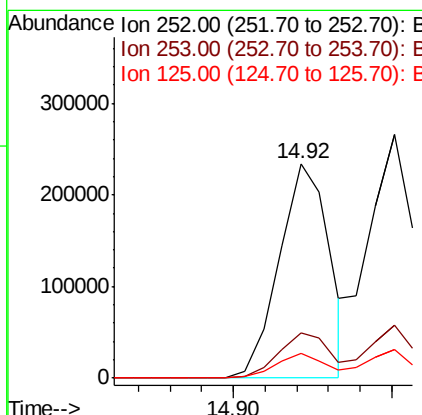
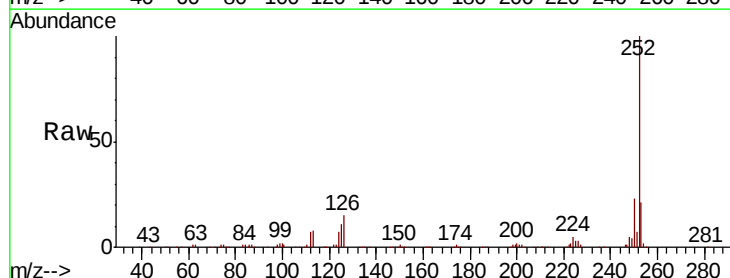
Instrument :
BNA_F
ClientSampleId :

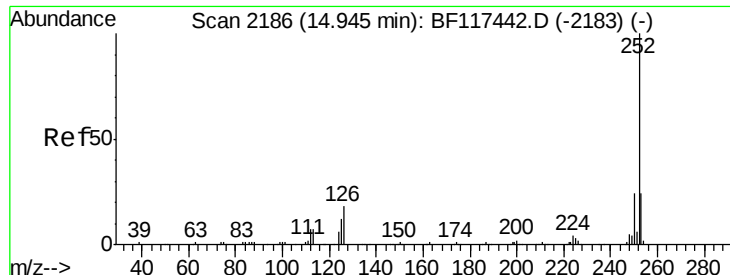
Tot Ion:264 Resp: 97940
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.6 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 44.576 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:252 Resp: 257804
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.6
125 11.4 9.9 14.9





#89

Benzo(k)fluoranthene

Concen: 46.879 ng

RT: 14.95 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

Instrument :

BNA_F

ClientSampleId :

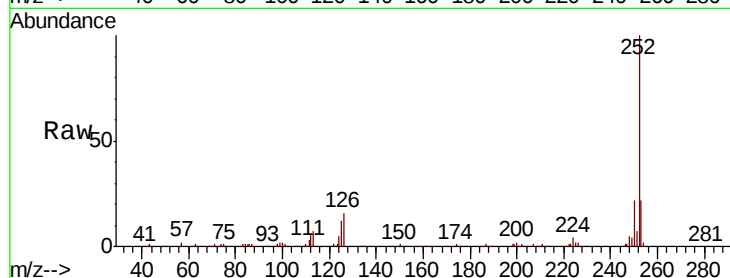
Tot Ion:252 Resp: 277887

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

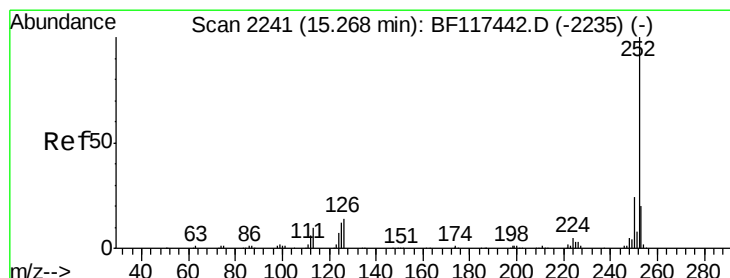
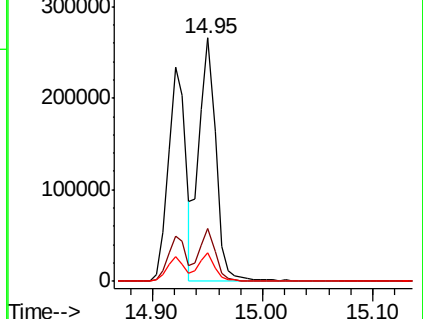
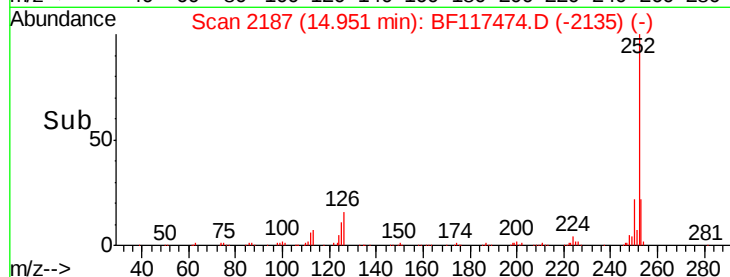
125 11.6 8.9 13.3



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



#90

Benzo(a)pyrene

Concen: 43.441 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117474.D

Acq: 22 Oct 2019 13:19

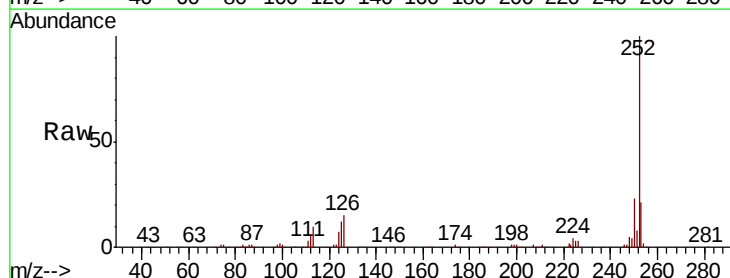
Tgt Ion:252 Resp: 228426

Ion Ratio Lower Upper

252 100

253 21.0 16.3 24.5

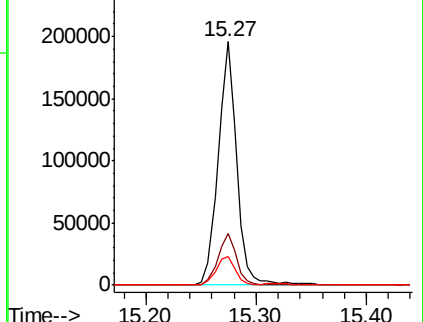
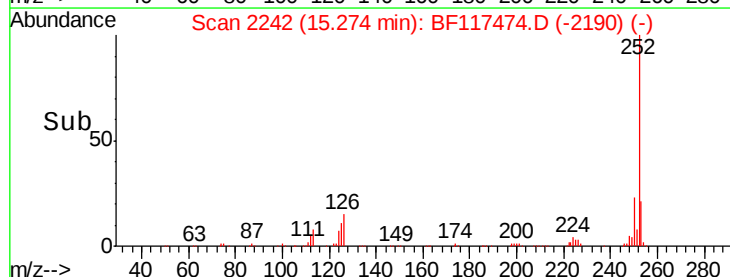
125 11.6 9.2 13.8

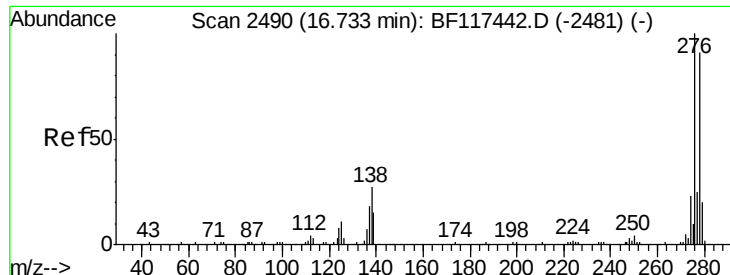


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

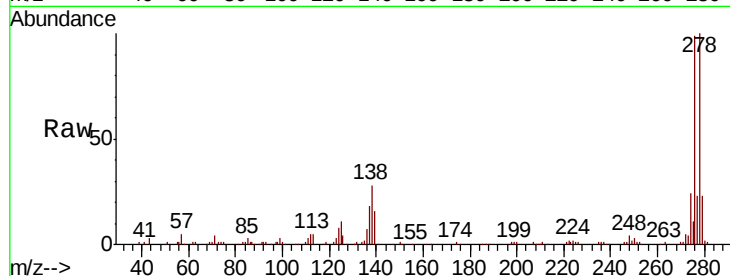




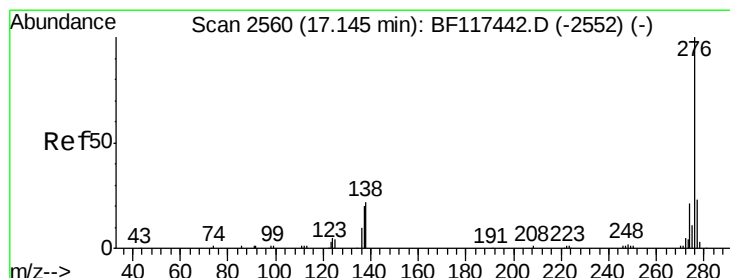
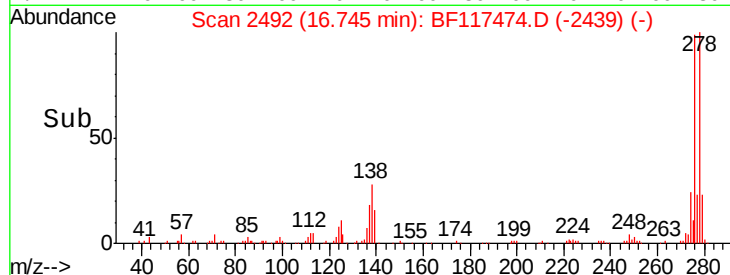
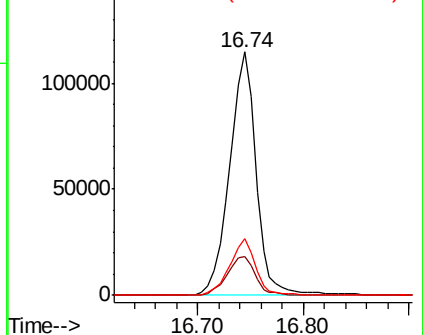
#91
Dibenzo(a,h)anthracene
Concen: 43.699 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 198689
Ion Ratio Lower Upper
278 100
139 15.7 13.4 20.0
279 23.2 17.8 26.6

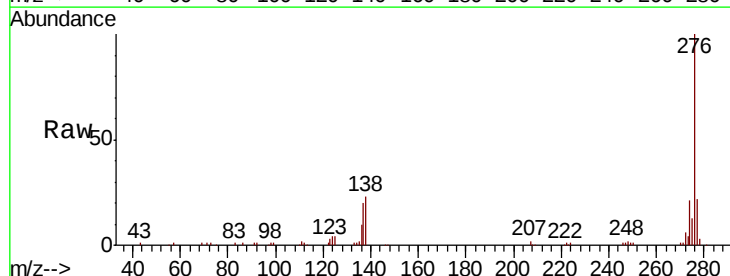


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.465 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117474.D
Acq: 22 Oct 2019 13:19

Tgt Ion:276 Resp: 186989
Ion Ratio Lower Upper
276 100
277 22.5 18.4 27.6
138 22.9 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

