

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
 Data File : BF117675.D
 Acq On : 1 Nov 2019 12:15
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:13:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	37227	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	157528	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	79660	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	132329	20.00	ng	0.00
76) Chrysene-d12	13.89	240	86880	20.00	ng	0.00
87) Perylene-d12	15.33	264	78052	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	178551	71.35	ng	0.00
7) Phenol-d6	6.39	99	235988	70.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	228153	71.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	45518	66.04	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	389080	68.82	ng	-0.01
79) Terphenyl-d14	12.83	244	369458	69.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	36692	34.876	ng	97
3) Pyridine	3.09	79	87086	33.814	ng	98
4) n-Nitrosodimethylamine	3.05	42	29782	31.875	ng	92
6) Aniline	6.39	93	138476	35.095	ng	# 80
8) 2-Chlorophenol	6.52	128	92981	35.214	ng	97
9) Benzaldehyde	6.28	77	61792	37.158	ng	98
10) Phenol	6.40	94	115030	33.534	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	91967	36.247	ng	98
12) 1,3-Dichlorobenzene	6.66	146	104505	35.466	ng	98
13) 1,4-Dichlorobenzene	6.74	146	104878	35.086	ng	98
14) 1,2-Dichlorobenzene	6.89	146	100212	35.566	ng	98
15) Benzyl Alcohol	6.88	79	82605	34.402	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	98362	35.937	ng	73
17) 2-Methylphenol	7.00	107	75673	34.838	ng	# 87
18) Hexachloroethane	7.23	117	40764	34.939	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	72542	35.342	ng	97
20) 3+4-Methylphenols	7.16	107	102031	35.827	ng	# 66
22) Acetophenone	7.14	105	147998	35.381	ng	# 94
24) Nitrobenzene	7.32	77	109211	35.734	ng	98
25) Isophorone	7.55	82	187247	33.922	ng	98
26) 2-Nitrophenol	7.63	139	47749	35.030	ng	98
27) 2,4-Dimethylphenol	7.67	122	71347	35.024	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	118374	34.753	ng	99
29) 2,4-Dichlorophenol	7.89	162	72743	34.045	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	79208	34.545	ng	99
31) Naphthalene	8.03	128	273599	35.040	ng	99
32) Benzoic acid	7.83	122	30770	22.053	ng	94
33) 4-Chloroaniline	8.09	127	118857	36.069	ng	99
34) Hexachlorobutadiene	8.14	225	45224	34.076	ng	98
35) Caprolactam	8.47	113	25263	36.806	ng	90
36) 4-Chloro-3-methylphenol	8.59	107	85323	35.014	ng	99
37) 2-Methylnaphthalene	8.72	142	178115	33.854	ng	98
38) 1-Methylnaphthalene	8.82	142	171110	34.610	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	73358	34.191	ng	98

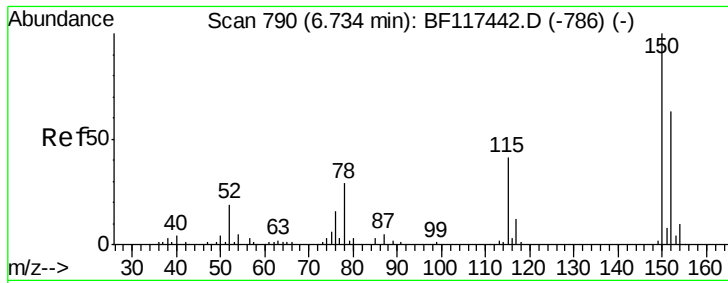
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	2448	15.392	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	44732	33.292	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	44739	32.860	nq	95
46) 1,1'-Biphenyl	9.18	154	230747	34.989	nq	99
47) 2-Chloronaphthalene	9.21	162	176116	35.419	nq	96
48) 2-Nitroaniline	9.32	65	58644	35.927	nq	87
49) Acenaphthylene	9.62	152	260971	35.732	nq	100
50) Dimethylphthalate	9.48	163	194525	34.254	nq	99
51) 2,6-Dinitrotoluene	9.56	165	41949	35.399	nq	92
52) Acenaphthene	9.79	154	155188	34.633	nq	99
53) 3-Nitroaniline	9.73	138	51391	35.742	nq	96
54) 2,4-Dinitrophenol	9.88	184	13000	29.528	nq	93
55) Dibenzofuran	9.96	168	230227	35.463	nq	97
56) 4-Nitrophenol	9.96	139	103878	152.975	nq	# 11
57) 2,4-Dinitrotoluene	9.97	165	55897	35.478	nq	# 89
58) Fluorene	10.31	166	189649	35.326	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	32985	30.825	nq	# 96
60) Diethylphthalate	10.17	149	197913	34.456	nq	99
61) 4-Chlorophenyl-phenylether	10.29	204	83138	34.516	nq	99
62) 4-Nitroaniline	10.35	138	50297	37.112	nq	97
63) Azobenzene	10.46	77	205489	34.947	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	18760	27.884	nq	92
66) n-Nitrosodiphenylamine	10.42	169	160558	33.189	nq	99
67) 4-Bromophenyl-phenylether	10.78	248	46228	32.433	nq	97
68) Hexachlorobenzene	10.86	284	49818	32.636	nq	96
69) Atrazine	10.95	200	33910	27.551	nq	97
70) Pentachlorophenol	11.07	266	14814	32.373	nq	90
71) Phenanthrene	11.27	178	260303	33.877	nq	99
72) Anthracene	11.32	178	264842	33.592	nq	99
73) Carbazole	11.49	167	244950	33.997	nq	100
74) Di-n-butylphthalate	11.80	149	322181	33.466	nq	99
75) Fluoranthene	12.46	202	260763	33.900	nq	99
77) Benzidine	12.59	184	97575	39.014	nq	97
78) Pyrene	12.69	202	267584	35.857	nq	99
80) Butylbenzylphthalate	13.29	149	129131	34.773	nq	98
81) Benzo(a)anthracene	13.88	228	203493	34.723	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	68198	37.085	nq	# 97
83) Chrysene	13.92	228	205852	35.841	nq	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	180198	34.641	nq	96
85) Di-n-octyl phthalate	14.46	149	286589	35.833	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	153558	35.810	nq	98
88) Benzo(b)fluoranthene	14.92	252	167009	36.235	nq	99
89) Benzo(k)fluoranthene	14.94	252	158291	33.508	nq	97
90) Benzo(a)pyrene	15.27	252	145493	34.719	nq	100
91) Dibenzo(a,h)anthracene	16.74	278	129299	35.683	nq	98
92) Benzo(g,h,i)perylene	17.17	276	119373	34.818	nq	95

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

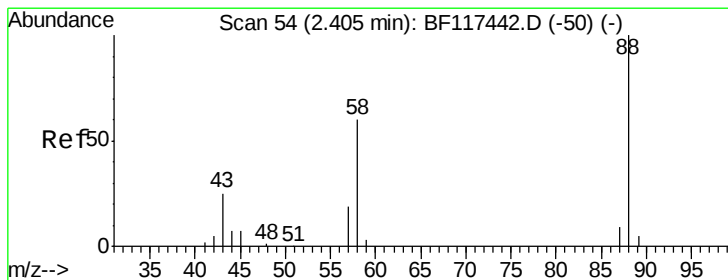
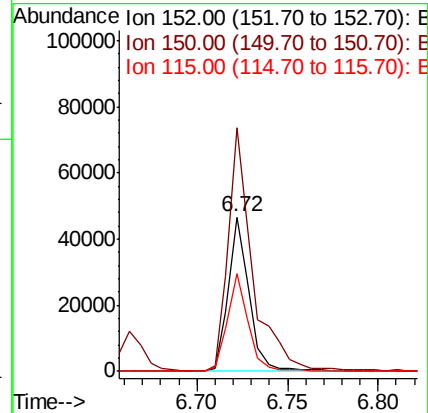
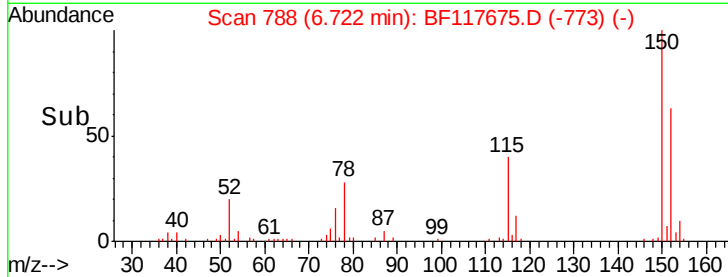
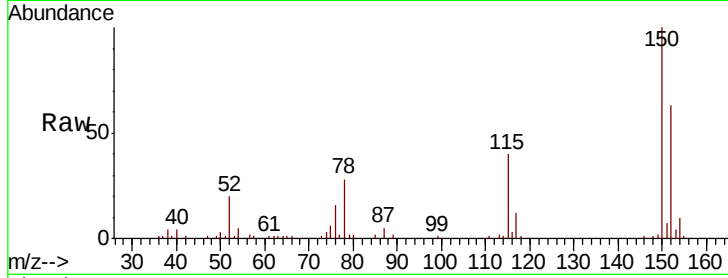


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

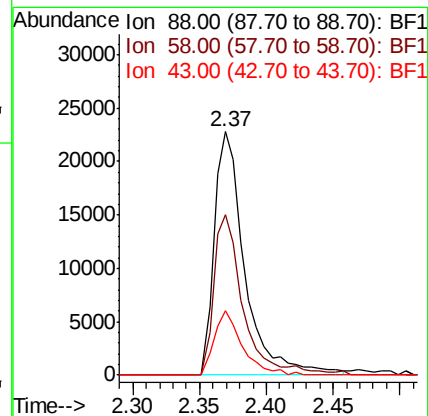
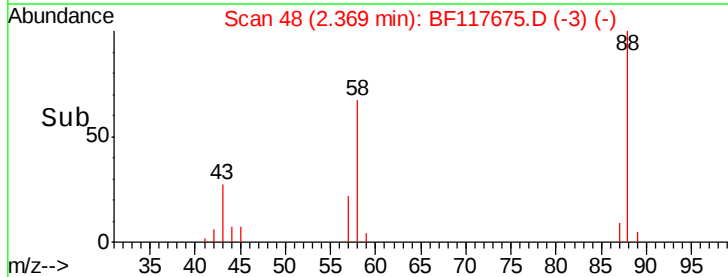
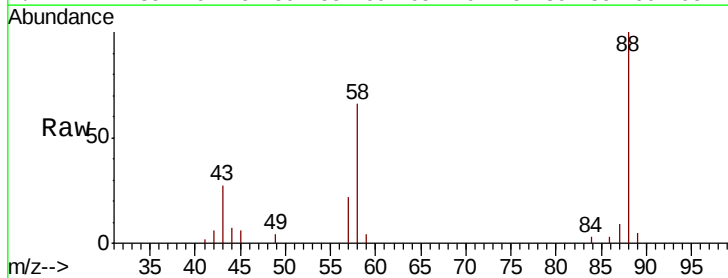
Tot Ion:152 Resp: 37227
Ion Ratio Lower Upper
152 100
150 158.0 126.8 190.2
115 63.8 51.6 77.4

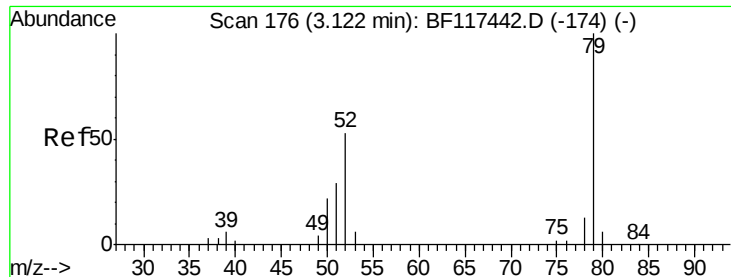


#2

1,4-Dioxane
Concen: 34.876 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.04 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 88 Resp: 36692
Ion Ratio Lower Upper
88 100
58 63.4 48.8 73.2
43 24.2 18.5 27.7





#3

Pvridine

Concen: 33.814 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.03 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

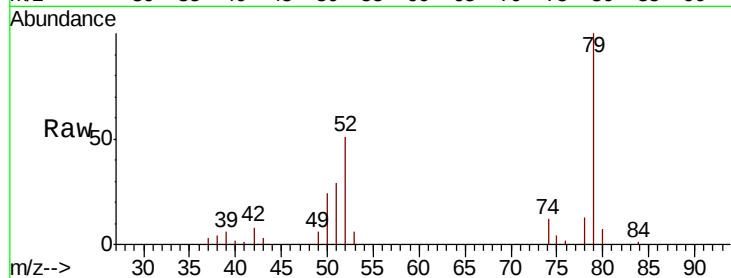
Tot Ion: 79 Resp: 87086

Ion Ratio Lower Upper

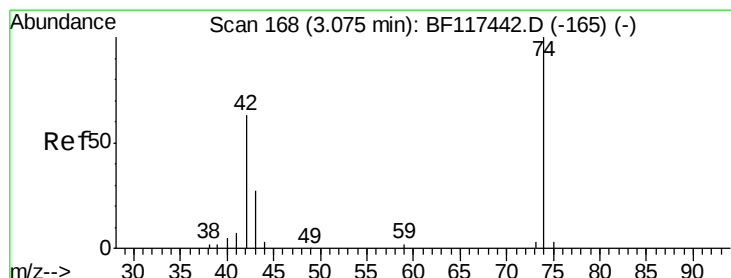
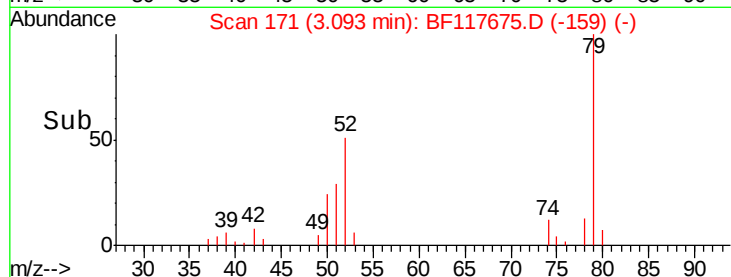
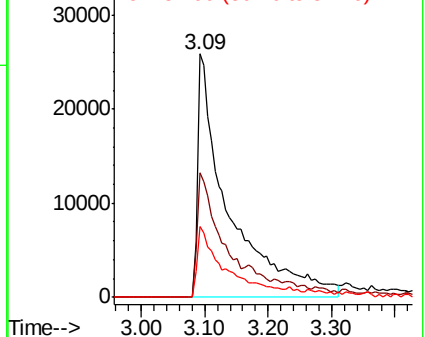
79 100

52 51.4 42.4 63.6

51 29.0 23.3 34.9



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



#4

n-Nitrosodimethylamine

Concen: 31.875 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.03 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

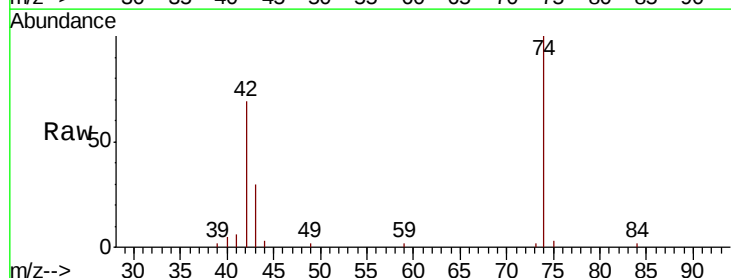
Tgt Ion: 42 Resp: 29782

Ion Ratio Lower Upper

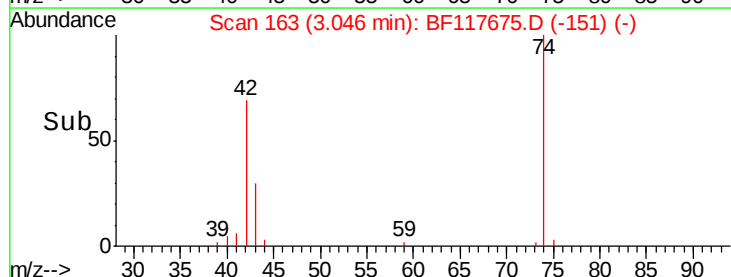
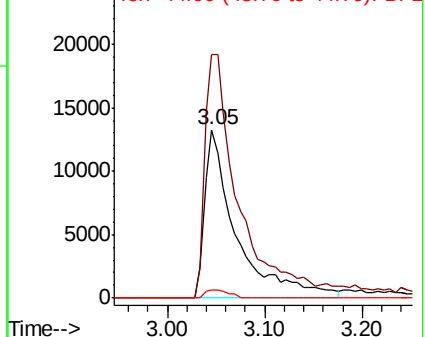
42 100

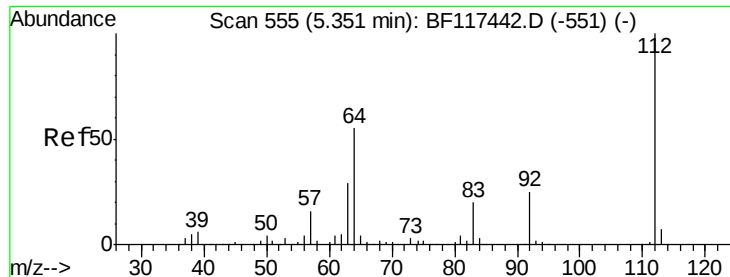
74 144.6 124.2 186.4

44 5.0 4.2 6.4



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





#5

2-Fluorophenol

Concen: 71.354 ng

RT: 5.35 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF117675.D

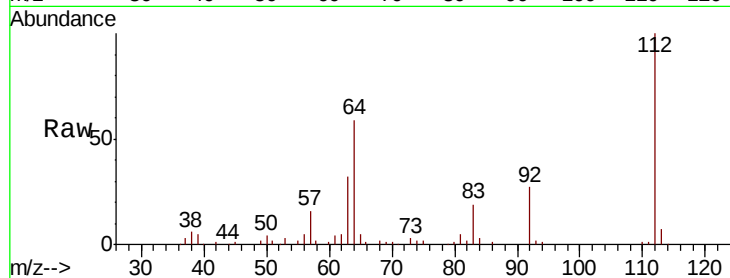
Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

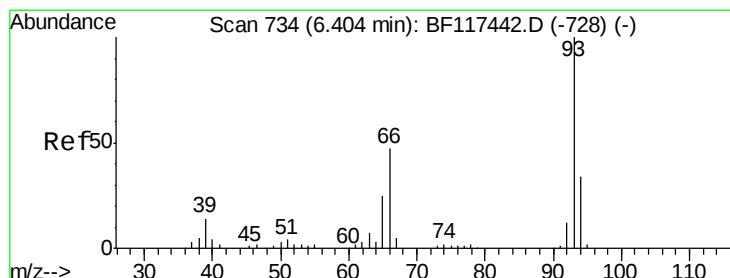
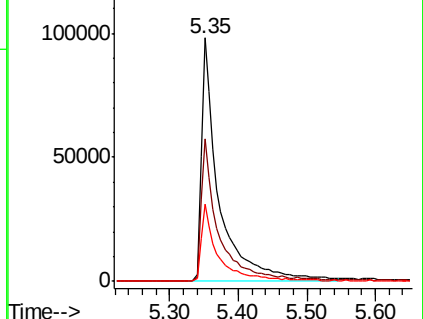
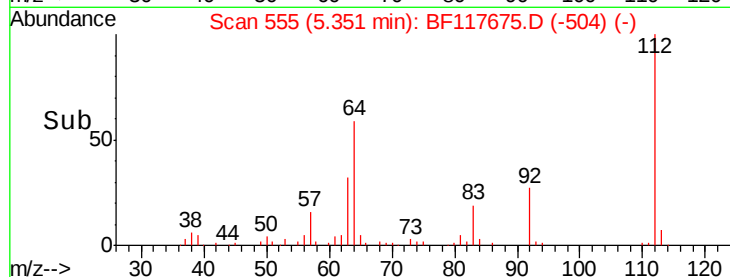
Tot Ion:	112	Resp:	178551
Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.6	23.4	35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 35.095 ng

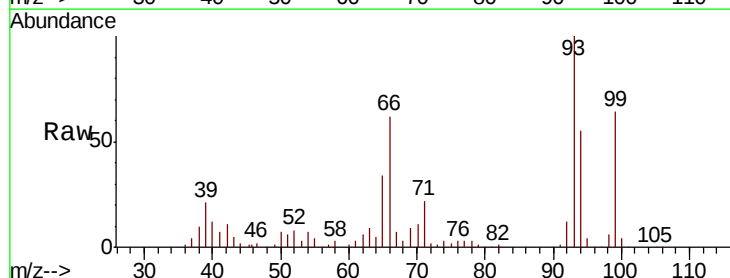
RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

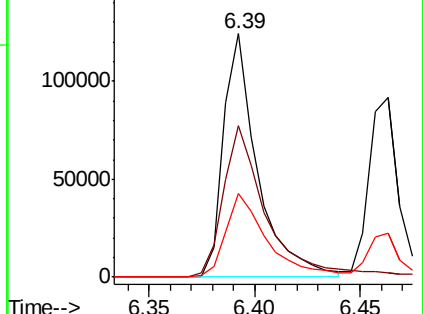
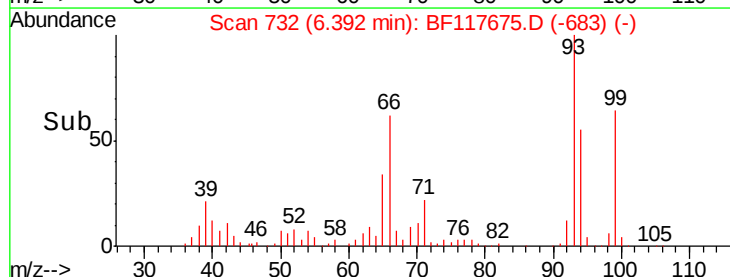
Tgt Ion:	93	Resp:	138476
Ion	Ratio	Lower	Upper
93	100		
66	62.4	38.7	58.1#
65	34.4	20.1	30.1#

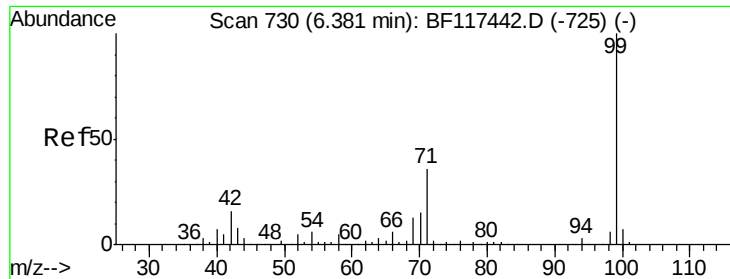


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 70.216 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

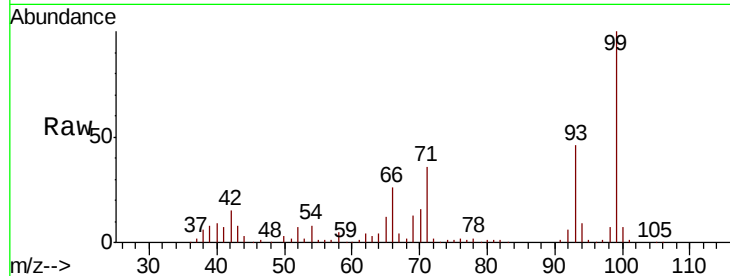
Tot Ion: 99 Resp: 235988

Ion Ratio Lower Upper

99 100

42 14.5 12.8 19.2

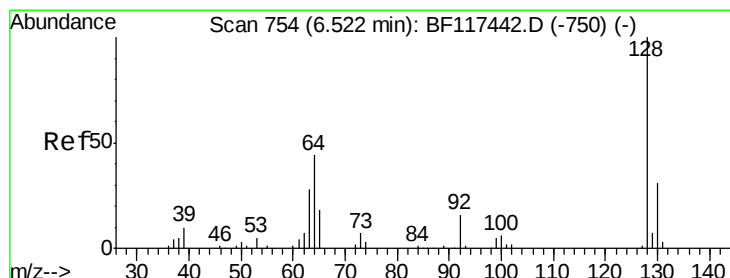
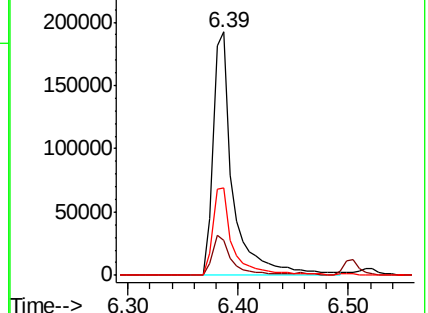
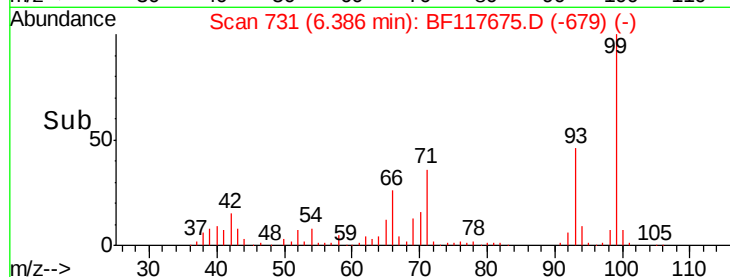
71 35.9 28.6 43.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.214 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

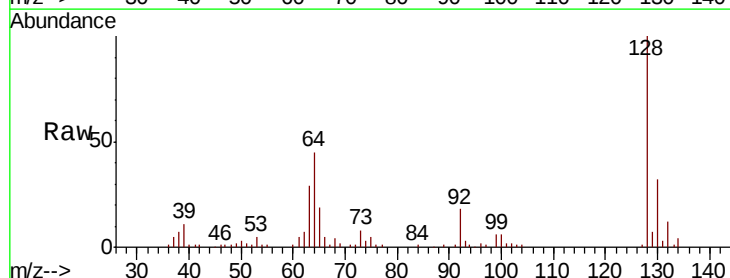
Tgt Ion:128 Resp: 92981

Ion Ratio Lower Upper

128 100

130 32.2 11.1 51.1

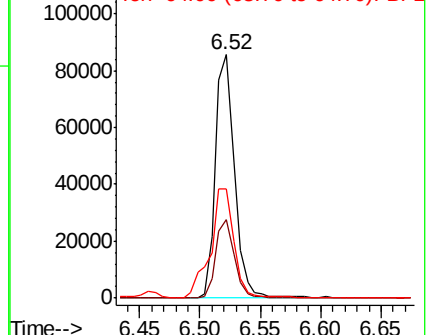
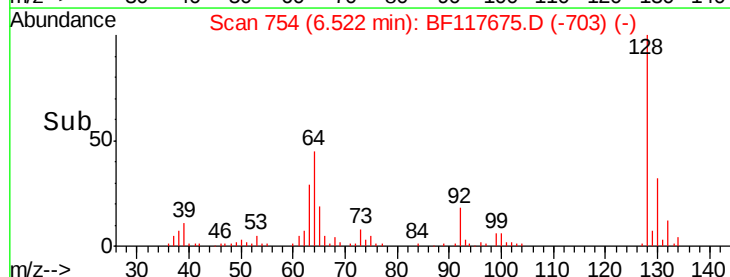
64 44.7 27.1 67.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.158 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

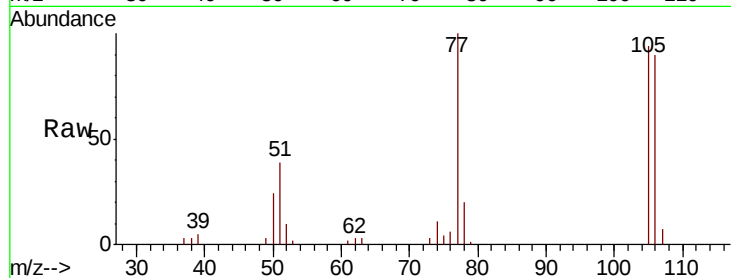
Tot Ion: 77 Resp: 61792

Ion Ratio Lower Upper

77 100

105 94.4 73.4 113.4

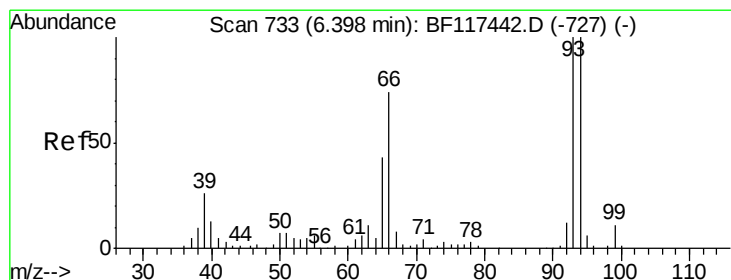
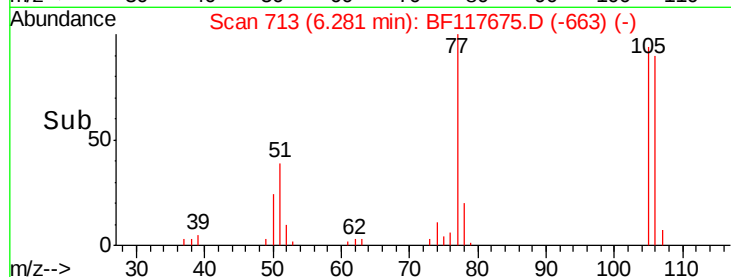
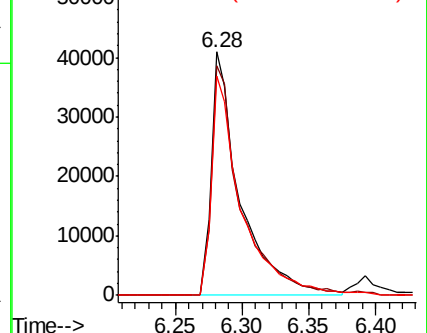
106 90.3 73.0 113.0



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 33.534 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

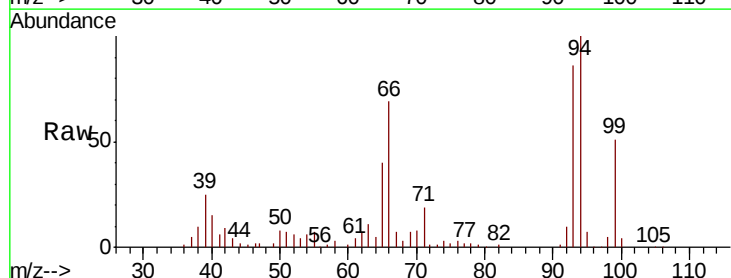
Tgt Ion: 94 Resp: 115030

Ion Ratio Lower Upper

94 100

65 40.3 23.4 63.4

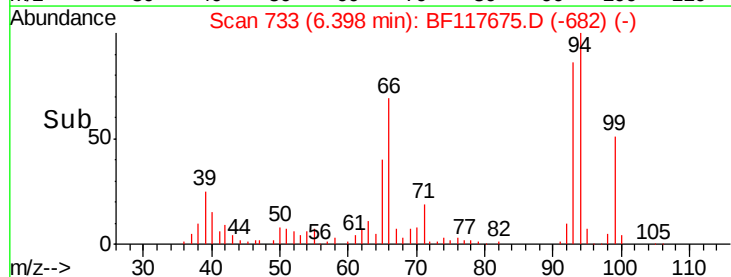
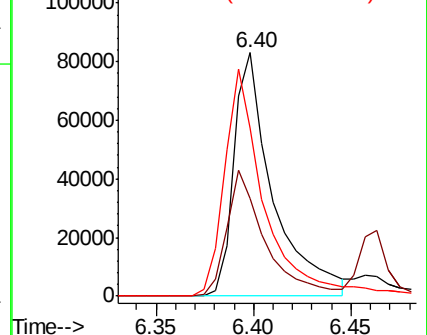
66 68.8 54.7 94.7

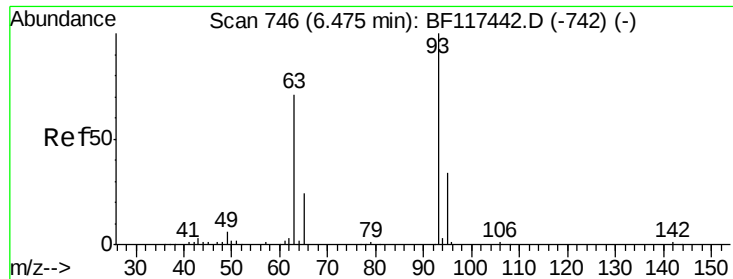


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

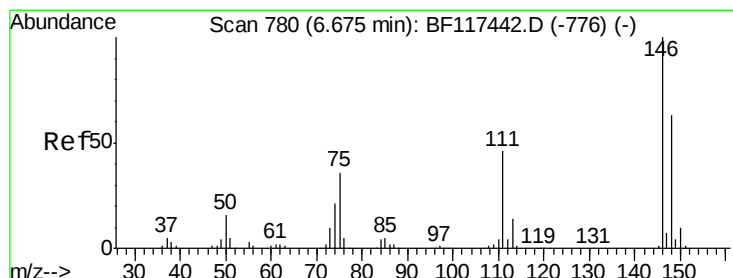
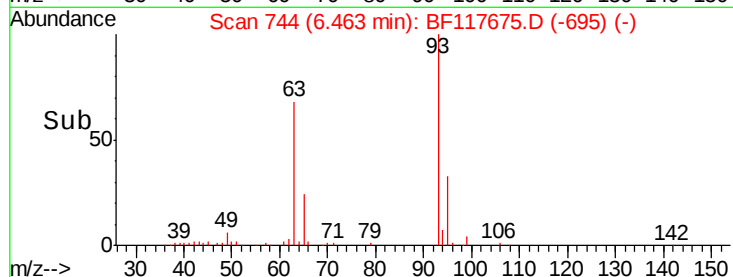
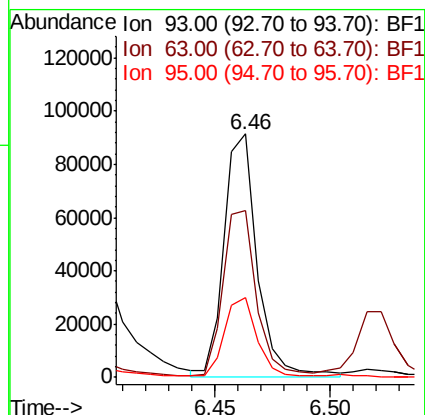
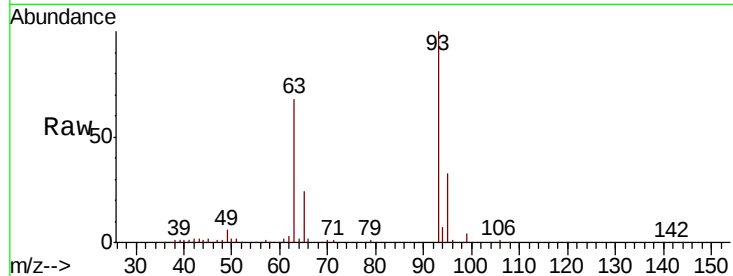




#11
bis(2-Chloroethyl)ether
Concen: 36.247 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

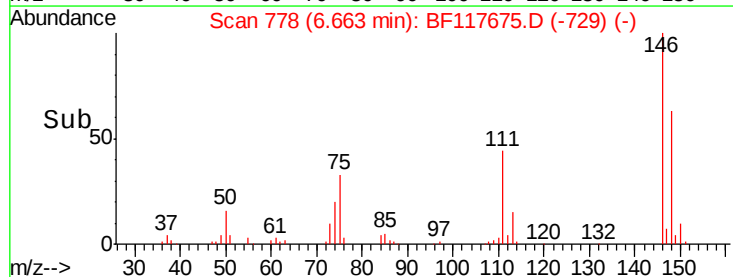
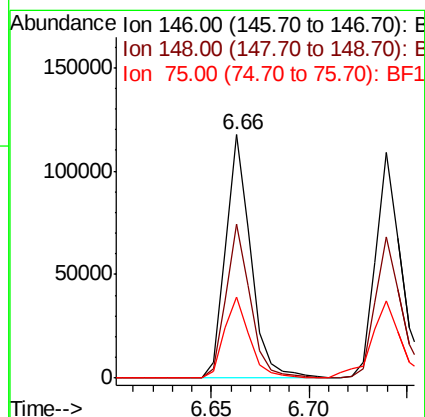
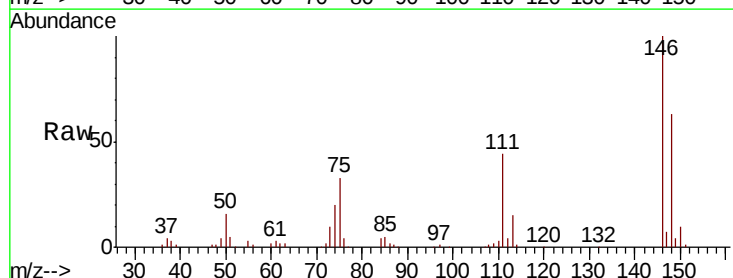
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 91967
Ion Ratio Lower Upper
93 100
63 68.4 50.2 90.2
95 33.0 13.9 53.9



#12
1,3-Dichlorobenzene
Concen: 35.466 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 146 Resp: 104505
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
75 33.4 28.6 43.0

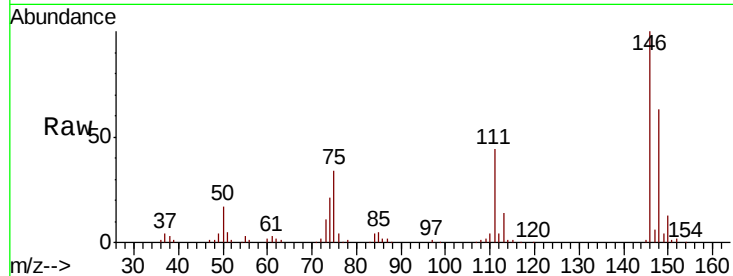




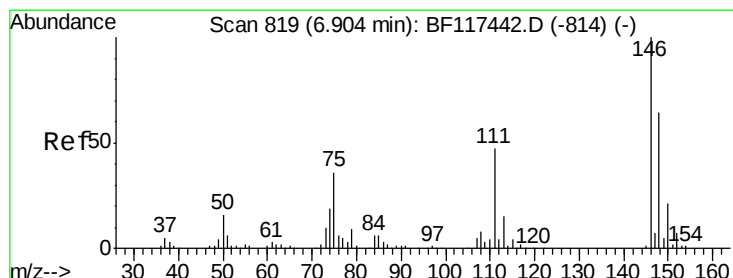
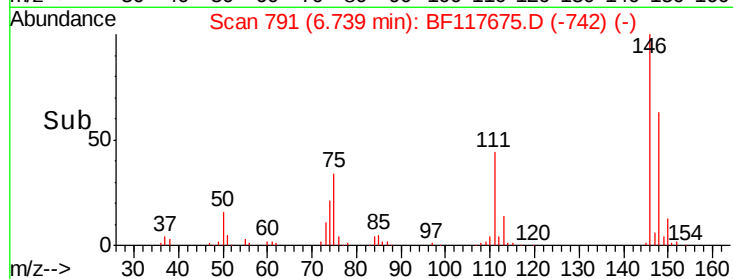
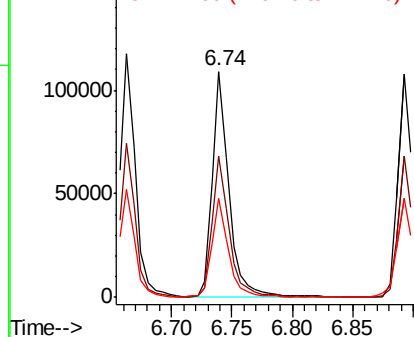
#13
 1,4-Dichlorobenzene
 Concen: 35.086 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 104878
 Ion Ratio Lower Upper
 146 100
 148 62.7 49.3 73.9
 111 44.0 33.6 50.4

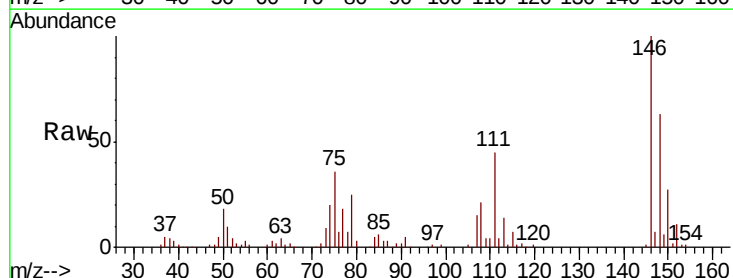


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

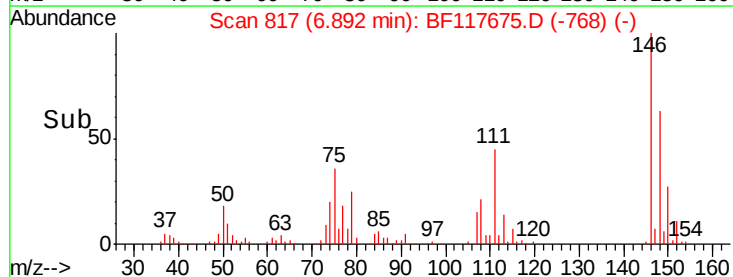
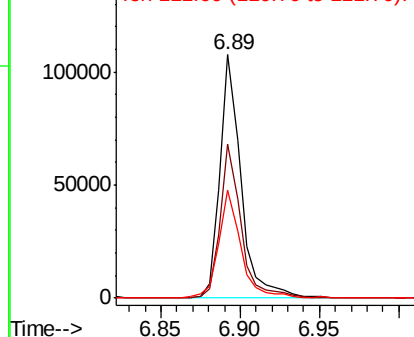


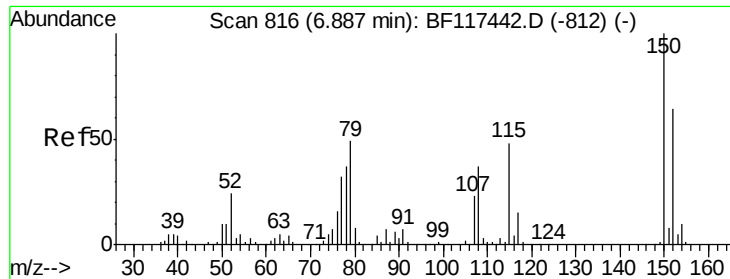
#14
 1,2-Dichlorobenzene
 Concen: 35.566 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:146 Resp: 100212
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.4 77.0
 111 44.6 37.7 56.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

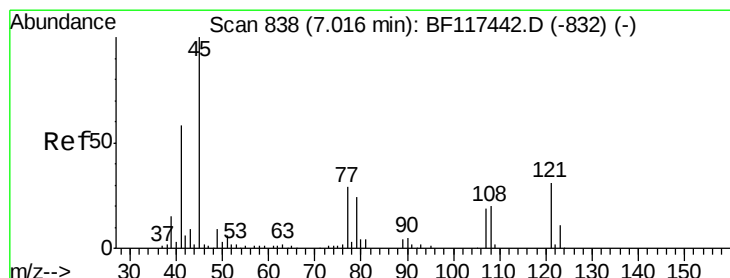
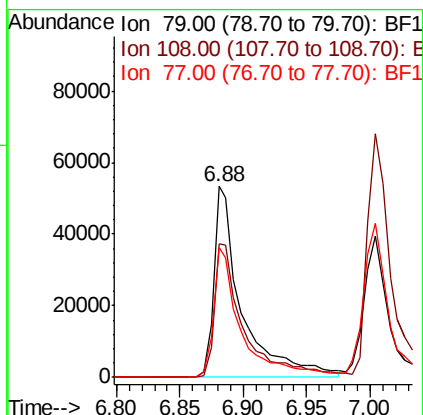
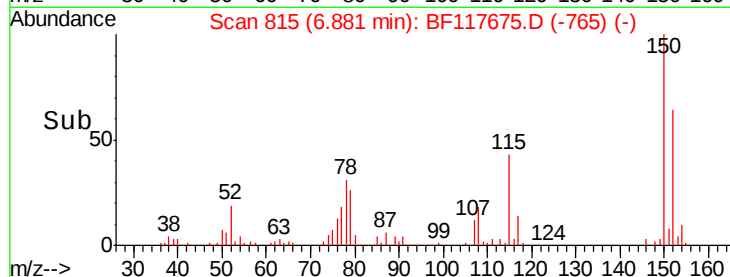
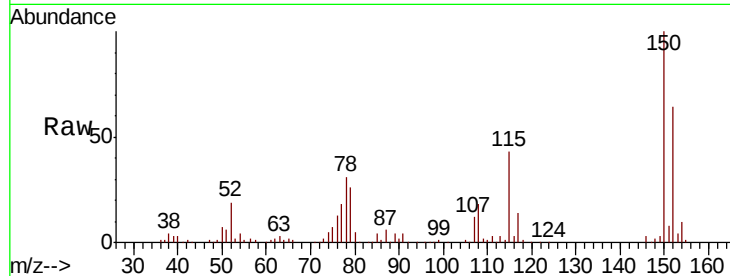




#15
Benzyl Alcohol
Concen: 34.402 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

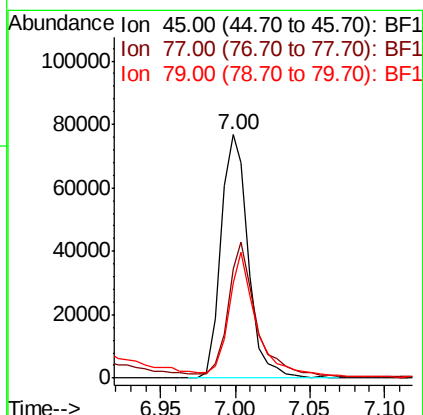
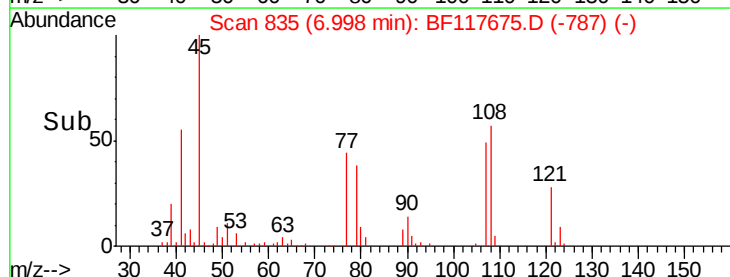
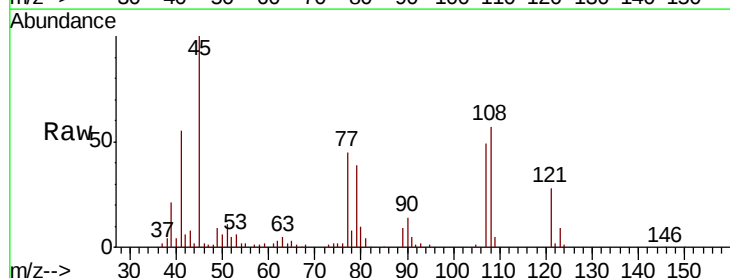
Instrument :
BNA_F
ClientSampleId :

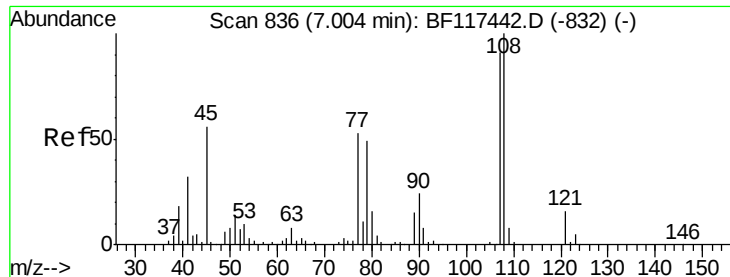
Tot Ion: 79 Resp: 82605
Ion Ratio Lower Upper
79 100
108 70.3 59.8 89.8
77 67.7 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.937 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 45 Resp: 98362
Ion Ratio Lower Upper
45 100
77 44.7 9.9 49.9
79 39.1 5.5 45.5

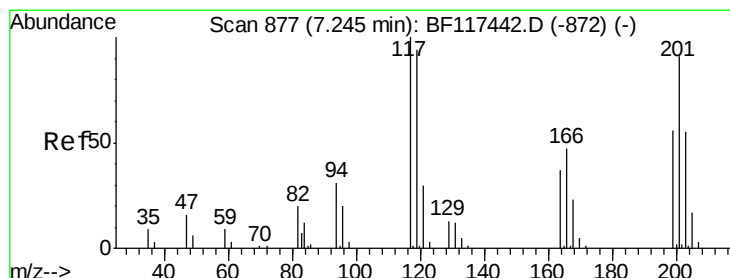
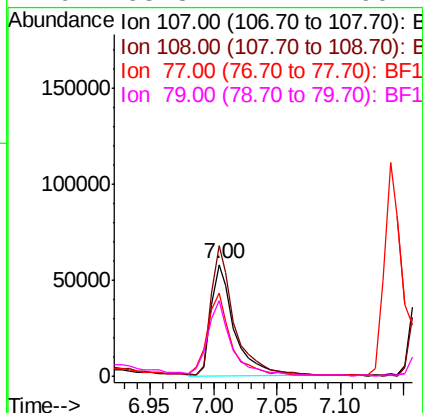
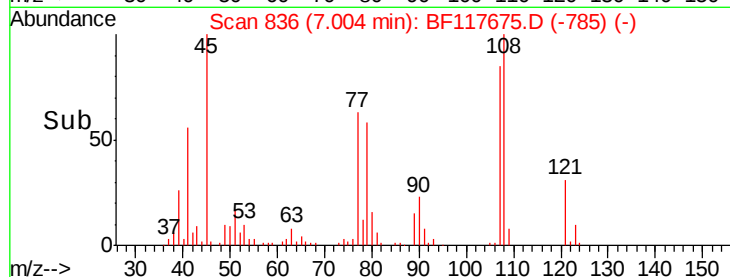
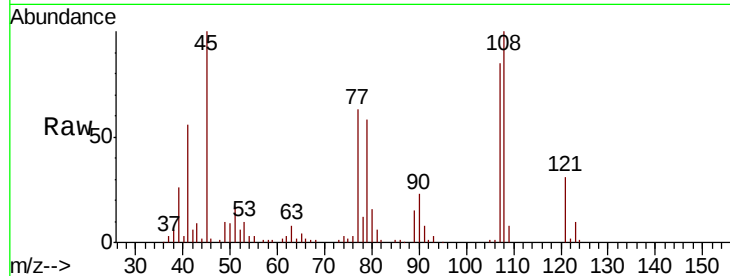




#17
2-Methylphenol
Concen: 34.838 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

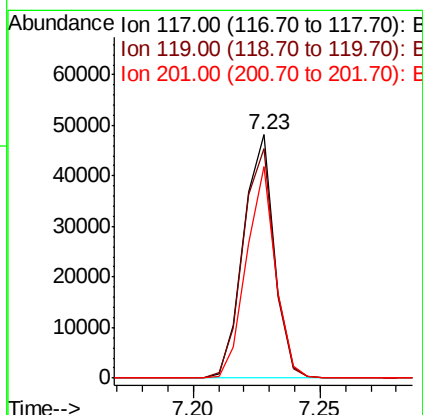
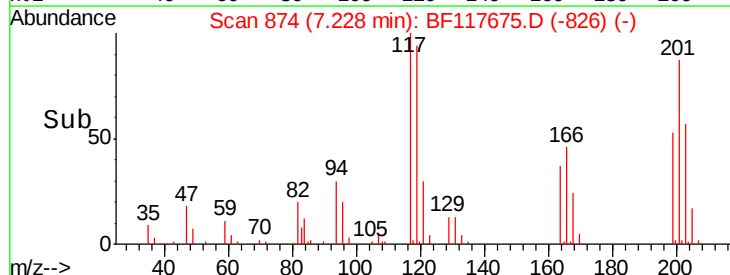
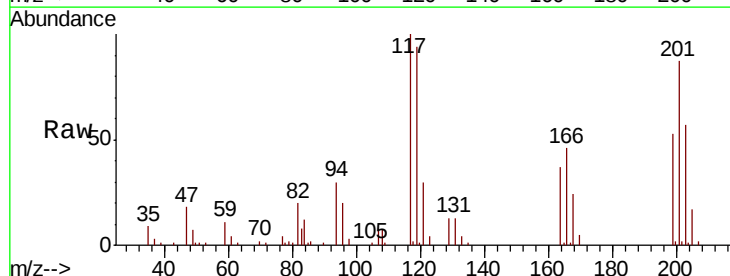
Instrument :
BNA_F
ClientSampleId :

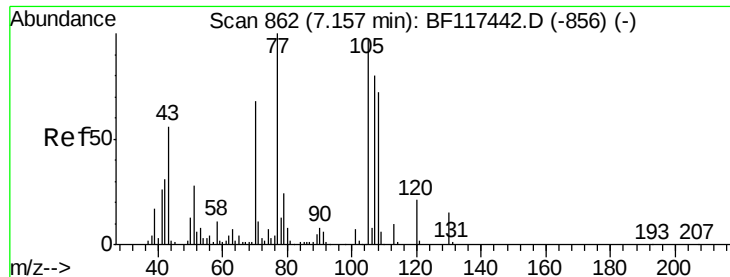
Tot Ion:107 Resp: 75673
Ion Ratio Lower Upper
107 100
108 117.3 88.0 132.0
77 74.3 47.2 70.8#
79 68.3 44.1 66.1#



#18
Hexachloroethane
Concen: 34.939 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:117 Resp: 40764
Ion Ratio Lower Upper
117 100
119 94.2 75.4 113.0
201 87.1 72.5 108.7

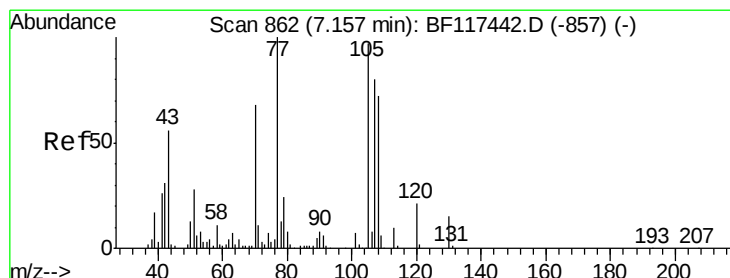
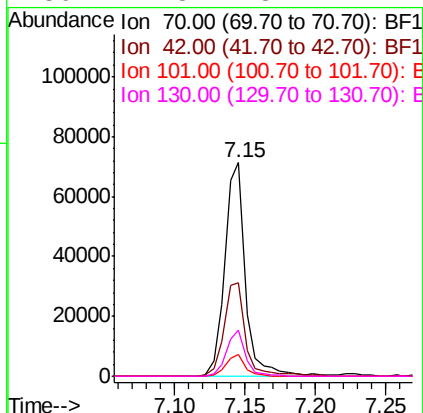
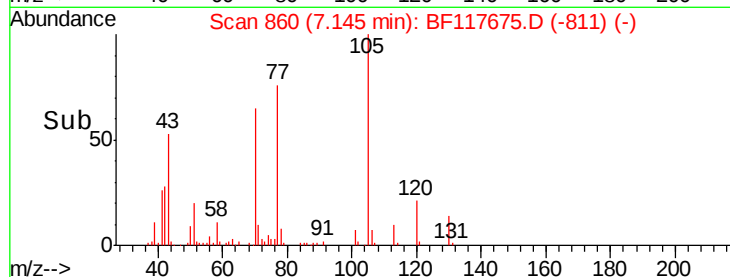
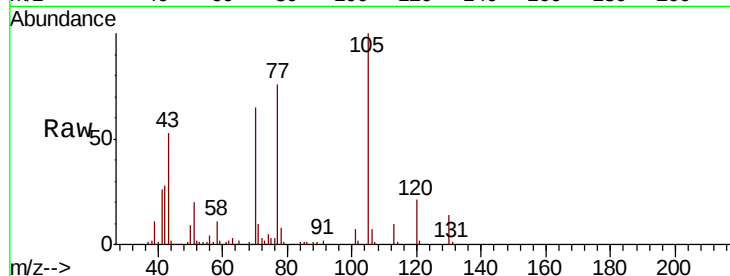




#19
n-Nitroso-di-n-propylamine
Concen: 35.342 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

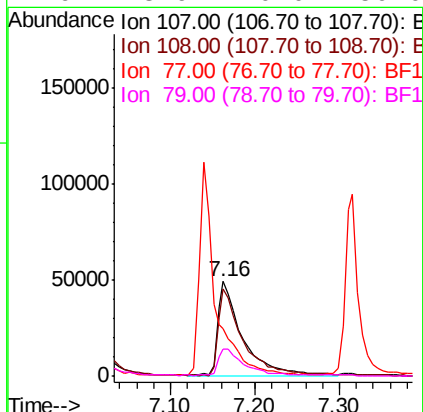
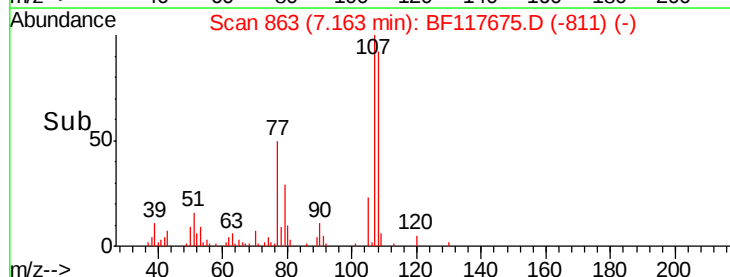
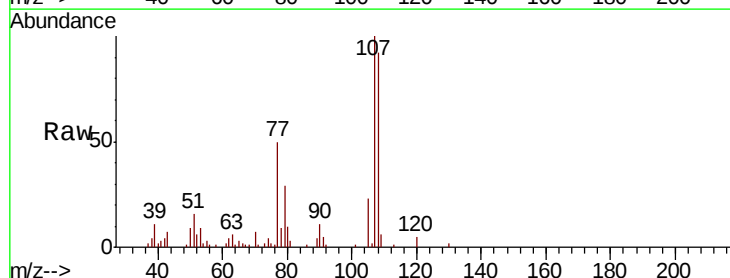
Instrument :
BNA_F
ClientSampleId :

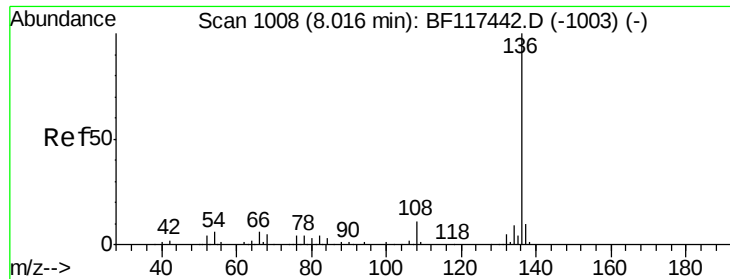
Tot Ion: 70 Resp: 72542
Ion Ratio Lower Upper
70 100
42 43.7 36.7 55.1
101 10.1 8.3 12.5
130 21.8 18.1 27.1



#20
3+4-Methylphenols
Concen: 35.827 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 107 Resp: 102031
Ion Ratio Lower Upper
107 100
108 91.7 70.3 110.3
77 50.4 104.8 144.8#
79 28.9 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 157528

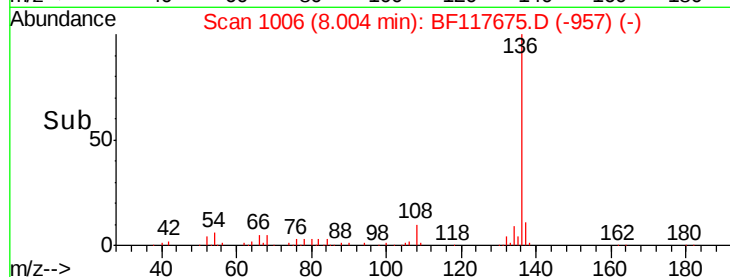
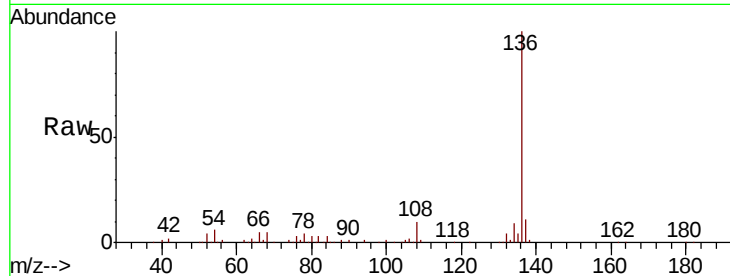
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.0 4.5 6.7

68 5.1 4.3 6.5

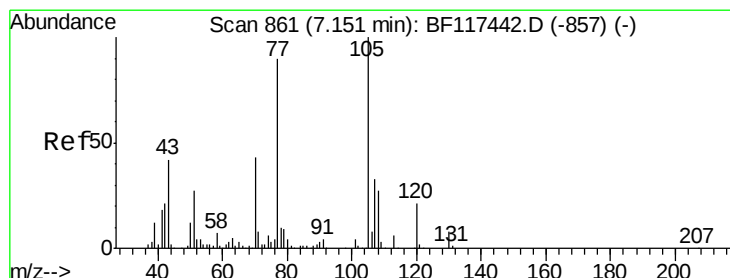
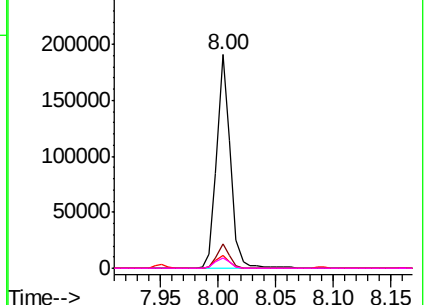


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.381 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Tgt Ion:105 Resp: 147998

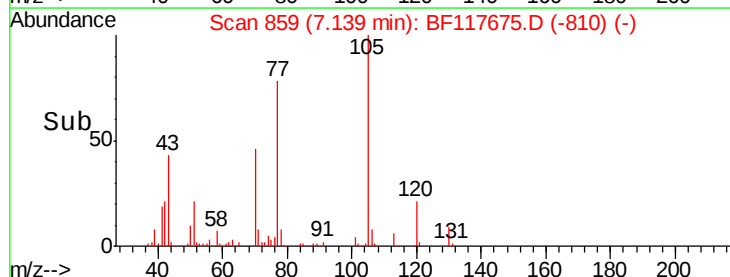
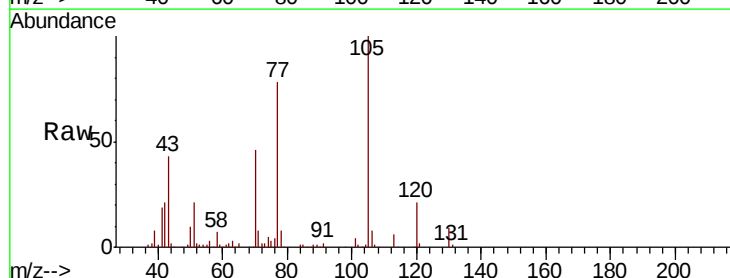
Ion Ratio Lower Upper

105 100

71 7.7 6.2 9.2

51 21.0 21.8 32.6#

120 21.0 16.7 25.1

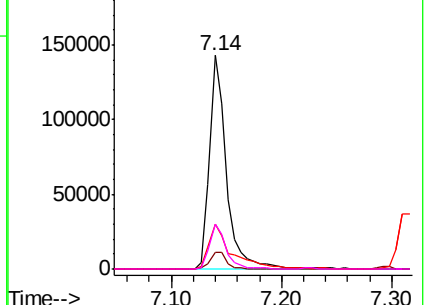


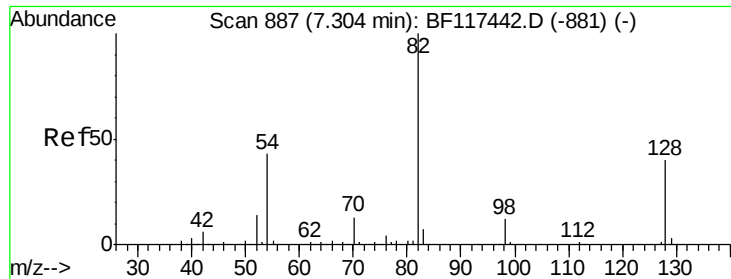
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

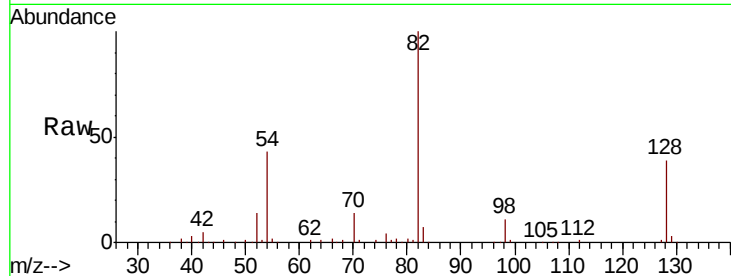




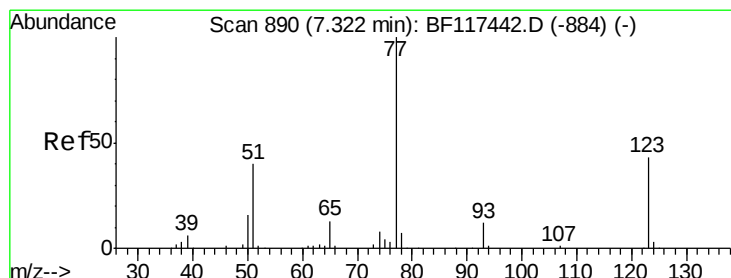
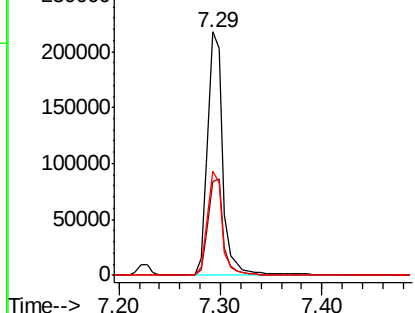
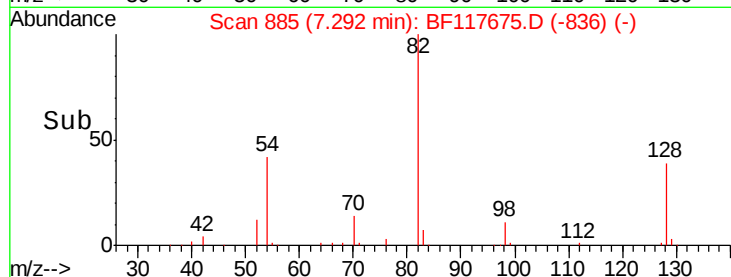
#23
Nitrobenzene-d5
Concen: 71.501 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 228153
Ion Ratio Lower Upper
82 100
128 38.8 32.2 48.2
54 42.5 34.2 51.2

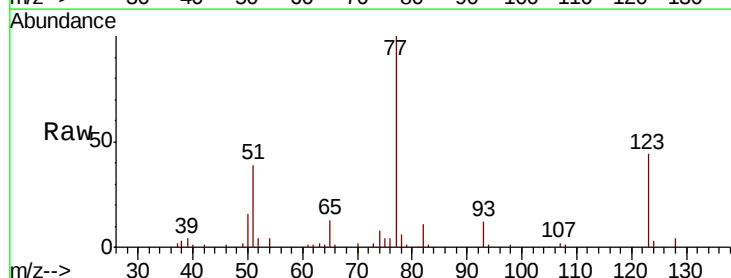


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

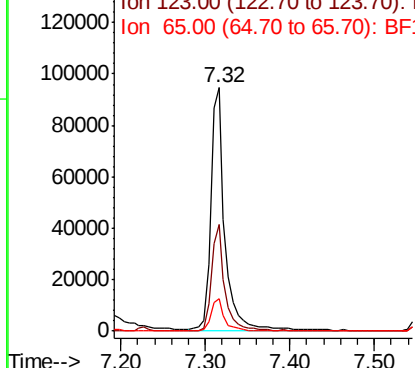
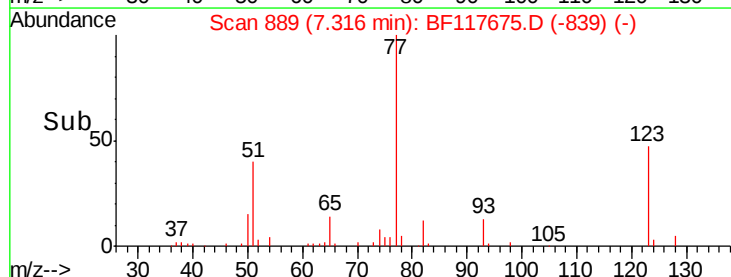


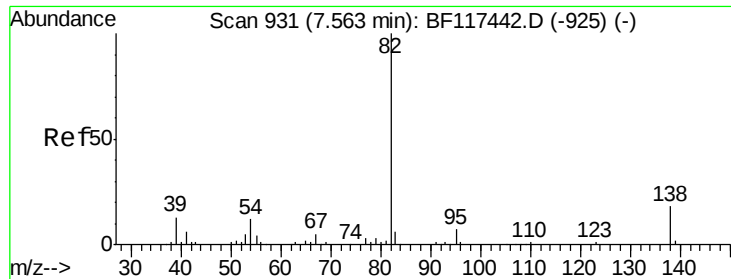
#24
Nitrobenzene
Concen: 35.734 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 77 Resp: 109211
Ion Ratio Lower Upper
77 100
123 44.0 34.2 51.2
65 13.4 10.3 15.5



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: 33.922 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

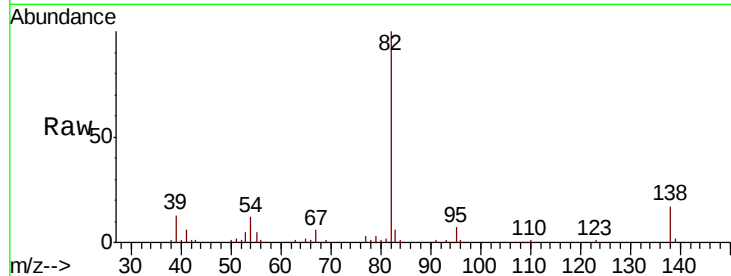
Tot Ion: 82 Resp: 187247

Ion Ratio Lower Upper

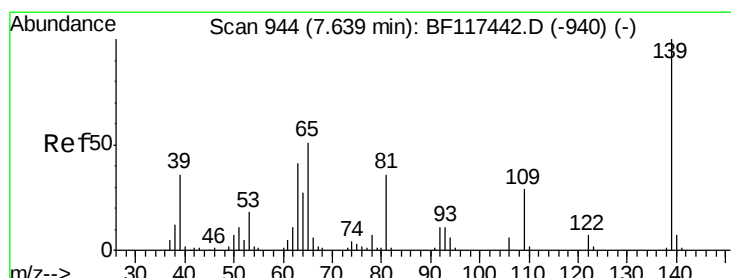
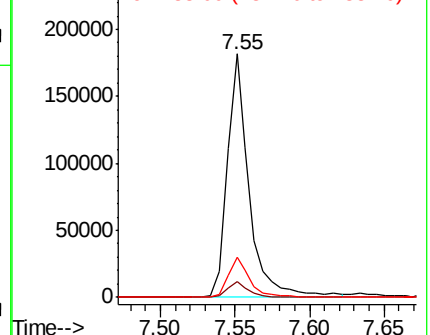
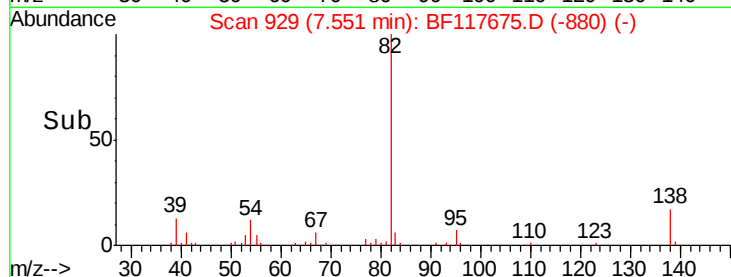
82 100

95 6.6 5.4 8.0

138 16.6 14.2 21.2



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: 35.030 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

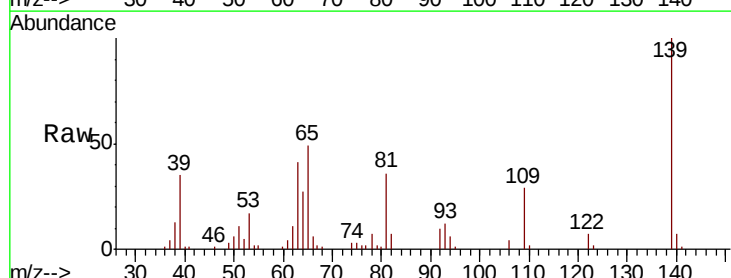
Tgt Ion: 139 Resp: 47749

Ion Ratio Lower Upper

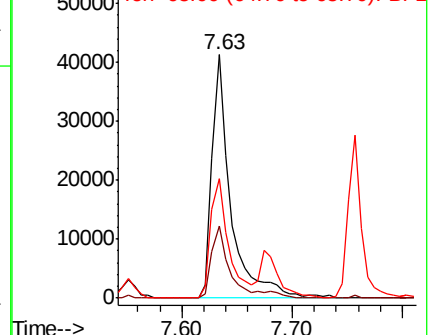
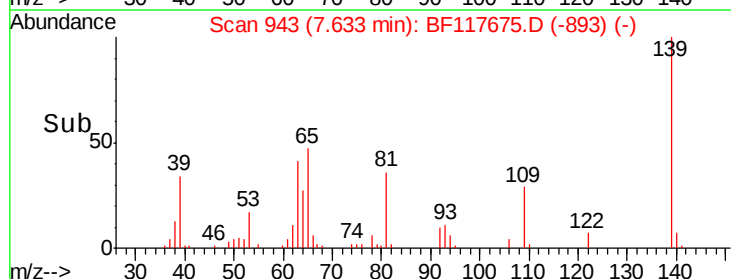
139 100

109 29.4 23.2 34.8

65 49.1 41.1 61.7



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

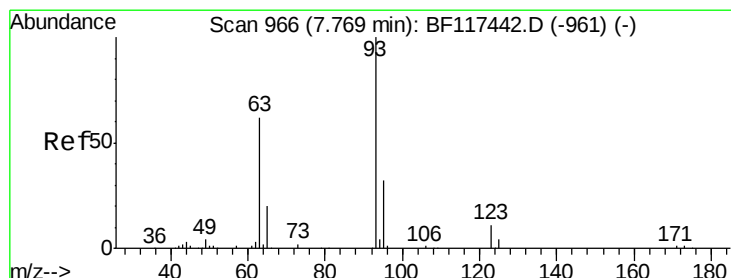
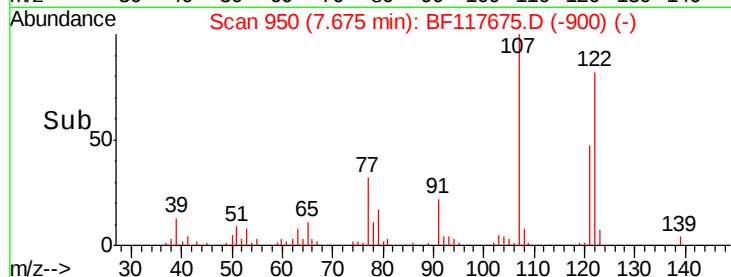
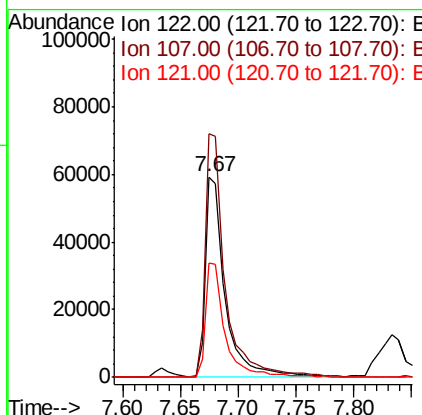
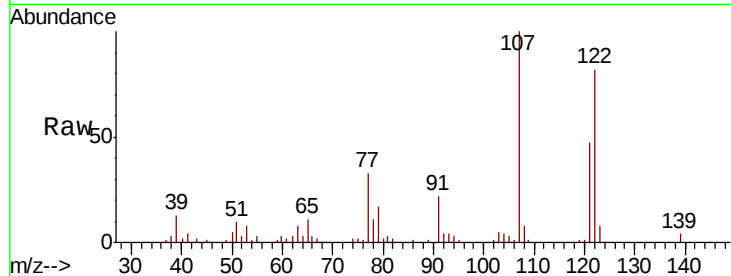




#27
2,4-Dimethylphenol
Concen: 35.024 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

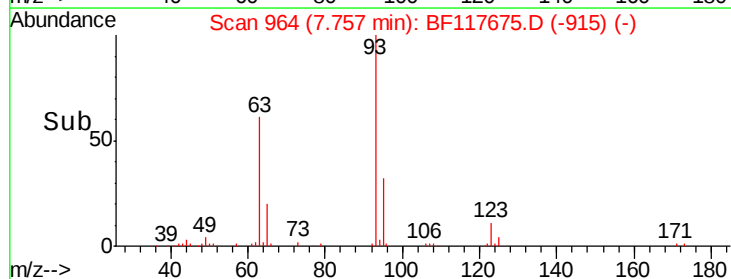
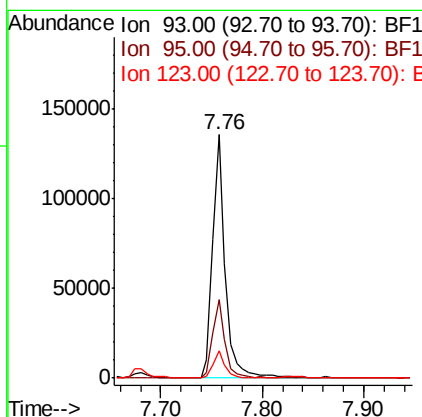
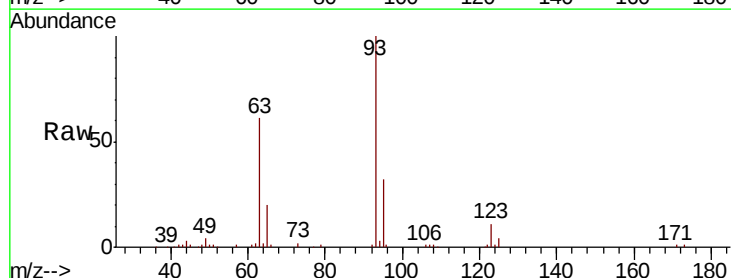
Instrument :
BNA_F
ClientSampled :

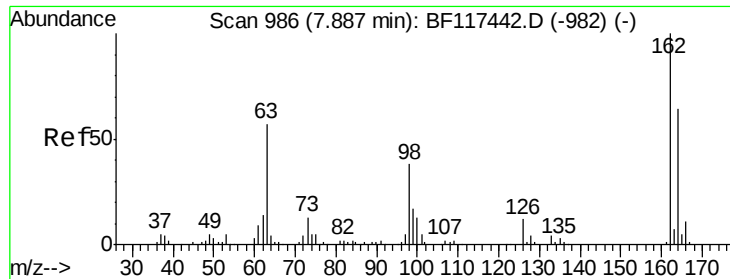
Tot Ion:122 Resp: 71347
Ion Ratio Lower Upper
122 100
107 121.7 96.8 145.2
121 56.9 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 34.753 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion: 93 Resp: 118374
Ion Ratio Lower Upper
93 100
95 32.3 25.5 38.3
123 11.2 9.0 13.6

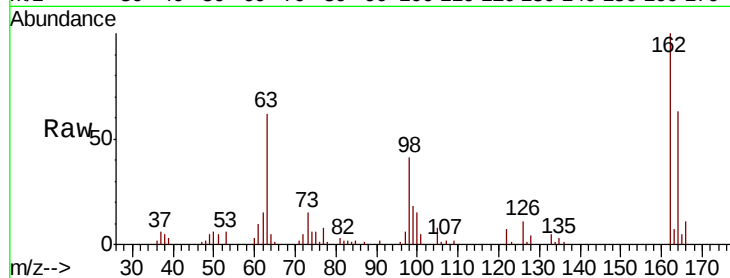




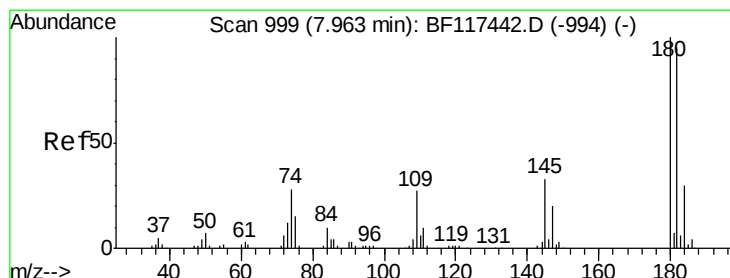
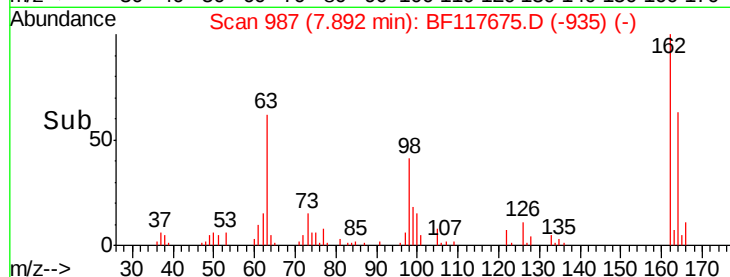
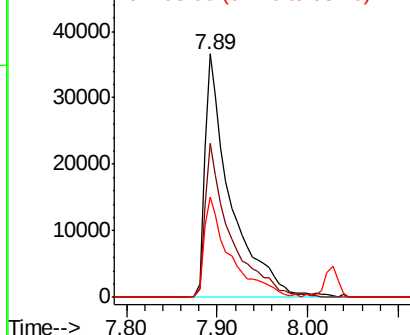
#29
 2,4-Dichlorophenol
 Concen: 34.045 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 72743
 Ion Ratio Lower Upper
 162 100
 164 63.1 44.4 84.4
 98 41.4 18.2 58.2

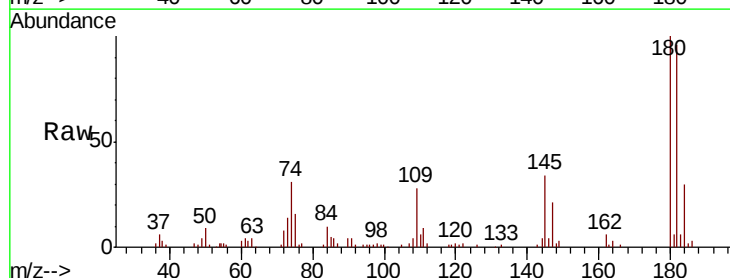


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

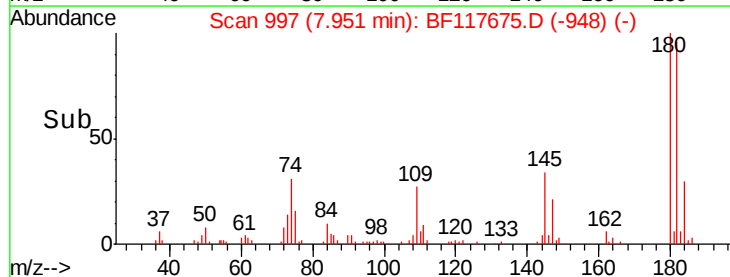
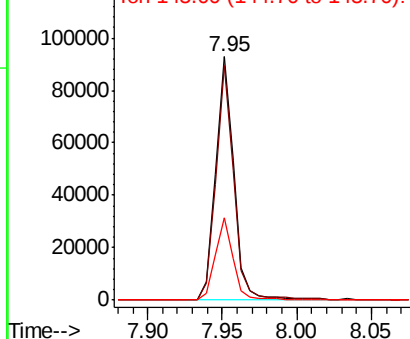


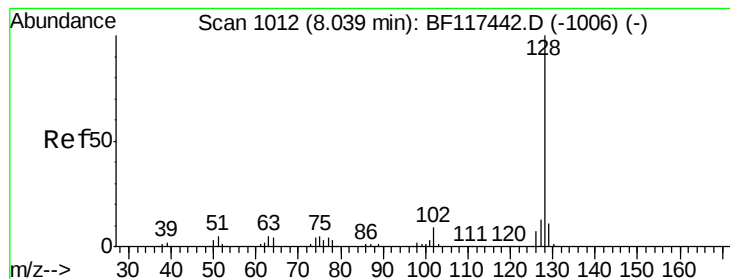
#30
 1,2,4-Trichlorobenzene
 Concen: 34.545 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:180 Resp: 79208
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.8 113.8
 145 33.9 26.5 39.7



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





#31

Naphthalene

Concen: 35.040 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

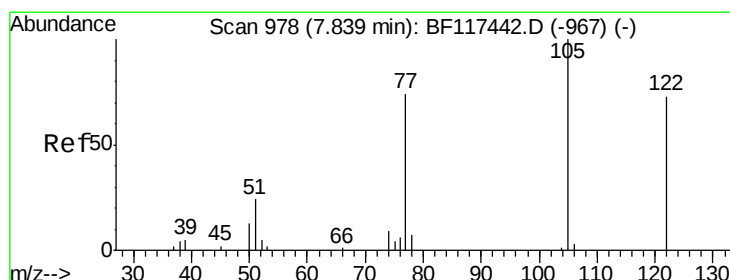
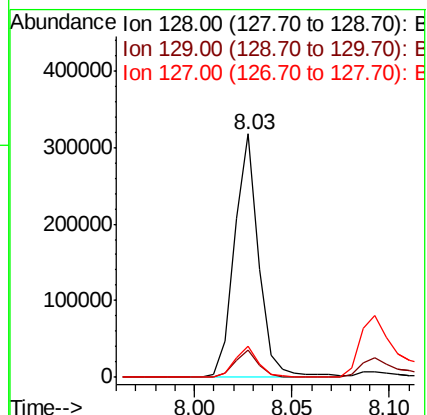
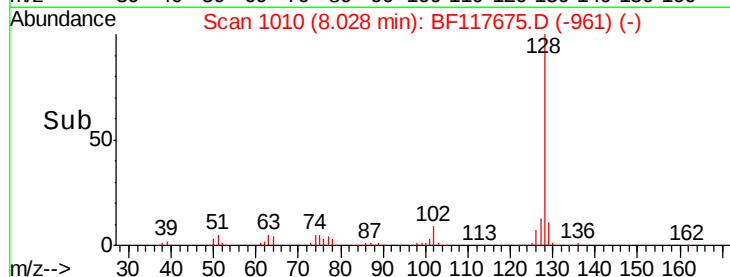
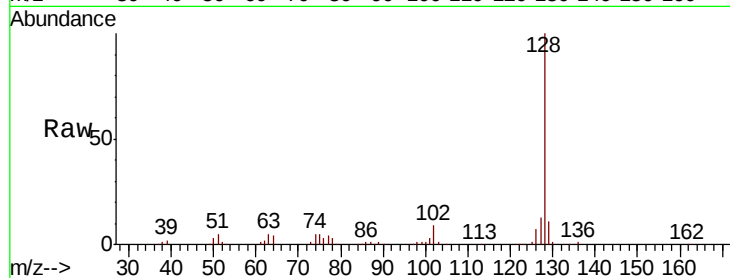
Tot Ion:128 Resp: 273599

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.0 10.2 15.2



#32

Benzoic acid

Concen: 22.053 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

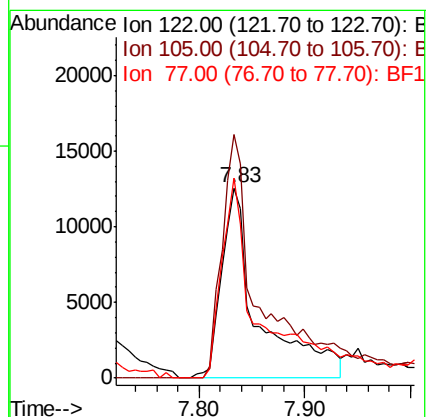
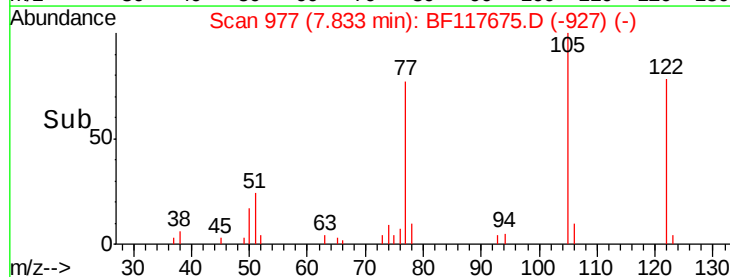
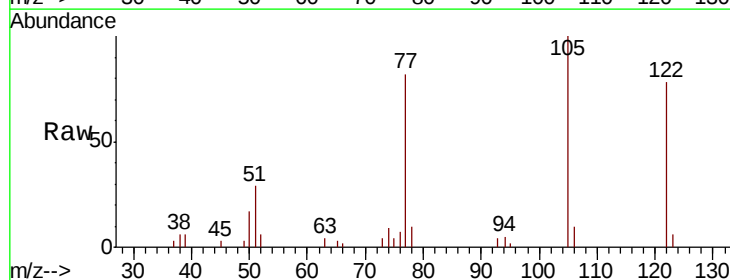
Tgt Ion:122 Resp: 30770

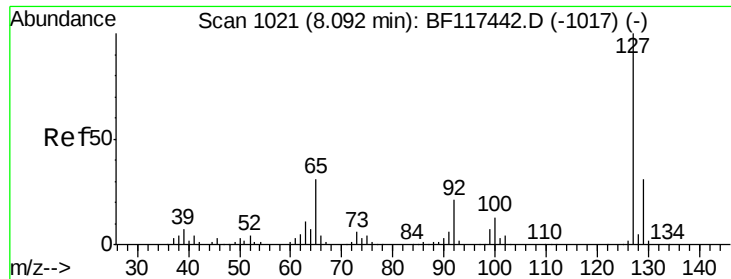
Ion Ratio Lower Upper

122 100

105 128.2 115.0 155.0

77 105.1 79.7 119.7

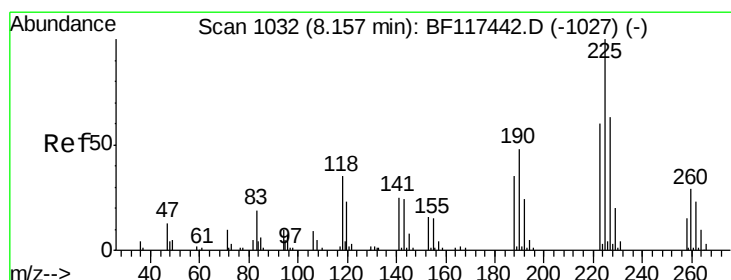
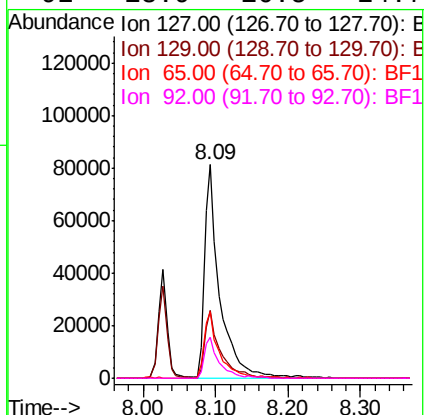
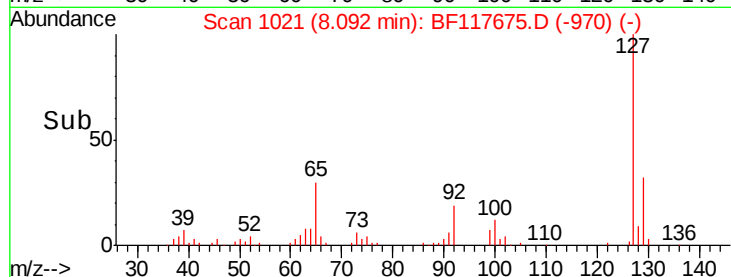
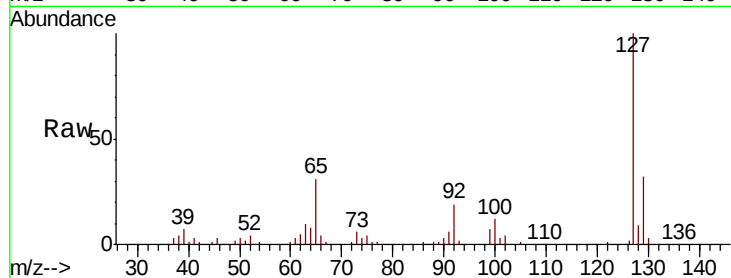




#33
4-Chloroaniline
Concen: 36.069 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

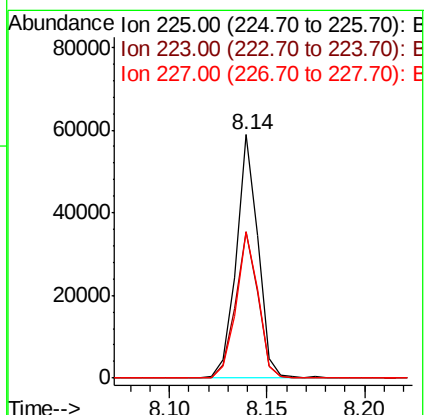
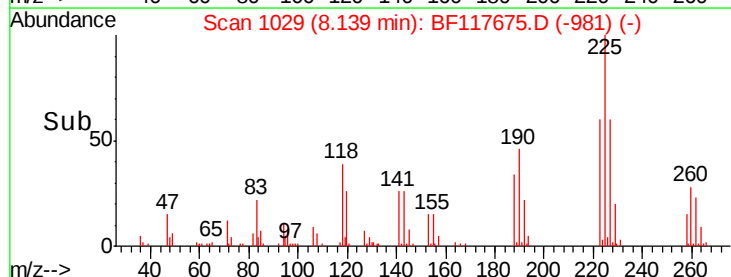
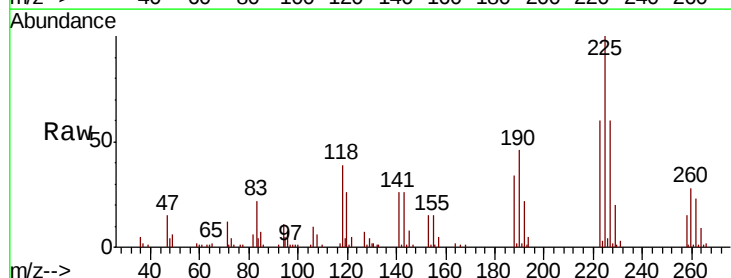
Instrument :
BNA_F
ClientSampleId :

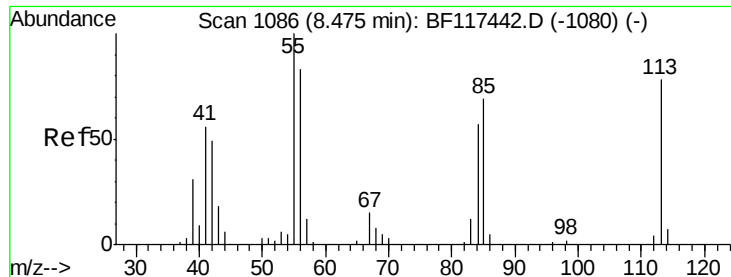
Tot Ion:127	Resp:	118857
Ion Ratio	Lower	Upper
127	100	
129	31.5	24.8 37.2
65	31.0	24.6 37.0
92	18.9	16.5 24.7



#34
Hexachlorobutadiene
Concen: 34.076 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:225	Resp:	45224
Ion Ratio	Lower	Upper
225	100	
223	60.2	48.2 72.4
227	60.2	50.2 75.4

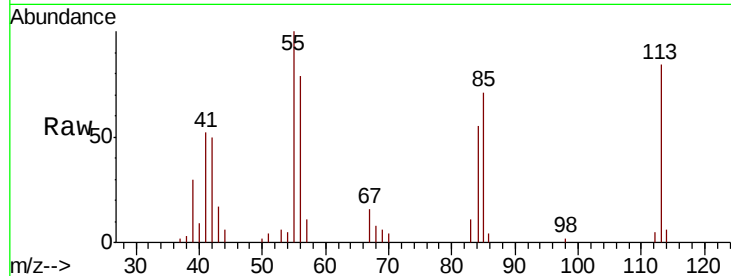




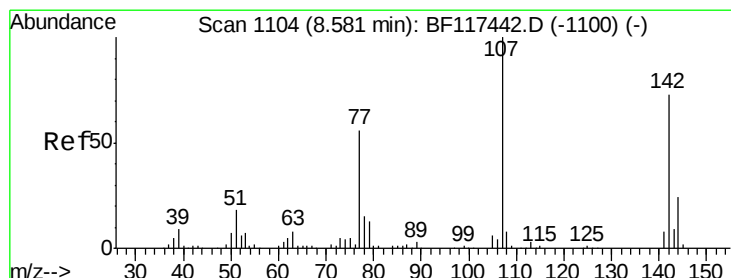
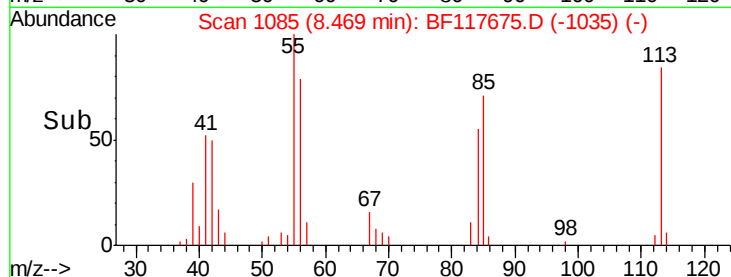
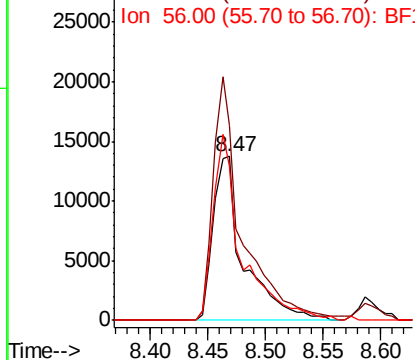
#35
Caprolactam
Concen: 36.806 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 25263
Ion Ratio Lower Upper
113 100
55 119.2 108.8 148.8
56 93.7 87.2 127.2

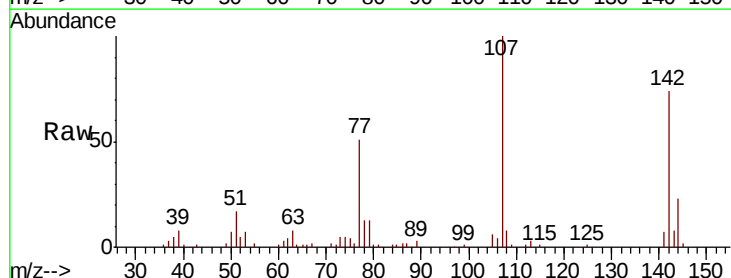


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

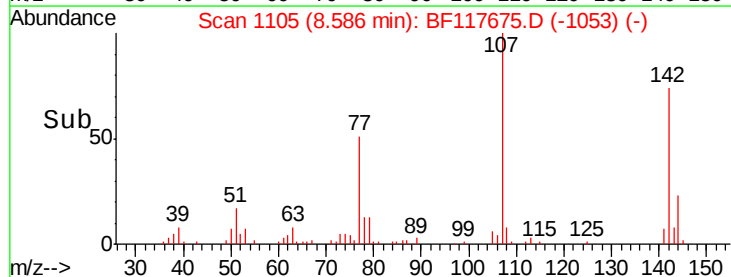
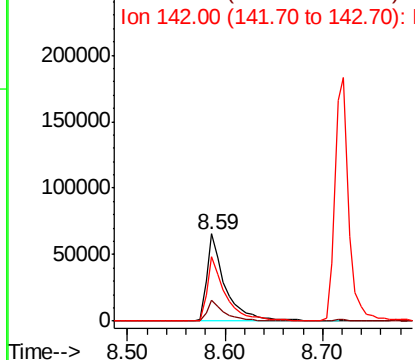


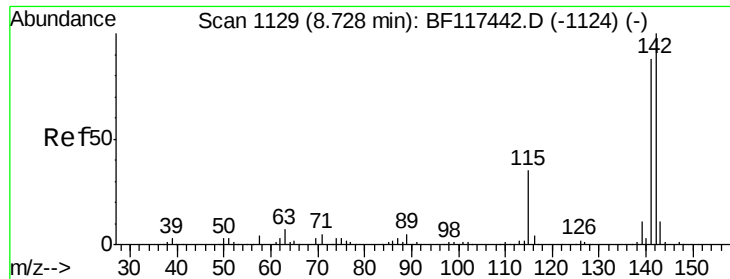
#36
4-Chloro-3-methylphenol
Concen: 35.014 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:107 Resp: 85323
Ion Ratio Lower Upper
107 100
144 23.3 18.9 28.3
142 73.8 58.6 88.0



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

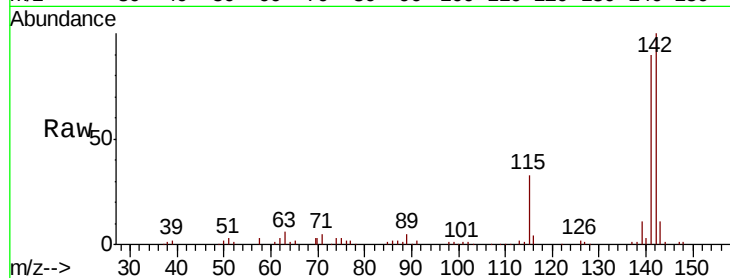




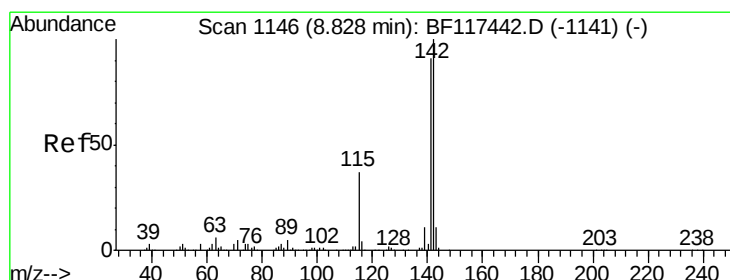
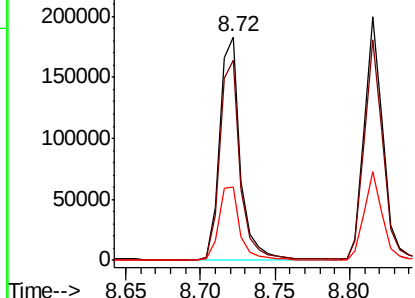
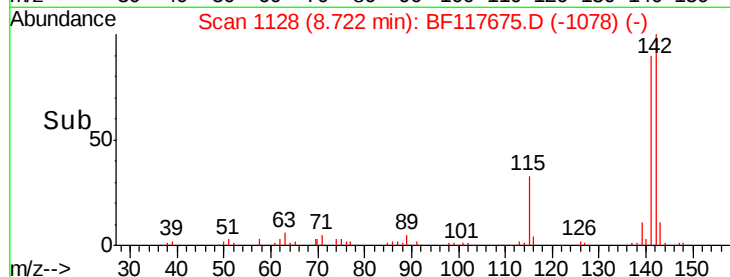
#37
 2-Methylnaphthalene
 Concen: 33.854 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	33.1	28.2	42.2

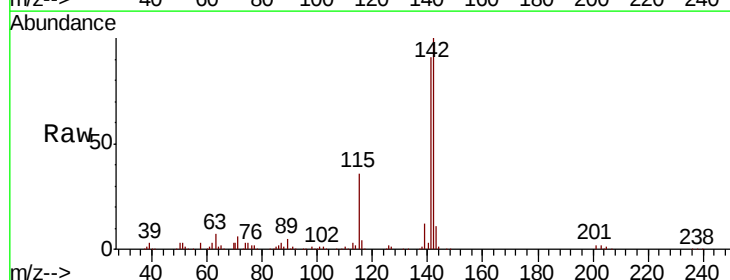


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

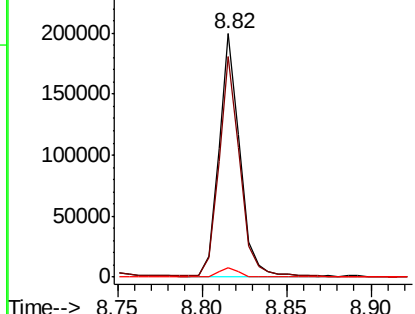
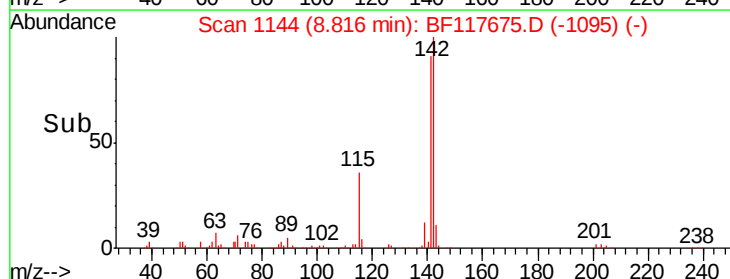


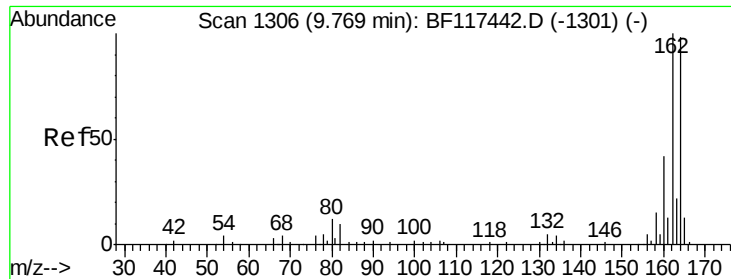
#38
 1-Methylnaphthalene
 Concen: 34.610 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.3	109.9
116	3.7	3.1	4.7



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

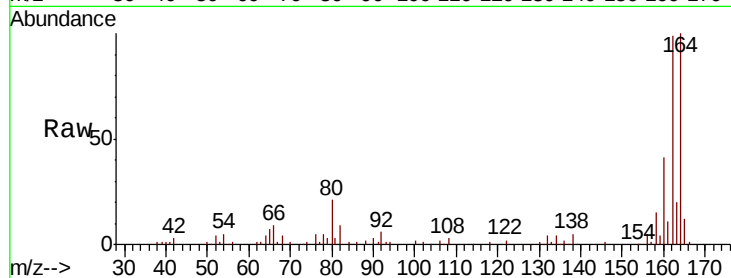




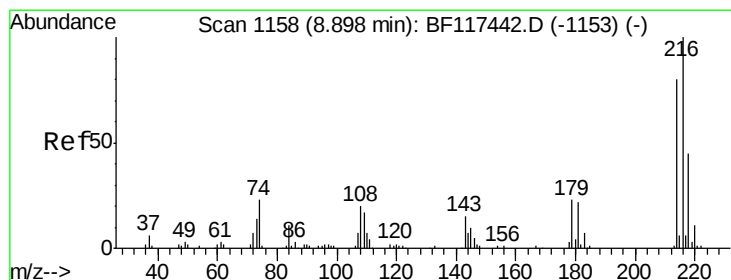
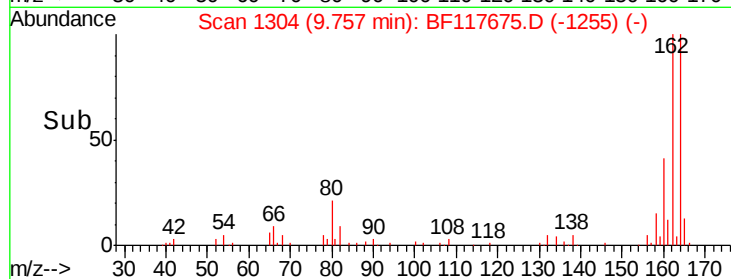
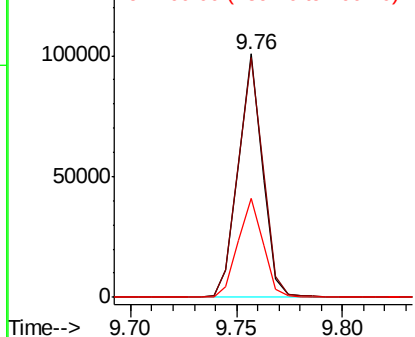
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 79660
Ion Ratio Lower Upper
164 100
162 98.7 81.8 122.6
160 40.7 34.4 51.6

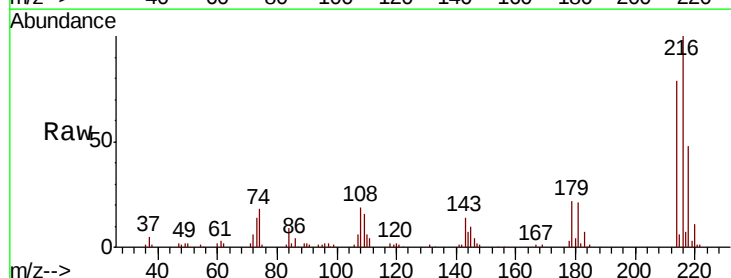


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

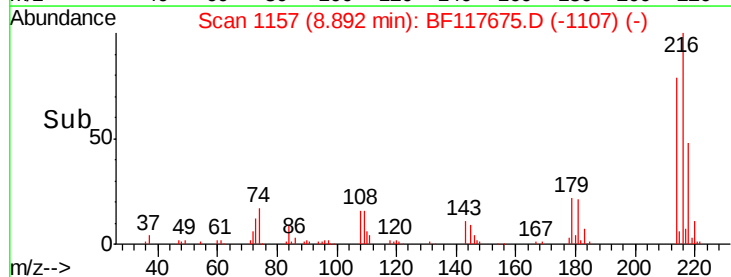
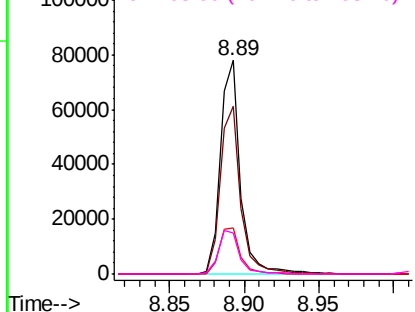


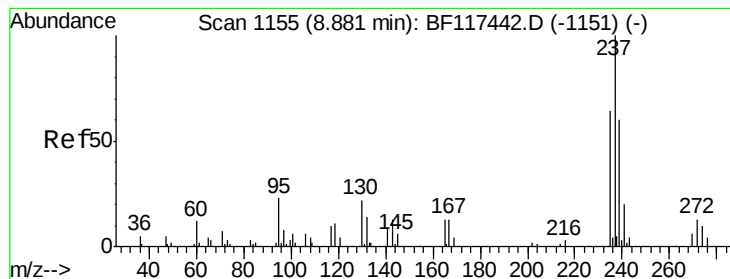
#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.191 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:216 Resp: 73358
Ion Ratio Lower Upper
216 100
214 80.8 62.4 93.6
179 22.7 18.1 27.1
108 21.3 16.6 24.8



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 15.392 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

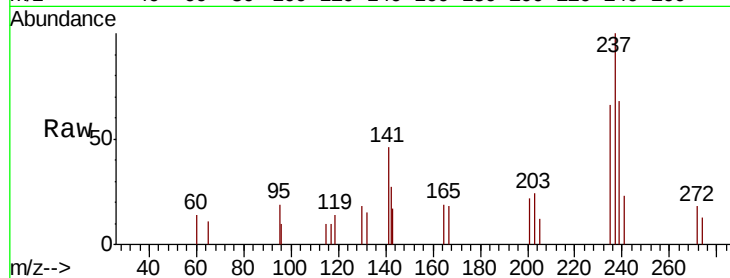
Tot Ion:237 Resp: 2448

Ion Ratio Lower Upper

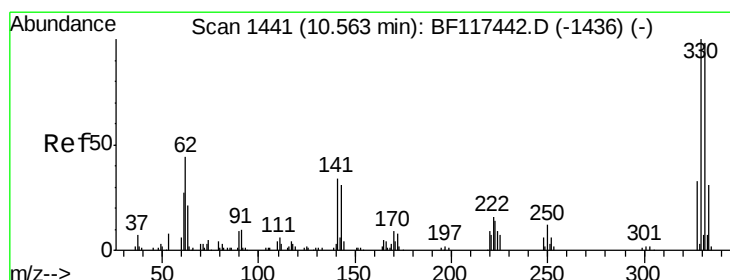
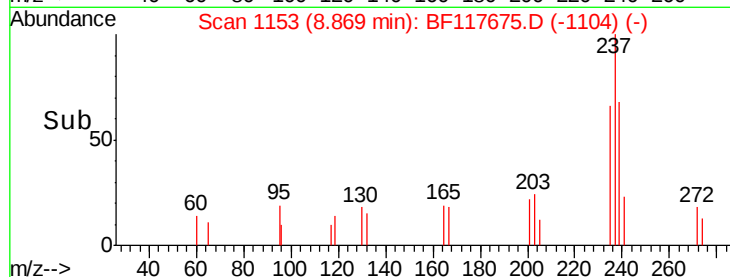
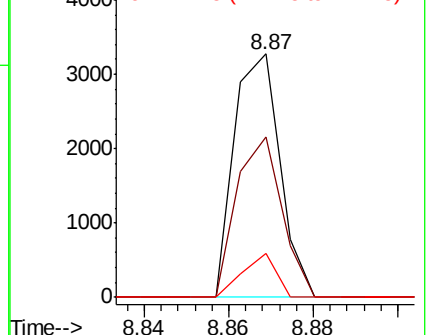
237 100

235 65.9 44.3 84.3

272 17.9 0.0 33.2



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



#42

2,4,6-Tribromophenol

Concen: 66.039 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

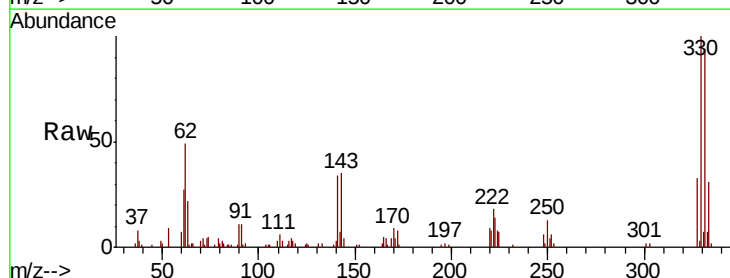
Tgt Ion:330 Resp: 45518

Ion Ratio Lower Upper

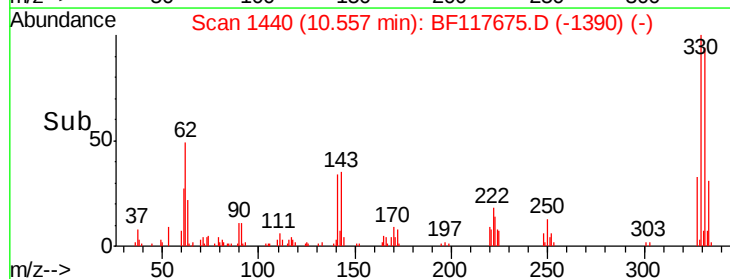
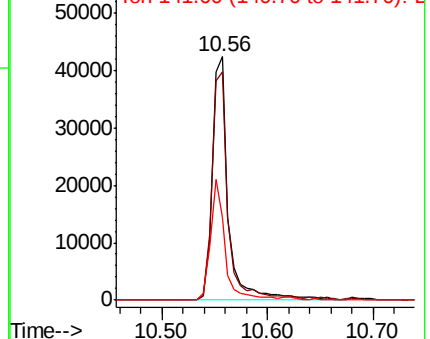
330 100

332 93.7 78.5 117.7

141 43.7 37.0 55.6



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

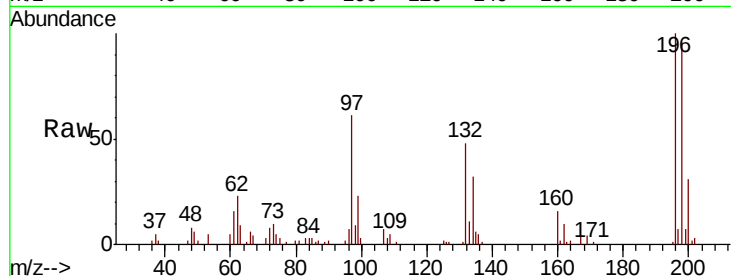




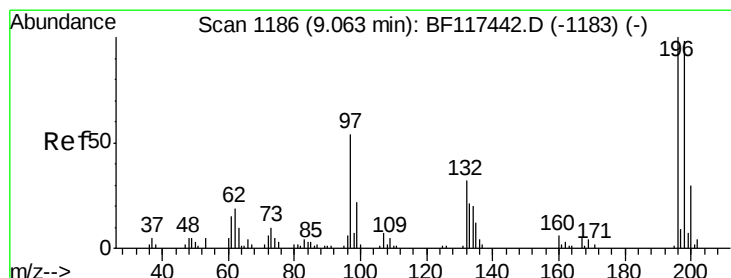
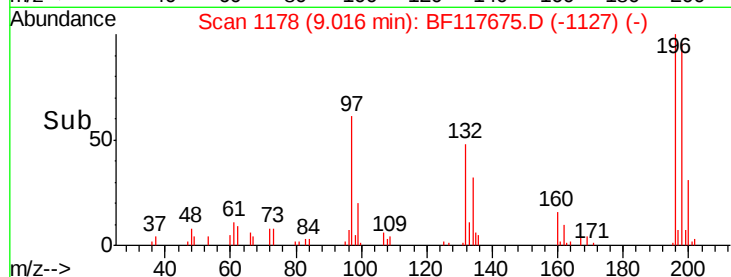
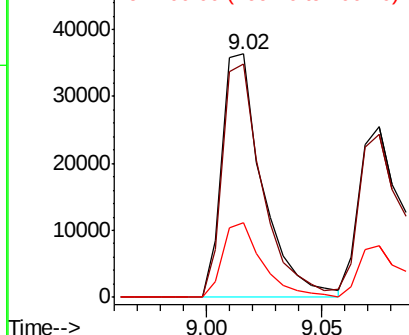
#43
 2,4,6-Trichlorophenol
 Concen: 33.292 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	44732
Ion Ratio	Lower	Upper
196	100	
198	95.8	74.1 111.1
200	30.7	23.9 35.9

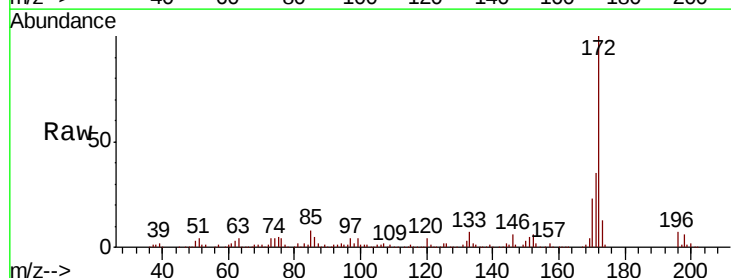


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

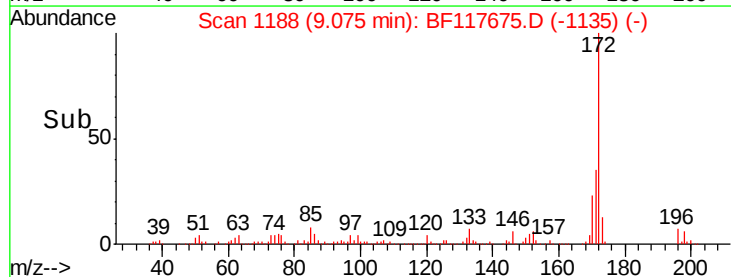
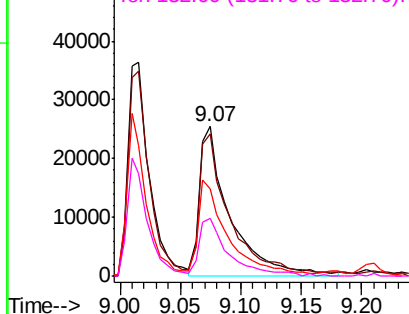


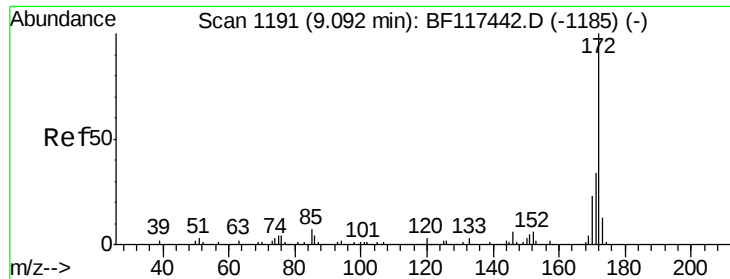
#44
 2,4,5-Trichlorophenol
 Concen: 32.860 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:196	Resp:	44739
Ion Ratio	Lower	Upper
196	100	
198	95.4	78.6 117.8
97	58.4	43.4 65.2
132	38.7	26.0 39.0



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

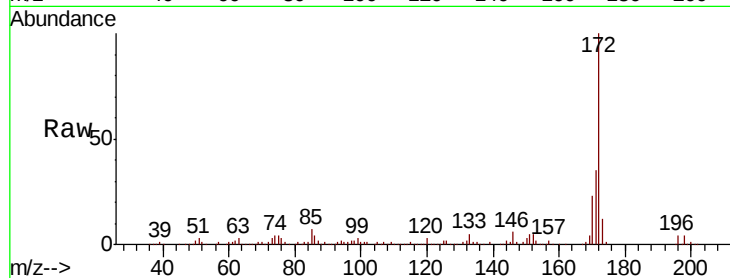




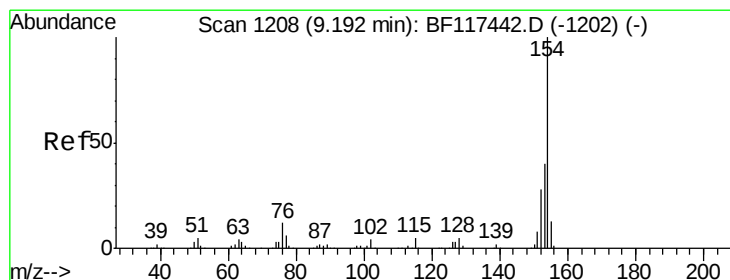
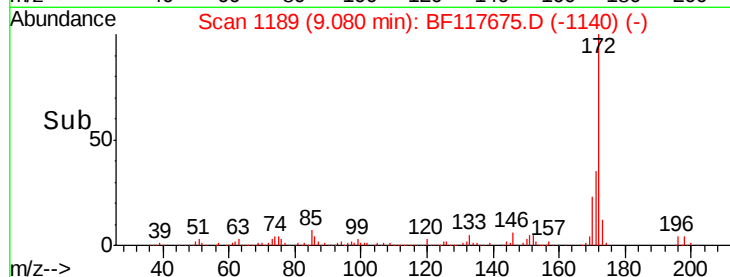
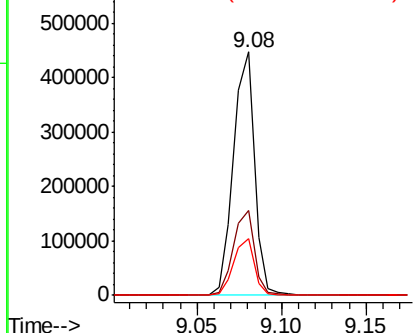
#45
 2-Fluorobiphenyl
 Concen: 68.819 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.5	41.3
170	23.1	18.6	27.8

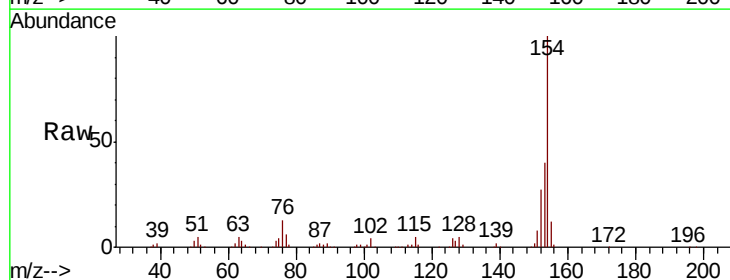


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

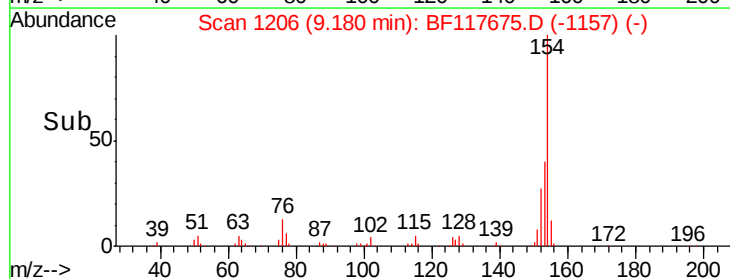
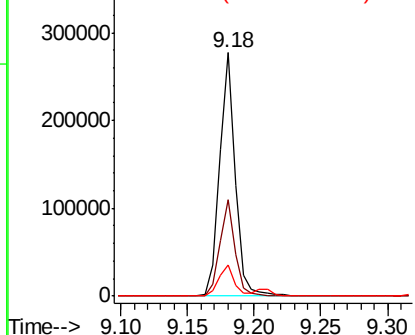


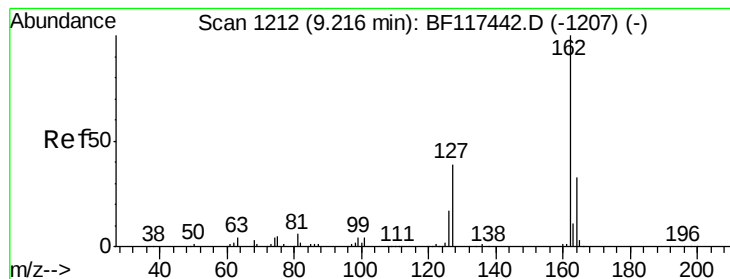
#46
 1,1'-Biphenyl
 Concen: 34.989 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.2	60.2
76	13.0	0.0	32.1



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





#47

2-Chloronaphthalene

Concen: 35.419 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

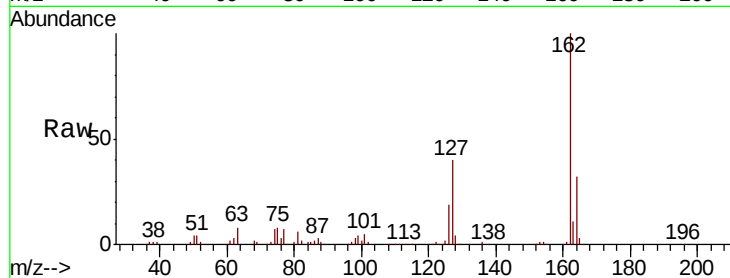
Tot Ion:162 Resp: 176116

Ion Ratio Lower Upper

162 100

127 40.0 34.2 51.4

164 31.6 26.4 39.6

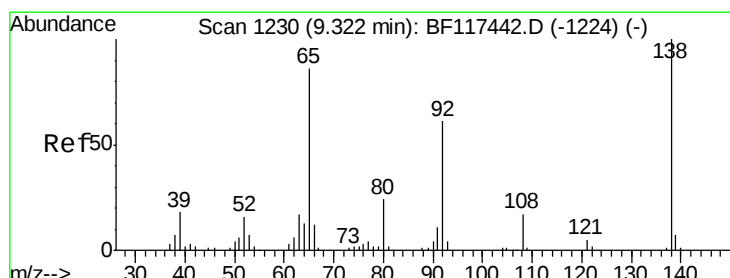
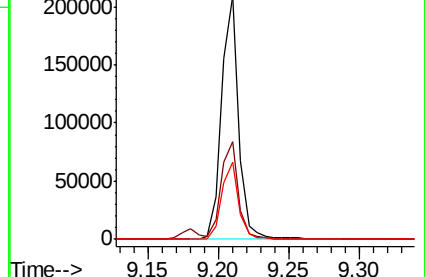
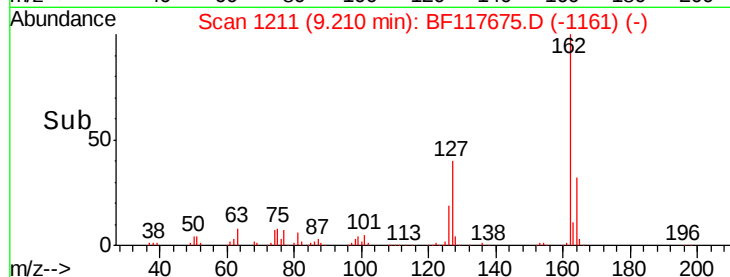


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#48

2-Nitroaniline

Concen: 35.927 ng

RT: 9.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

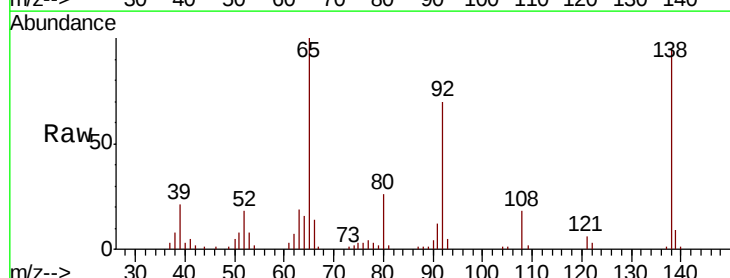
Tgt Ion: 65 Resp: 58644

Ion Ratio Lower Upper

65 100

92 69.9 57.3 85.9

138 95.4 93.3 139.9

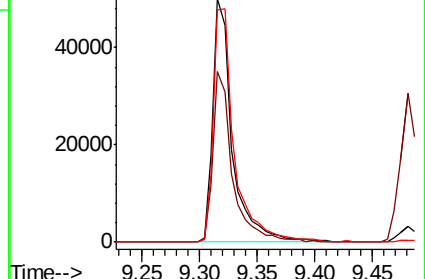
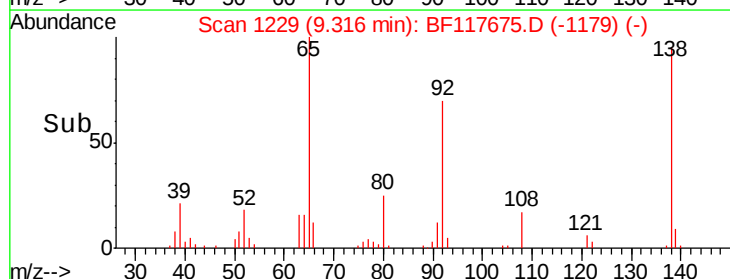


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

Time-->





#49

Acenaphthylene

Concen: 35.732 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

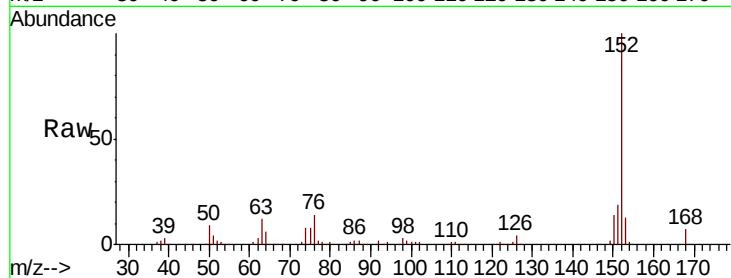
Tot Ion:152 Resp: 260971

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0

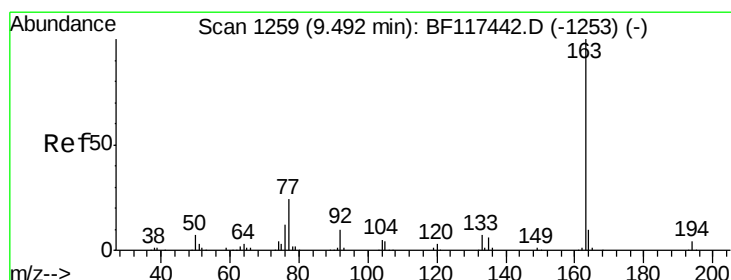
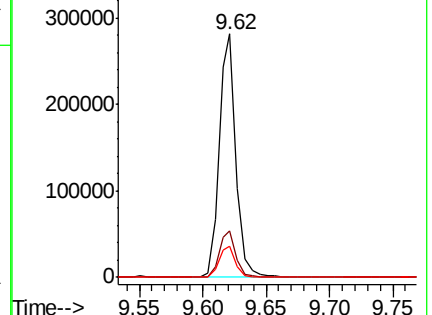
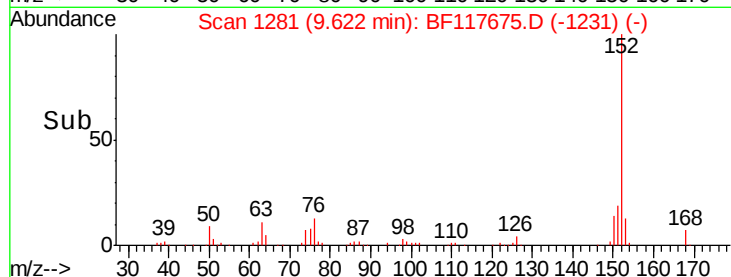
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.254 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

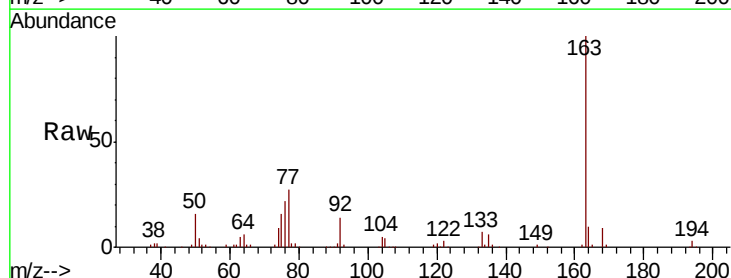
Tgt Ion:163 Resp: 194525

Ion Ratio Lower Upper

163 100

194 3.4 2.9 4.3

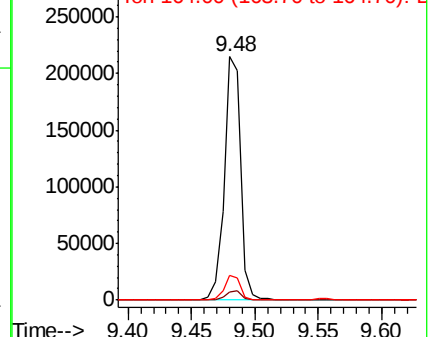
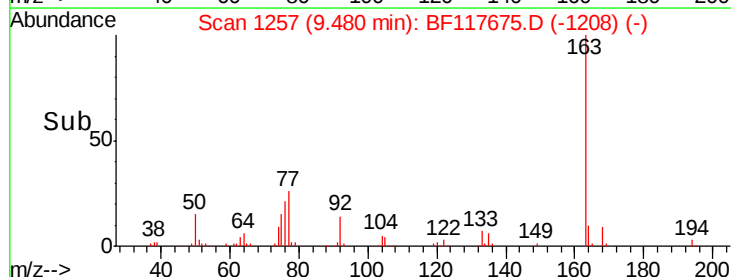
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.399 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

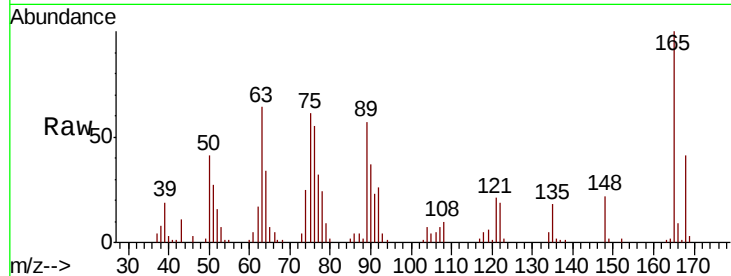
Tot Ion:165 Resp: 41949

Ion Ratio Lower Upper

165 100

63 64.4 43.8 65.8

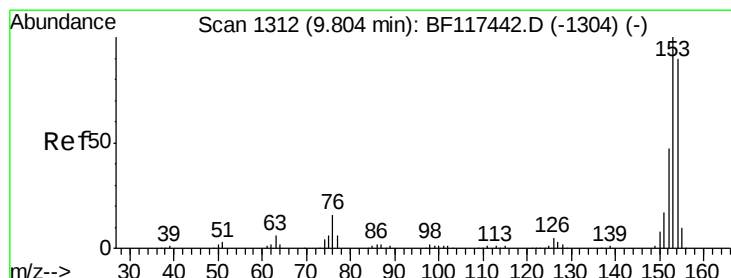
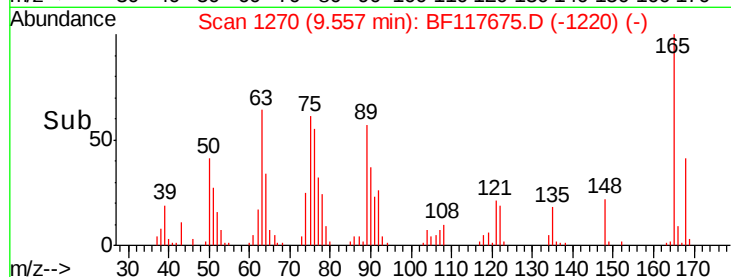
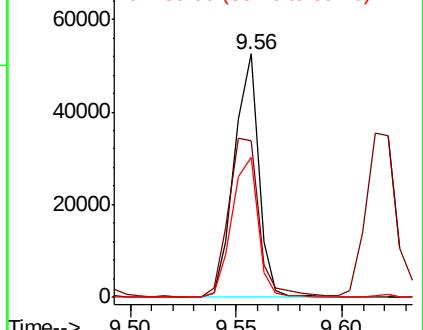
89 57.3 47.6 71.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 34.633 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

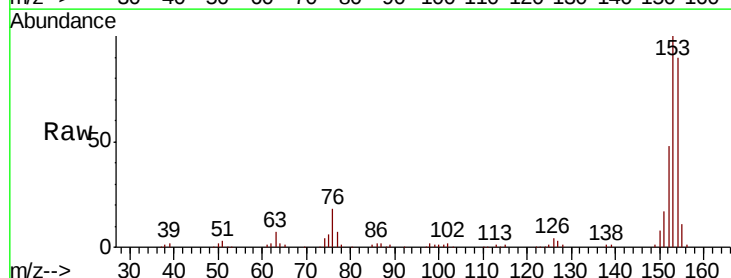
Tgt Ion:154 Resp: 155188

Ion Ratio Lower Upper

154 100

153 111.3 89.2 133.8

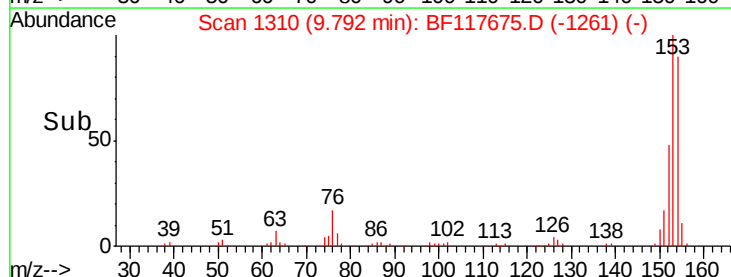
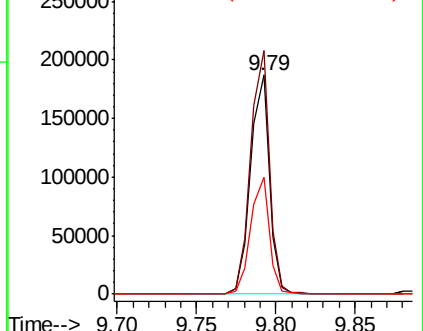
152 53.6 41.8 62.6

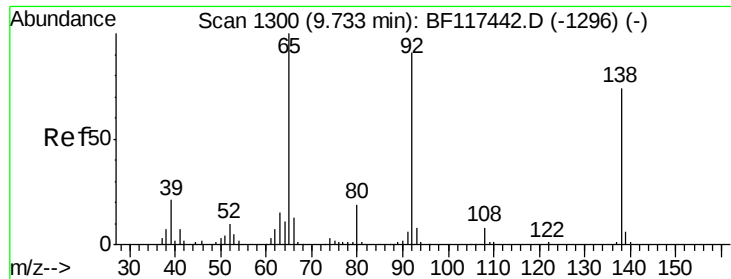


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

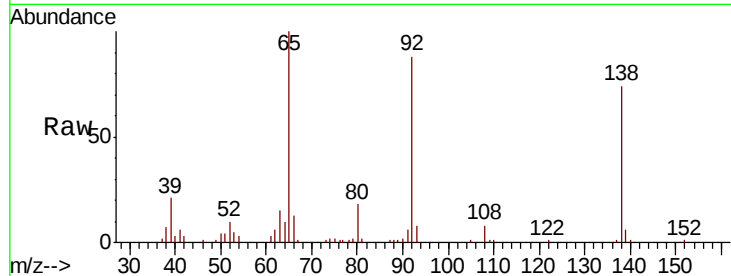




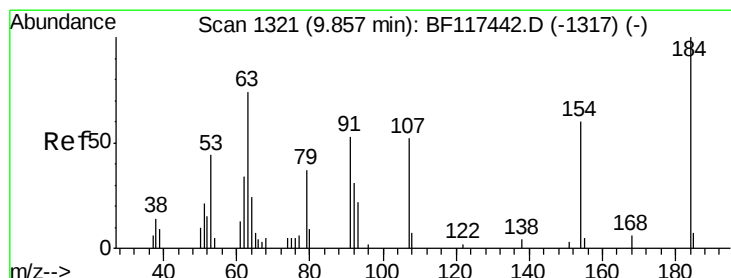
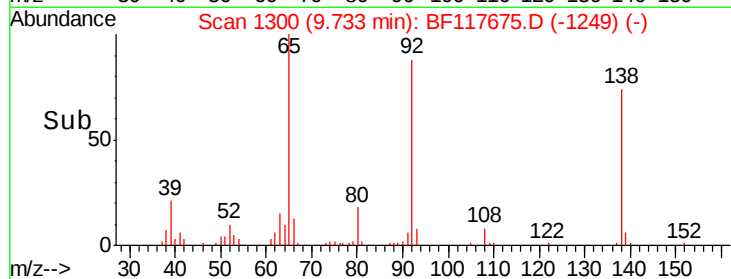
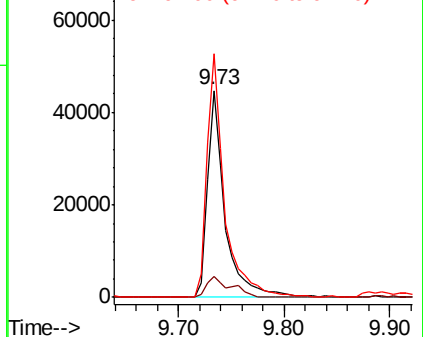
#53
3-Nitroaniline
Concen: 35.742 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 51391
Ion Ratio Lower Upper
138 100
108 10.4 8.7 13.1
92 117.7 98.4 147.6

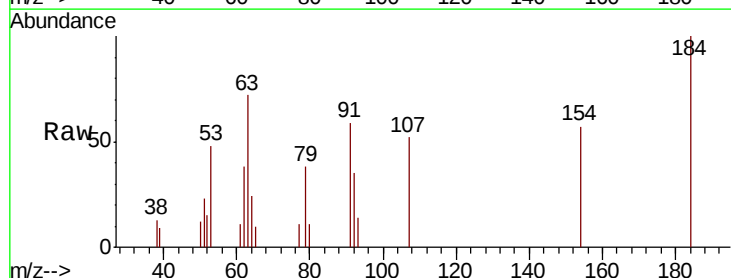


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

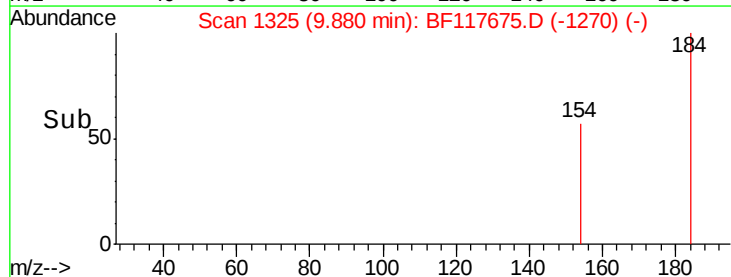
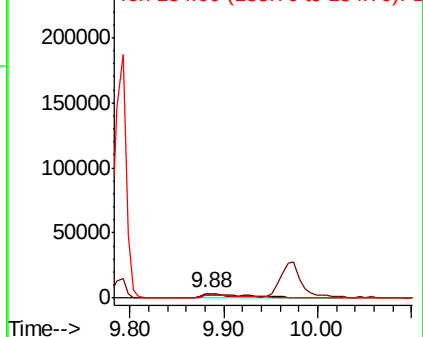


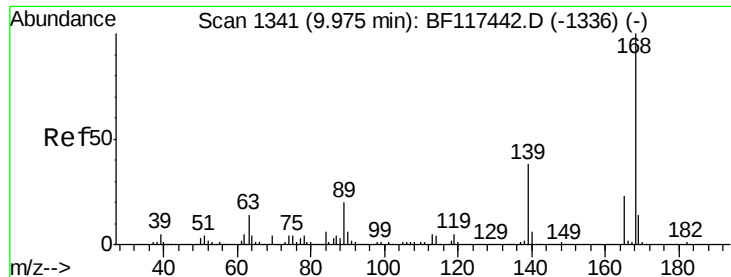
#54
2,4-Dinitrophenol
Concen: 29.528 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:184 Resp: 13000
Ion Ratio Lower Upper
184 100
63 72.0 59.2 88.8
154 56.8 53.4 80.0



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

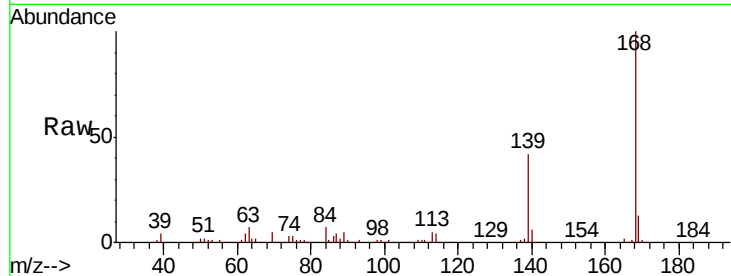




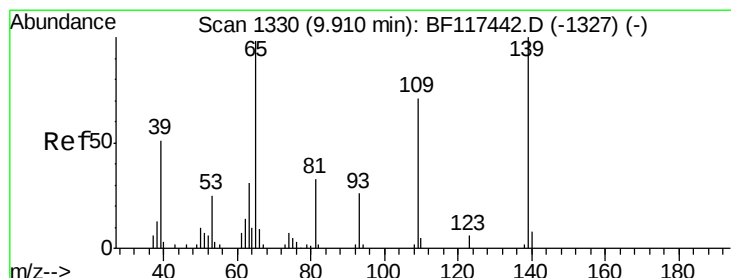
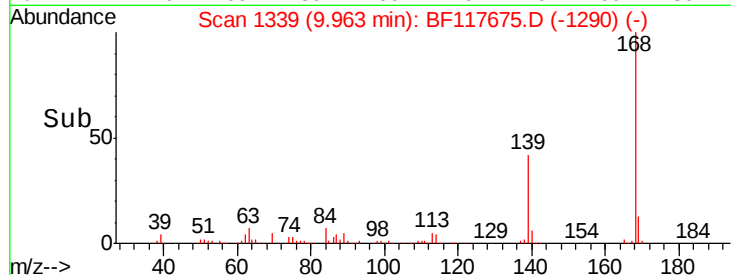
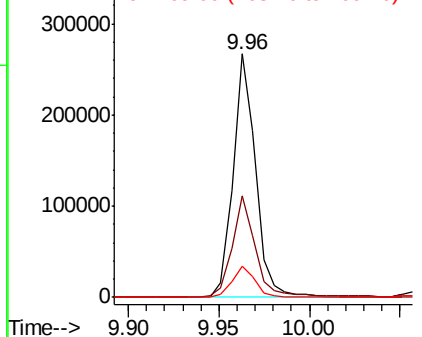
#55
Dibenzenofuran
Concen: 35.463 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.7	31.8	47.6
169	13.0	11.2	16.8

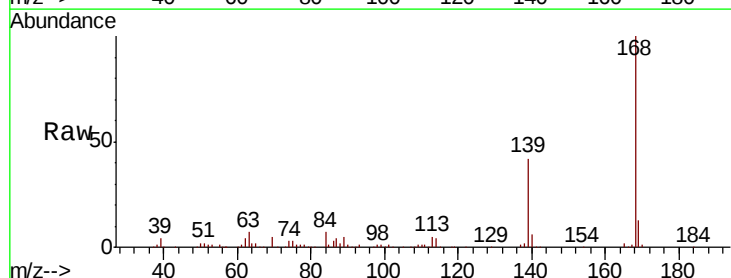


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

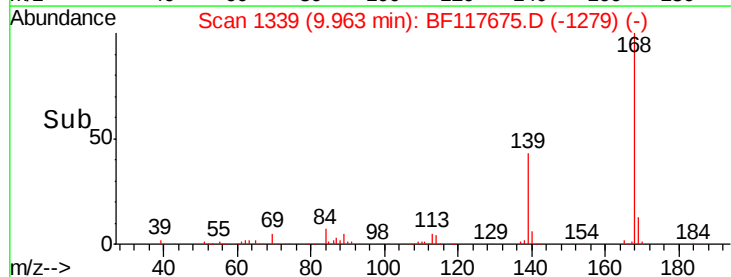
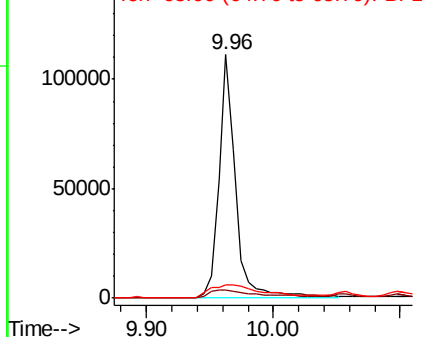


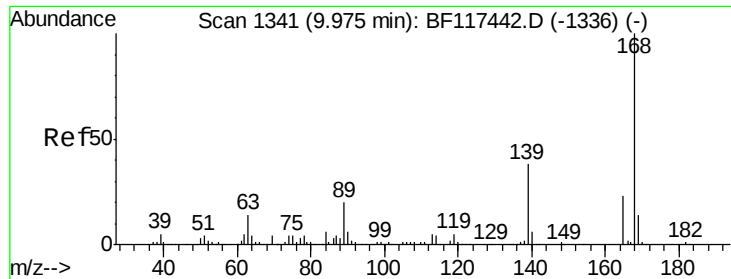
#56
4-Nitrophenol
Concen: 152.975 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.05 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	3.4	51.4	91.4#
65	5.2	79.4	119.4#



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

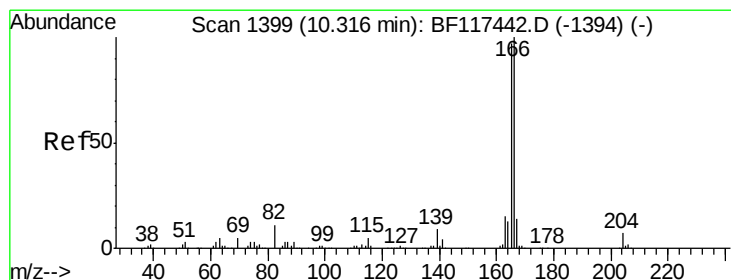
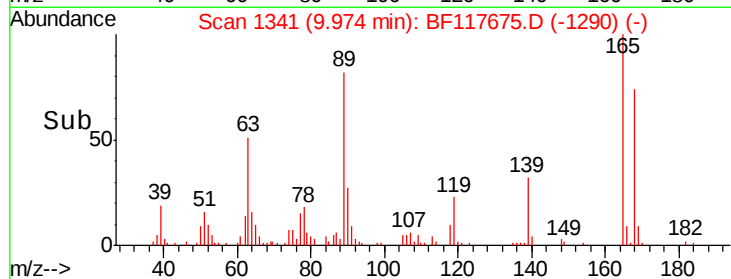
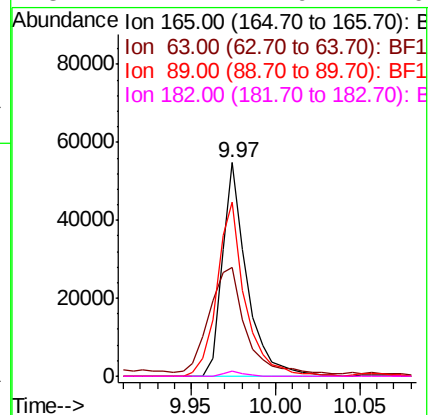
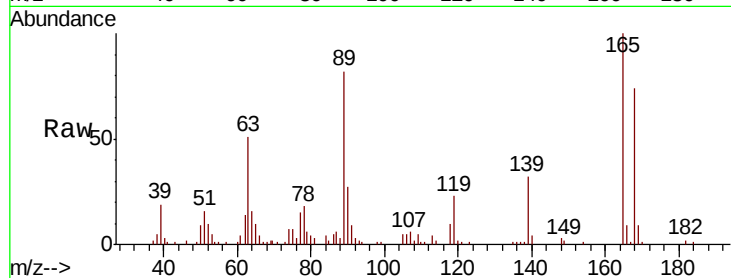




#57
 2,4-Dinitrotoluene
 Concen: 35.478 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

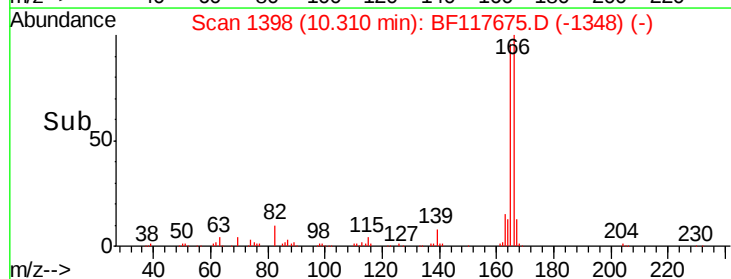
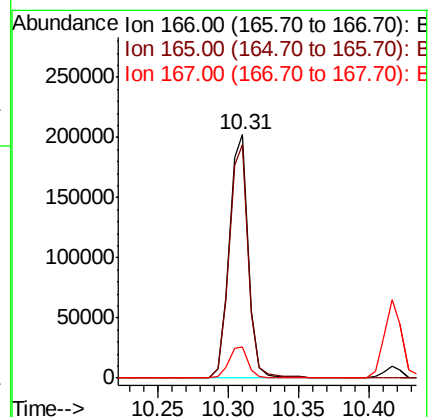
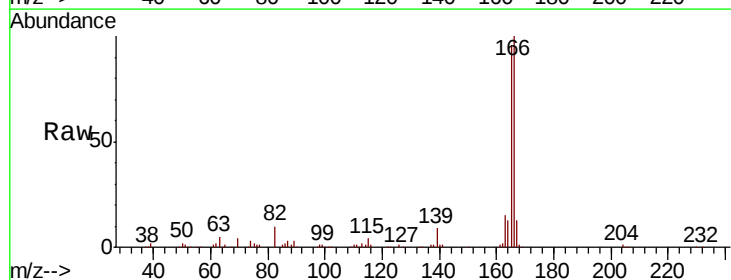
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 55897
 Ion Ratio Lower Upper
 165 100
 63 50.7 51.4 77.0#
 89 81.6 69.9 104.9
 182 2.1 1.9 2.9



#58
 Fluorene
 Concen: 35.326 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:166 Resp: 189649
 Ion Ratio Lower Upper
 166 100
 165 96.1 77.6 116.4
 167 12.7 11.0 16.4

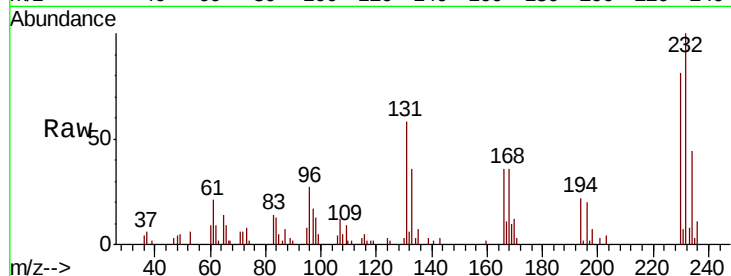




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 30.825 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	54.6	42.6	63.8
130	2.0	2.2	3.4
166	30.5	27.5	41.3



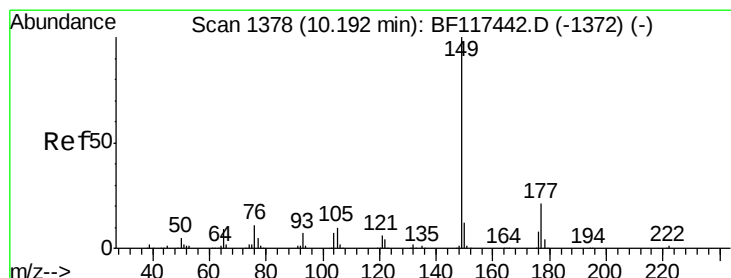
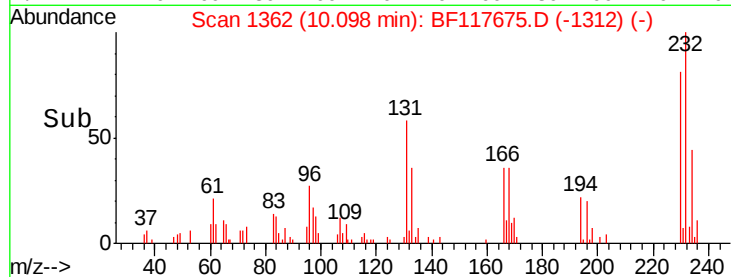
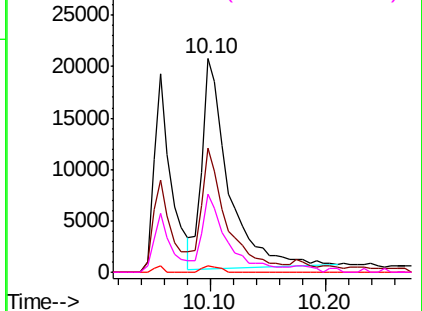
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

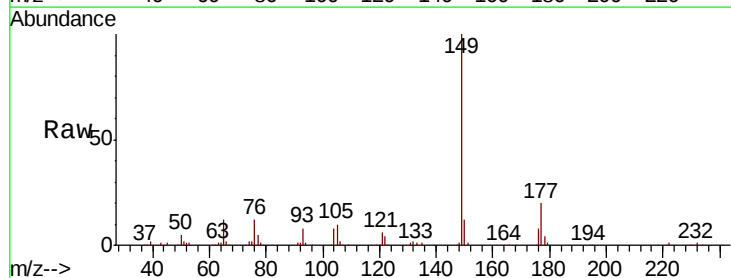
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 34.456 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.02 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	17.0	25.4
150	12.0	9.8	14.6

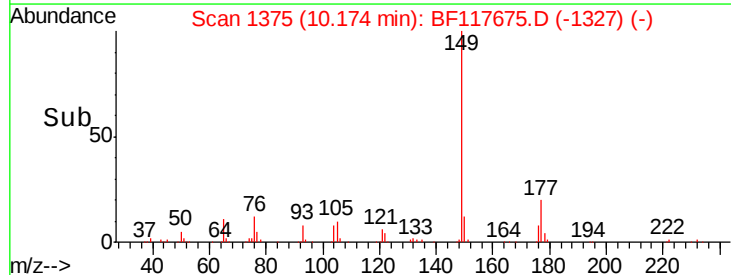
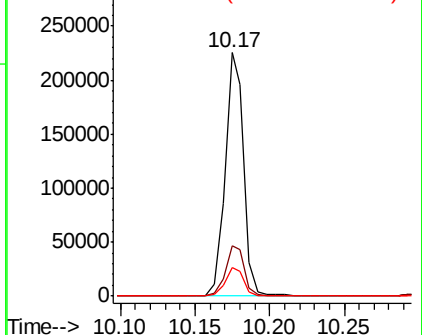


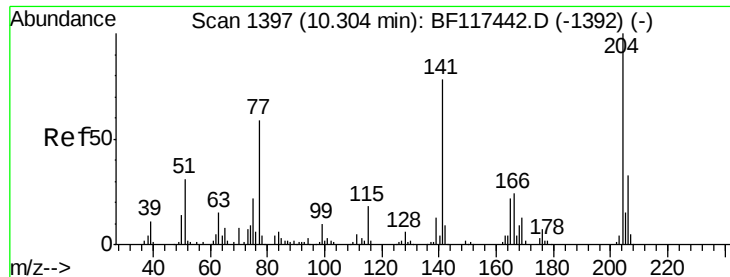
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

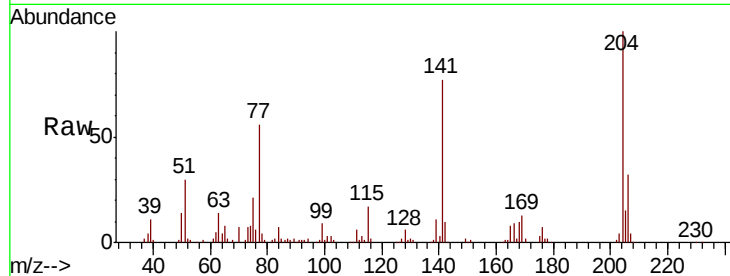




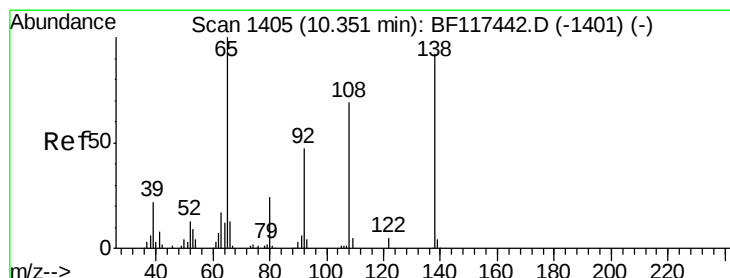
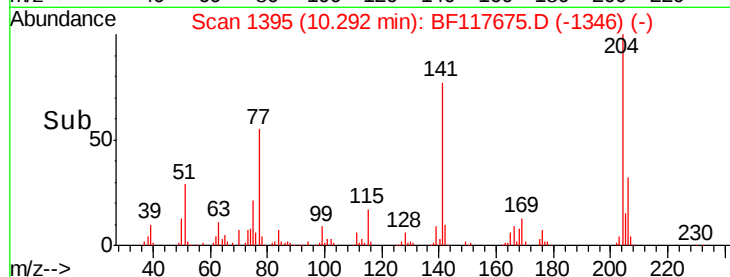
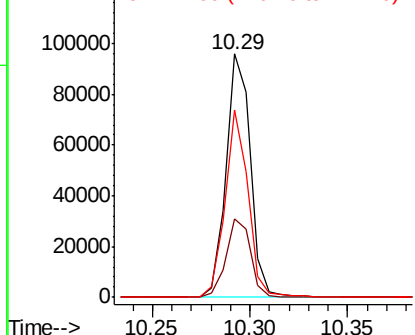
#61
4-Chlorophenyl-phenylether
Concen: 34.516 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 83138
Ion Ratio Lower Upper
204 100
206 32.1 26.3 39.5
141 77.1 62.2 93.4

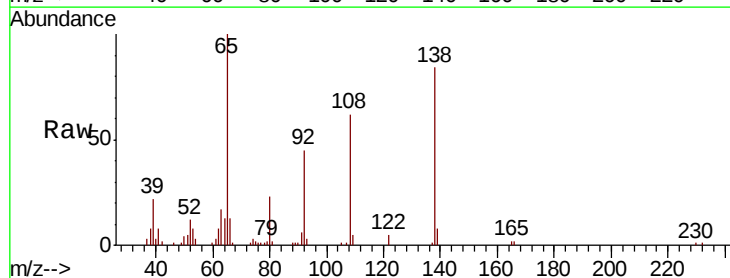


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

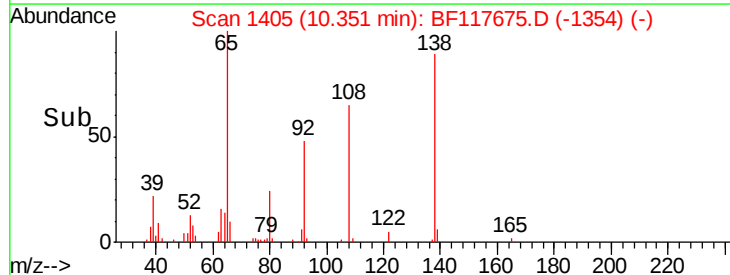
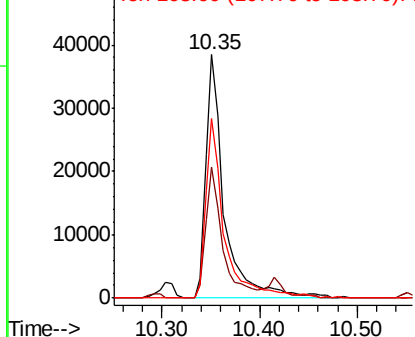


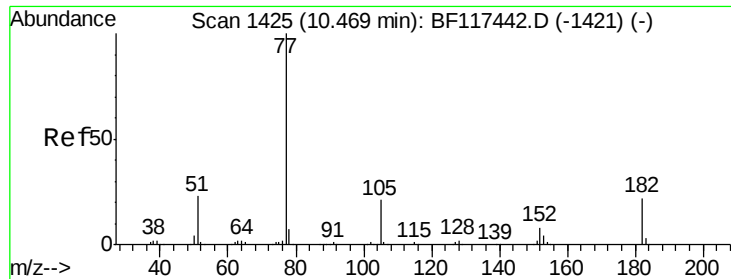
#62
4-Nitroaniline
Concen: 37.112 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:138 Resp: 50297
Ion Ratio Lower Upper
138 100
92 53.8 30.3 70.3
108 74.0 54.9 94.9



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





#63

Azobenzene

Concen: 34.947 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 205489

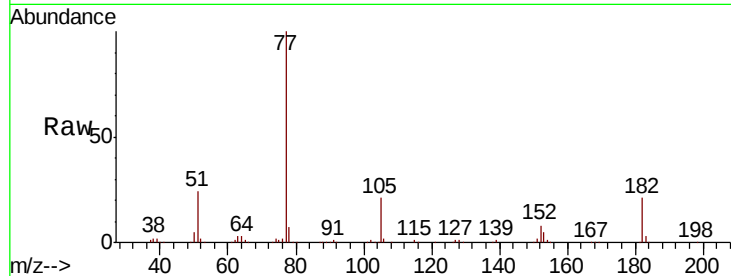
Ion Ratio Lower Upper

77 100

182 21.4 2.3 42.3

105 20.9 1.3 41.3

51 23.8 3.5 43.5

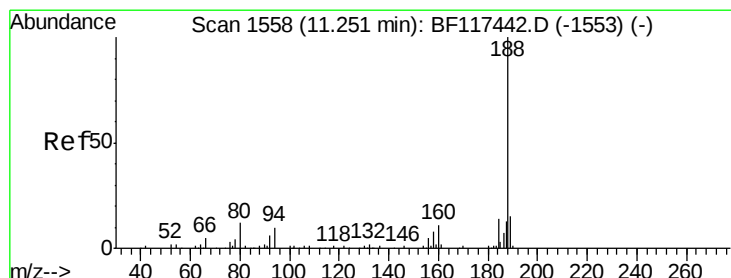
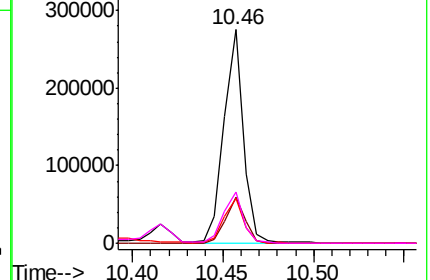
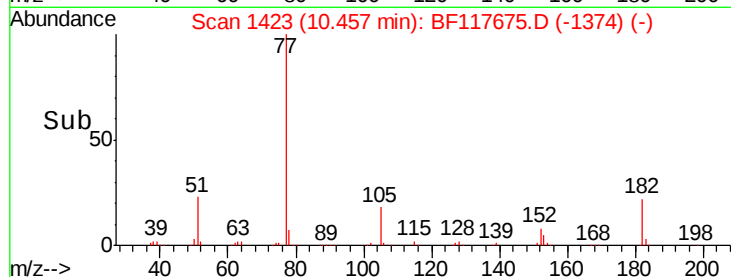


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

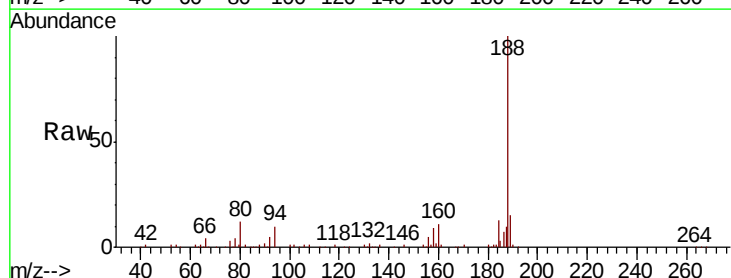
Tgt Ion: 188 Resp: 132329

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

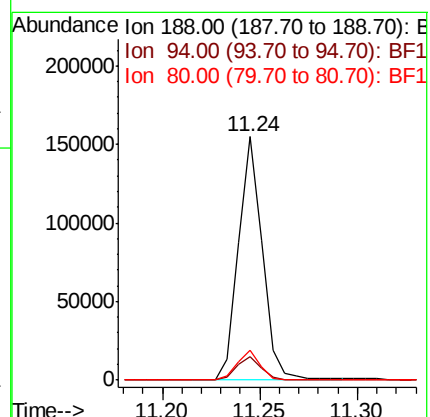
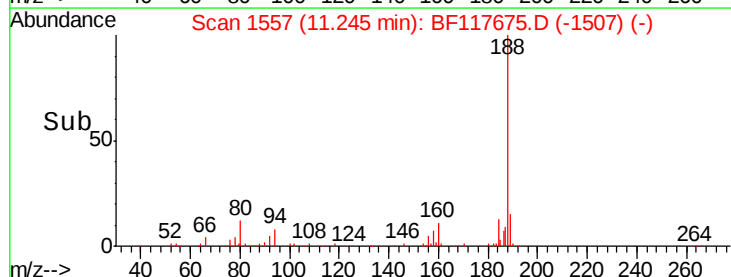
80 12.1 9.5 14.3

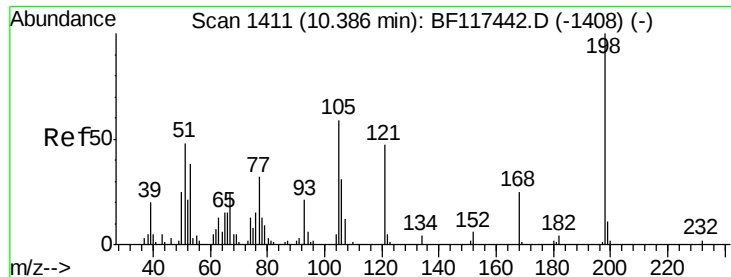


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

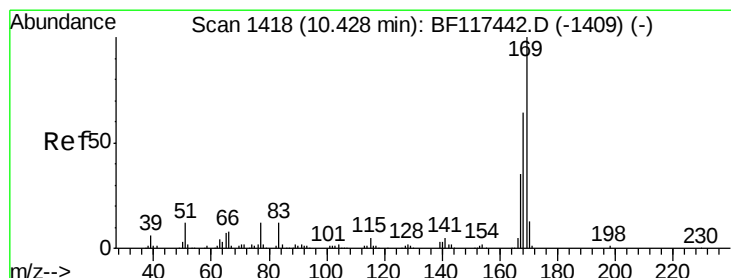
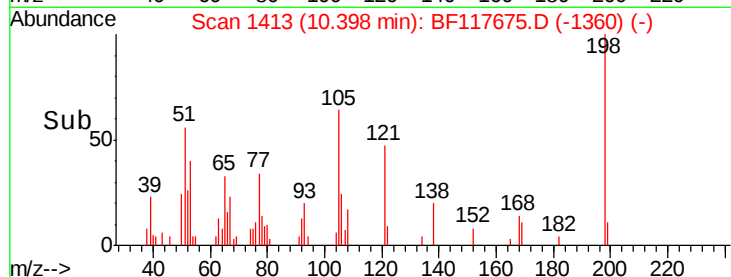
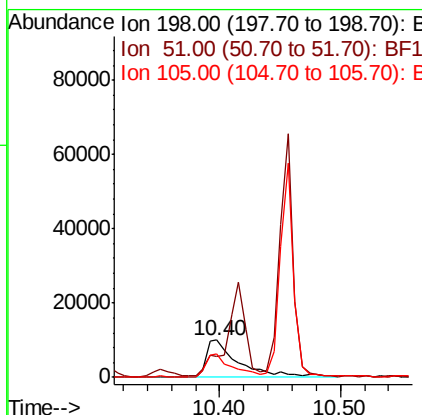
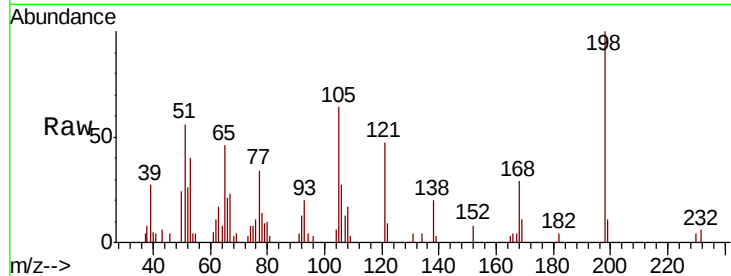




#65
4,6-Dinitro-2-methylphenol
Concen: 27.884 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

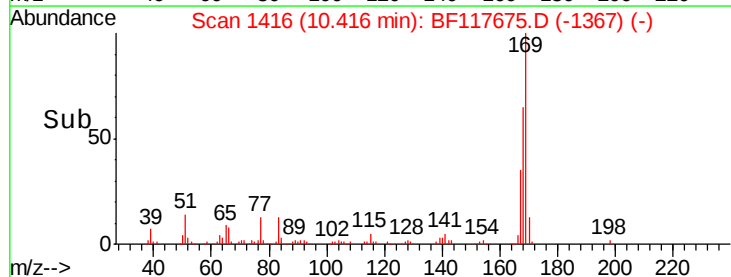
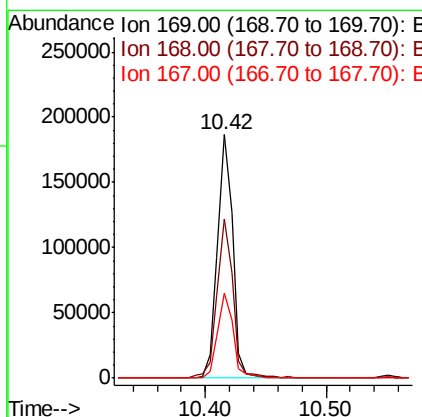
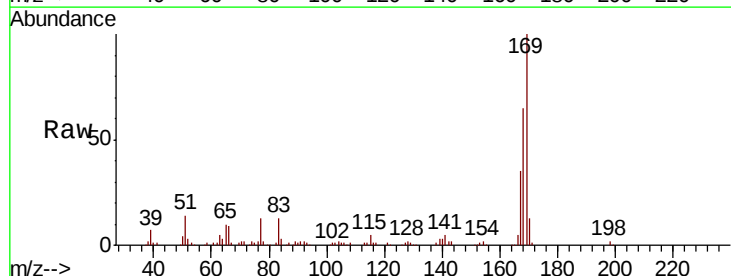
Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 18760
Ion Ratio Lower Upper
198 100
51 55.8 29.1 69.1
105 63.9 39.4 79.4



#66
n-Nitrosodiphenylamine
Concen: 33.189 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:169 Resp: 160558
Ion Ratio Lower Upper
169 100
168 65.3 51.3 76.9
167 34.8 28.2 42.4

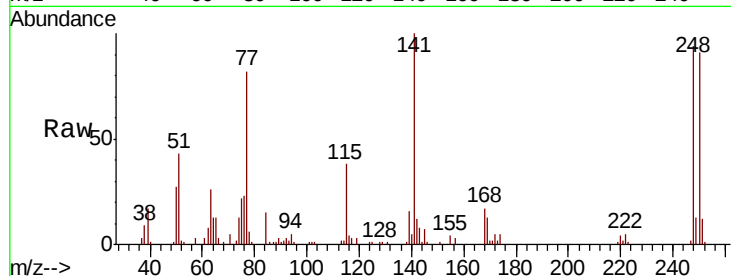




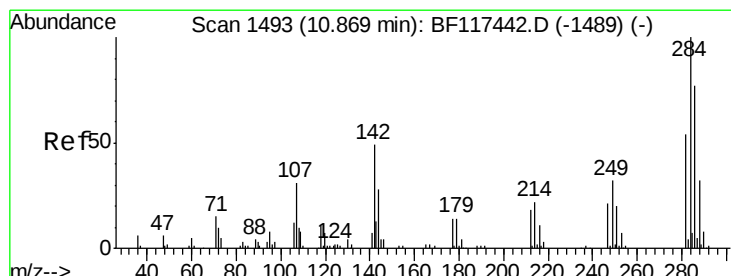
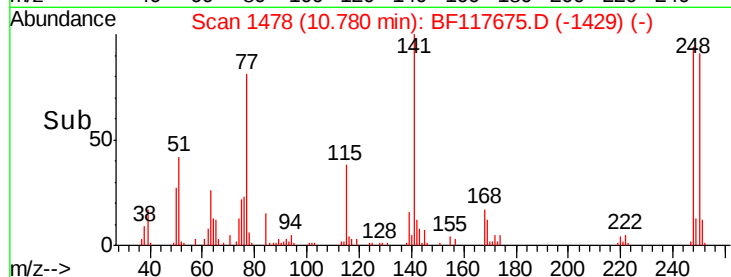
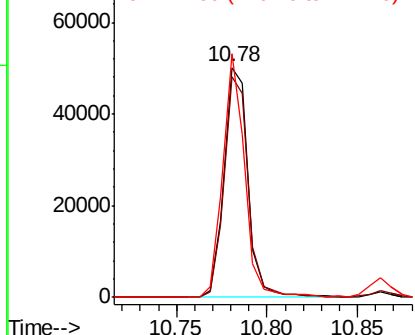
#67
4-Bromophenyl-phenylether
Concen: 32.433 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 46228
Ion Ratio Lower Upper
248 100
250 96.0 78.0 117.0
141 106.0 81.7 122.5

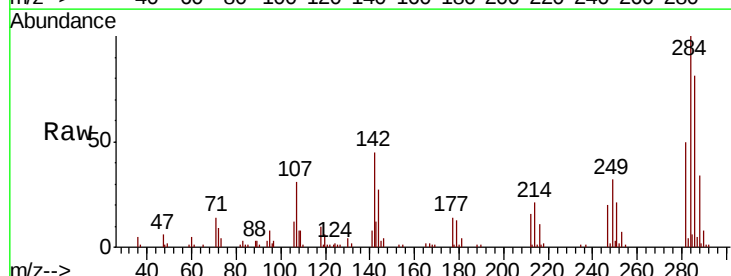


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

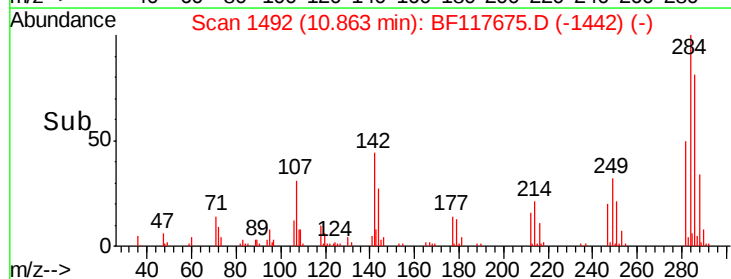
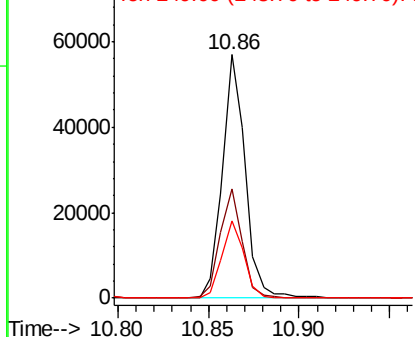


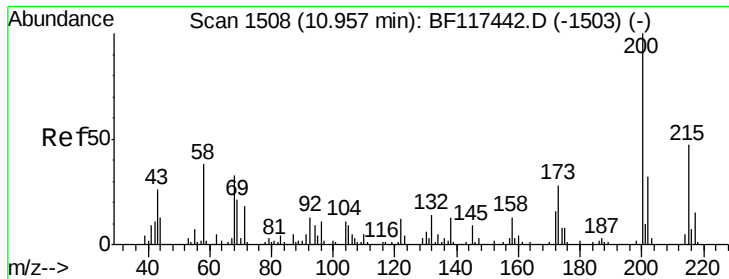
#68
Hexachlorobenzene
Concen: 32.636 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:284 Resp: 49818
Ion Ratio Lower Upper
284 100
142 45.0 39.0 58.6
249 31.5 25.7 38.5



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

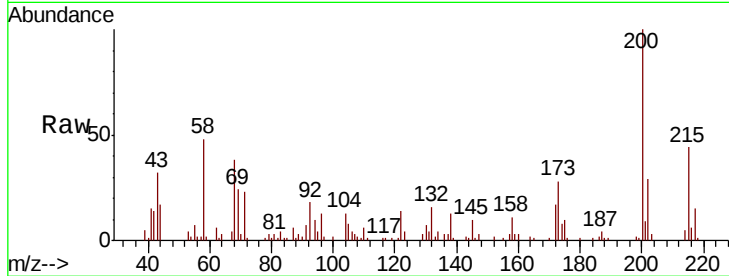




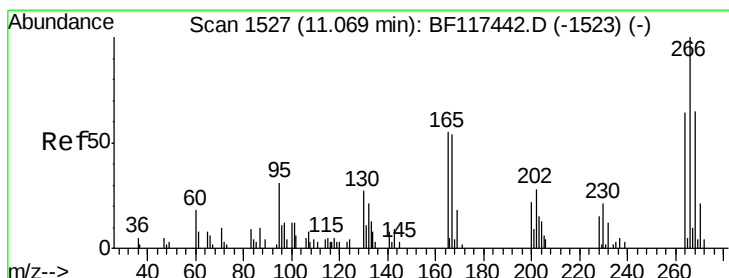
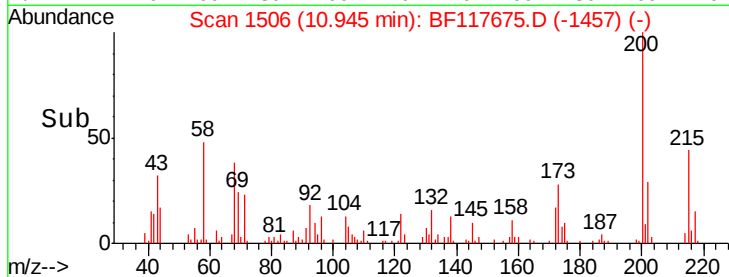
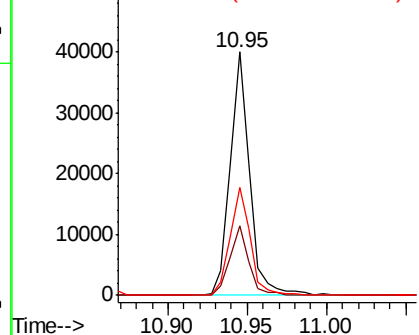
#69
 Atrazine
 Concen: 27.551 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 33910
 Ion Ratio Lower Upper
 200 100
 173 28.5 8.2 48.2
 215 44.2 26.8 66.8

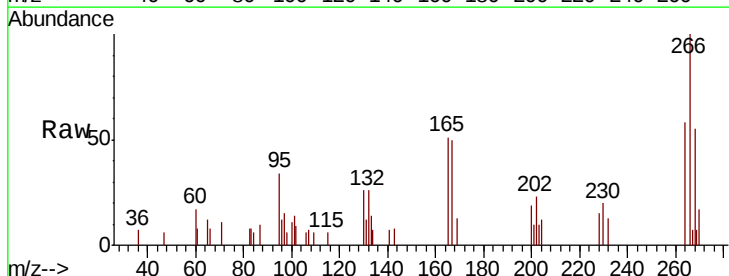


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

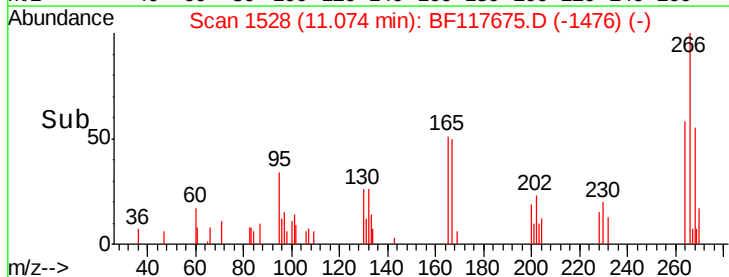
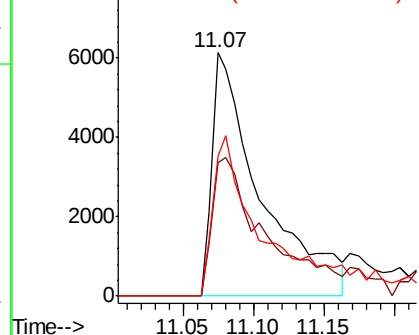


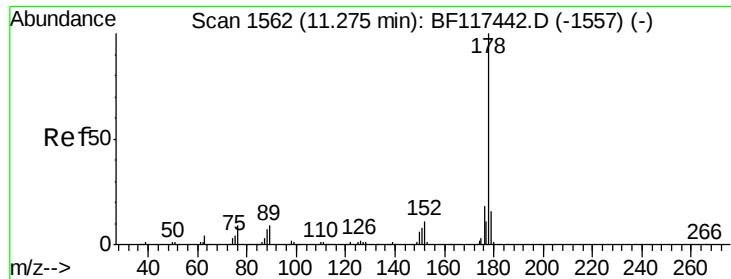
#70
 Pentachlorophenol
 Concen: 32.373 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:266 Resp: 14814
 Ion Ratio Lower Upper
 266 100
 268 55.1 51.6 77.4
 264 57.6 51.4 77.2



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

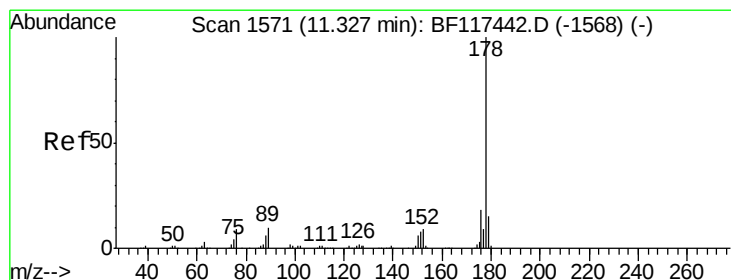
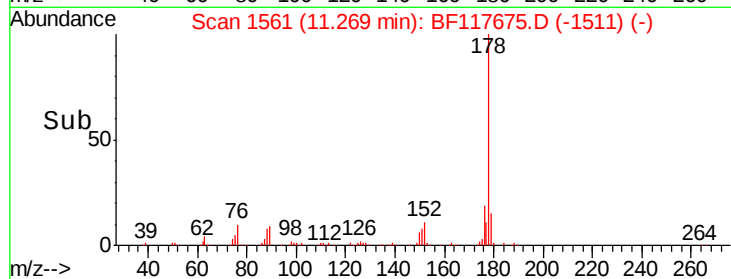
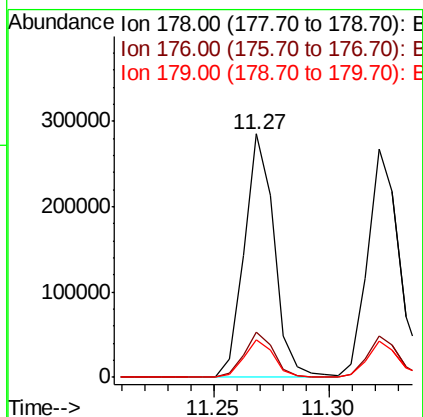
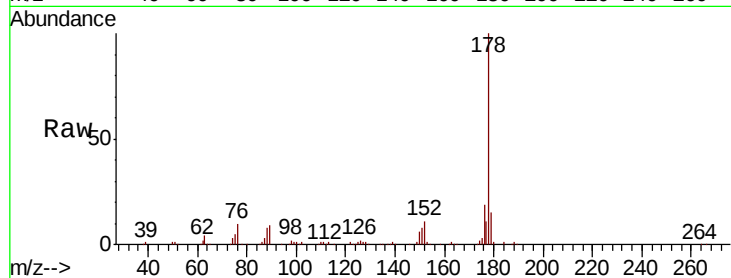




#71
Phenanthrene
Concen: 33.877 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

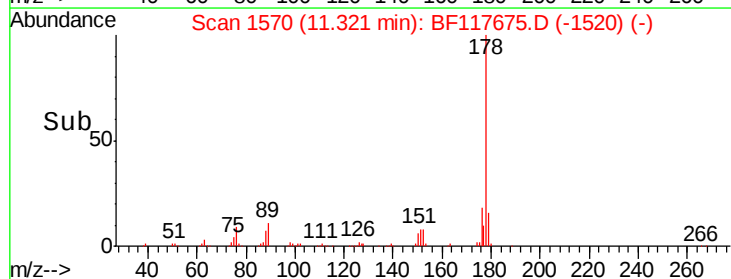
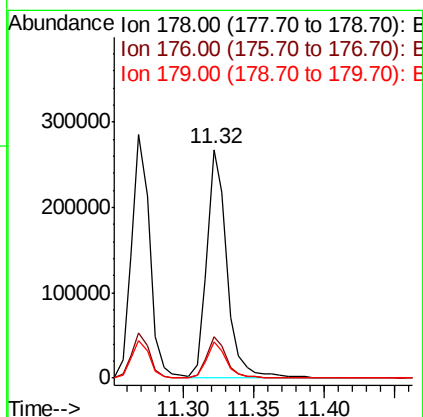
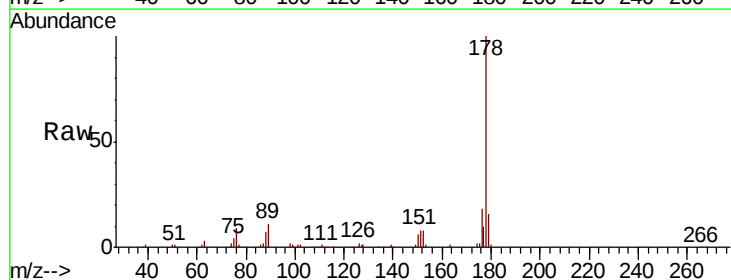
Instrument :
BNA_F
ClientSampleId :

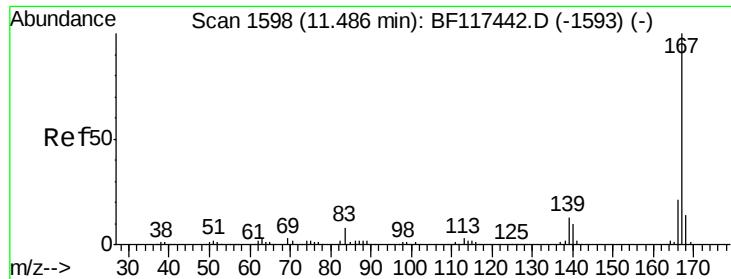
Tot Ion:178 Resp: 260303
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.2 12.6 19.0



#72
Anthracene
Concen: 33.592 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:178 Resp: 264842
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.6 12.2 18.2

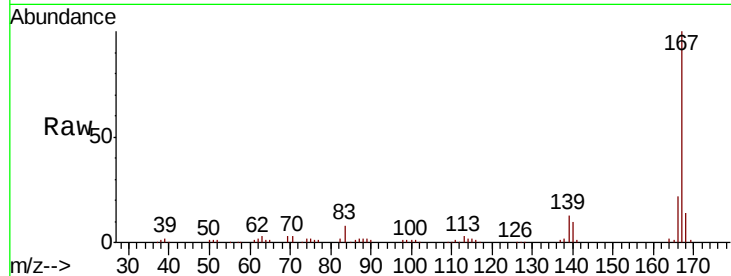




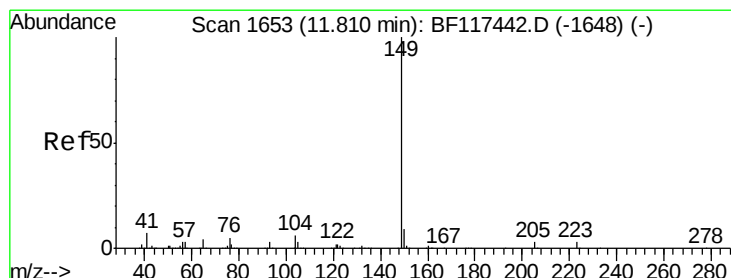
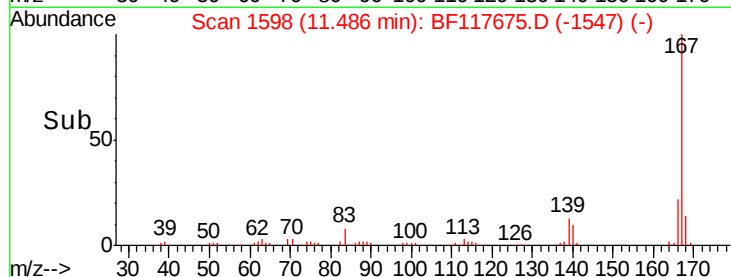
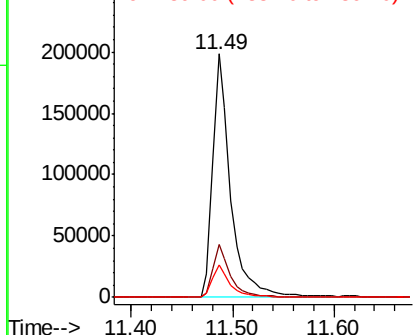
#73
 Carbazole
 Concen: 33.997 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 244950
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.6 16.0

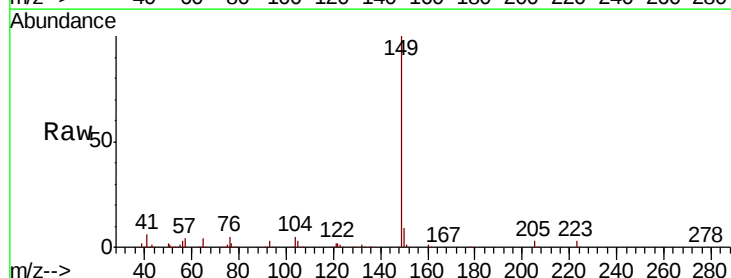


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

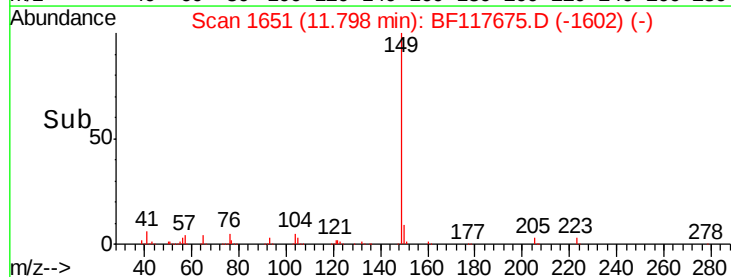
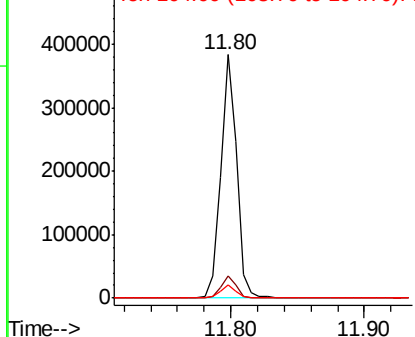


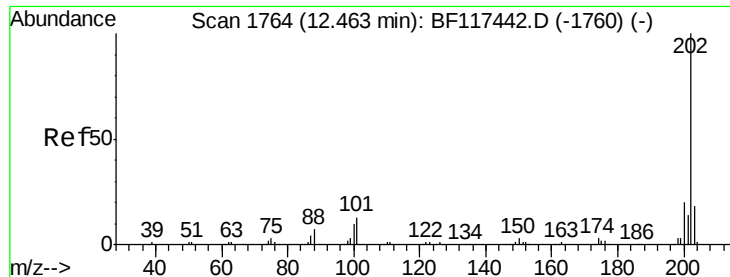
#74
 Di-n-butylphthalate
 Concen: 33.466 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF117675.D
 Acq: 1 Nov 2019 12:15

Tgt Ion:149 Resp: 322181
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 33.900 ng

RT: 12.46 min Scan# 1764

Delta R.T. -0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

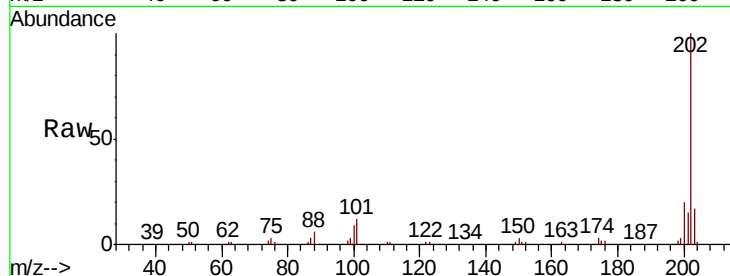
Tot Ion:202 Resp: 260763

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.7

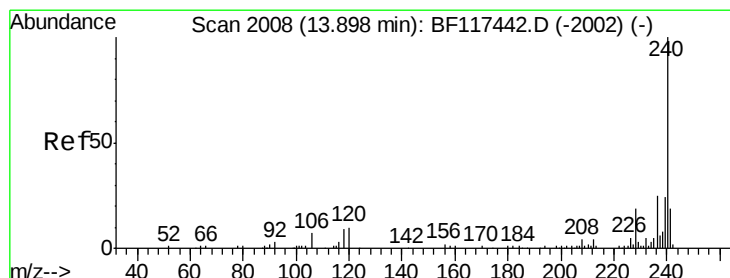
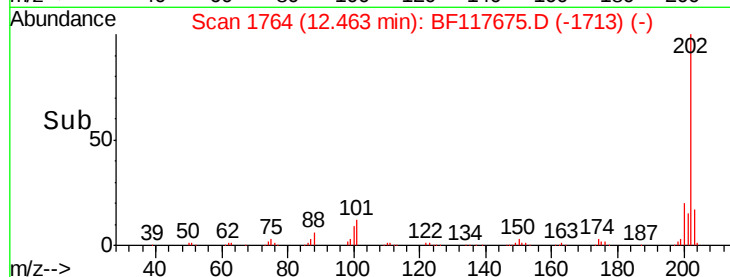
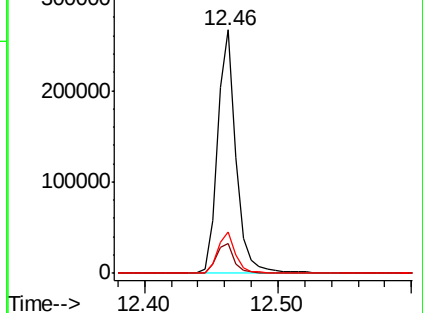
203 16.8 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

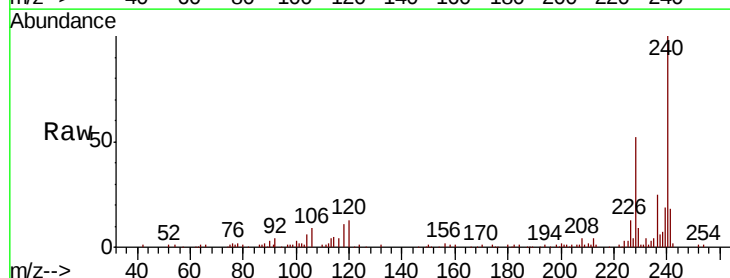
Tgt Ion:240 Resp: 86880

Ion Ratio Lower Upper

240 100

120 13.1 8.4 12.6#

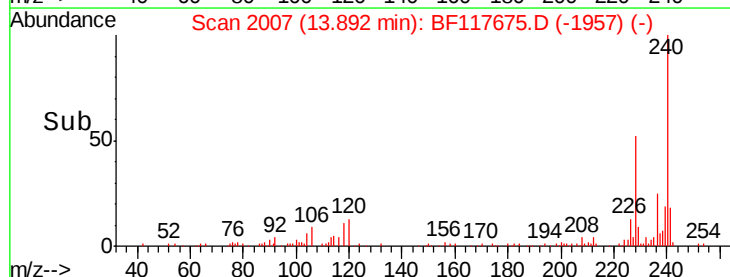
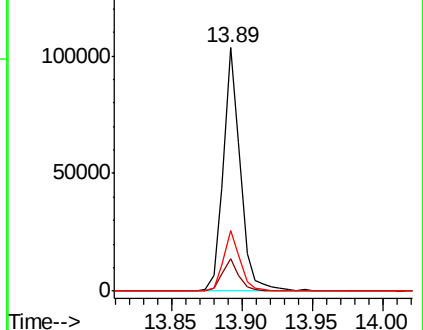
236 25.1 20.0 30.0

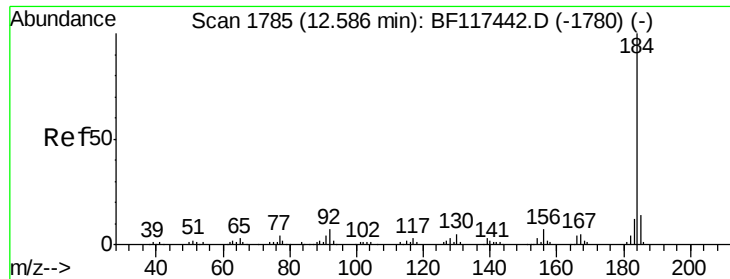


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.014 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

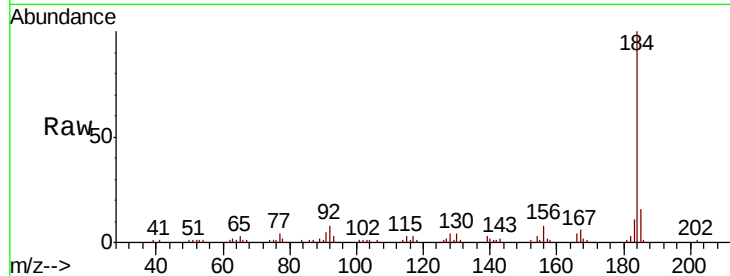
Tot Ion:184 Resp: 97575

Ion Ratio Lower Upper

184 100

185 15.6 11.4 17.0

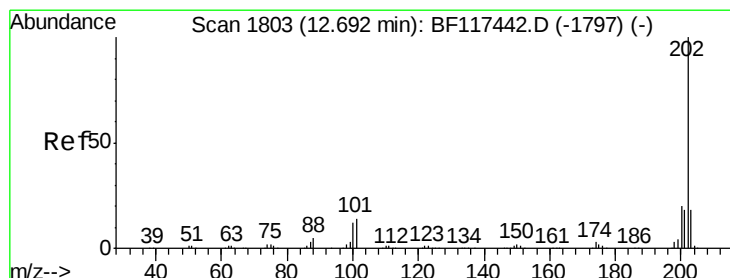
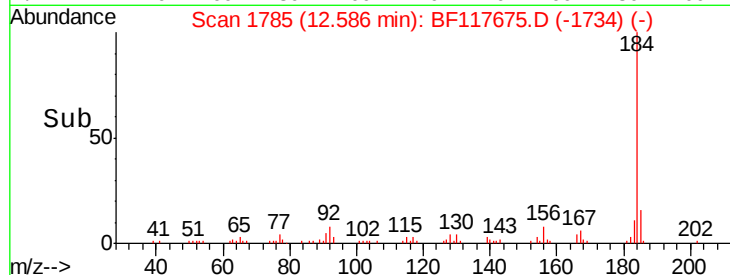
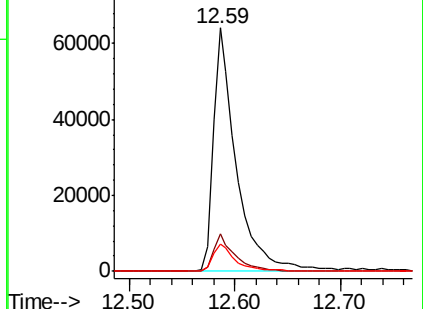
183 11.4 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.857 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

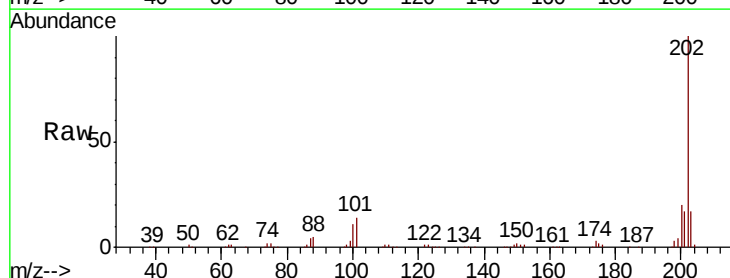
Tgt Ion:202 Resp: 267584

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

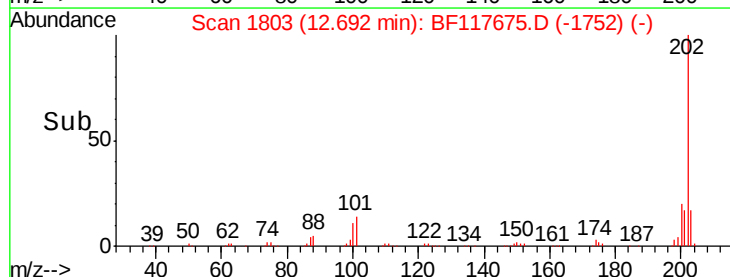
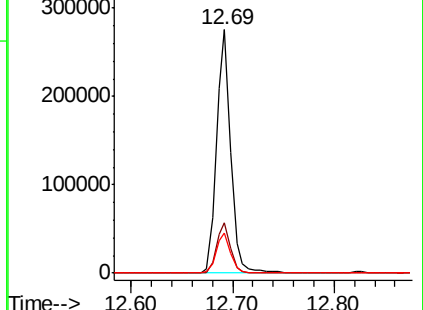
203 16.6 14.0 21.0

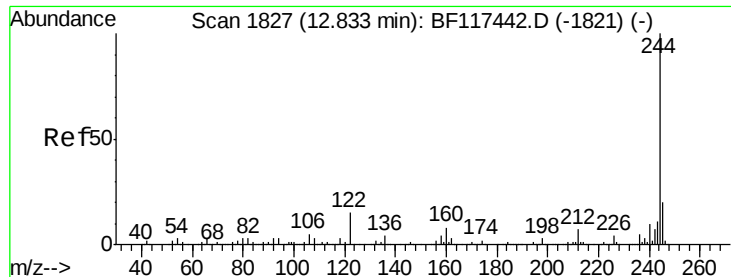


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.363 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

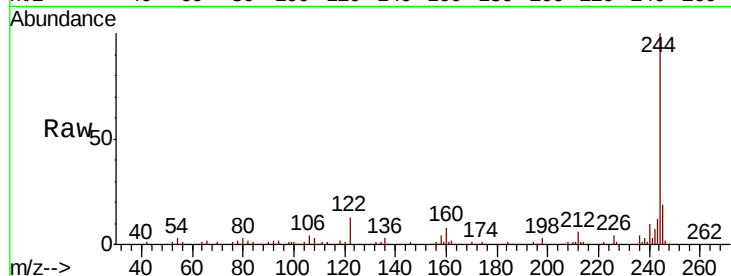
Tot Ion:244 Resp: 369458

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.6

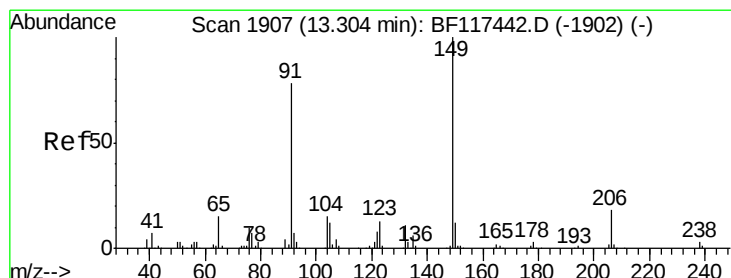
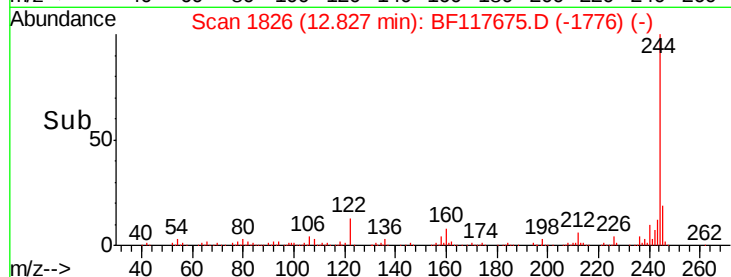
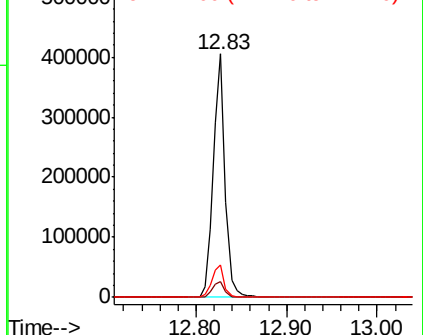
122 13.3 11.8 17.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.773 ng

RT: 13.29 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

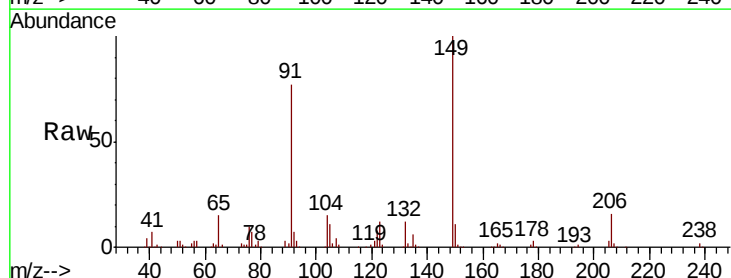
Tgt Ion:149 Resp: 129131

Ion Ratio Lower Upper

149 100

91 76.5 62.1 93.1

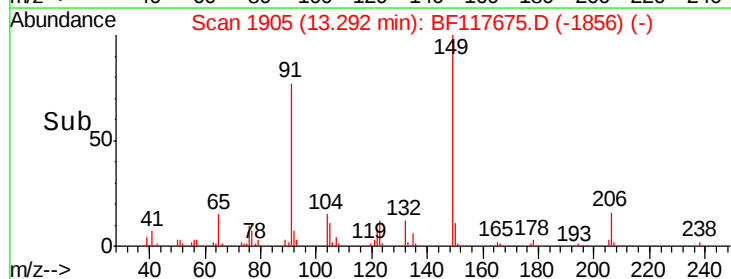
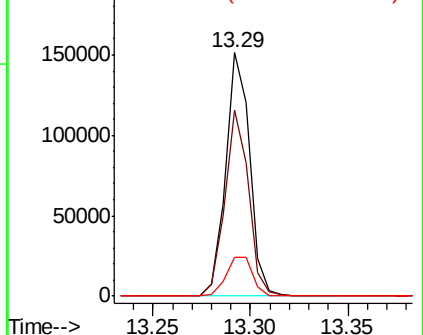
206 15.9 14.3 21.5

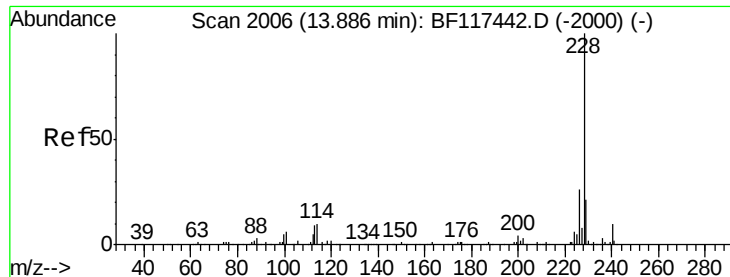


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.723 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampled :

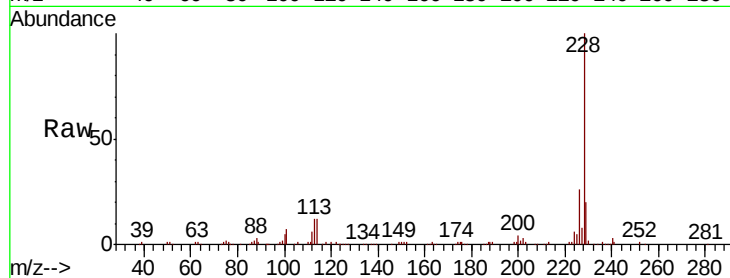
Tot Ion:228 Resp: 203493

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

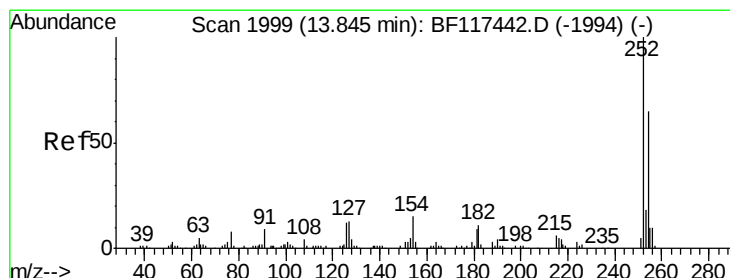
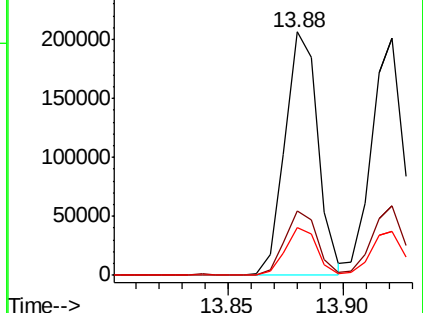
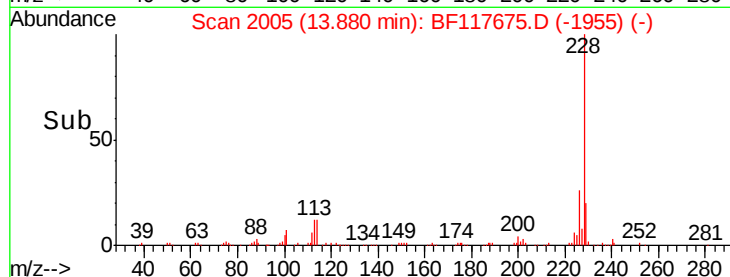
229 19.6 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.085 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

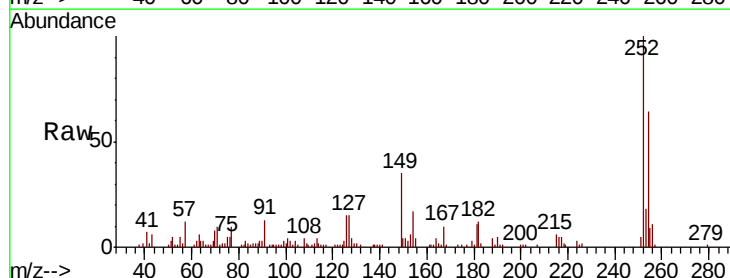
Tgt Ion:252 Resp: 68198

Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.4

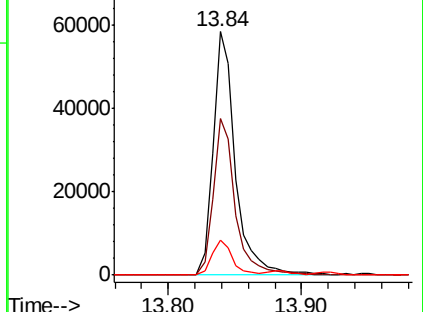
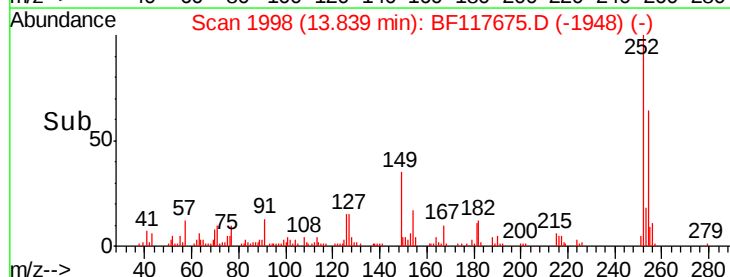
126 14.6 9.2 13.8#

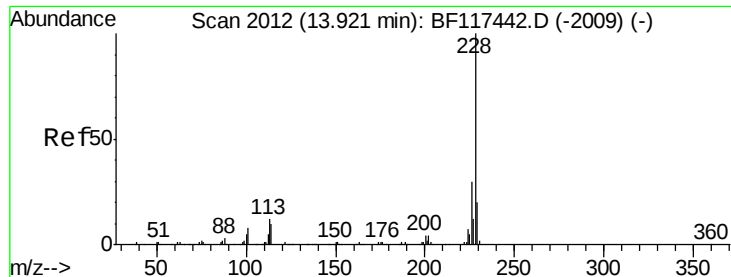


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

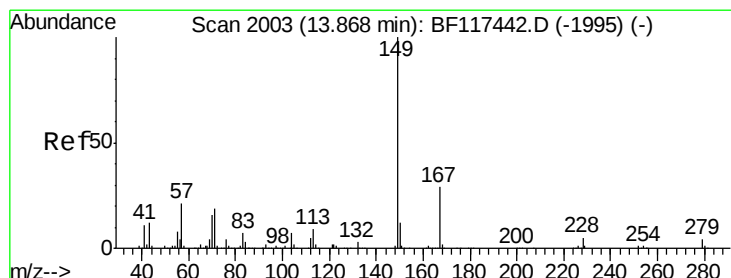
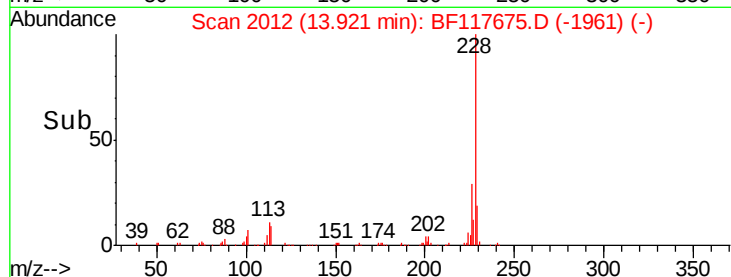
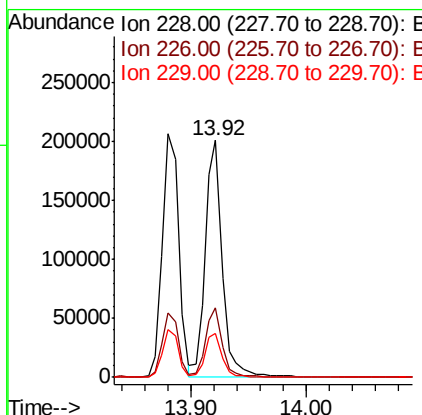
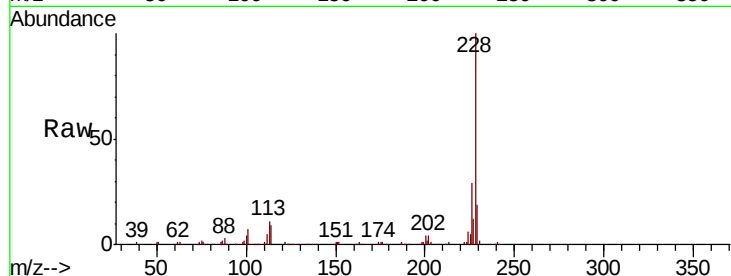




#83
Chrysene
Concen: 35.841 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

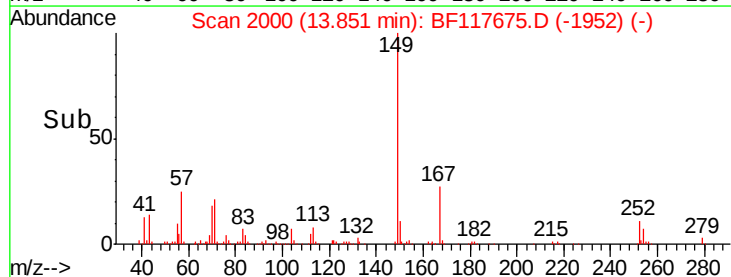
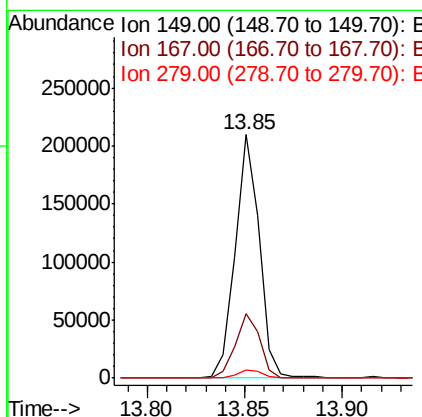
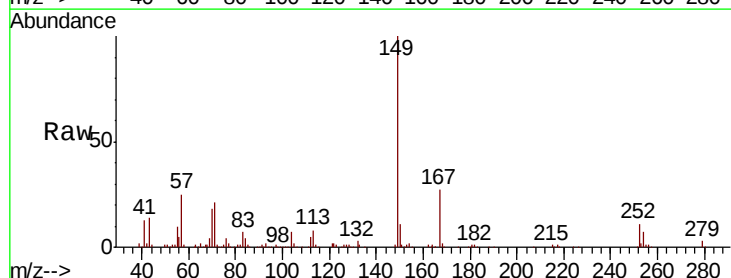
Instrument :
BNA_F
ClientSampled :

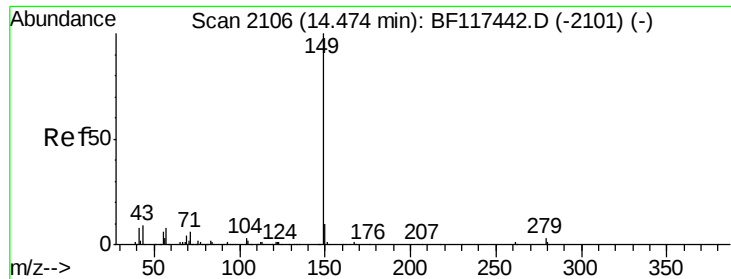
Tot Ion:228 Resp: 205852
Ion Ratio Lower Upper
228 100
226 29.4 23.9 35.9
229 18.7 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.641 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:149 Resp: 180198
Ion Ratio Lower Upper
149 100
167 26.6 23.3 34.9
279 3.3 3.2 4.8

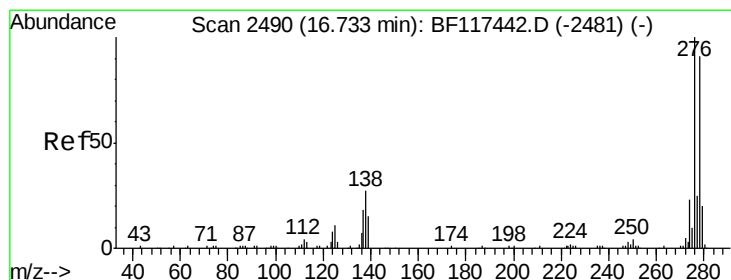
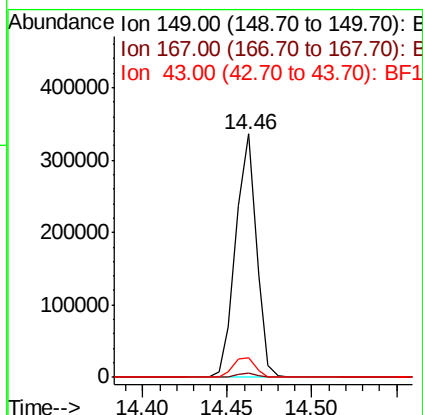
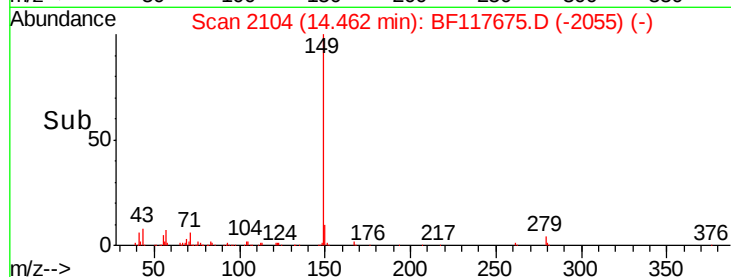
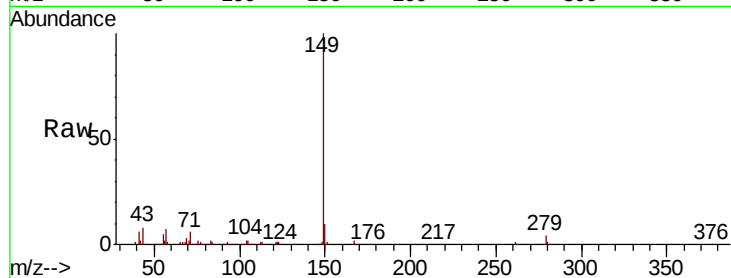




#85
Di-n-octyl phthalate
Concen: 35.833 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

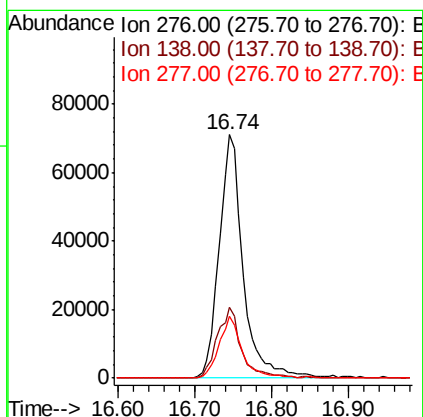
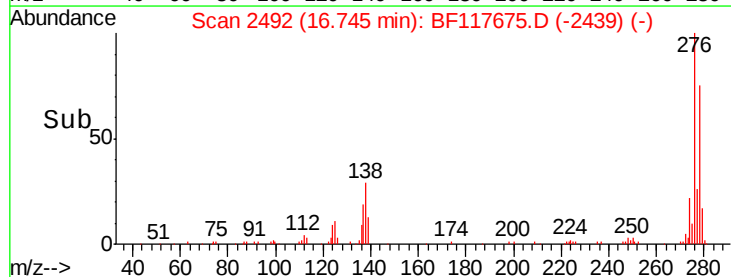
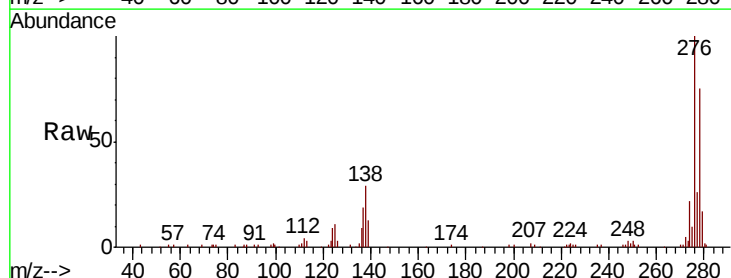
Instrument :
BNA_F
ClientSampleId :

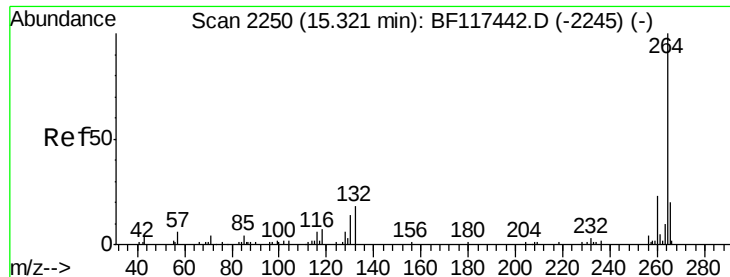
Tot Ion:149 Resp: 286589
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 6.8 10.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.810 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:276 Resp: 153558
Ion Ratio Lower Upper
276 100
138 28.5 21.8 32.8
277 24.4 20.0 30.0

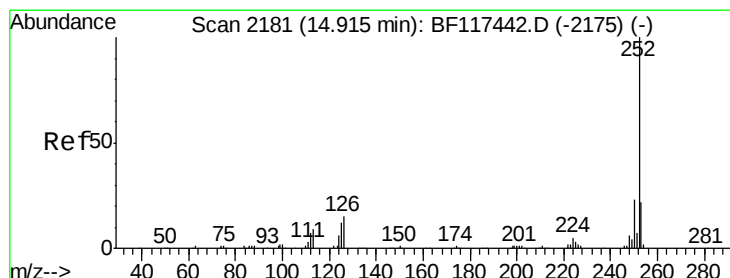
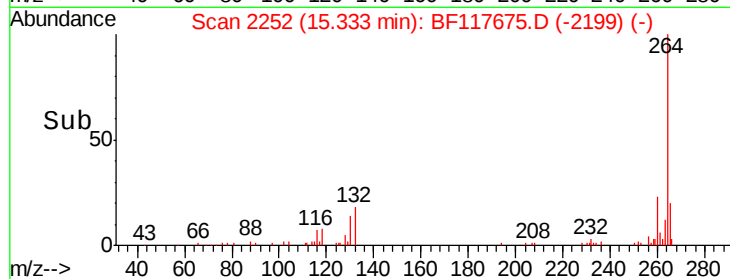
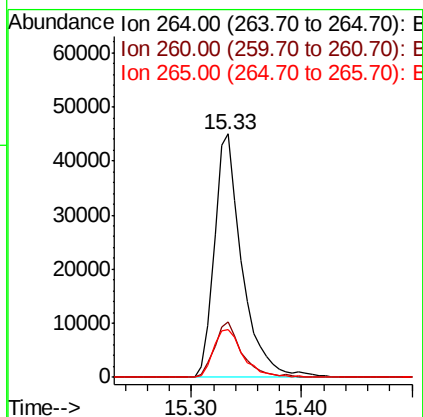
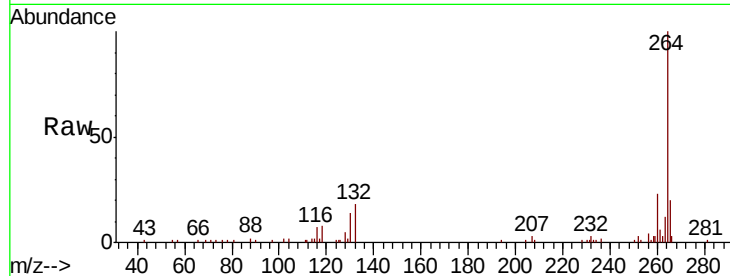




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

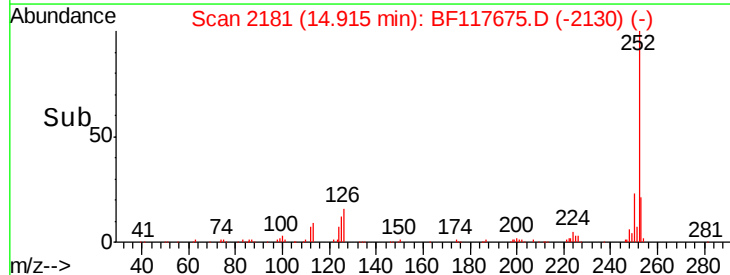
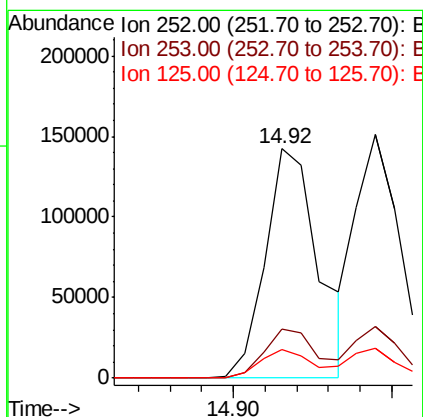
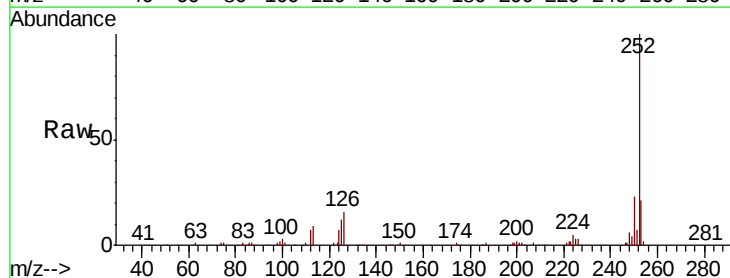
Instrument :
BNA_F
ClientSampleId :

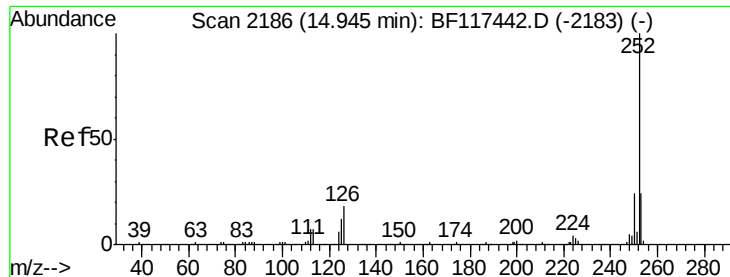
Tot Ion:264 Resp: 78052
Ion Ratio Lower Upper
264 100
260 22.8 18.4 27.6
265 19.7 16.1 24.1



#88
Benzo(b)fluoranthene
Concen: 36.235 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:252 Resp: 167009
Ion Ratio Lower Upper
252 100
253 21.4 17.8 26.6
125 12.2 9.9 14.9





#89

Benzo(k)fluoranthene

Concen: 33.508 ng

RT: 14.94 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

Instrument :

BNA_F

ClientSampleId :

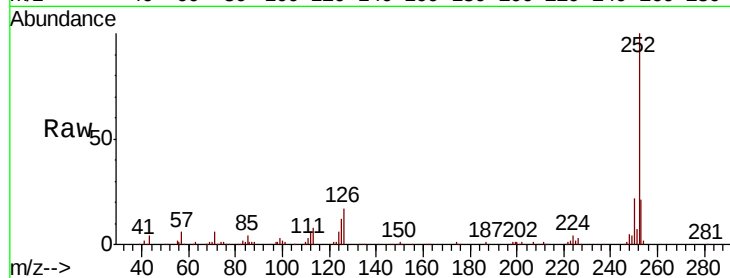
Tot Ion:252 Resp: 158291

Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

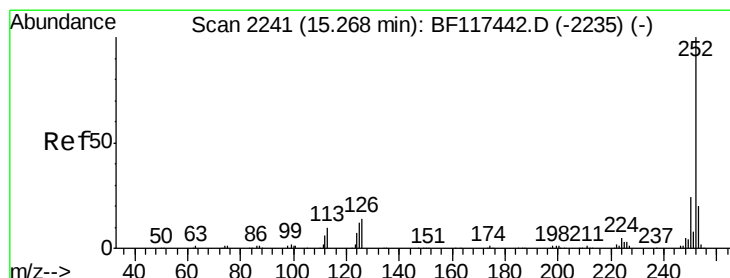
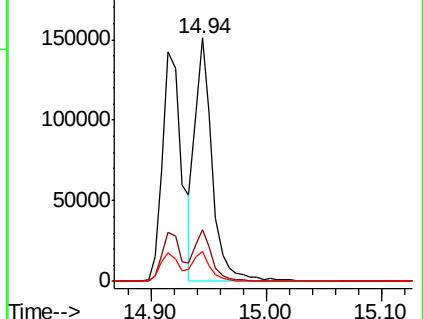
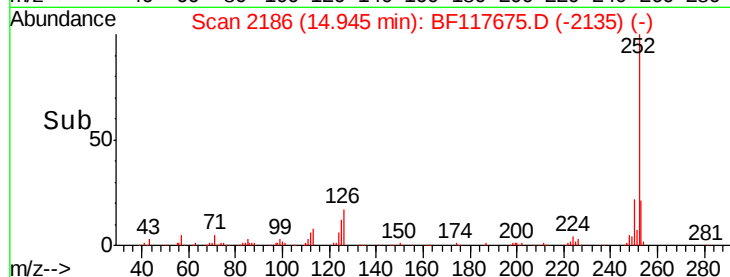
125 12.4 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.719 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF117675.D

Acq: 1 Nov 2019 12:15

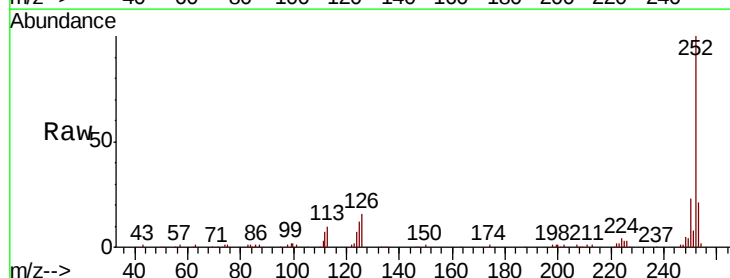
Tgt Ion:252 Resp: 145493

Ion Ratio Lower Upper

252 100

253 20.6 16.3 24.5

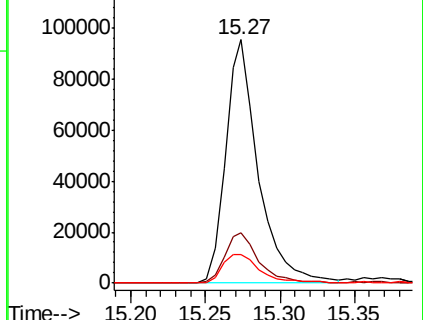
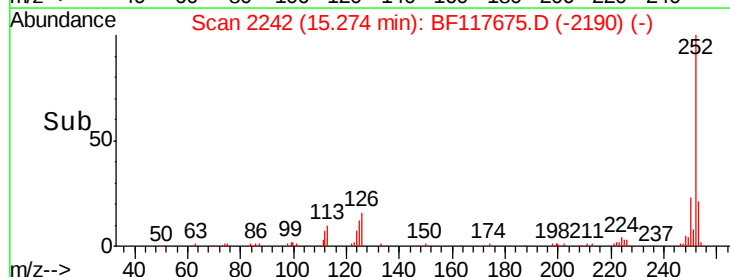
125 11.8 9.2 13.8

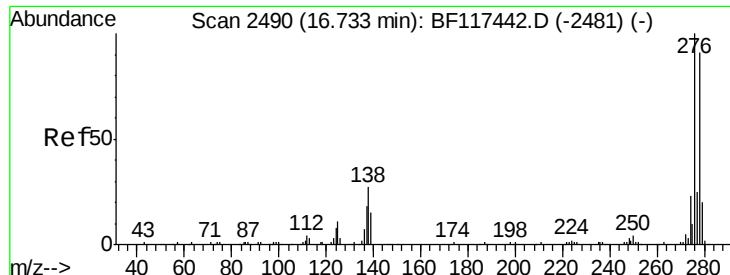


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

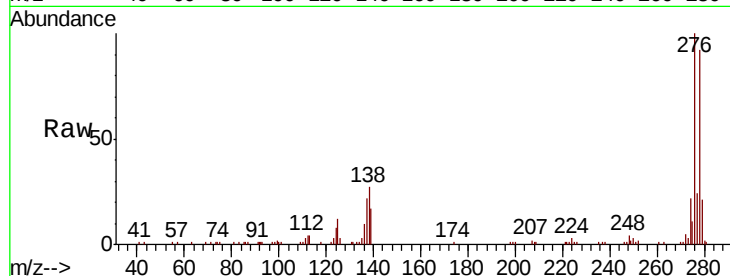




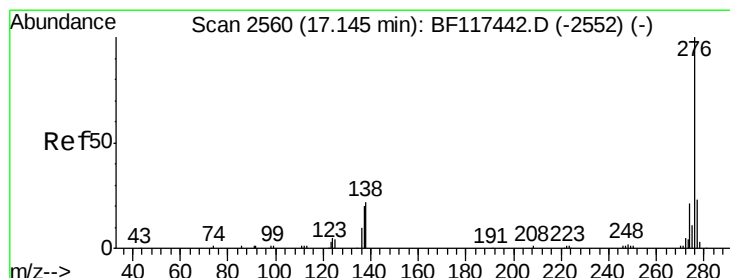
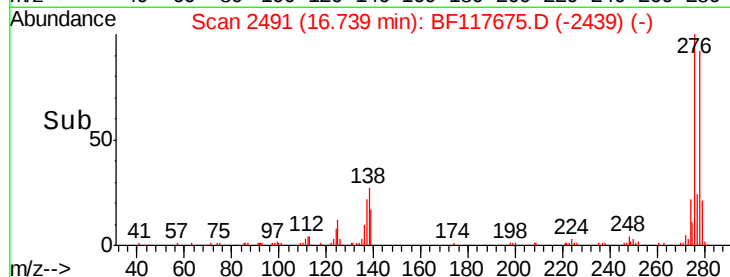
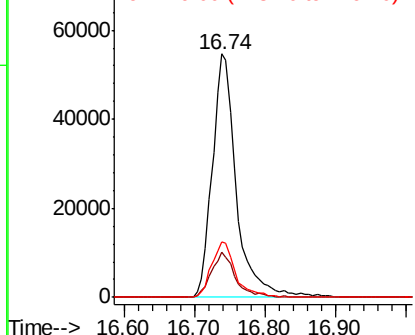
#91
Dibenzo(a,h)anthracene
Concen: 35.683 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 129299
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.0
279 22.6 17.8 26.6

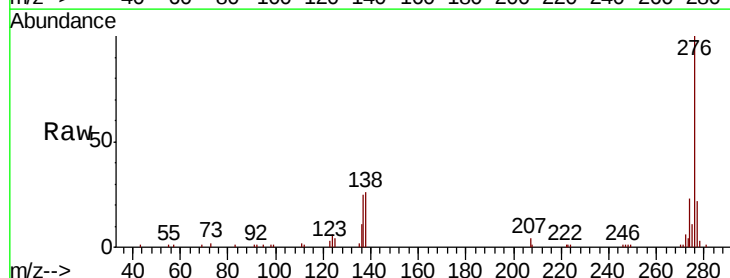


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 34.818 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.03 min
Lab File: BF117675.D
Acq: 1 Nov 2019 12:15

Tgt Ion:276 Resp: 119373
Ion Ratio Lower Upper
276 100
277 22.2 18.4 27.6
138 26.0 17.8 26.6



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

