

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118182.D
 Acq On : 13 Dec 2019 13:17
 Operator : JU
 Sample : PB125420BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 13 17:32:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	114105	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	456836	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	248921	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	471167	20.00	ng	0.00
76) Chrysene-d12	14.06	240	335109	20.00	ng	0.00
87) Perylene-d12	15.55	264	277772	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	725242	111.32	ng	0.02
7) Phenol-d6	6.50	99	879945	111.67	ng	0.00
23) Nitrobenzene-d5	7.43	82	591629	72.86	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	335360	110.90	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1250664	76.45	ng	0.00
79) Terphenyl-d14	13.00	244	1529881	78.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	109005	39.682	ng	99
3) Pyridine	3.48	79	259362	36.596	ng	98
4) n-Nitrosodimethylamine	3.43	42	127230	41.730	ng	92
6) Aniline	6.53	93	329486	32.688	ng	99
8) 2-Chlorophenol	6.66	128	324449	44.167	ng	98
9) Benzaldehyde	6.42	77	216434	61.778	ng	93
10) Phenol	6.52	94	378170	42.082	ng	95
11) bis(2-Chloroethyl)ether	6.60	93	280969	43.230	ng	95
12) 1,3-Dichlorobenzene	6.81	146	352491	41.076	ng	97
13) 1,4-Dichlorobenzene	6.89	146	360758	41.749	ng	99
14) 1,2-Dichlorobenzene	7.04	146	341835	42.124	ng	98
15) Benzyl Alcohol	7.01	79	274210	44.579	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	313303	40.092	ng	93
17) 2-Methylphenol	7.13	107	258874	44.307	ng	98
18) Hexachloroethane	7.38	117	130093	40.858	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	206357	43.097	ng	97
20) 3+4-Methylphenols	7.28	107	327783	44.664	ng	98
22) Acetophenone	7.28	105	436376	39.760	ng	# 97
24) Nitrobenzene	7.45	77	320651	40.191	ng	97
25) Isophorone	7.69	82	572378	41.580	ng	99
26) 2-Nitrophenol	7.77	139	182168	42.720	ng	92
27) 2,4-Dimethylphenol	7.81	122	275697	48.470	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	353741	39.326	ng	98
29) 2,4-Dichlorophenol	8.02	162	275429	41.537	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	303226	39.129	ng	96
31) Naphthalene	8.18	128	959812	41.834	ng	99
32) Benzoic acid	7.94	122	202968	39.520	ng	98
33) 4-Chloroaniline	8.23	127	189959	19.175	ng	95
34) Hexachlorobutadiene	8.29	225	177565	38.212	ng	99
35) Caprolactam	8.60	113	56734	27.744	ng	90
36) 4-Chloro-3-methylphenol	8.72	107	294322	42.178	ng	99
37) 2-Methylnaphthalene	8.87	142	661694	42.600	ng	99
38) 1-Methylnaphthalene	8.97	142	613417	42.060	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	291785	38.694	ng	98

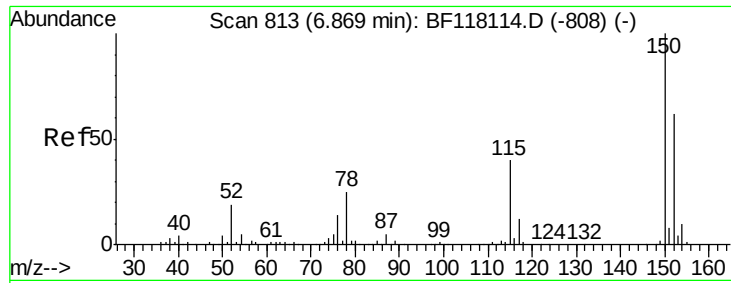
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118182.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	319569	94.586	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	199315	39.587	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	217824	41.759	ng	97
46) 1,1'-Biphenyl	9.34	154	783866	39.928	ng	98
47) 2-Chloronaphthalene	9.36	162	617407	39.096	ng	98
48) 2-Nitroaniline	9.46	65	173399	38.503	ng	92
49) Acenaphthylene	9.78	152	988465	42.437	ng	99
50) Dimethylphthalate	9.64	163	731313	39.775	ng	100
51) 2,6-Dinitrotoluene	9.70	165	163997	41.020	ng	93
52) Acenaphthene	9.95	154	567892	39.945	ng	96
53) 3-Nitroaniline	9.87	138	112373	23.884	ng	97
54) 2,4-Dinitrophenol	9.99	184	160143	80.512	ng	96
55) Dibenzofuran	10.13	168	864209	41.485	ng	97
56) 4-Nitrophenol	10.05	139	261504	80.087	ng	96
57) 2,4-Dinitrotoluene	10.11	165	222504	41.697	ng	98
58) Fluorene	10.47	166	684140	41.325	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	180972	42.052	ng	99
60) Diethylphthalate	10.34	149	740948	40.902	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	340582	40.888	ng	96
62) 4-Nitroaniline	10.49	138	171953	35.041	ng	99
63) Azobenzene	10.62	77	638040	41.259	ng	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113986	43.806	ng	94
66) n-Nitrosodiphenylamine	10.58	169	603695	41.029	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	211003	39.231	ng	94
68) Hexachlorobenzene	11.02	284	245949	38.851	ng	98
69) Atrazine	11.11	200	211713	62.459	ng	98
70) Pentachlorophenol	11.22	266	261159	87.723	ng	99
71) Phenanthrene	11.44	178	1007466	40.223	ng	100
72) Anthracene	11.49	178	1073086	42.948	ng	100
73) Carbazole	11.65	167	916638	40.889	ng	99
74) Di-n-butylphthalate	11.97	149	1171258	41.747	ng	99
75) Fluoranthene	12.63	202	1062313	41.484	ng	97
77) Benzidine	12.75	184	485225	55.003	ng	99
78) Pyrene	12.86	202	1071517	40.575	ng	99
80) Butylbenzylphthalate	13.47	149	488632	40.856	ng	94
81) Benzo(a)anthracene	14.05	228	916138	39.537	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	225214	29.594	ng	99
83) Chrysene	14.09	228	873984	39.486	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	683724	43.355	ng	98
85) Di-n-octyl phthalate	14.65	149	1047060	43.830	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	656613	35.256	ng	100
88) Benzo(b)fluoranthene	15.12	252	791154	43.066	ng	98
89) Benzo(k)fluoranthene	15.15	252	704474	39.917	ng	99
90) Benzo(a)pyrene	15.49	252	634119	39.083	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	548062	39.383	ng	99
92) Benzo(g,h,i)perylene	17.52	276	519873	38.876	ng	97

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

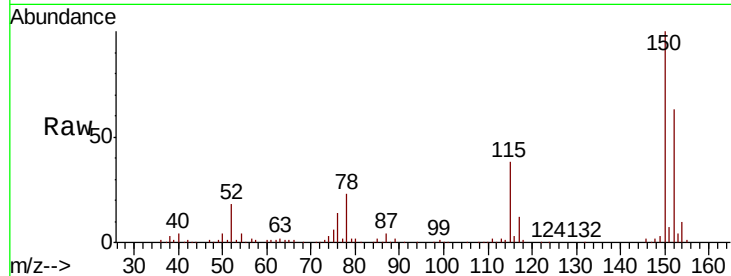


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	128.3	192.5
115	60.8	51.1	76.7

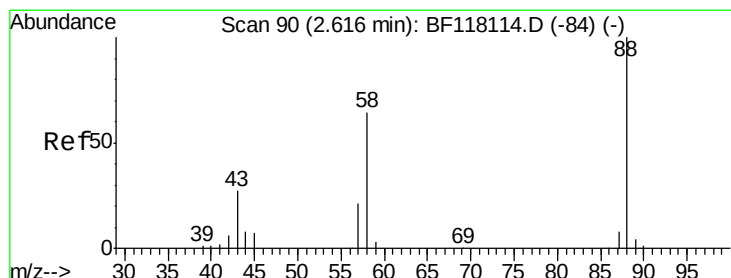
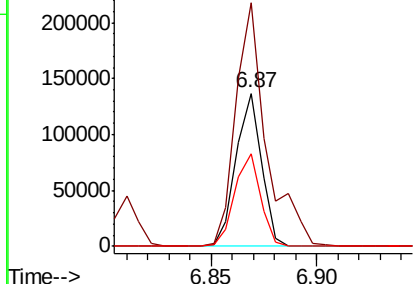
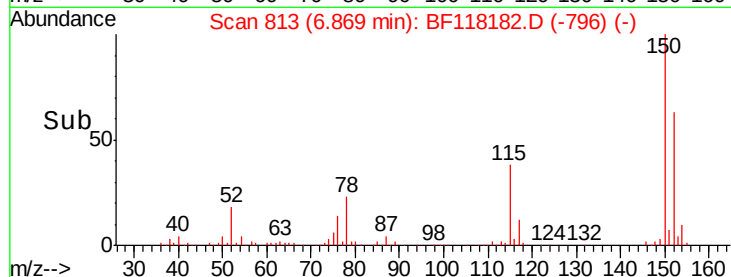


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

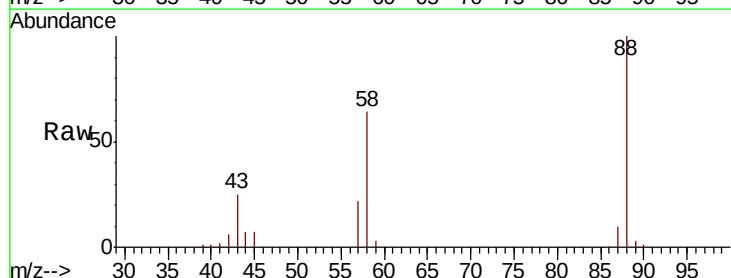
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.682 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	52.2	78.4
43	26.5	21.4	32.2

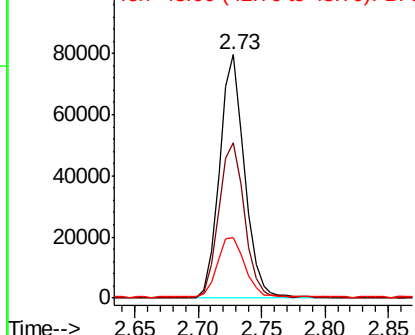
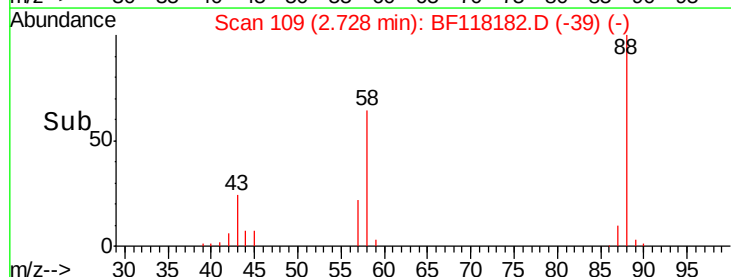


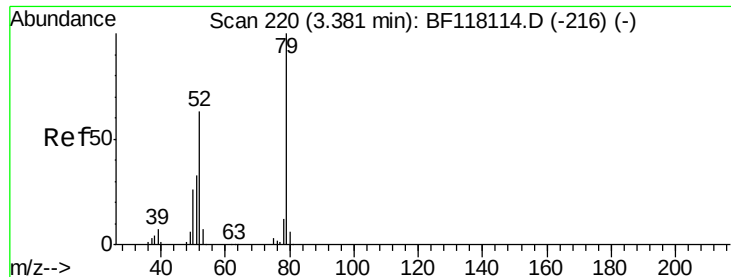
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 36.596 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.10 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

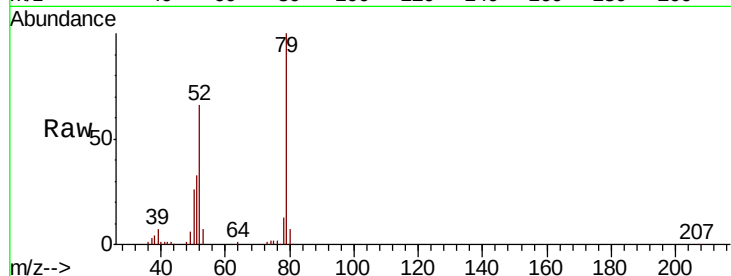
Tot Ion: 79 Resp: 259362

Ion Ratio Lower Upper

79 100

52 65.5 50.7 76.1

51 33.3 26.4 39.6



Abundance Ion 79.00 (78.70 to 79.70): BF1
150000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

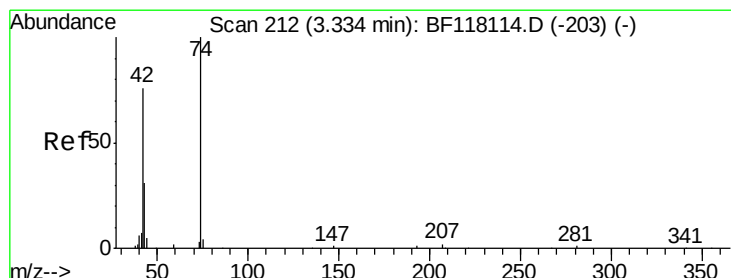
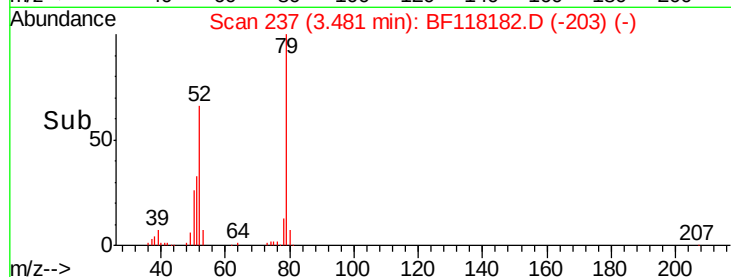
3.48

100000

50000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 41.730 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

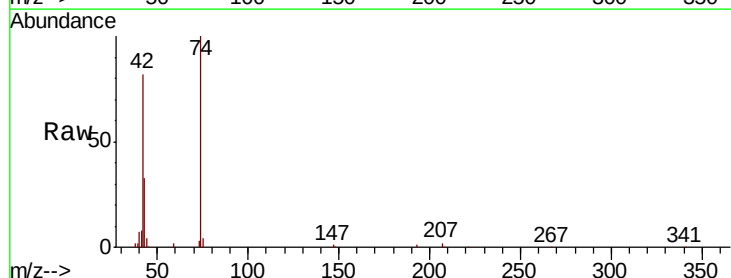
Tgt Ion: 42 Resp: 127230

Ion Ratio Lower Upper

42 100

74 121.3 104.6 157.0

44 5.5 5.1 7.7



Abundance Ion 42.00 (41.70 to 42.70): BF1
100000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.43

80000

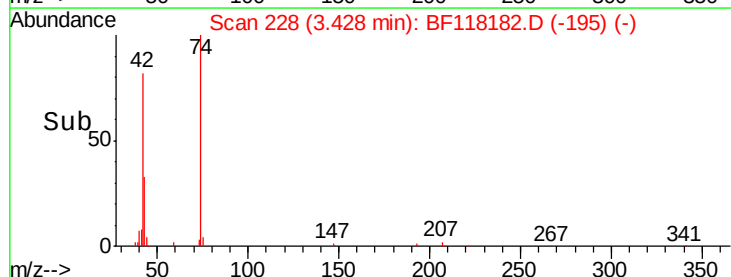
60000

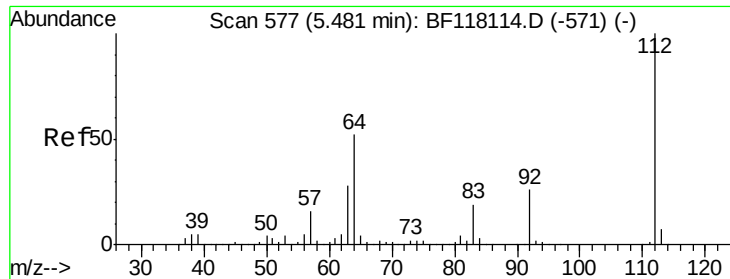
40000

20000

0

Time-->





#5

2-Fluorophenol

Concen: 111.322 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

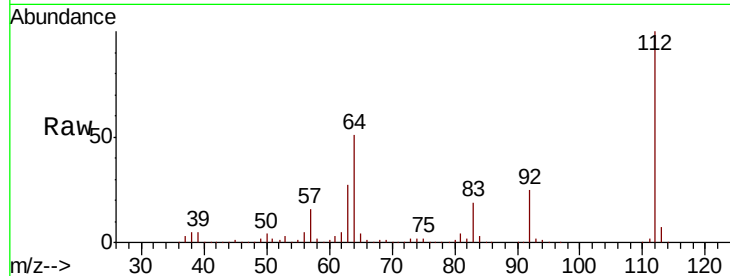
Tot Ion: 112 Resp: 725242

Ion Ratio Lower Upper

112 100

64 51.1 41.3 61.9

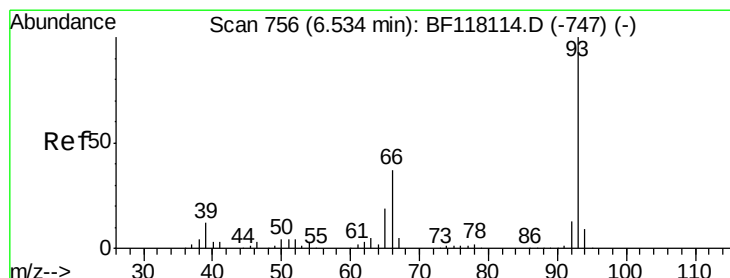
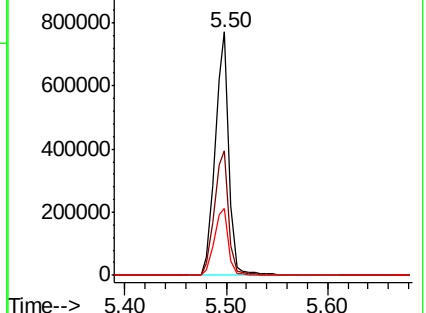
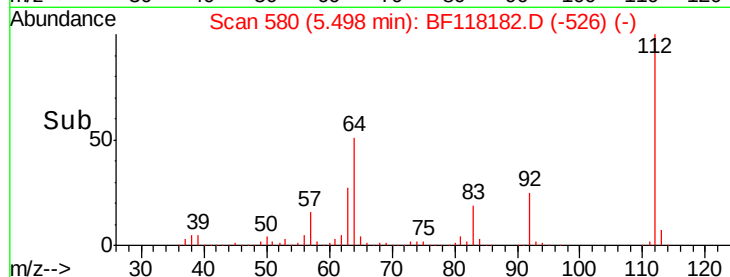
63 27.4 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.688 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

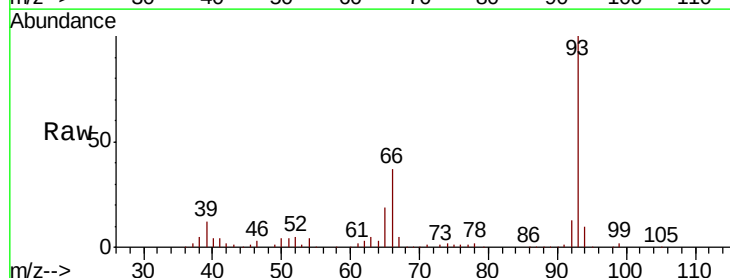
Tgt Ion: 93 Resp: 329486

Ion Ratio Lower Upper

93 100

66 37.2 30.2 45.2

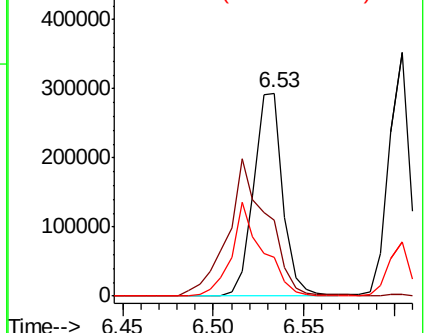
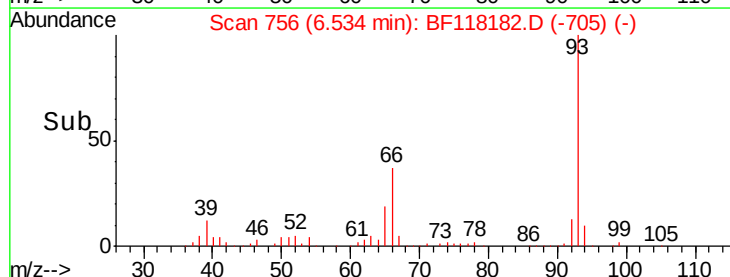
65 19.2 15.5 23.3

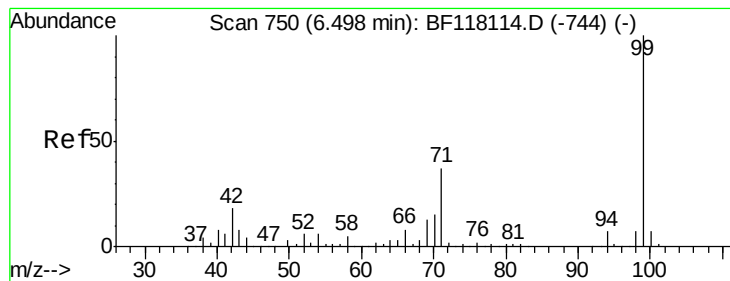


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.670 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

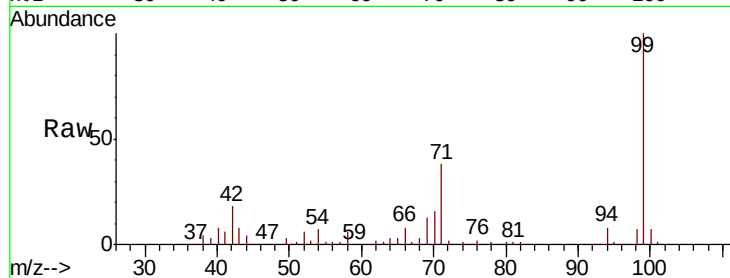
Tot Ion: 99 Resp: 879945

Ion Ratio Lower Upper

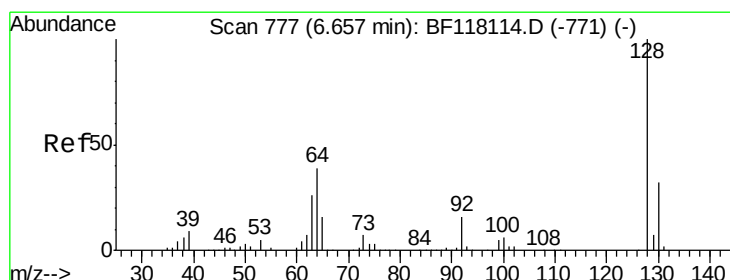
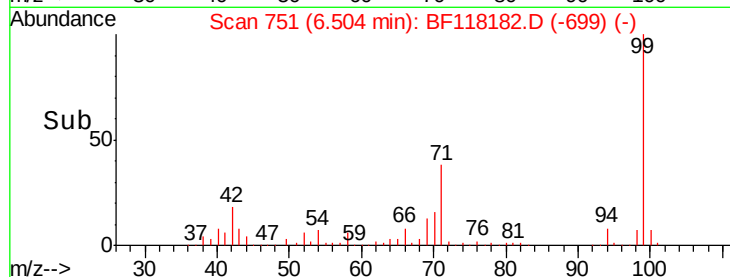
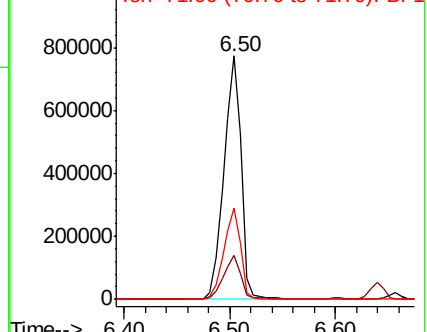
99 100

42 18.2 14.1 21.1

71 37.5 29.7 44.5



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: 44.167 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

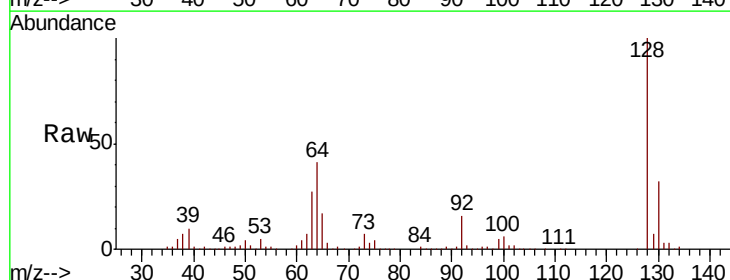
Tgt Ion: 128 Resp: 324449

Ion Ratio Lower Upper

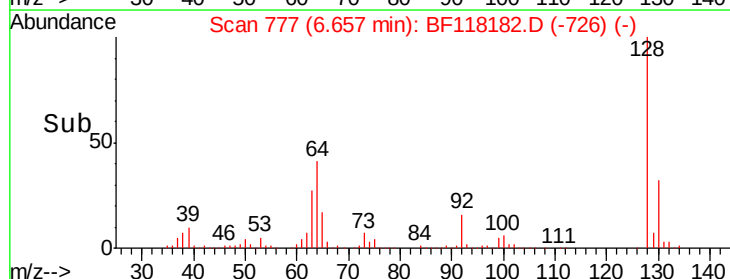
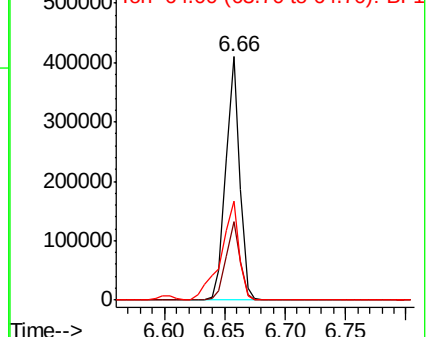
128 100

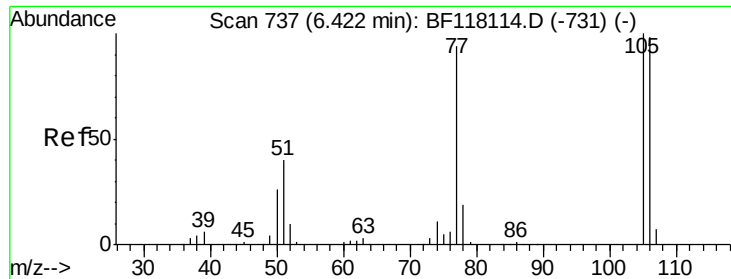
130 32.5 12.1 52.1

64 40.9 19.3 59.3



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: 61.778 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

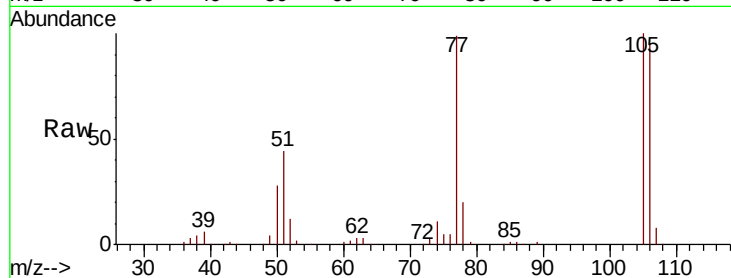
Tot Ion: 77 Resp: 216434

Ion Ratio Lower Upper

77 100

105 101.0 86.4 126.4

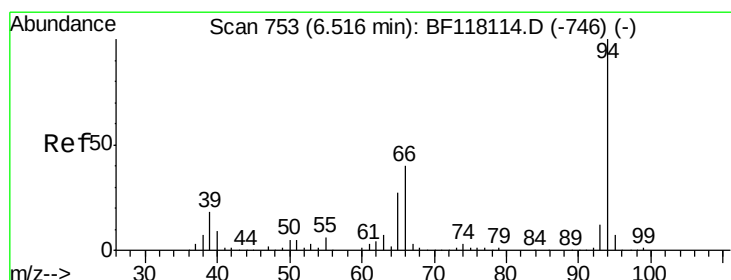
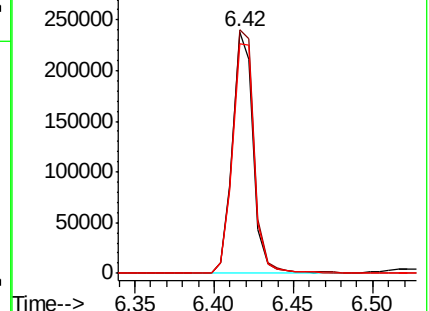
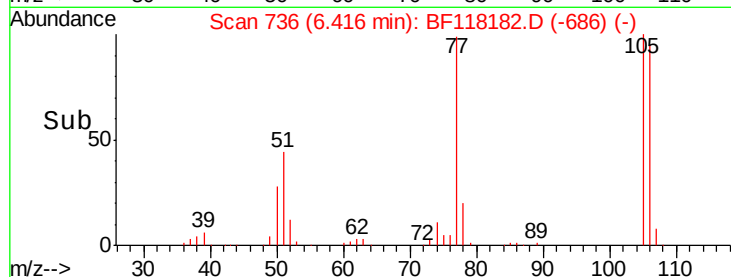
106 95.5 83.8 123.8



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: 42.082 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

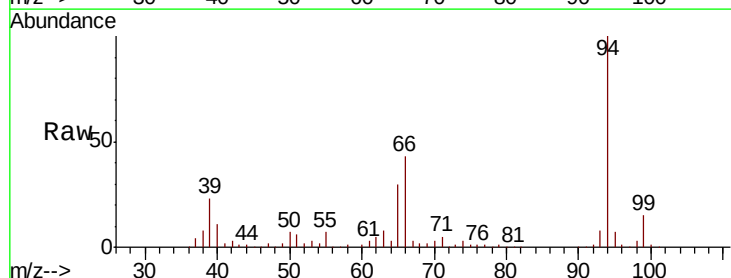
Tgt Ion: 94 Resp: 378170

Ion Ratio Lower Upper

94 100

65 29.5 7.3 47.3

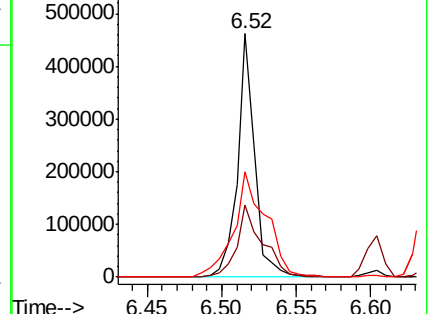
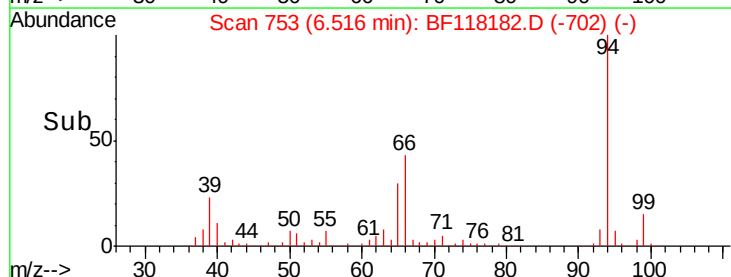
66 43.2 20.2 60.2

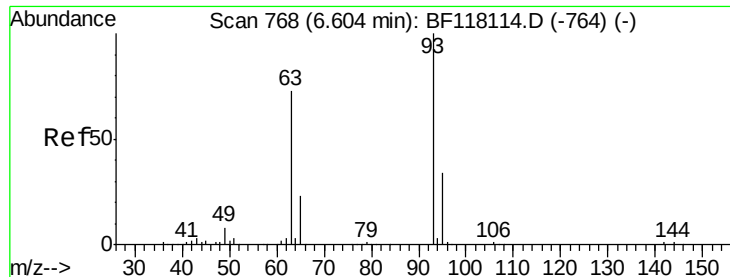


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.230 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

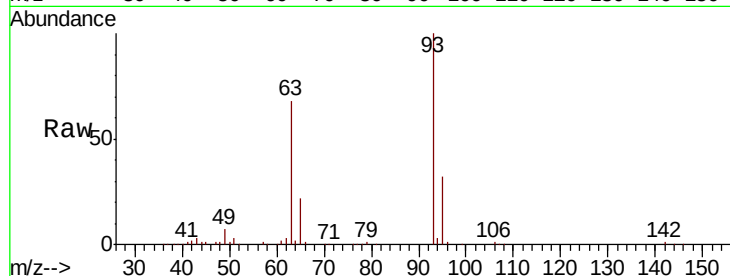
Tot Ion: 93 Resp: 280969

Ion Ratio Lower Upper

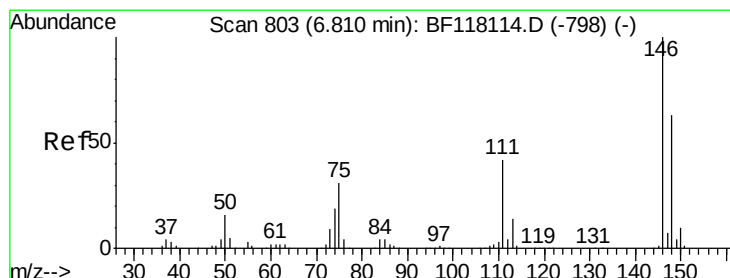
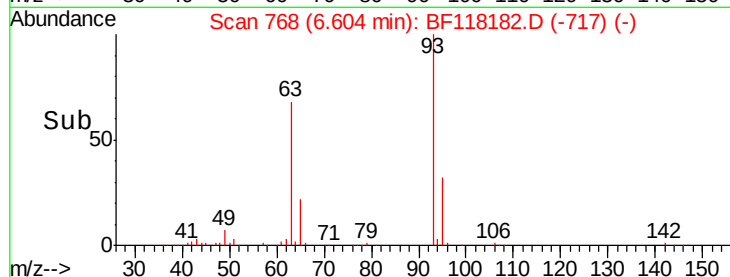
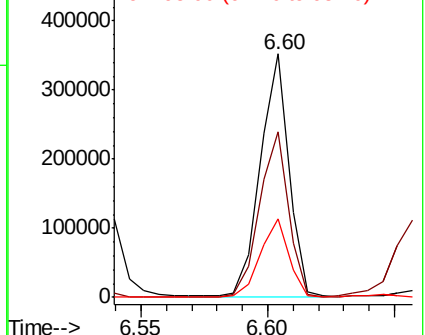
93 100

63 67.8 53.2 93.2

95 32.2 13.8 53.8



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



#12

1,3-Dichlorobenzene

Concen: 41.076 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

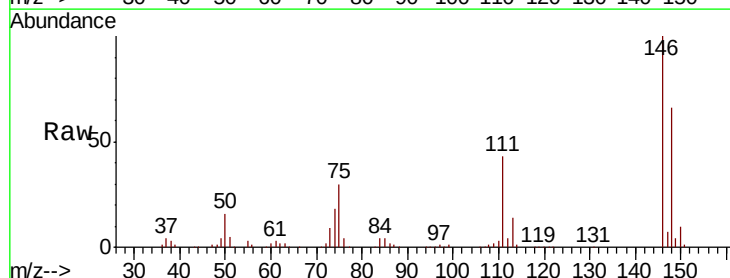
Tgt Ion: 146 Resp: 352491

Ion Ratio Lower Upper

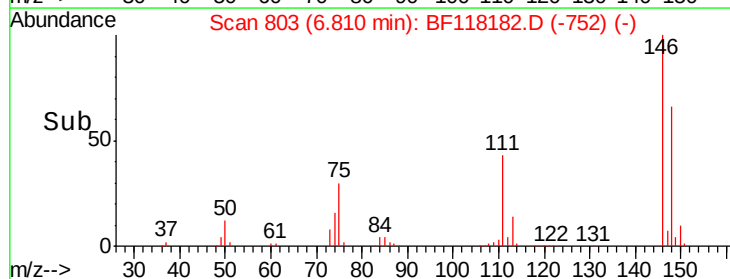
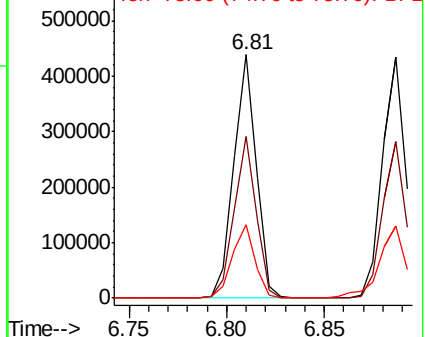
146 100

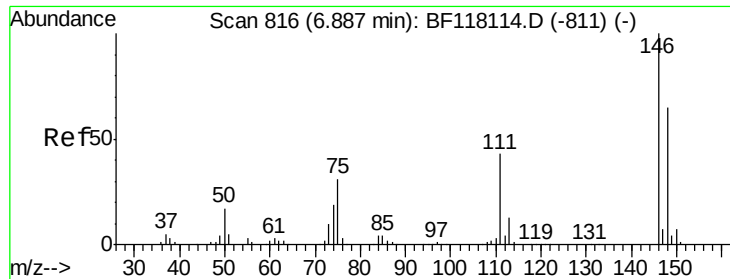
148 66.2 50.2 75.4

75 30.3 24.6 37.0



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

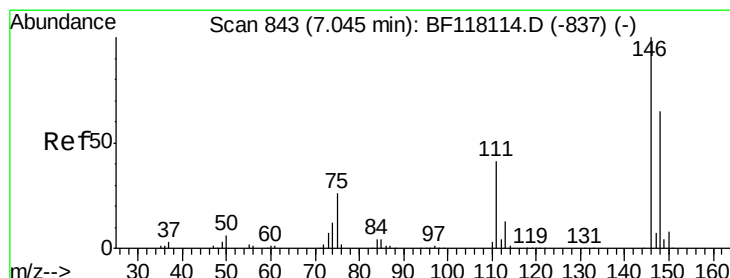
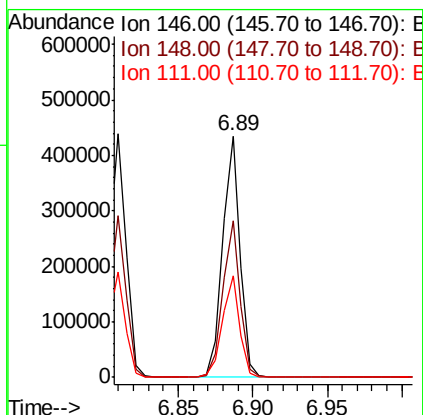
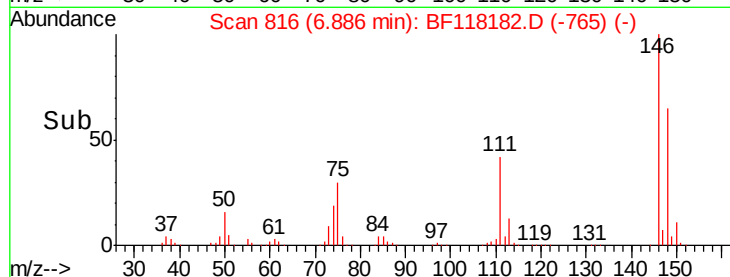
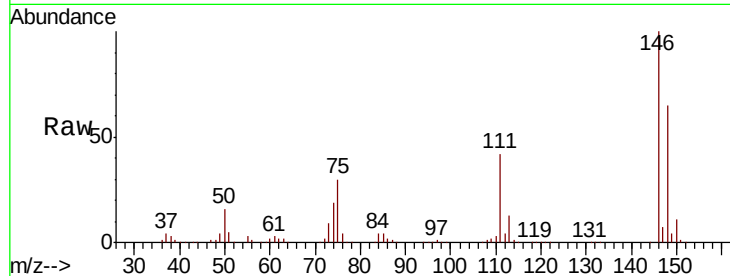




#13
 1,4-Dichlorobenzene
 Concen: 41.749 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

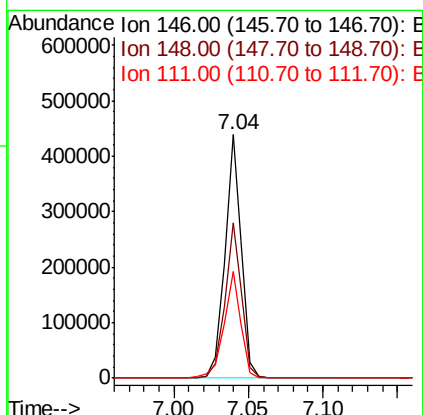
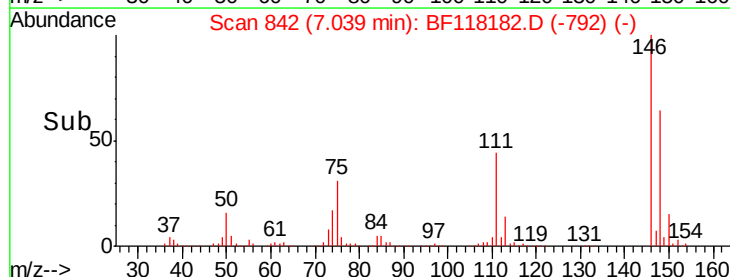
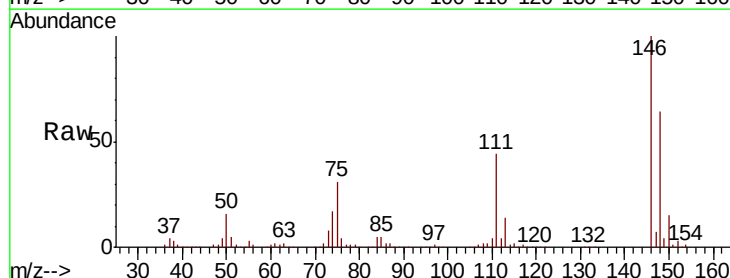
Instrument :
 BNA_F
 ClientSampled :

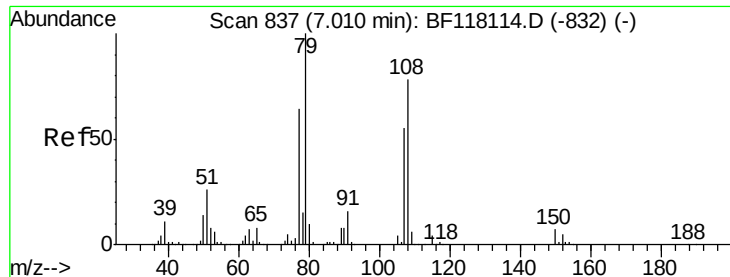
Tot Ion:146 Resp: 360758
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.1 78.1
 111 41.8 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 42.124 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion:146 Resp: 341835
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.2 78.2
 111 43.7 33.1 49.7





#15

Benzyl Alcohol

Concen: 44.579 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

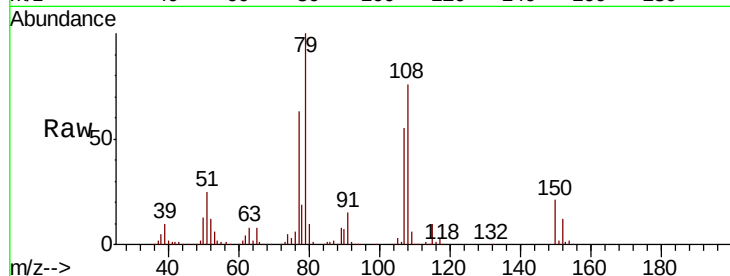
Tot Ion: 79 Resp: 274210

Ion Ratio Lower Upper

79 100

108 75.9 62.7 94.1

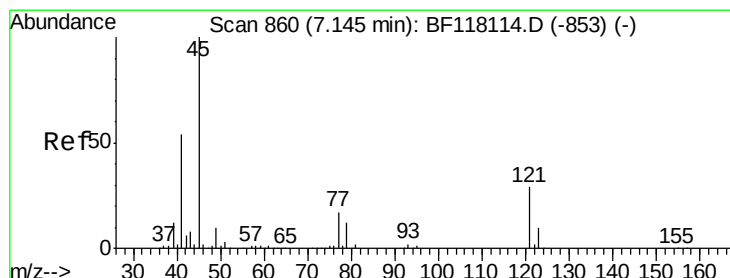
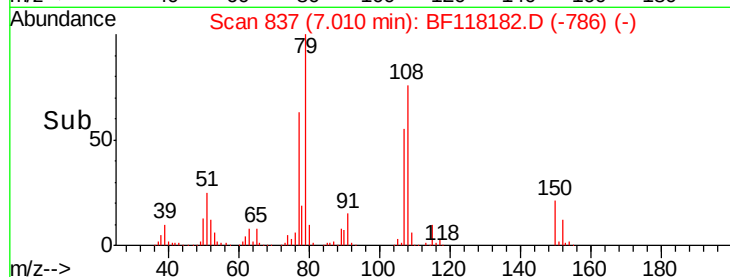
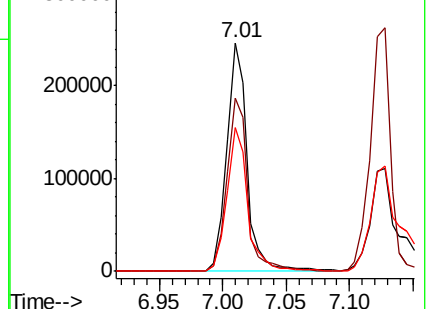
77 63.2 51.4 77.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.092 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

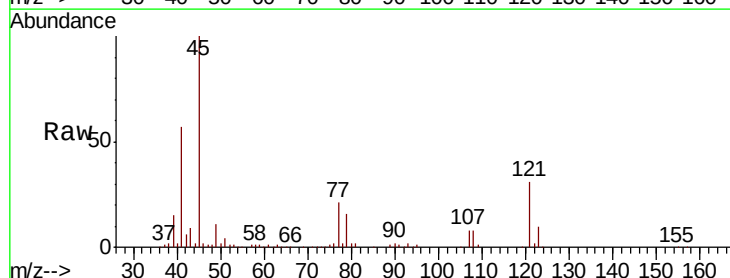
Tgt Ion: 45 Resp: 313303

Ion Ratio Lower Upper

45 100

77 20.7 0.0 38.0

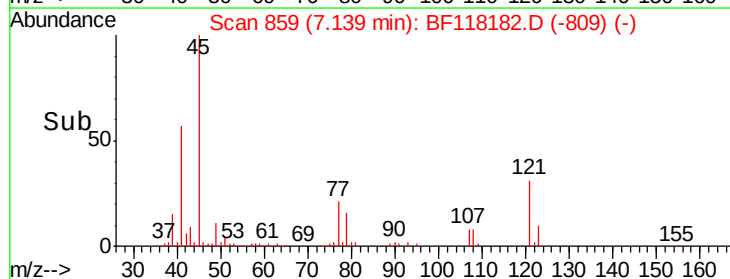
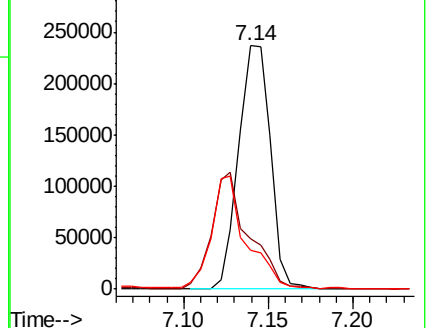
79 16.2 0.0 33.2

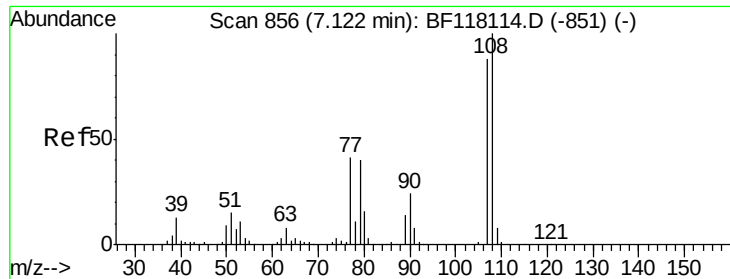


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

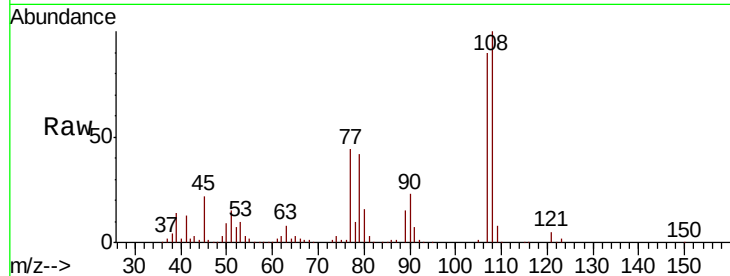




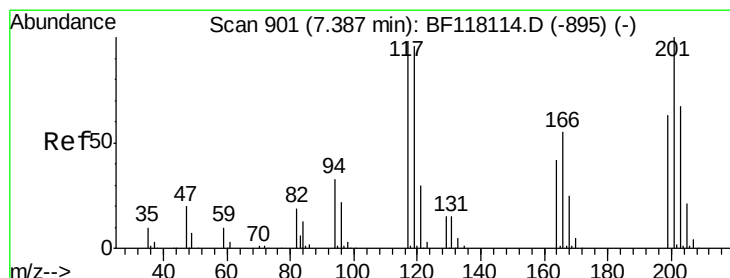
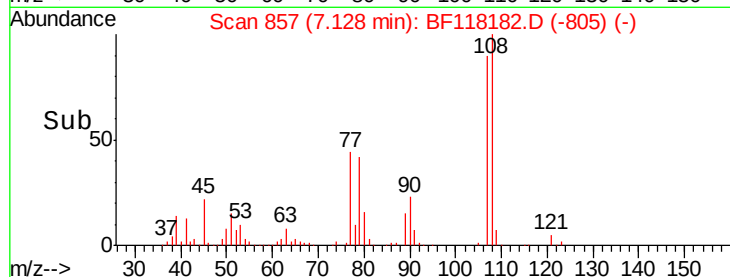
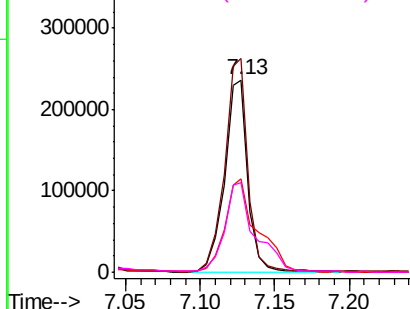
#17
2-Methylphenol
Concen: 44.307 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	258874
Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.1	136.7
77	48.3	37.8	56.6
79	46.6	37.0	55.6

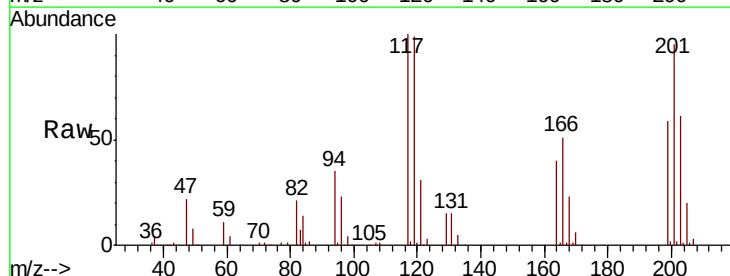


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

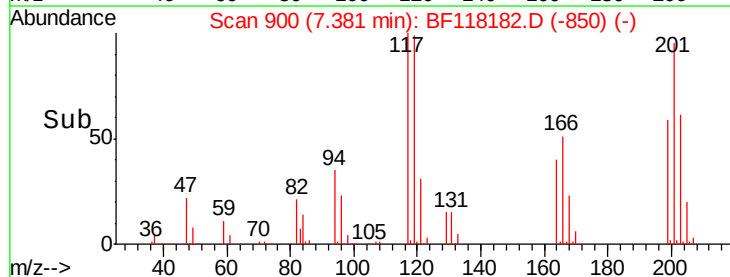
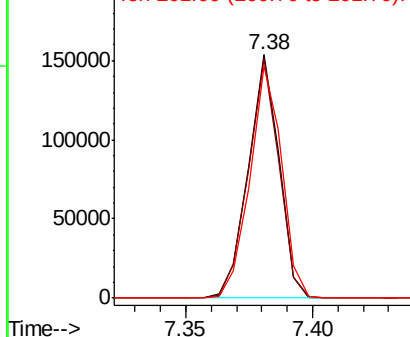


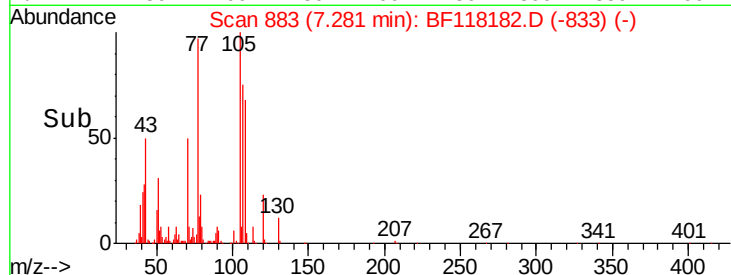
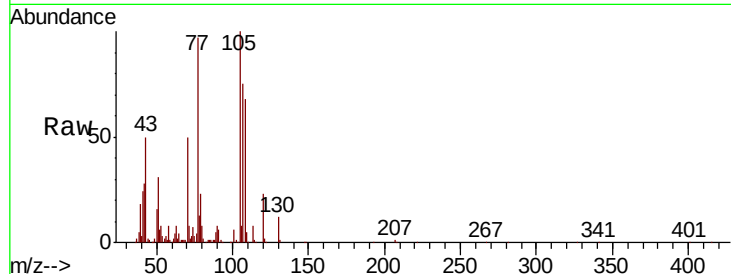
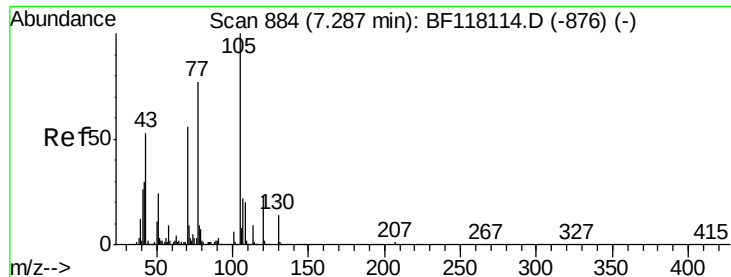
#18
Hexachloroethane
Concen: 40.858 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:	117	Resp:	130093
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.2	117.4
201	95.3	81.6	122.4



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

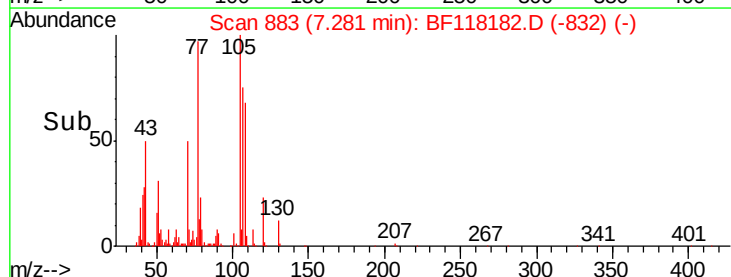
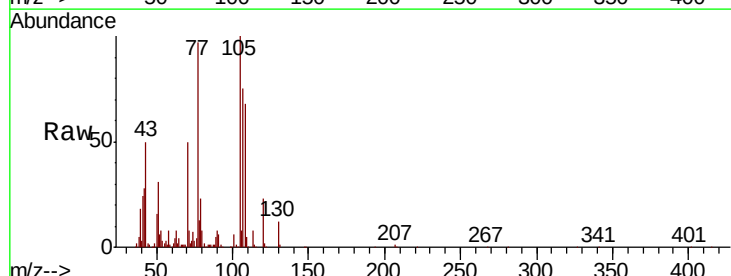
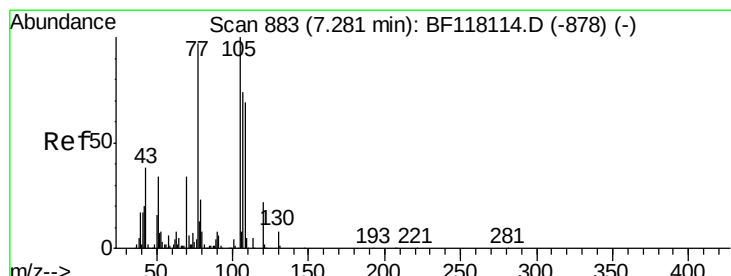
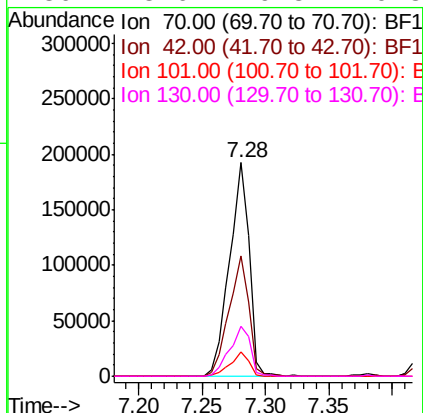




#19
n-Nitroso-di-n-propylamine
Concen: 43.097 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

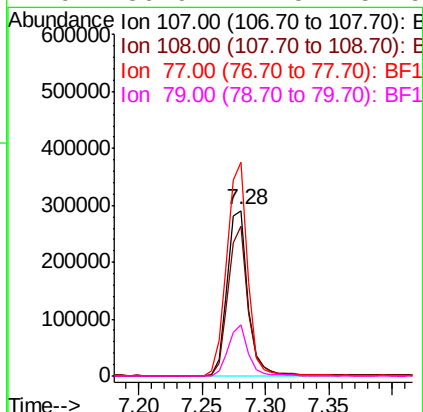
Instrument :
BNA_F
ClientSampled :

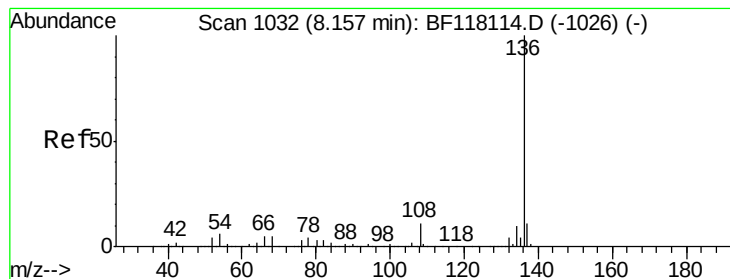
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.3	43.2	64.8
101	11.2	8.1	12.1
130	23.6	19.8	29.8



#20
3+4-Methylphenols
Concen: 44.664 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.8	73.2	113.2
77	129.2	110.9	150.9
79	30.9	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 456836

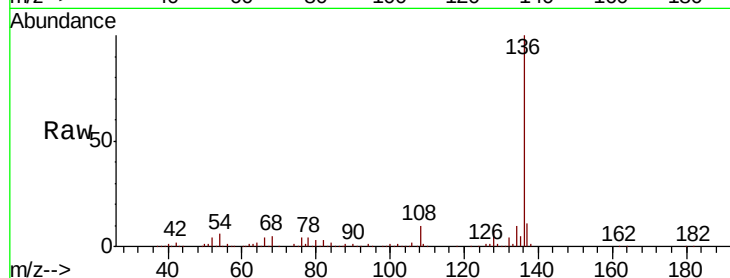
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 6.2 5.0 7.6

68 4.6 3.8 5.8

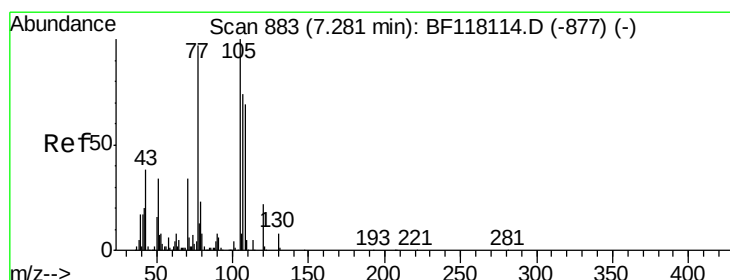
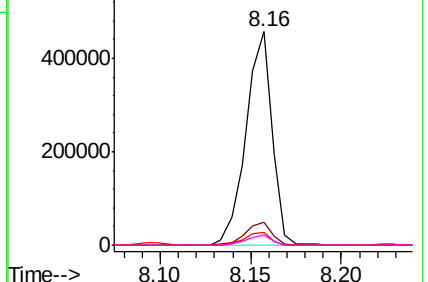
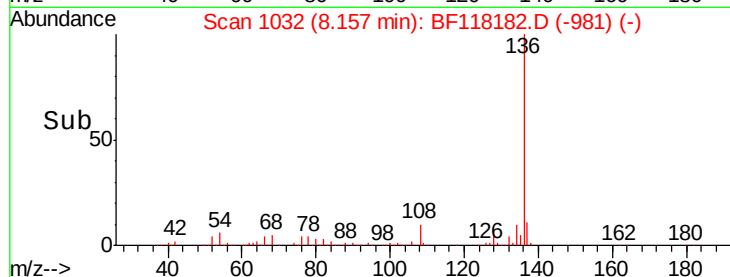


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.760 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:105 Resp: 436376

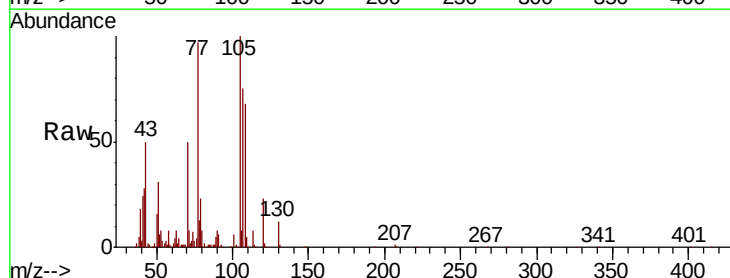
Ion Ratio Lower Upper

105 100

71 8.1 4.7 7.1#

51 31.4 27.1 40.7

120 22.5 17.8 26.6

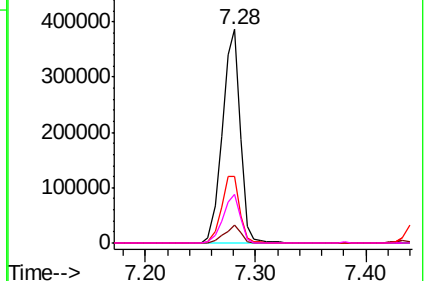
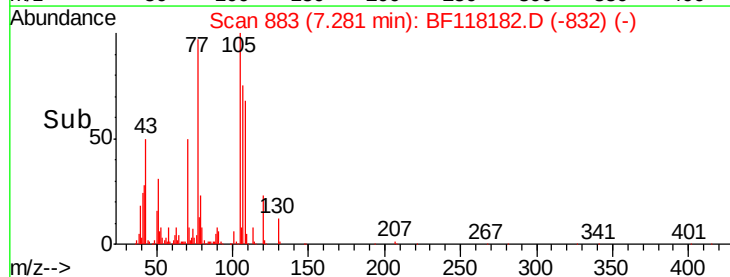


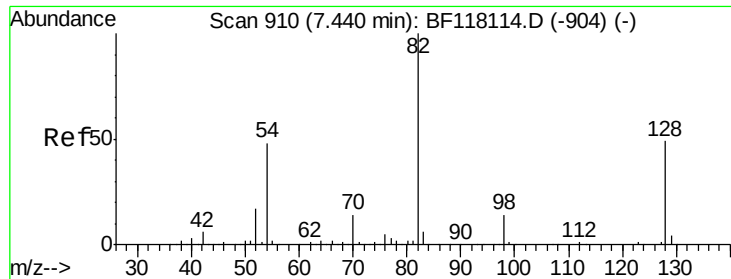
Abundance Ion 105.00 (104.70 to 105.70): E

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

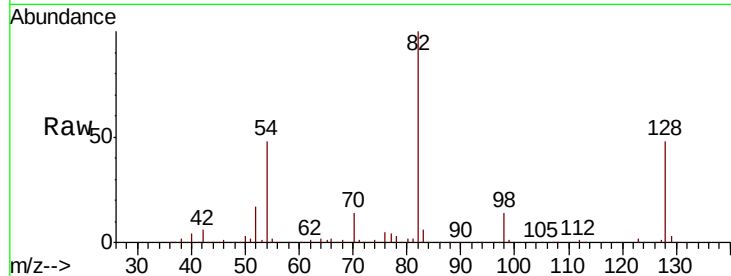




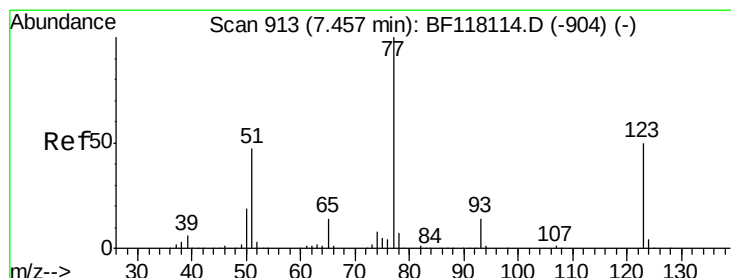
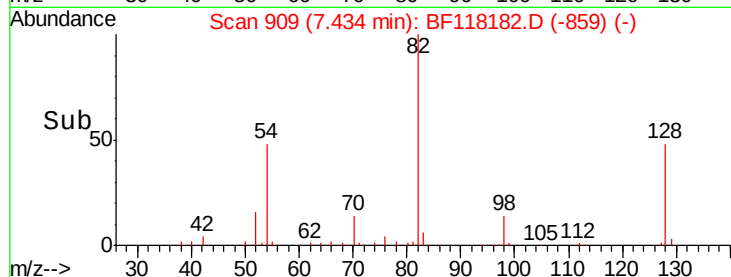
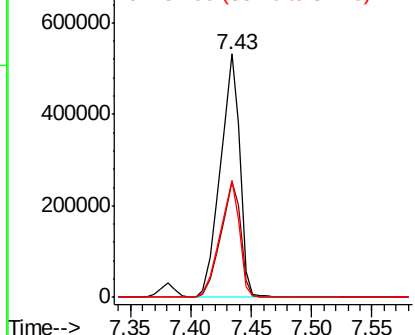
#23
Nitrobenzene-d5
Concen: 72.857 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.1	58.7
54	47.8	38.2	57.2

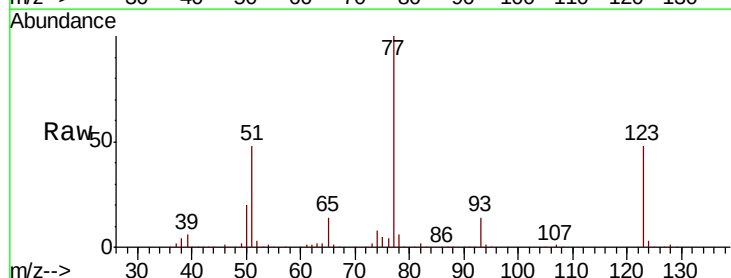


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

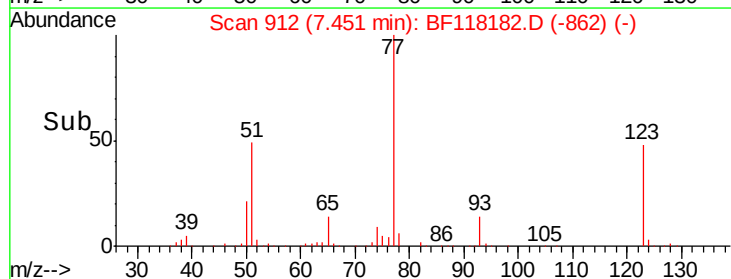
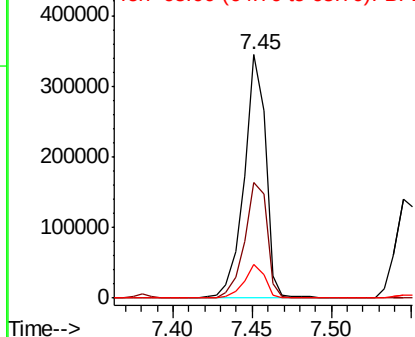


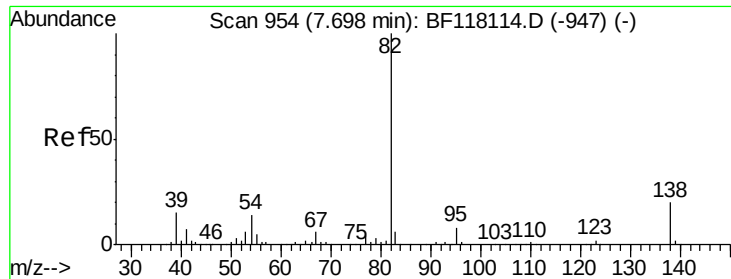
#24
Nitrobenzene
Concen: 40.191 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.1	60.1
65	14.0	10.9	16.3



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

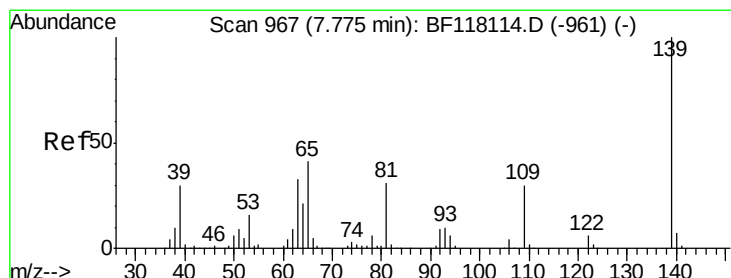
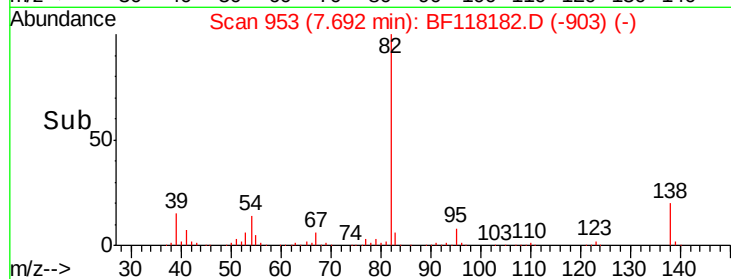
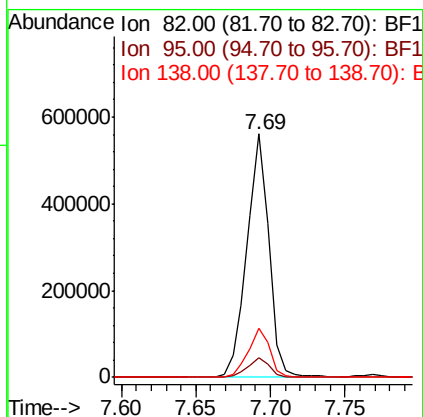
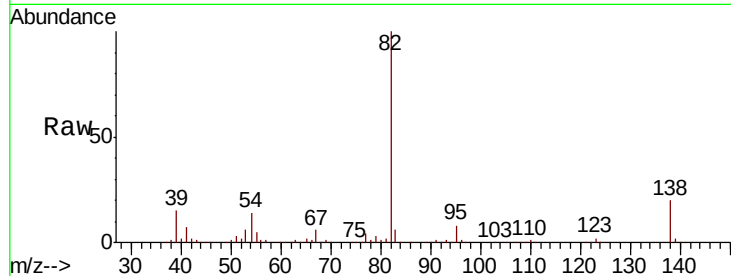




#25
Isophorone
Concen: 41.580 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

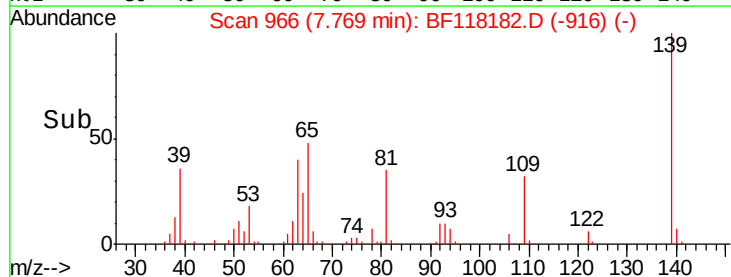
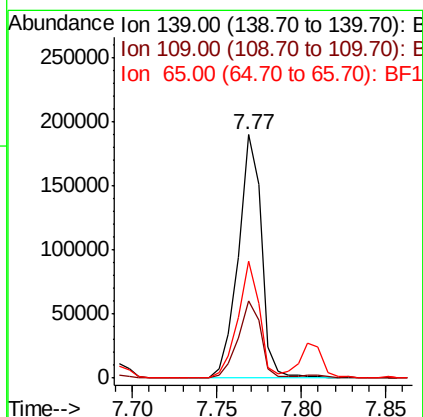
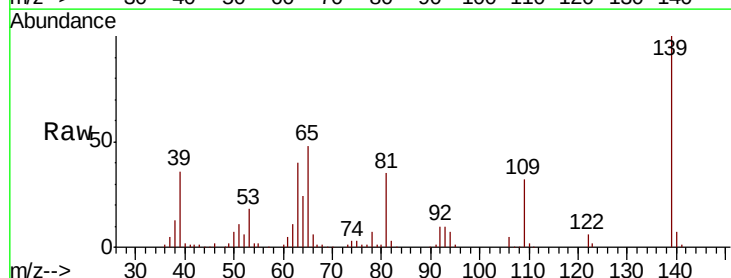
Instrument :
BNA_F
ClientSampleId :

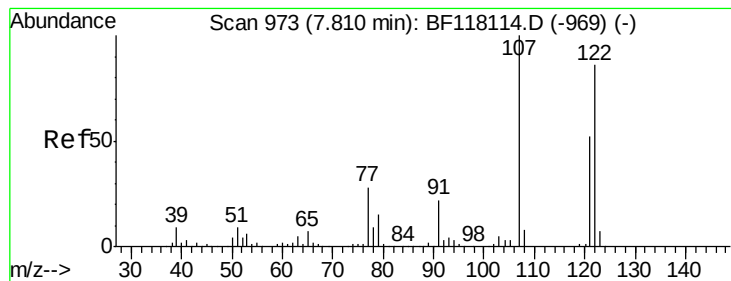
Tot Ion: 82 Resp: 572378
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 19.9 16.3 24.5



#26
2-Nitrophenol
Concen: 42.720 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion: 139 Resp: 182168
Ion Ratio Lower Upper
139 100
109 31.8 23.9 35.9
65 48.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.470 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

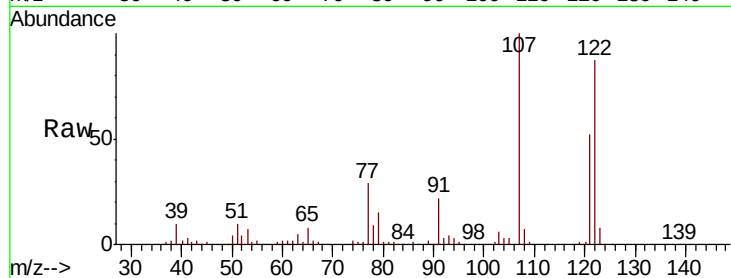
Tot Ion:122 Resp: 275697

Ion Ratio Lower Upper

122 100

107 114.9 92.9 139.3

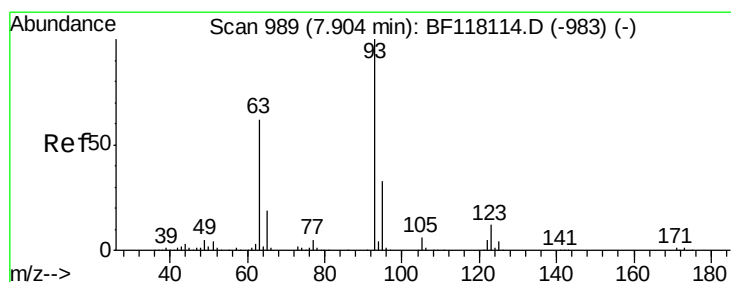
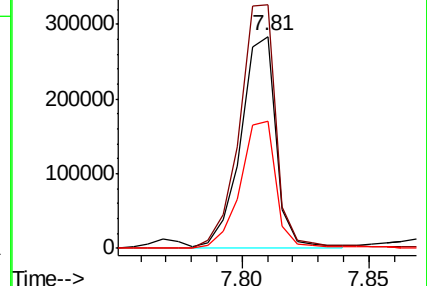
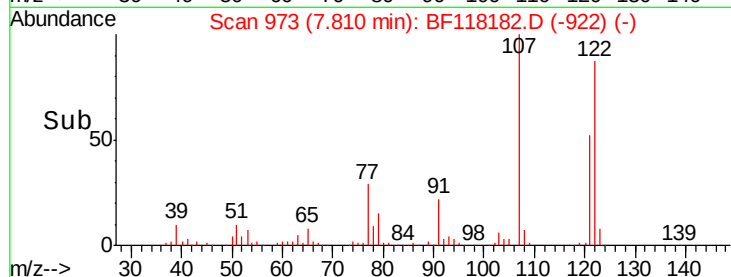
121 59.9 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.326 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

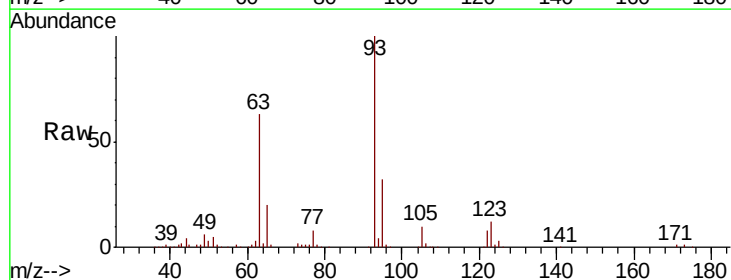
Tgt Ion: 93 Resp: 353741

Ion Ratio Lower Upper

93 100

95 32.4 26.7 40.1

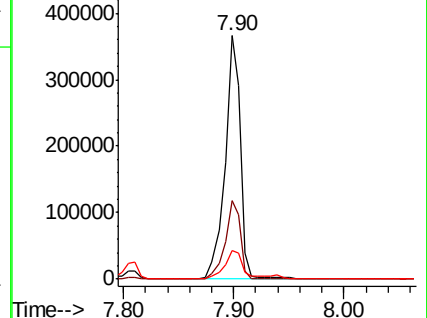
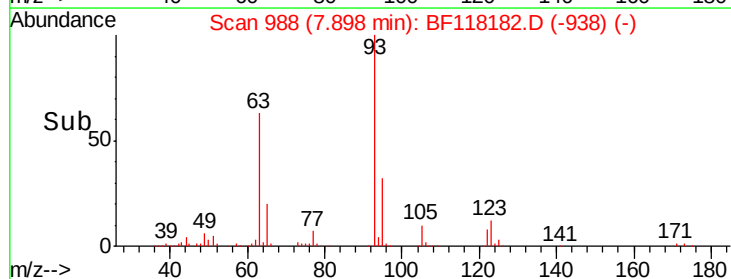
123 11.9 10.0 15.0

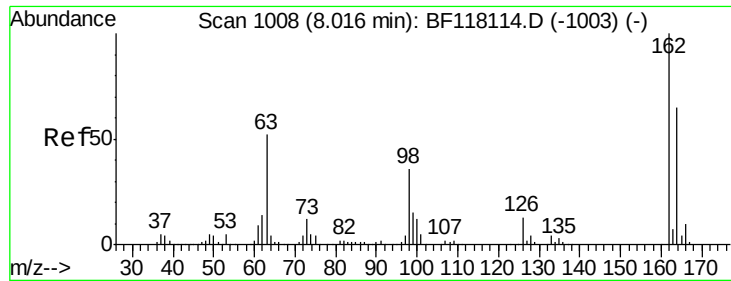


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

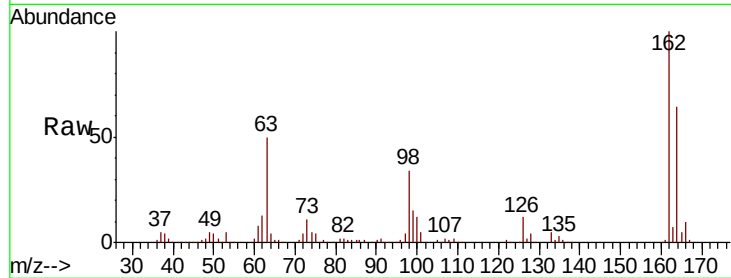




#29
 2,4-Dichlorophenol
 Concen: 41.537 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.2	85.2
98	34.4	15.9	55.9

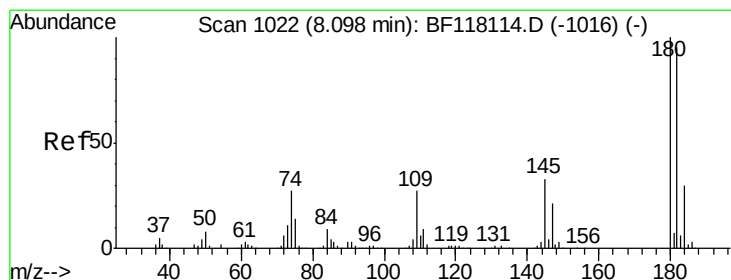
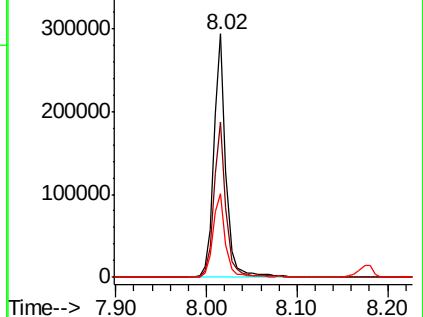
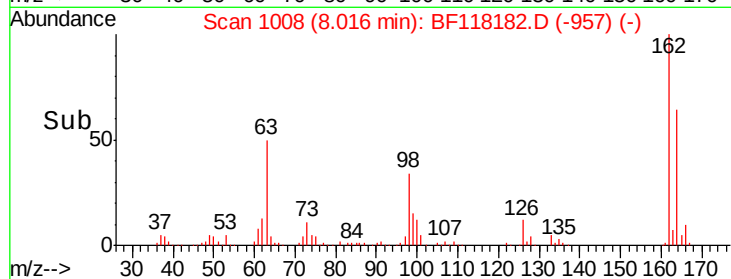


Abundance

Ion 162.00 (161.70 to 162.70): E

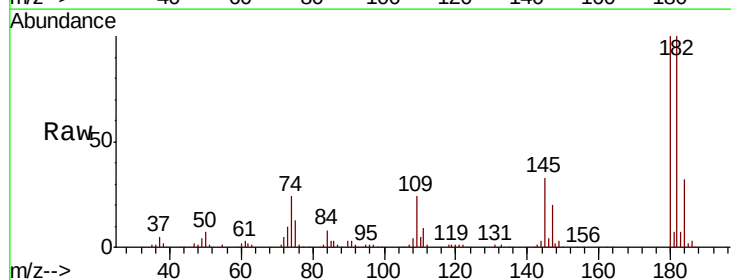
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.129 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.1	114.1
145	32.6	26.1	39.1

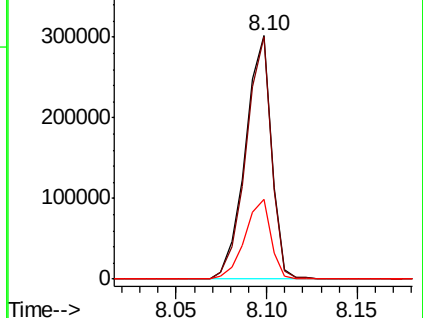
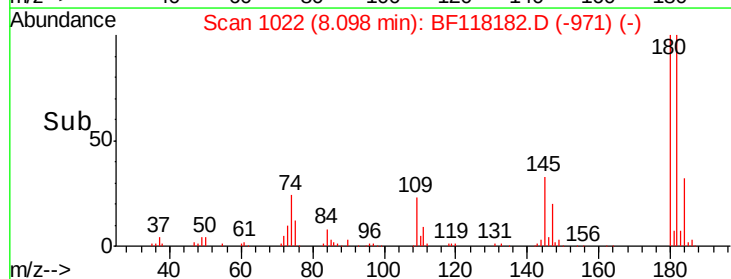


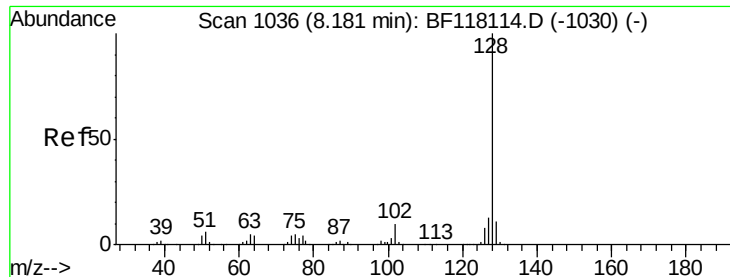
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

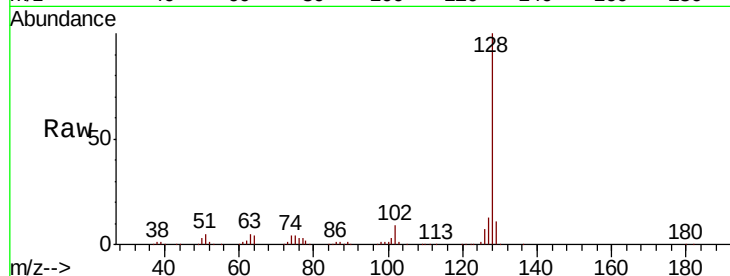




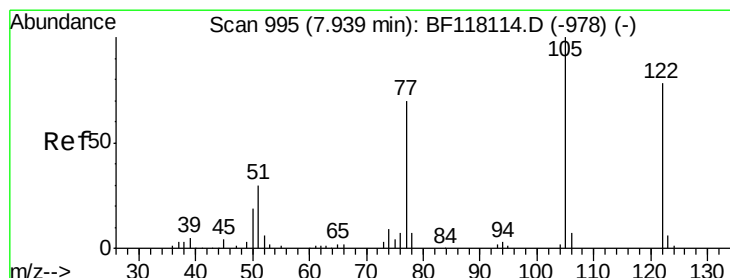
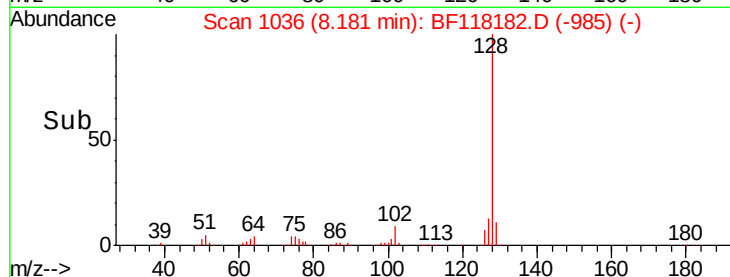
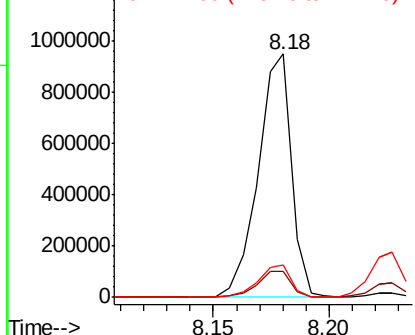
#31
Naphthalene
Concen: 41.834 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 959812
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.5 10.6 16.0

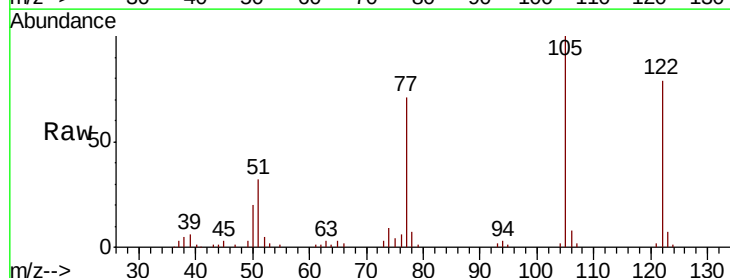


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

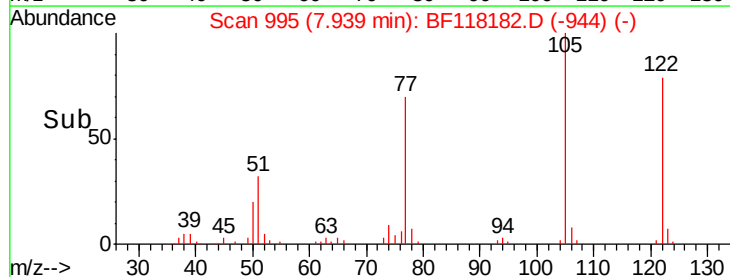
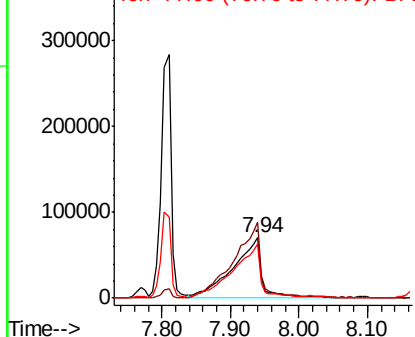


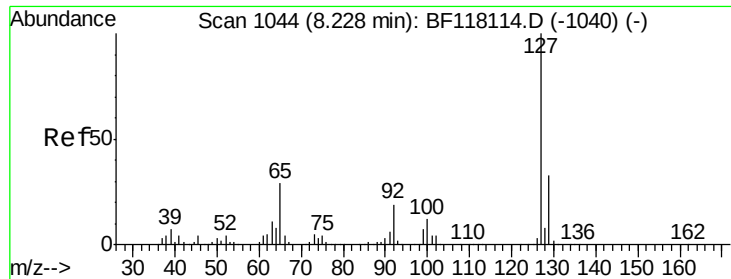
#32
Benzoic acid
Concen: 39.520 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:122 Resp: 202968
Ion Ratio Lower Upper
122 100
105 127.3 104.7 144.7
77 90.6 69.1 109.1



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

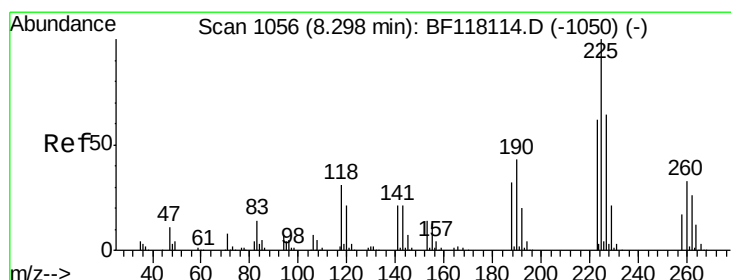
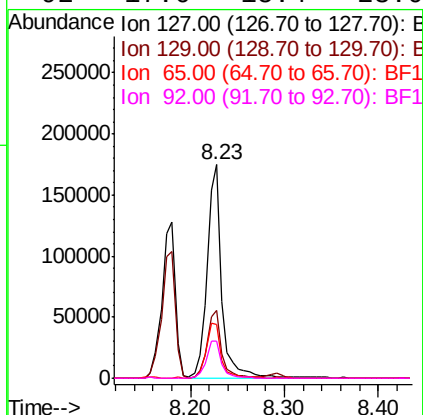
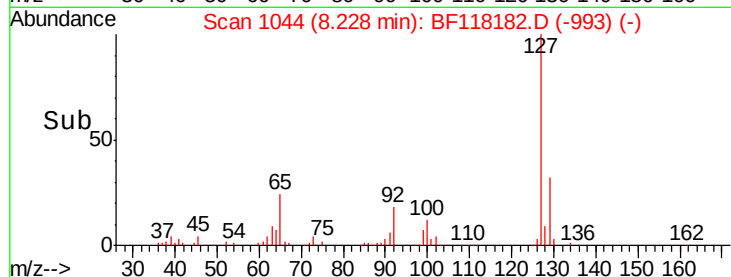
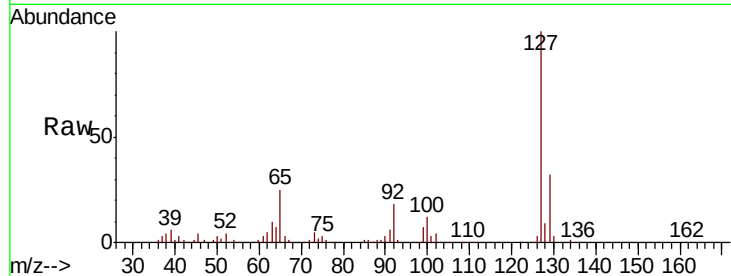




#33
4-Chloroaniline
Concen: 19.175 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

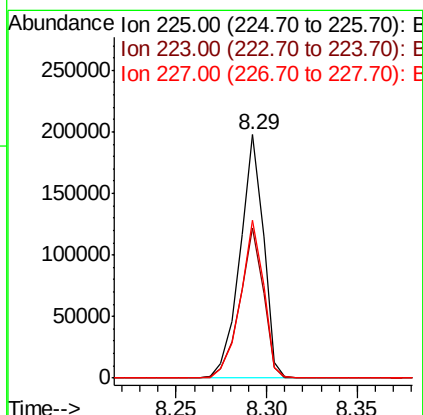
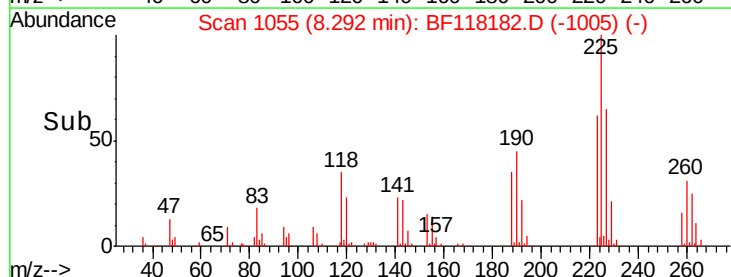
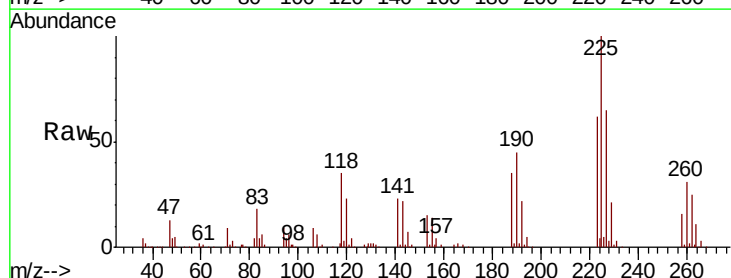
Instrument :
BNA_F
ClientSampled :

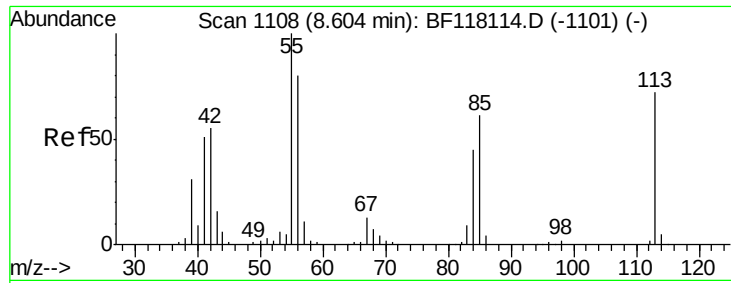
Tot Ion:	127	Resp:	189959
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	40.0
65	25.0	23.2	34.8
92	17.6	15.4	23.0



#34
Hexachlorobutadiene
Concen: 38.212 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:	225	Resp:	177565
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.6	74.4
227	64.8	51.0	76.6

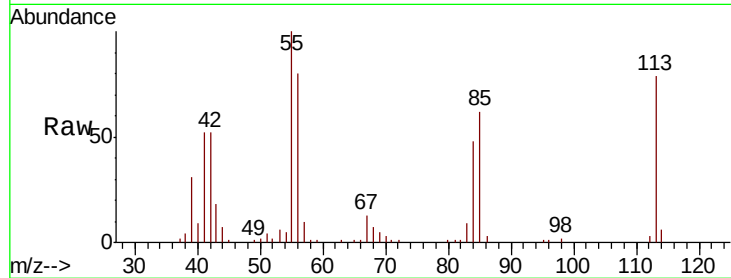




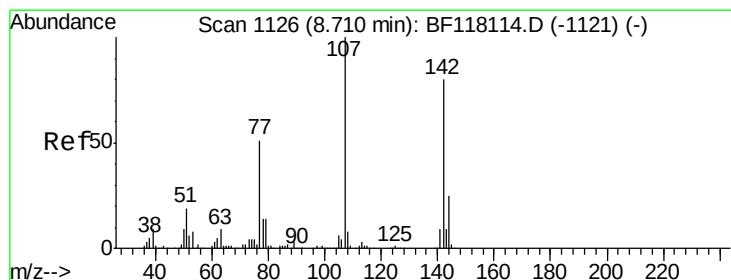
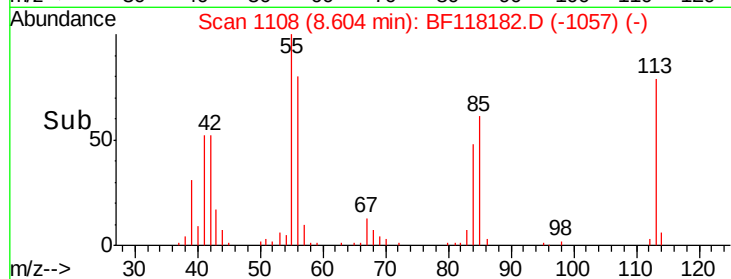
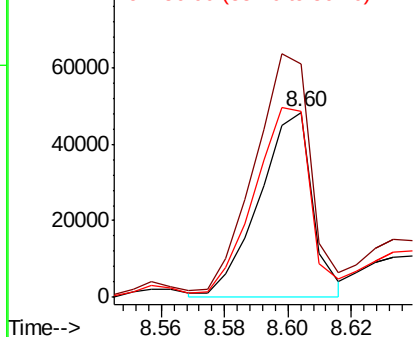
#35
Caprolactam
Concen: 27.744 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 56734
Ion Ratio Lower Upper
113 100
55 126.0 118.9 158.9
56 100.6 91.4 131.4

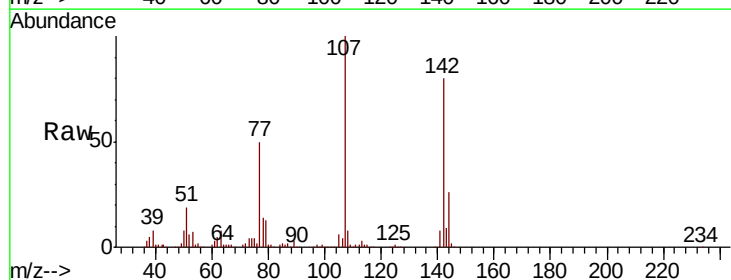


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

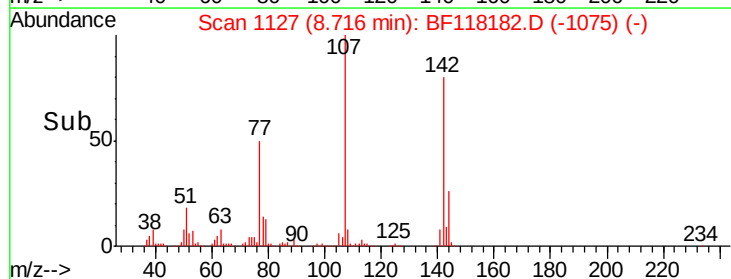
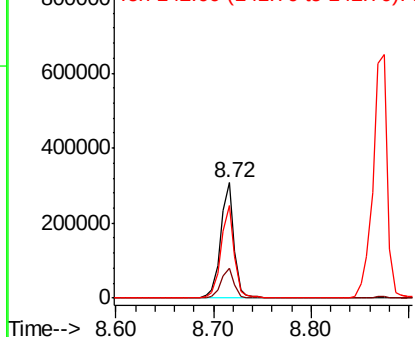


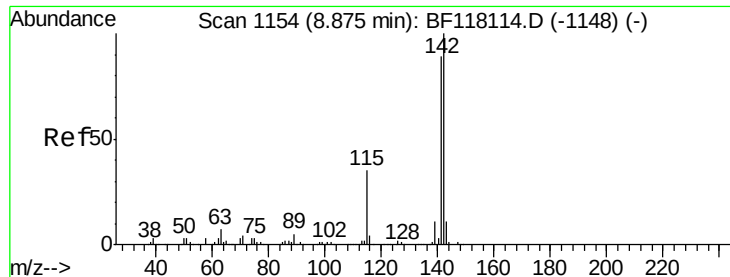
#36
4-Chloro-3-methylphenol
Concen: 42.178 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:107 Resp: 294322
Ion Ratio Lower Upper
107 100
144 26.3 20.3 30.5
142 80.2 63.7 95.5



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

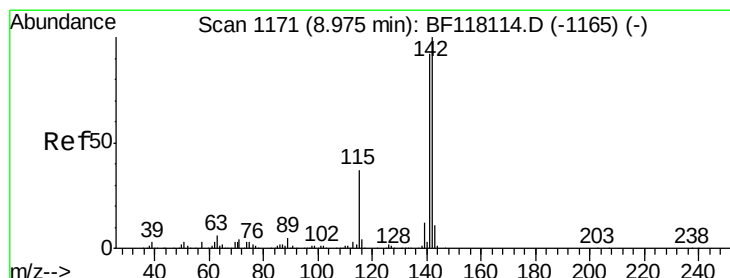
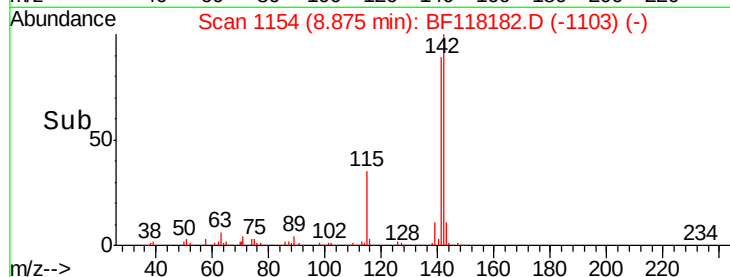
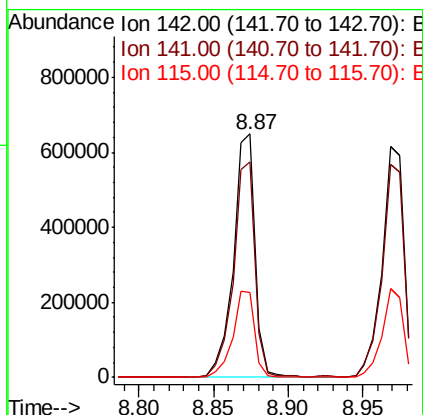
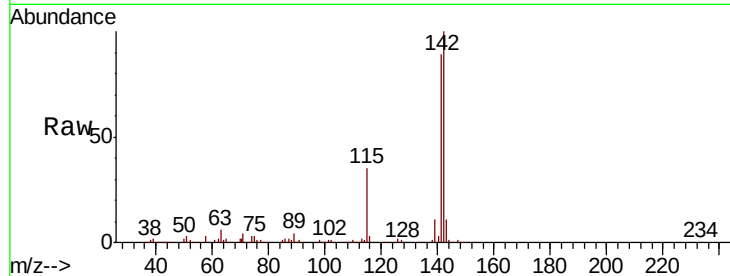




#37
 2-Methylnaphthalene
 Concen: 42.600 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

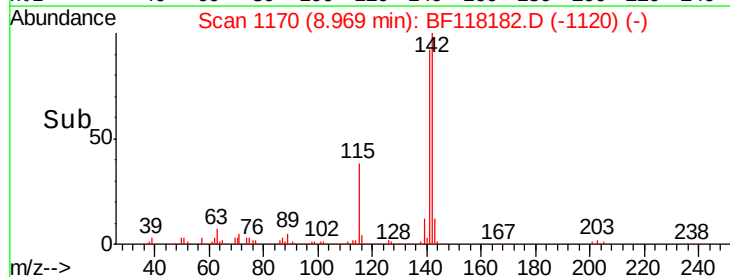
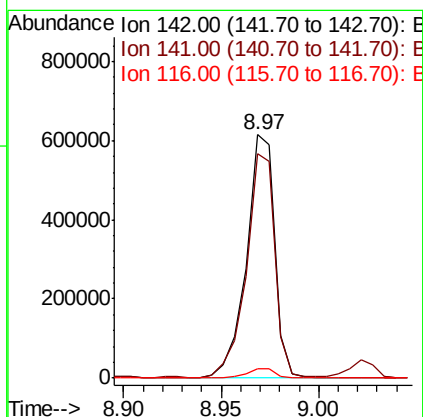
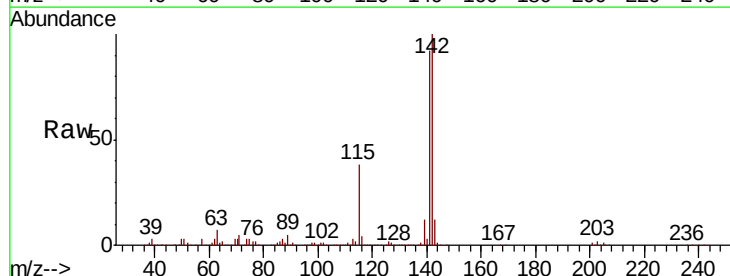
Instrument :
 BNA_F
 ClientSampleId :

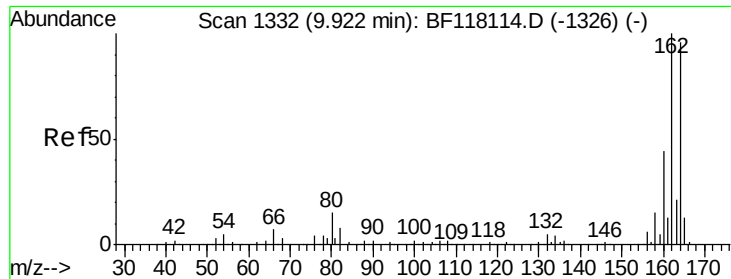
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.0
115	34.9	28.2	42.4



#38
 1-Methylnaphthalene
 Concen: 42.060 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.0	111.0
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

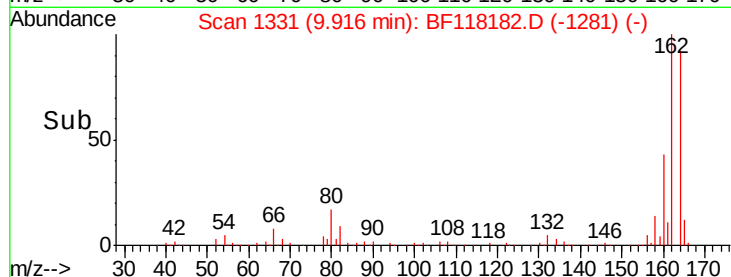
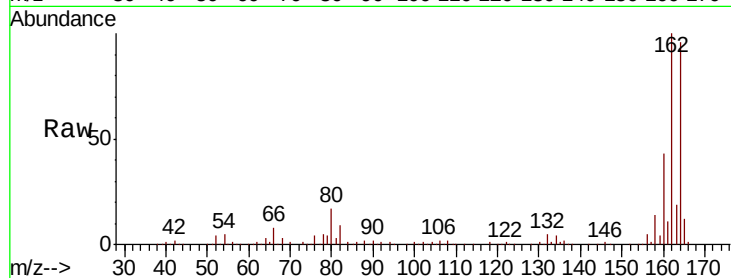
Tot Ion:164 Resp: 248921

Ion Ratio Lower Upper

164 100

162 103.9 83.4 125.0

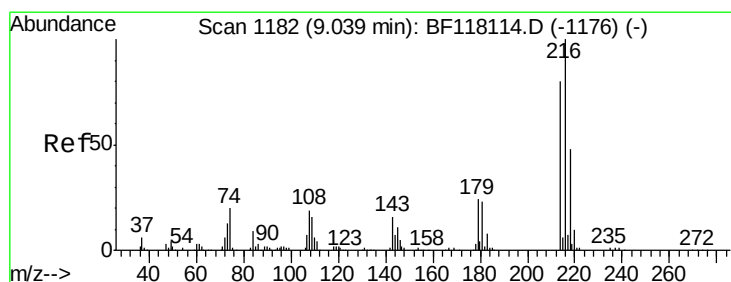
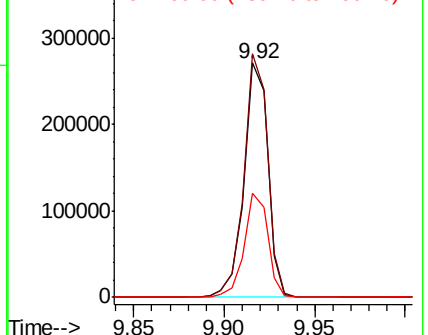
160 44.2 36.6 54.8



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: 38.694 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Tgt Ion:216 Resp: 291785

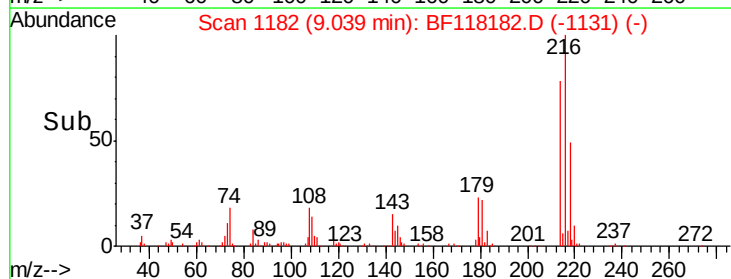
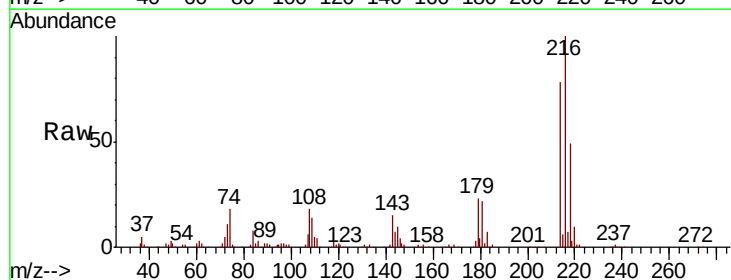
Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

179 22.8 18.6 27.8

108 21.4 15.4 23.0

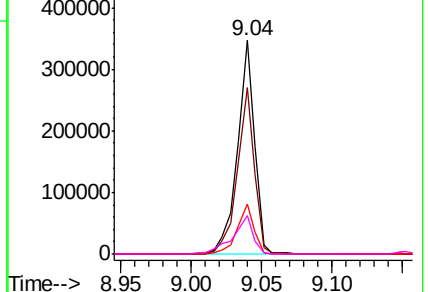


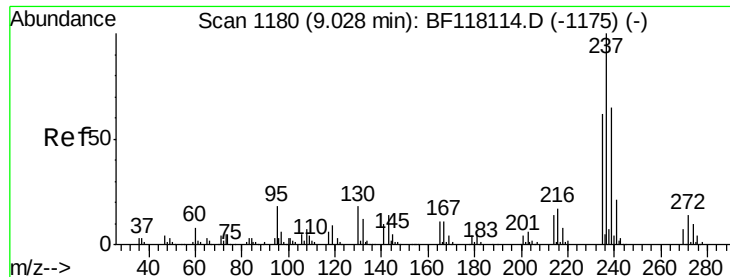
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.586 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

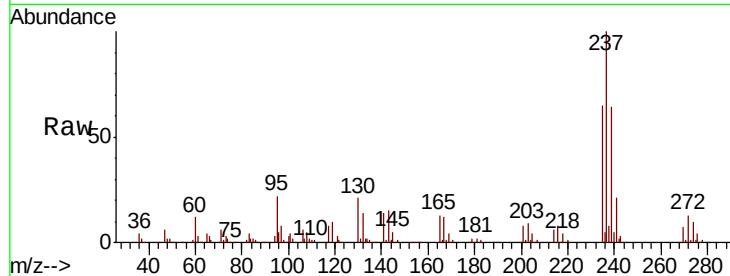
Tot Ion:237 Resp: 319569

Ion Ratio Lower Upper

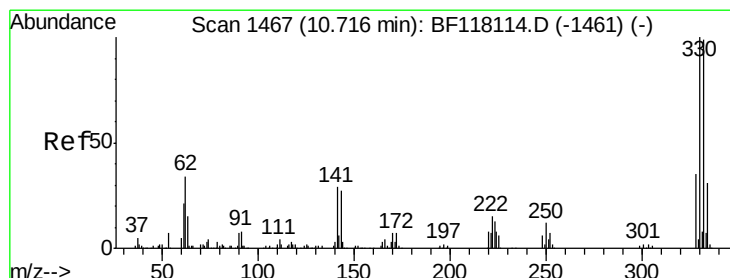
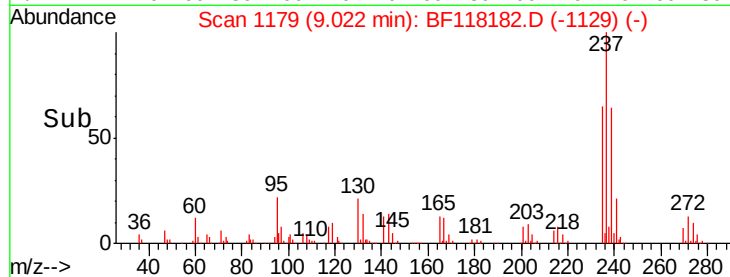
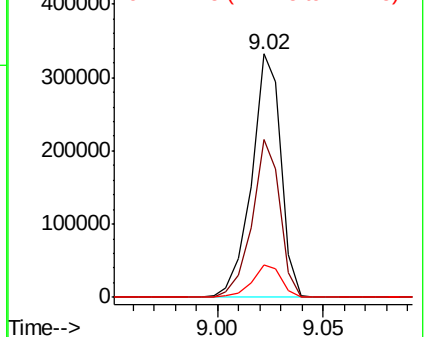
237 100

235 64.6 41.5 81.5

272 13.4 0.0 33.7



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: 110.902 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

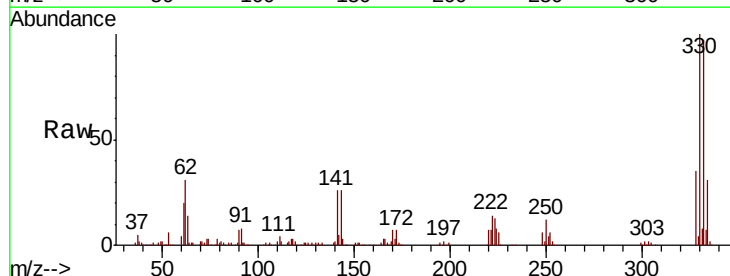
Tgt Ion:330 Resp: 335360

Ion Ratio Lower Upper

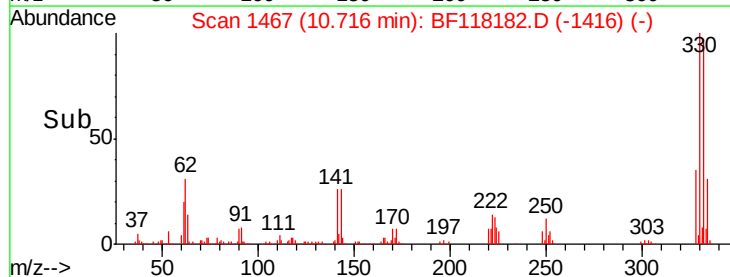
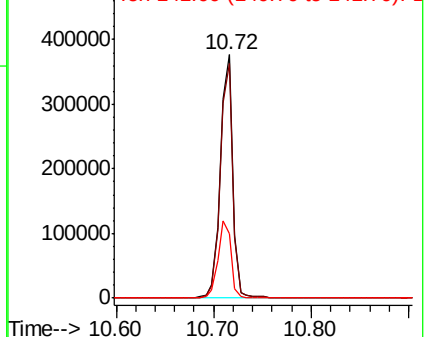
330 100

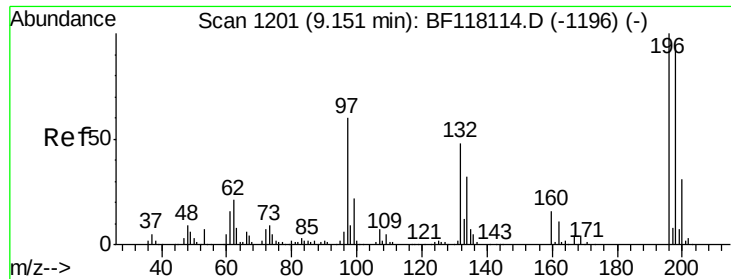
332 96.6 78.1 117.1

141 33.0 26.9 40.3



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

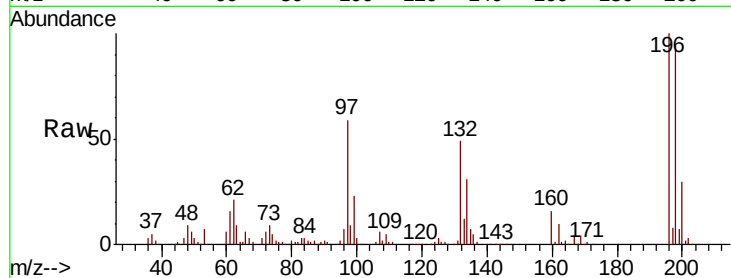




#43
 2,4,6-Trichlorophenol
 Concen: 39.587 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	199315
Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.0	112.4
200	29.7	24.5	36.7

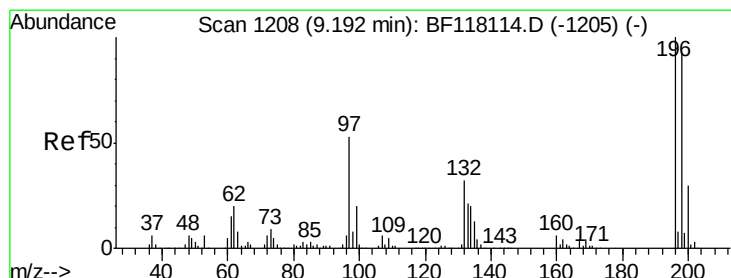
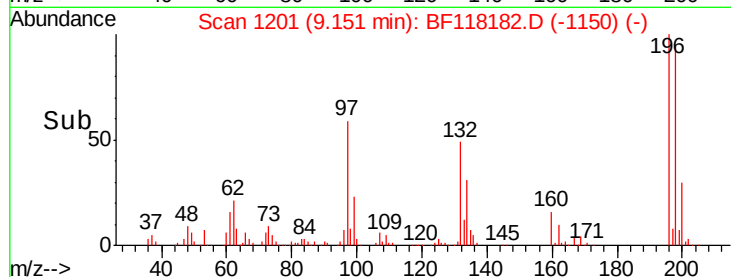
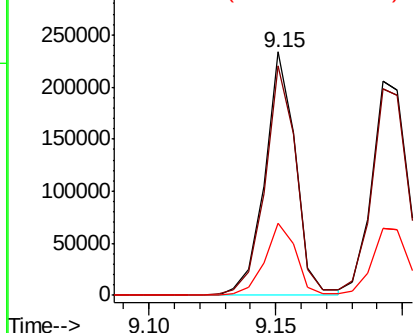


Abundance

Ion 196.00 (195.70 to 196.70): E

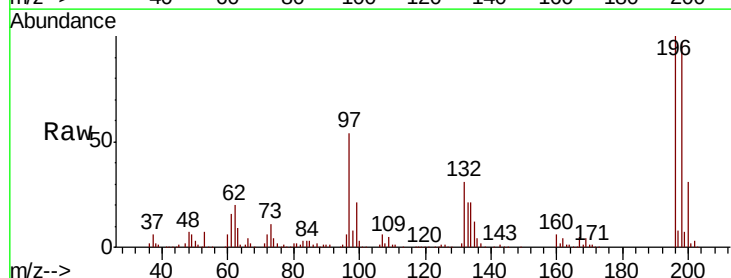
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.759 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion	196	Resp	217824
Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.2	111.4
97	53.7	42.5	63.7
132	31.2	25.4	38.2



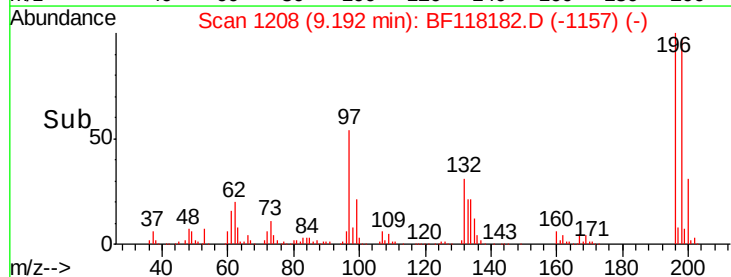
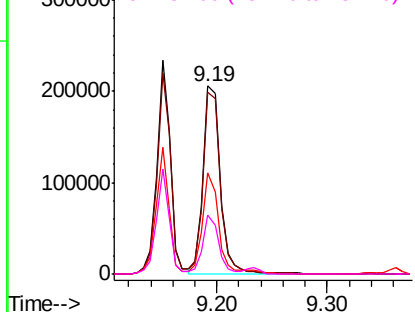
Abundance

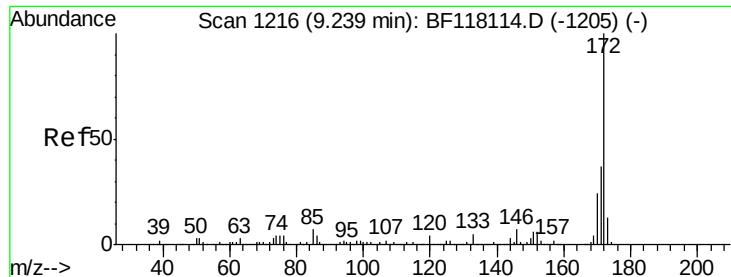
Ion 196.00 (195.70 to 196.70): E

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

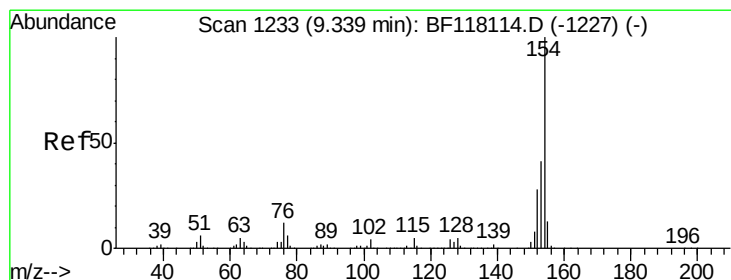
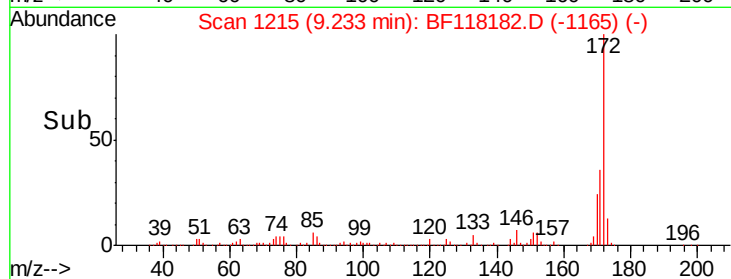
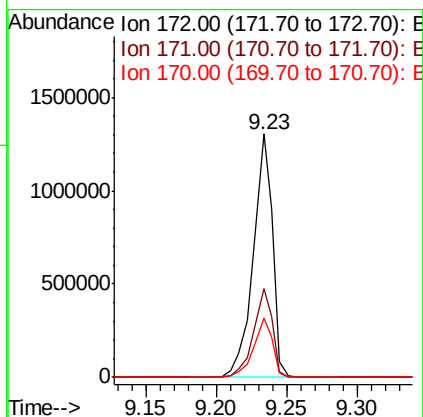
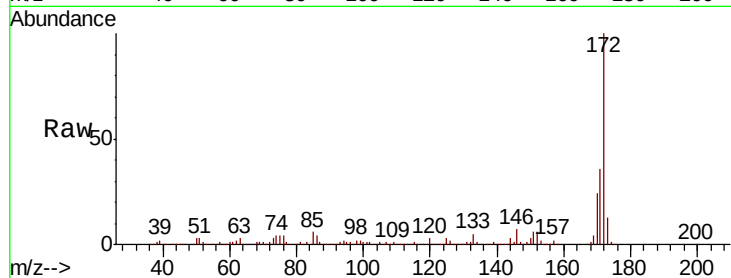




#45
2-Fluorobiphenyl
Concen: 76.453 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

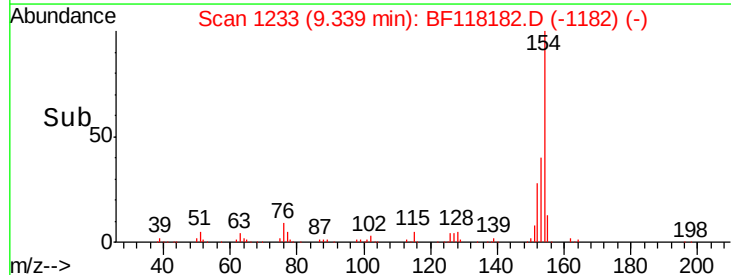
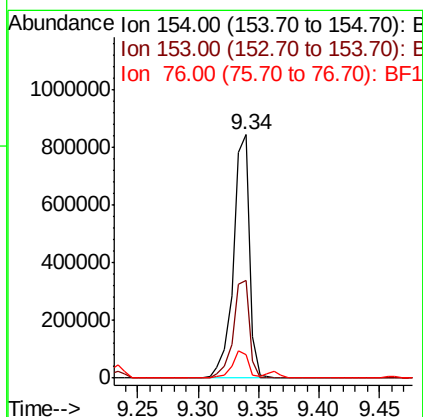
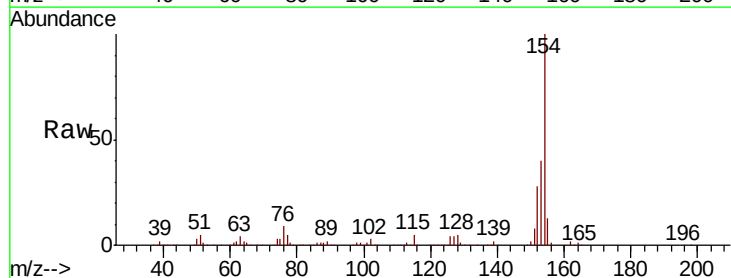
Instrument :
BNA_F
ClientSampleId :

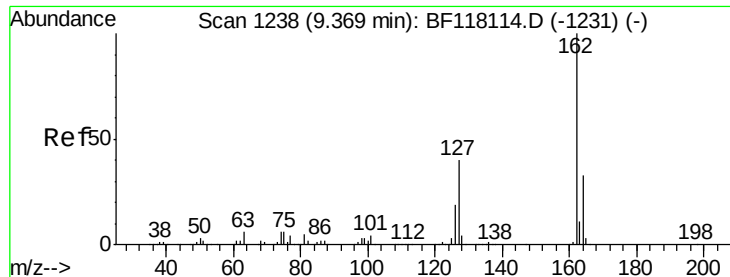
Tot Ion:172 Resp: 1250664
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.1 19.4 29.2



#46
1,1'-Biphenyl
Concen: 39.928 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:154 Resp: 783866
Ion Ratio Lower Upper
154 100
153 40.0 20.7 60.7
76 9.4 0.0 31.9

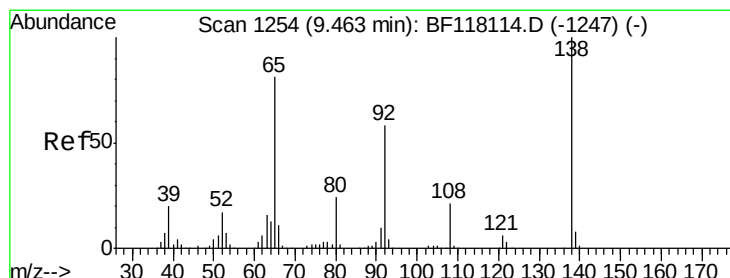
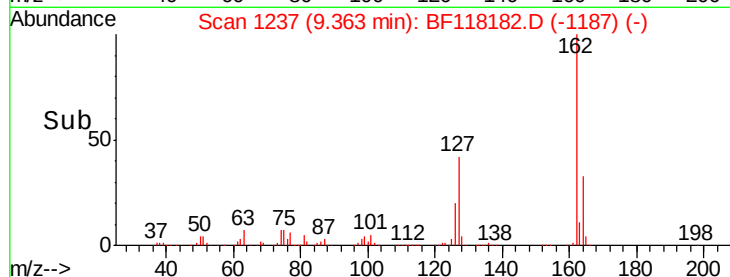
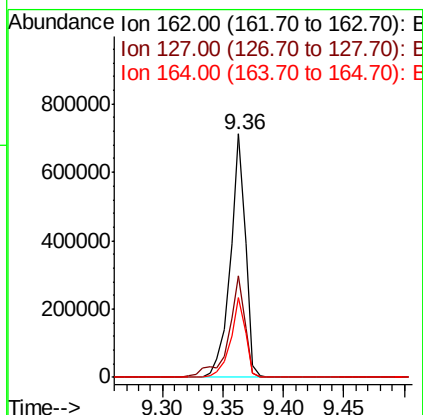
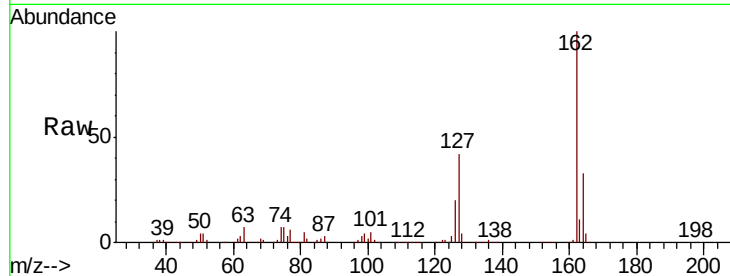




#47
 2-Chloronaphthalene
 Concen: 39.096 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

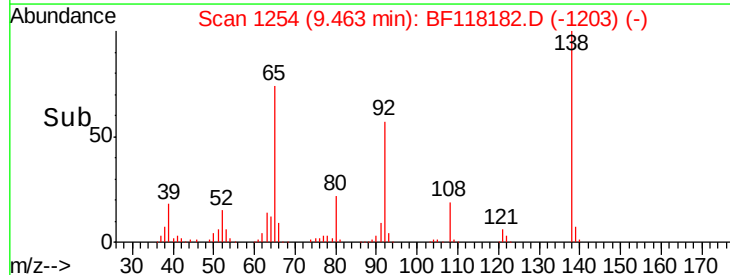
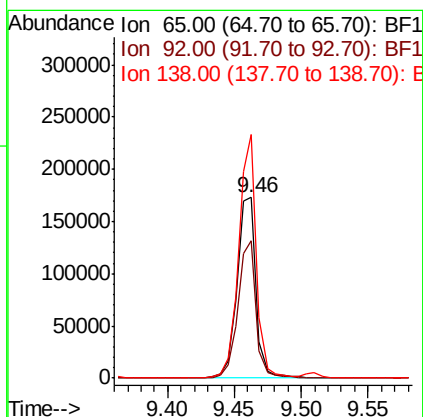
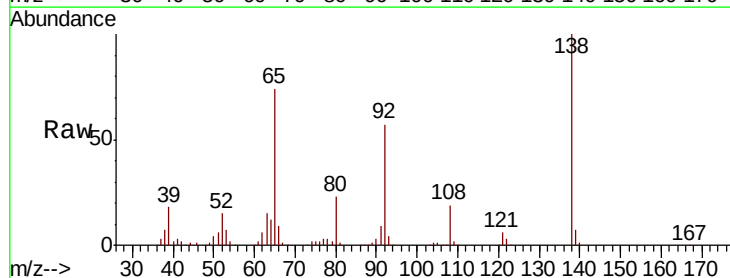
Instrument :
 BNA_F
 ClientSampleId :

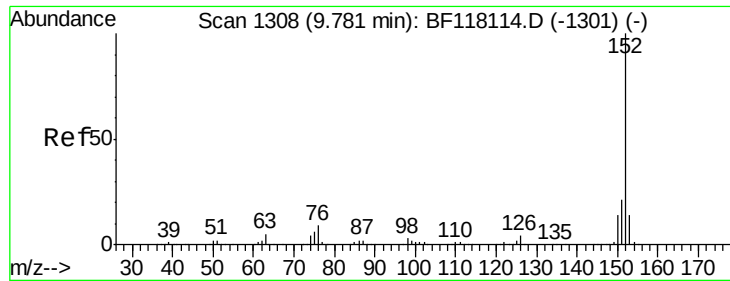
Tot Ion:	162	Resp:	617407
Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.0	48.0
164	32.9	26.1	39.1



#48
 2-Nitroaniline
 Concen: 38.503 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion:	65	Resp:	173399
Ion	Ratio	Lower	Upper
65	100		
92	76.1	57.8	86.6
138	134.7	98.8	148.2





#49

Acenaphthylene

Concen: 42.437 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

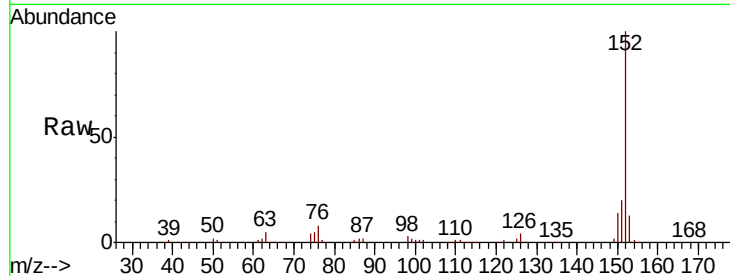
Tot Ion:152 Resp: 988465

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

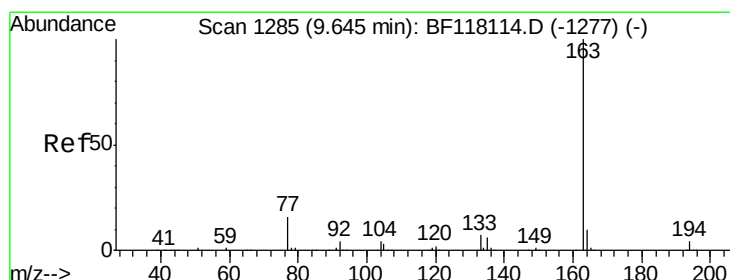
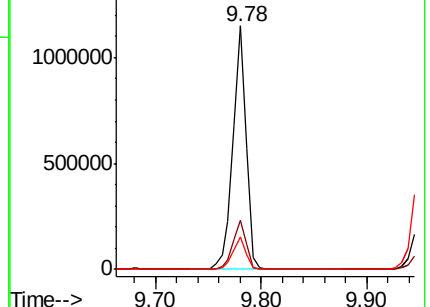
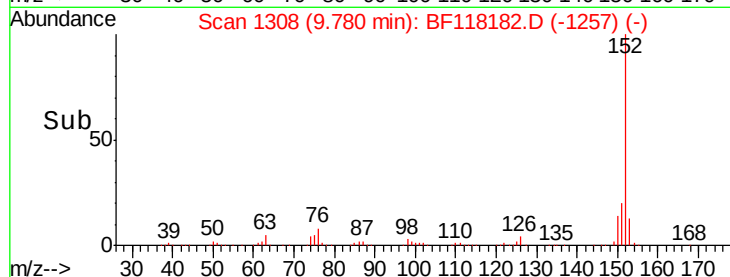
153 13.1 10.8 16.2



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: 39.775 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

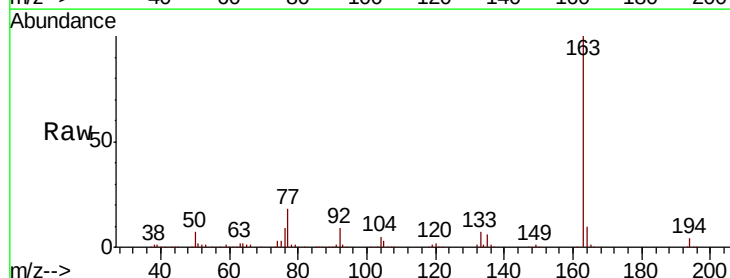
Tgt Ion:163 Resp: 731313

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

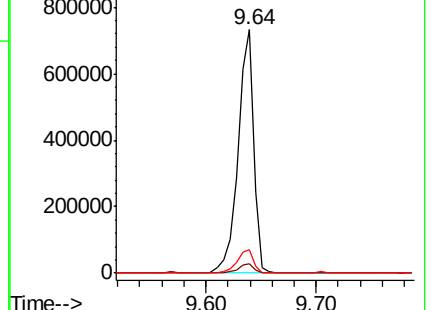
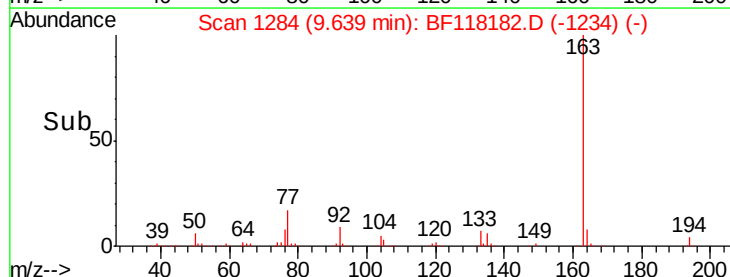
164 9.8 7.7 11.5

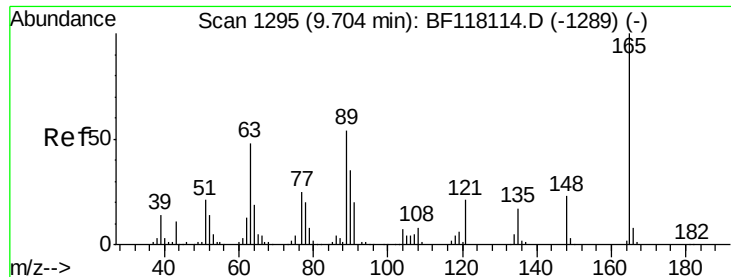


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.020 ng

RT: 9.70 min Scan# 1295

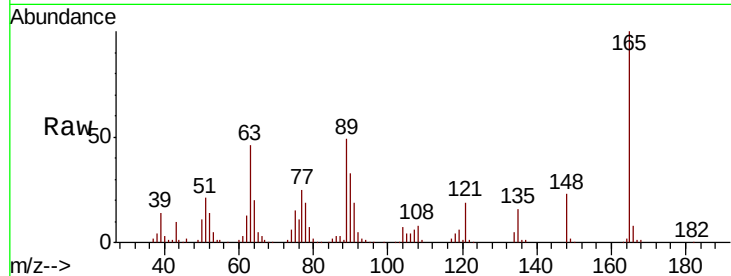
Delta R.T. -0.00 min

Lab File: BF118182.D

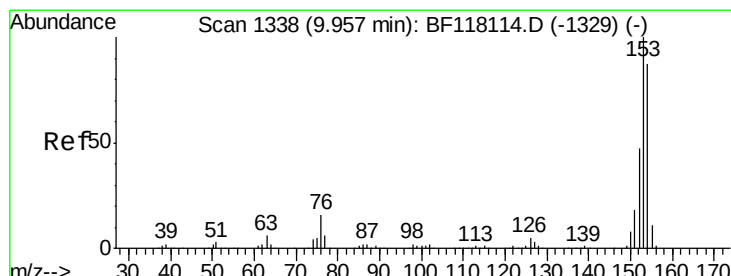
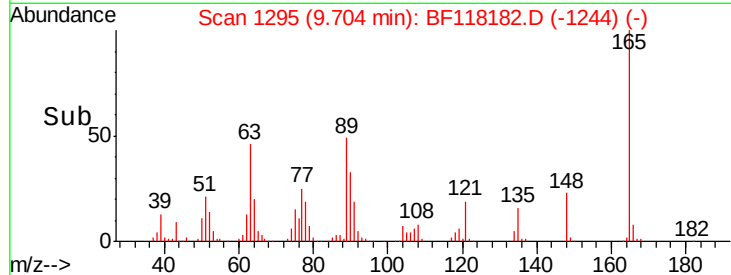
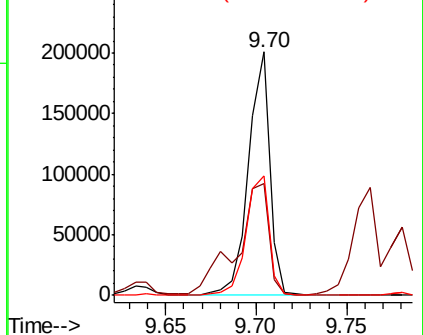
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	163997
Ion Ratio	Lower	Upper
165 100		
63 46.1	41.4	62.0
89 49.2	42.9	64.3



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: 39.945 ng

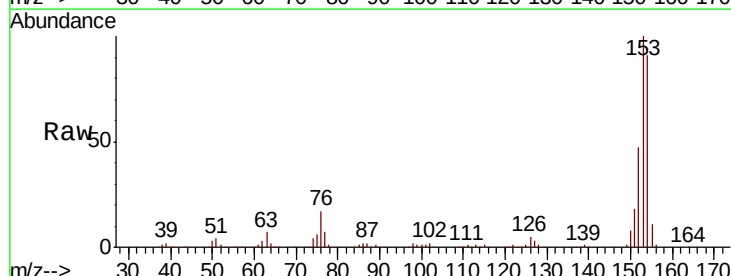
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

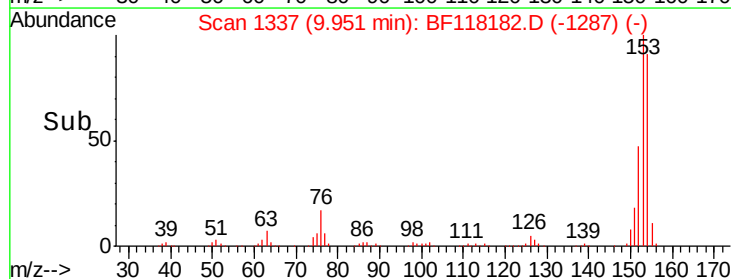
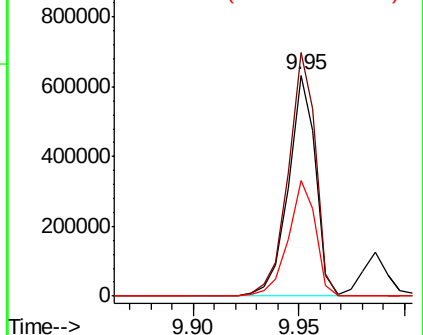
Lab File: BF118182.D

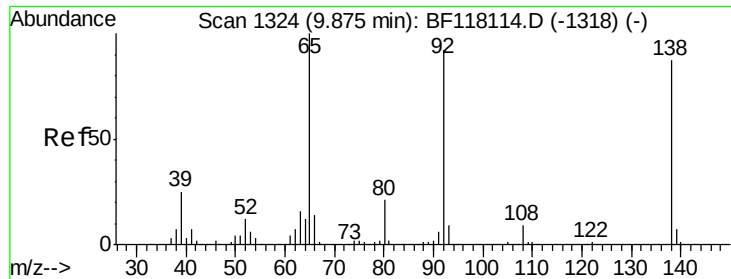
Acq: 13 Dec 2019 13:17

Tgt Ion:154	Resp:	567892
Ion Ratio	Lower	Upper
154 100		
153 110.2	91.8	137.6
152 52.3	43.3	64.9



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

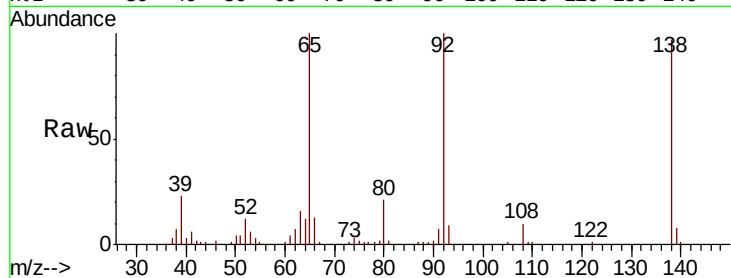




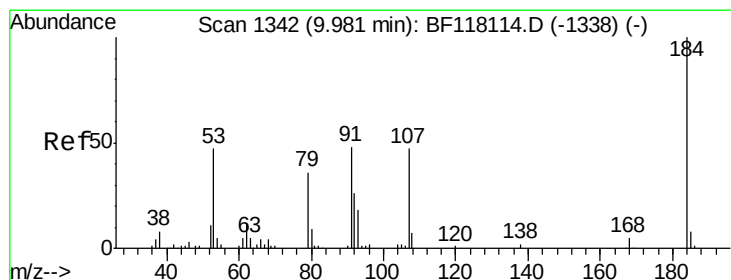
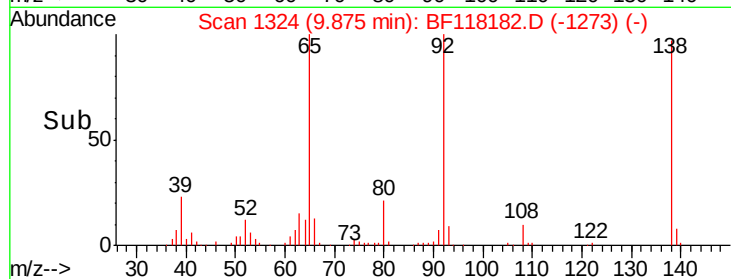
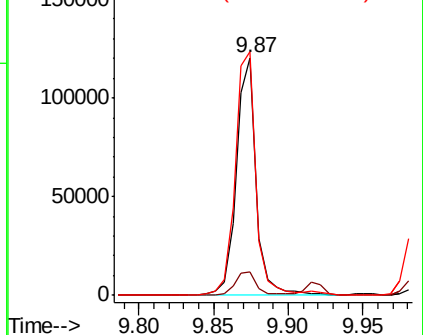
#53
3-Nitroaniline
Concen: 23.884 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 112373
Ion Ratio Lower Upper
138 100
108 9.8 8.2 12.4
92 102.6 84.9 127.3

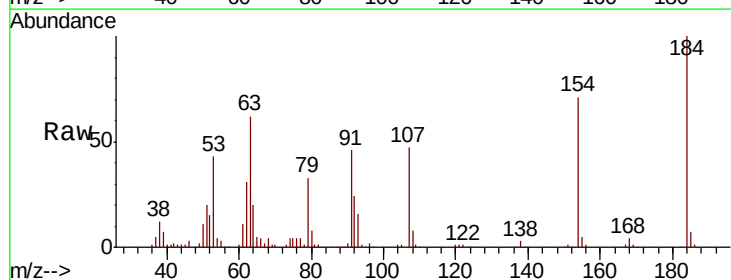


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

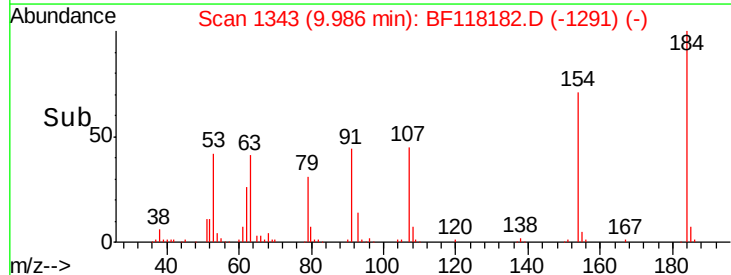
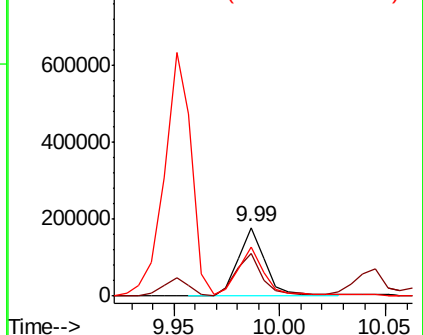


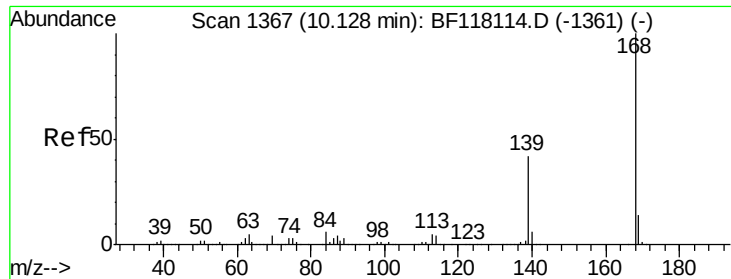
#54
2,4-Dinitrophenol
Concen: 80.512 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:184 Resp: 160143
Ion Ratio Lower Upper
184 100
63 61.5 53.9 80.9
154 71.0 56.3 84.5



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

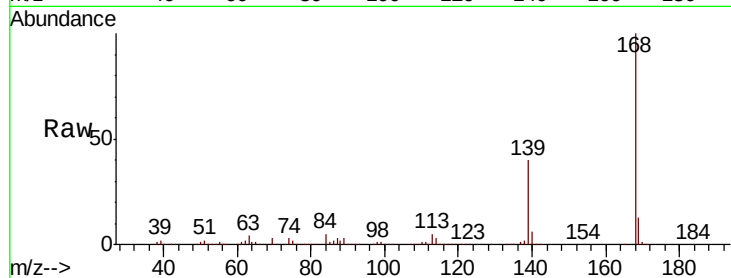




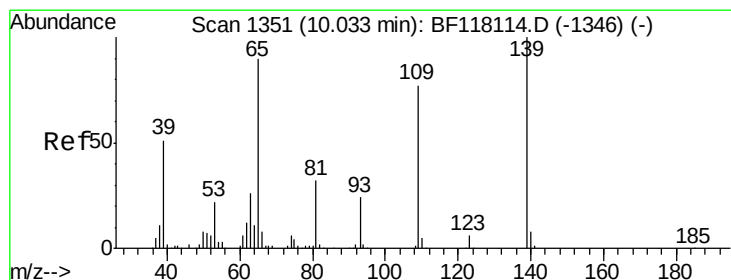
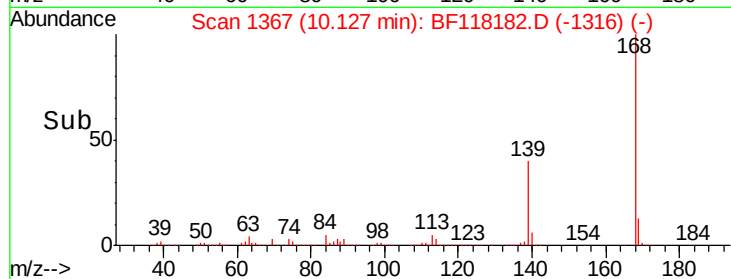
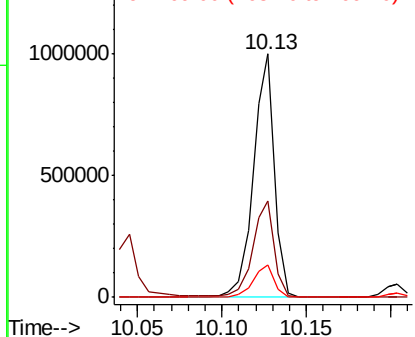
#55
Dibenzenofuran
Concen: 41.485 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 864209
Ion Ratio Lower Upper
168 100
139 39.7 33.4 50.0
169 13.5 11.0 16.6

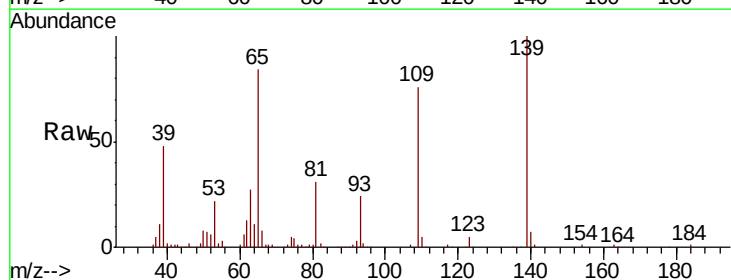


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

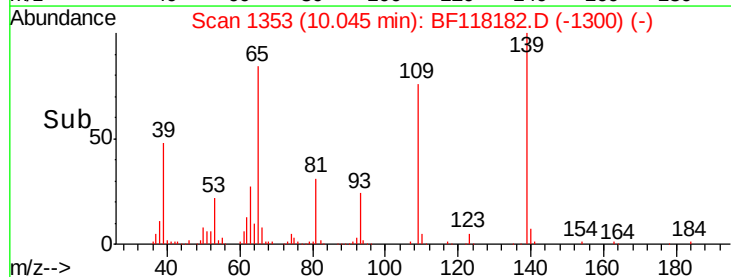
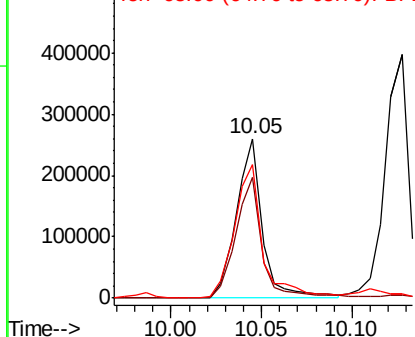


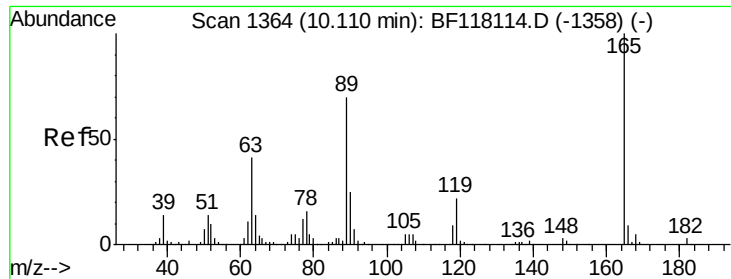
#56
4-Nitrophenol
Concen: 80.087 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:139 Resp: 261504
Ion Ratio Lower Upper
139 100
109 76.0 57.3 97.3
65 84.0 70.2 110.2



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

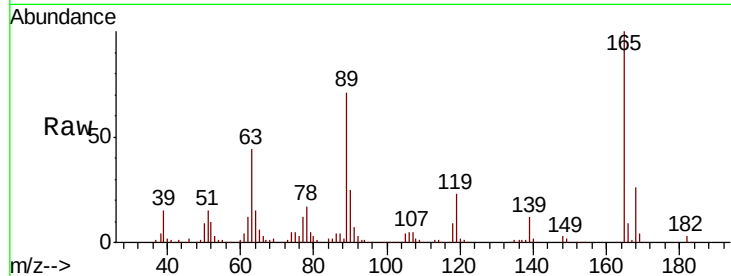




#57
2,4-Dinitrotoluene
Concen: 41.697 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	32.6	49.0
89	70.8	56.1	84.1
182	2.7	2.1	3.1



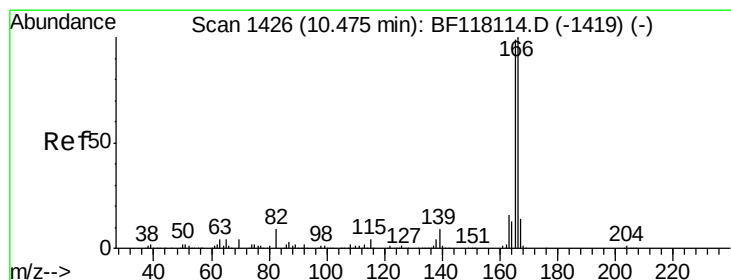
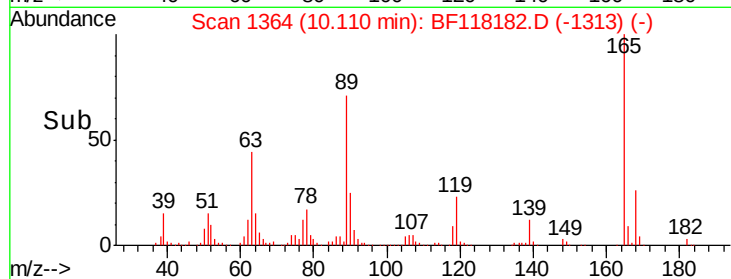
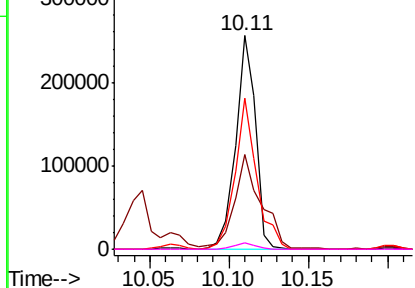
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

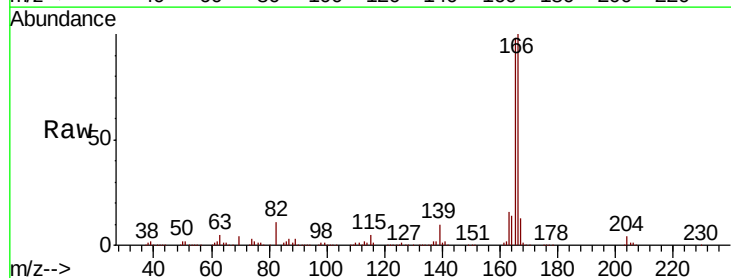
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.325 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.4
167	13.2	10.9	16.3

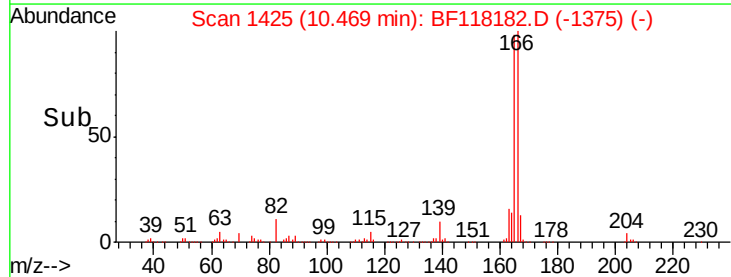
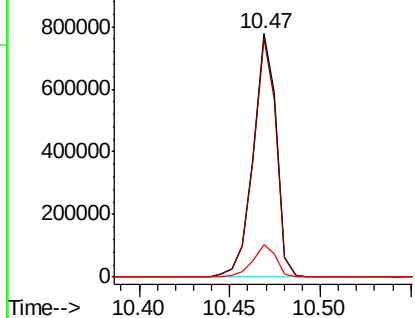


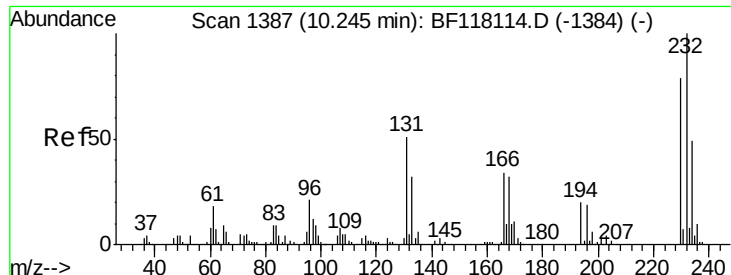
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

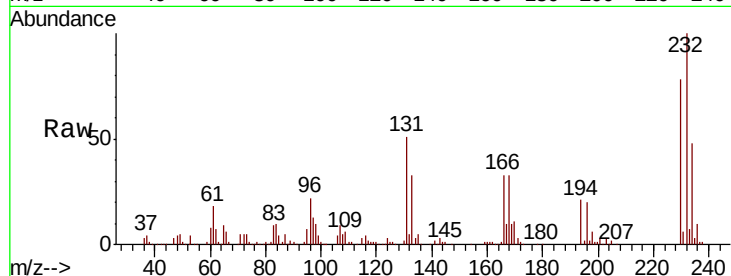




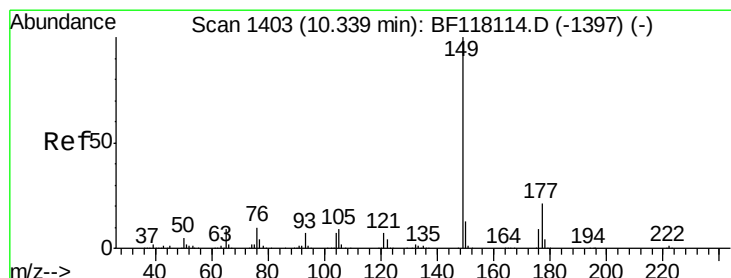
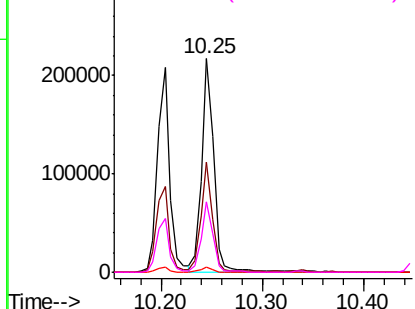
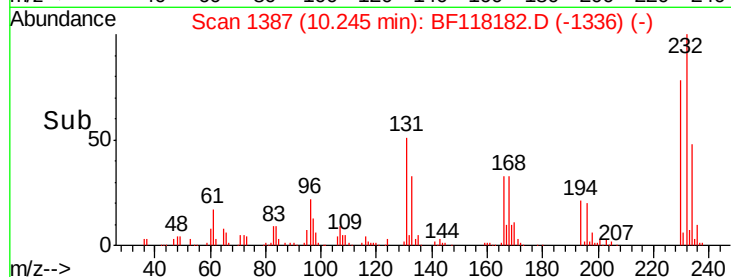
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.052 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	180972
Ion	Ratio	Lower	Upper
232	100		
131	48.8	38.8	58.2
130	2.4	1.9	2.9
166	32.4	25.4	38.0

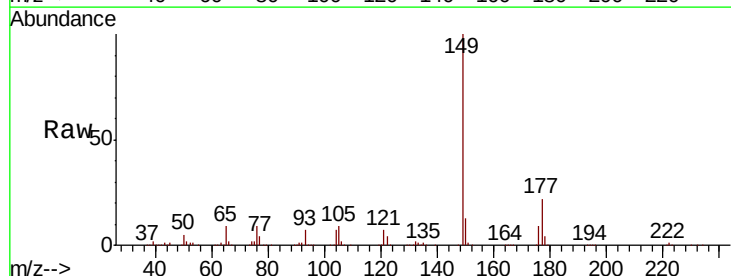


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

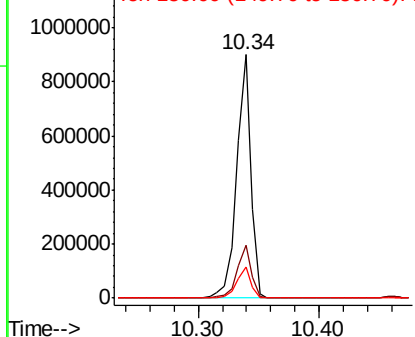
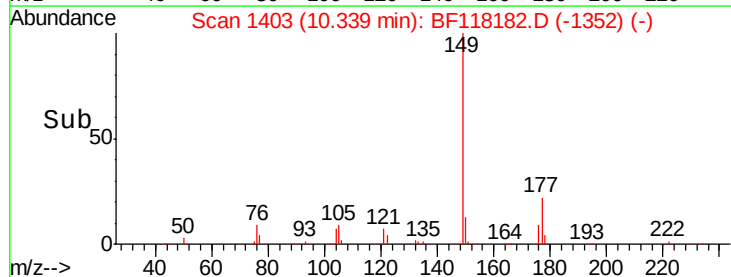


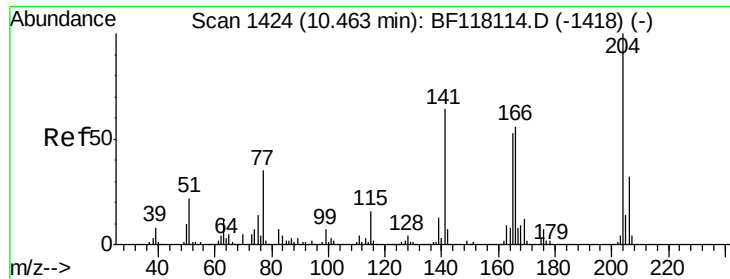
#60
 Diethylphthalate
 Concen: 40.902 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion:	149	Resp:	740948
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.0	25.4
150	13.0	10.1	15.1



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

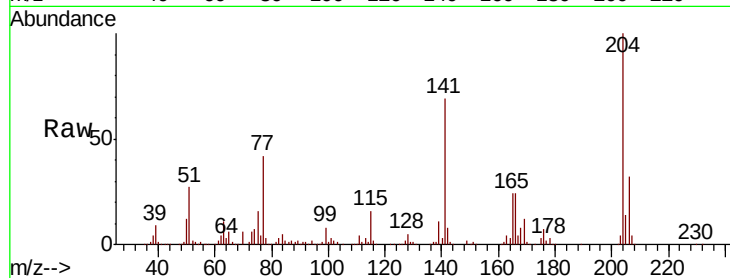




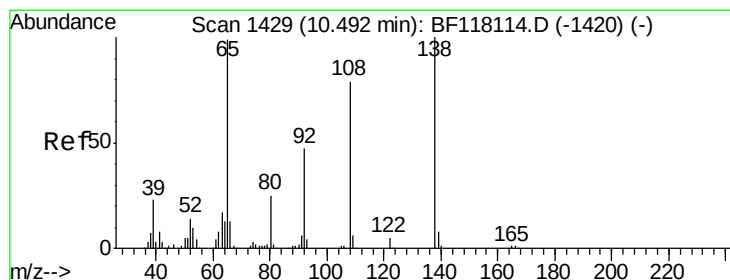
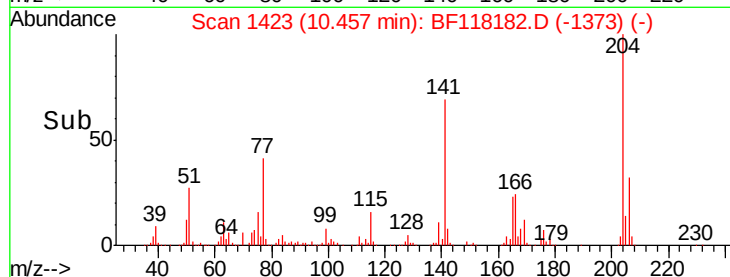
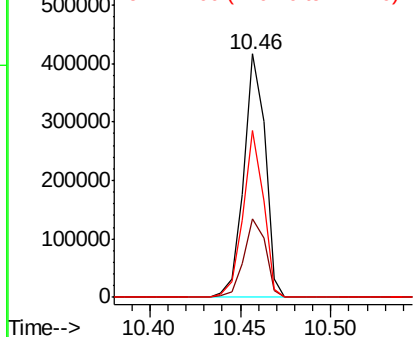
#61
4-Chlorophenyl-phenylether
Concen: 40.888 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 340582
Ion Ratio Lower Upper
204 100
206 32.1 26.0 39.0
141 68.7 51.0 76.6

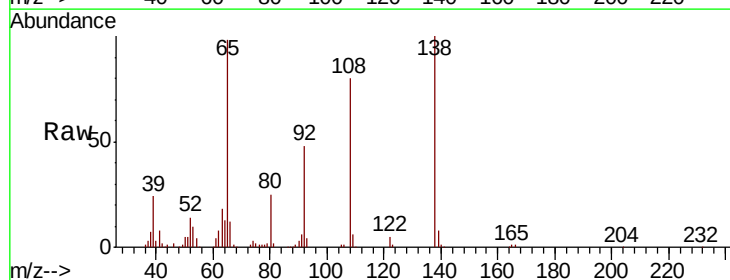


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

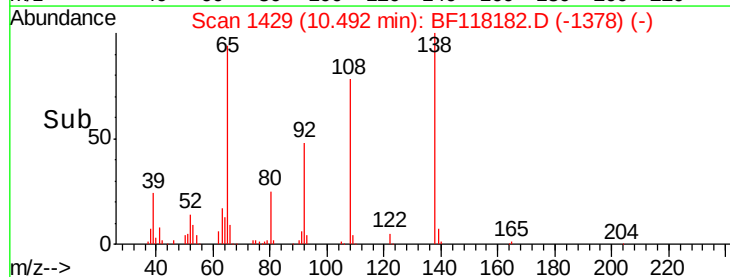
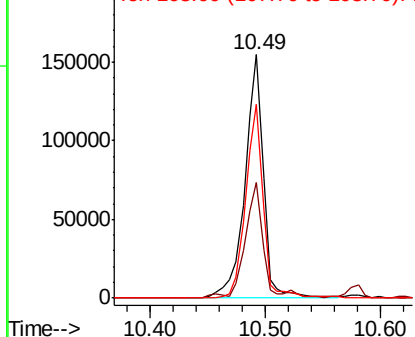


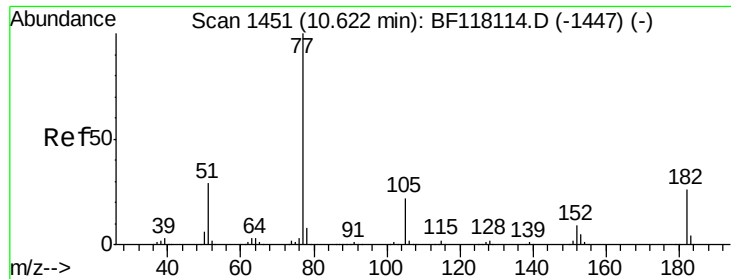
#62
4-Nitroaniline
Concen: 35.041 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:138 Resp: 171953
Ion Ratio Lower Upper
138 100
92 47.7 27.1 67.1
108 79.8 59.0 99.0



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

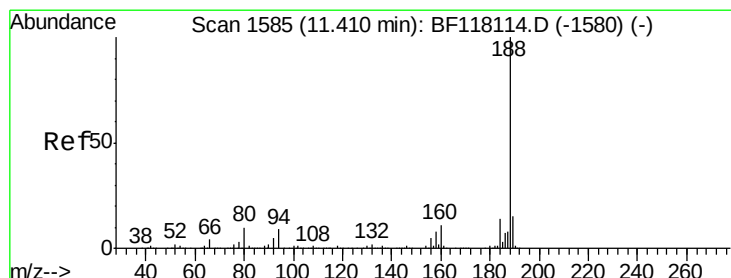
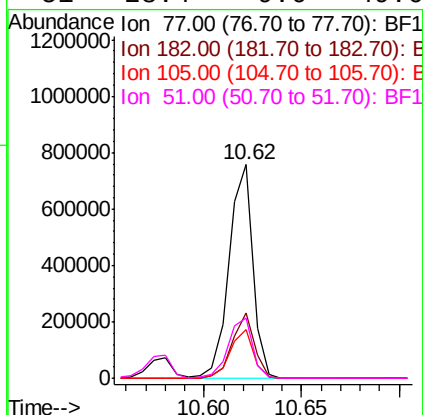
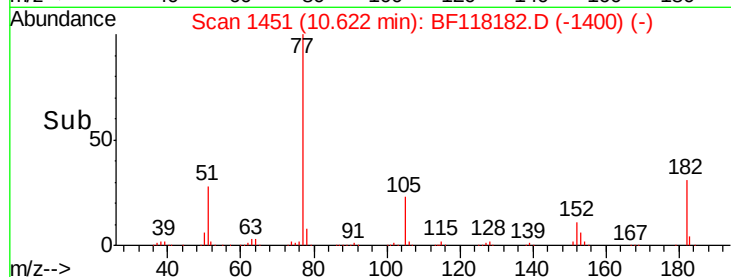
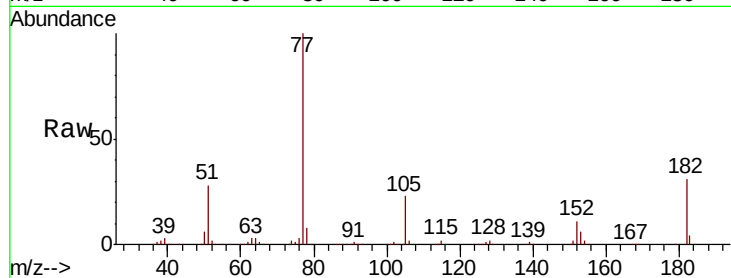




#63
Azobenzene
Concen: 41.259 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

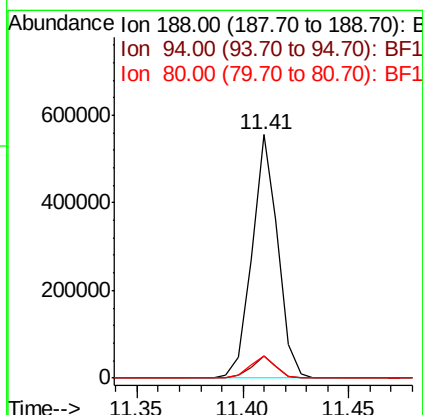
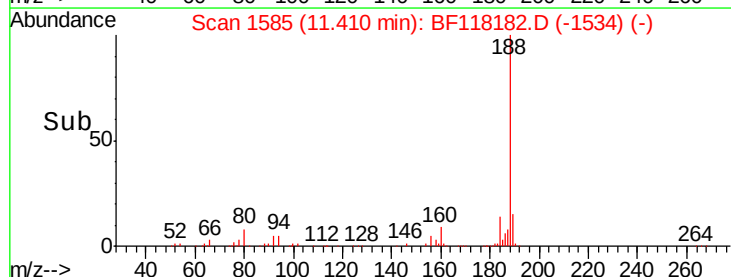
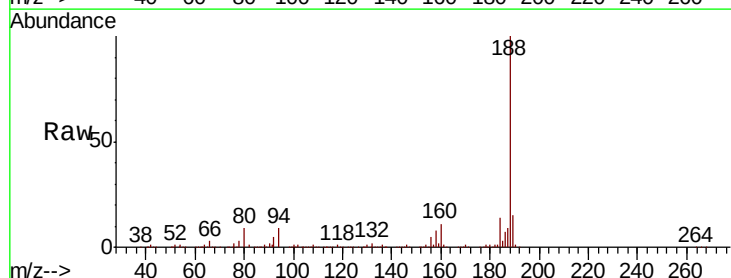
Instrument :
BNA_F
ClientSampled :

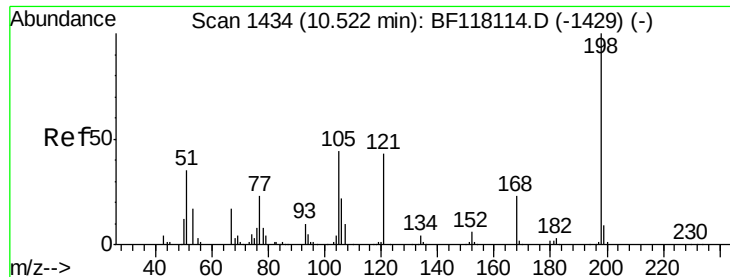
Tot Ion	Ratio	Lower	Upper
77	100		
182	30.7	5.7	45.7
105	23.0	2.2	42.2
51	28.4	9.6	49.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 43.806 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

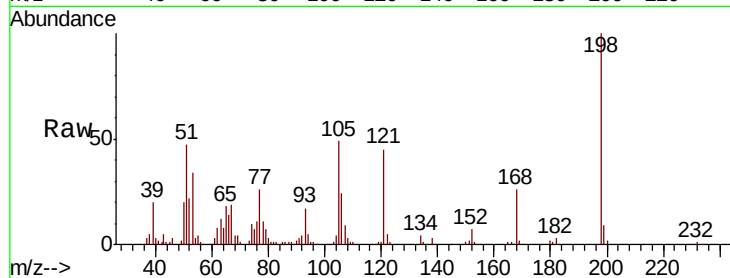
Tot Ion:198 Resp: 113986

Ion Ratio Lower Upper

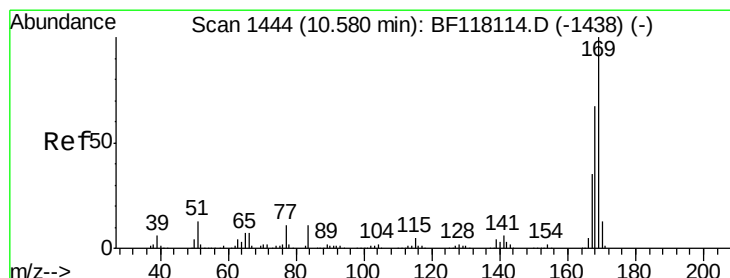
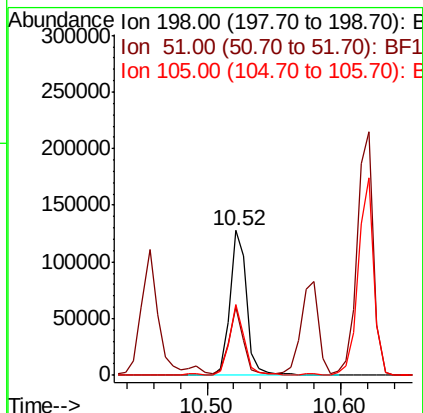
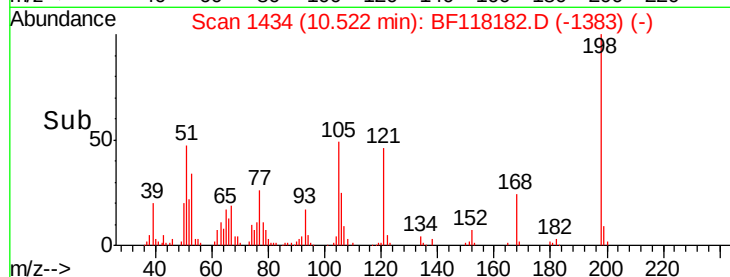
198 100

51 46.8 22.0 62.0

105 49.1 25.6 65.6



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



#66

n-Nitrosodiphenylamine

Concen: 41.029 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

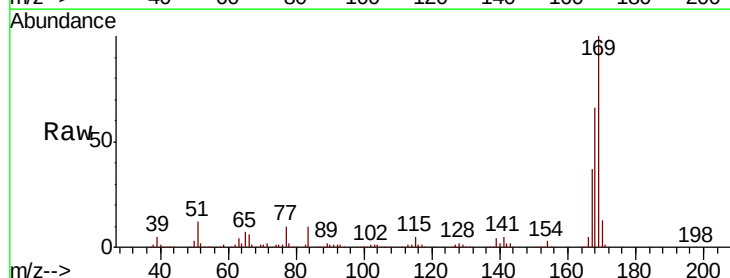
Tgt Ion:169 Resp: 603695

Ion Ratio Lower Upper

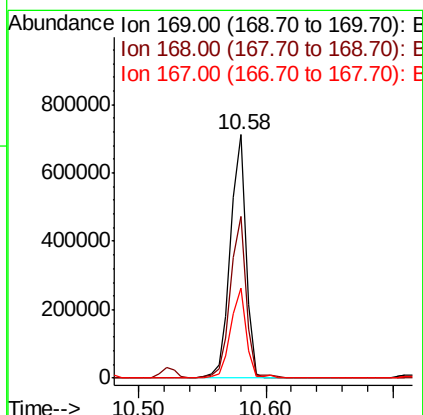
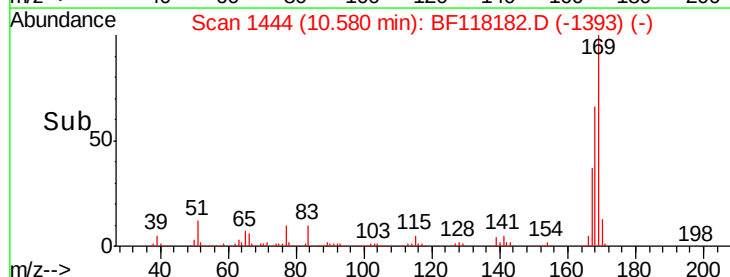
169 100

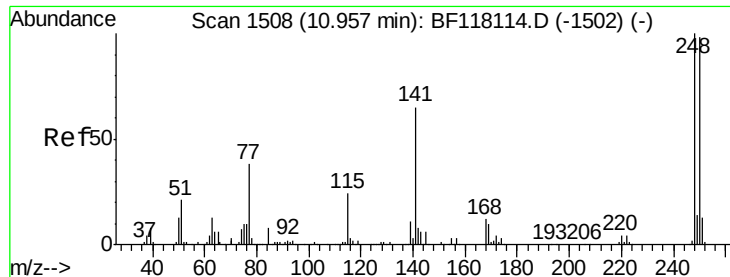
168 66.4 53.4 80.2

167 36.9 28.4 42.6



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

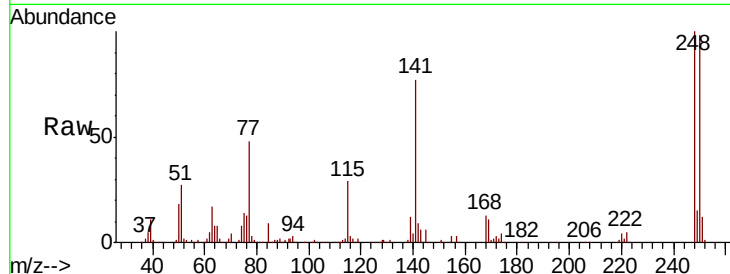




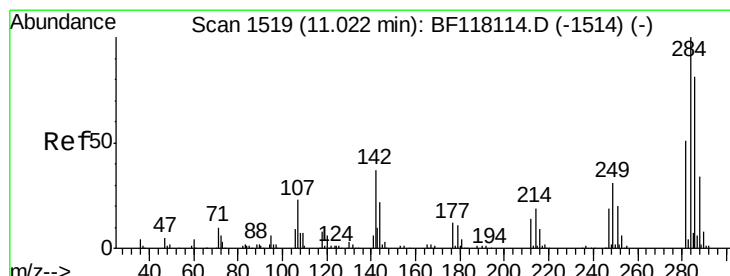
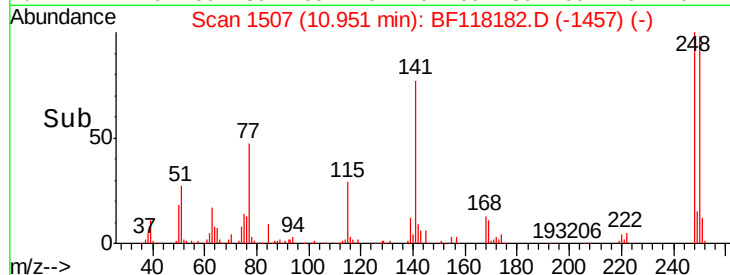
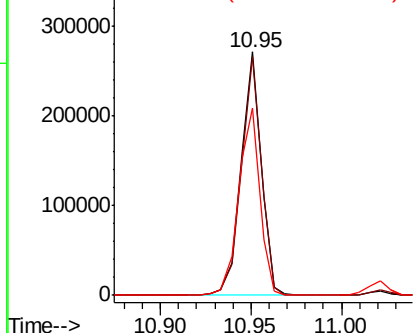
#67
4-Bromophenyl-phenylether
Concen: 39.231 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 211003
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 76.9 52.2 78.4

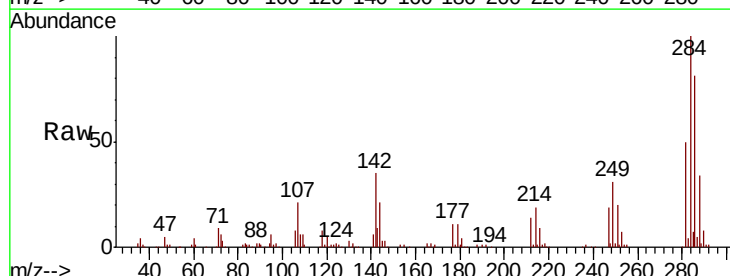


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

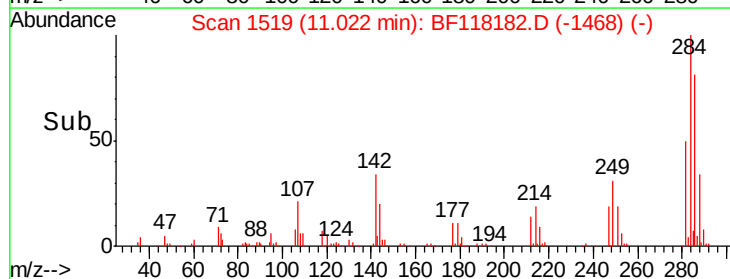
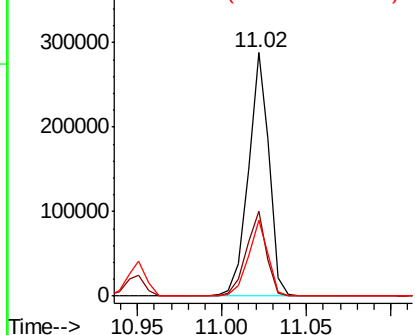


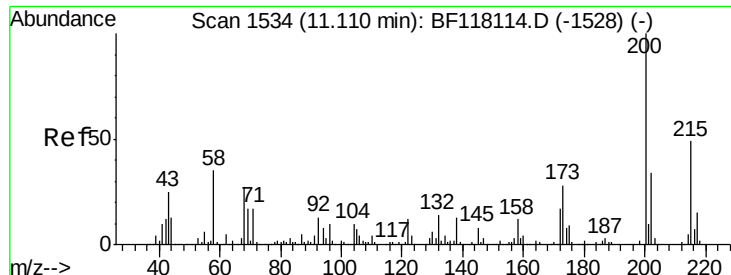
#68
Hexachlorobenzene
Concen: 38.851 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:284 Resp: 245949
Ion Ratio Lower Upper
284 100
142 34.9 29.7 44.5
249 31.1 24.6 37.0



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

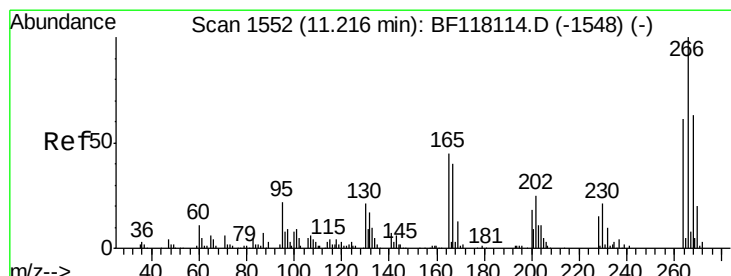
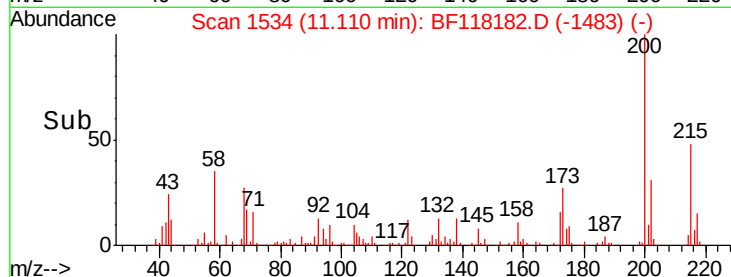
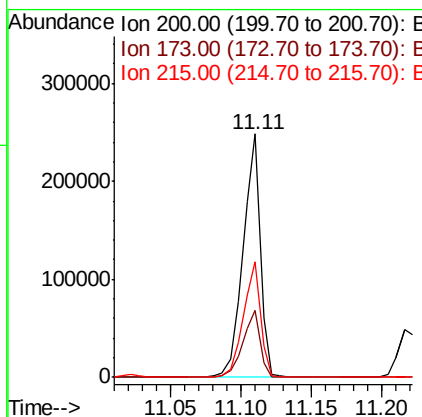
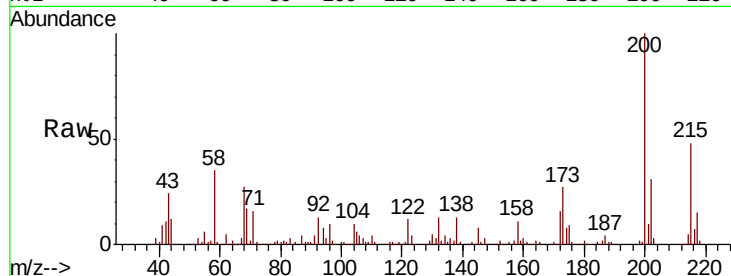




#69
Atrazine
Concen: 62.459 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

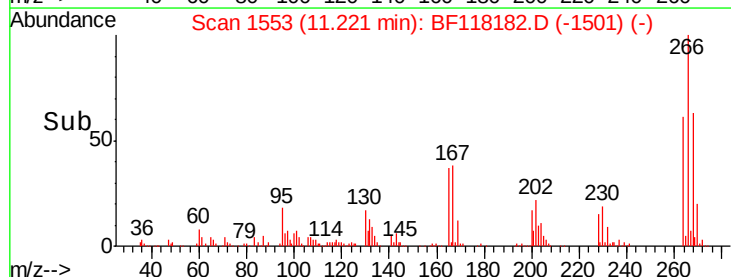
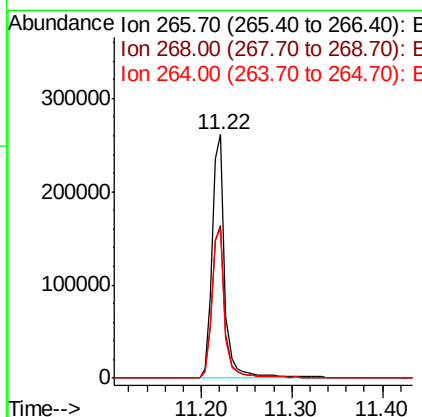
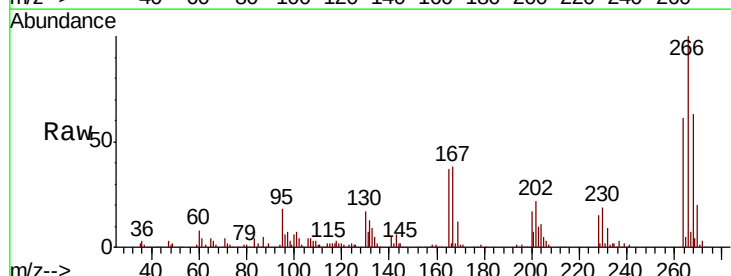
Instrument :
BNA_F
ClientSampleId :

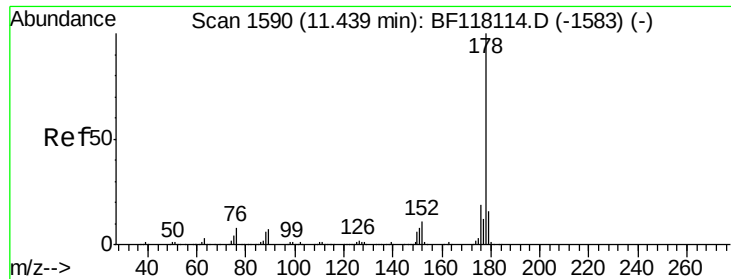
Tot Ion:200 Resp: 211713
Ion Ratio Lower Upper
200 100
173 27.5 8.1 48.1
215 47.6 29.0 69.0



#70
Pentachlorophenol
Concen: 87.723 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:266 Resp: 261159
Ion Ratio Lower Upper
266 100
268 62.8 50.7 76.1
264 61.4 48.7 73.1





#71

Phenanthrene

Concen: 40.223 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

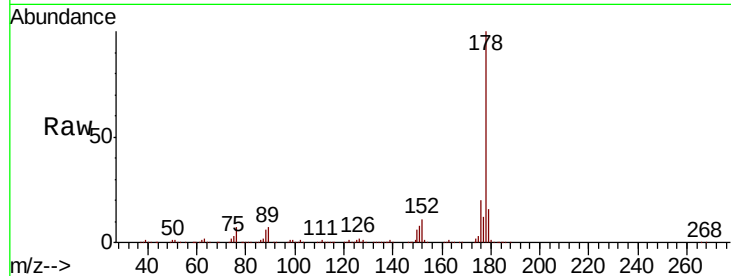
Tot Ion:178 Resp: 1007466

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

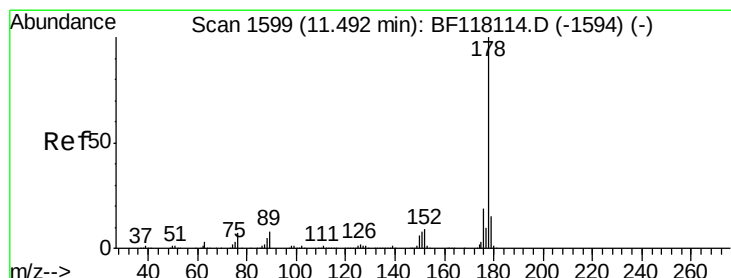
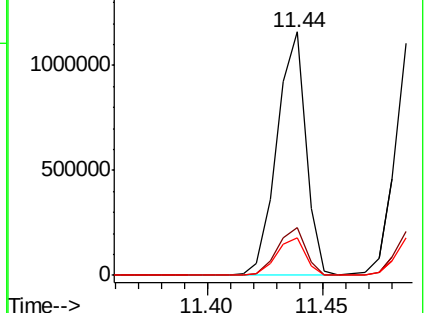
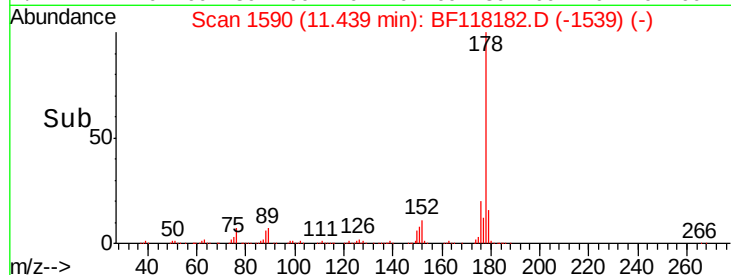
179 15.7 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.948 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

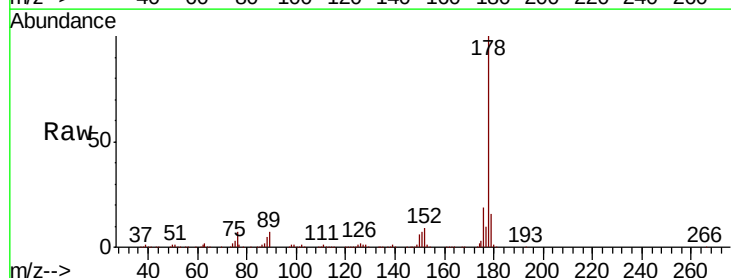
Tgt Ion:178 Resp: 1073086

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

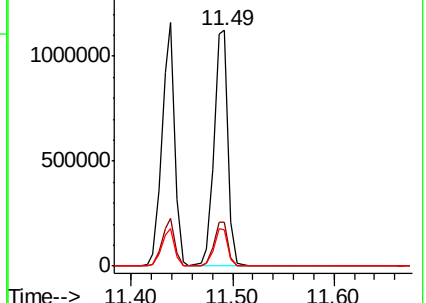
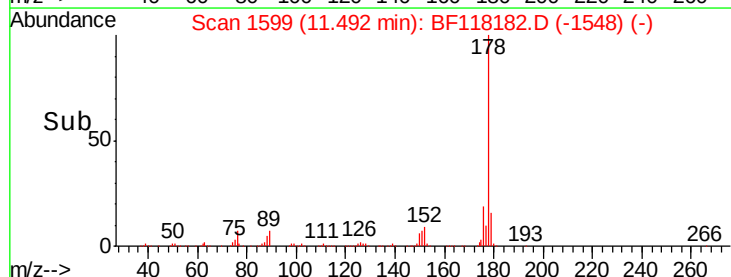
179 15.5 12.2 18.4

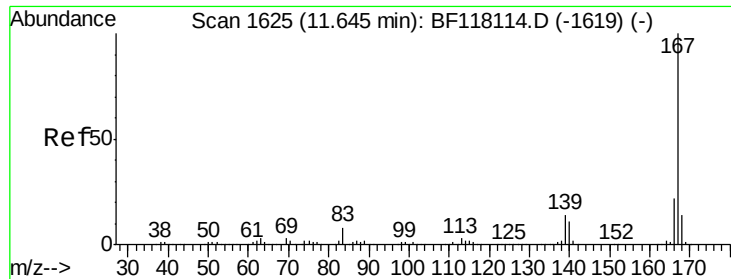


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

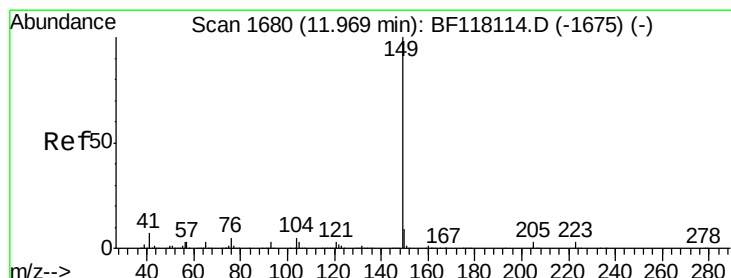
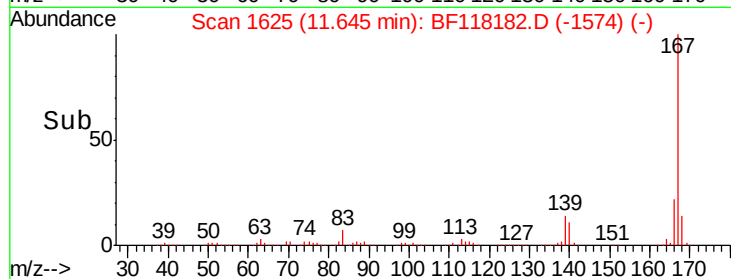
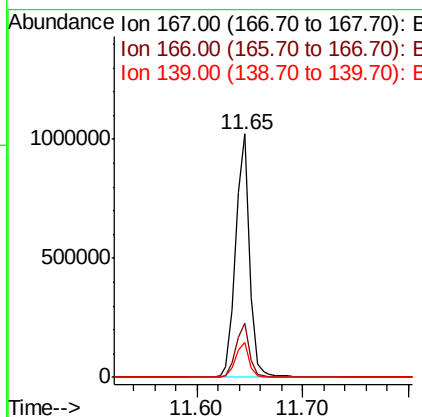
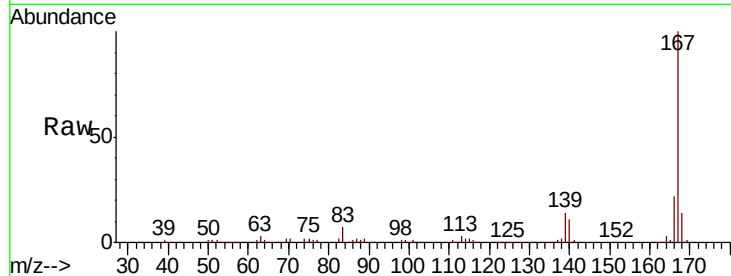




#73
 Carbazole
 Concen: 40.889 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

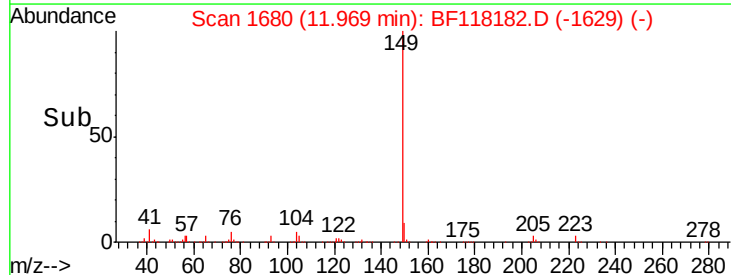
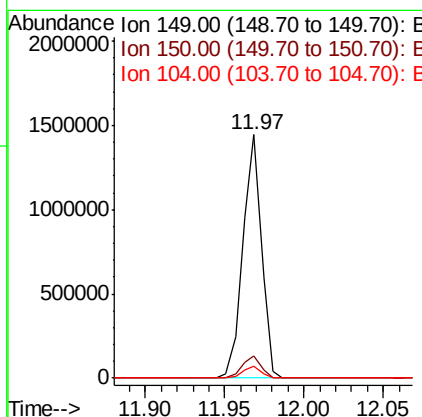
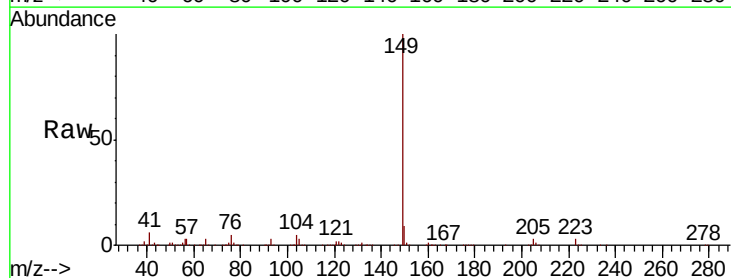
Instrument :
 BNA_F
 ClientSampleId :

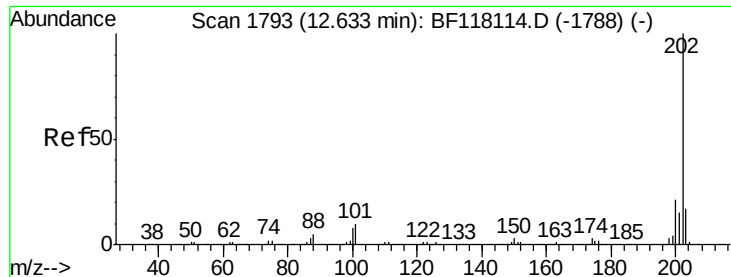
Tot Ion:167 Resp: 916638
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 14.1 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 41.747 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion:149 Resp: 1171258
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.8 4.3 6.5

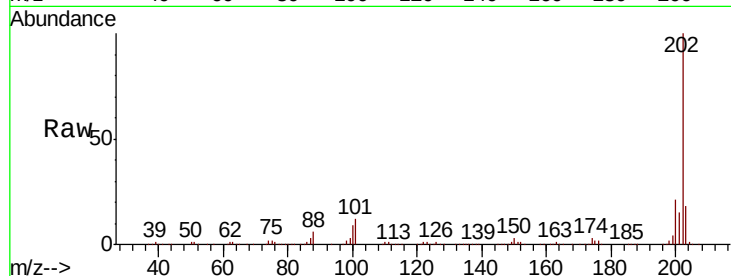




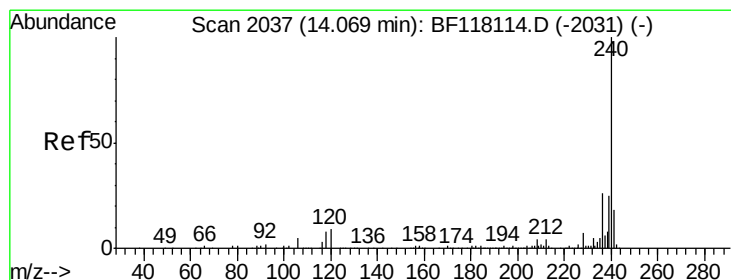
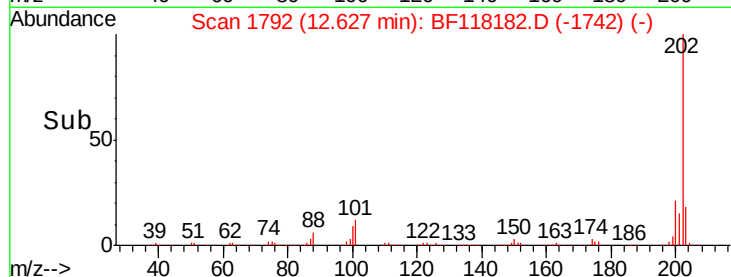
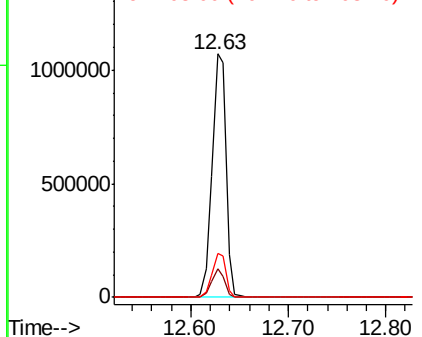
#75
Fluoranthene
Concen: 41.484 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1062313
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.4
203 18.3 0.0 37.2

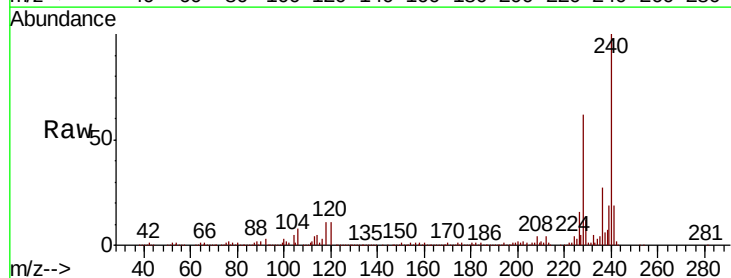


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

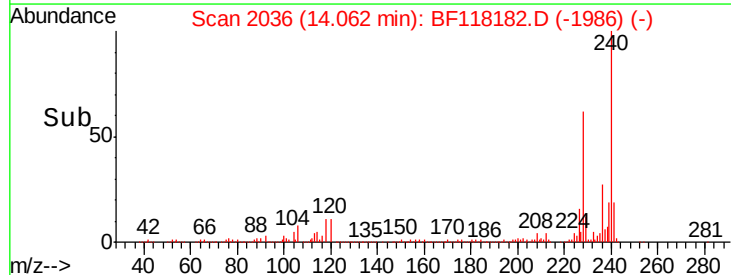
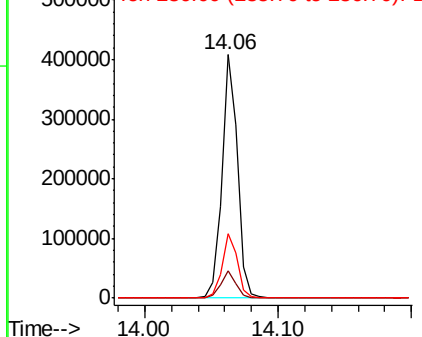


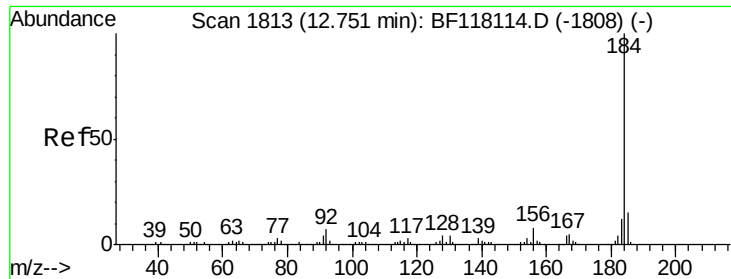
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:240 Resp: 335109
Ion Ratio Lower Upper
240 100
120 11.4 7.1 10.7#
236 26.6 21.0 31.6



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: 55.003 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

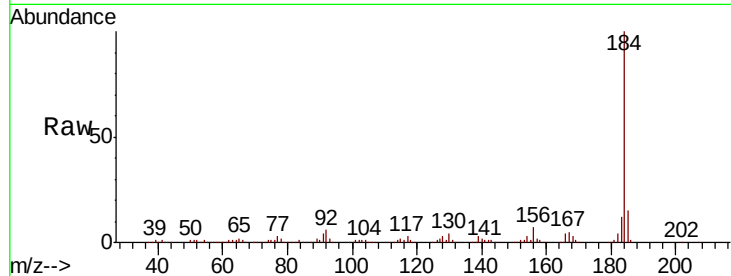
Tot Ion:184 Resp: 485225

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

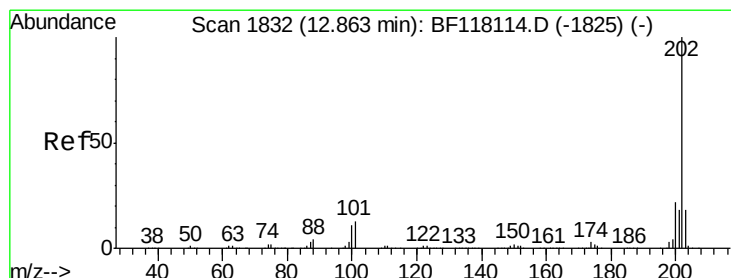
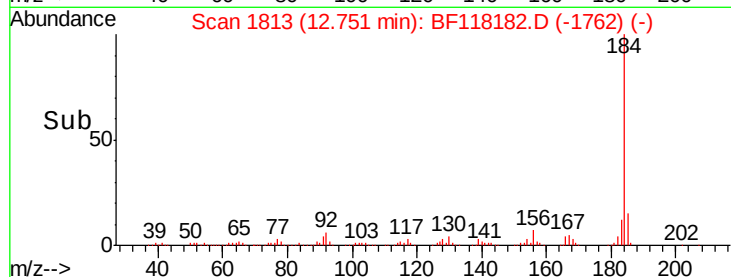
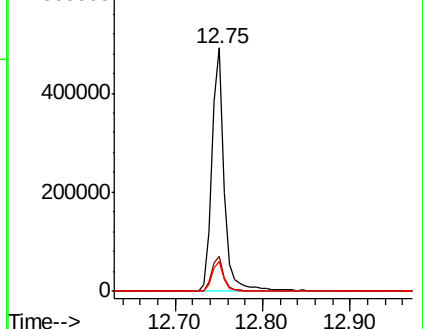
183 12.1 9.9 14.9



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: 40.575 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

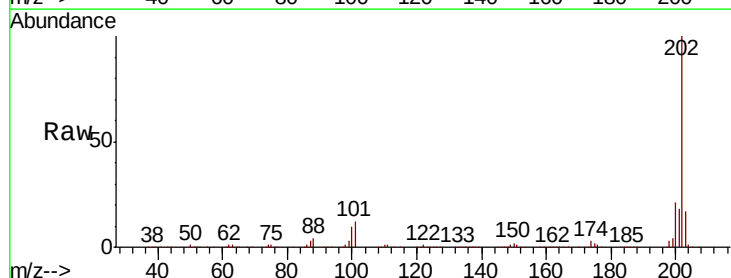
Tgt Ion:202 Resp: 1071517

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

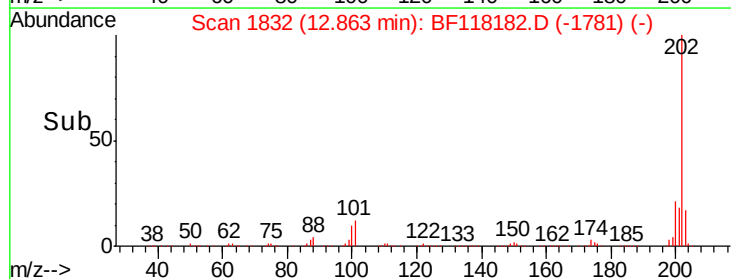
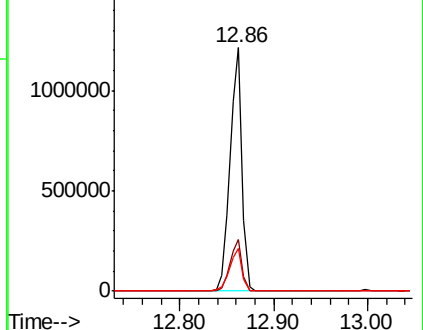
203 17.5 14.6 21.8

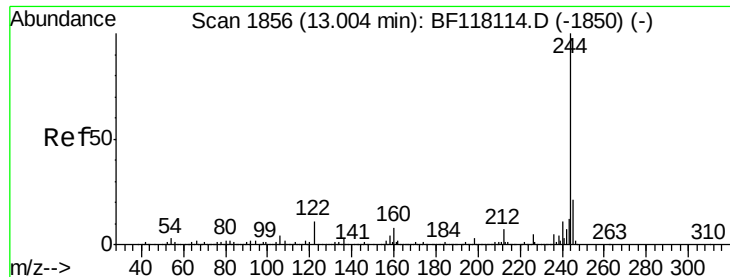


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.507 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

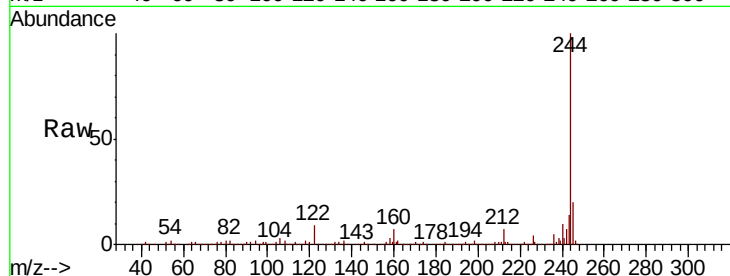
Tot Ion:244 Resp: 1529881

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

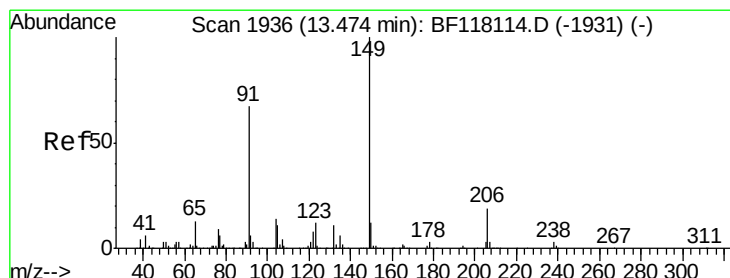
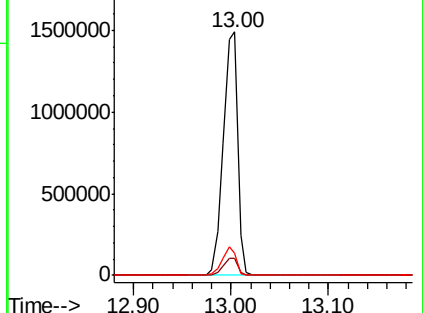
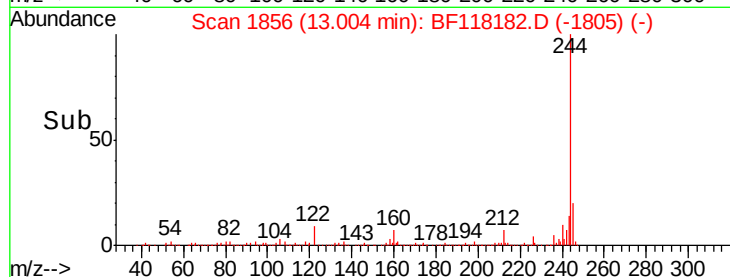
122 9.0 9.0 13.6#



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: 40.856 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

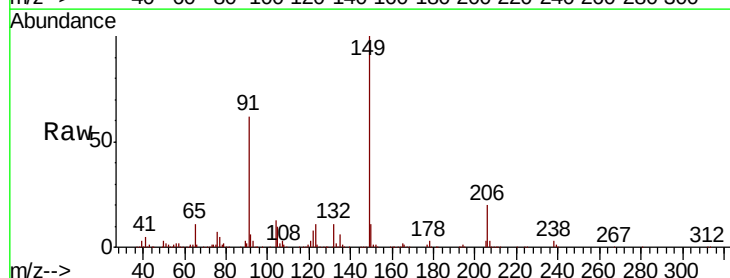
Tgt Ion:149 Resp: 488632

Ion Ratio Lower Upper

149 100

91 62.2 53.9 80.9

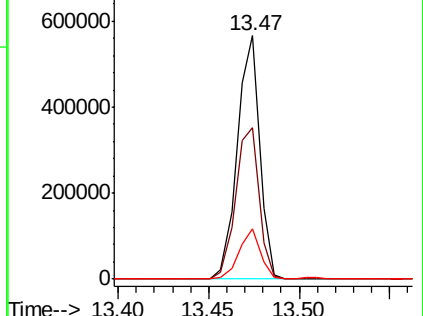
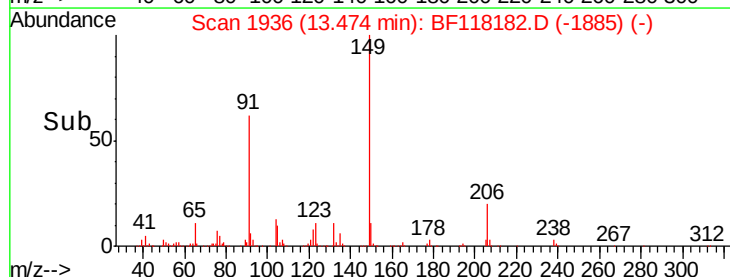
206 20.5 15.2 22.8

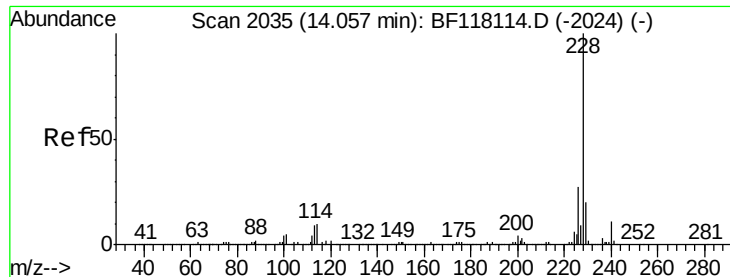


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.537 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampled :

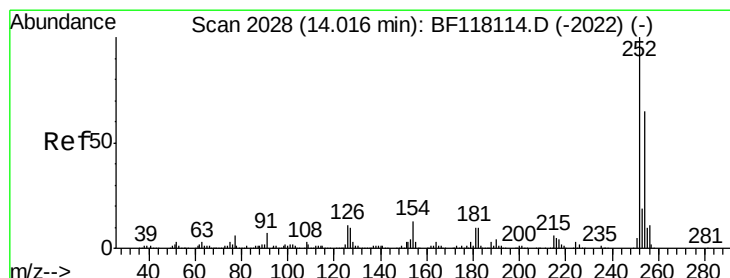
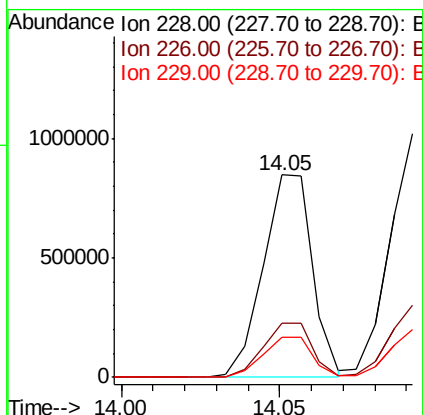
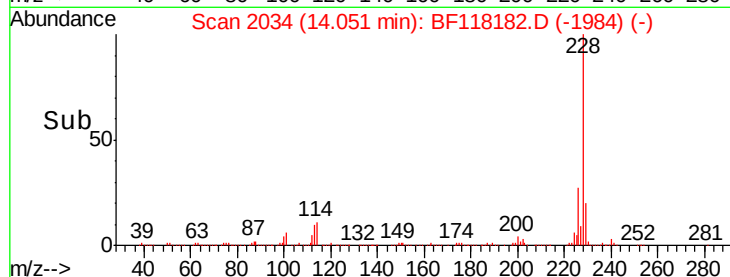
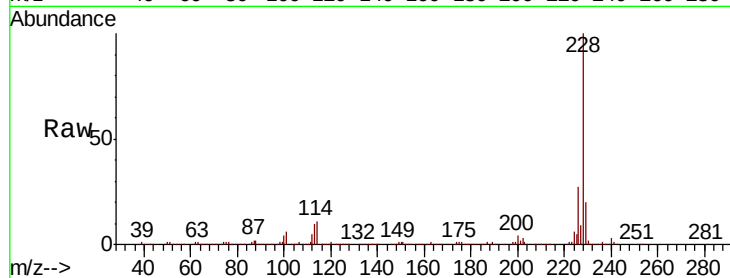
Tot Ion:228 Resp: 916138

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 20.1 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 29.594 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

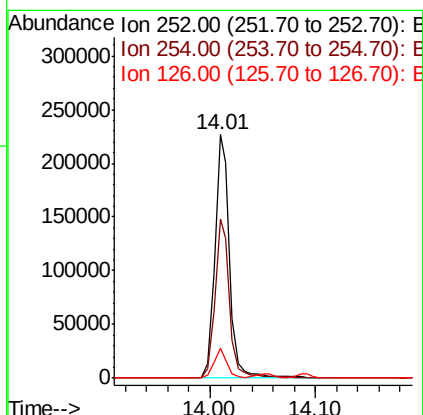
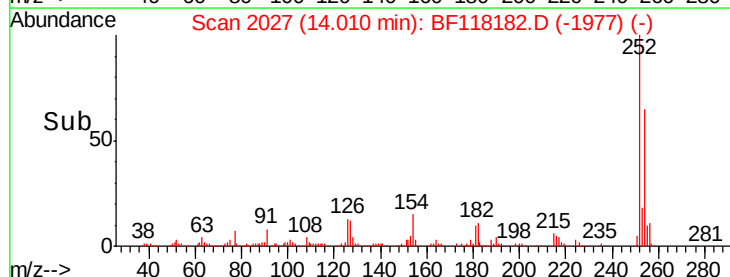
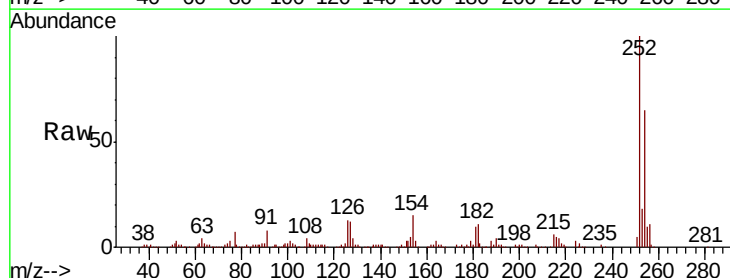
Tgt Ion:252 Resp: 225214

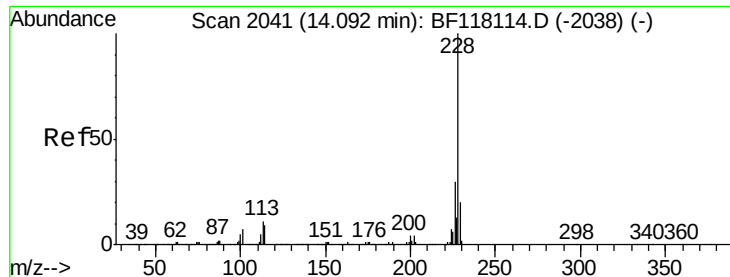
Ion Ratio Lower Upper

252 100

254 65.4 52.2 78.4

126 12.5 8.6 13.0

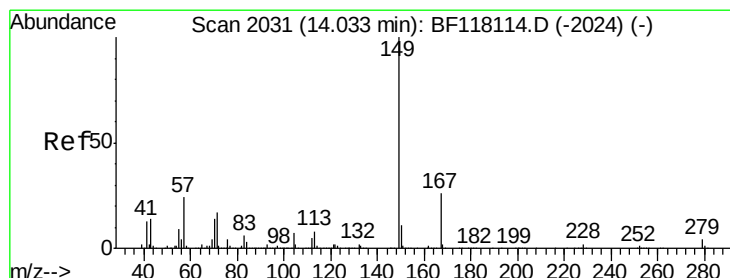
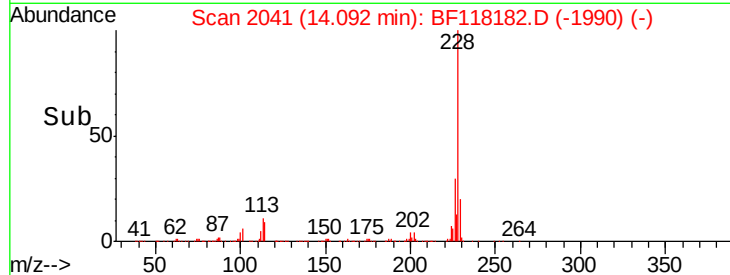
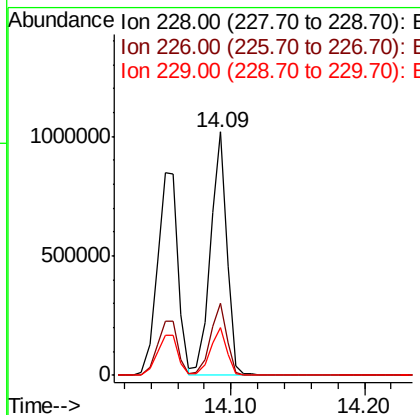
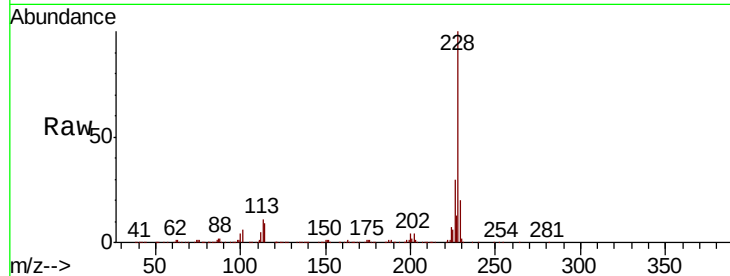




#83
 Chrysene
 Concen: 39.486 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

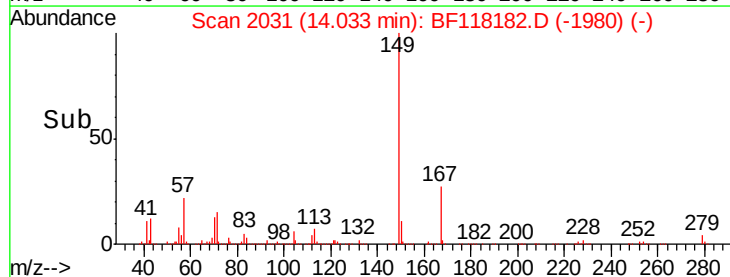
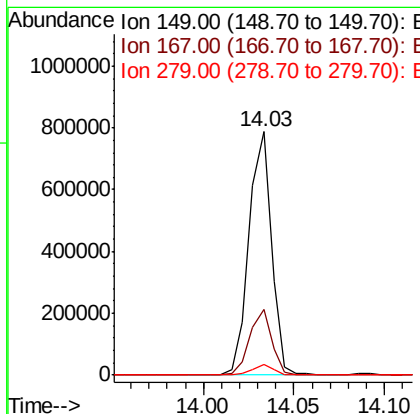
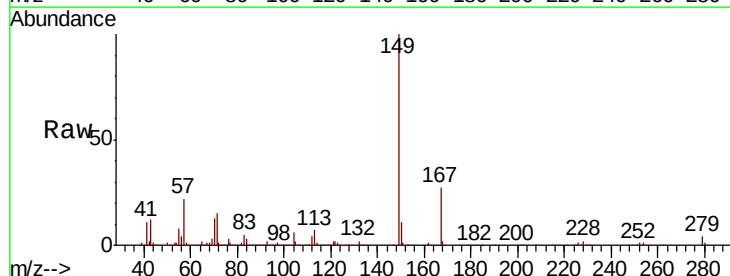
Instrument :
 BNA_F
 ClientSampled :

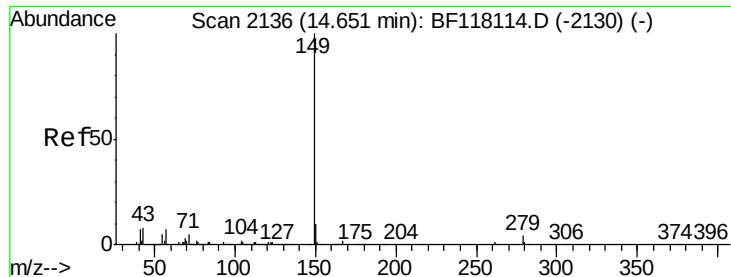
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.7	15.7	23.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.355 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118182.D
 Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.8	31.2
279	4.2	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 43.830 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

Instrument :

BNA_F

ClientSampleId :

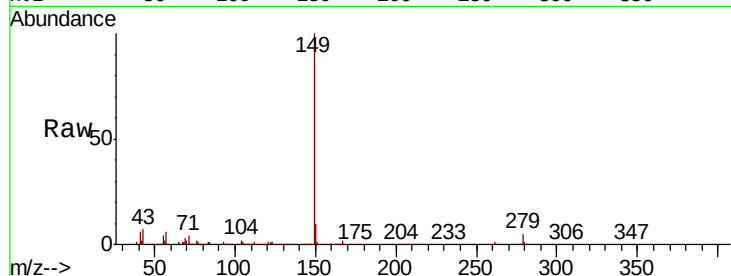
Tot Ion:149 Resp: 1047060

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

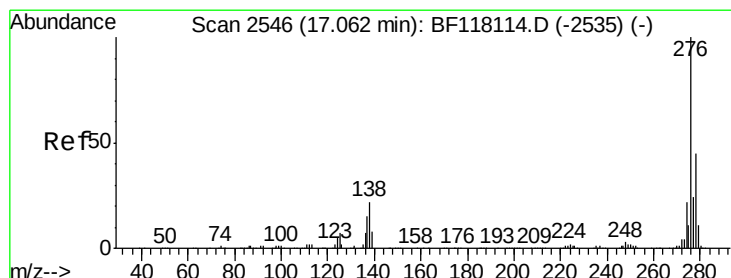
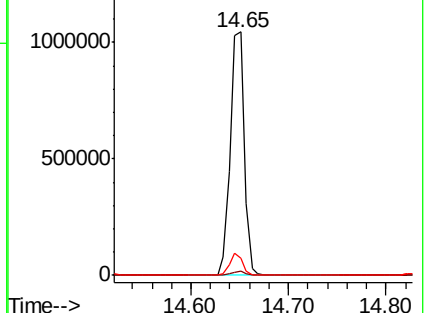
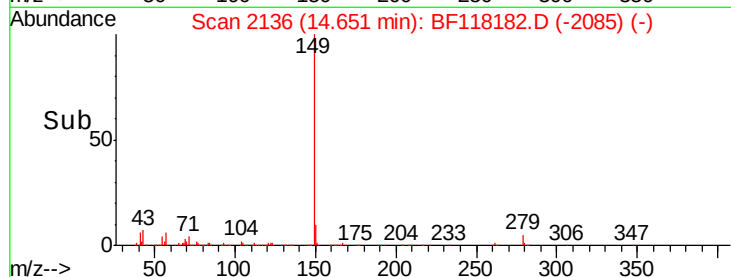
43 8.0 6.5 9.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.256 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.01 min

Lab File: BF118182.D

Acq: 13 Dec 2019 13:17

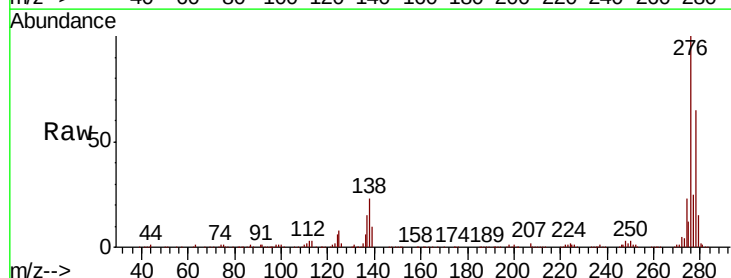
Tgt Ion:276 Resp: 656613

Ion Ratio Lower Upper

276 100

138 23.4 18.9 28.3

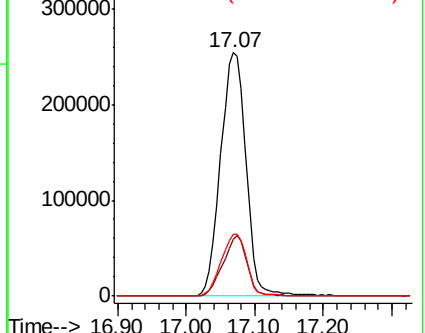
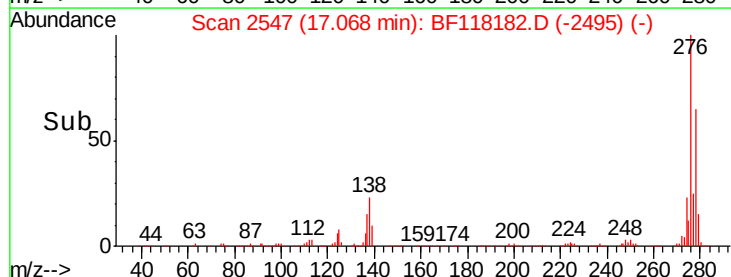
277 25.6 20.4 30.6

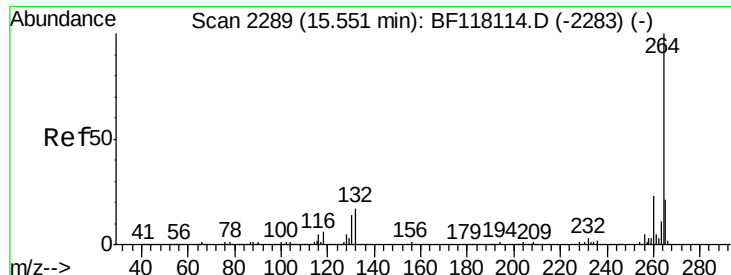


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

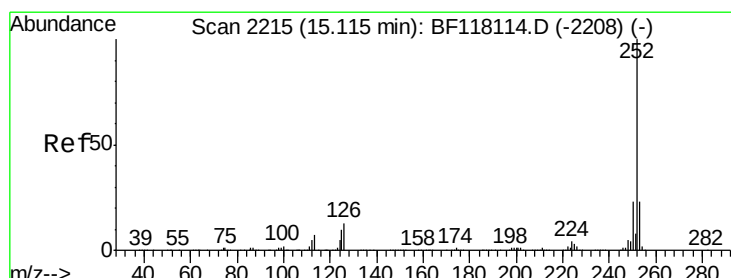
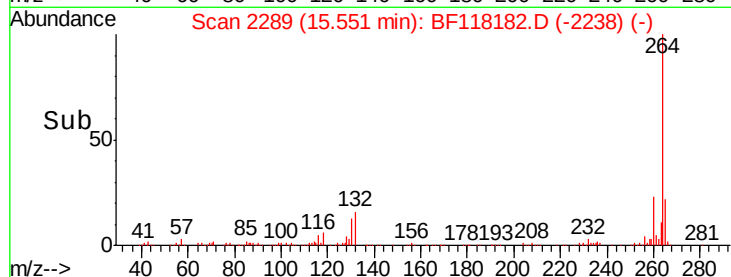
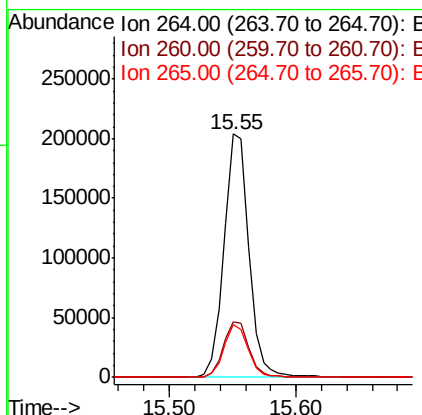
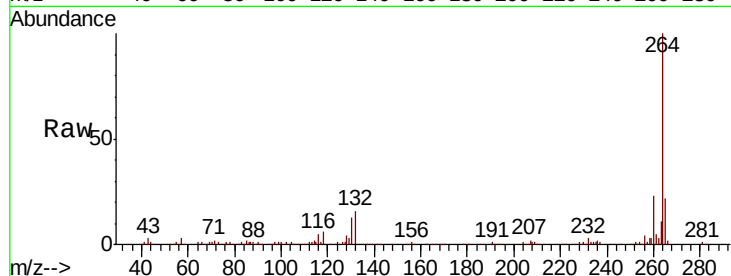




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

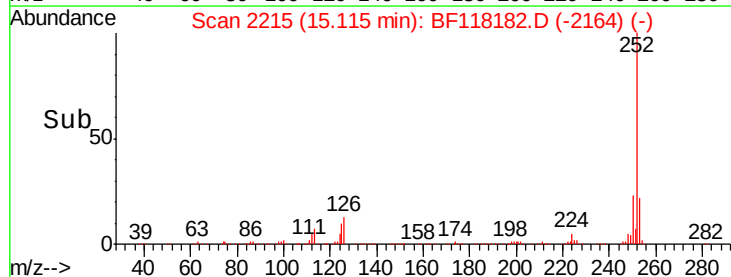
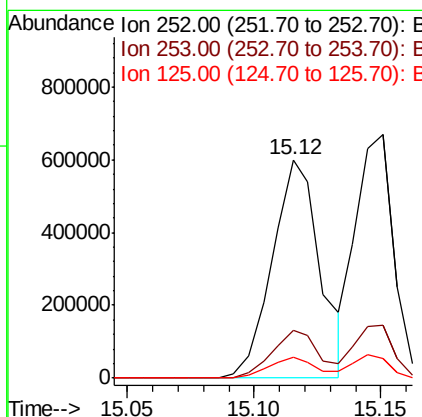
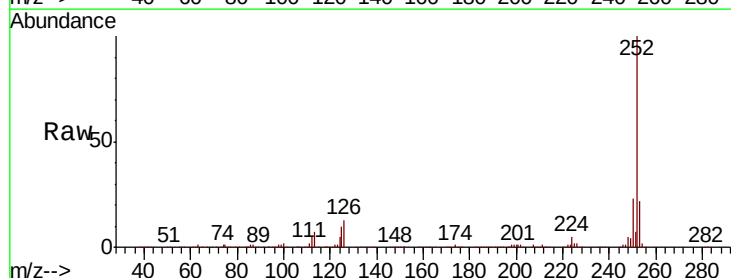
Instrument :
BNA_F
ClientSampled :

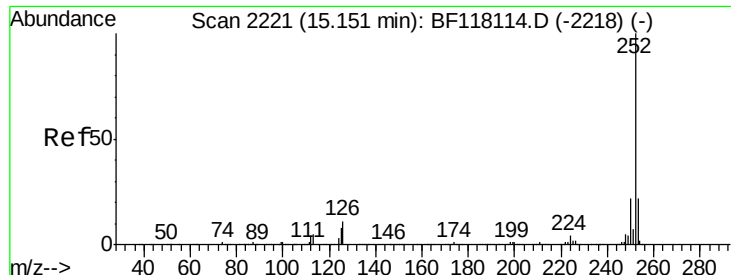
Tot Ion:264 Resp: 277772
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.5 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 43.066 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:252 Resp: 791154
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.8 8.3 12.5

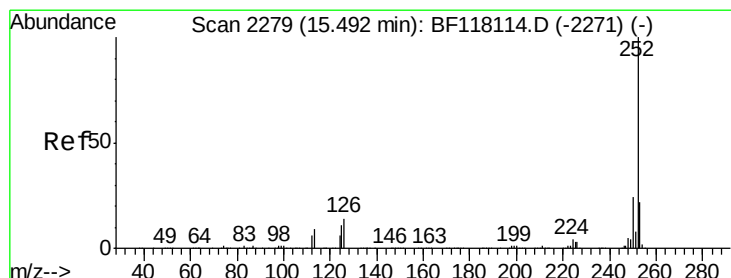
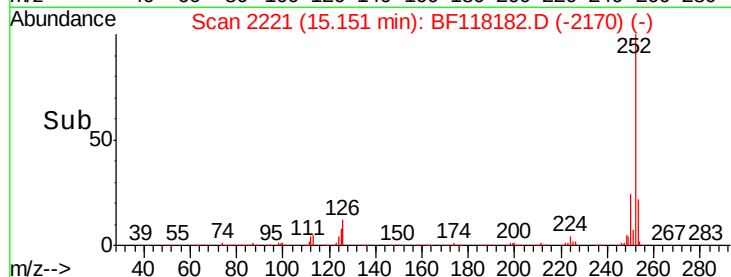
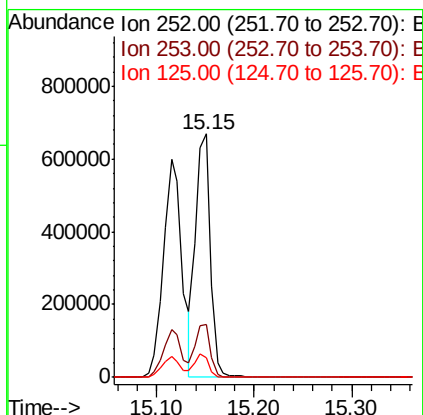
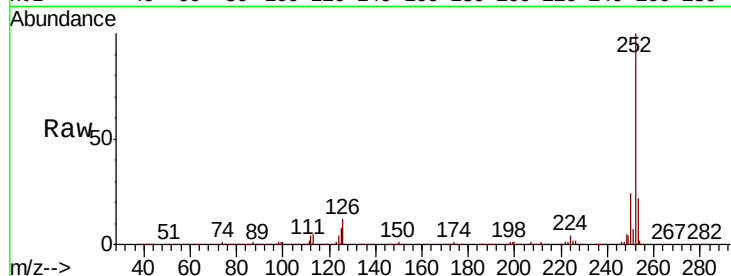




#89
Benzo(k)fluoranthene
Concen: 39.917 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

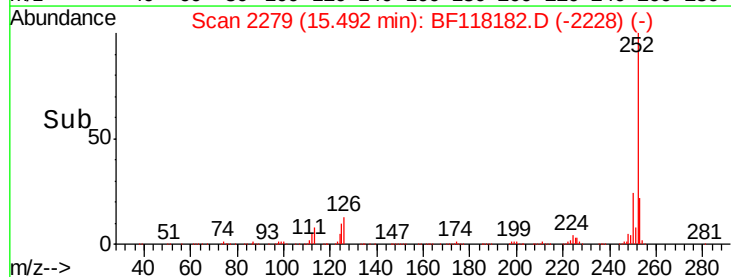
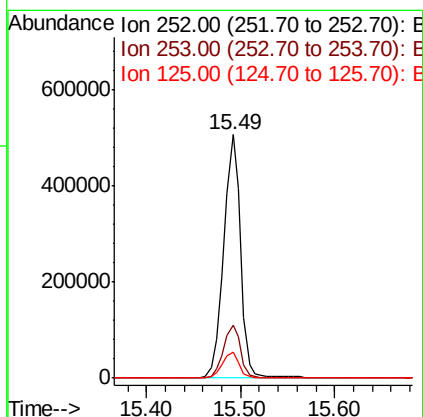
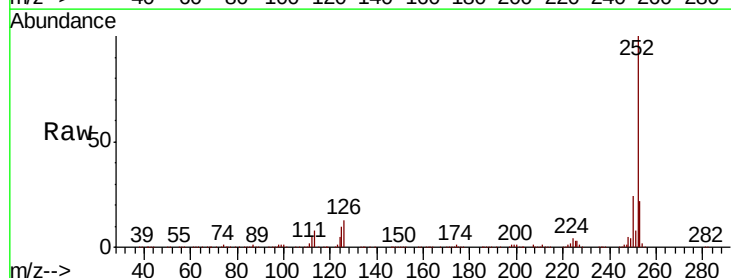
Instrument :
BNA_F
ClientSampleId :

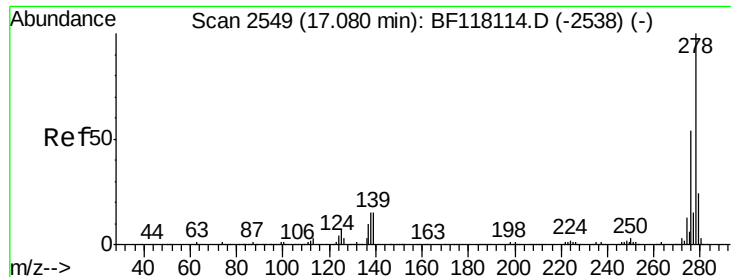
Tot Ion:252 Resp: 704474
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.3 6.7 10.1



#90
Benzo(a)pyrene
Concen: 39.083 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion:252 Resp: 634119
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.5 9.1 13.7

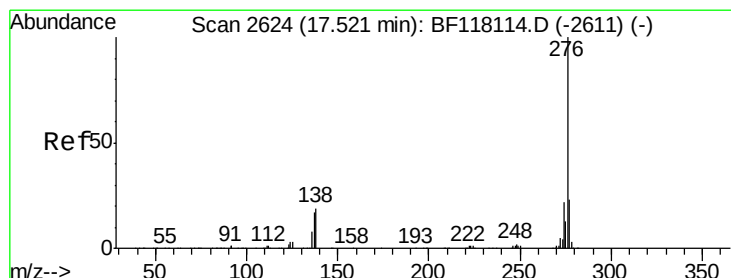
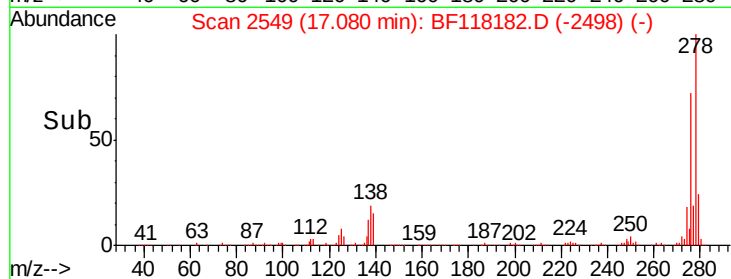
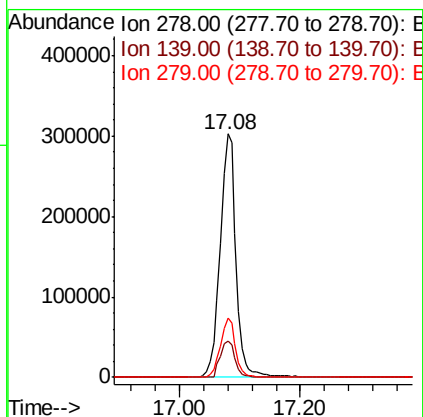
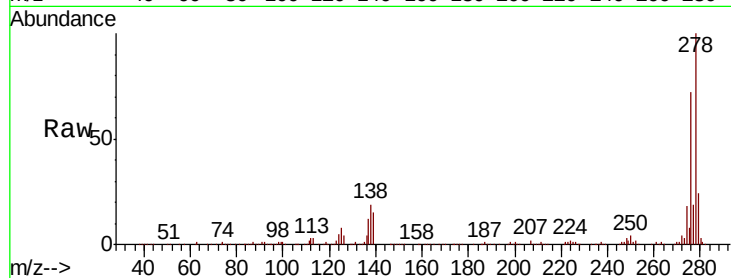




#91
Dibenzo(a,h)anthracene
Concen: 39.383 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.7	17.5
279	24.3	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 38.876 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118182.D
Acq: 13 Dec 2019 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.2	27.4
138	20.2	15.5	23.3

