

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117982.D
 Acq On : 25 Nov 2019 22:52
 Operator : JU
 Sample : K5999-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 03:53:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163542	20.00	ng	-0.04
21) Naphthalene-d8	8.18	136	663360	20.00	ng	-0.04
39) Acenaphthene-d10	9.95	164	373339	20.00	ng	-0.03
64) Phenanthrene-d10	11.43	188	709860	20.00	ng	-0.04
76) Chrysene-d12	14.09	240	457850	20.00	ng	-0.03
87) Perylene-d12	15.58	264	396146	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	895251	96.90	ng	-0.02
7) Phenol-d6	6.52	99	1183184	106.17	ng	-0.02
23) Nitrobenzene-d5	7.46	82	738616	66.19	ng	-0.04
42) 2,4,6-Tribromophenol	10.74	330	398543	100.83	ng	-0.03
45) 2-Fluorobiphenyl	9.26	172	1206707	57.99	ng	-0.04
79) Terphenyl-d14	13.02	244	1247951	49.81	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.78	88	136751	31.665	ng	95
3) Pyridine	3.52	79	346331	30.571	ng	97
4) n-Nitrosodimethylamine	3.48	42	179012	36.199	ng	99
6) Aniline	6.55	93	383113	26.016	ng	99
8) 2-Chlorophenol	6.67	128	436648	43.555	ng	98
9) Benzaldehyde	6.44	77	196191	23.953	ng	95
10) Phenol	6.53	94	538277	46.483	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	378234	40.673	ng	96
12) 1,3-Dichlorobenzene	6.83	146	475469	40.285	ng	98
13) 1,4-Dichlorobenzene	6.91	146	482324	40.429	ng	99
14) 1,2-Dichlorobenzene	7.06	146	455276	39.902	ng	100
15) Benzyl Alcohol	7.03	79	389780	45.304	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	480511	33.562	ng	96
17) 2-Methylphenol	7.15	107	367378	43.272	ng	99
18) Hexachloroethane	7.40	117	173786	39.653	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	294545	42.844	ng	98
20) 3+4-Methylphenols	7.29	107	453467	43.028	ng	# 82
22) Acetophenone	7.30	105	599987	40.258	ng	# 97
24) Nitrobenzene	7.47	77	459170	39.886	ng	98
25) Isophorone	7.72	82	836990	40.923	ng	97
26) 2-Nitrophenol	7.79	139	251218	44.834	ng	97
27) 2,4-Dimethylphenol	7.83	122	414504	47.607	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	503490	38.793	ng	99
29) 2,4-Dichlorophenol	8.03	162	394392	41.760	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	425148	38.809	ng	99
31) Naphthalene	8.20	128	1316443	42.569	ng	99
32) Benzoic acid	7.96	122	279854	38.387	ng	96
33) 4-Chloroaniline	8.25	127	176885	12.776	ng	96
34) Hexachlorobutadiene	8.32	225	247293	38.610	ng	99
36) 4-Chloro-3-methylphenol	8.73	107	428144	44.669	ng	95
37) 2-Methylnaphthalene	8.89	142	924418	44.241	ng	100
38) 1-Methylnaphthalene	8.99	142	867982	43.939	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	404384	37.297	ng	98
41) Hexachlorocyclopentadiene	9.05	237	503618	82.887	ng	99

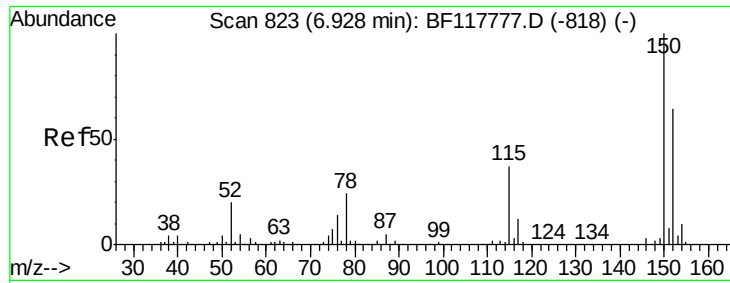
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112519\
 Data File : BF117982.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.17	196	303294	39.055	ng	98
44) 2,4,5-Trichlorophenol	9.22	196	311446	38.626	ng	99
46) 1,1'-Biphenyl	9.36	154	1124637	40.603	ng	98
47) 2-Chloronaphthalene	9.39	162	859309	37.712	ng	97
48) 2-Nitroaniline	9.48	65	254143	36.944	ng	95
49) Acenaphthylene	9.80	152	1380601	41.558	ng	99
50) Dimethylphthalate	9.67	163	1273792	48.655	ng	97
51) 2,6-Dinitrotoluene	9.73	165	237140	41.445	ng	88
52) Acenaphthene	9.98	154	818053	38.440	ng	99
53) 3-Nitroaniline	9.89	138	125917	18.391	ng	97
54) 2,4-Dinitrophenol	10.00	184	227935	77.754	ng	89
55) Dibenzofuran	10.15	168	1215734	41.254	ng	98
56) 4-Nitrophenol	10.06	139	400761	78.420	ng	92
57) 2,4-Dinitrotoluene	10.13	165	316606	43.499	ng	98
58) Fluorene	10.50	166	939111	41.123	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	264319	39.897	ng	97
60) Diethylphthalate	10.37	149	1064172	41.693	ng	100
61) 4-Chlorophenyl-phenylether	10.49	204	469679	40.527	ng	99
62) 4-Nitroaniline	10.52	138	233425	34.051	ng	95
63) Azobenzene	10.65	77	934746	40.255	ng	97
65) 4,6-Dinitro-2-methylphenol	10.55	198	157957	47.665	ng	98
66) n-Nitrosodiphenylamine	10.60	169	844353	40.871	ng	98
67) 4-Bromophenyl-phenylether	10.97	248	303087	39.571	ng	# 89
68) Hexachlorobenzene	11.05	284	345995	38.740	ng	98
69) Atrazine	11.13	200	301614	44.382	ng	97
70) Pentachlorophenol	11.24	266	381631	73.140	ng	100
71) Phenanthrene	11.46	178	1400693	39.247	ng	98
72) Anthracene	11.52	178	1448790	40.943	ng	99
73) Carbazole	11.66	167	1264614	40.897	ng	99
74) Di-n-butylphthalate	11.99	149	1643104	42.678	ng	99
75) Fluoranthene	12.65	202	1417381	43.333	ng	99
77) Benzidine	12.77	184	663516	44.242	ng	98
78) Pyrene	12.88	202	1411215	38.140	ng	100
80) Butylbenzylphthalate	13.50	149	668214	42.047	ng	96
81) Benzo(a)anthracene	14.07	228	1188477	39.281	ng	99
82) 3,3'-Dichlorobenzidine	14.03	252	281727	26.620	ng	99
83) Chrysene	14.12	228	1123628	38.326	ng	98
84) Bis(2-ethylhexyl)phthalate	14.06	149	928638	48.199	ng	99
85) Di-n-octyl phthalate	14.67	149	1486069	52.502	ng	98
86) Indeno(1,2,3-cd)pyrene	17.10	276	890198	35.676	ng	98
88) Benzo(b)fluoranthene	15.14	252	999494	38.834	ng	99
89) Benzo(k)fluoranthene	15.17	252	976313	40.259	ng	98
90) Benzo(a)pyrene	15.52	252	852927	37.686	ng	99
91) Dibenzo(a,h)anthracene	17.12	278	754988	38.757	ng	97
92) Benzo(g,h,i)perylene	17.56	276	727652	37.503	ng	98

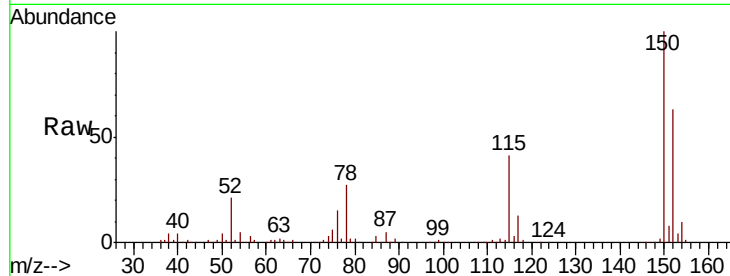
(#) = qualifier out of range (m) = manual integration (+) = signals summed



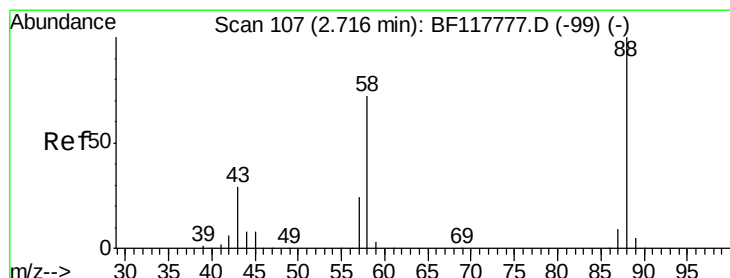
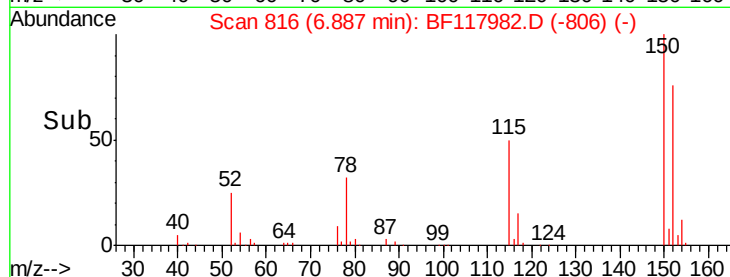
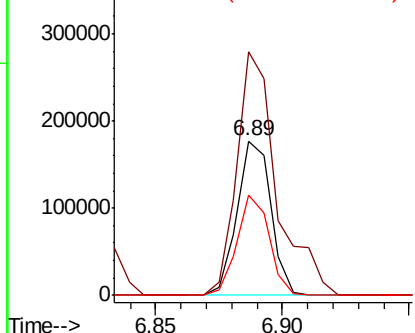
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 163542
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.3 187.9
 115 64.7 47.0 70.4

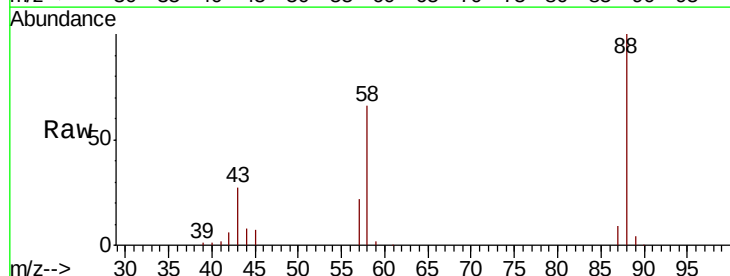


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

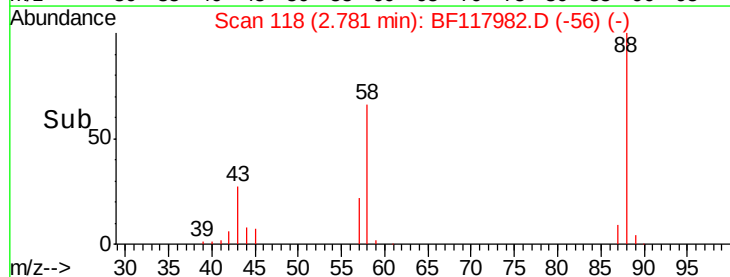
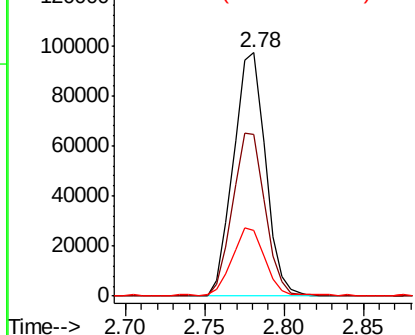


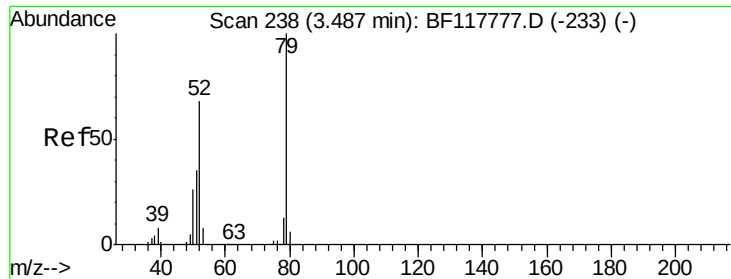
#2
 1,4-Dioxane
 Concen: 31.665 ng
 RT: 2.78 min Scan# 118
 Delta R.T. 0.06 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion: 88 Resp: 136751
 Ion Ratio Lower Upper
 88 100
 58 67.5 58.2 87.2
 43 28.4 23.3 34.9



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: 30.571 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

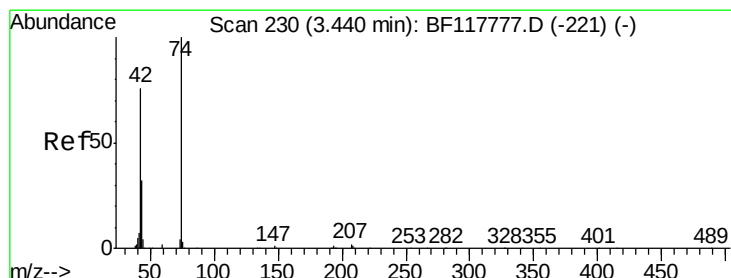
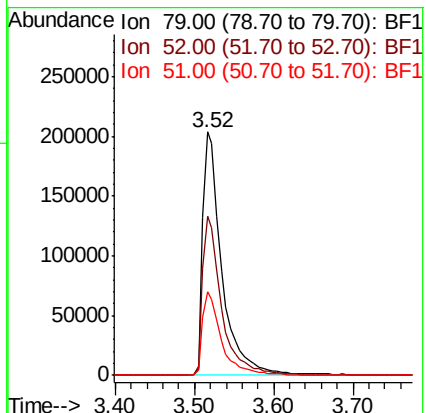
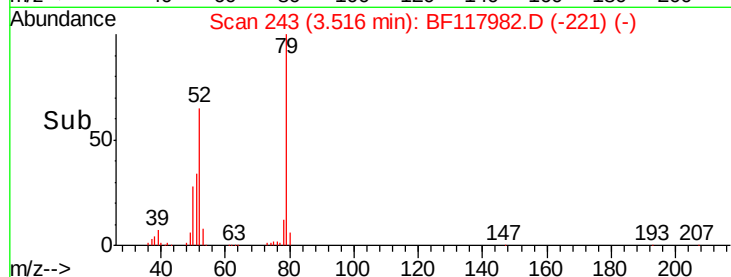
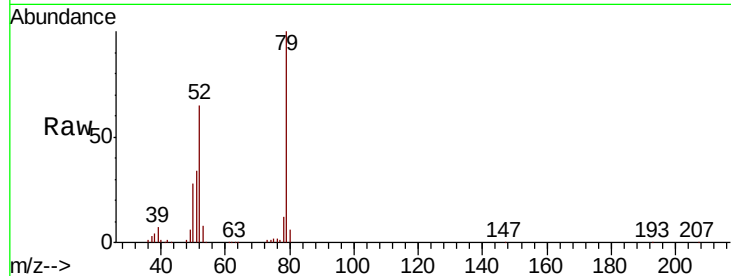
Tot Ion: 79 Resp: 346331

Ion Ratio Lower Upper

79 100

52 65.3 54.8 82.2

51 34.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 36.199 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

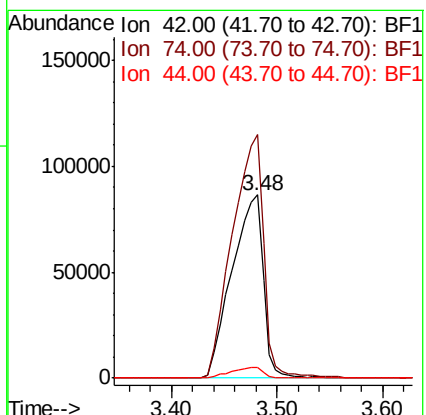
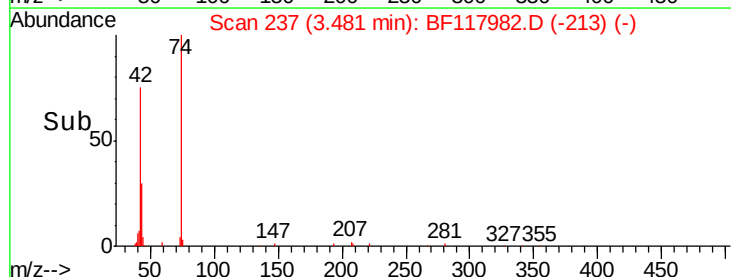
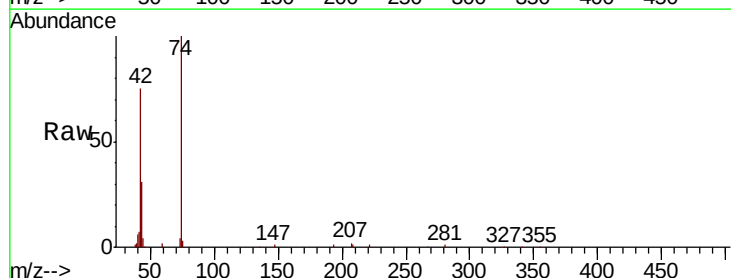
Tgt Ion: 42 Resp: 179012

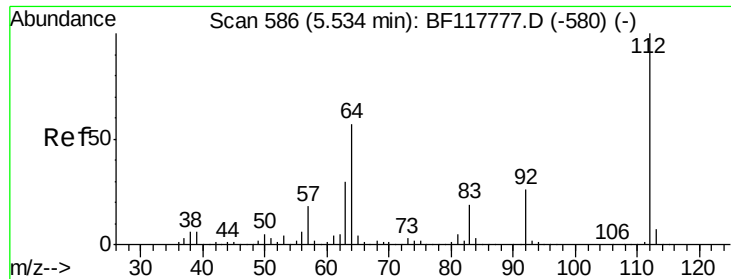
Ion Ratio Lower Upper

42 100

74 133.2 105.1 157.7

44 5.8 4.6 7.0





#5

2-Fluorophenol

Concen: 96.898 ng

RT: 5.52 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampled :

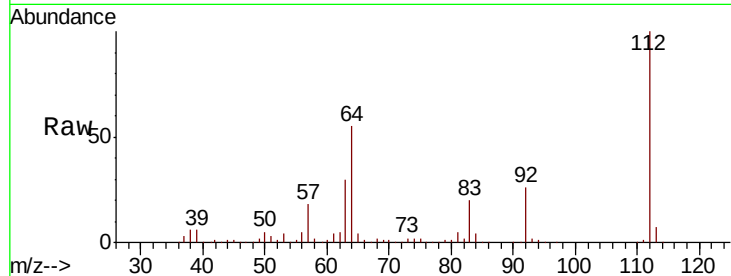
Tot Ion:112 Resp: 895251

Ion Ratio Lower Upper

112 100

64 55.1 45.6 68.4

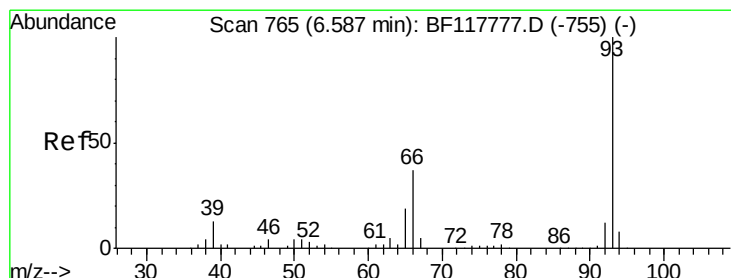
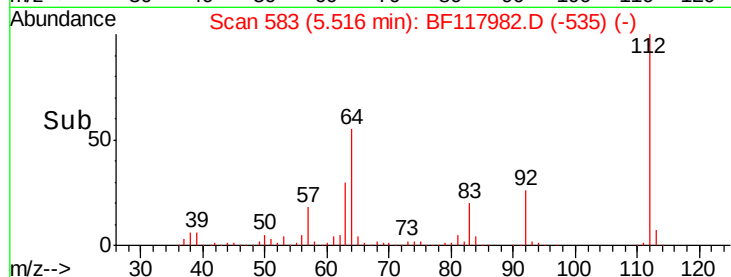
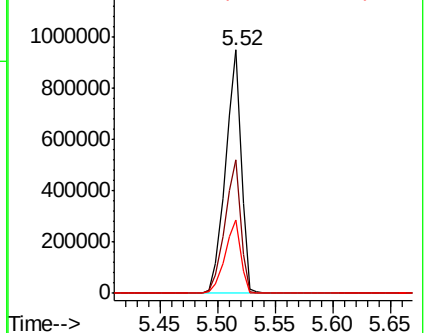
63 30.0 24.1 36.1



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: 26.016 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

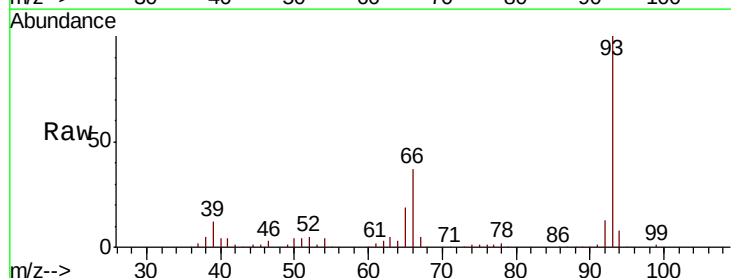
Tgt Ion: 93 Resp: 383113

Ion Ratio Lower Upper

93 100

66 37.5 30.6 45.8

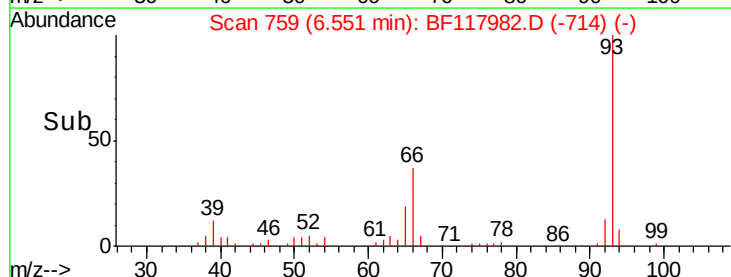
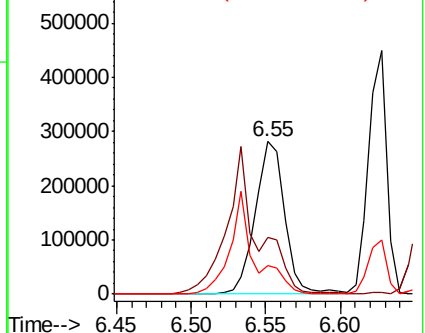
65 18.9 15.6 23.4

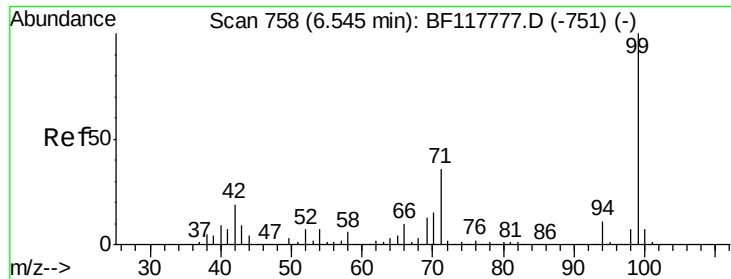


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.174 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampled :

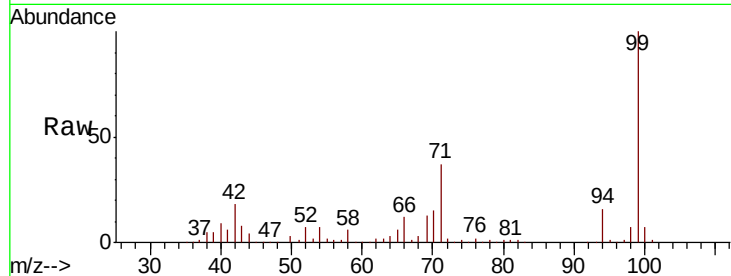
Tot Ion: 99 Resp: 1183184

Ion Ratio Lower Upper

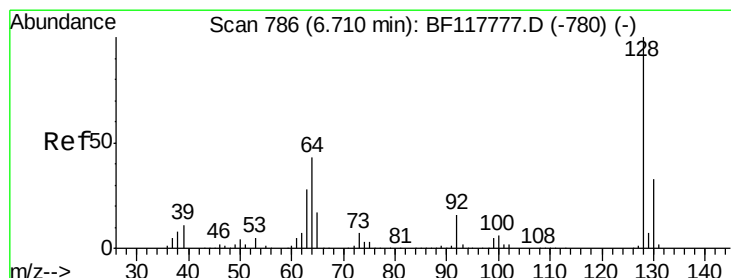
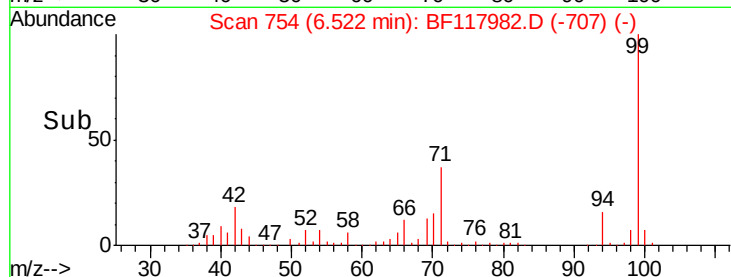
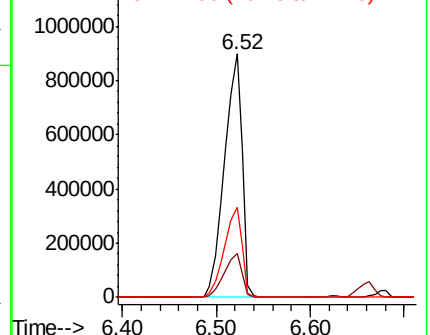
99 100

42 17.9 14.9 22.3

71 36.8 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: 43.555 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

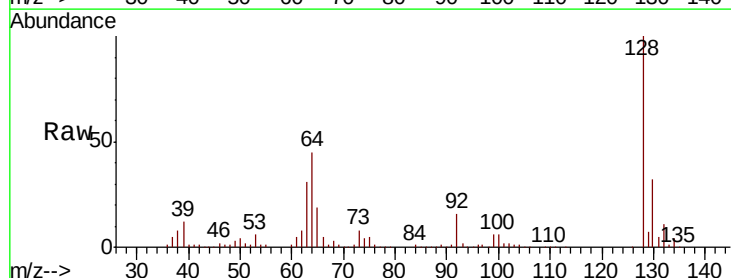
Tgt Ion: 128 Resp: 436648

Ion Ratio Lower Upper

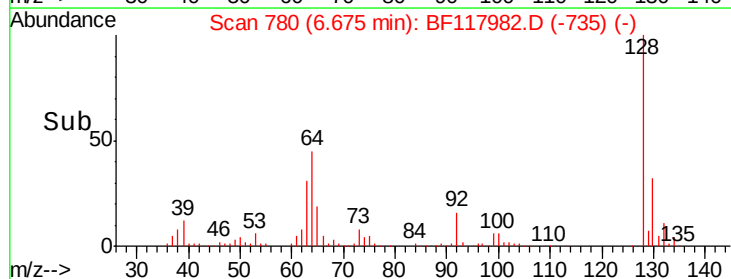
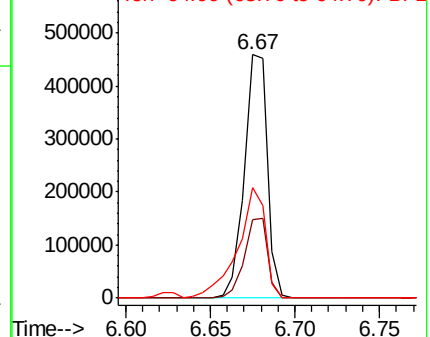
128 100

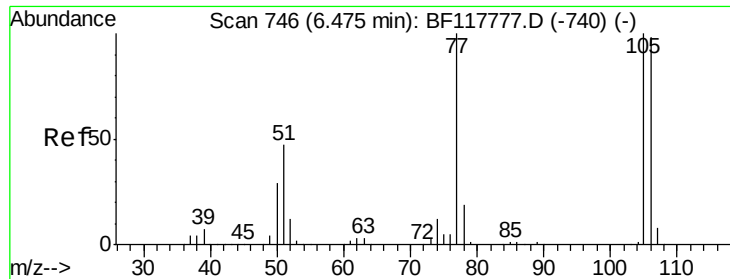
130 32.3 13.2 53.2

64 45.5 23.7 63.7



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: 23.953 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

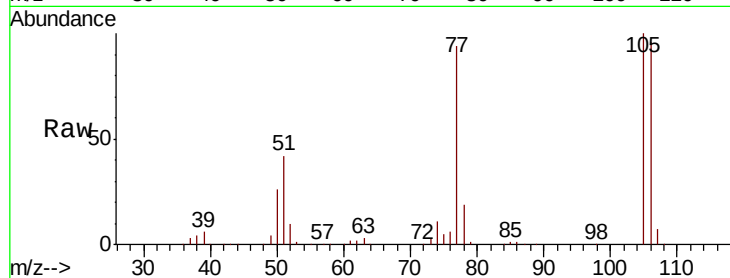
Tot Ion: 77 Resp: 196191

Ion Ratio Lower Upper

77 100

105 106.4 80.2 120.2

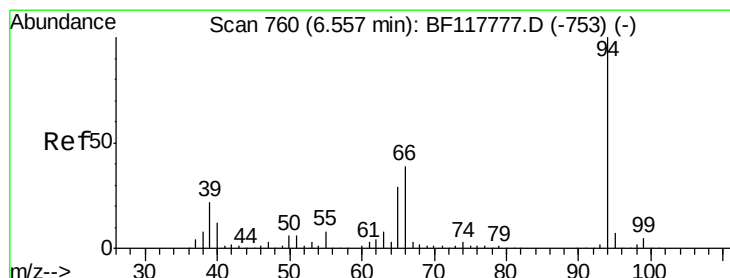
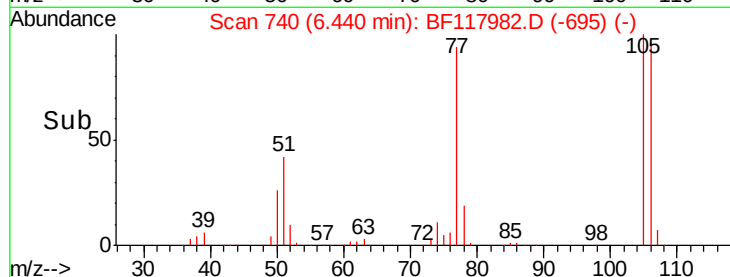
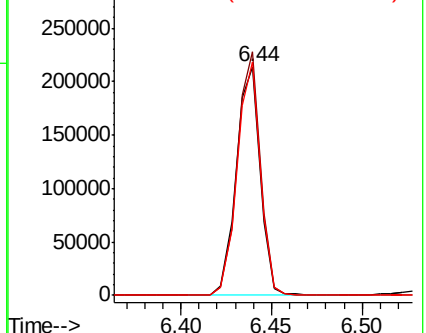
106 102.1 78.4 118.4



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: 46.483 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

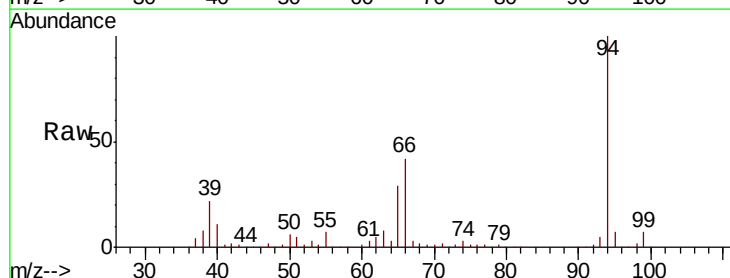
Tgt Ion: 94 Resp: 538277

Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

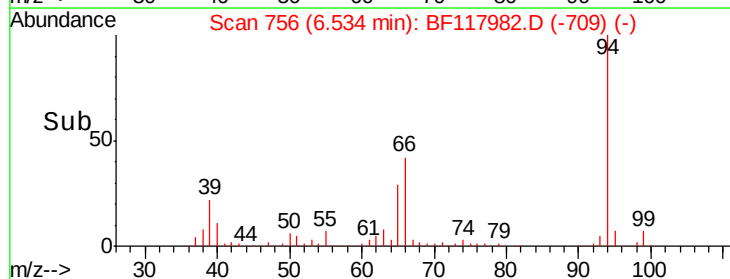
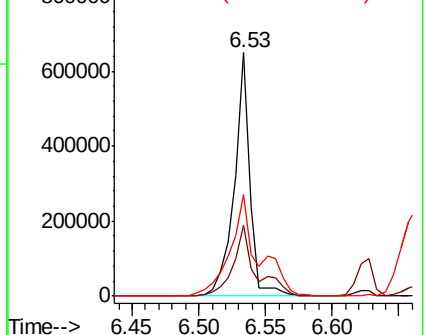
66 41.8 18.7 58.7

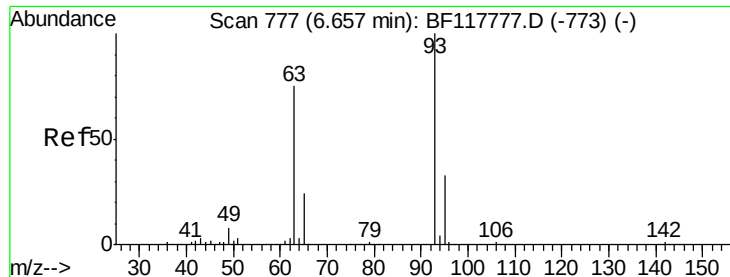


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

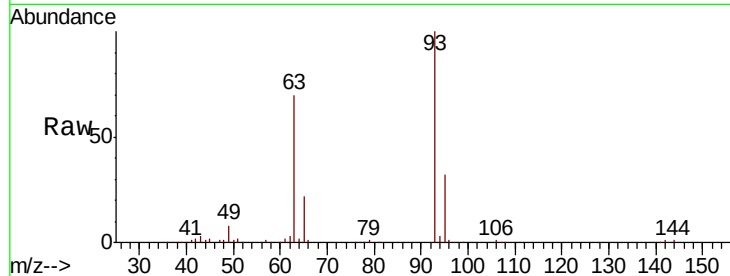




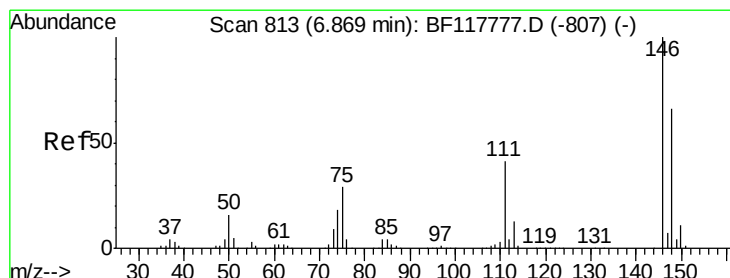
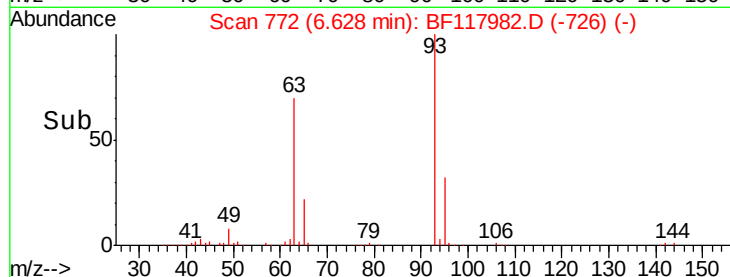
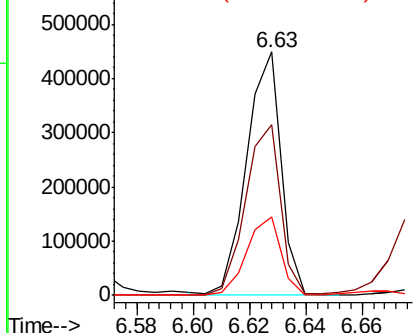
#11
bis(2-Chloroethyl)ether
Concen: 40.673 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 378234
Ion Ratio Lower Upper
93 100
63 70.2 54.8 94.8
95 32.0 12.7 52.7

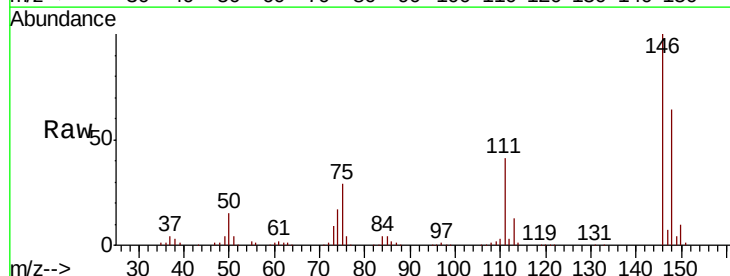


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

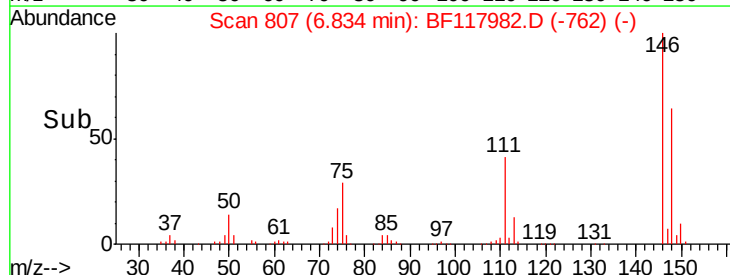
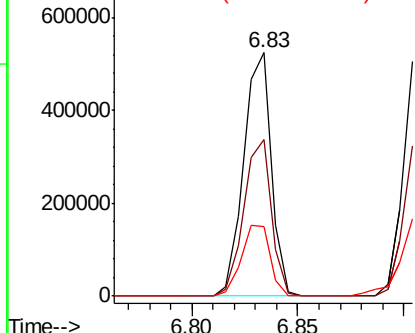


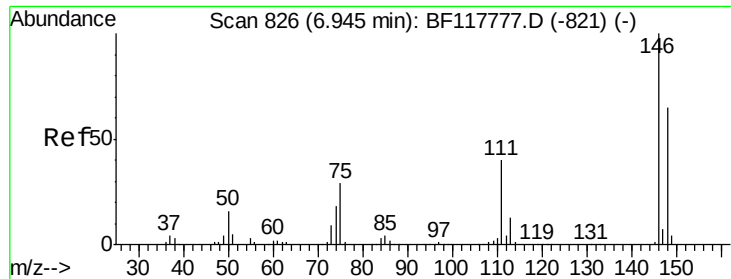
#12
1,3-Dichlorobenzene
Concen: 40.285 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion: 146 Resp: 475469
Ion Ratio Lower Upper
146 100
148 64.2 52.8 79.2
75 28.8 23.4 35.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

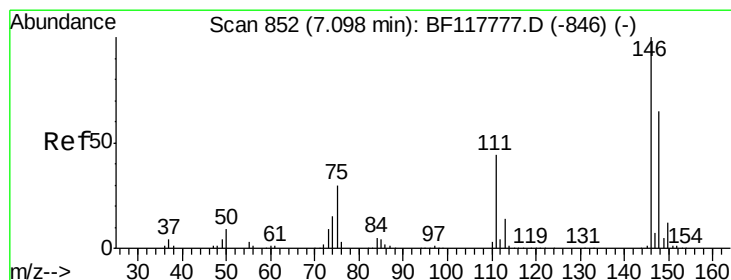
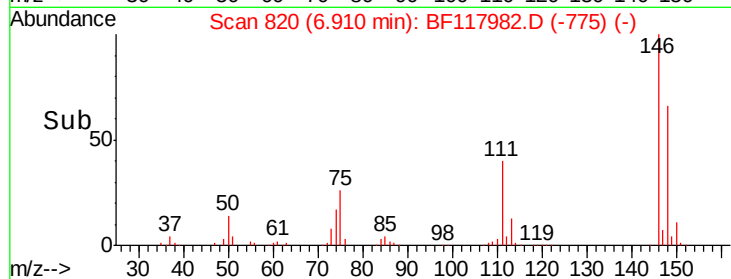
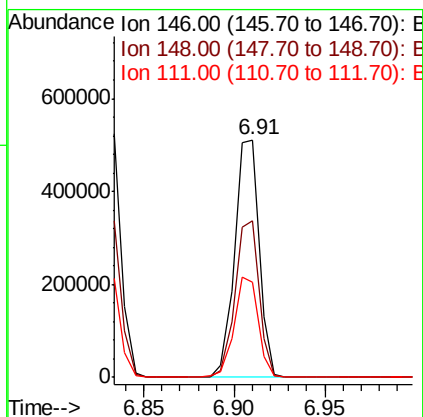
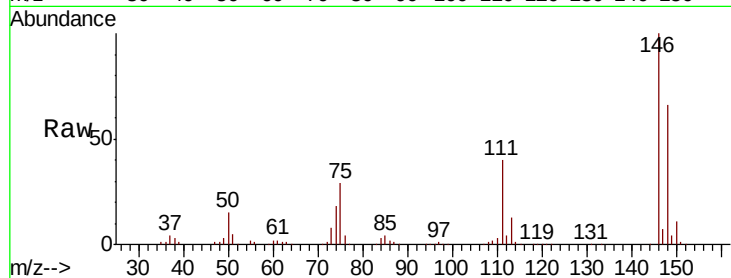




#13
 1,4-Dichlorobenzene
 Concen: 40.429 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

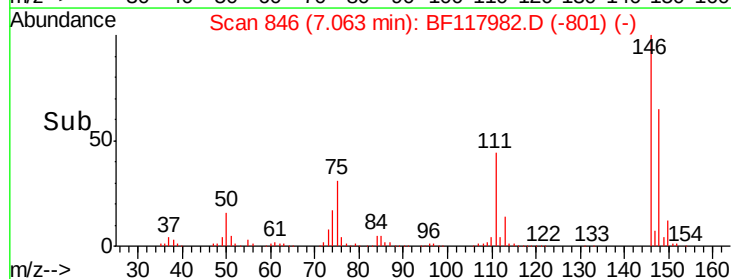
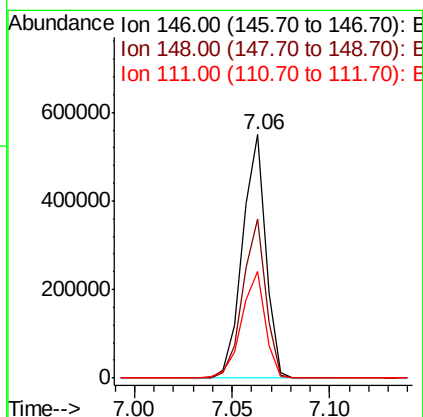
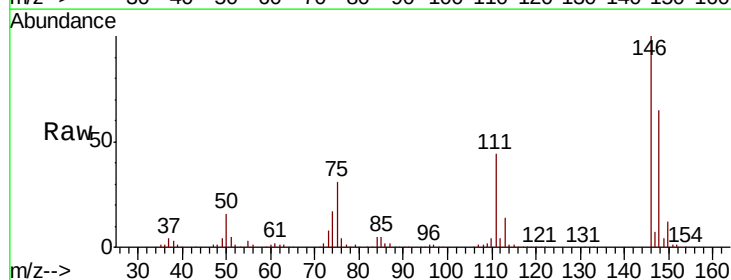
Instrument :
 BNA_F
 ClientSampleId :

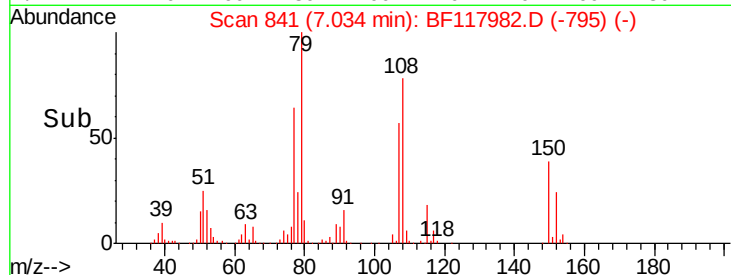
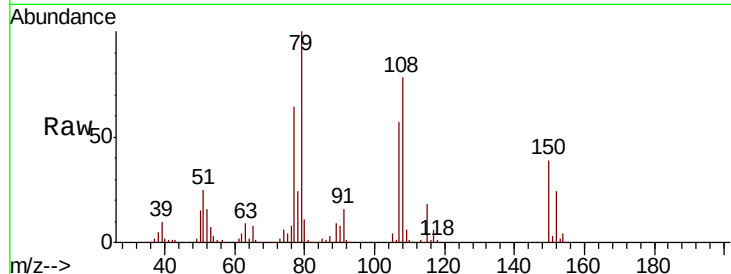
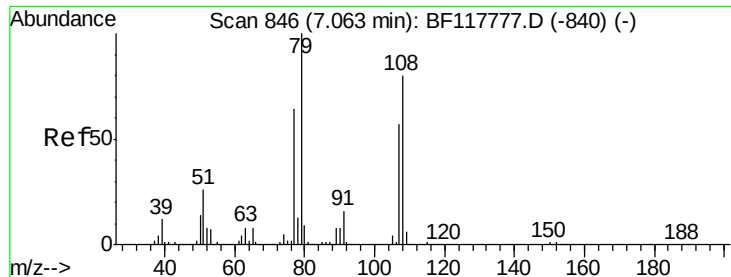
Tot Ion:146 Resp: 482324
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.3 78.5
 111 39.9 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 39.902 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:146 Resp: 455276
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.8
 111 43.9 35.0 52.6

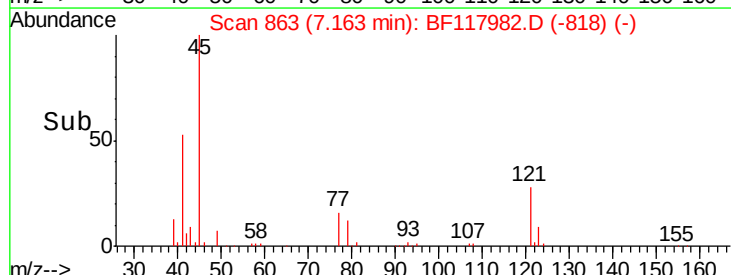
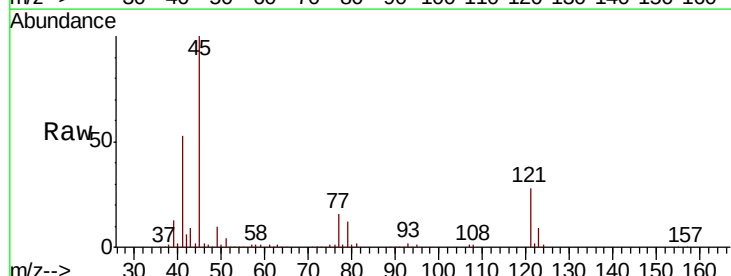
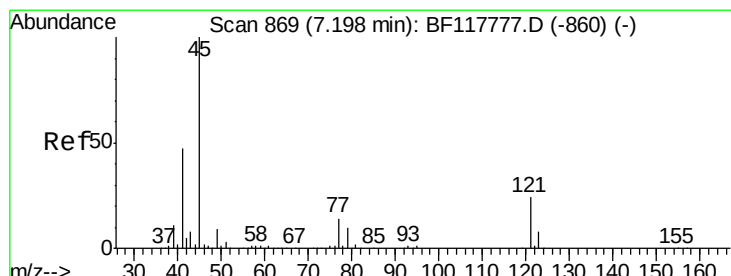
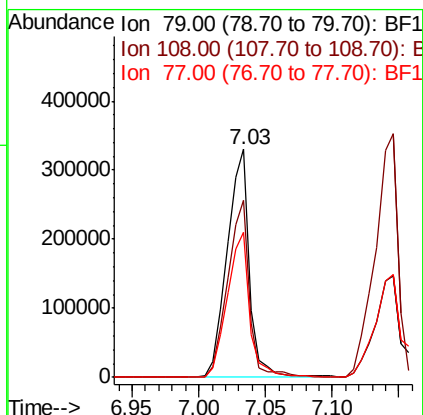




#15
Benzyl Alcohol
Concen: 45.304 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

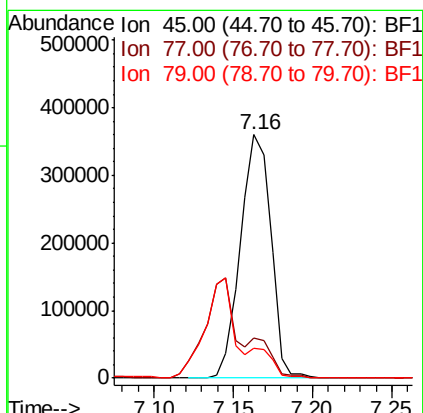
Instrument :
BNA_F
ClientSampled :

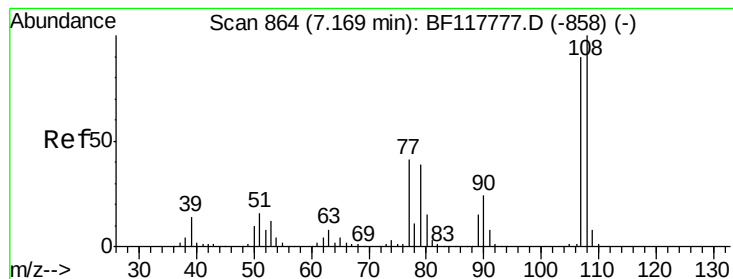
Tot Ion	Ratio	Lower	Upper
79	100		
108	77.8	64.1	96.1
77	63.8	51.3	76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.562 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	35.0
79	12.5	0.0	31.1

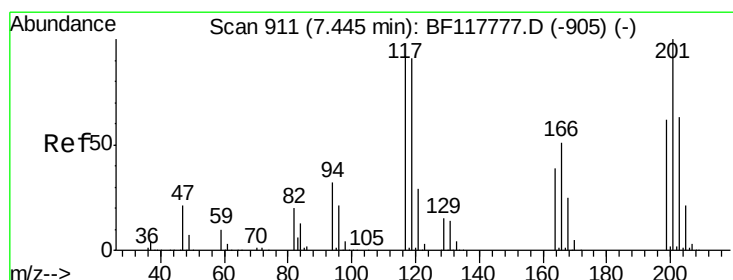
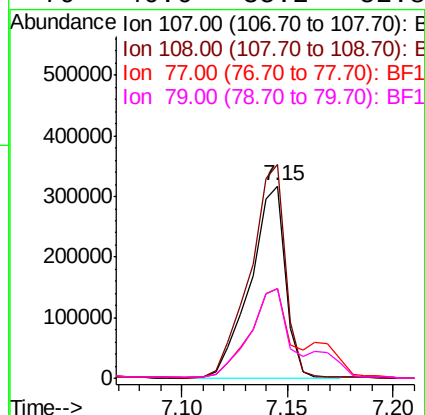
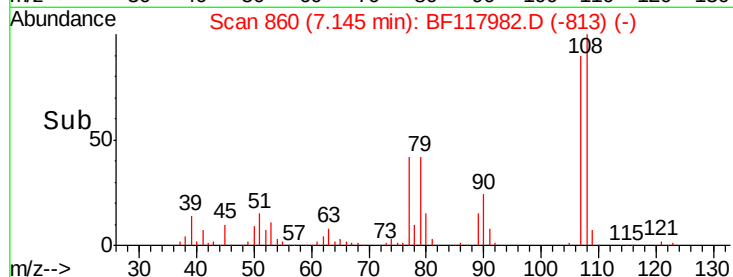
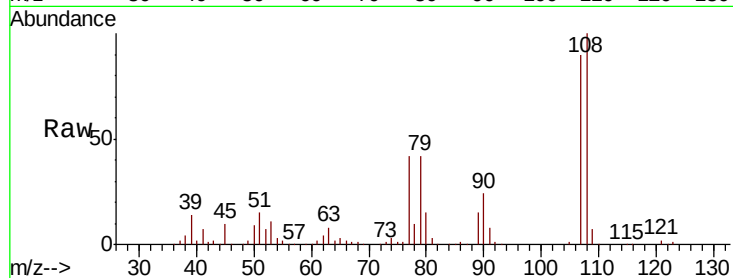




#17
2-Methylphenol
Concen: 43.272 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

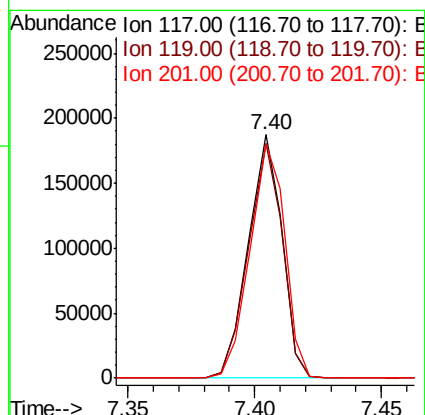
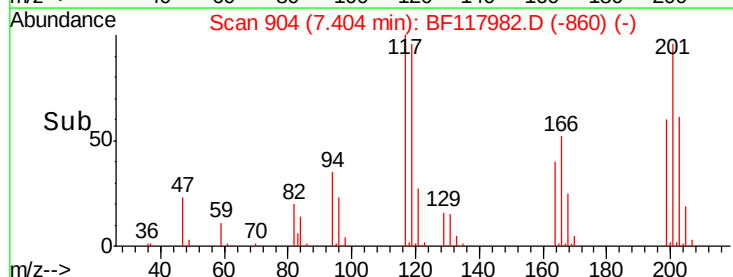
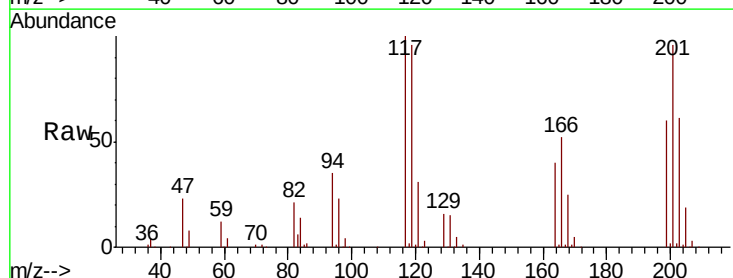
Instrument :
BNA_F
ClientSampleId :

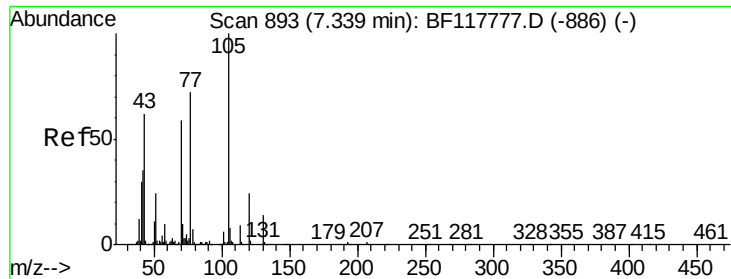
Tot Ion:107 Resp: 367378
Ion Ratio Lower Upper
107 100
108 111.1 89.1 133.7
77 46.9 36.6 54.8
79 46.6 35.2 52.8



#18
Hexachloroethane
Concen: 39.653 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:117 Resp: 173786
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
201 96.3 86.5 129.7

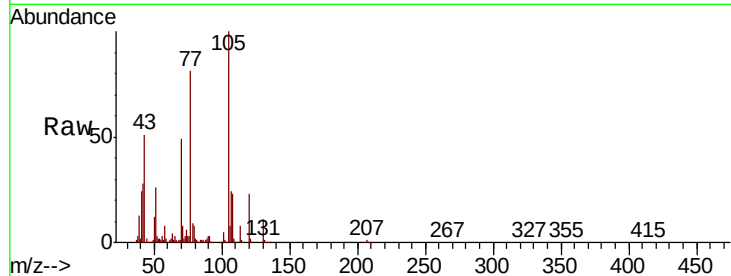




#19
n-Nitroso-di-n-propylamine
Concen: 42.844 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.9	47.4	71.2
101	10.4	8.4	12.6
130	23.1	18.8	28.2



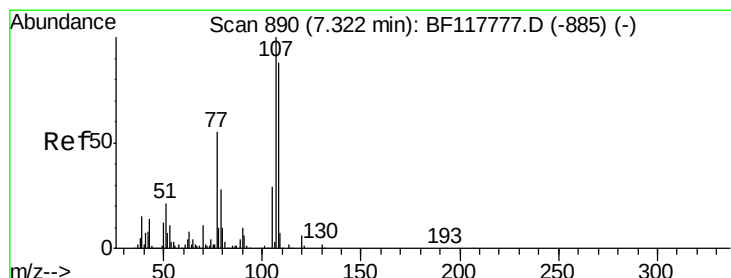
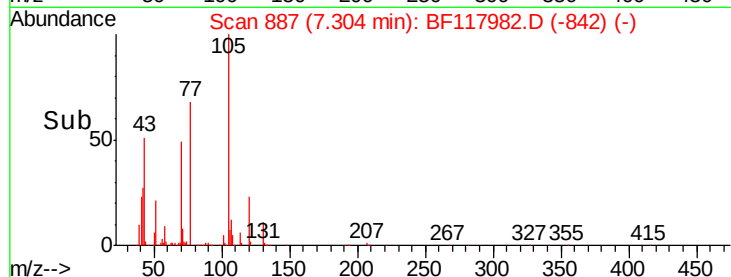
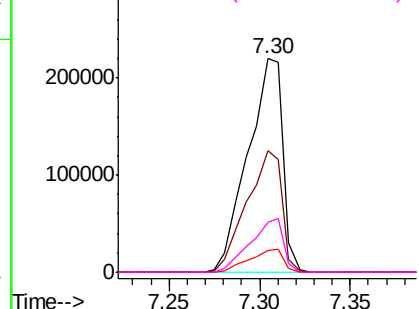
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.028 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	68.4	108.4
77	92.2	35.2	75.2#
79	28.8	8.6	48.6

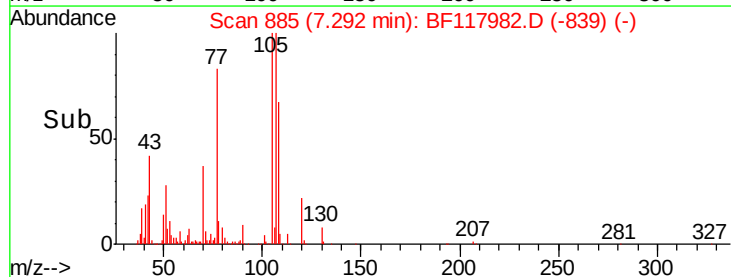
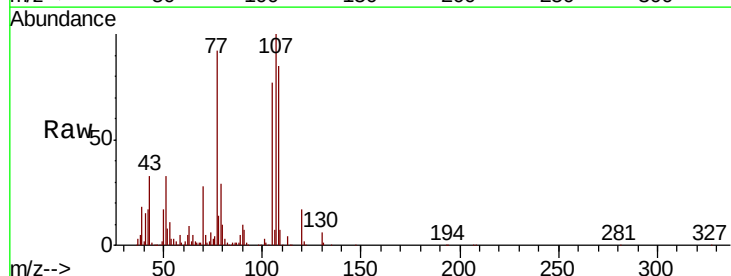
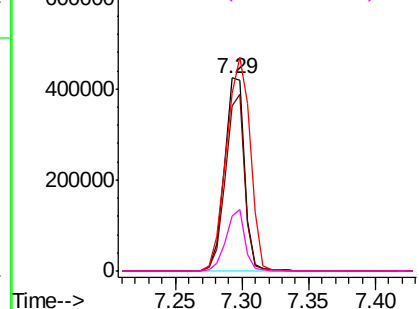
Abundance

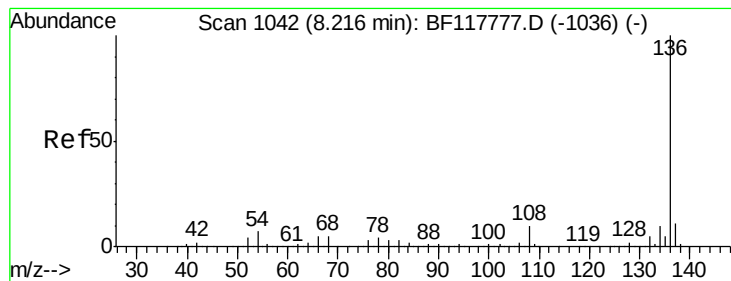
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 663360

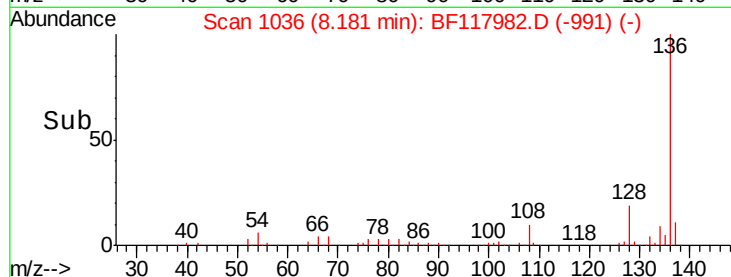
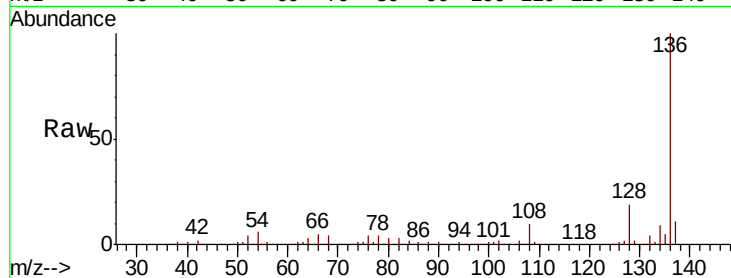
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 6.1 5.4 8.2

68 4.5 4.3 6.5

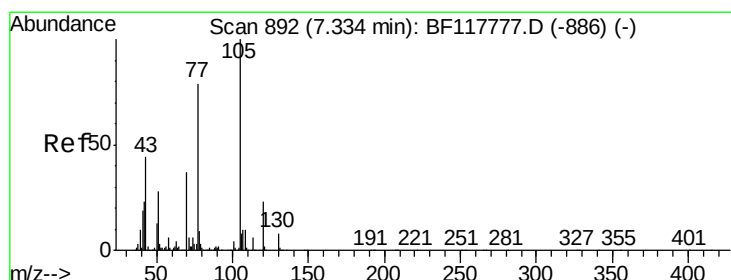
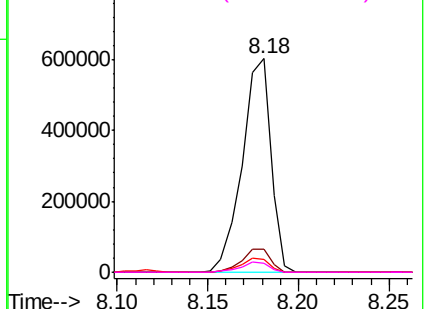


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.258 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:105 Resp: 599987

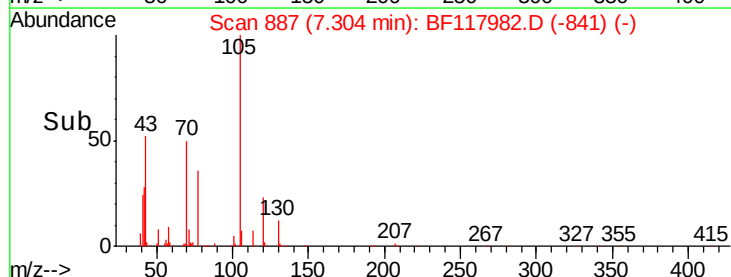
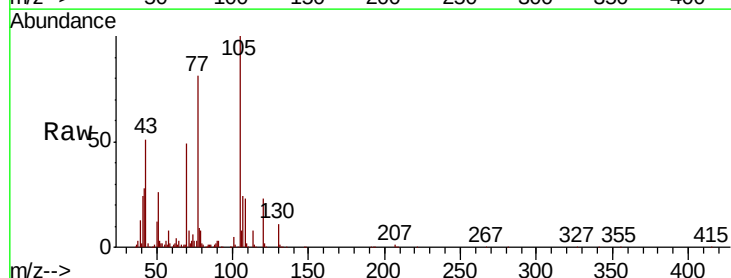
Ion Ratio Lower Upper

105 100

71 8.0 4.9 7.3#

51 26.0 22.7 34.1

120 22.8 18.5 27.7

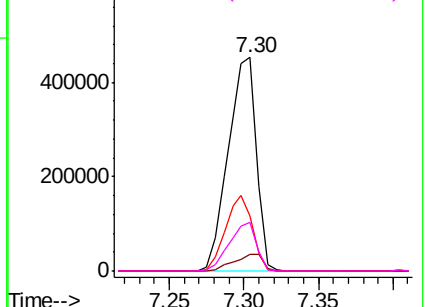


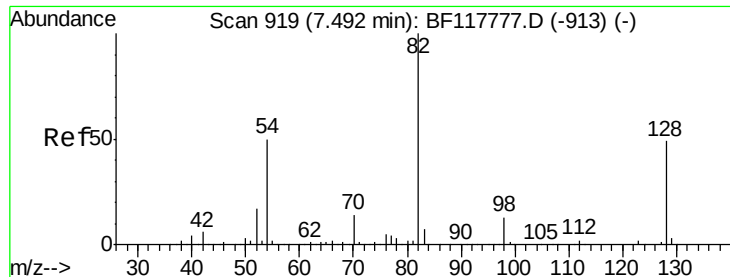
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

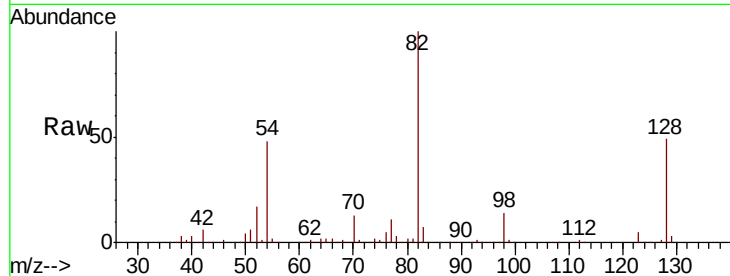




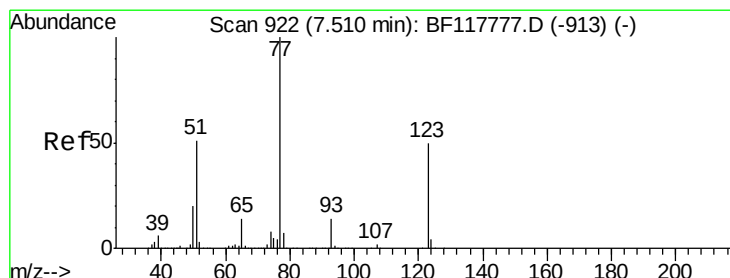
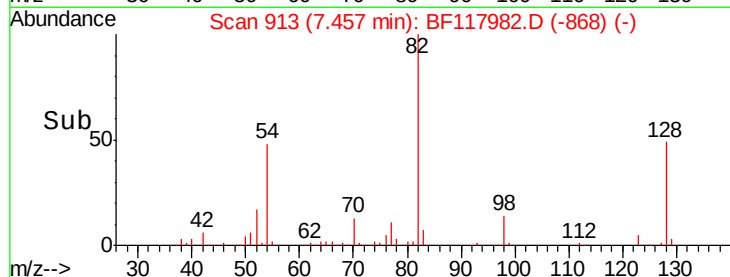
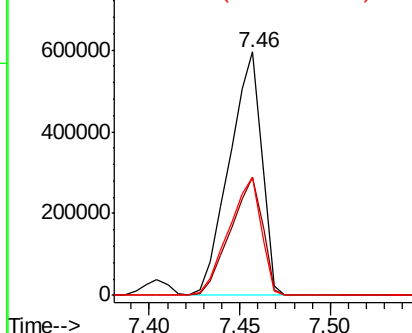
#23
Nitrobenzene-d5
Concen: 66.190 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 738616
Ion Ratio Lower Upper
82 100
128 48.6 38.9 58.3
54 48.4 39.8 59.6

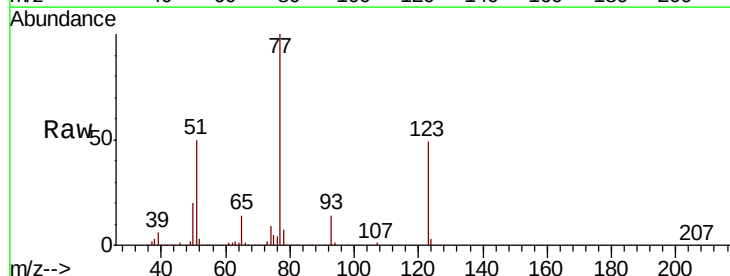


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

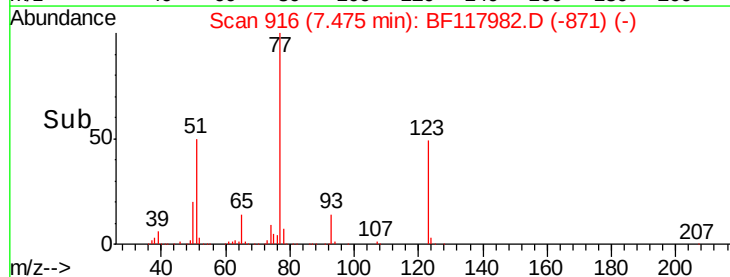
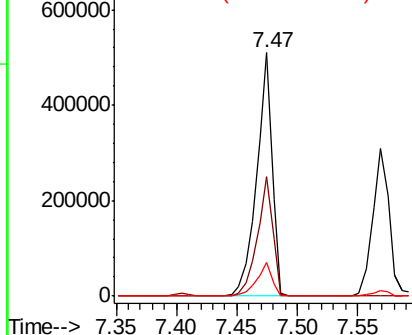


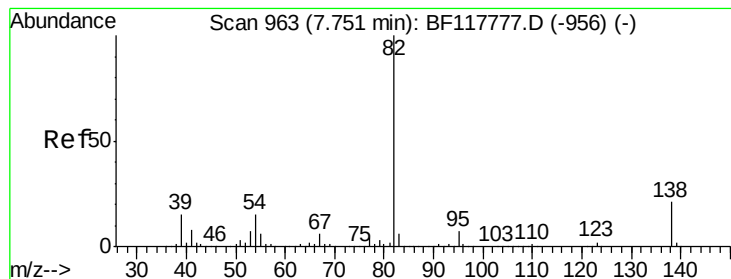
#24
Nitrobenzene
Concen: 39.886 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion: 77 Resp: 459170
Ion Ratio Lower Upper
77 100
123 49.0 40.3 60.5
65 13.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.923 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

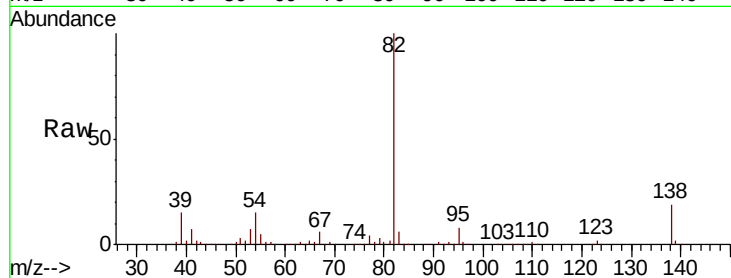
Tot Ion: 82 Resp: 836990

Ion Ratio Lower Upper

82 100

95 7.8 5.8 8.8

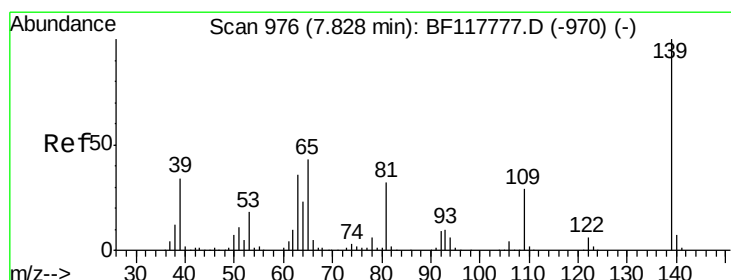
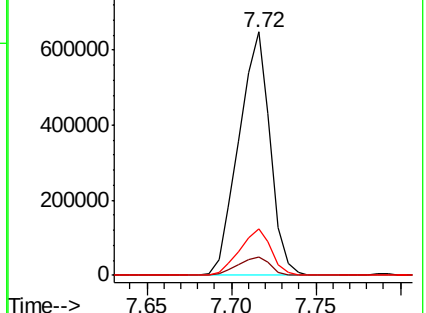
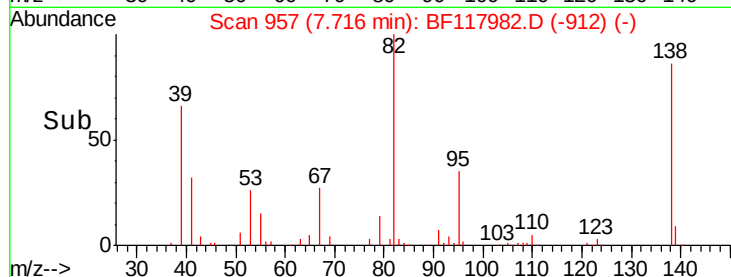
138 19.2 16.5 24.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.834 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

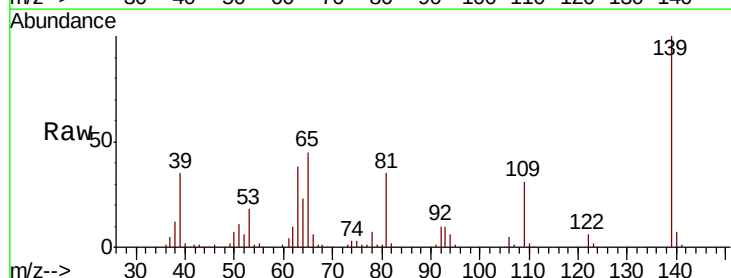
Tgt Ion: 139 Resp: 251218

Ion Ratio Lower Upper

139 100

109 31.1 23.0 34.4

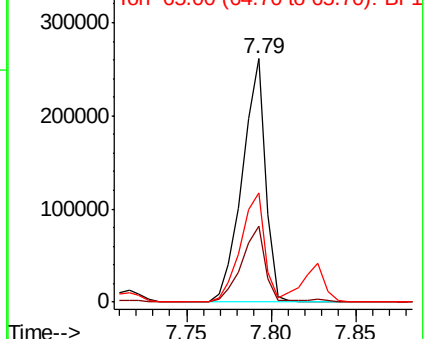
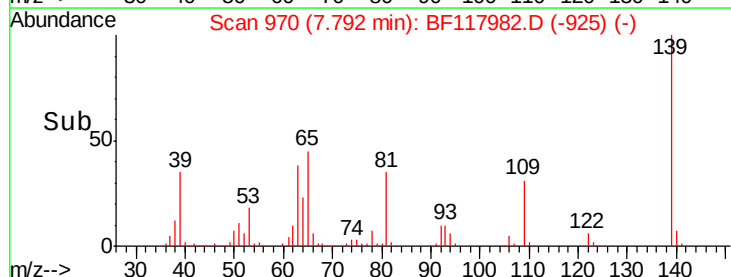
65 45.0 34.7 52.1

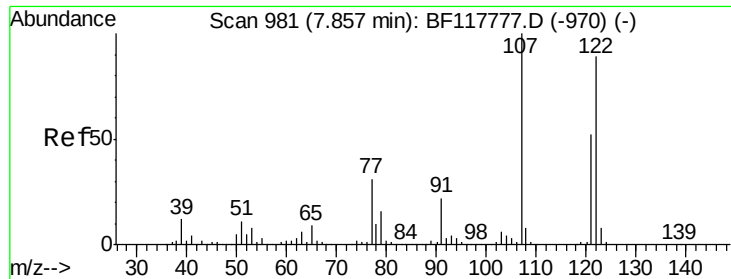


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

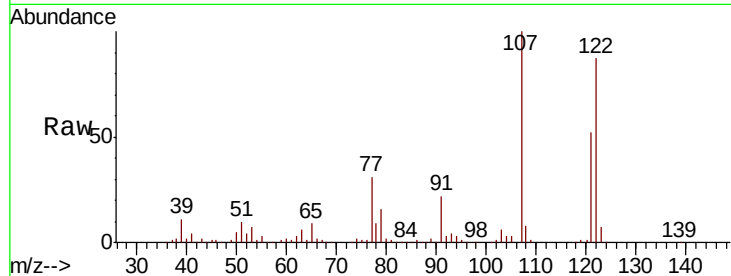




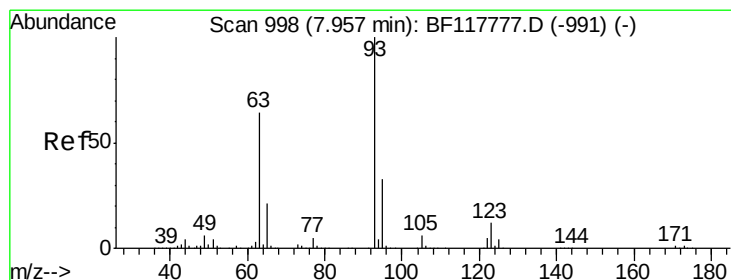
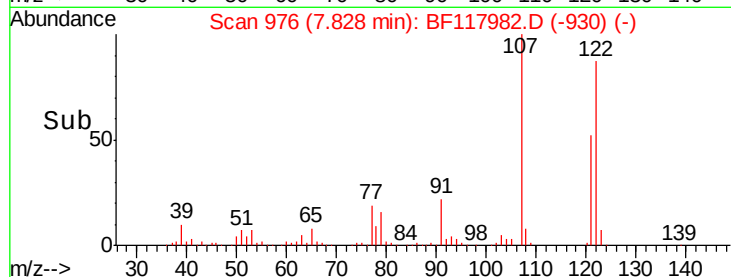
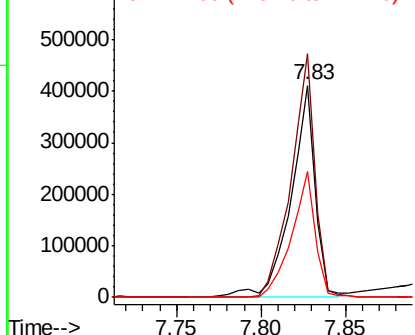
#27
2,4-Dimethylphenol
Concen: 47.607 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 414504
Ion Ratio Lower Upper
122 100
107 114.7 90.0 135.0
121 59.5 46.7 70.1

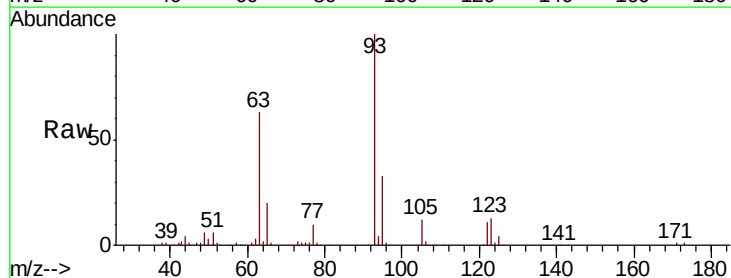


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

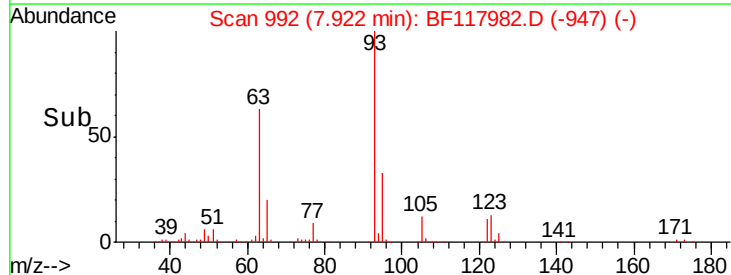
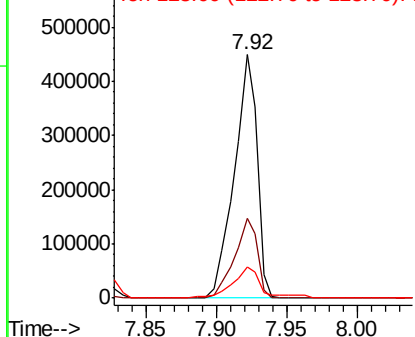


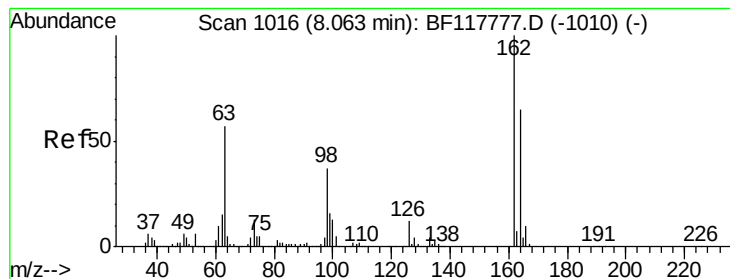
#28
bis(2-Chloroethoxy)methane
Concen: 38.793 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion: 93 Resp: 503490
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.6 10.3 15.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.760 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

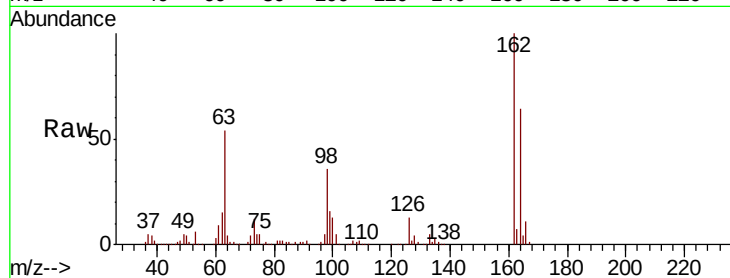
Tot Ion:162 Resp: 394392

Ion Ratio Lower Upper

162 100

164 64.2 45.1 85.1

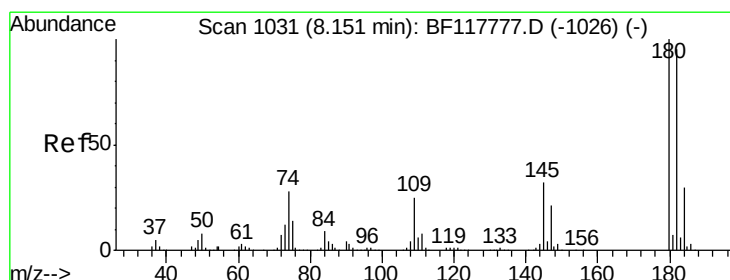
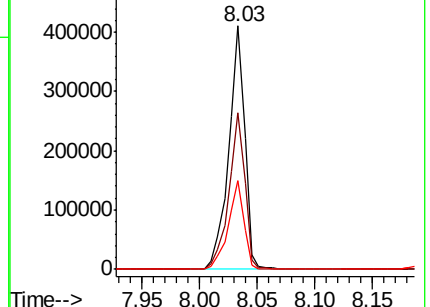
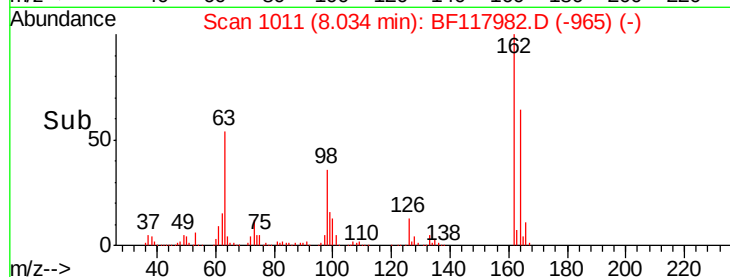
98 36.3 17.2 57.2



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: 38.809 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

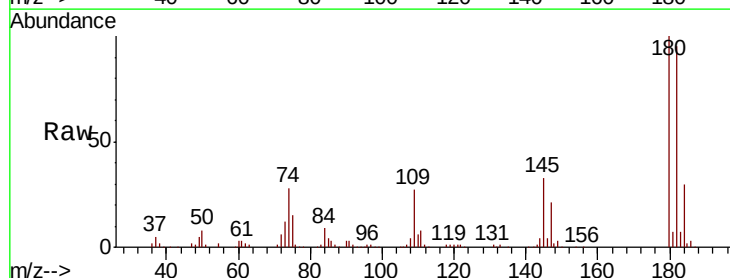
Tgt Ion:180 Resp: 425148

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

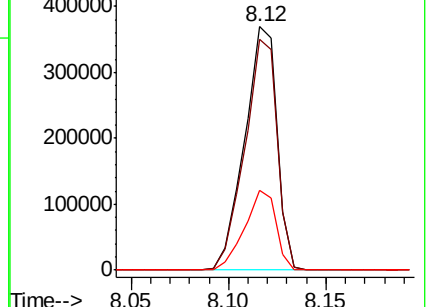
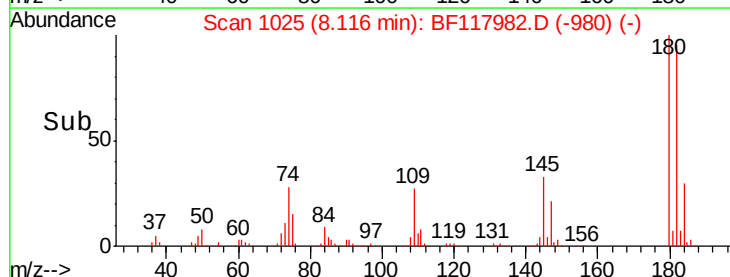
145 32.6 25.5 38.3

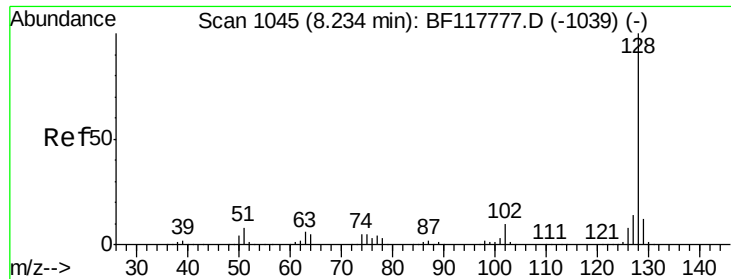


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

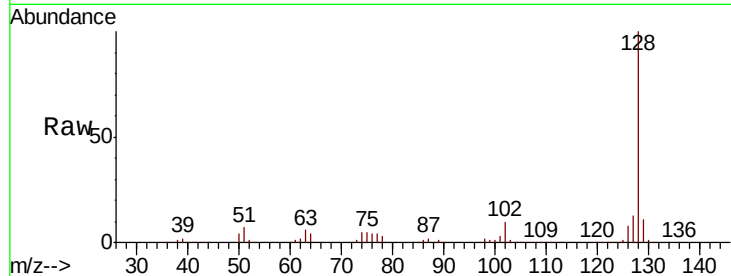




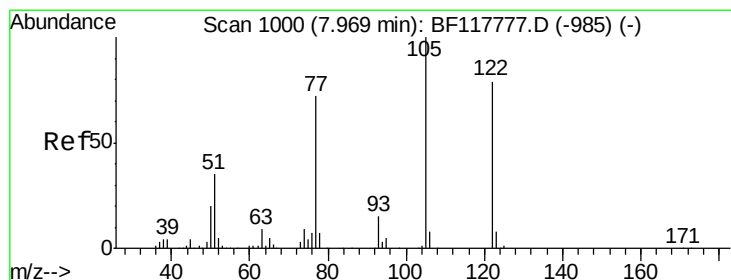
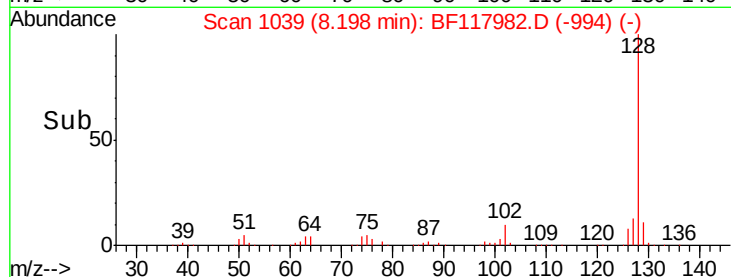
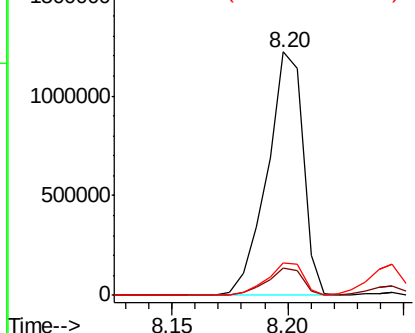
#31
Naphthalene
Concen: 42.569 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1316443
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.5 11.3 16.9

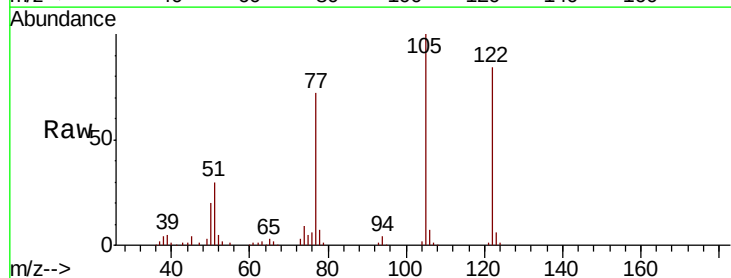


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

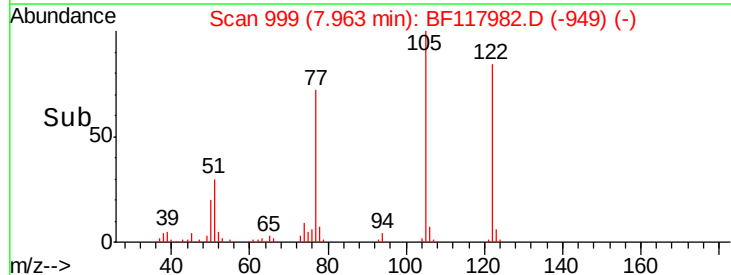
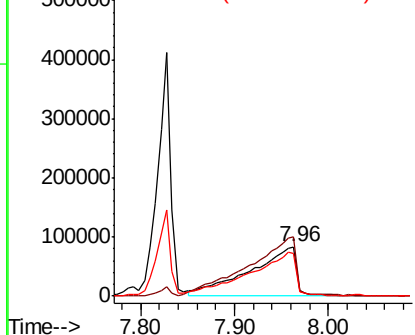


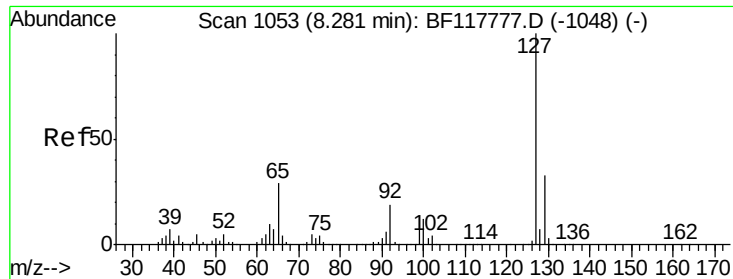
#32
Benzoic acid
Concen: 38.387 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:122 Resp: 279854
Ion Ratio Lower Upper
122 100
105 118.8 102.7 142.7
77 85.5 70.5 110.5



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

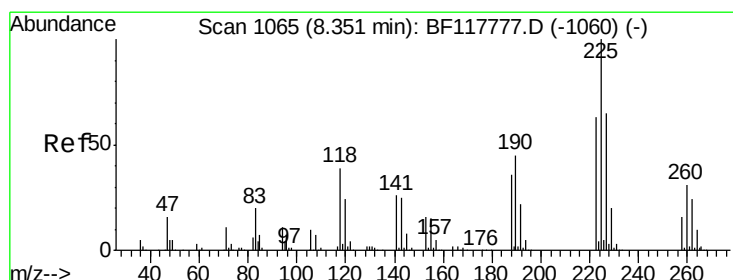
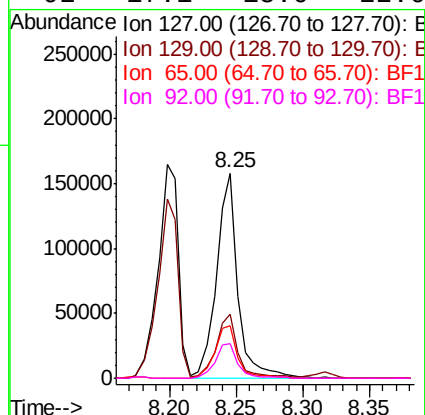
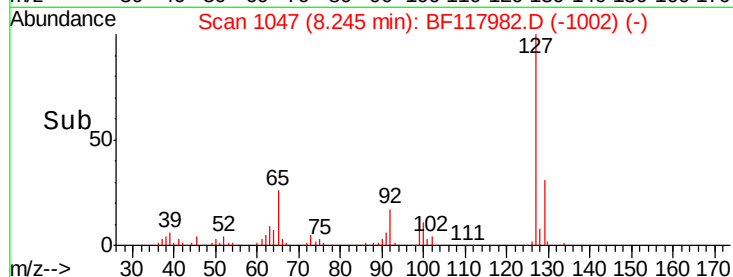
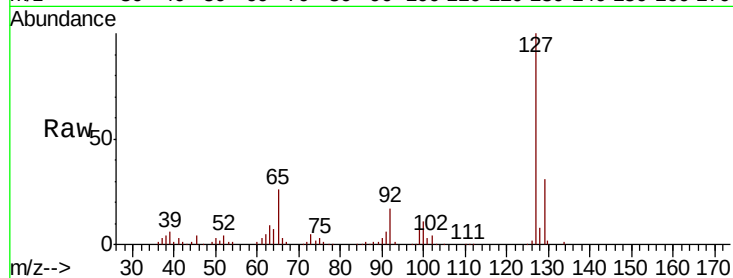




#33
4-Chloroaniline
Concen: 12.776 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

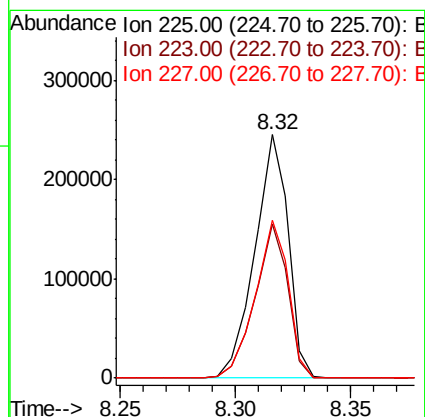
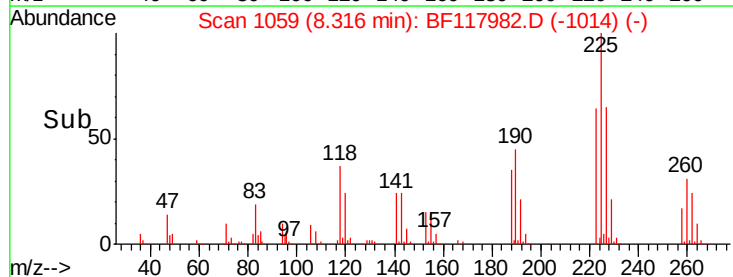
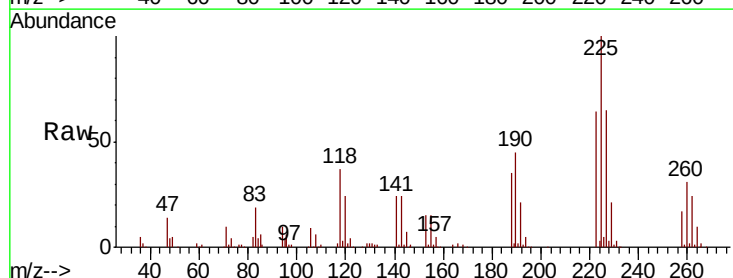
Instrument :
BNA_F
ClientSampled :

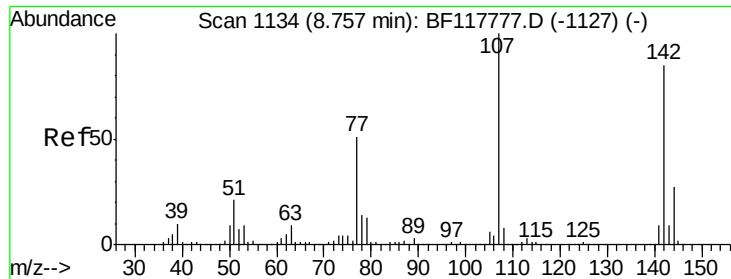
Tot Ion:	127	Resp:	176885
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	25.5	22.9	34.3
92	17.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 38.610 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:	225	Resp:	247293
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.0	75.0
227	64.7	51.8	77.6

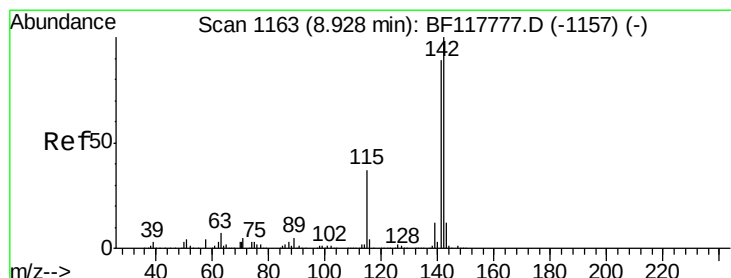
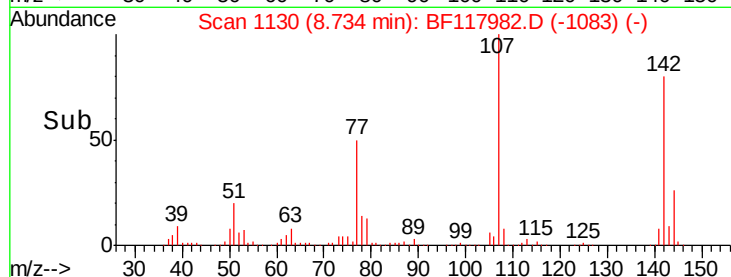
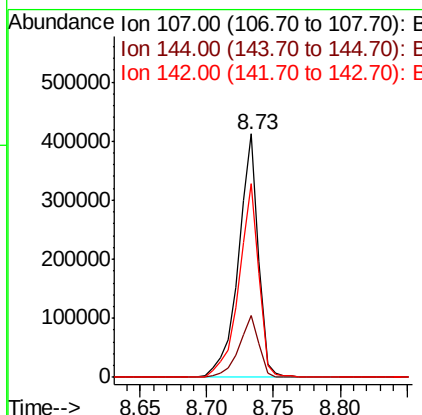
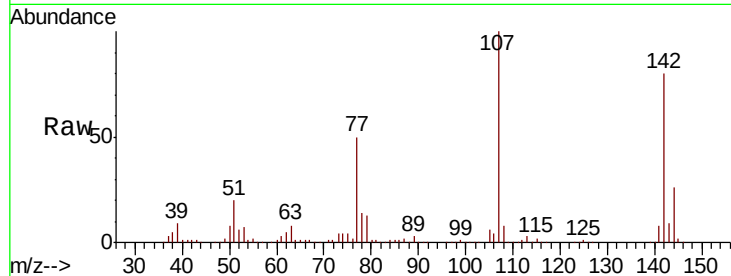




#36
 4-Chloro-3-methylphenol
 Concen: 44.669 ng
 RT: 8.73 min Scan# 1130
 Delta R.T. -0.02 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

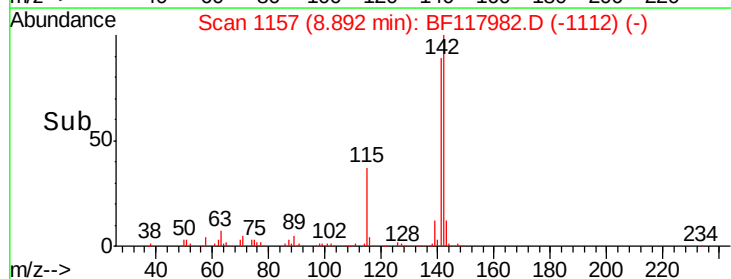
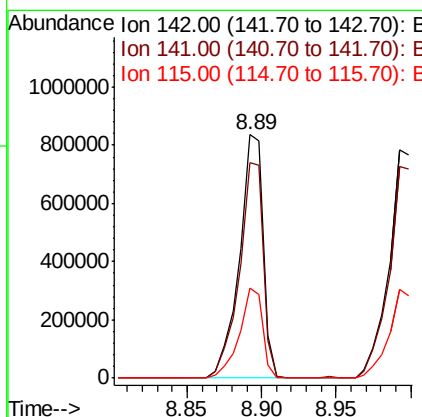
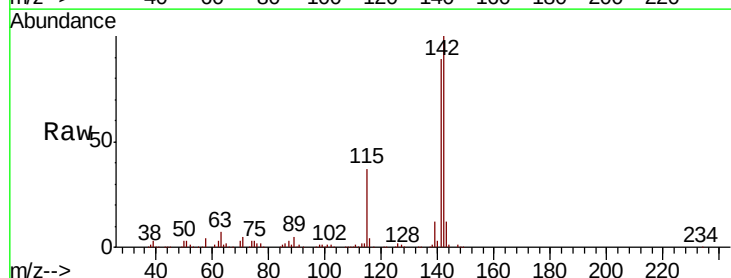
Instrument :
 BNA_F
 ClientSampleId :

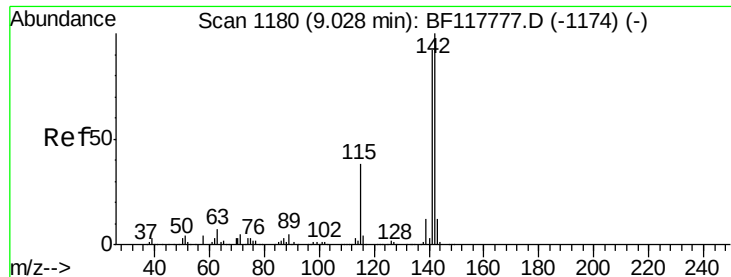
Tot Ion:107 Resp: 428144
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.9 32.9
 142 79.7 67.7 101.5



#37
 2-Methylnaphthalene
 Concen: 44.241 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:142 Resp: 924418
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.1 106.7
 115 37.0 29.2 43.8

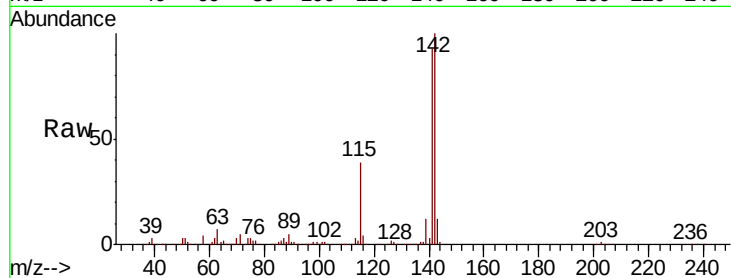




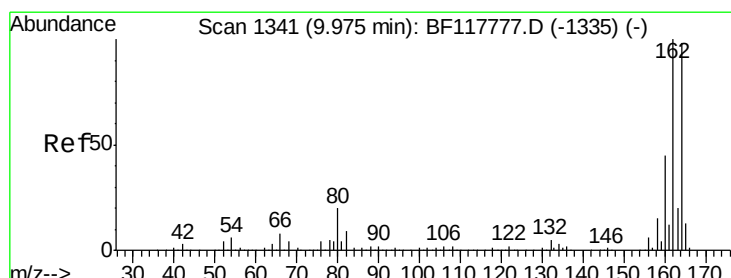
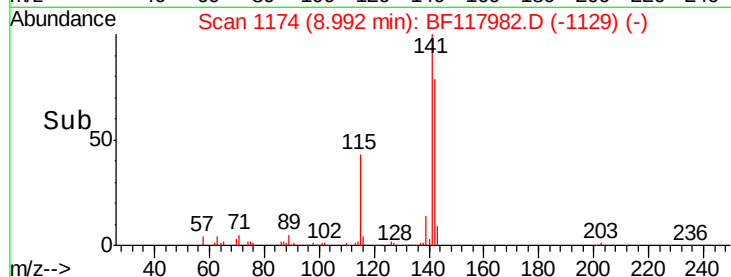
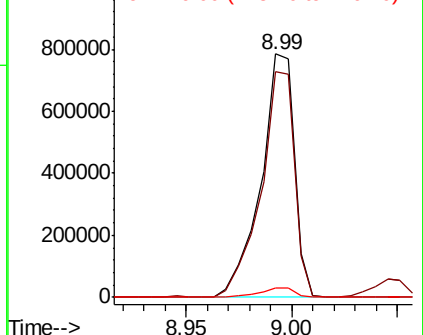
#38
1-Methylnaphthalene
Concen: 43.939 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 867982
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 4.0 3.2 4.8

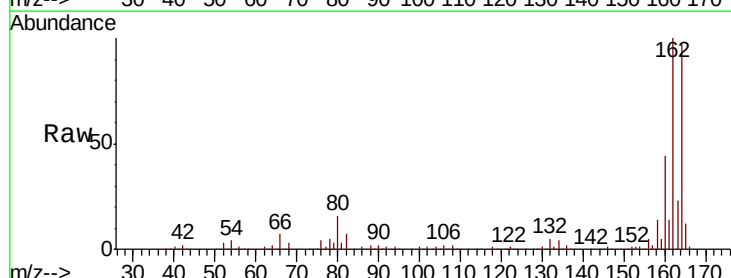


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

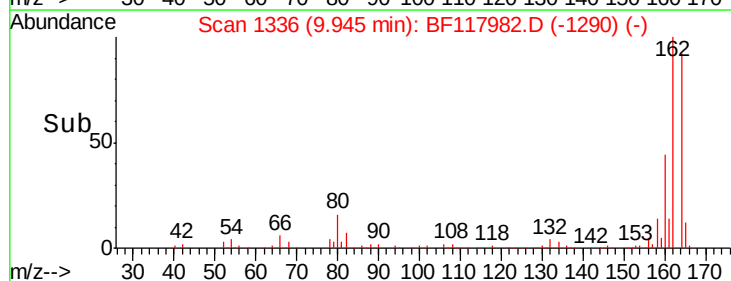
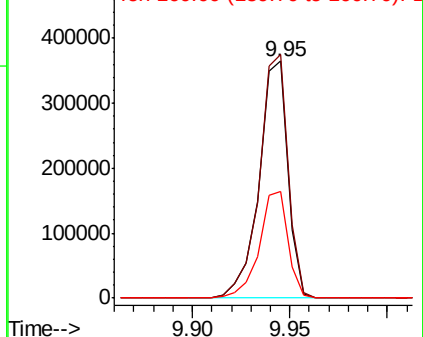


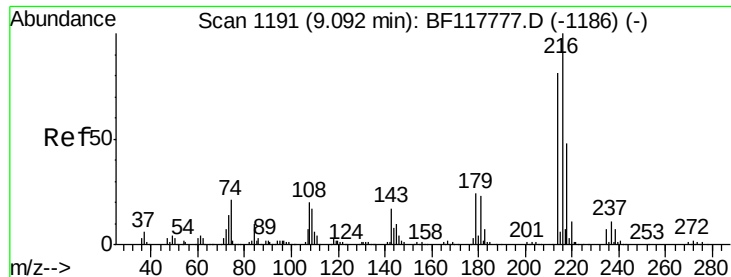
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:164 Resp: 373339
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 44.9 36.6 55.0



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: 37.297 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 404384

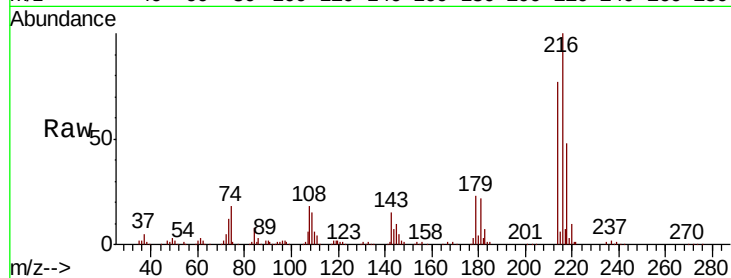
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.0

179 23.1 18.2 27.4

108 22.2 16.0 24.0

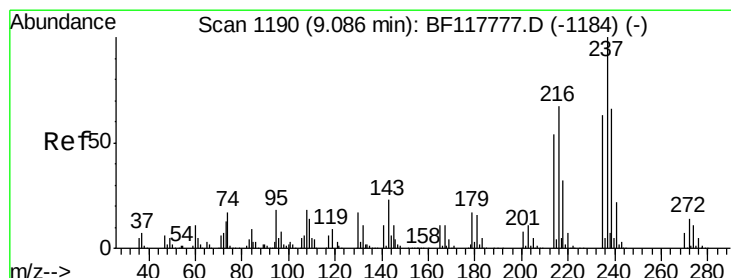
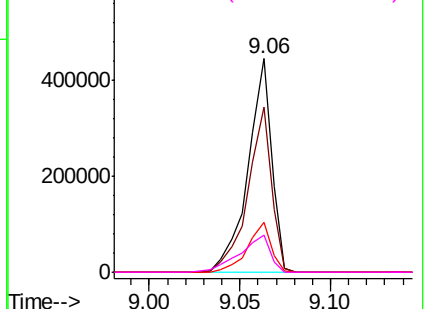
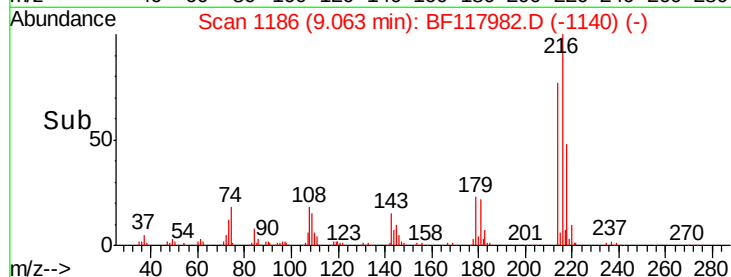


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.887 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

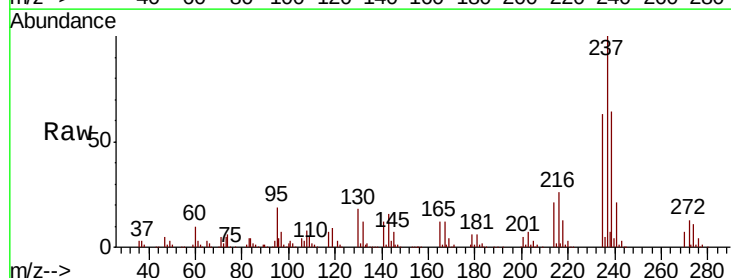
Tgt Ion:237 Resp: 503618

Ion Ratio Lower Upper

237 100

235 63.0 42.6 82.6

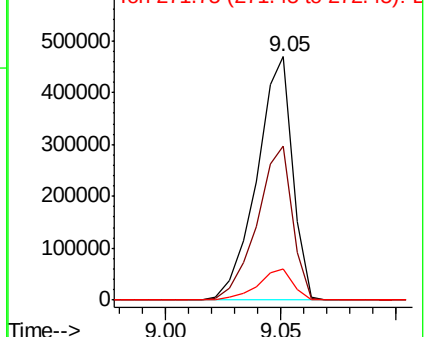
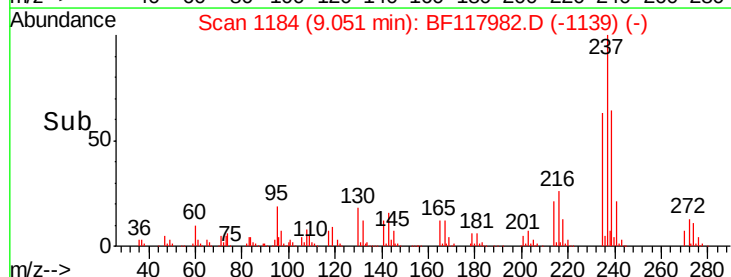
272 12.9 0.0 34.3

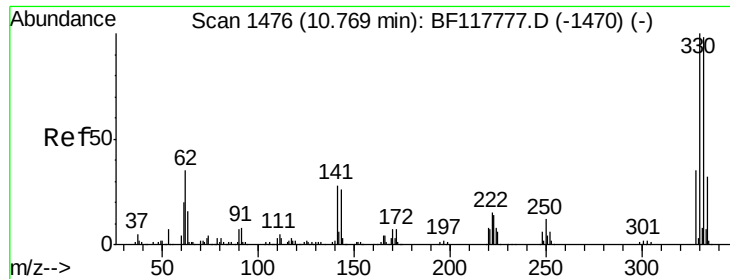


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

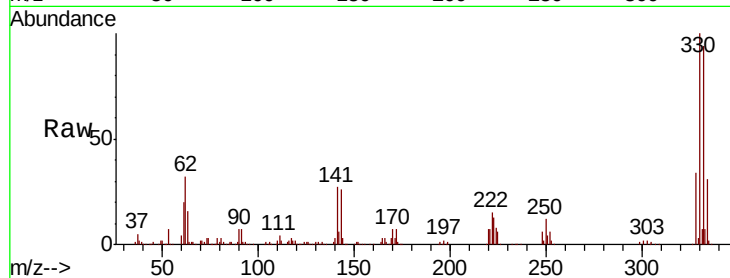




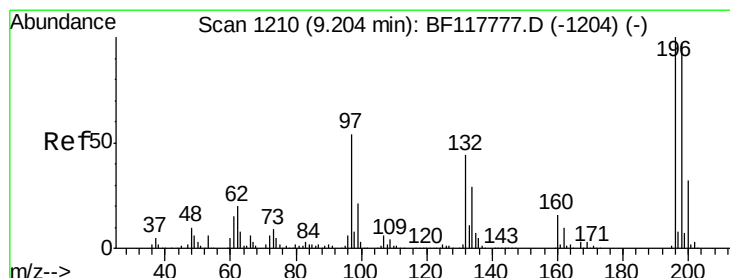
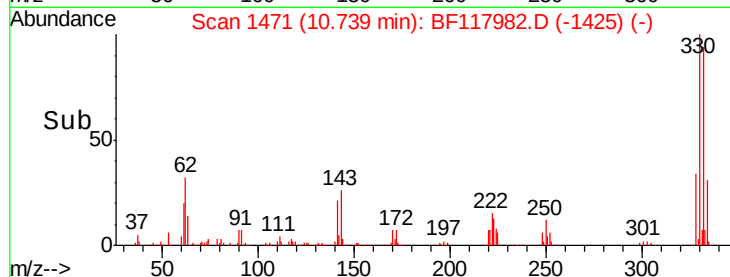
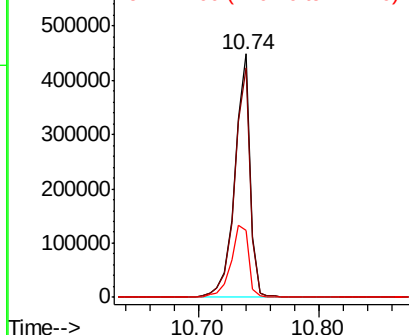
#42
 2,4,6-Tribromophenol
 Concen: 100.833 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	398543
Ion Ratio	100	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	34.1	27.7	41.5

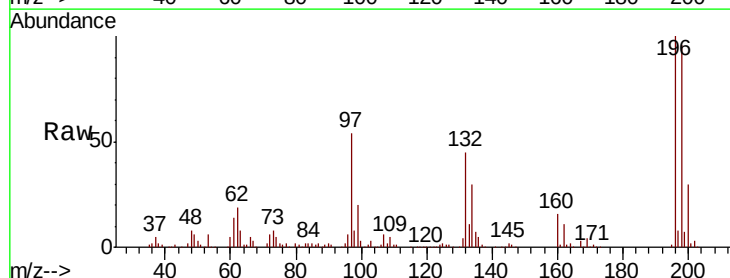


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

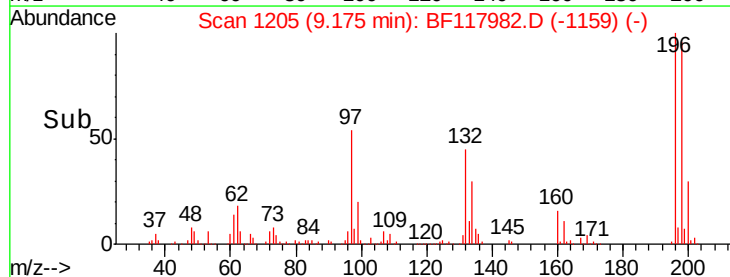
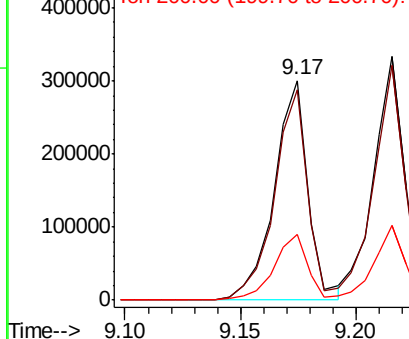


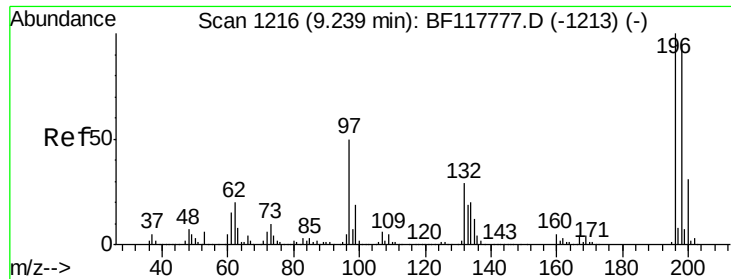
#43
 2,4,6-Trichlorophenol
 Concen: 39.055 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	196	Resp	303294
Ion Ratio	100	Lower	Upper
196	100		
198	95.9	77.8	116.6
200	30.1	25.4	38.0



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

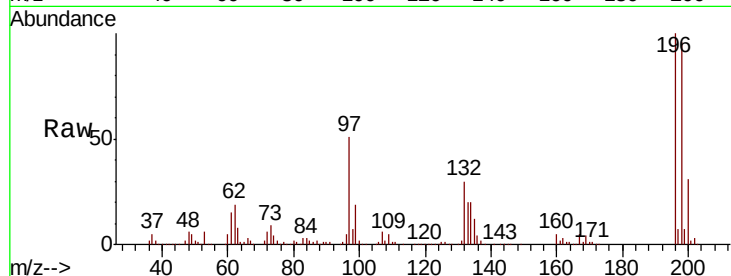




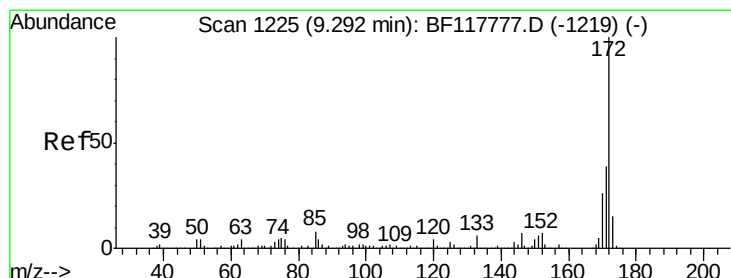
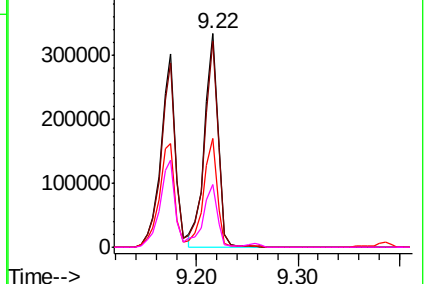
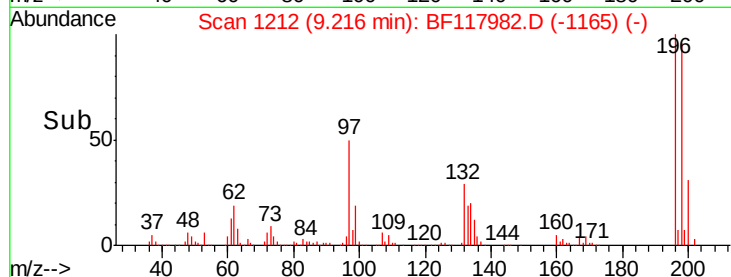
#44
2,4,5-Trichlorophenol
Concen: 38.626 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 311446
Ion Ratio Lower Upper
196 100
198 96.4 76.3 114.5
97 50.7 40.0 60.0
132 29.5 23.6 35.4

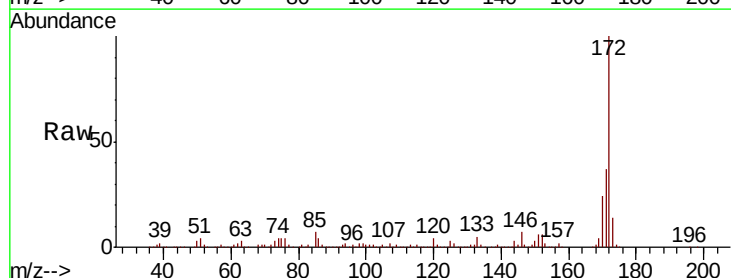


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

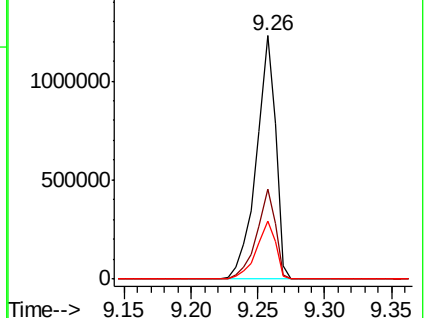
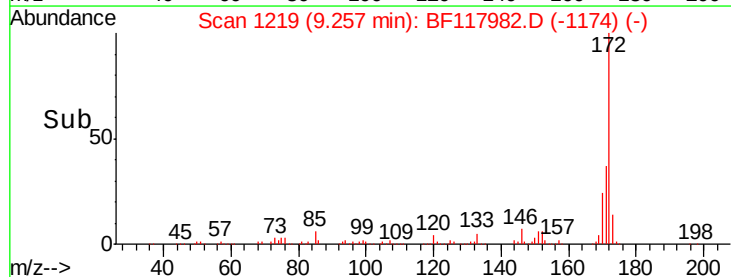


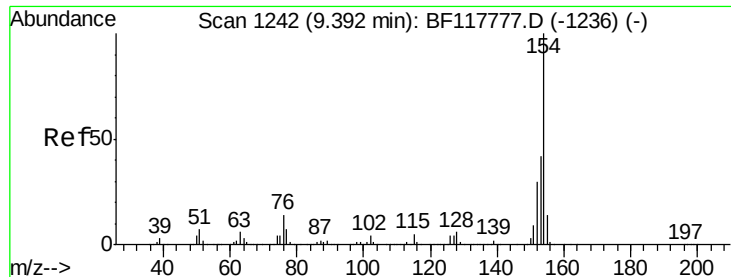
#45
2-Fluorobiphenyl
Concen: 57.987 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:172 Resp: 1206707
Ion Ratio Lower Upper
172 100
171 36.7 30.9 46.3
170 24.1 21.0 31.4



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

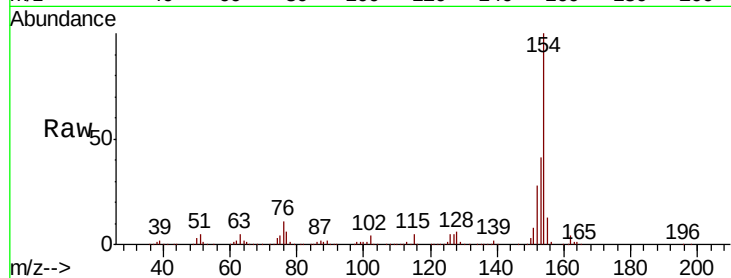




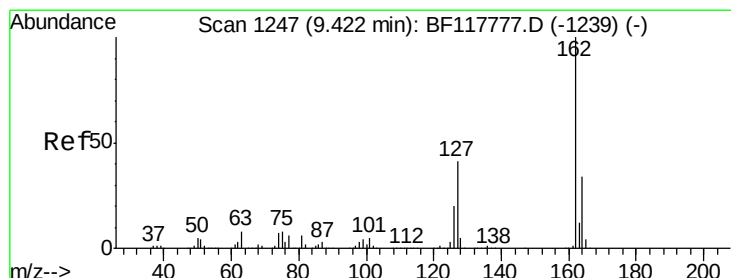
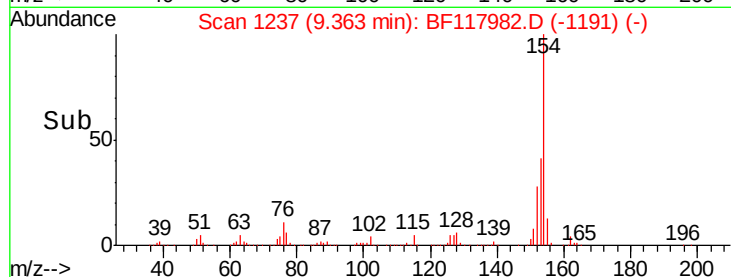
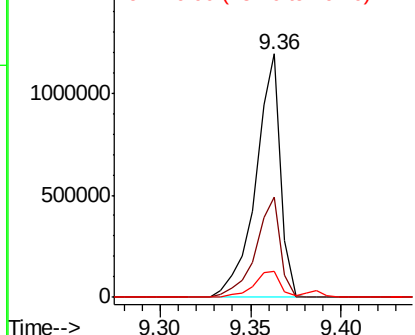
#46
 1,1'-Biphenyl
 Concen: 40.603 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1124637
 Ion Ratio Lower Upper
 154 100
 153 41.2 21.9 61.9
 76 10.9 0.0 33.6

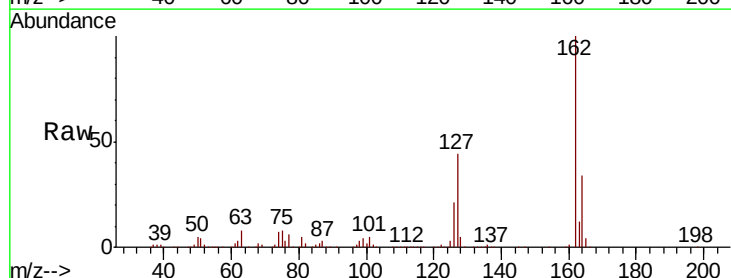


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

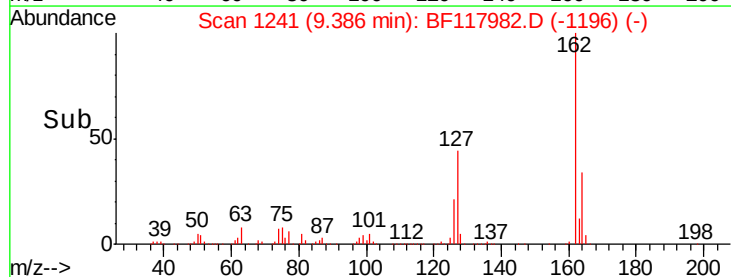
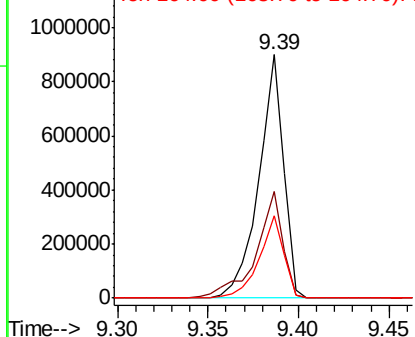


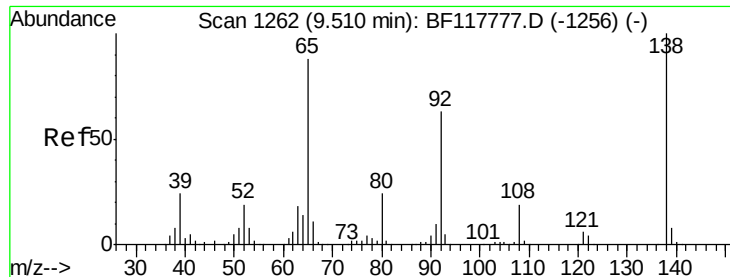
#47
 2-Chloronaphthalene
 Concen: 37.712 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:162 Resp: 859309
 Ion Ratio Lower Upper
 162 100
 127 44.0 33.2 49.8
 164 33.6 27.3 40.9



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

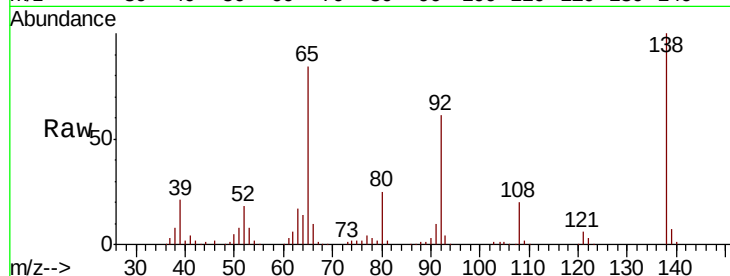




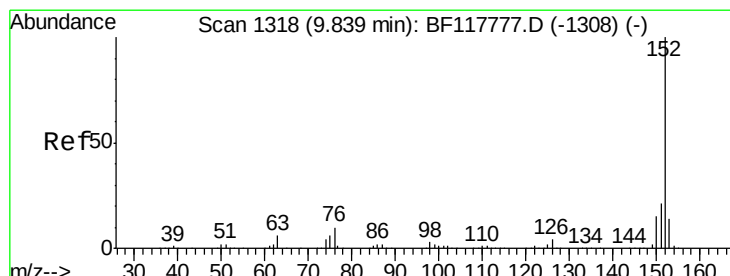
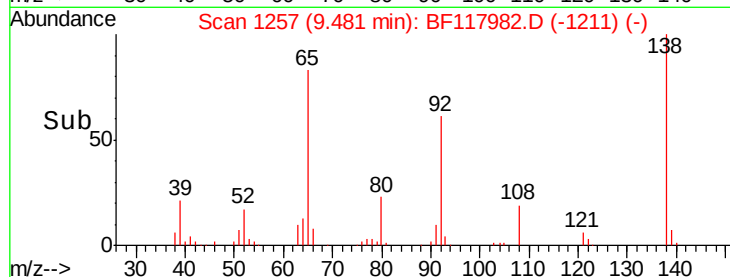
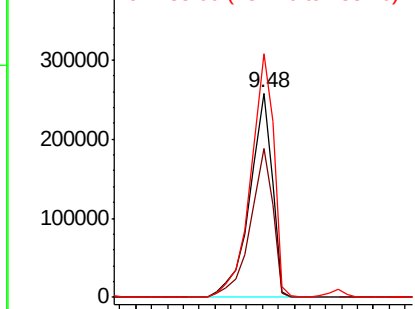
#48
2-Nitroaniline
Concen: 36.944 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 254143
Ion Ratio Lower Upper
65 100
92 73.0 56.6 84.8
138 119.1 90.5 135.7

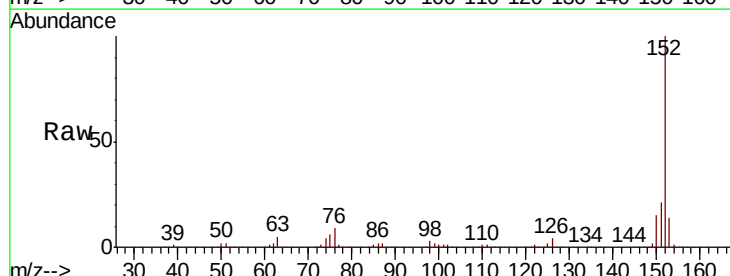


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

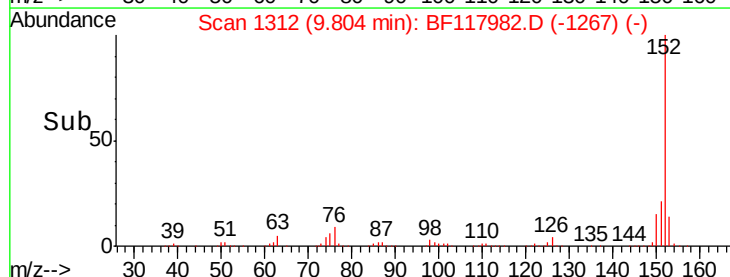
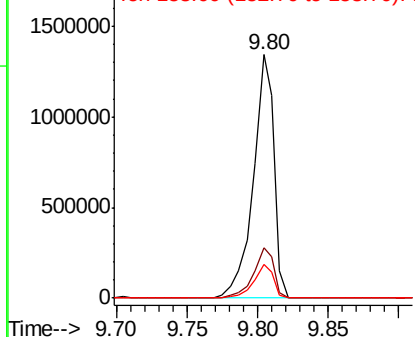


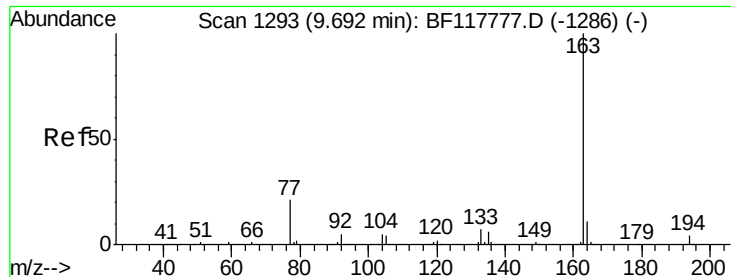
#49
Acenaphthylene
Concen: 41.558 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion: 152 Resp: 1380601
Ion Ratio Lower Upper
152 100
151 20.7 17.0 25.6
153 13.9 11.0 16.6



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: 48.655 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampled :

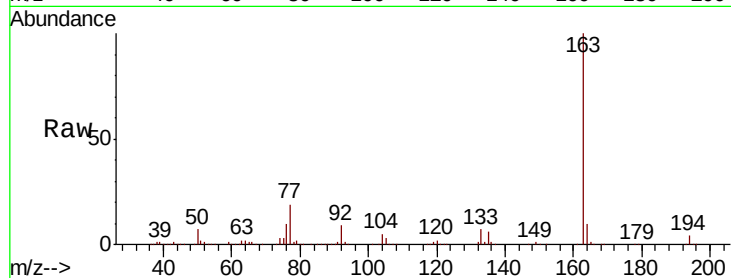
Tot Ion:163 Resp: 1273792

Ion Ratio Lower Upper

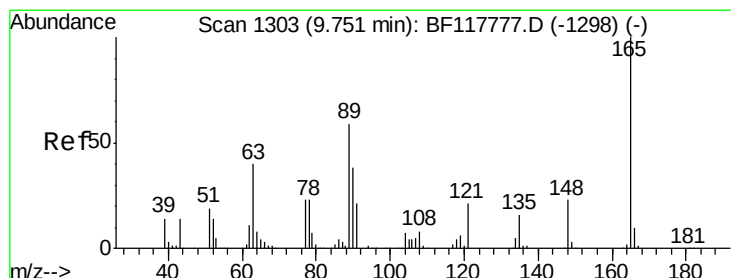
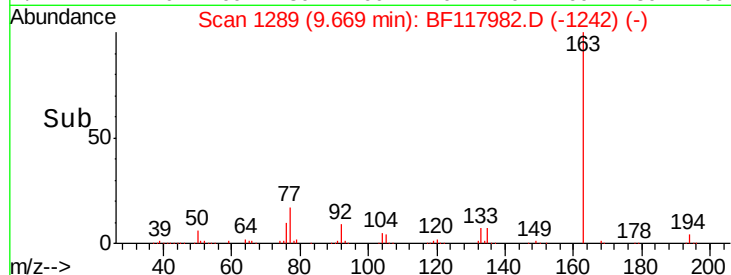
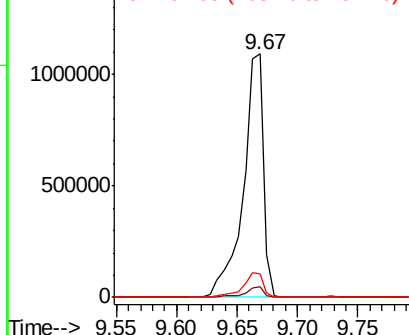
163 100

194 4.2 3.3 4.9

164 9.5 8.7 13.1



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: 41.445 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

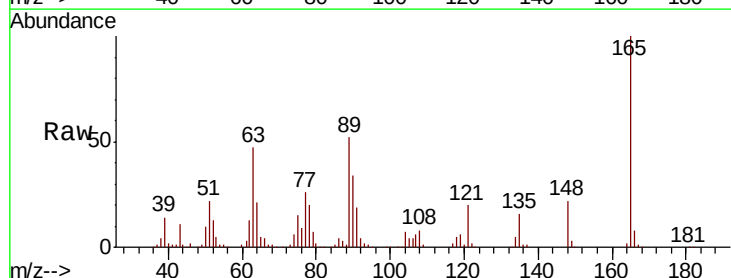
Tgt Ion:165 Resp: 237140

Ion Ratio Lower Upper

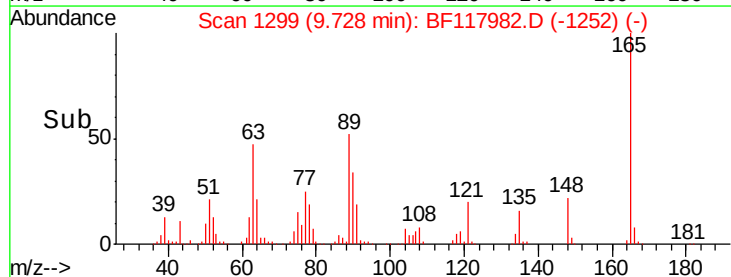
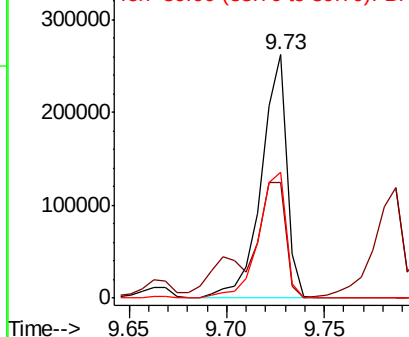
165 100

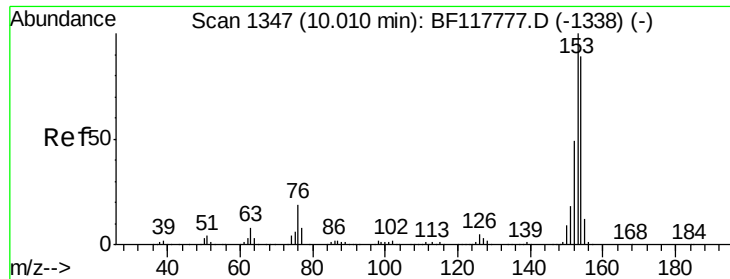
63 47.4 46.0 69.0

89 51.8 47.7 71.5



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: 38.440 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

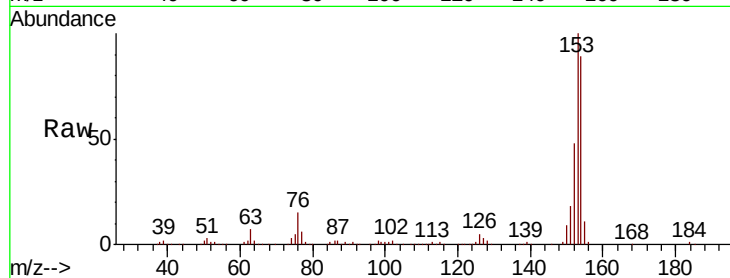
Tot Ion:154 Resp: 818053

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

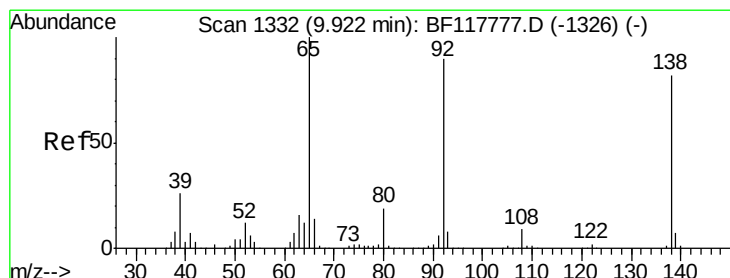
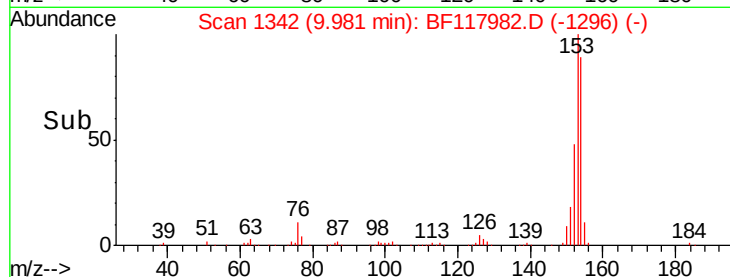
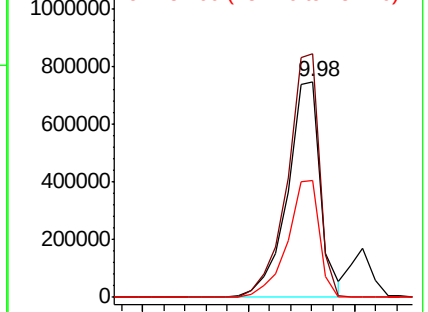
152 53.9 44.0 66.0



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: 18.391 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

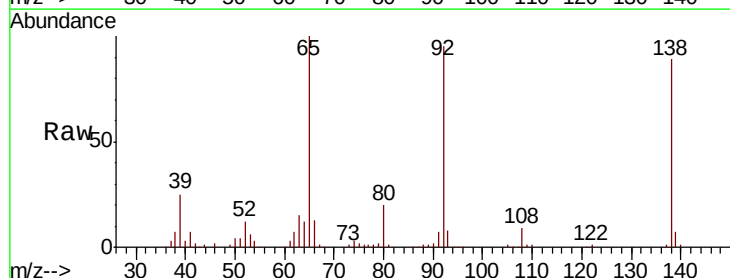
Tgt Ion:138 Resp: 125917

Ion Ratio Lower Upper

138 100

108 10.3 8.6 12.8

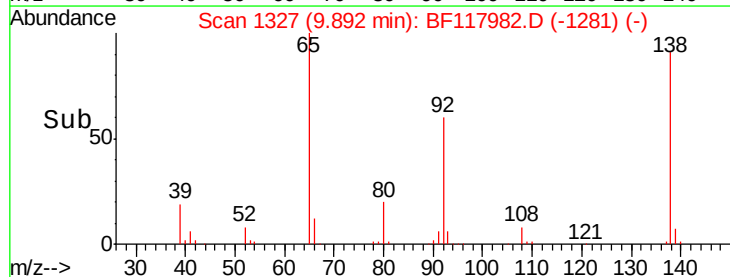
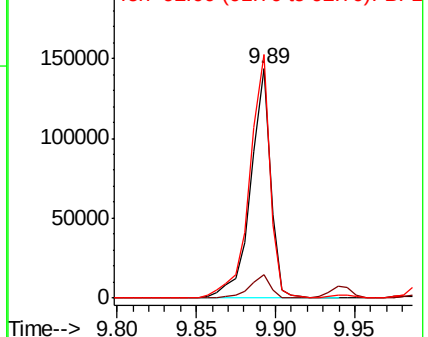
92 106.2 87.9 131.9

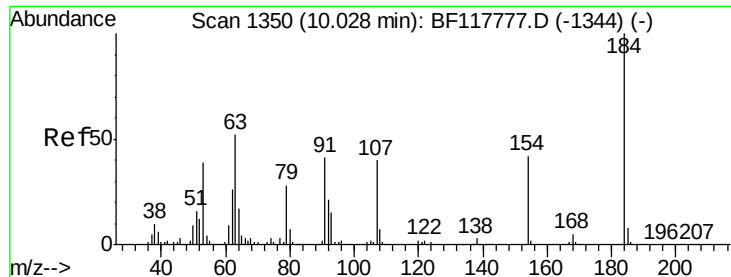


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

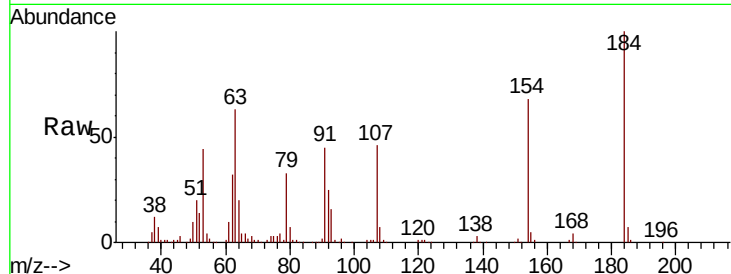




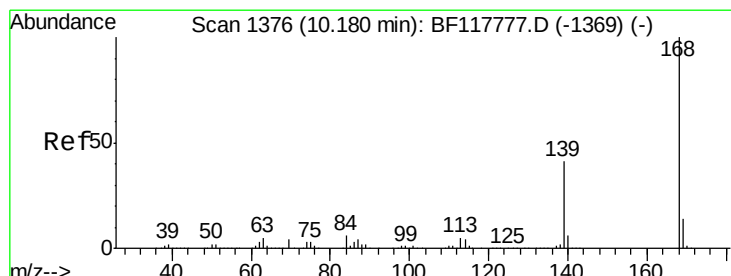
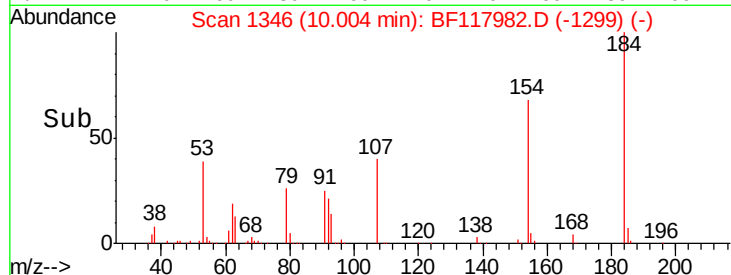
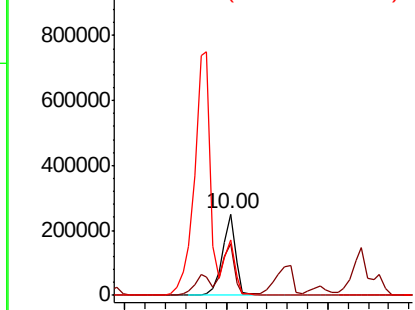
#54
2,4-Dinitrophenol
Concen: 77.754 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 227935
Ion Ratio Lower Upper
184 100
63 62.7 43.0 64.6
154 67.8 48.0 72.0

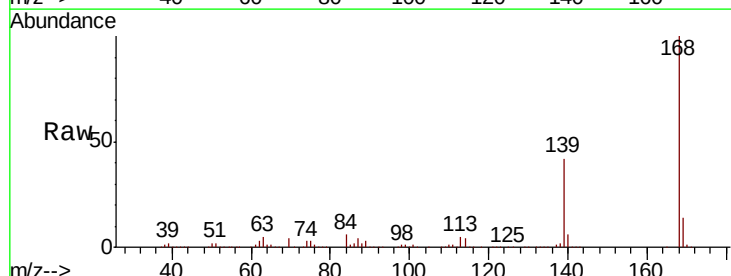


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

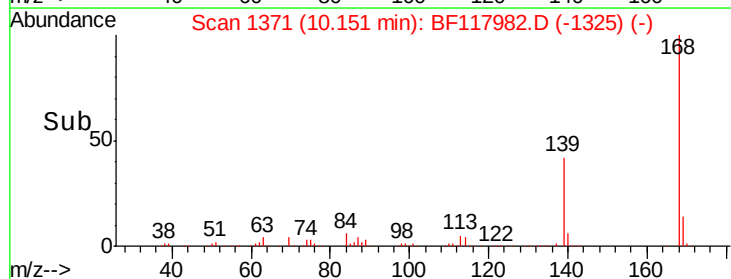
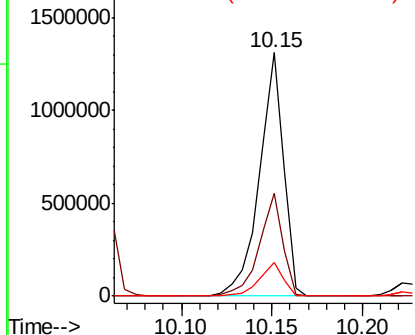


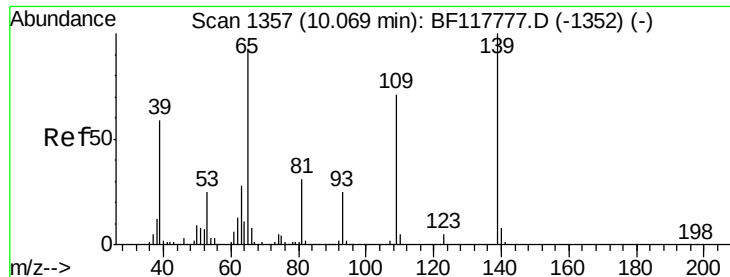
#55
Dibenzofuran
Concen: 41.254 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:168 Resp: 1215734
Ion Ratio Lower Upper
168 100
139 42.3 33.0 49.6
169 13.6 11.5 17.3



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: 78.420 ng

RT: 10.06 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

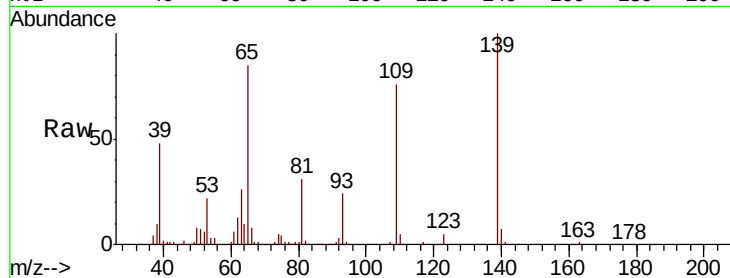
Tot Ion:139 Resp: 400761

Ion Ratio Lower Upper

139 100

109 75.7 50.8 90.8

65 84.8 73.6 113.6

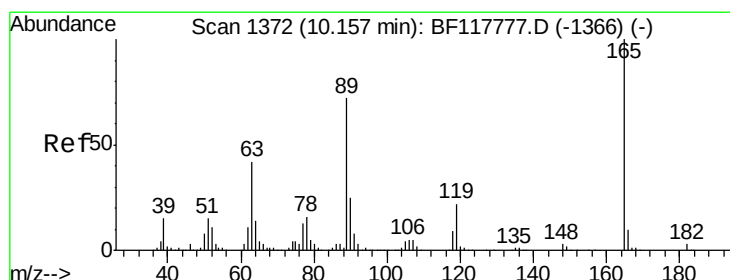
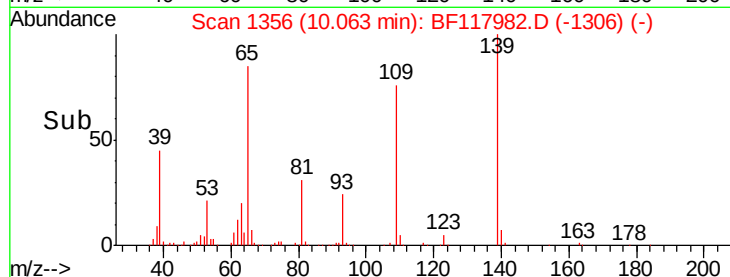
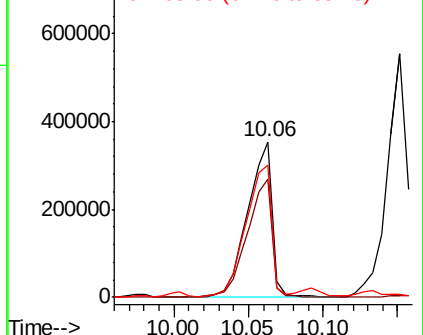


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#57

2,4-Dinitrotoluene

Concen: 43.499 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:165 Resp: 316606

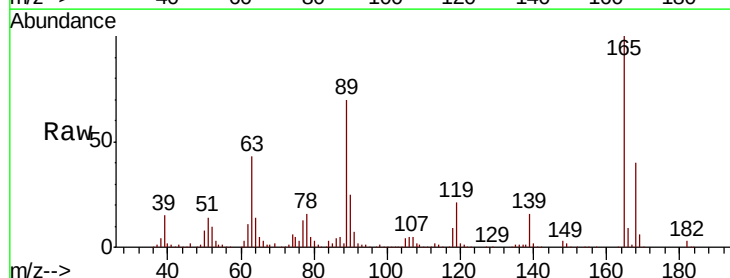
Ion Ratio Lower Upper

165 100

63 42.9 33.7 50.5

89 70.1 57.3 85.9

182 3.0 2.3 3.5



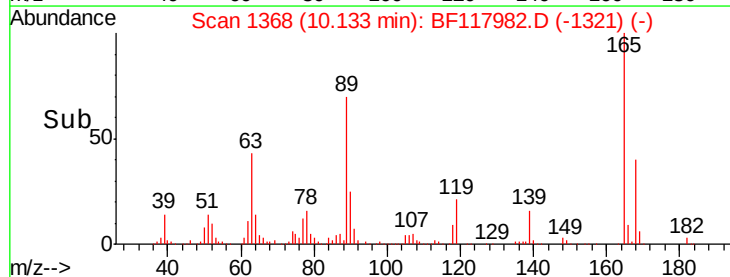
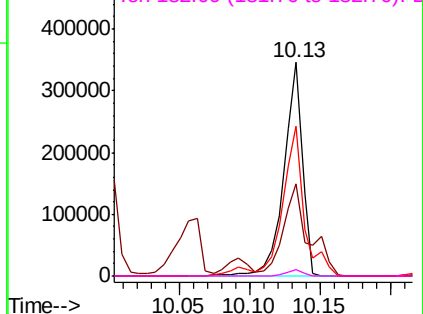
Abundance

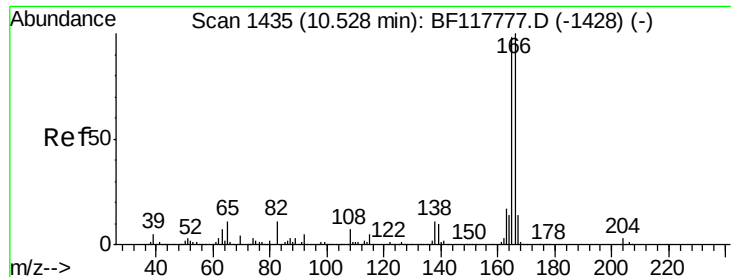
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 41.123 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

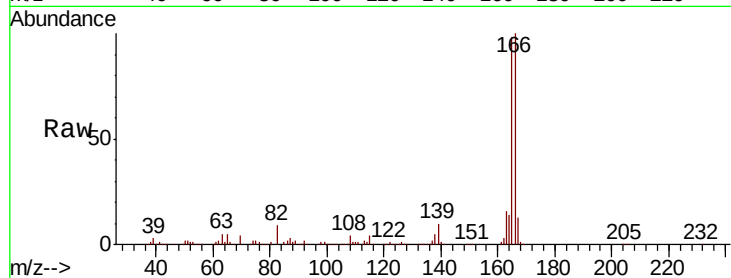
Tot Ion:166 Resp: 939111

Ion Ratio Lower Upper

166 100

165 98.0 78.4 117.6

167 13.1 11.0 16.4

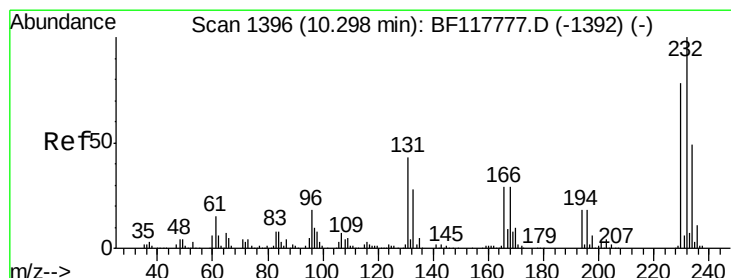
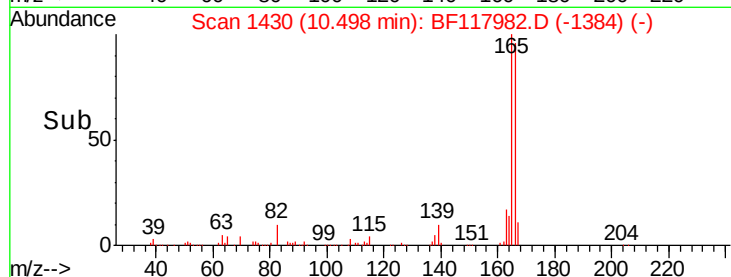
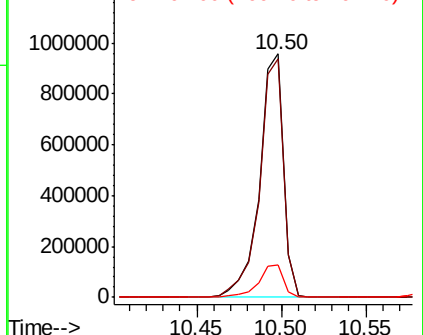


Abundance

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: 39.897 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:232 Resp: 264319

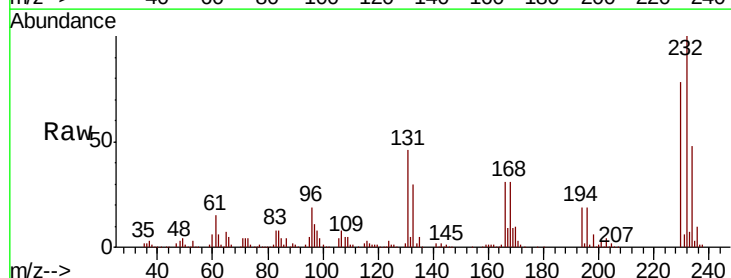
Ion Ratio Lower Upper

232 100

131 49.3 37.6 56.4

130 2.5 1.9 2.9

166 32.3 24.2 36.4



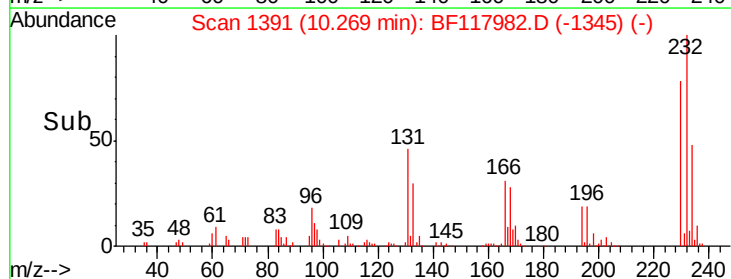
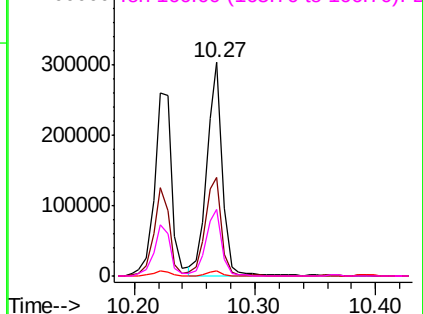
Abundance

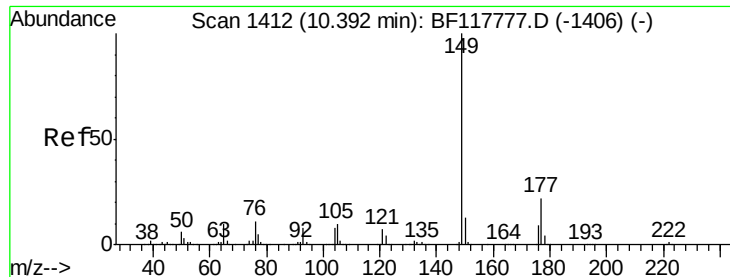
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

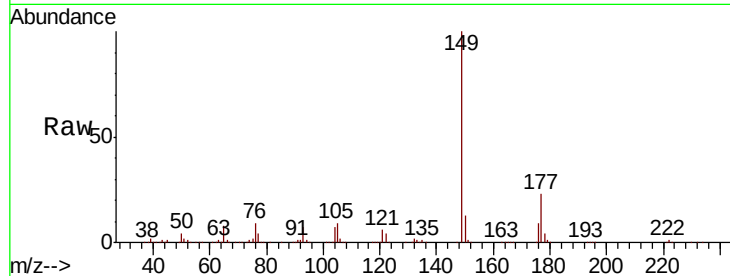




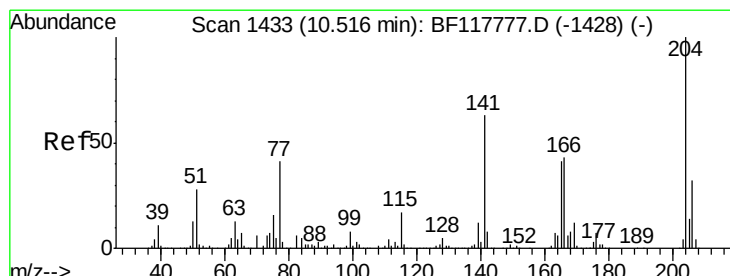
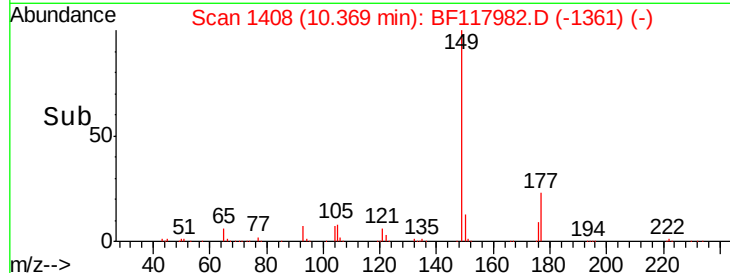
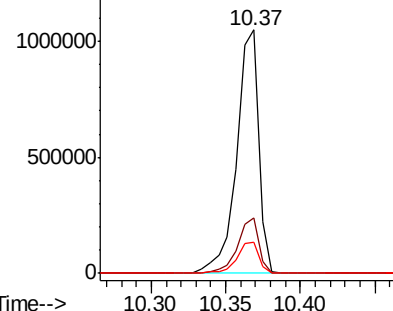
#60
Diethylphthalate
Concen: 41.693 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1064172
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.8 10.5 15.7

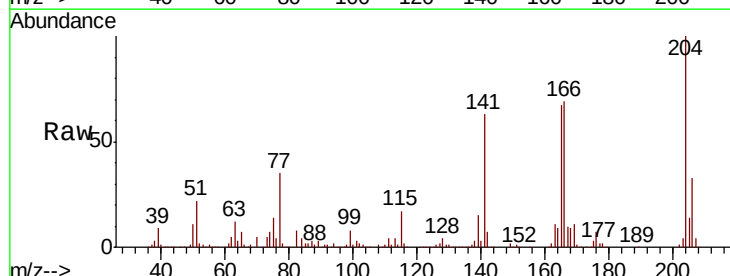


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

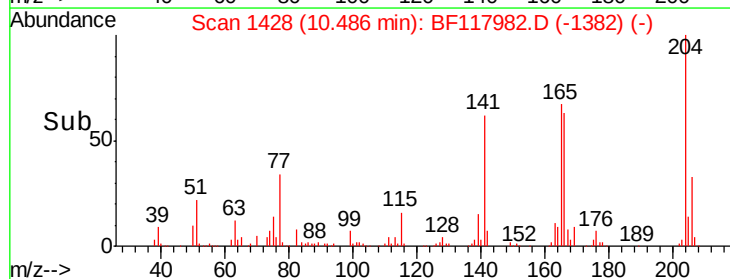
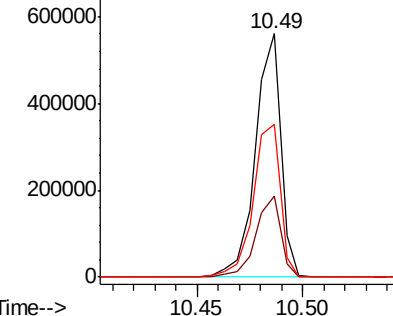


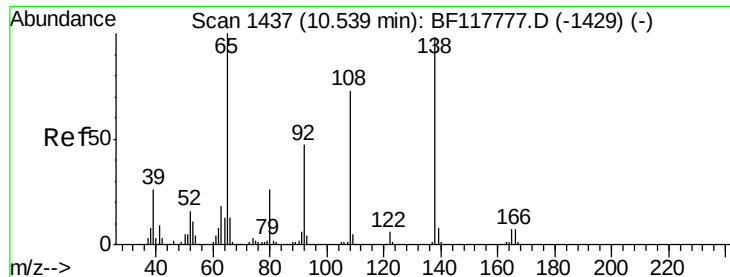
#61
4-Chlorophenyl-phenylether
Concen: 40.527 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:204 Resp: 469679
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 62.6 50.7 76.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 34.051 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

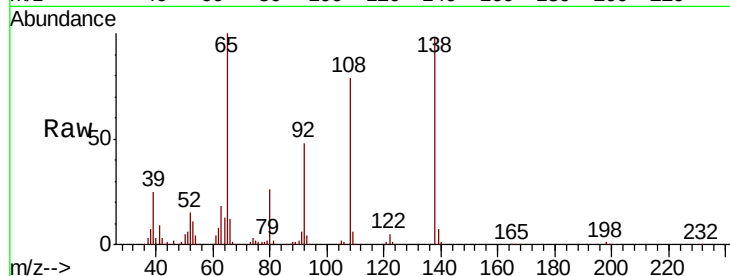
Tot Ion:138 Resp: 233425

Ion Ratio Lower Upper

138 100

92 49.4 28.3 68.3

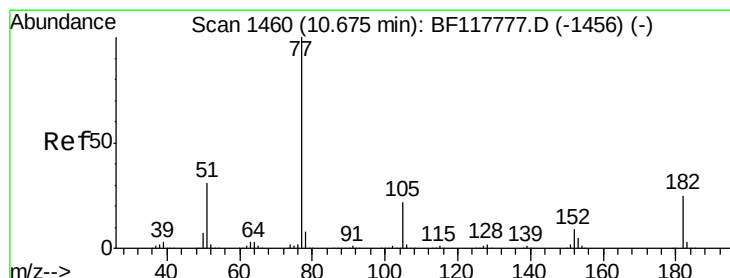
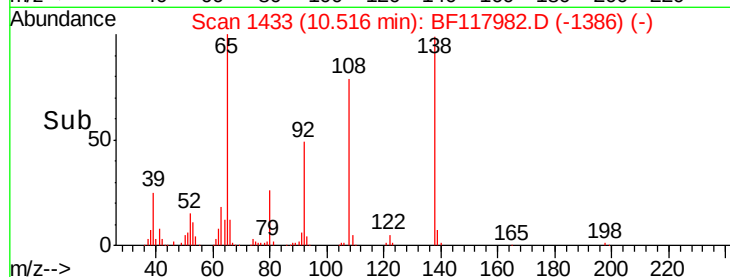
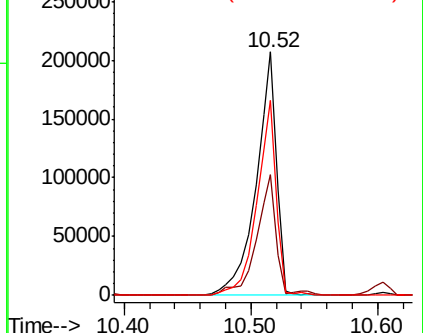
108 80.2 54.3 94.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.255 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion: 77 Resp: 934746

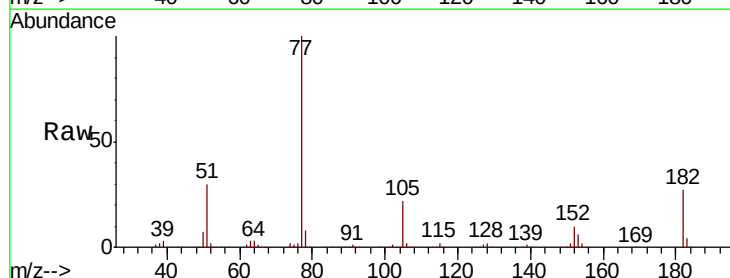
Ion Ratio Lower Upper

77 100

182 27.5 4.8 44.8

105 22.2 2.1 42.1

51 30.0 11.4 51.4

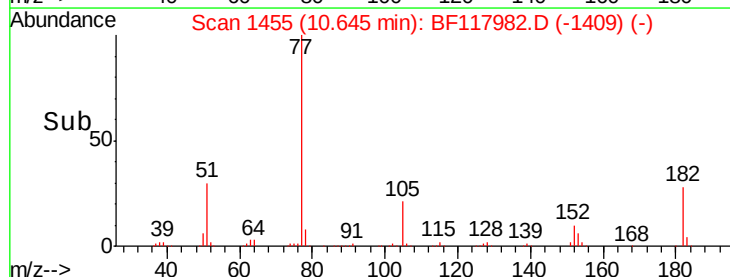
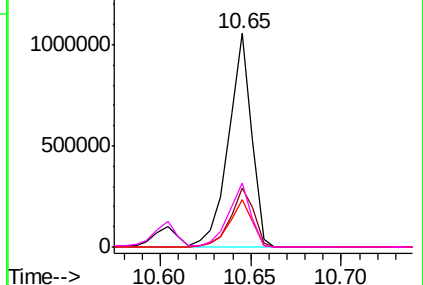


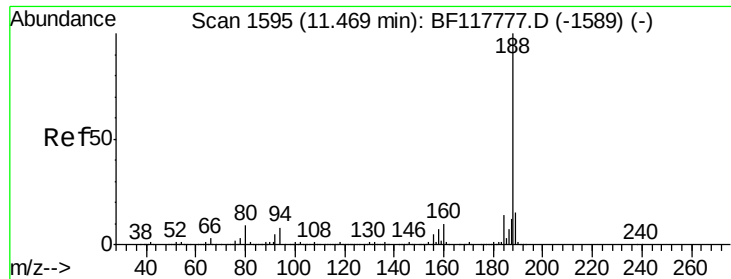
Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.43 min Scan# 1589

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampled :

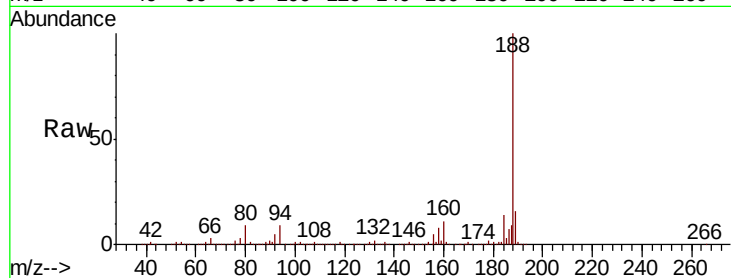
Tot Ion:188 Resp: 709860

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

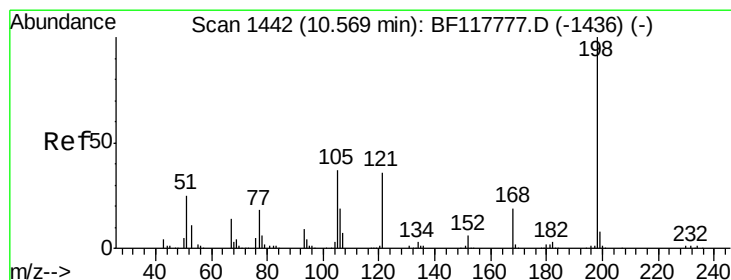
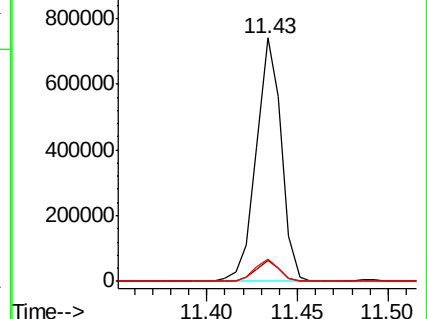
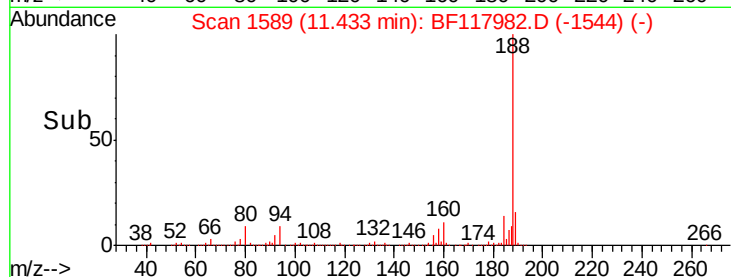
80 9.3 7.2 10.8



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: 47.665 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

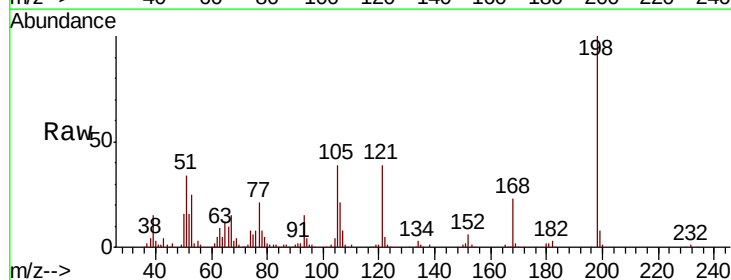
Tgt Ion:198 Resp: 157957

Ion Ratio Lower Upper

198 100

51 34.2 16.0 56.0

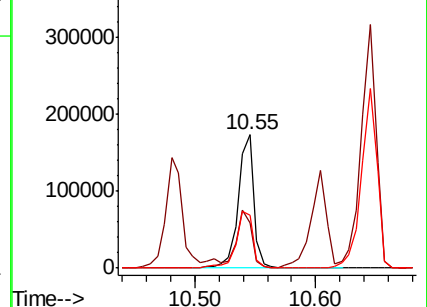
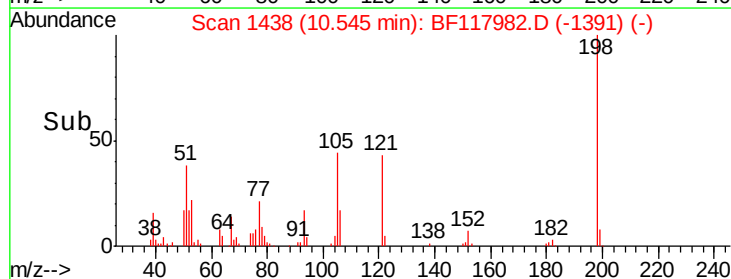
105 39.2 19.1 59.1

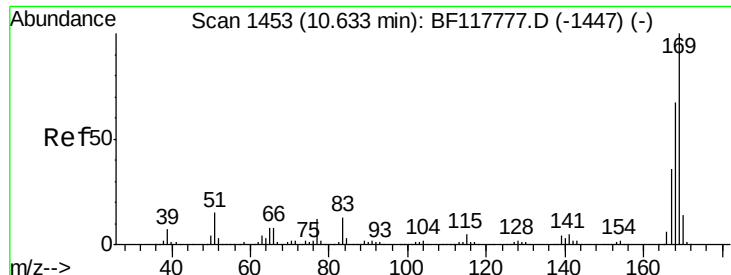


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

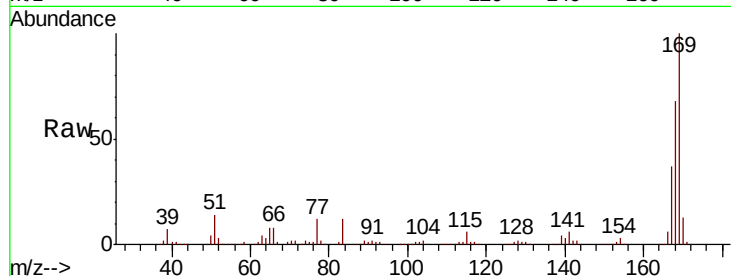




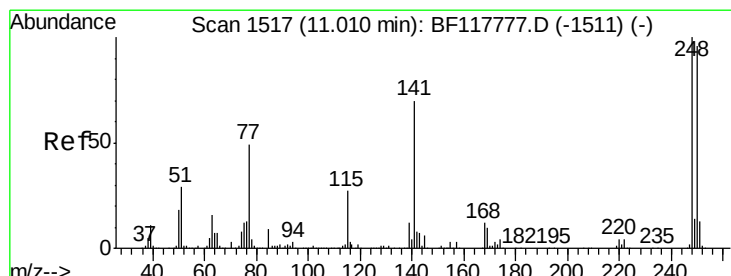
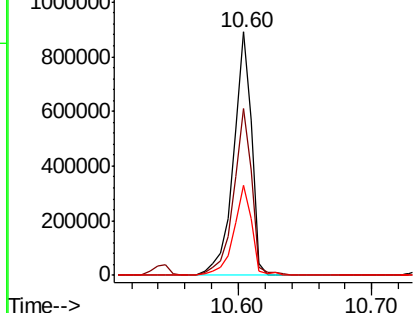
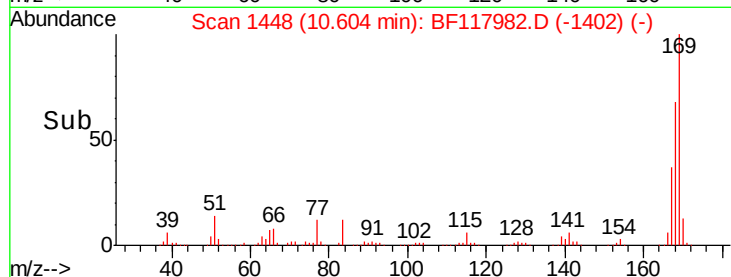
#66
 n-Nitrosodiphenylamine
 Concen: 40.871 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	844353
Ion Ratio	100	Lower	Upper
169	100		
168	68.4	53.5	80.3
167	36.9	29.0	43.4

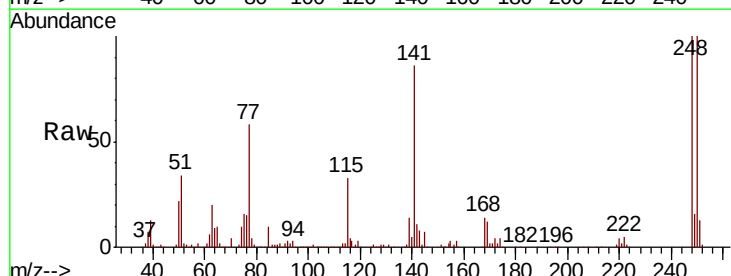


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

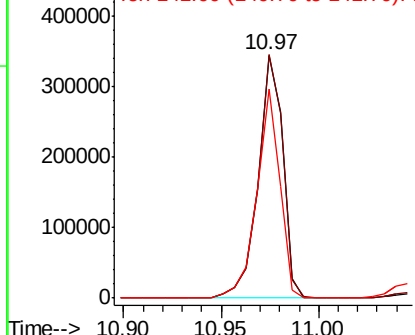
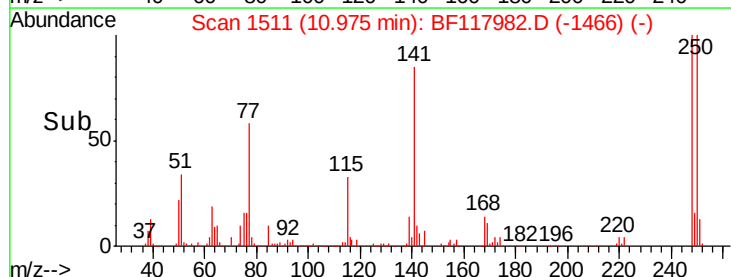


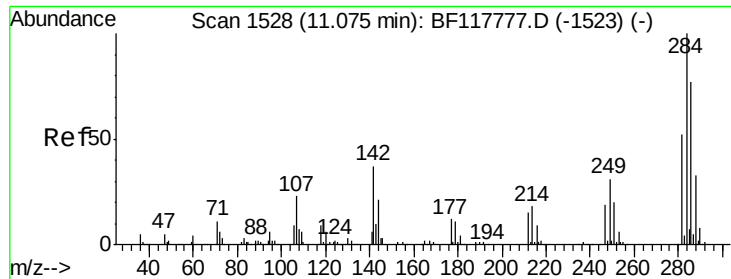
#67
 4-Bromophenyl-phenylether
 Concen: 39.571 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.04 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	248	Resp	303087
Ion Ratio	100	Lower	Upper
248	100		
250	100.4	76.6	115.0
141	86.2	55.9	83.9



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





#68

Hexachlorobenzene

Concen: 38.740 ng

RT: 11.05 min Scan# 1523

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampled :

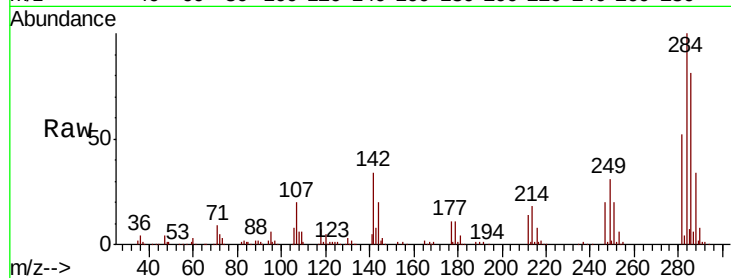
Tot Ion:284 Resp: 345995

Ion Ratio Lower Upper

284 100

142 34.3 29.4 44.2

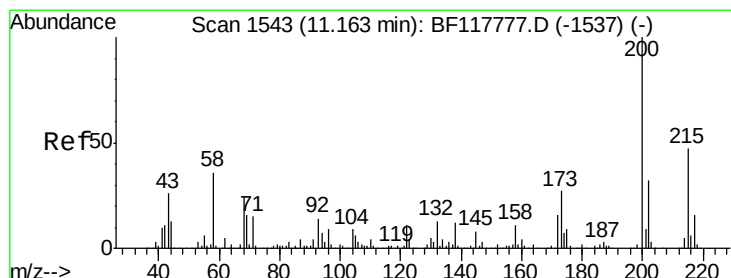
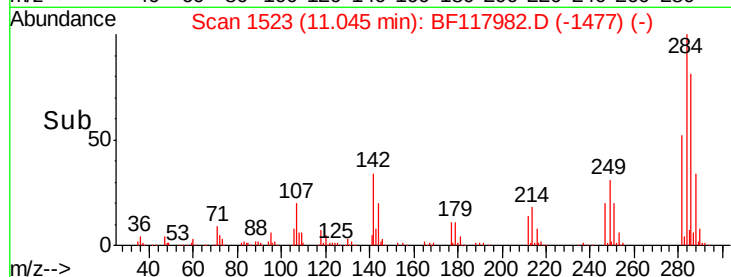
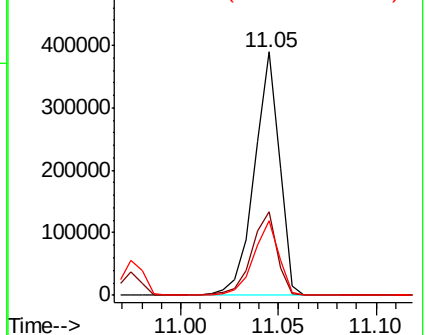
249 30.7 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 44.382 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.03 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

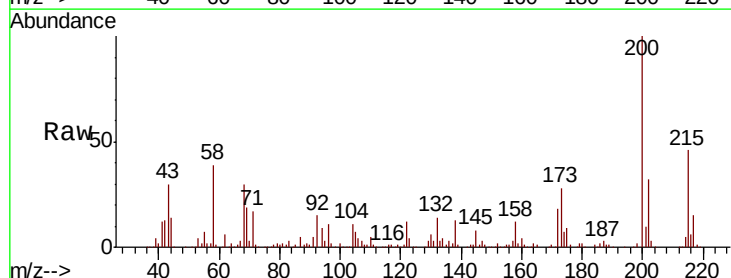
Tgt Ion:200 Resp: 301614

Ion Ratio Lower Upper

200 100

173 28.1 6.7 46.7

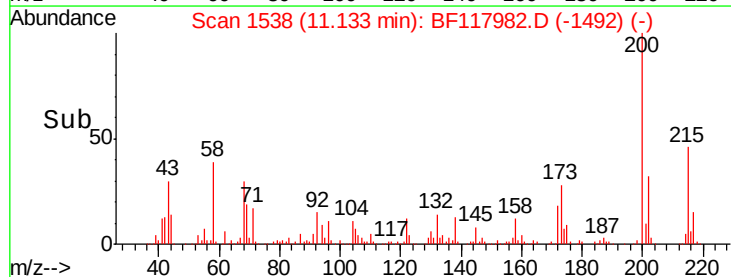
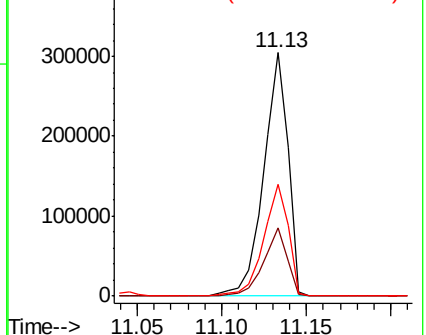
215 45.8 27.5 67.5

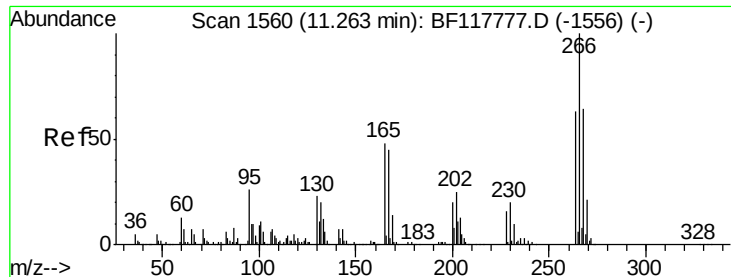


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

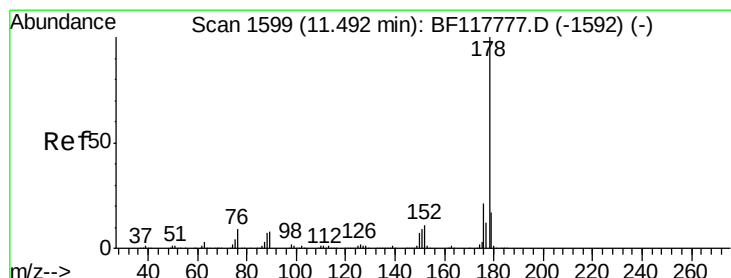
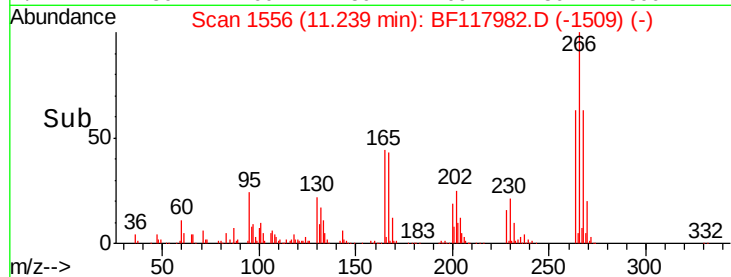
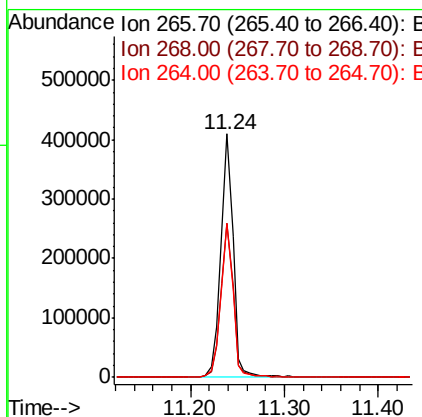
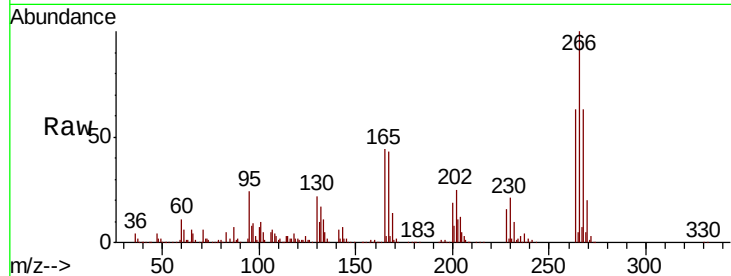




#70
 Pentachlorophenol
 Concen: 73.140 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

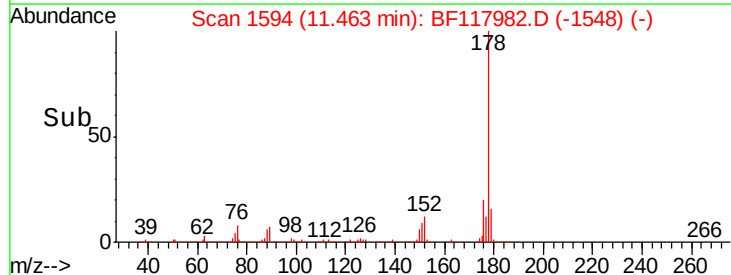
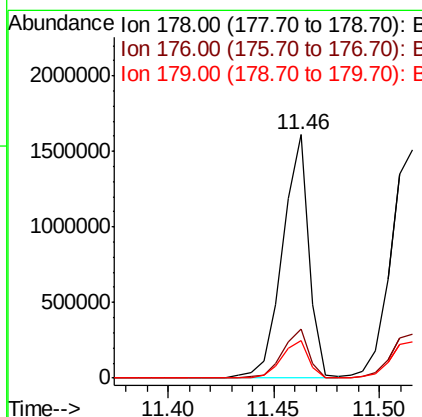
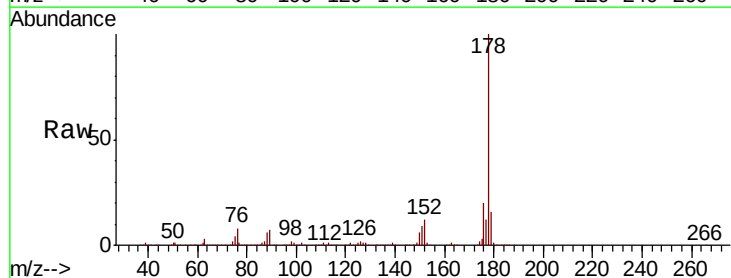
Instrument :
 BNA_F
 ClientSampleId :

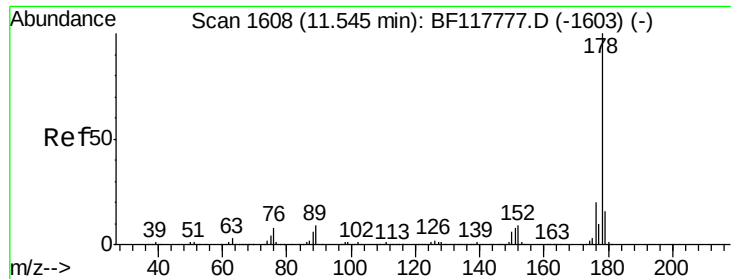
Tot Ion:266 Resp: 381631
 Ion Ratio Lower Upper
 266 100
 268 63.4 50.8 76.2
 264 63.3 50.7 76.1



#71
 Phenanthrene
 Concen: 39.247 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:178 Resp: 1400693
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 15.6 13.2 19.8

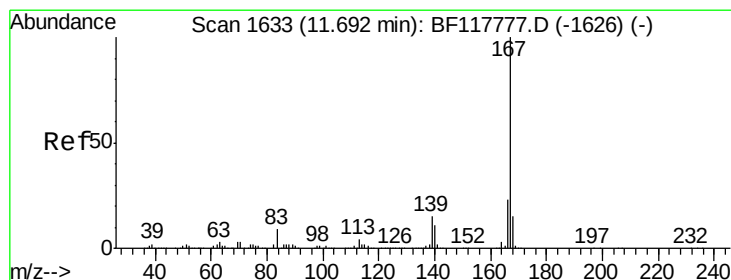
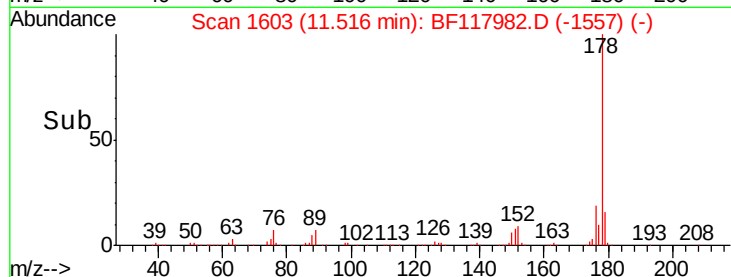
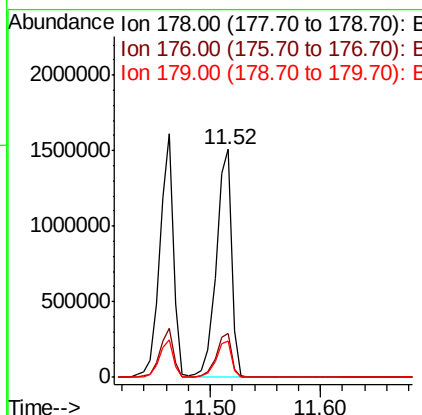
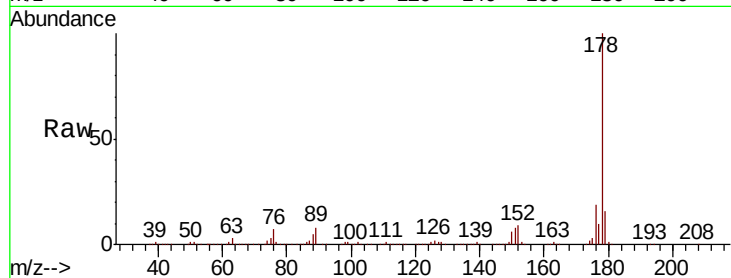




#72
 Anthracene
 Concen: 40.943 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

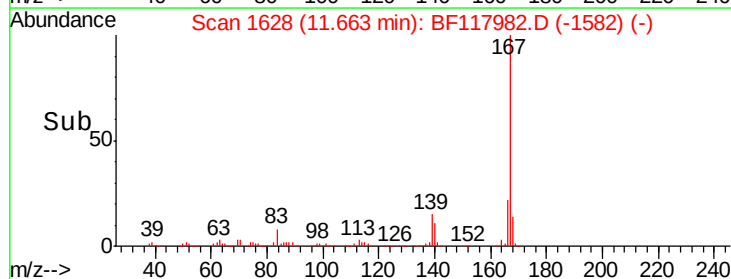
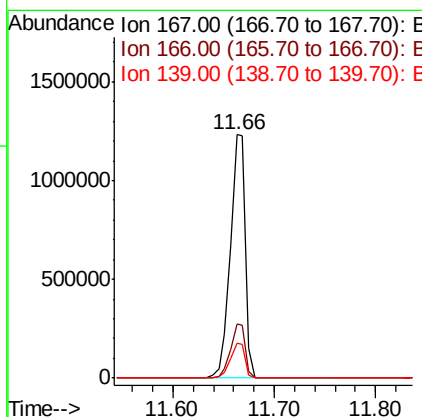
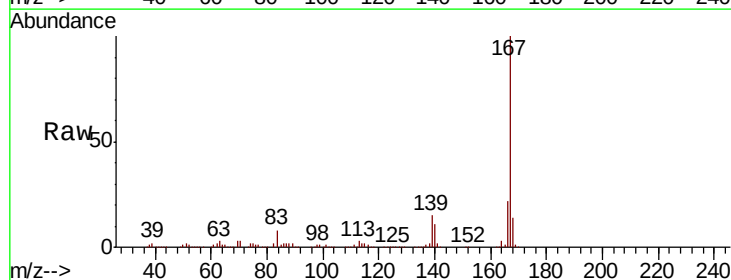
Instrument :
 BNA_F
 ClientSampleId :

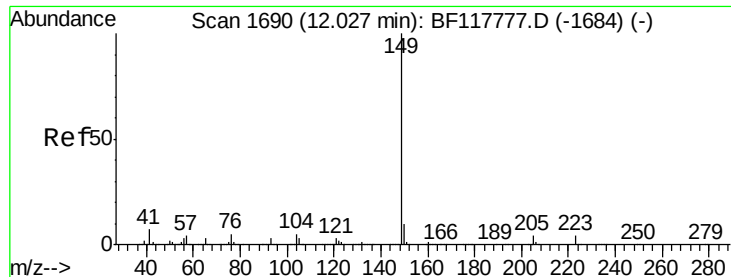
Tot Ion:178 Resp: 1448790
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.1 24.1
 179 15.8 13.0 19.4



#73
 Carbazole
 Concen: 40.897 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:167 Resp: 1264614
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 14.5 11.7 17.5





#74

Di-n-butylphthalate

Concen: 42.678 ng

RT: 11.99 min Scan# 1684

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

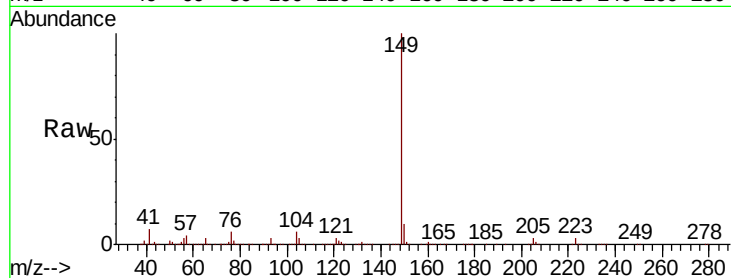
Tot Ion:149 Resp: 1643104

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

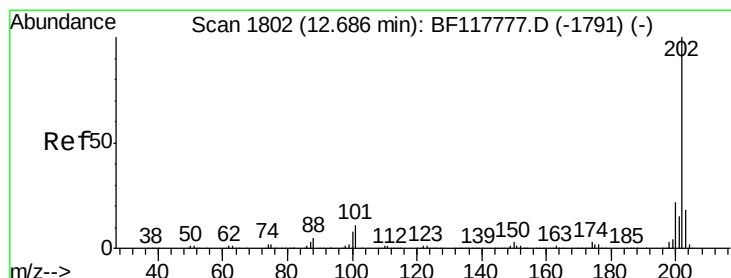
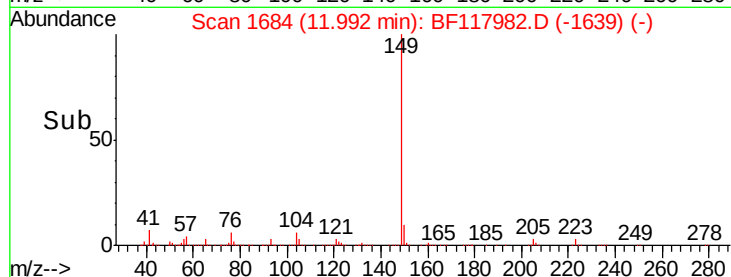
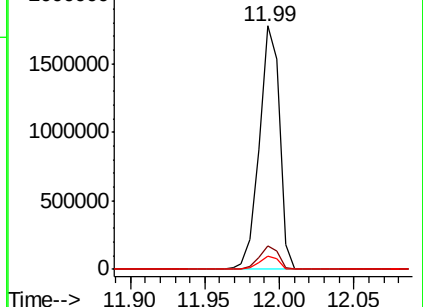
104 5.5 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 43.333 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

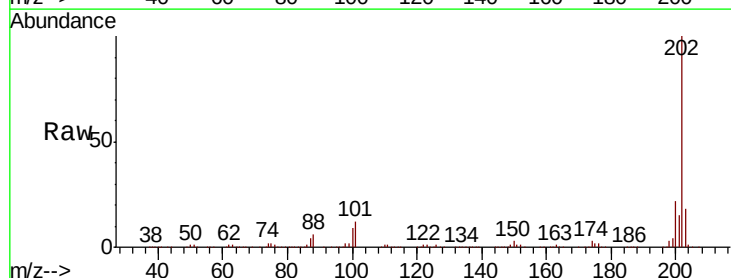
Tgt Ion:202 Resp: 1417381

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.1

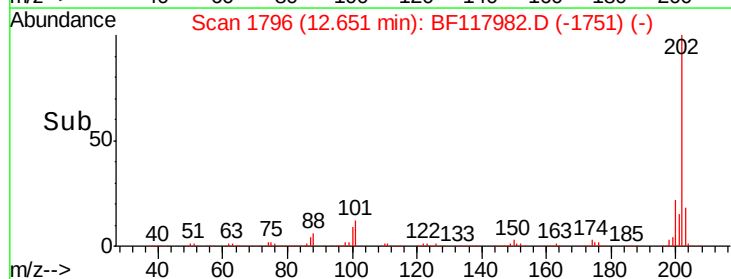
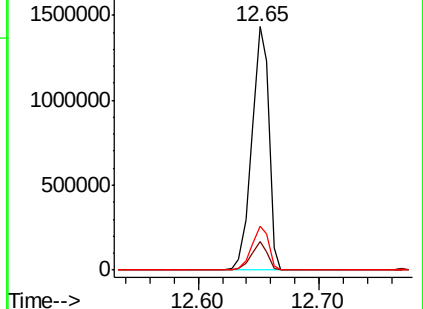
203 18.0 0.0 38.2

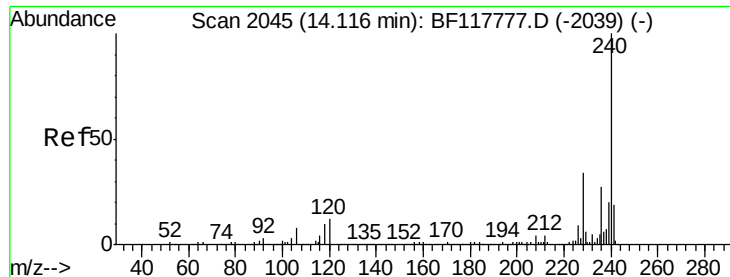


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

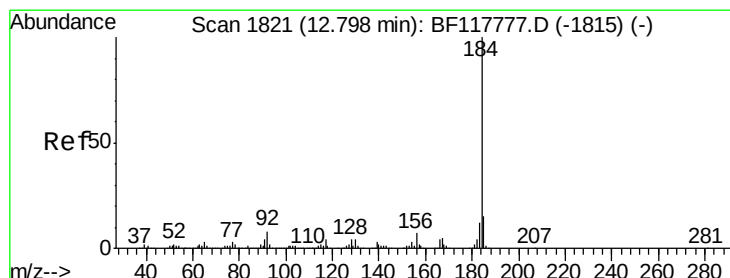
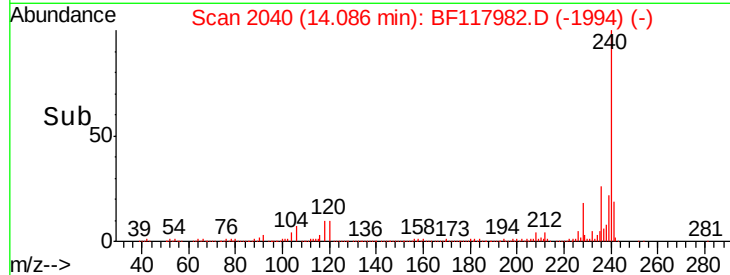
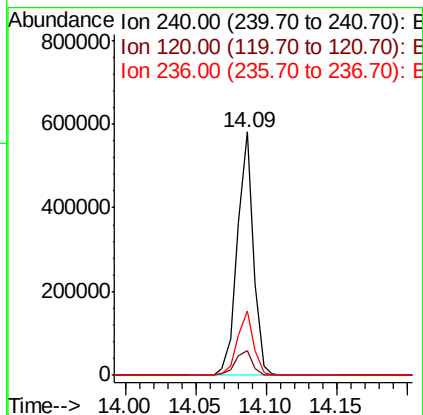
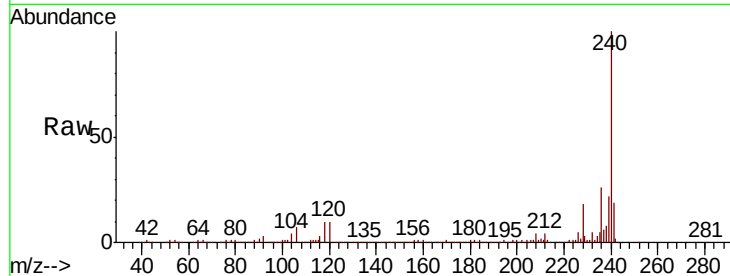




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

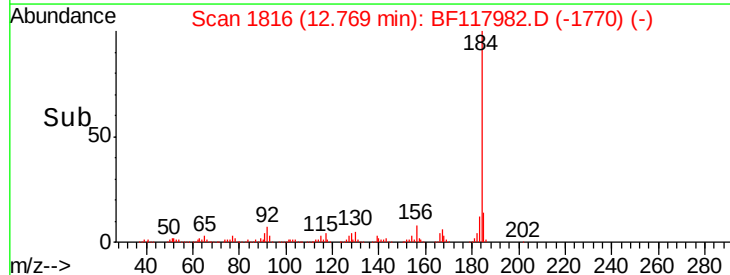
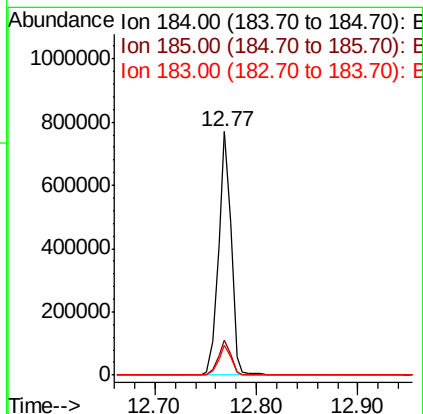
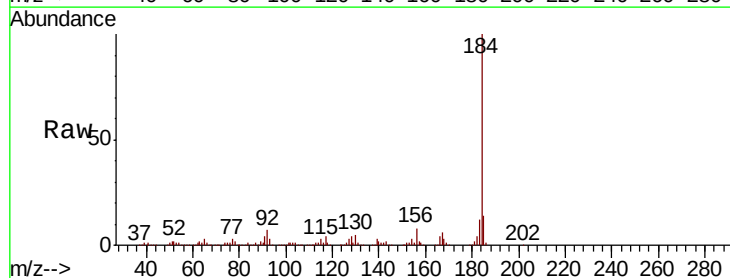
Instrument :
 BNA_F
 ClientSampleId :

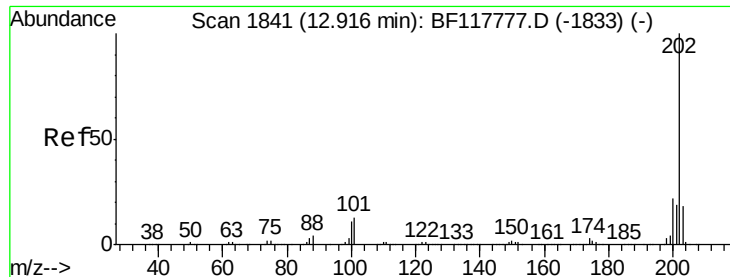
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.4	21.3	31.9



#77
 Benzidine
 Concen: 44.242 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.4
183	12.3	9.5	14.3

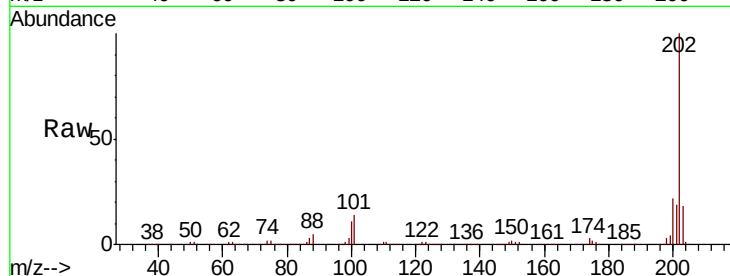




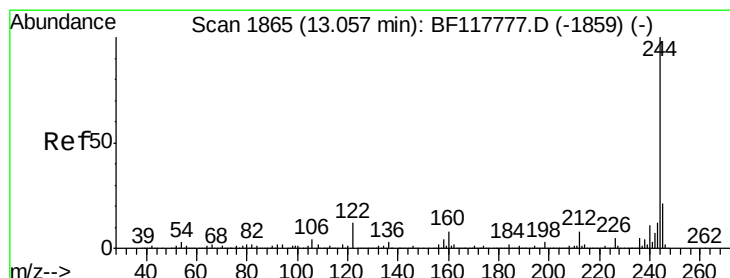
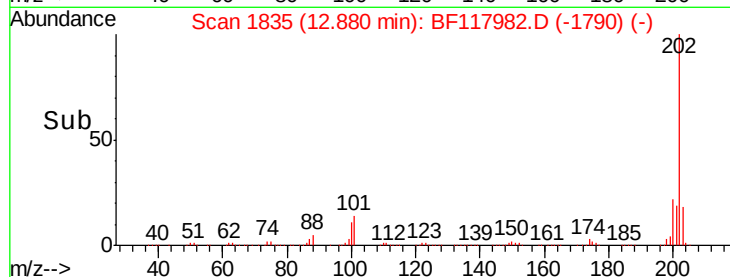
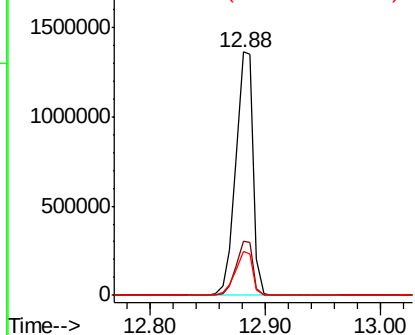
#78
Pvrene
Concen: 38.140 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1411215
Ion Ratio Lower Upper
202 100
200 22.1 17.8 26.8
203 18.1 14.6 22.0

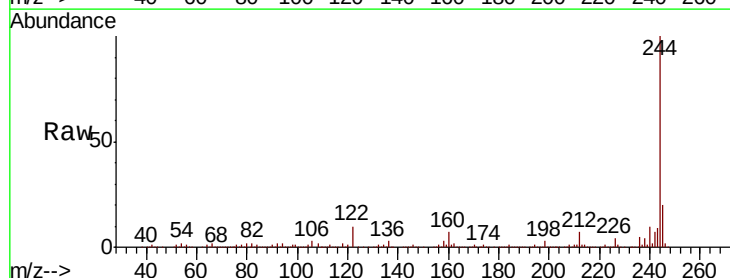


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

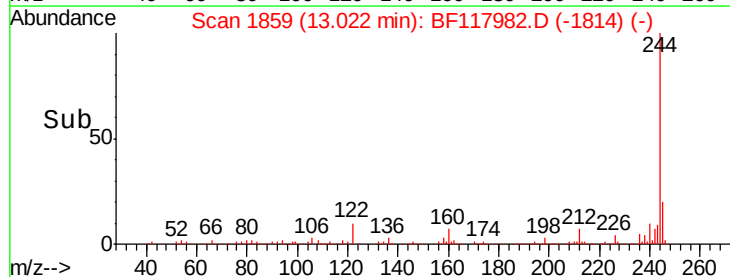
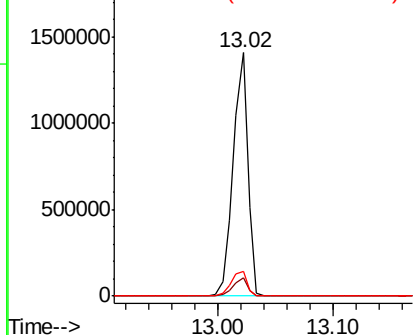


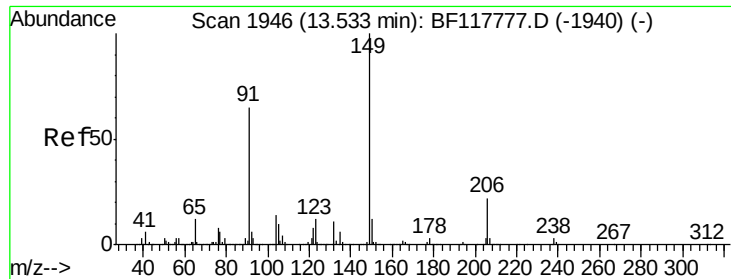
#79
Terphenyl-d14
Concen: 49.815 ng
RT: 13.02 min Scan# 1859
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:244 Resp: 1247951
Ion Ratio Lower Upper
244 100
212 7.3 6.3 9.5
122 10.2 9.4 14.2



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

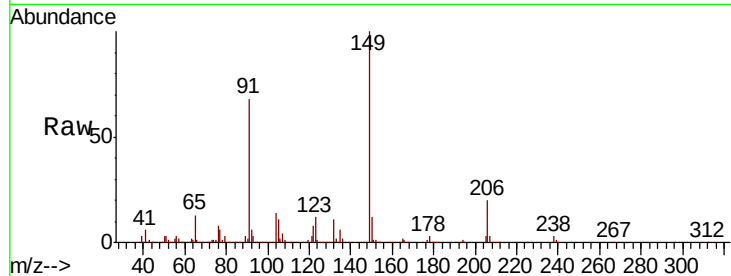




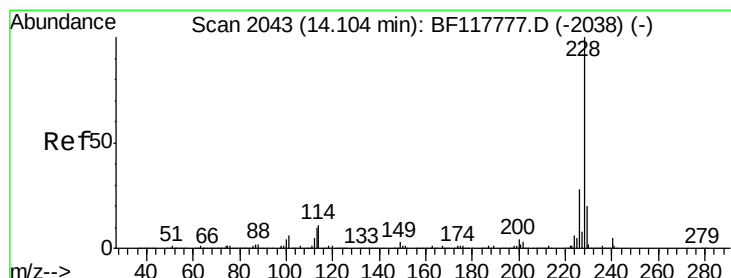
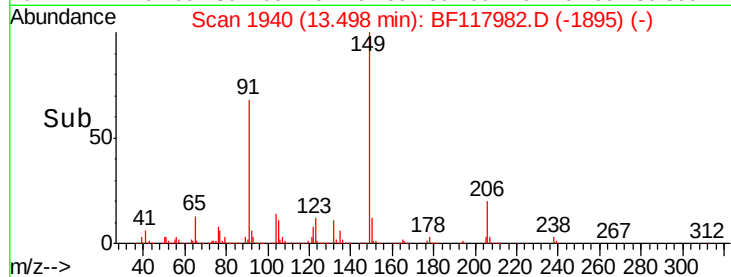
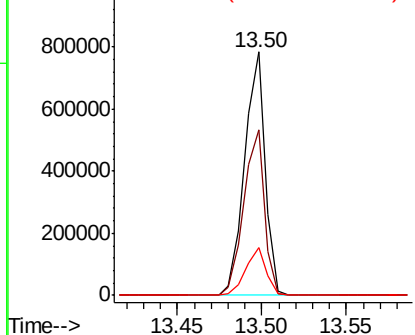
#80
Butylbenzylphthalate
Concen: 42.047 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 668214
Ion Ratio Lower Upper
149 100
91 67.7 51.9 77.9
206 19.7 17.2 25.8

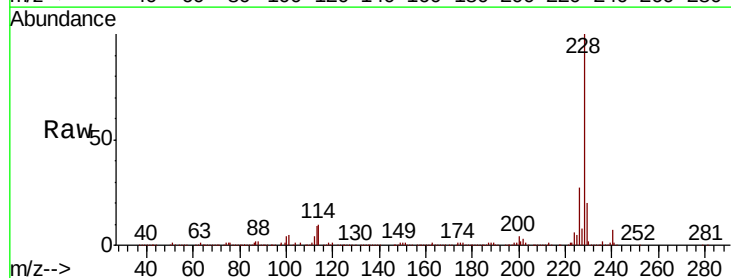


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

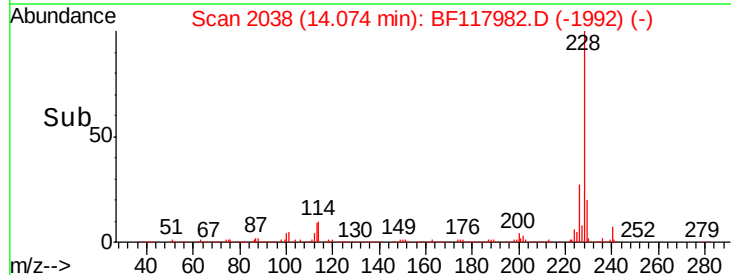
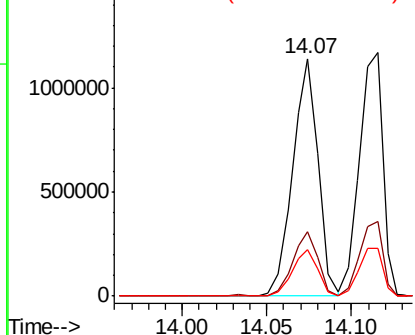


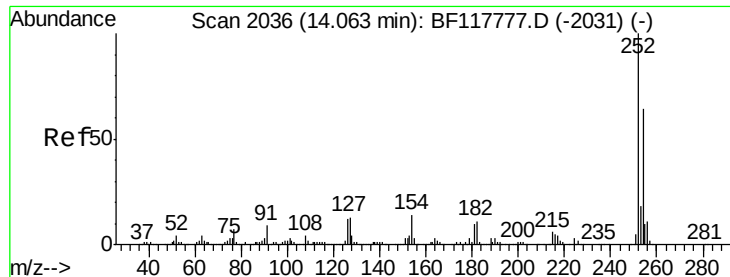
#81
Benzo(a)anthracene
Concen: 39.281 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.03 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:228 Resp: 1188477
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.2
229 19.6 15.9 23.9



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

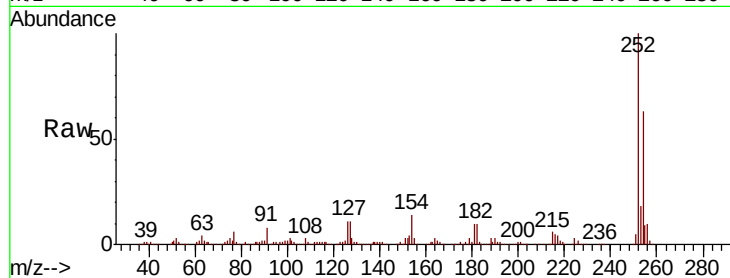




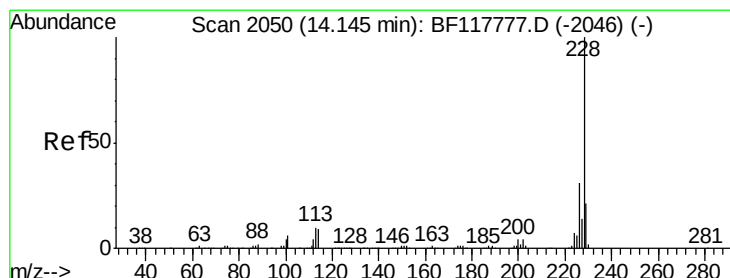
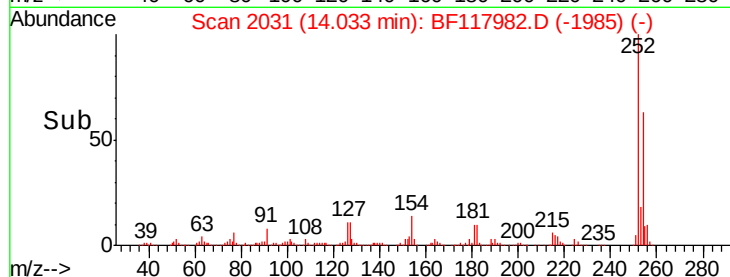
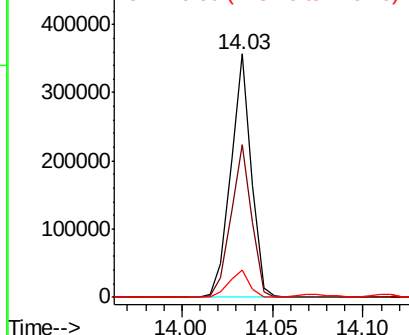
#82
 3,3'-Dichlorobenzidine
 Concen: 26.620 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 281727
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.0 76.6
 126 11.0 9.7 14.5

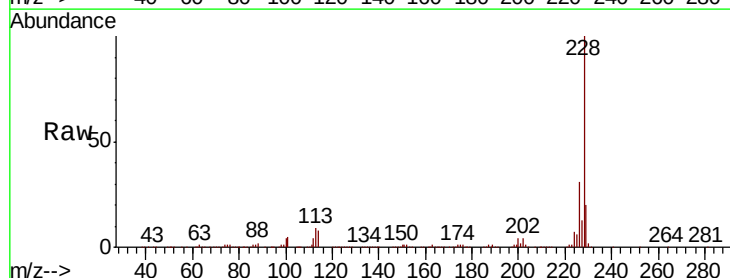


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

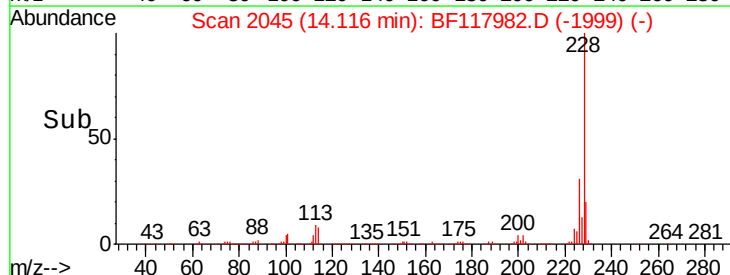
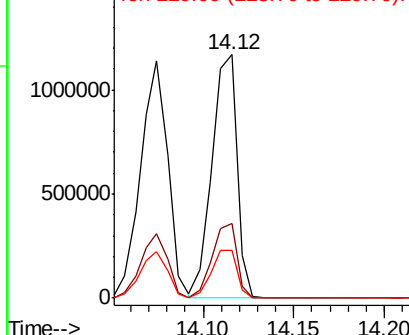


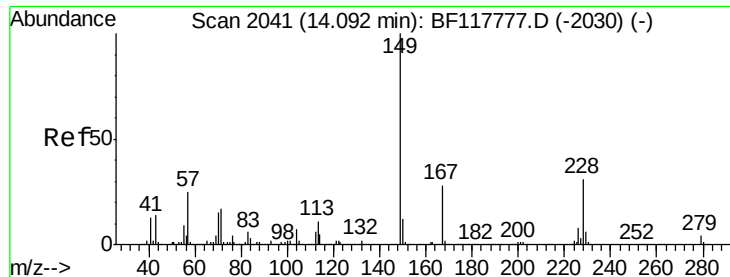
#83
 Chrysene
 Concen: 38.326 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: BF117982.D
 Acq: 25 Nov 2019 22:52

Tgt Ion:228 Resp: 1123628
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.4
 229 19.6 16.6 25.0



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.199 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :

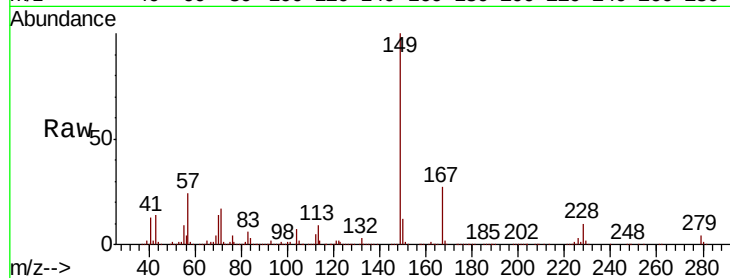
Tot Ion:149 Resp: 928638

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

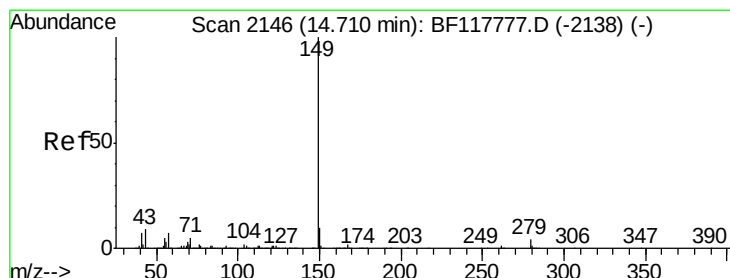
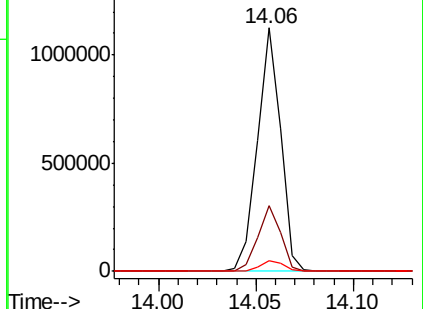
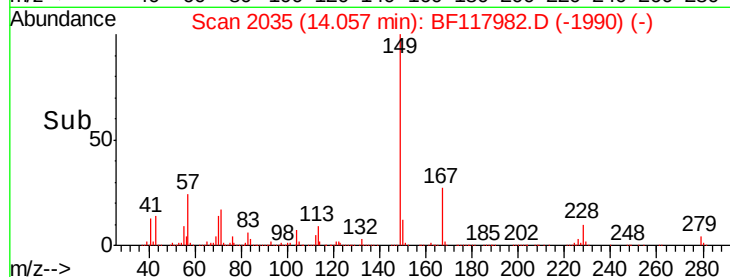
279 4.3 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 52.502 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

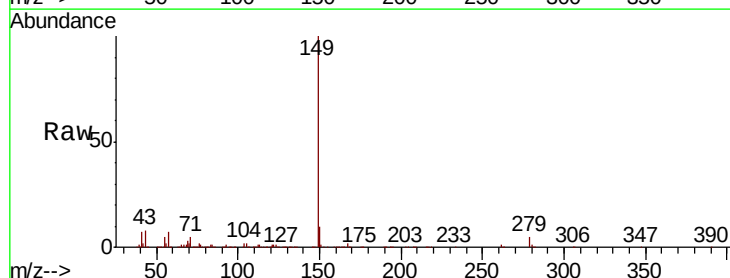
Tgt Ion:149 Resp: 1486069

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

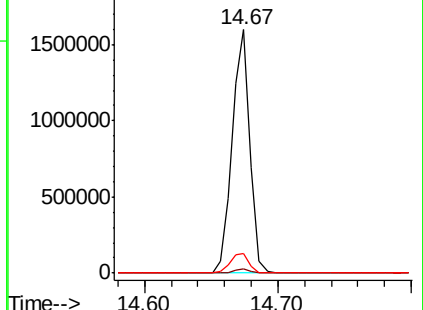
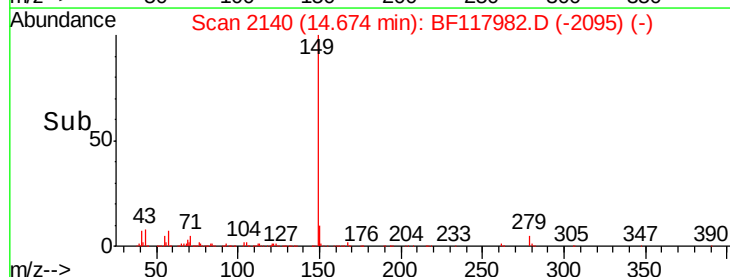
43 8.5 7.4 11.2

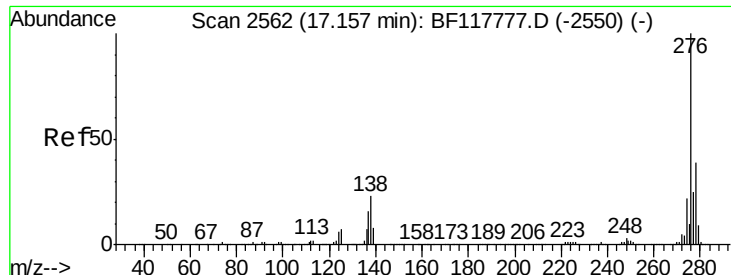


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

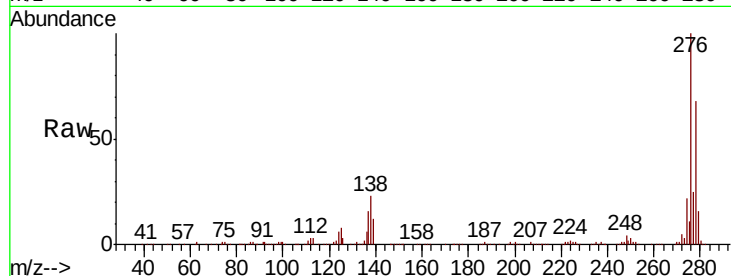




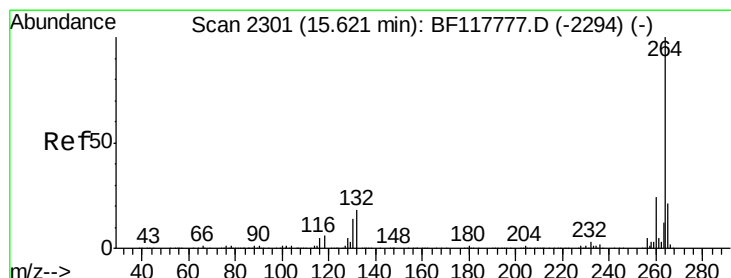
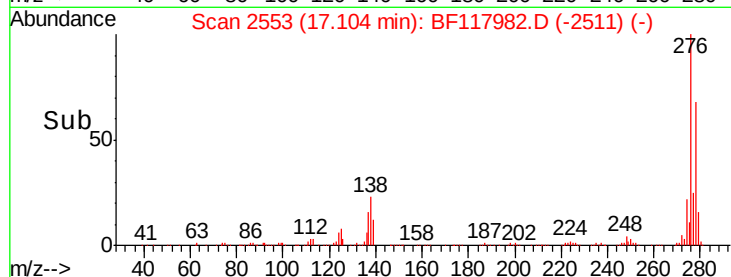
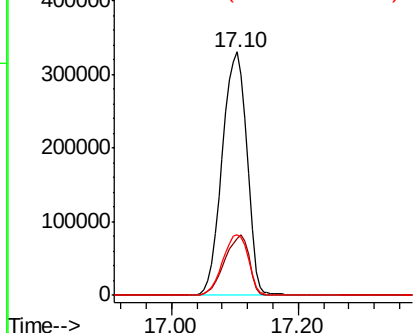
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.676 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.05 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 890198
Ion Ratio Lower Upper
276 100
138 24.4 20.9 31.3
277 25.7 20.3 30.5

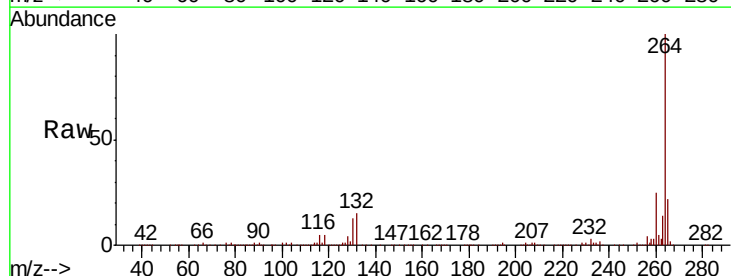


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

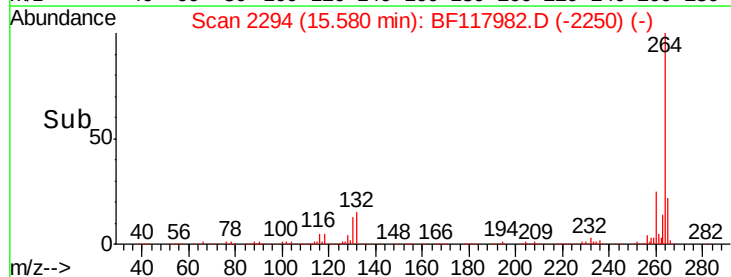
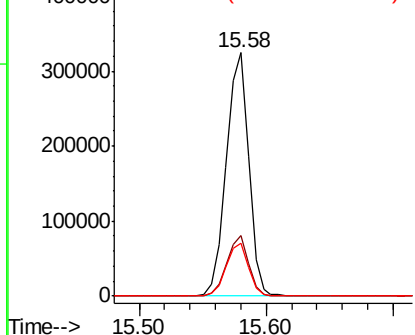


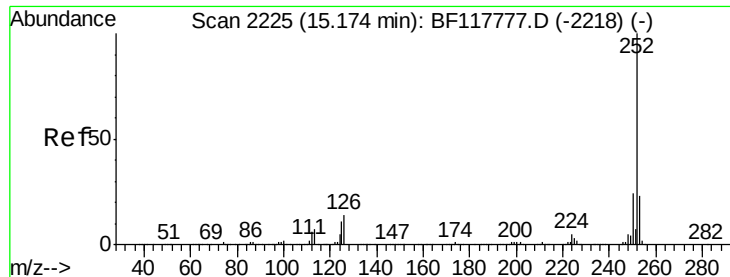
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:264 Resp: 396146
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.0
265 21.6 17.1 25.7



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

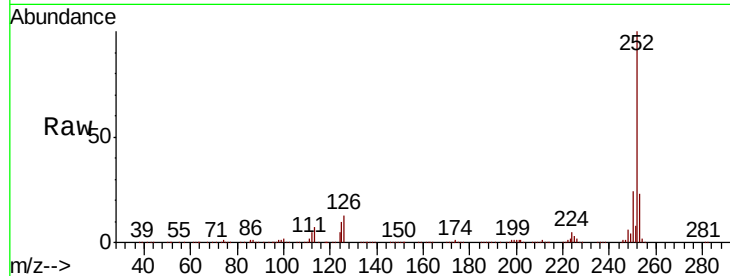




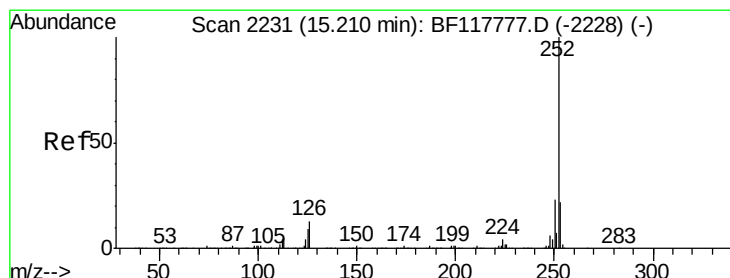
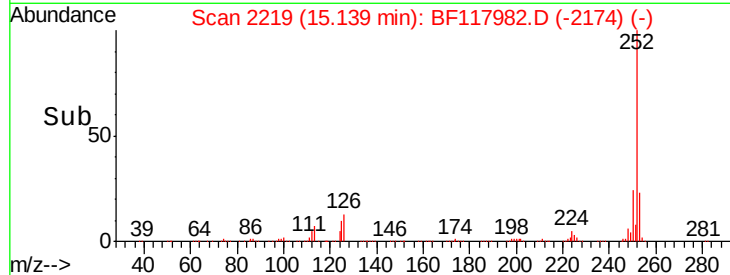
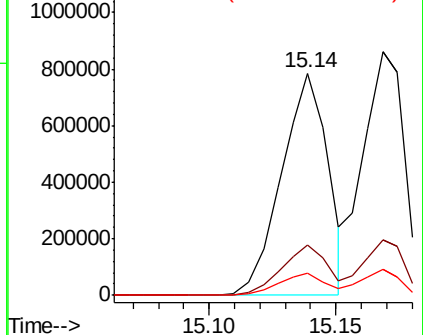
#88
Benzo(b)fluoranthene
Concen: 38.834 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 999494
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.9 8.6 13.0

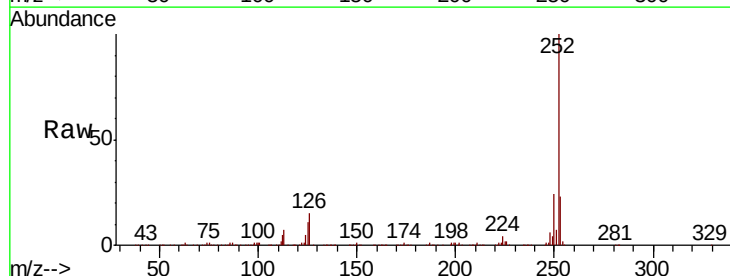


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

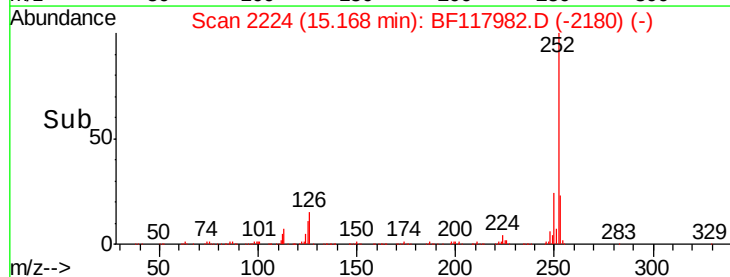
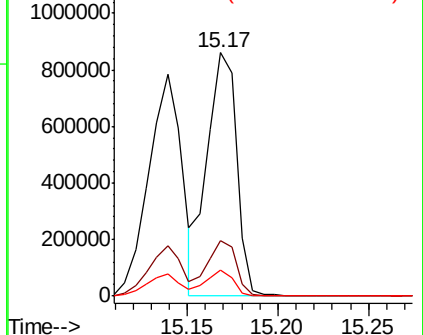


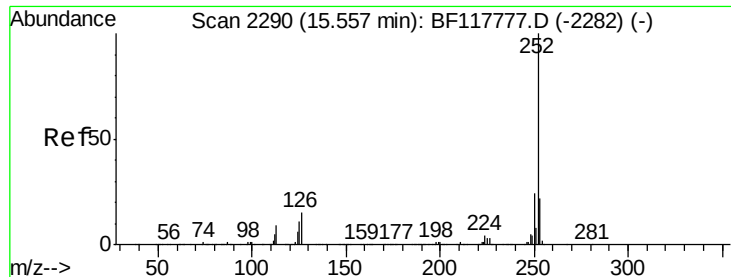
#89
Benzo(k)fluoranthene
Concen: 40.259 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF117982.D
Acq: 25 Nov 2019 22:52

Tgt Ion:252 Resp: 976313
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.8 7.9 11.9



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





#90

Benzo(a)pyrene

Concen: 37.686 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.04 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

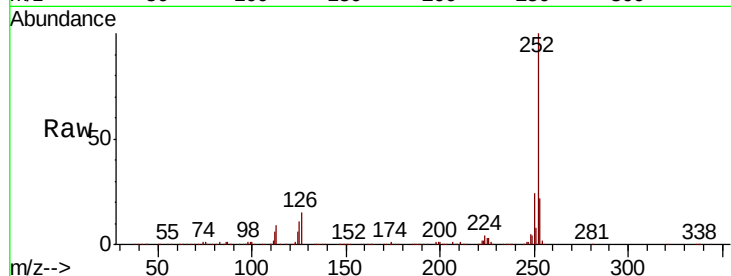
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 852927

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.2	9.2	13.8

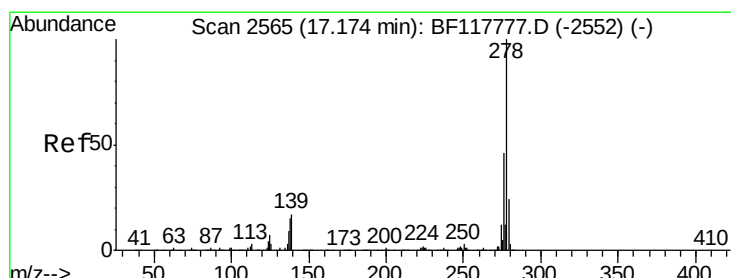
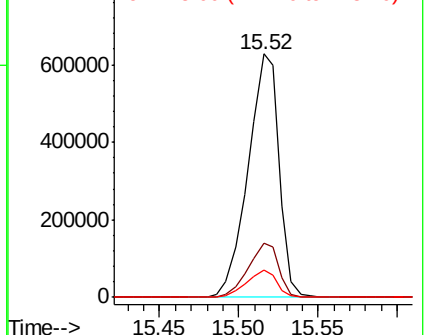
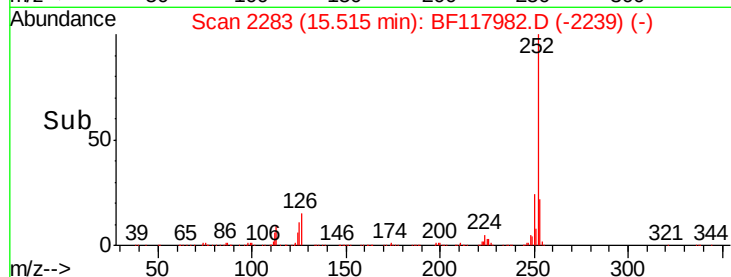


Abundance

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: 38.757 ng

RT: 17.12 min Scan# 2555

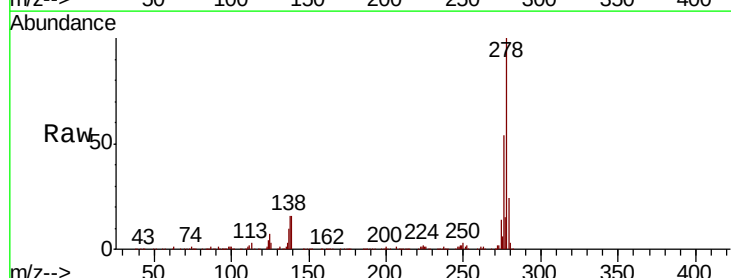
Delta R.T. -0.06 min

Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Tgt Ion:278 Resp: 754988

Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.8	20.8
279	23.7	19.6	29.4

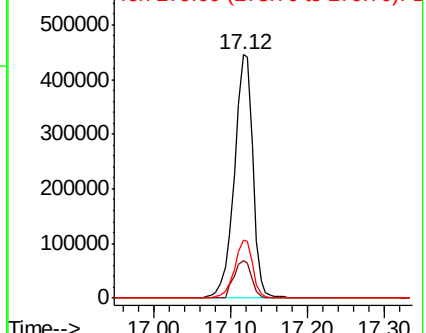
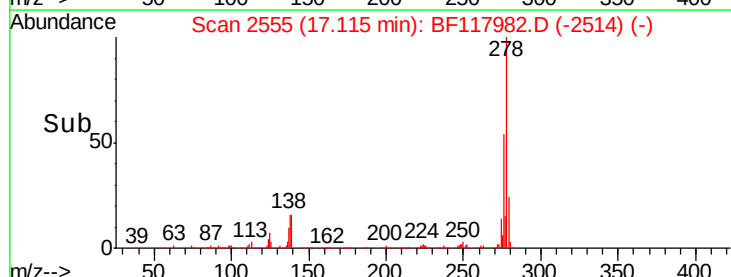


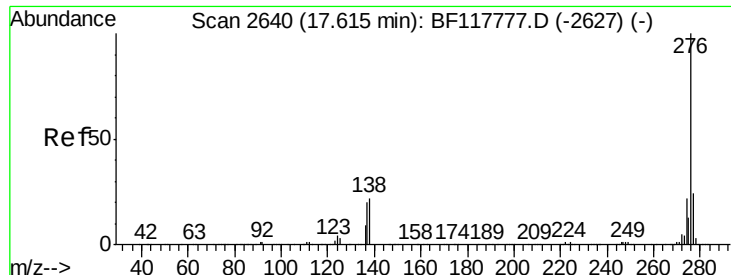
Abundance

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(a,h,i)perylene

Concen: 37.503 ng

RT: 17.56 min Scan# 2631

Delta R.T. -0.05 min

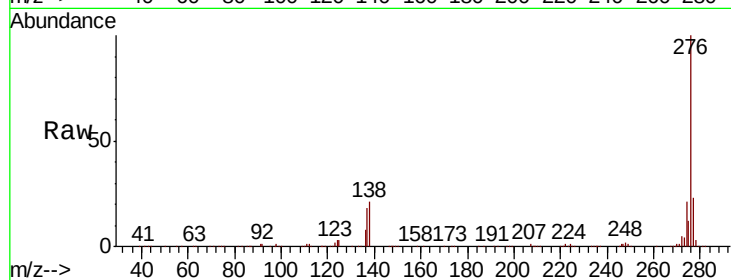
Lab File: BF117982.D

Acq: 25 Nov 2019 22:52

Instrument :

BNA_F

ClientSampleId :



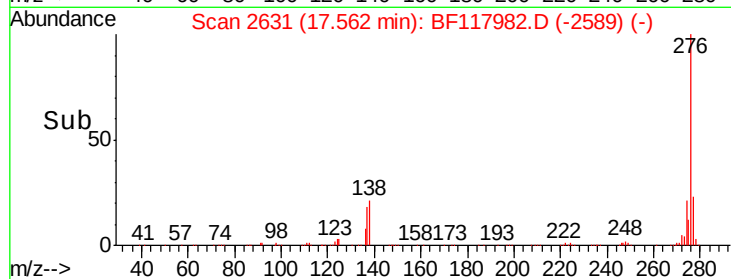
Tot Ion: 276 Resp: 727652

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 21.0 17.4 26.2



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

