

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118759.D
 Acq On : 30 Jan 2020 18:52
 Operator : CG/JU
 Sample : L1313-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:09:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	263543	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1009355	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	586032	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1136038	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	830020	20.00	ng	-0.02
87) Perylene-d12	15.46	264	867422	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1410306	99.39	ng	-0.02
7) Phenol-d6	6.47	99	1783567	96.71	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1154914	64.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	701579	103.51	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	2281308	63.98	ng	-0.02
79) Terphenyl-d14	12.95	244	2867563	75.35	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	229972	33.461	ng	100
3) Pyridine	3.39	79	577844	29.830	ng	99
4) n-Nitrosodimethylamine	3.32	42	254735	30.673	ng	97
6) Aniline	6.50	93	602541	24.811	ng	100
8) 2-Chlorophenol	6.62	128	682398	42.845	ng	100
9) Benzaldehyde	6.39	77	324581	28.938	ng	98
10) Phenol	6.48	94	824883	39.246	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	617078	39.571	ng	97
12) 1,3-Dichlorobenzene	6.78	146	747191	40.081	ng	98
13) 1,4-Dichlorobenzene	6.86	146	751755	40.172	ng	100
14) 1,2-Dichlorobenzene	7.01	146	701819	39.895	ng	99
15) Benzyl Alcohol	6.98	79	574054	39.249	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	724872	33.372	ng	99
17) 2-Methylphenol	7.09	107	549321	41.405	ng	99
18) Hexachloroethane	7.36	117	258308	38.067	ng	95
19) n-Nitroso-di-n-propylamine	7.25	70	442096	35.500	ng	98
20) 3+4-Methylphenols	7.25	107	659602	40.722	ng	91
22) Acetophenone	7.25	105	863624	36.119	ng	96
24) Nitrobenzene	7.42	77	673161	36.432	ng	95
25) Isophorone	7.66	82	1246147	37.861	ng	99
26) 2-Nitrophenol	7.74	139	368618	46.782	ng	96
27) 2,4-Dimethylphenol	7.77	122	585030	42.997	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	775585	36.571	ng	99
29) 2,4-Dichlorophenol	7.98	162	599030	39.826	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	671616	38.510	ng	99
31) Naphthalene	8.15	128	1911960	41.933	ng	100
32) Benzoic acid	7.89	122	407072	39.864	ng	97
33) 4-Chloroaniline	8.19	127	238353	11.310	ng	98
34) Hexachlorobutadiene	8.27	225	394398	37.135	ng	99
35) Caprolactam	8.55	113	118054	23.984	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	617379	41.565	ng	99
37) 2-Methylnaphthalene	8.84	142	1364926	42.410	ng	99
38) 1-Methylnaphthalene	8.94	142	1271068	41.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	657671	35.867	ng	99

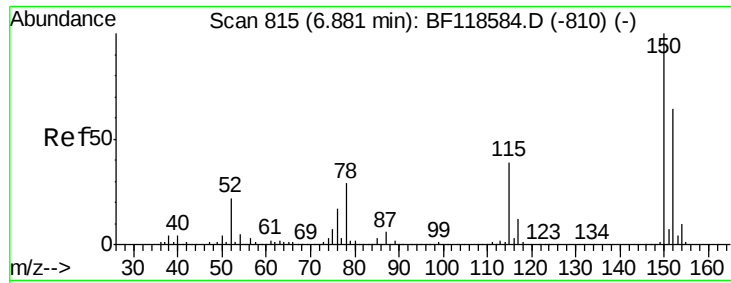
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	708956	76.632	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	471873	38.780	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	499730	40.213	ng	98
46) 1,1'-Biphenyl	9.30	154	1620149	40.113	ng	99
47) 2-Chloronaphthalene	9.33	162	1294868	38.036	ng	98
48) 2-Nitroaniline	9.42	65	361368	34.532	ng	99
49) Acenaphthylene	9.75	152	2032968	42.449	ng	99
50) Dimethylphthalate	9.60	163	1739616	45.563	ng	100
51) 2,6-Dinitrotoluene	9.66	165	372378	43.554	ng	100
52) Acenaphthene	9.92	154	1378405	43.043	ng	100
53) 3-Nitroaniline	9.82	138	190410	19.504	ng	99
54) 2,4-Dinitrophenol	9.93	184	337176	98.784	ng	# 90
55) Dibenzofuran	10.09	168	1838305	41.423	ng	99
56) 4-Nitrophenol	9.99	139	608014	82.500	ng	97
57) 2,4-Dinitrotoluene	10.06	165	501551	46.534	ng	97
58) Fluorene	10.43	166	1405416	40.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	440007	40.256	ng	100
60) Diethylphthalate	10.30	149	1556526	42.047	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	746396	39.390	ng	97
62) 4-Nitroaniline	10.44	138	359149	35.864	ng	100
63) Azobenzene	10.58	77	1376948	38.407	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	266203	53.289	ng	100
66) n-Nitrosodiphenylamine	10.54	169	1329952	38.819	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	529372	37.717	ng	98
68) Hexachlorobenzene	10.98	284	587598	36.927	ng	99
69) Atrazine	11.06	200	503751	42.422	ng	99
70) Pentachlorophenol	11.17	266	626837	70.853	ng	99
71) Phenanthrene	11.39	178	2237999	40.834	ng	100
72) Anthracene	11.45	178	2244751	41.392	ng	99
73) Carbazole	11.59	167	1978668	39.778	ng	100
74) Di-n-butylphthalate	11.93	149	2464703	44.597	ng	100
75) Fluoranthene	12.58	202	2530453	43.775	ng	99
77) Benzidine	12.69	184	1241612	55.985	ng	99
78) Pyrene	12.81	202	2513519	44.605	ng	99
80) Butylbenzylphthalate	13.43	149	1102139	47.790	ng	99
81) Benzo(a)anthracene	14.00	228	2036098	40.779	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	421497	23.691	ng	97
83) Chrysene	14.03	228	2088676	43.648	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1524697	54.114	ng	99
85) Di-n-octyl phthalate	14.60	149	2500961	59.967	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2275647	54.730	ng	100
88) Benzo(b)fluoranthene	15.04	252	2229925	40.898	ng	100
89) Benzo(k)fluoranthene	15.07	252	1823405	36.097	ng	100
90) Benzo(a)pyrene	15.40	252	1836978	39.056	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1867909	44.897	ng	99
92) Benzo(g,h,i)perylene	17.36	276	1939615	48.016	ng	98

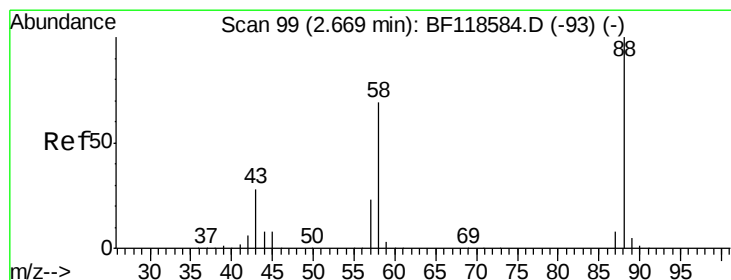
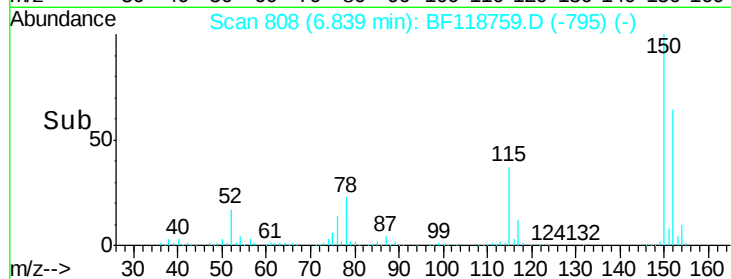
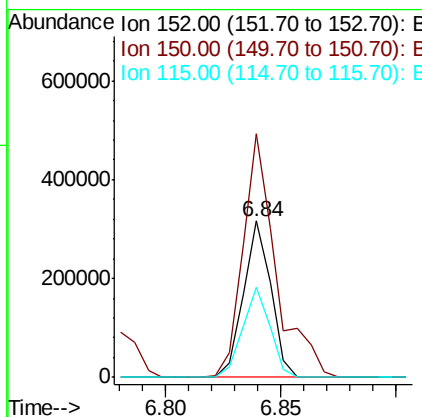
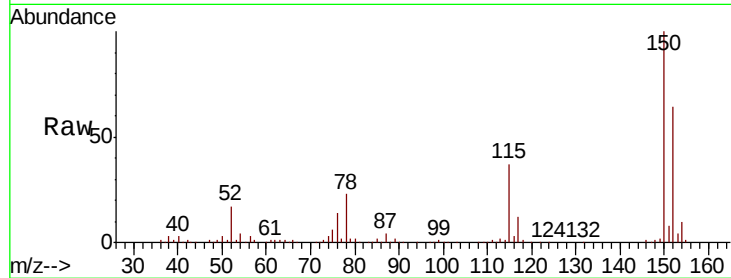
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

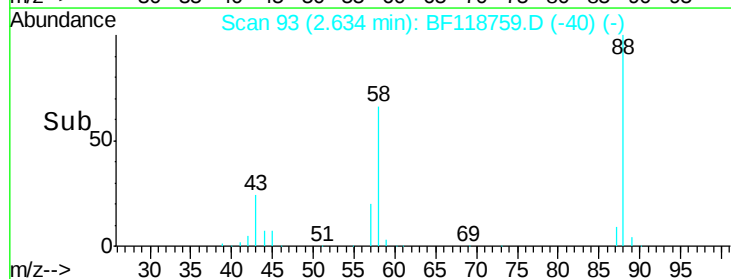
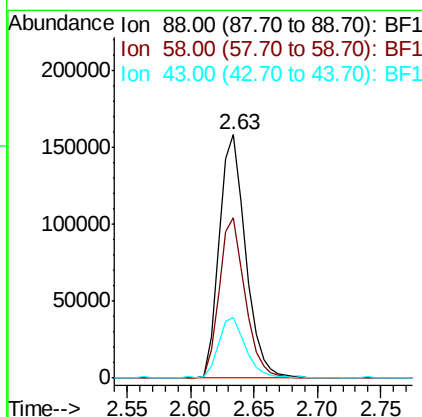
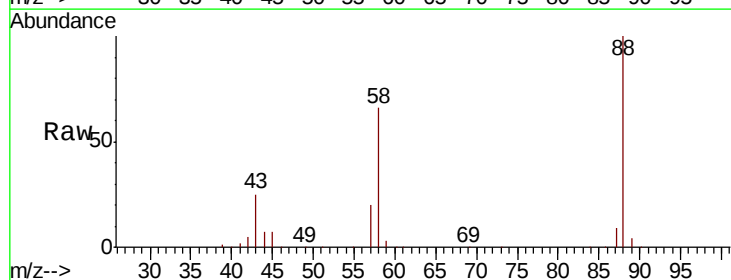
Instrument :
 BNA_F
 ClientSampleId :

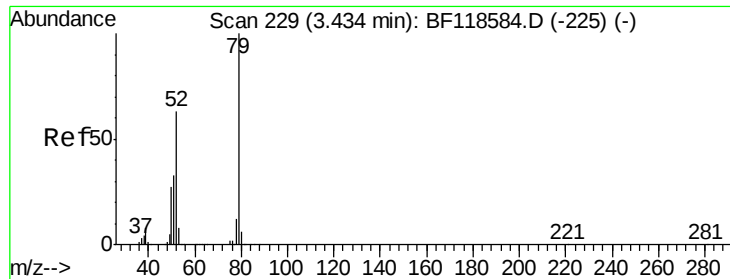
Tot Ion:152 Resp: 263543
 Ion Ratio Lower Upper
 152 100
 150 155.9 123.7 185.5
 115 57.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 33.461 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion: 88 Resp: 229972
 Ion Ratio Lower Upper
 88 100
 58 64.7 51.9 77.9
 43 24.6 19.3 28.9





#3

Pvridine

Concen: 29.830 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

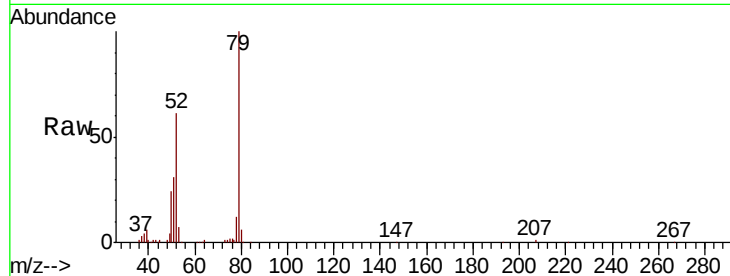
Tot Ion: 79 Resp: 577844

Ion Ratio Lower Upper

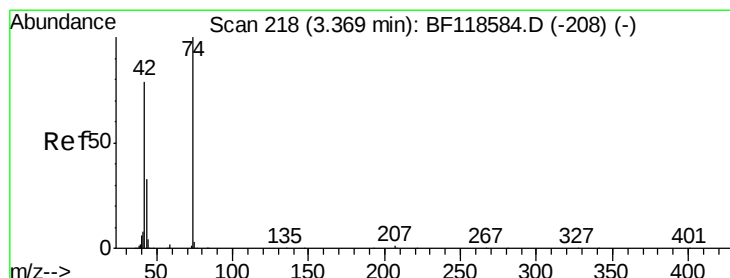
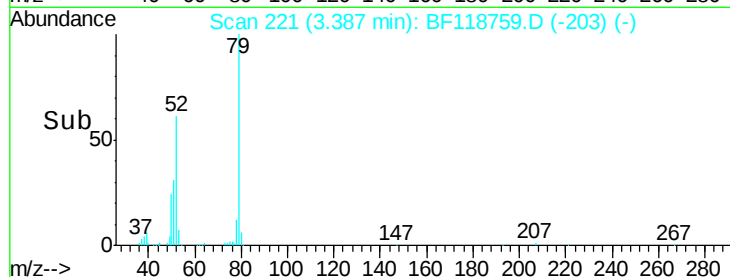
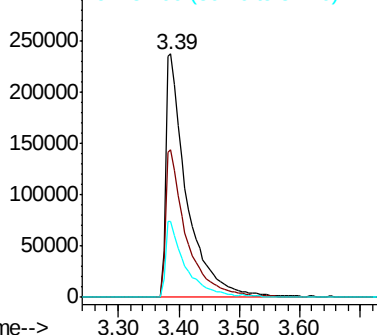
79 100

52 60.6 48.8 73.2

51 31.0 24.4 36.6



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



#4

n-Nitrosodimethylamine

Concen: 30.673 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

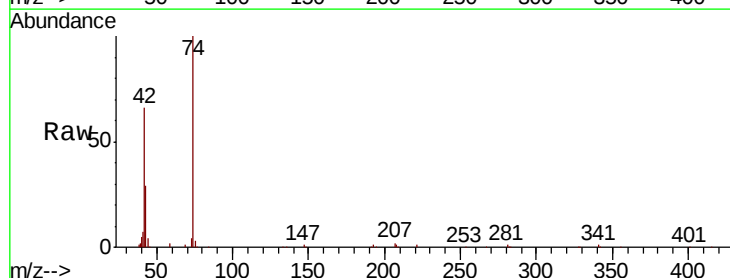
Tgt Ion: 42 Resp: 254735

Ion Ratio Lower Upper

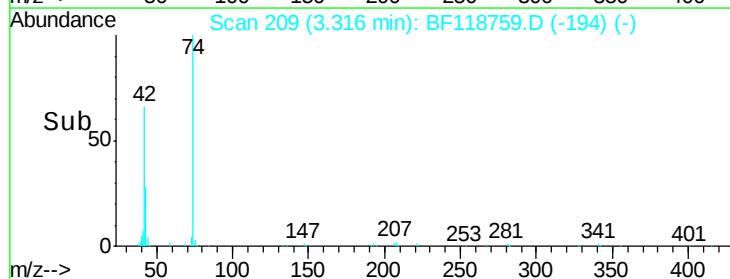
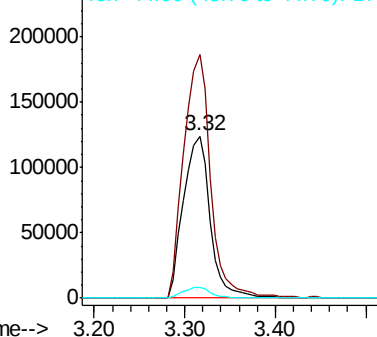
42 100

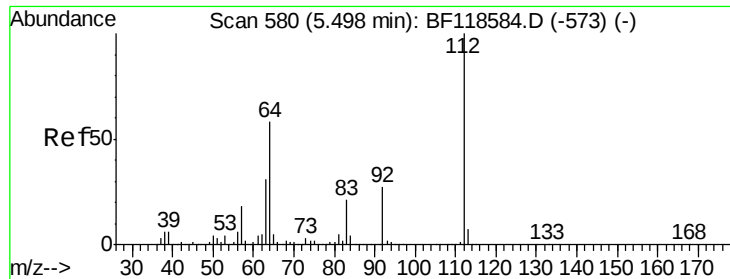
74 150.6 123.5 185.3

44 6.5 5.6 8.4



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

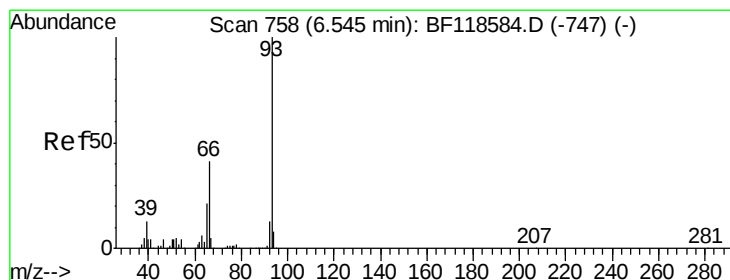
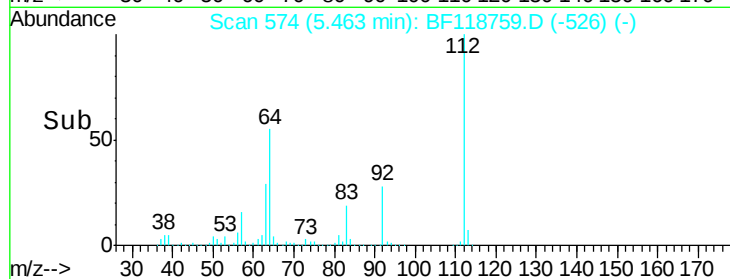
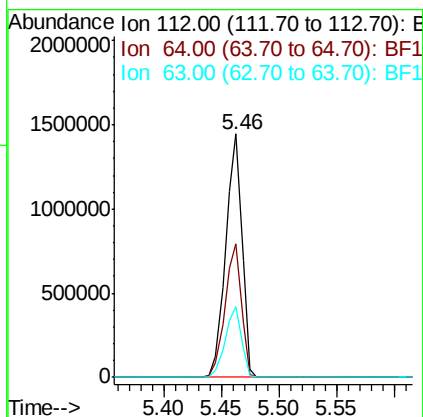
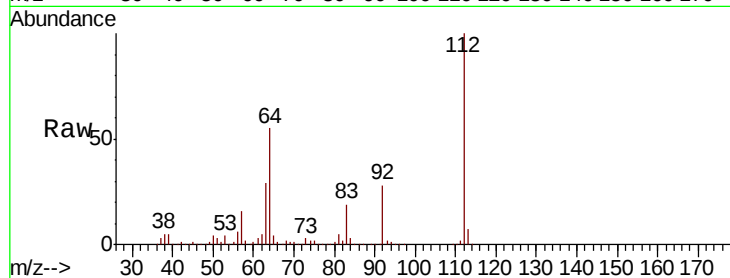




#5
 2-Fluorophenol
 Concen: 99.388 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

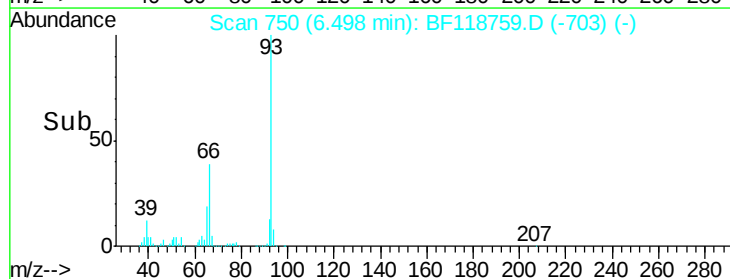
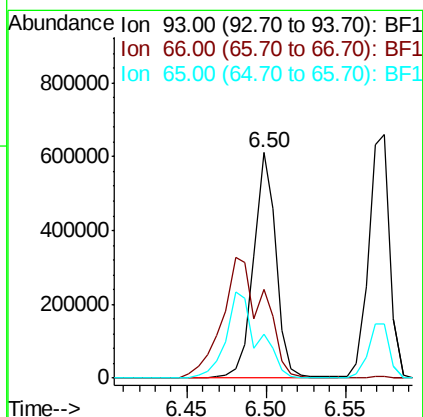
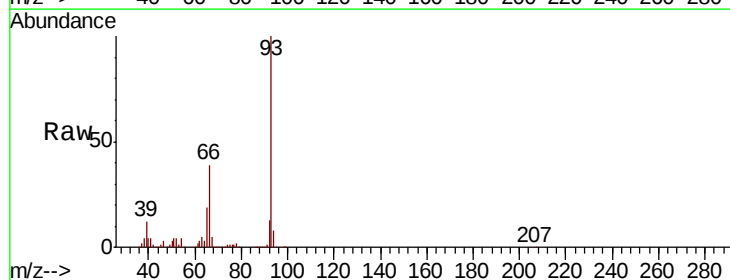
Instrument :
 BNA_F
 ClientSampled :

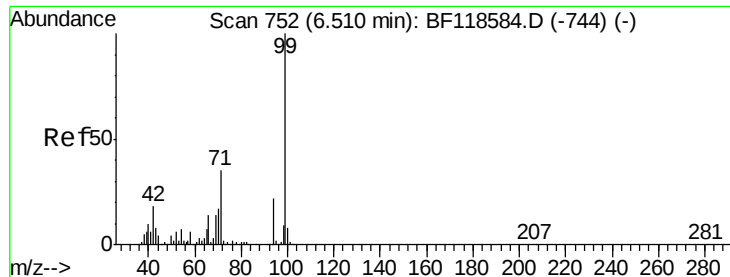
Tot Ion:112 Resp: 1410306
 Ion Ratio Lower Upper
 112 100
 64 54.8 42.4 63.6
 63 28.9 21.7 32.5



#6
 Aniline
 Concen: 24.811 ng
 RT: 6.50 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion: 93 Resp: 602541
 Ion Ratio Lower Upper
 93 100
 66 39.3 31.3 46.9
 65 19.4 15.3 22.9





#7

Phenol-d6

Concen: 96.706 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

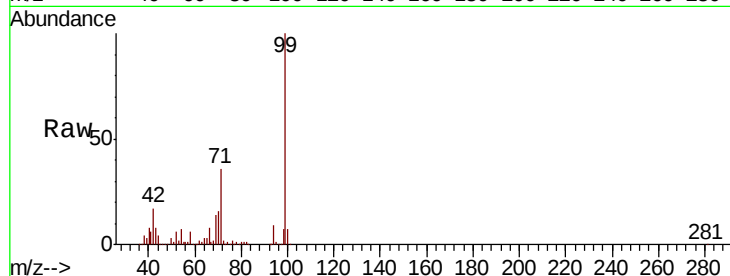
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1783567

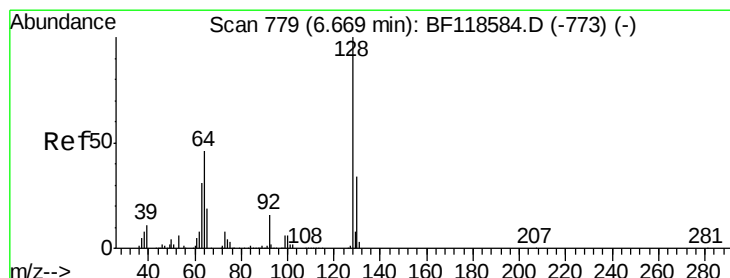
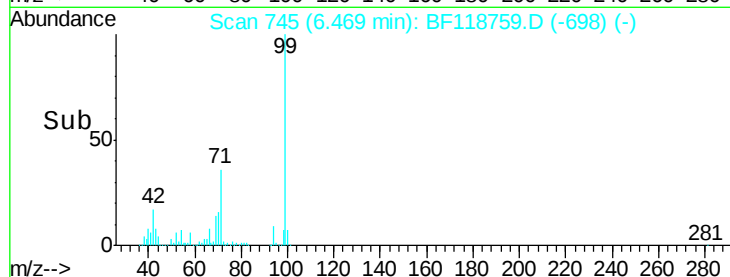
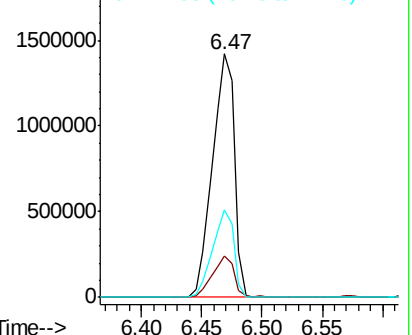
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.1	19.7
71	36.2	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.845 ng

RT: 6.62 min Scan# 771

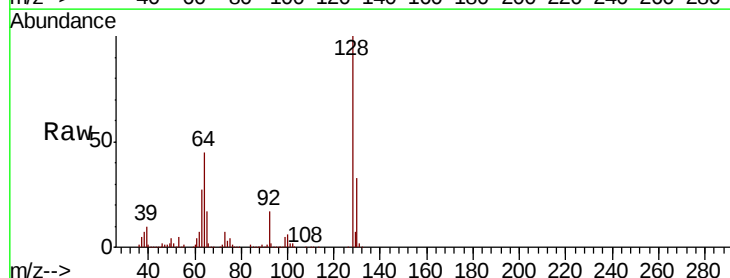
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion: 128 Resp: 682398

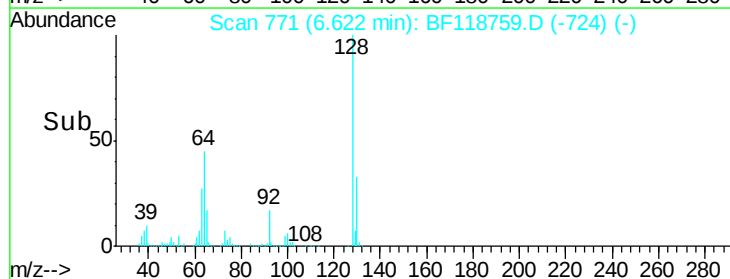
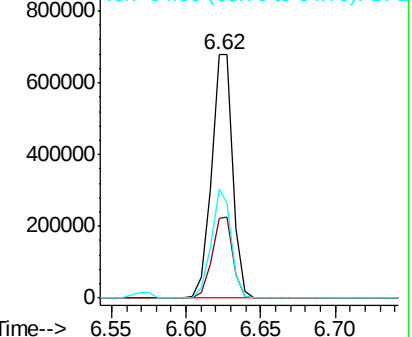
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	44.6	24.5	64.5



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: 28.938 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

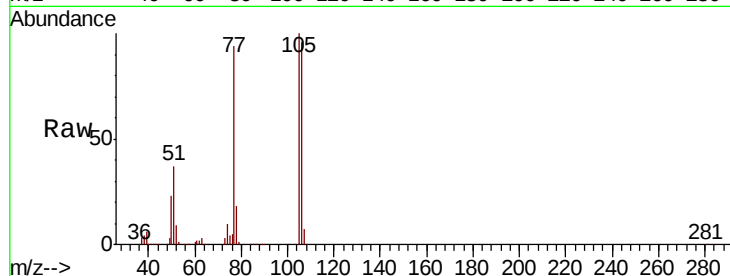
Tot Ion: 77 Resp: 324581

Ion Ratio Lower Upper

77 100

105 106.1 84.3 124.3

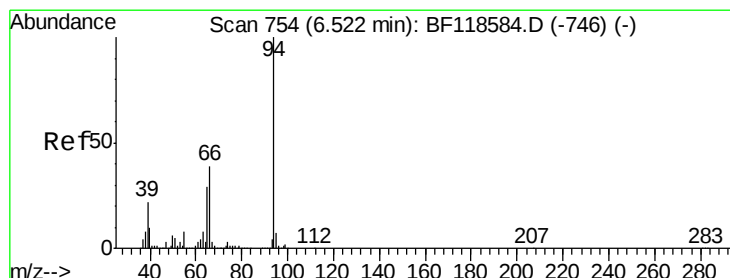
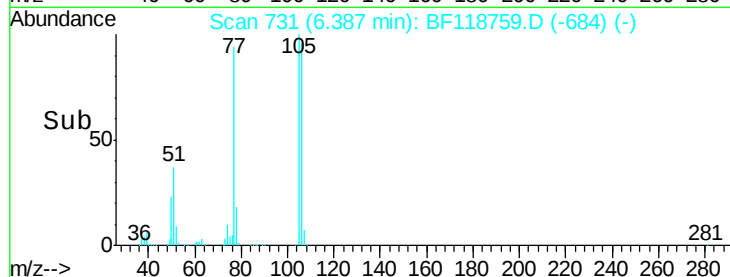
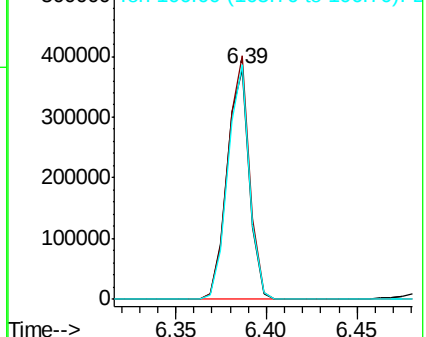
106 102.2 80.4 120.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.246 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

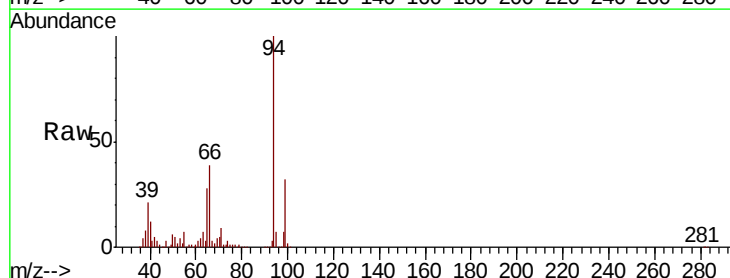
Tgt Ion: 94 Resp: 824883

Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

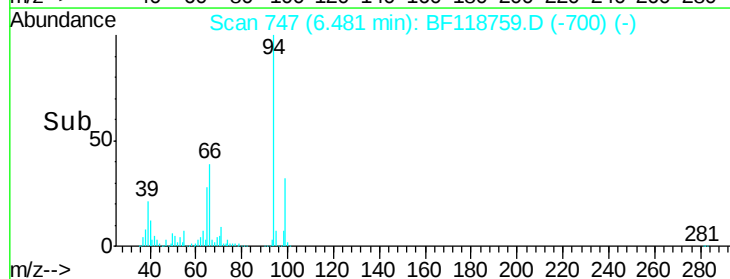
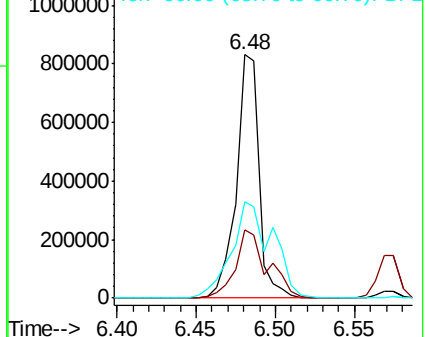
66 39.4 19.1 59.1

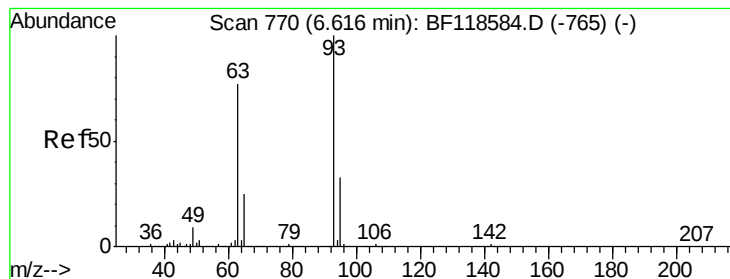


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.571 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

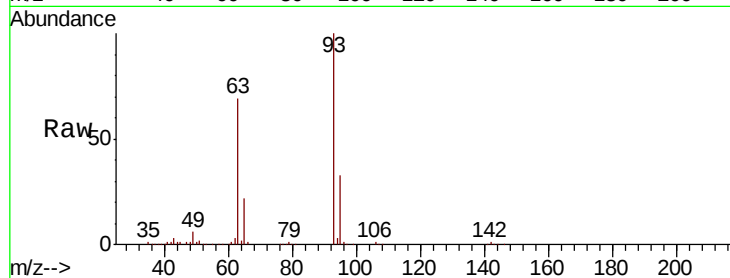
Tot Ion: 93 Resp: 617078

Ion Ratio Lower Upper

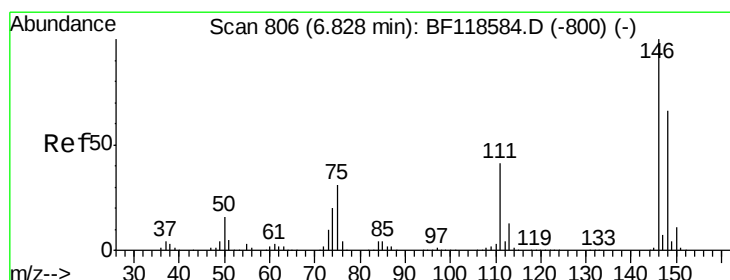
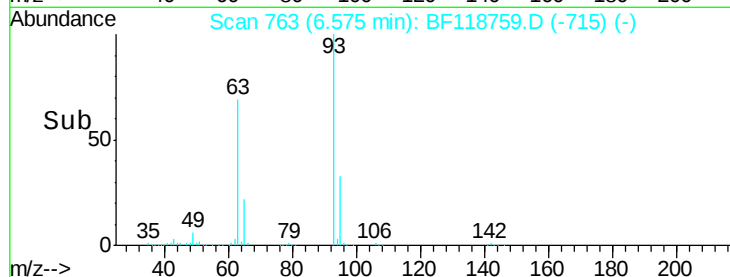
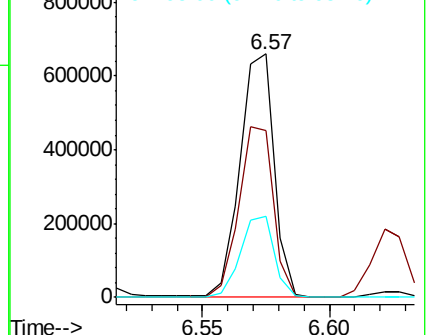
93 100

63 68.7 52.1 92.1

95 33.4 13.2 53.2



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



#12

1,3-Dichlorobenzene

Concen: 40.081 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

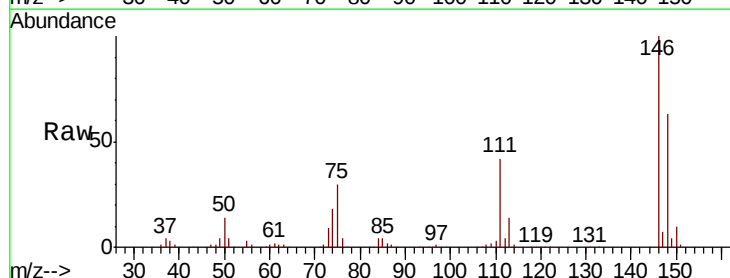
Tgt Ion: 146 Resp: 747191

Ion Ratio Lower Upper

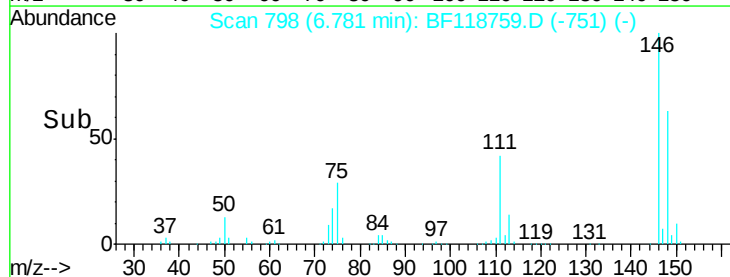
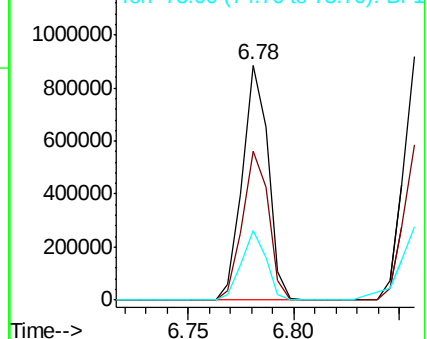
146 100

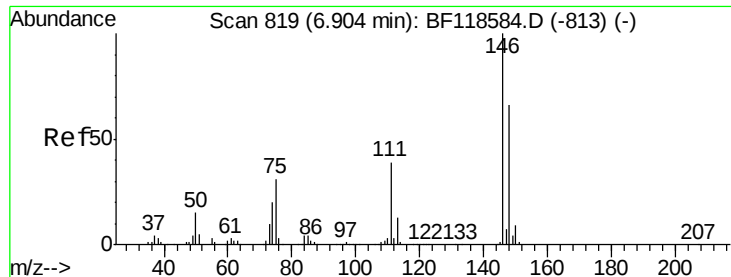
148 63.3 52.2 78.4

75 29.5 23.1 34.7



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





#13

1,4-Dichlorobenzene

Concen: 40.172 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

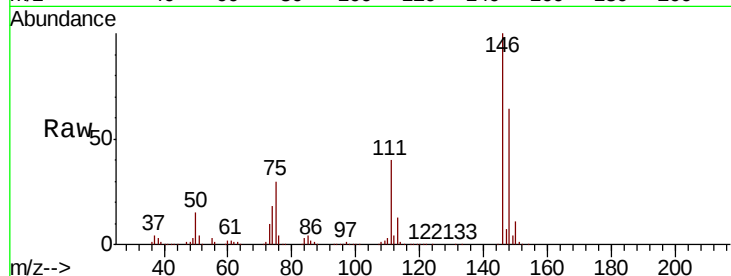
Tot Ion:146 Resp: 751755

Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

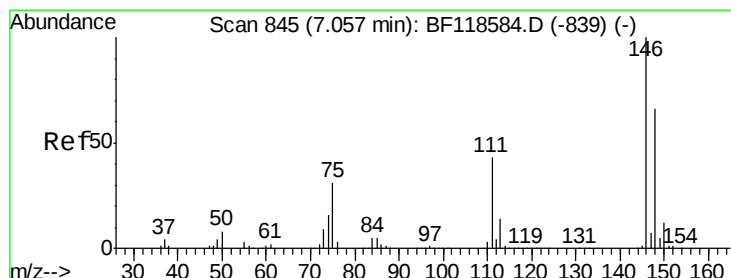
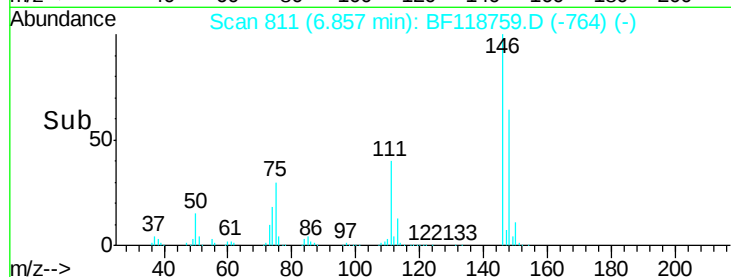
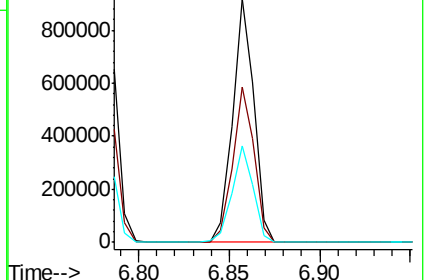
111 39.8 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.895 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

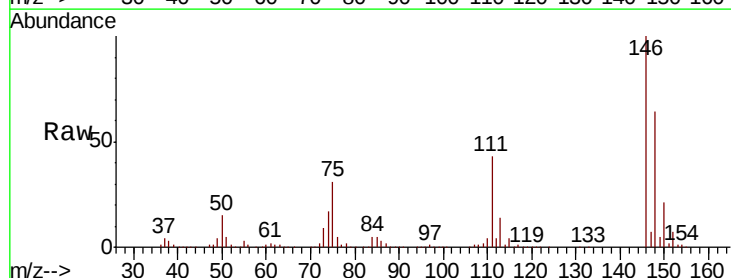
Tgt Ion:146 Resp: 701819

Ion Ratio Lower Upper

146 100

148 64.1 51.7 77.5

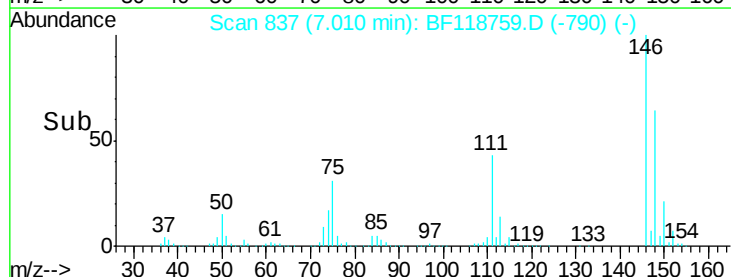
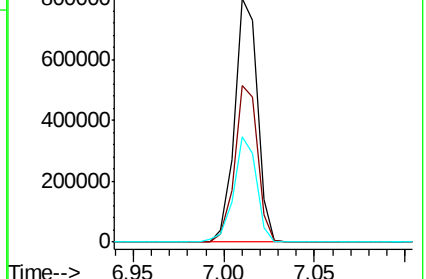
111 43.5 35.3 52.9

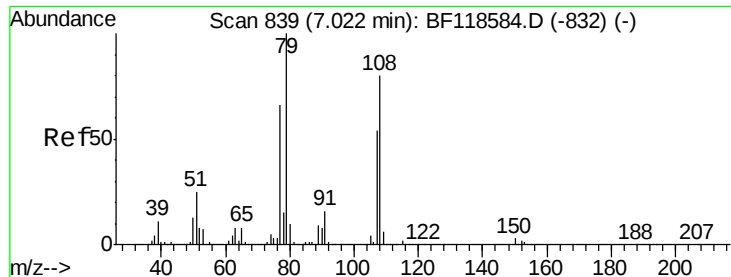


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.249 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

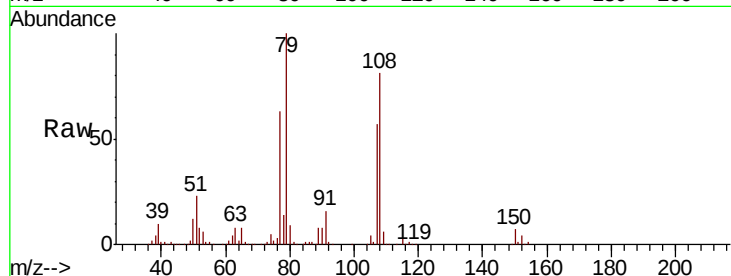
Tot Ion: 79 Resp: 574054

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.2

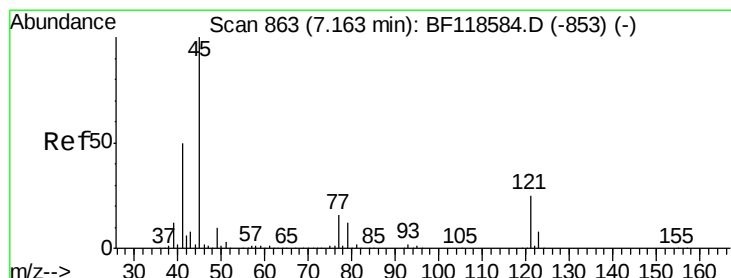
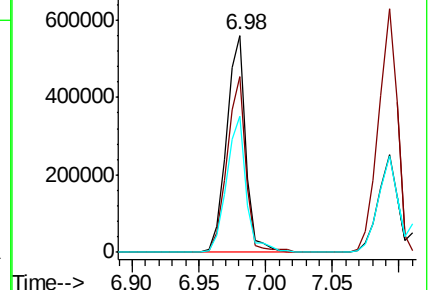
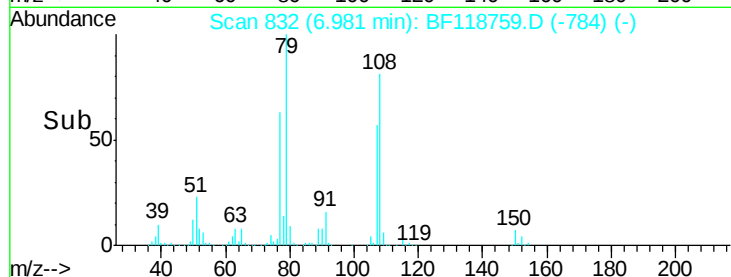
77 62.9 49.8 74.6



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: 33.372 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

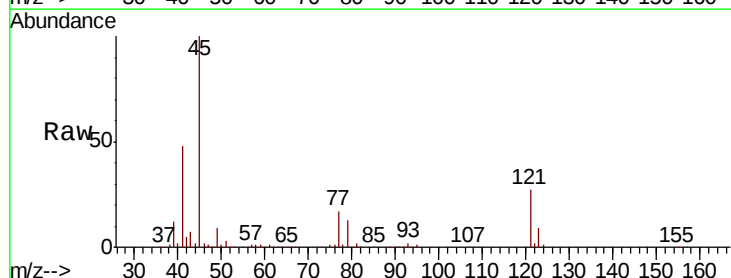
Tgt Ion: 45 Resp: 724872

Ion Ratio Lower Upper

45 100

77 16.7 0.0 36.9

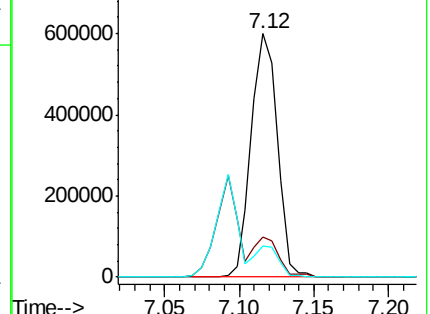
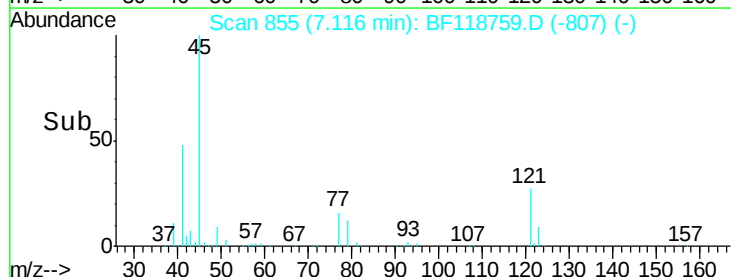
79 12.9 0.0 32.5

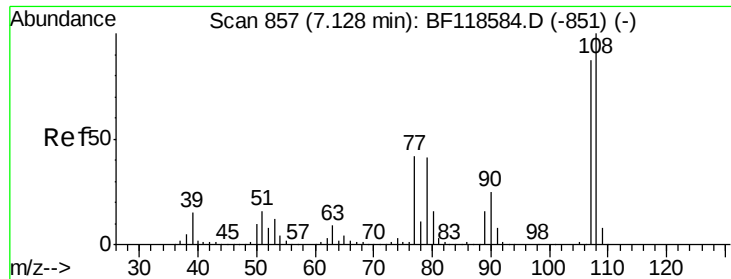


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 41.405 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 549321

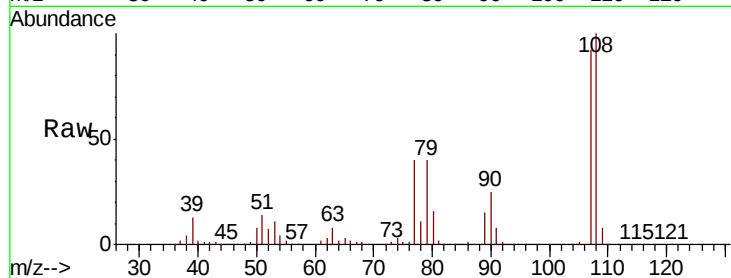
Ion Ratio Lower Upper

107 100

108 108.8 88.0 132.0

77 43.1 35.3 52.9

79 43.9 35.4 53.2



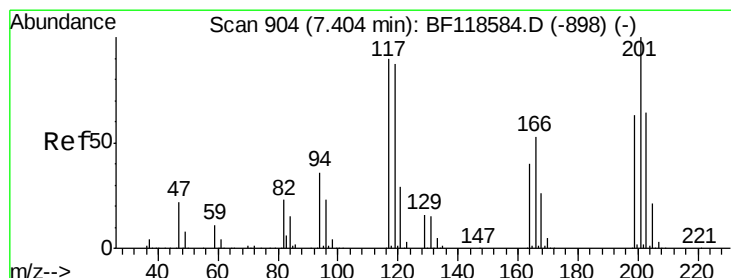
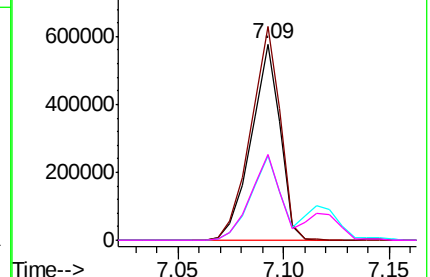
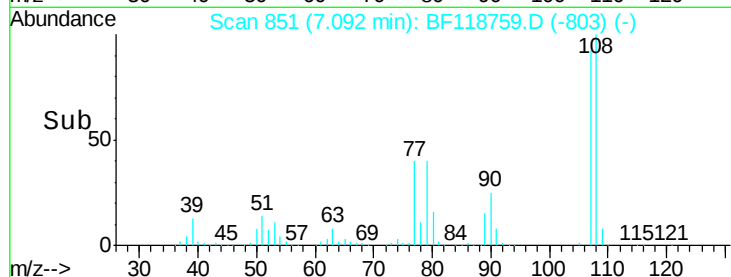
Abundance

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: 38.067 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

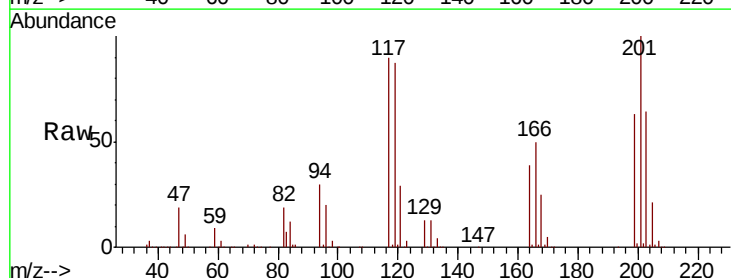
Tgt Ion:117 Resp: 258308

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

201 111.4 83.3 124.9

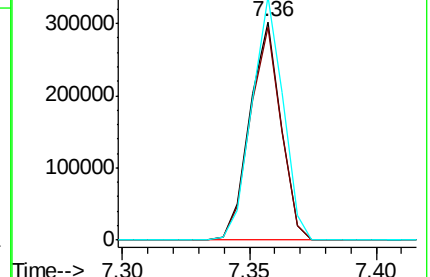
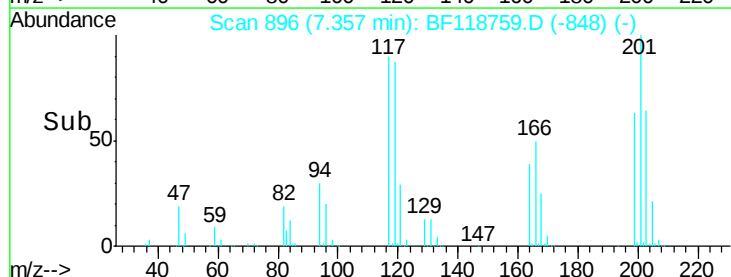


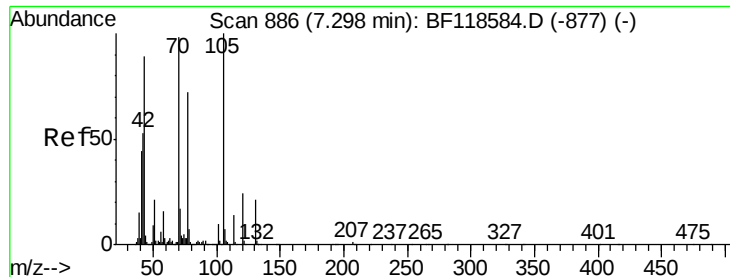
Abundance

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

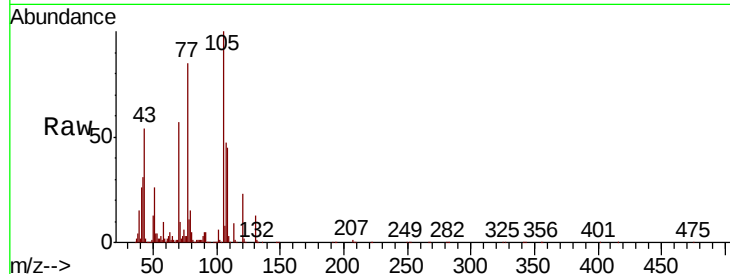




#19
n-Nitroso-di-n-propylamine
Concen: 35.500 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	442096
Ion	Ratio	Lower	Upper
70	100		
42	53.6	41.6	62.4
101	10.3	7.9	11.9
130	23.4	19.0	28.6



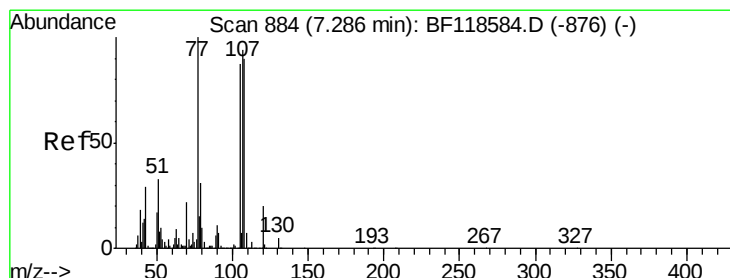
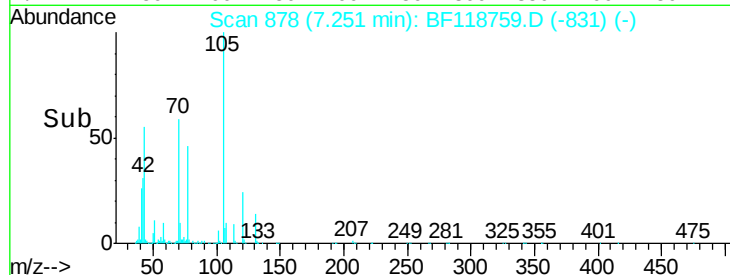
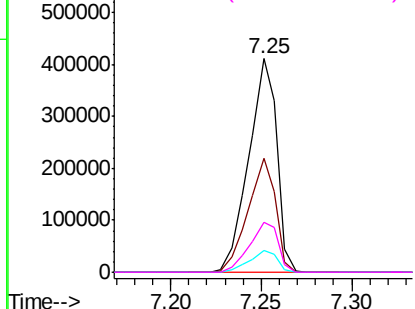
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

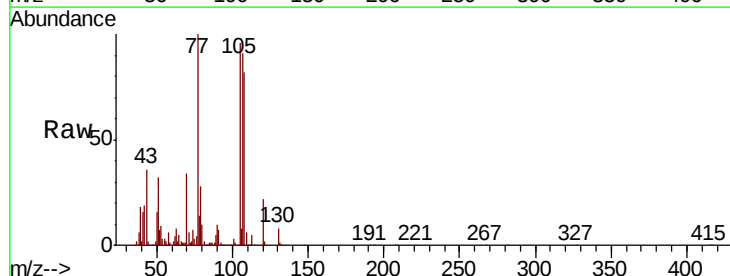
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.722 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:	107	Resp:	659602
Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.5	107.5
77	110.0	73.6	113.6
79	30.6	9.3	49.3



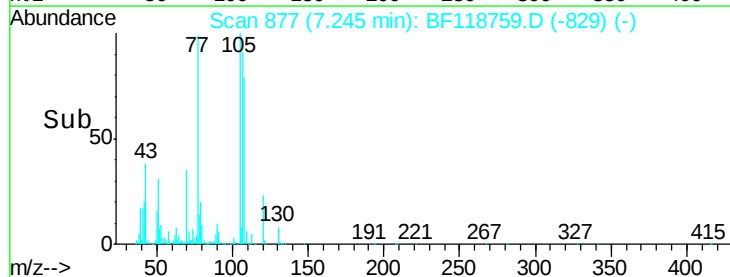
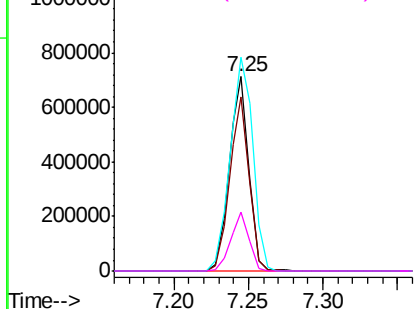
Abundance

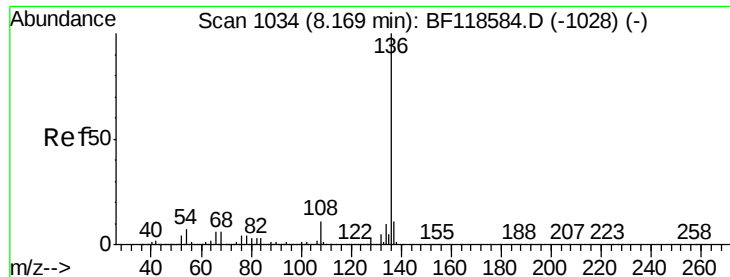
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

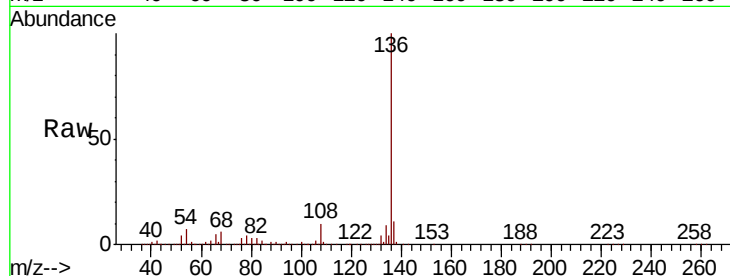




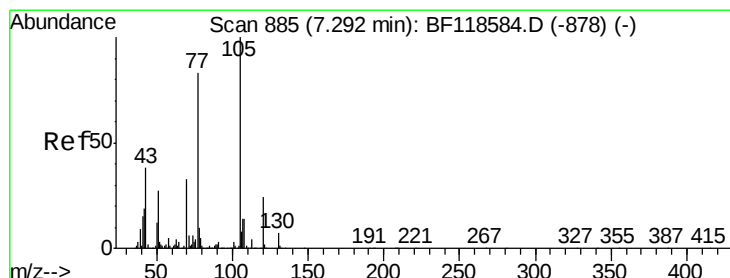
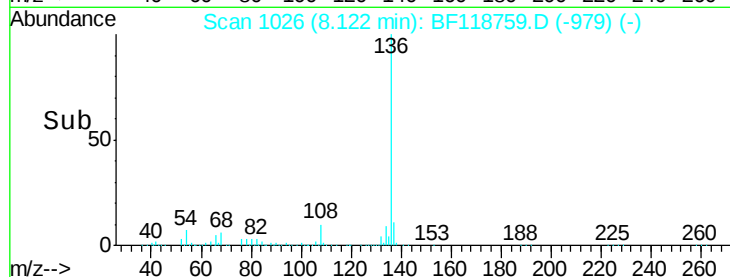
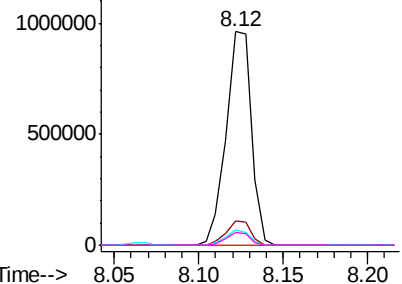
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 1009355
Ion Ratio	Lower Upper
136 100	
137 11.3	8.9 13.3
54 7.0	5.1 7.7
68 6.1	4.3 6.5

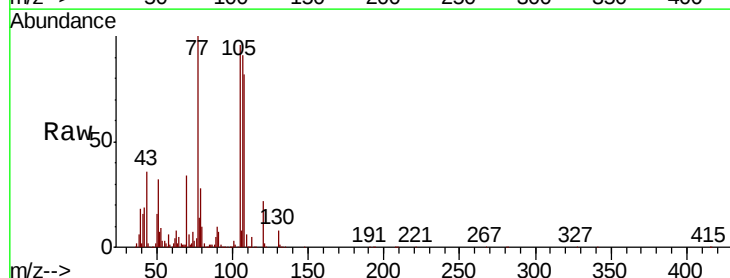


Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

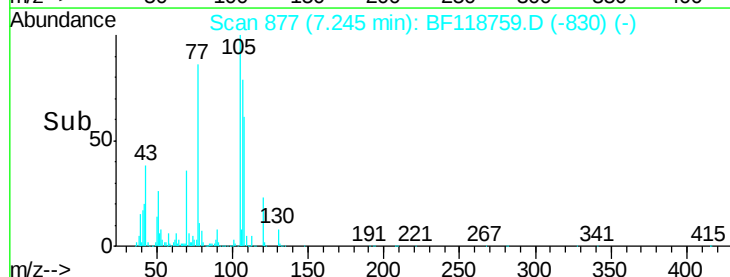
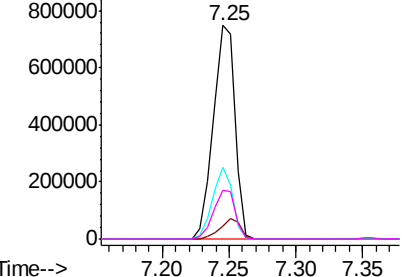


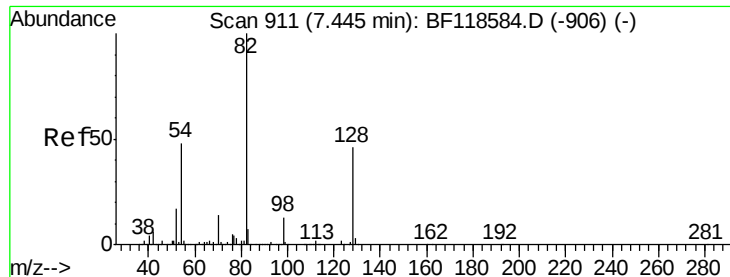
#22
Acetophenone
Concen: 36.119 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt	Ion:105	Resp:	863624
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.3	6.5
51	33.3	23.5	35.3
120	22.8	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
1000000
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



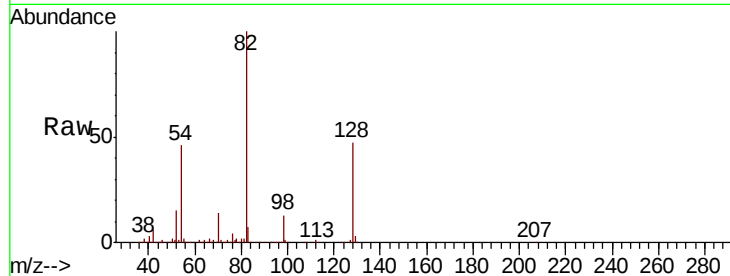


#23
 Nitrobenzene-d5
 Concen: 64.000 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

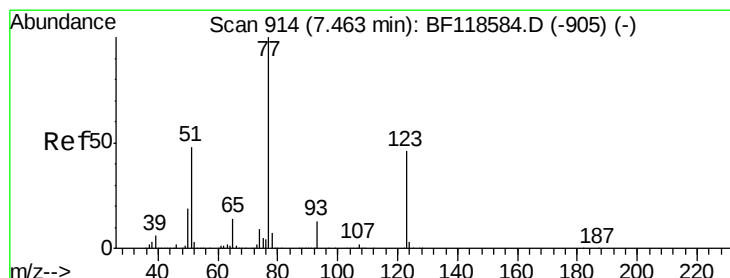
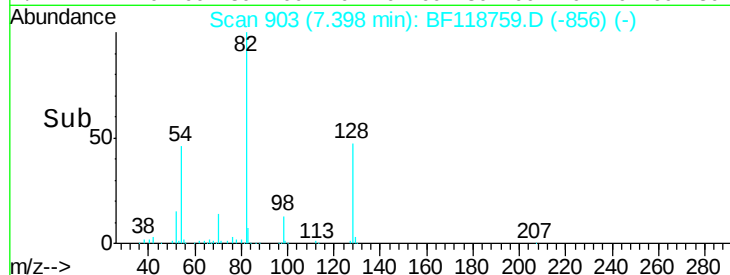
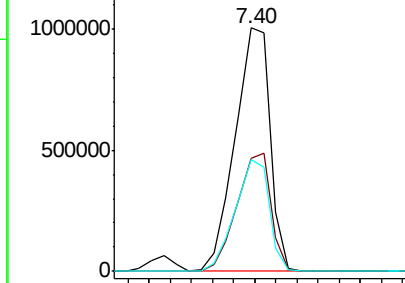
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1154914

Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.2	57.2
54	45.7	36.1	54.1



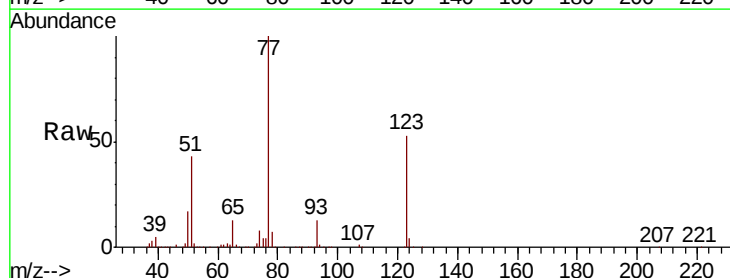
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



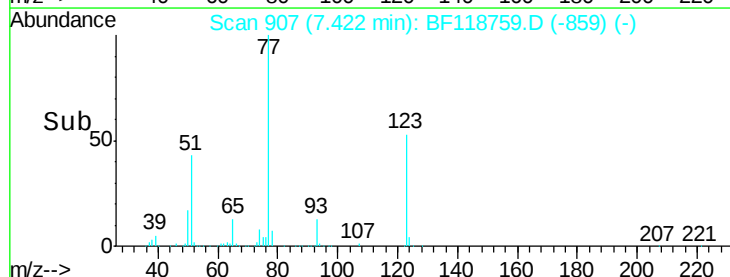
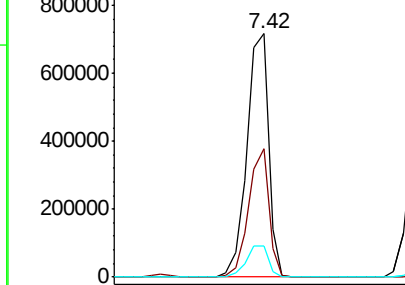
#24
 Nitrobenzene
 Concen: 36.432 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

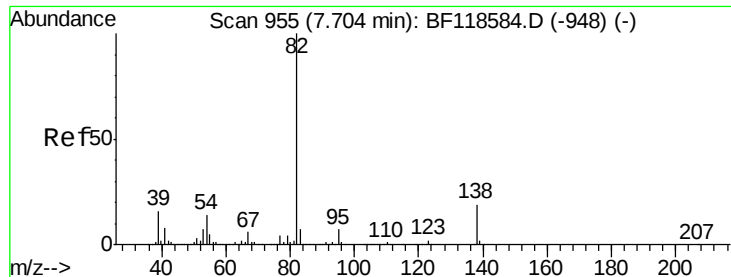
Tgt Ion: 77 Resp: 673161

Ion	Ratio	Lower	Upper
77	100		
123	52.8	39.2	58.8
65	13.0	10.6	15.8



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: 37.861 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

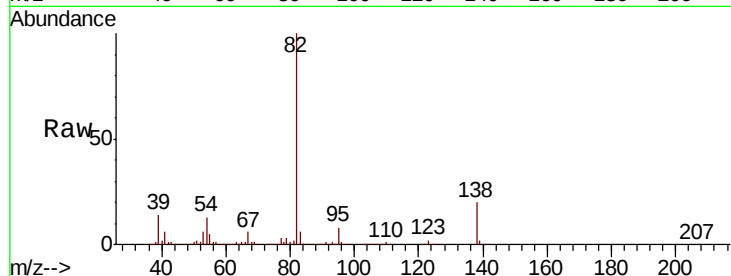
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 1246147

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.8
138	20.4	15.8	23.8

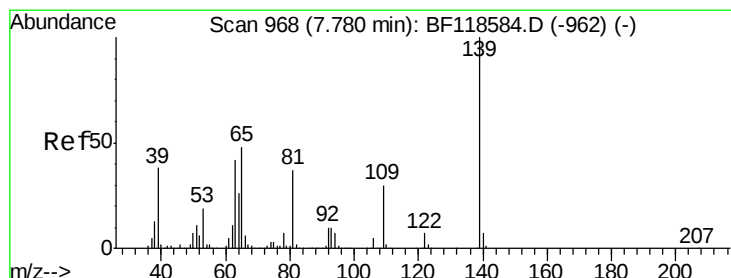
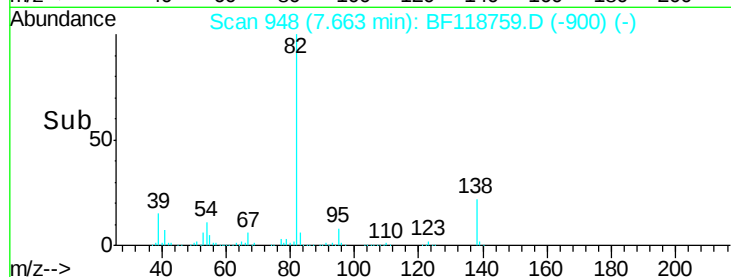


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.782 ng

RT: 7.74 min Scan# 961

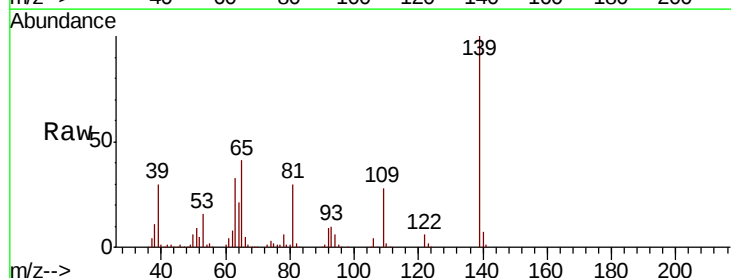
Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion: 139 Resp: 368618

Ion	Ratio	Lower	Upper
139	100		
109	27.9	23.1	34.7
65	41.0	35.2	52.8

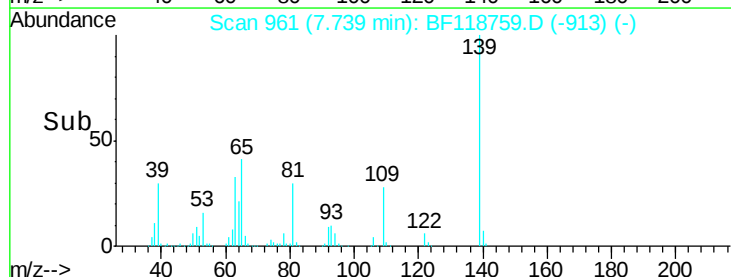


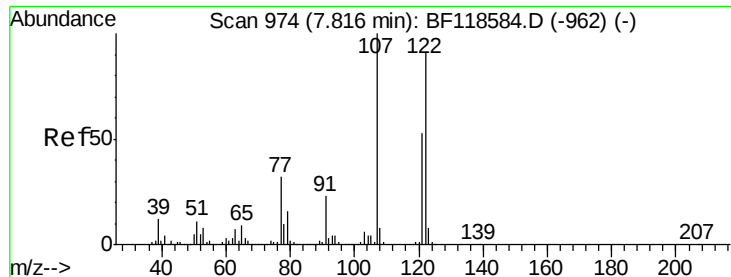
Abundance

Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

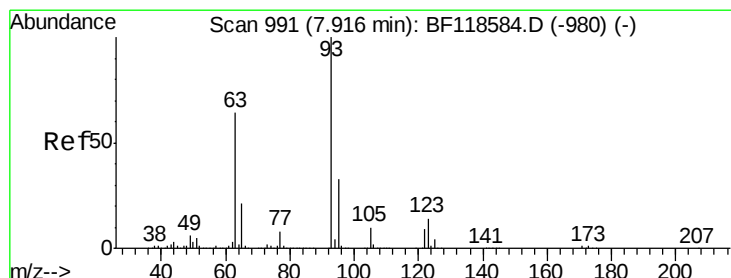
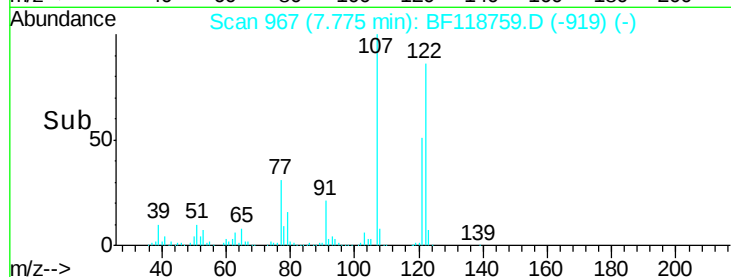
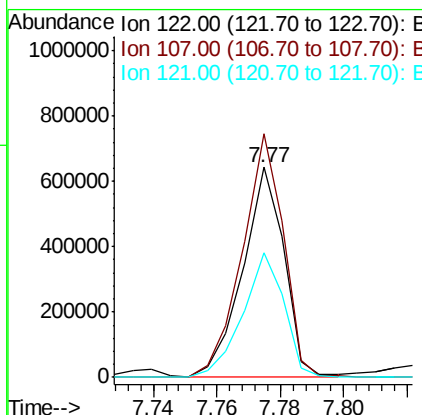
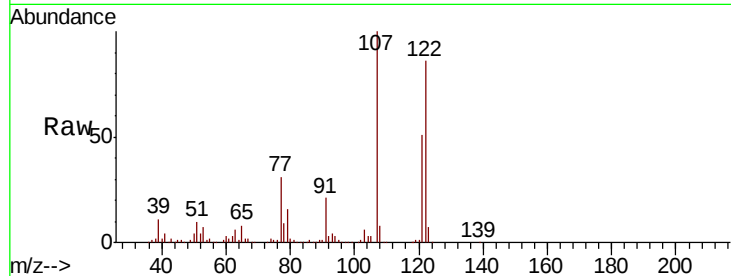




#27
 2,4-Dimethylphenol
 Concen: 42.997 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

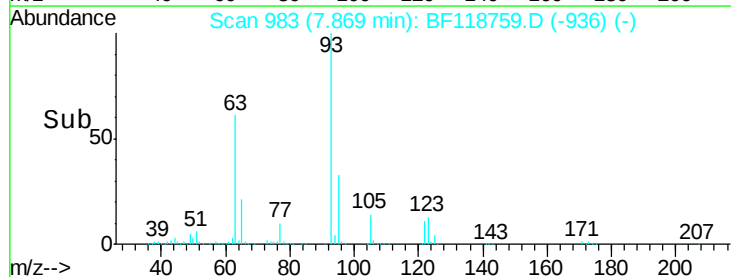
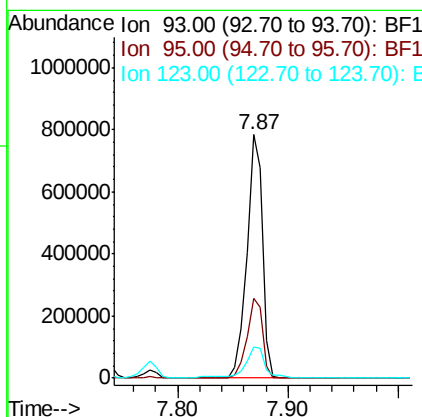
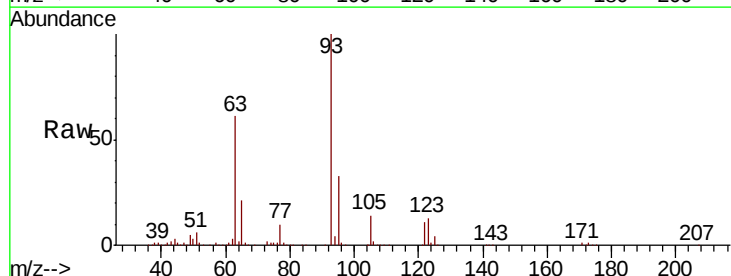
Instrument :
 BNA_F
 ClientSampleId :

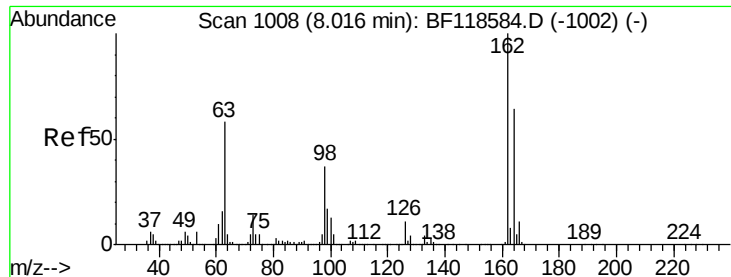
Tot Ion:122 Resp: 585030
 Ion Ratio Lower Upper
 122 100
 107 116.0 91.8 137.8
 121 59.3 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.571 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion: 93 Resp: 775585
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.8 40.2
 123 12.6 10.7 16.1

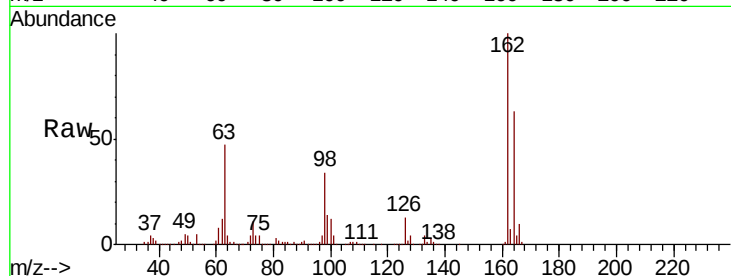




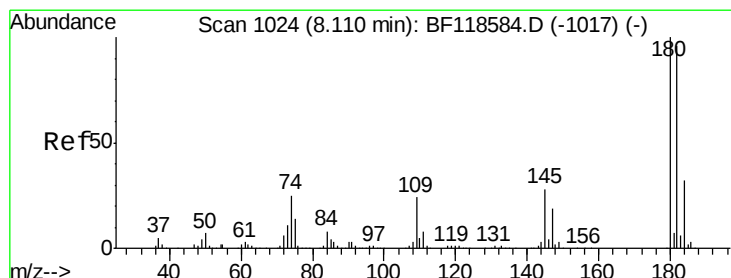
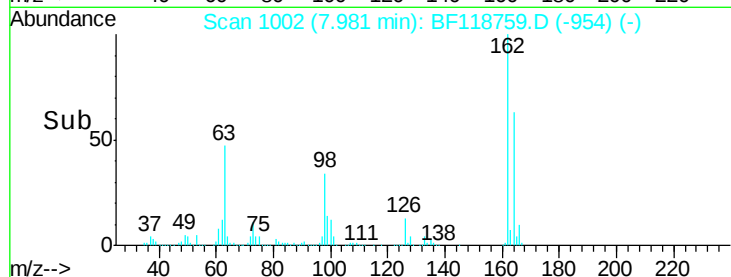
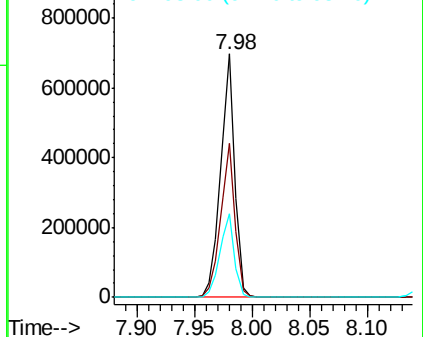
#29
2,4-Dichlorophenol
Concen: 39.826 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.8	83.8
98	34.3	15.0	55.0

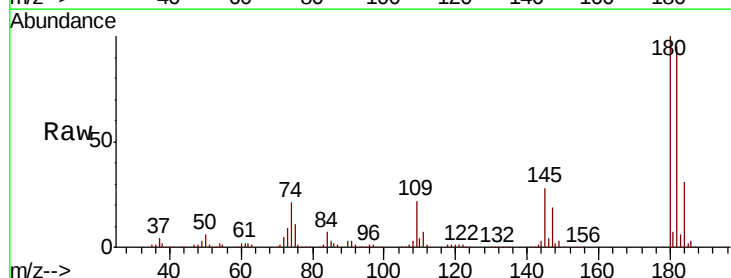


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

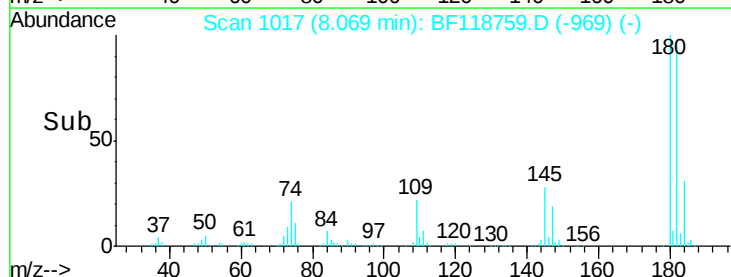
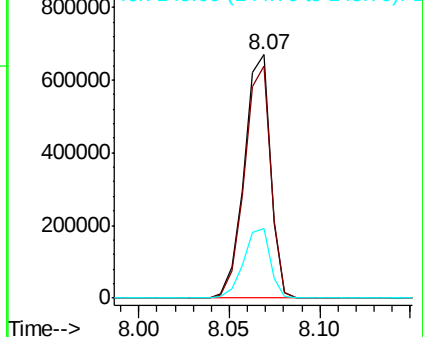


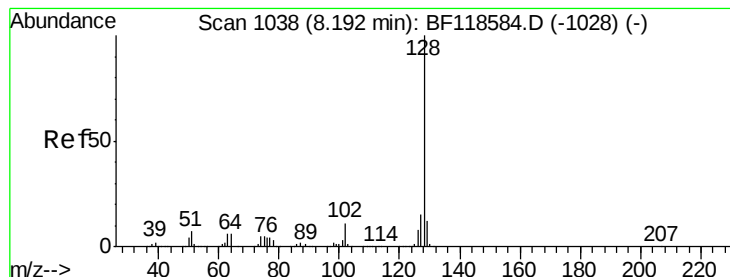
#30
1,2,4-Trichlorobenzene
Concen: 38.510 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
145	28.3	23.5	35.3



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





#31

Naphthalene

Concen: 41.933 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

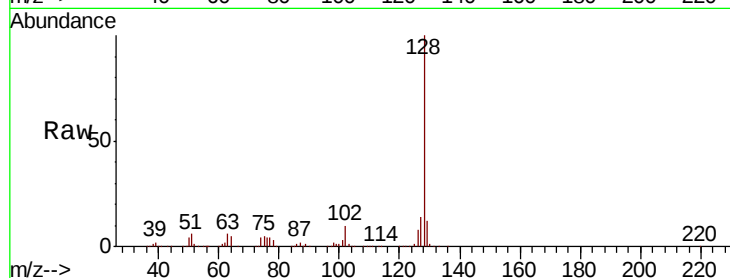
Tot Ion:128 Resp: 1911960

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.0

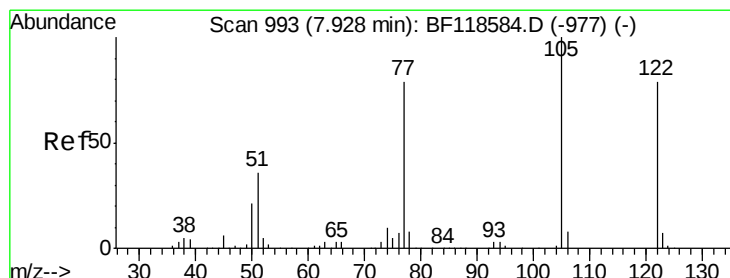
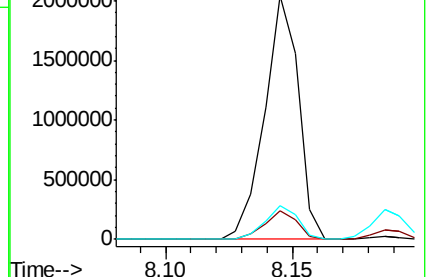
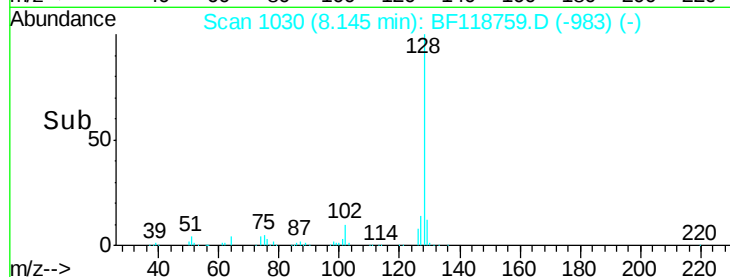
127 13.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.864 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

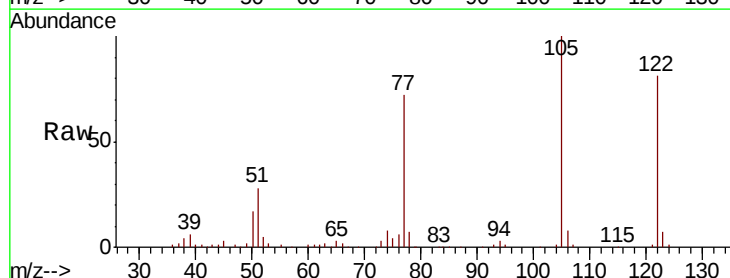
Tgt Ion:122 Resp: 407072

Ion Ratio Lower Upper

122 100

105 124.1 100.9 140.9

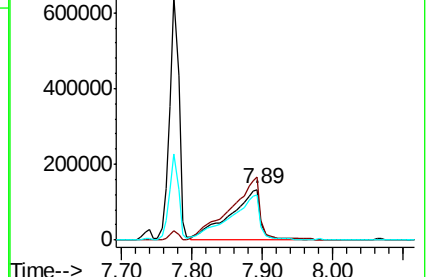
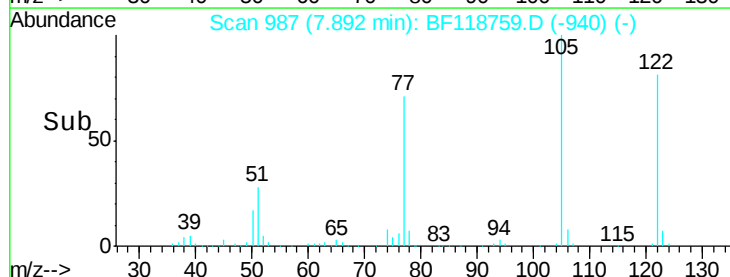
77 89.0 65.1 105.1

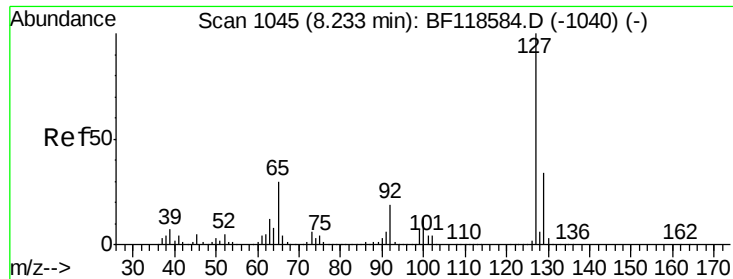


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

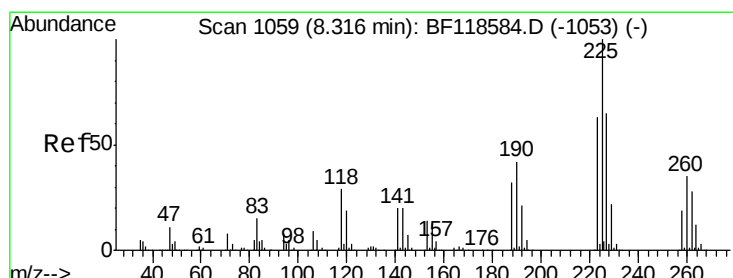
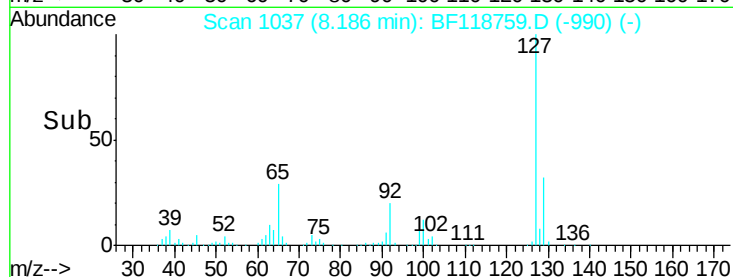
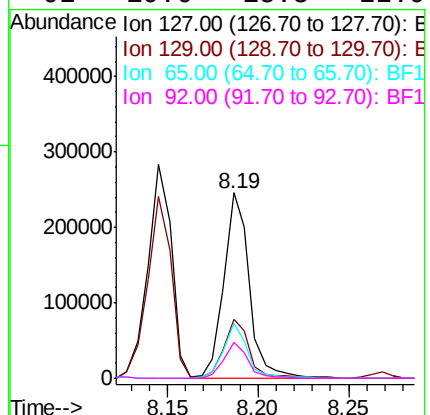
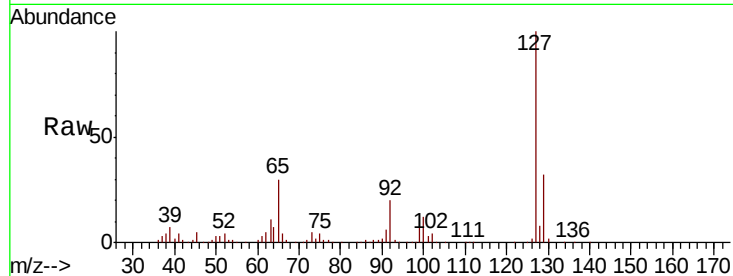




#33
4-Chloroaniline
Concen: 11.310 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

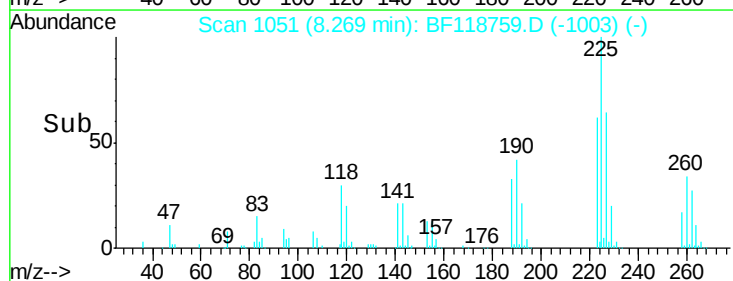
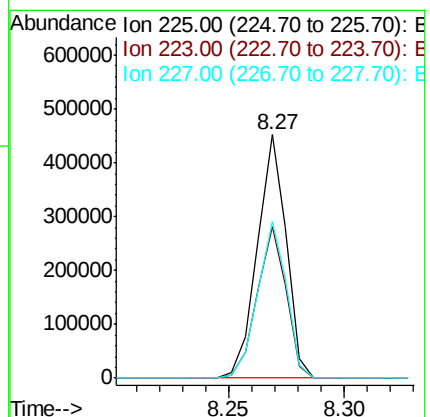
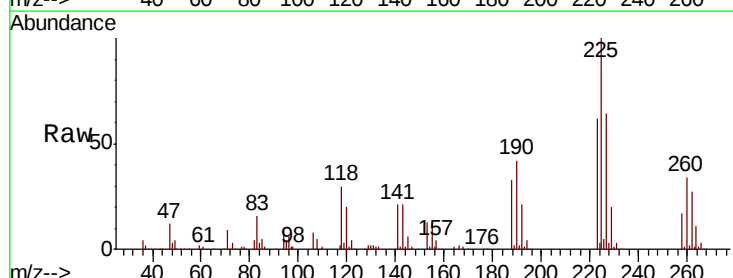
Instrument :
BNA_F
ClientSampleId :

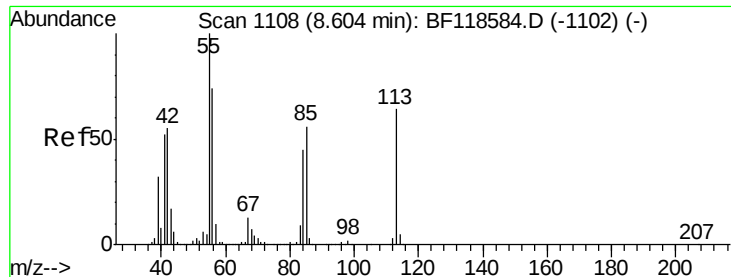
Tot Ion:	127	Resp:	238353
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	29.6	22.6	33.8
92	19.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 37.135 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:	225	Resp:	394398
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.3	75.5
227	64.4	50.5	75.7





#35

Caprolactam

Concen: 23.984 ng

RT: 8.55 min Scan# 1099

Delta R.T. -0.03 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

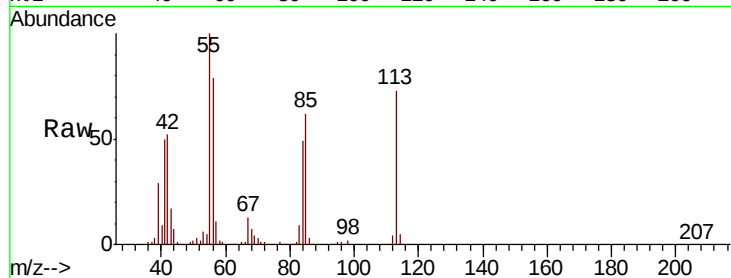
Tot Ion:113 Resp: 118054

Ion Ratio Lower Upper

113 100

55 136.1 119.0 159.0

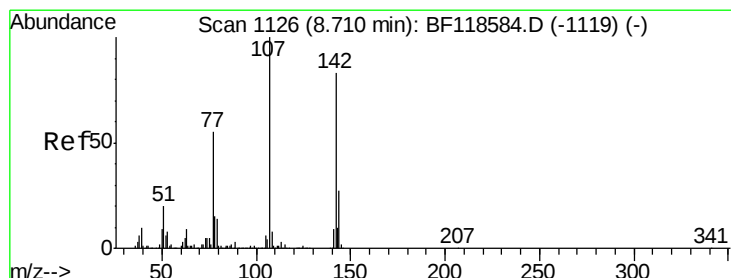
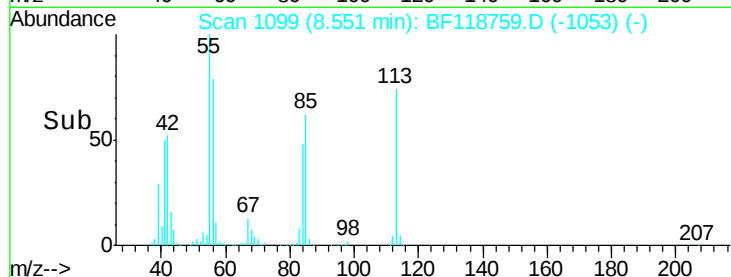
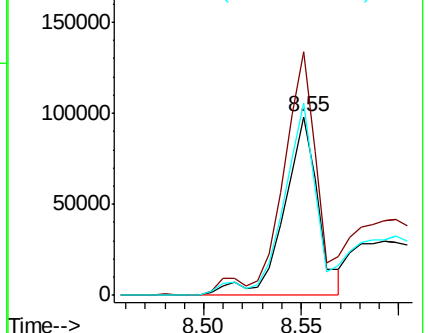
56 107.5 85.4 125.4



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: 41.565 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

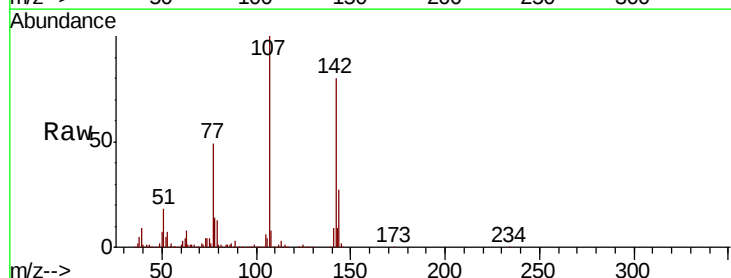
Tgt Ion:107 Resp: 617379

Ion Ratio Lower Upper

107 100

144 26.6 20.9 31.3

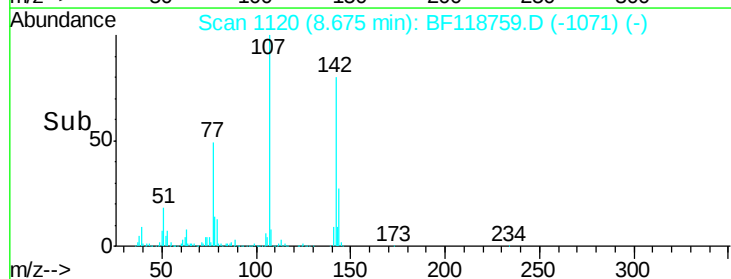
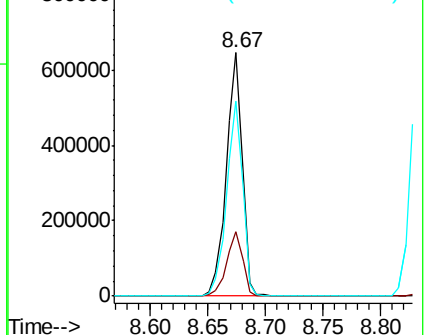
142 80.3 64.5 96.7

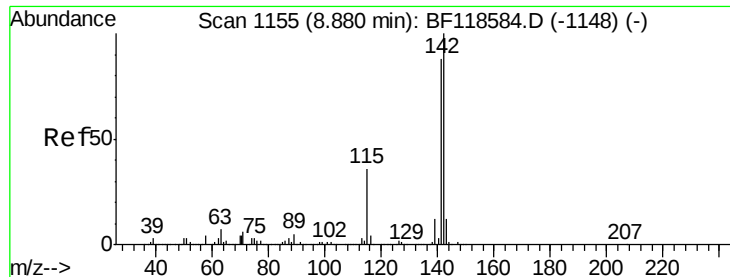


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.410 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

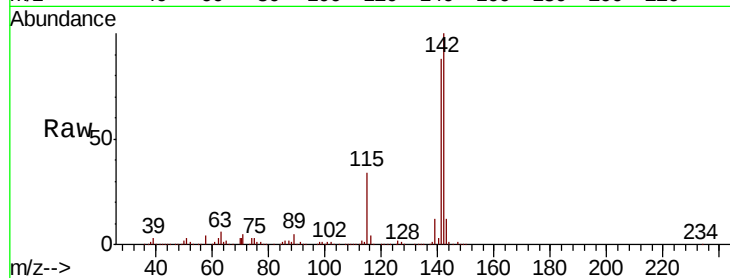
Tot Ion:142 Resp: 1364926

Ion Ratio Lower Upper

142 100

141 87.8 71.4 107.0

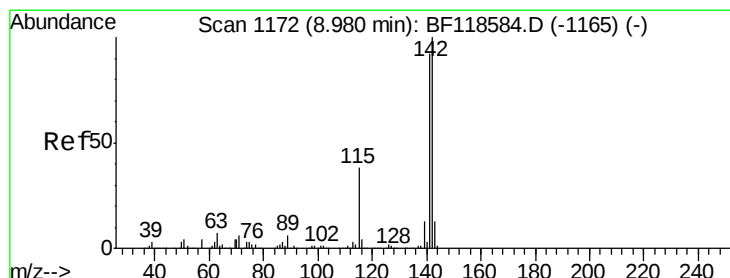
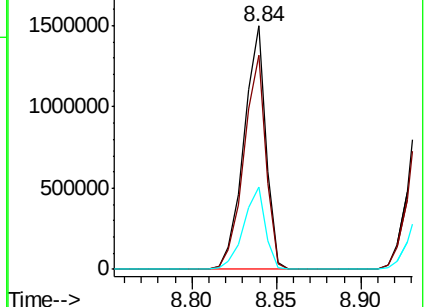
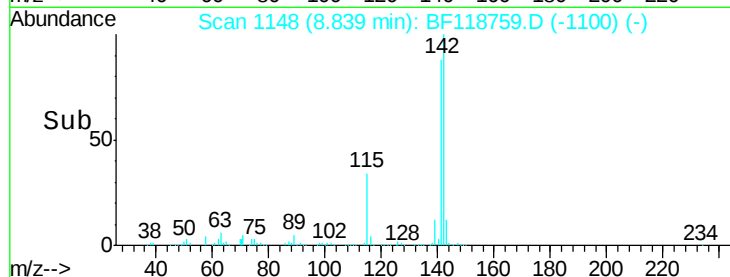
115 33.8 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.570 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

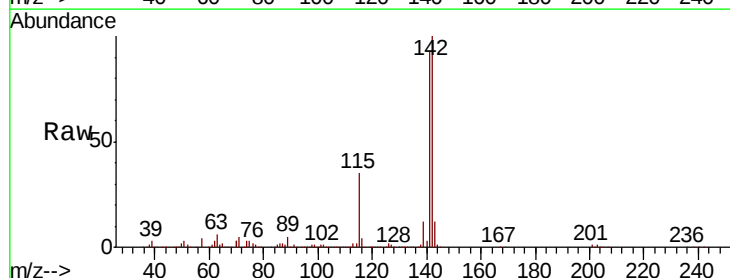
Tgt Ion:142 Resp: 1271068

Ion Ratio Lower Upper

142 100

141 93.1 73.5 110.3

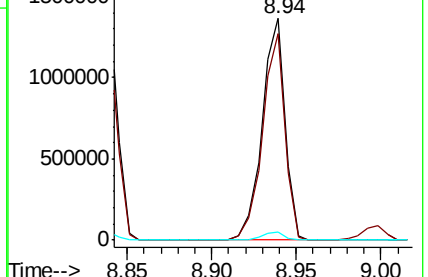
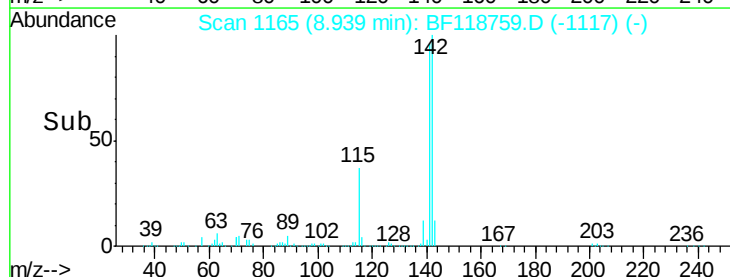
116 3.7 3.0 4.6

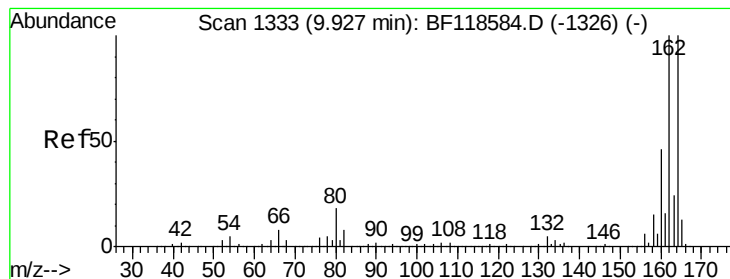


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

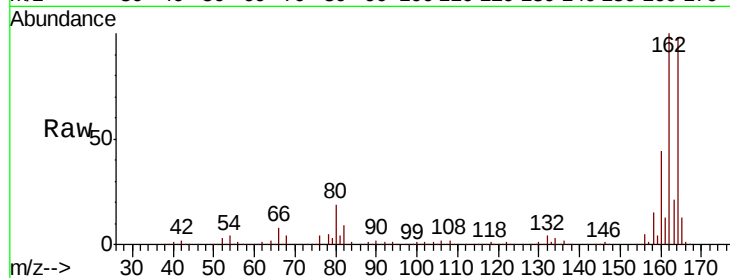
Tot Ion:164 Resp: 586032

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

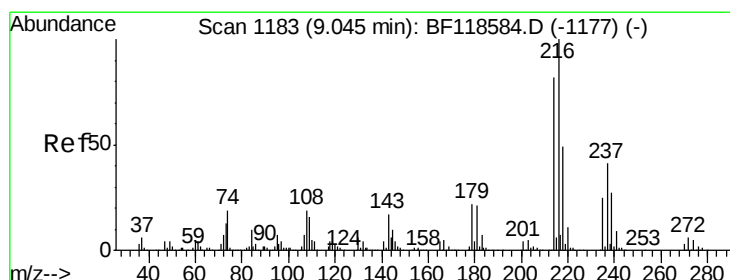
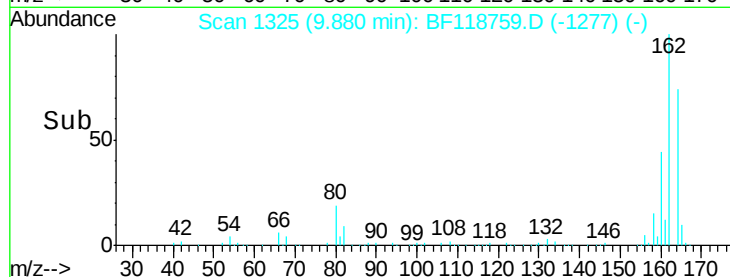
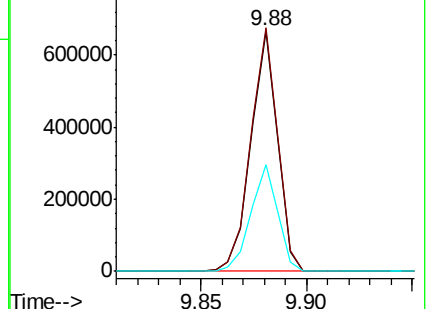
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.867 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:216 Resp: 657671

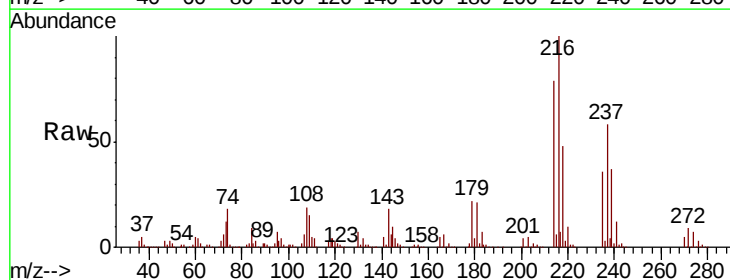
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 21.0 17.0 25.4

108 19.0 13.0 19.6

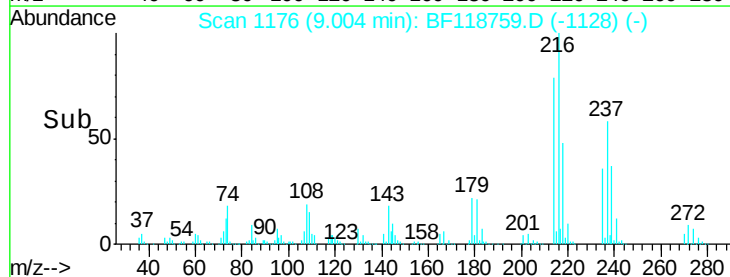
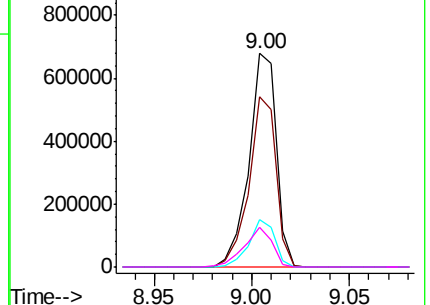


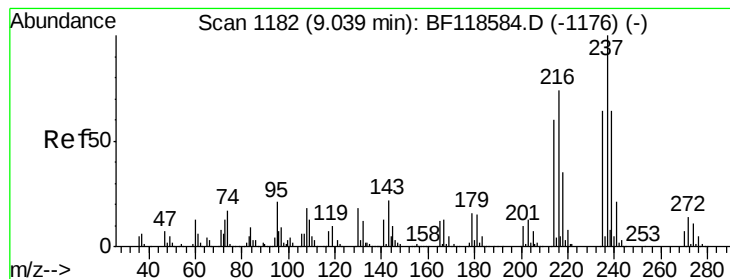
Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.632 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

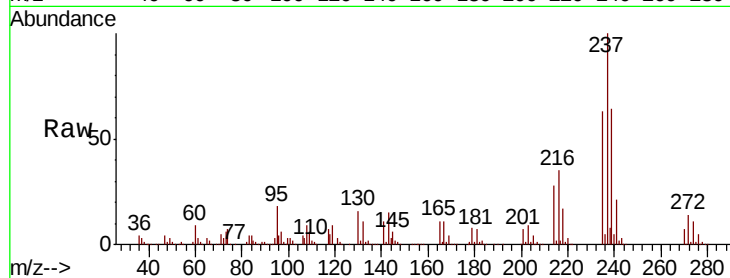
Tot Ion:237 Resp: 708956

Ion Ratio Lower Upper

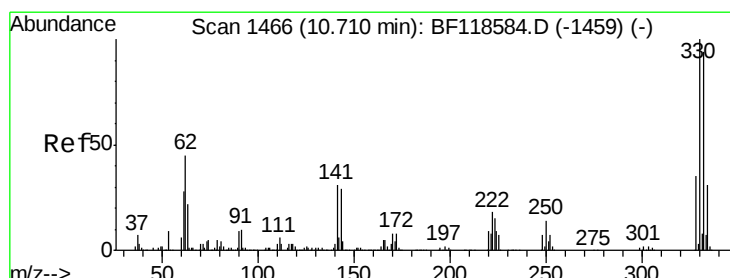
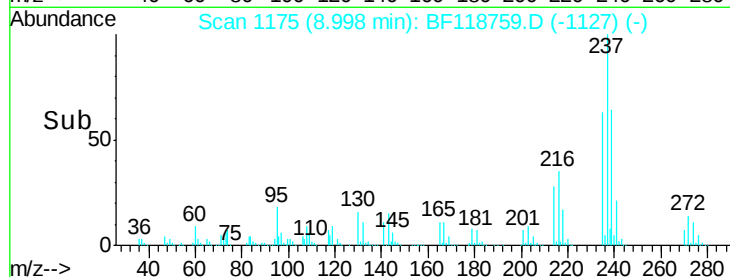
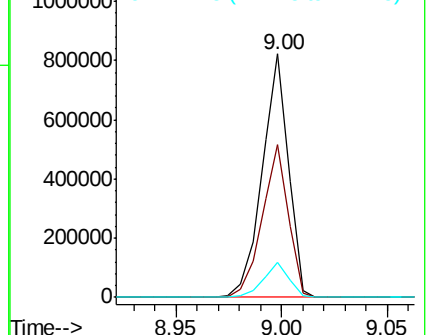
237 100

235 62.6 42.7 82.7

272 14.2 0.0 34.4



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: 103.505 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

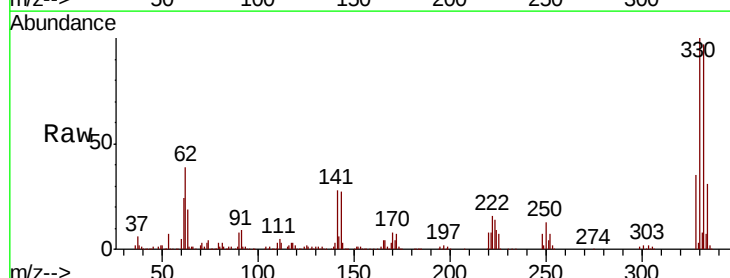
Tgt Ion:330 Resp: 701579

Ion Ratio Lower Upper

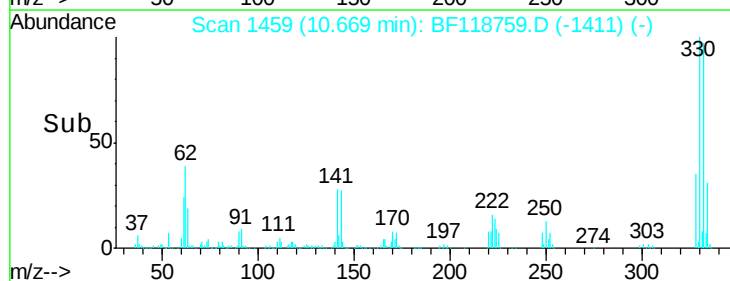
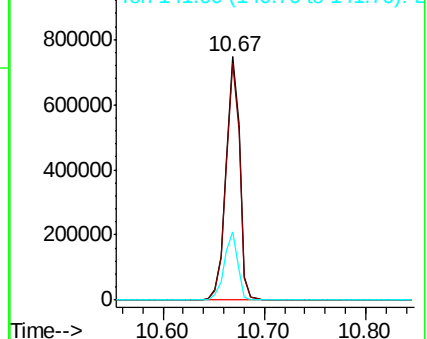
330 100

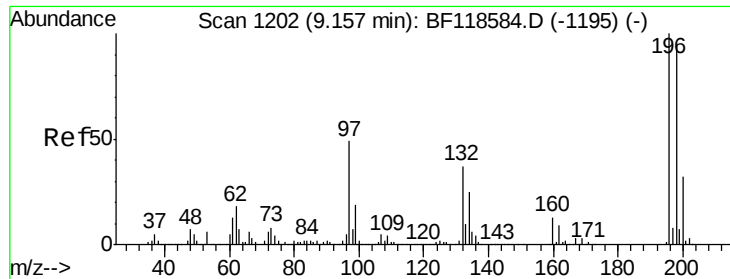
332 97.0 77.6 116.4

141 27.4 22.2 33.2



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

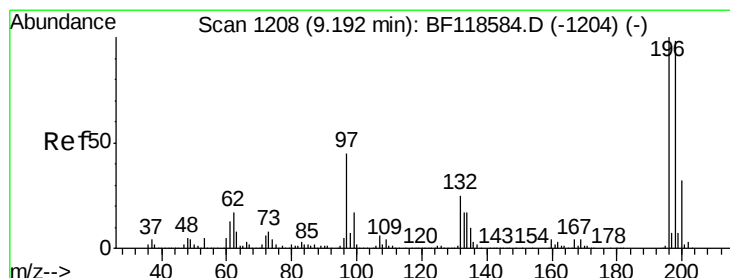
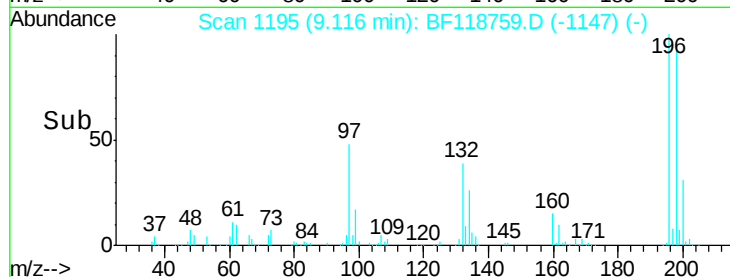
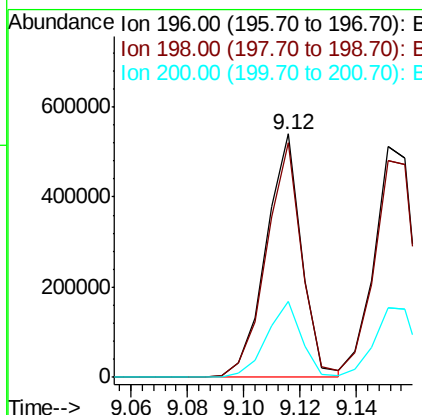
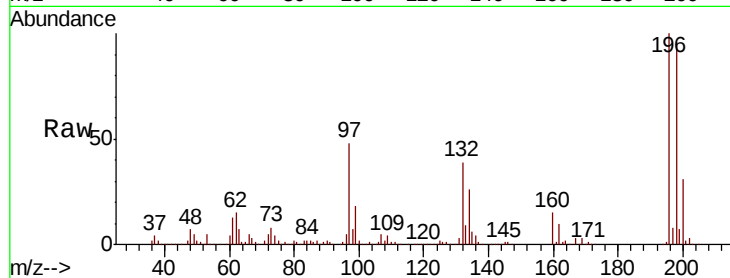




#43
 2,4,6-Trichlorophenol
 Concen: 38.780 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

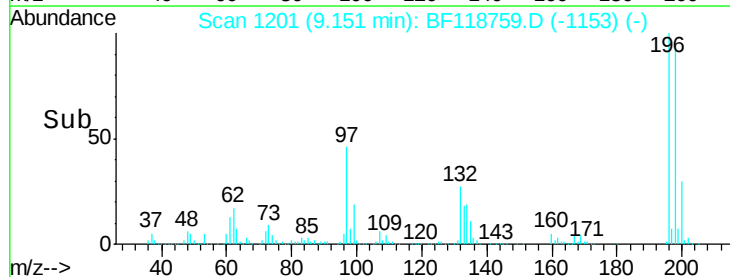
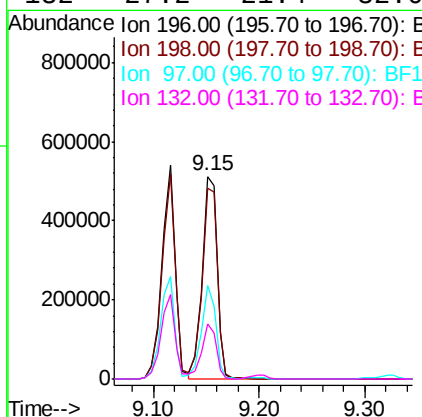
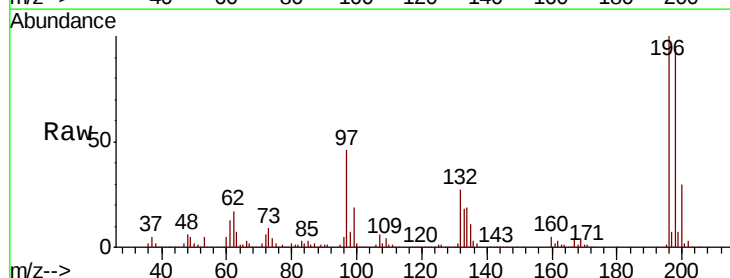
Instrument :
 BNA_F
 ClientSampleId :

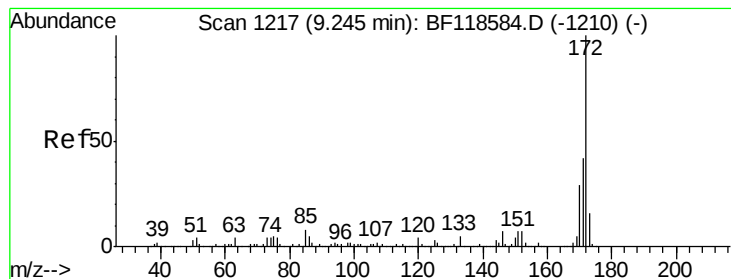
Tot Ion:196 Resp: 471873
 Ion Ratio Lower Upper
 196 100
 198 96.2 76.4 114.6
 200 31.1 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 40.213 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion:196 Resp: 499730
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.2 114.4
 97 46.3 35.7 53.5
 132 27.2 21.4 32.0





#45

2-Fluorobiphenyl

Concen: 63.983 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

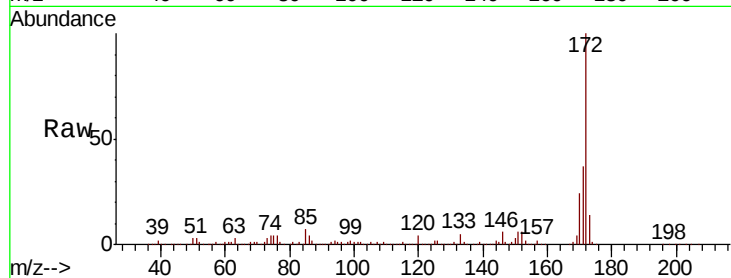
Tot Ion:172 Resp: 2281308

Ion Ratio Lower Upper

172 100

171 37.3 31.0 46.4

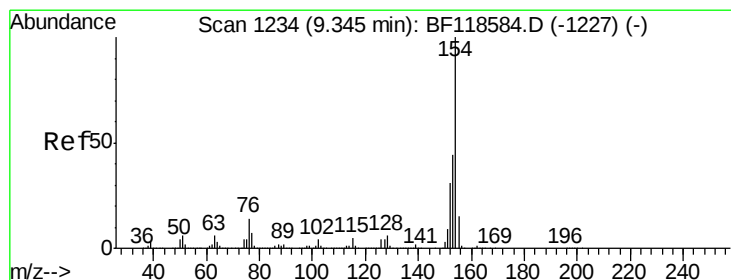
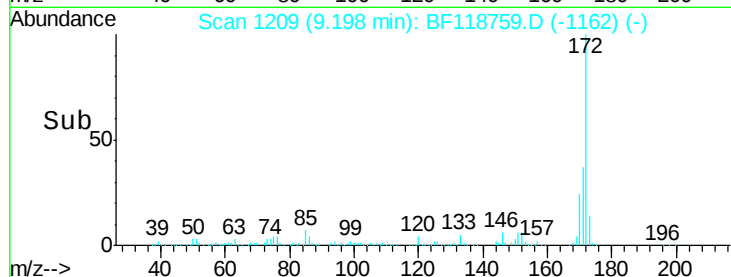
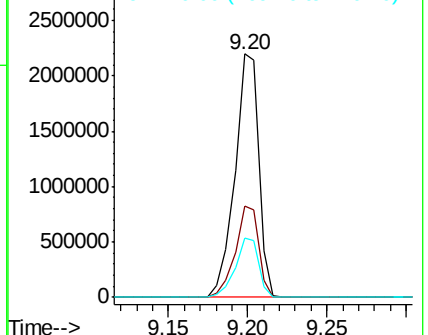
170 24.5 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.113 ng

RT: 9.30 min Scan# 1227

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

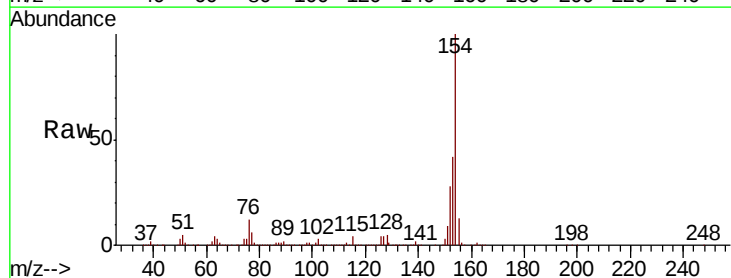
Tgt Ion:154 Resp: 1620149

Ion Ratio Lower Upper

154 100

153 41.6 22.3 62.3

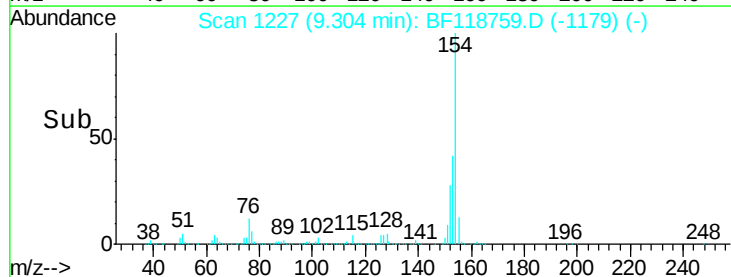
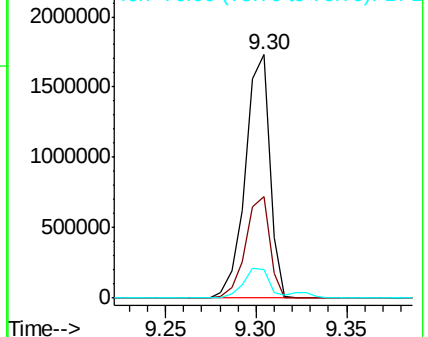
76 11.6 0.0 32.0

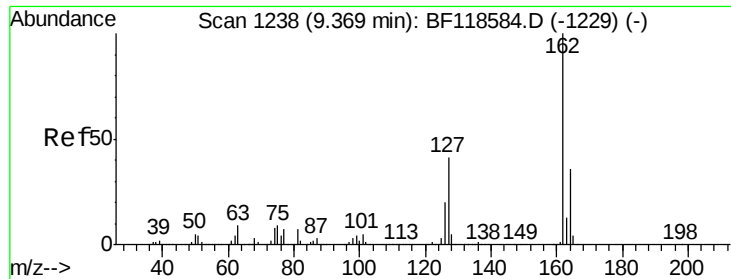


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

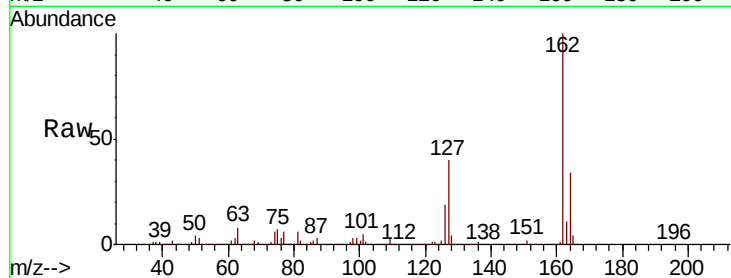




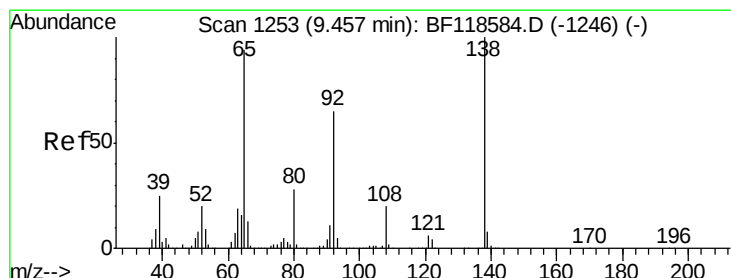
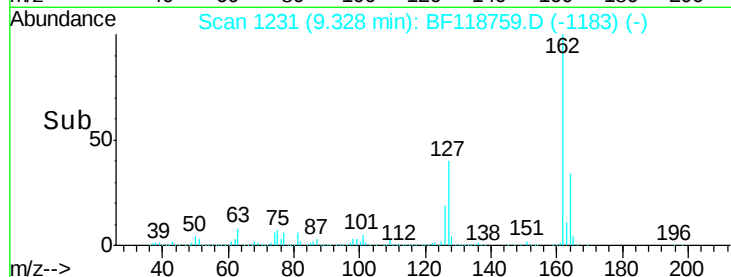
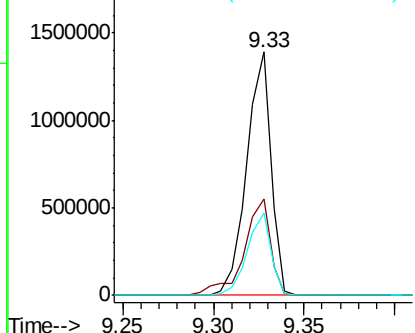
#47
 2-Chloronaphthalene
 Concen: 38.036 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1294868
 Ion Ratio Lower Upper
 162 100
 127 39.5 32.9 49.3
 164 33.8 27.5 41.3

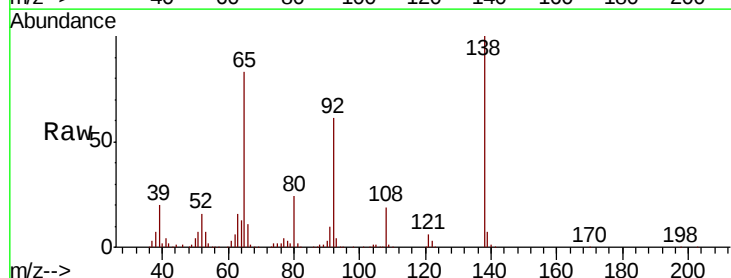


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

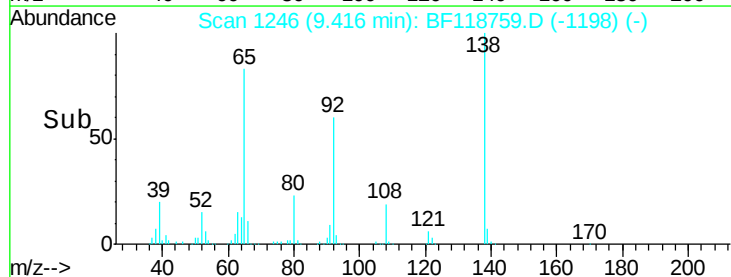
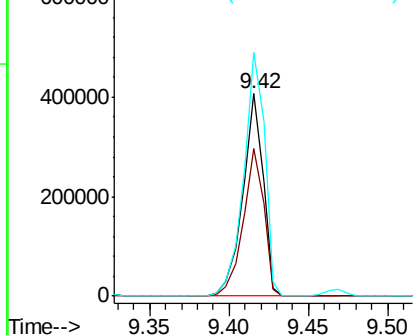


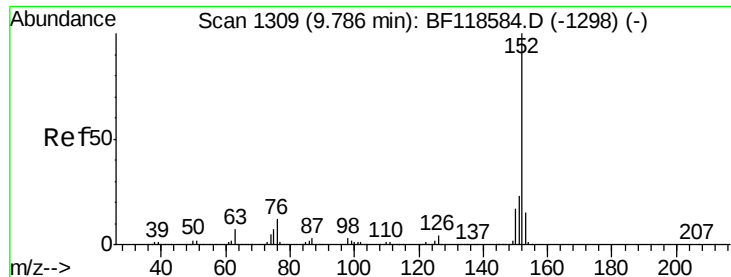
#48
 2-Nitroaniline
 Concen: 34.532 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion: 65 Resp: 361368
 Ion Ratio Lower Upper
 65 100
 92 72.8 57.8 86.6
 138 120.2 95.1 142.7



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





#49

Acenaphthylene

Concen: 42.449 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

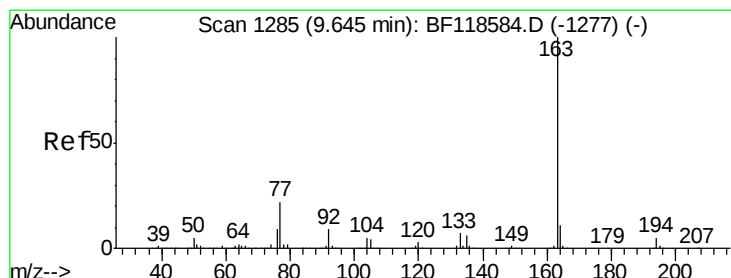
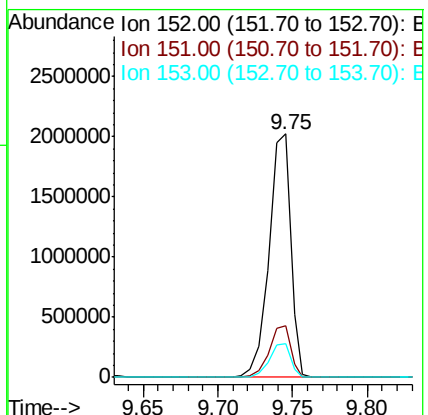
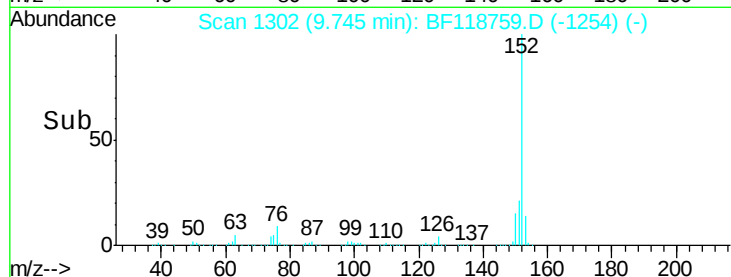
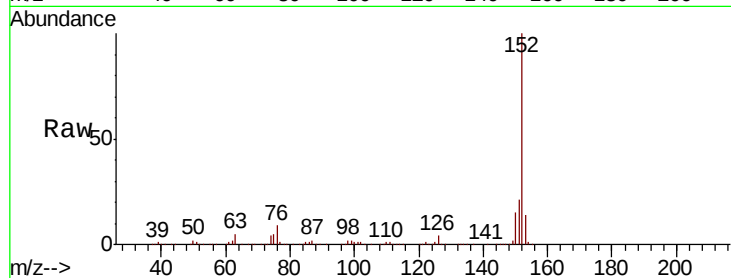
Tot Ion:152 Resp: 2032968

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

153 13.9 11.0 16.4



#50

Dimethylphthalate

Concen: 45.563 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

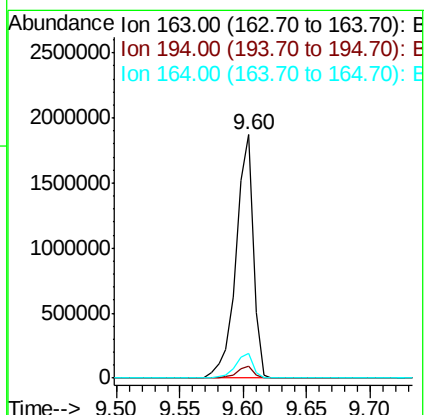
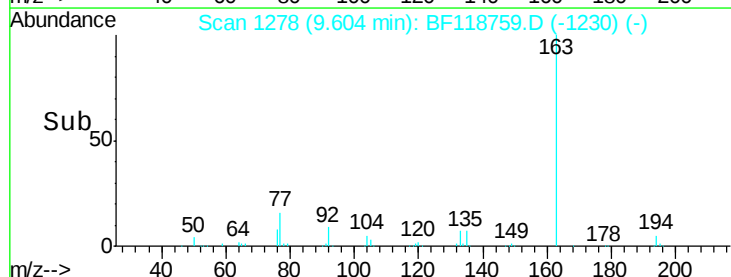
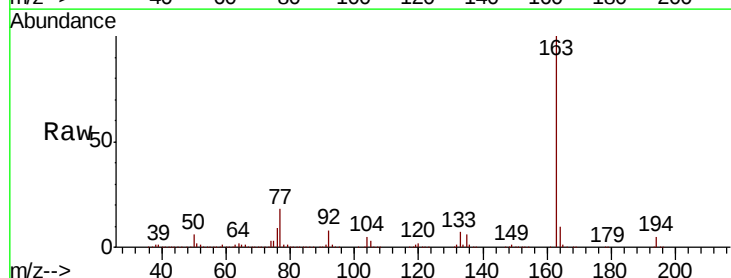
Tgt Ion:163 Resp: 1739616

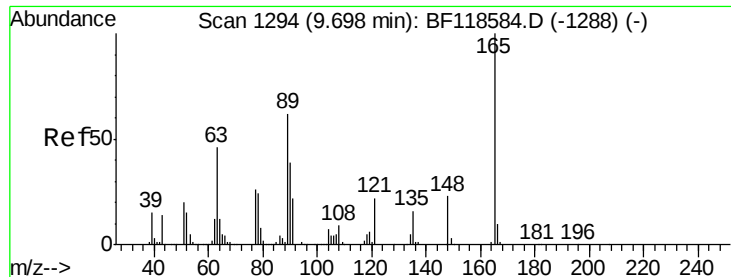
Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

164 10.4 8.2 12.2

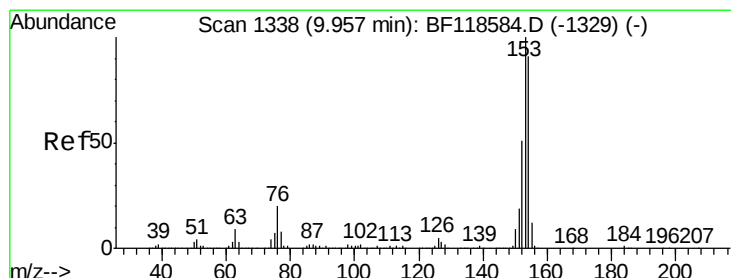
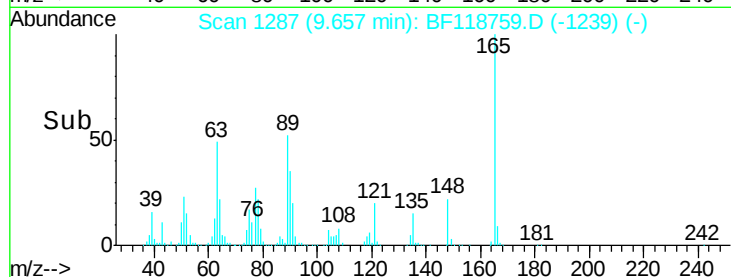
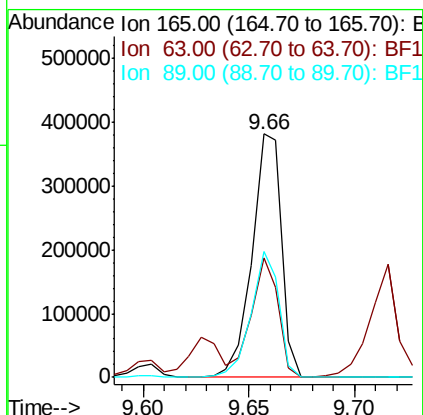
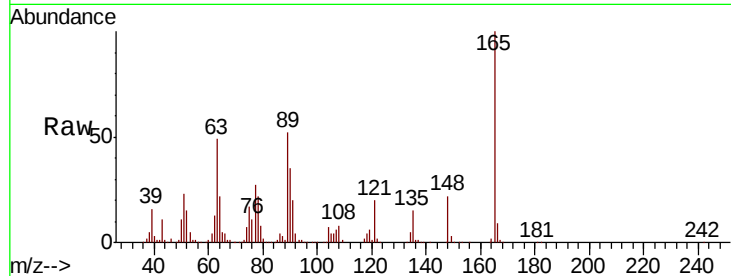




#51
2,6-Dinitrotoluene
Concen: 43.554 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

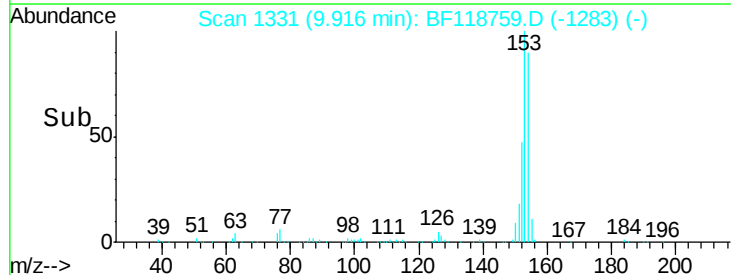
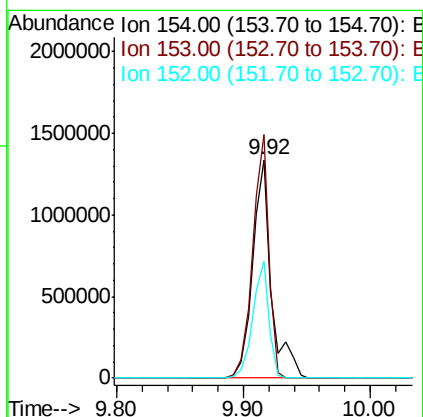
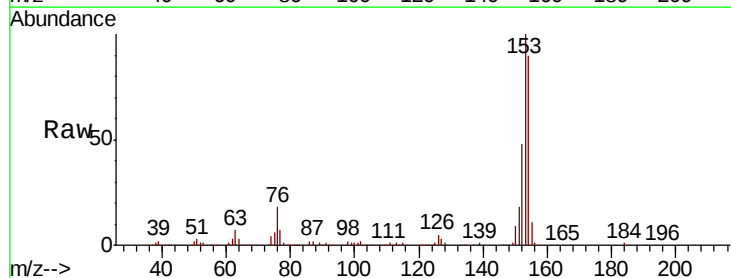
Instrument :
BNA_F
ClientSampled :

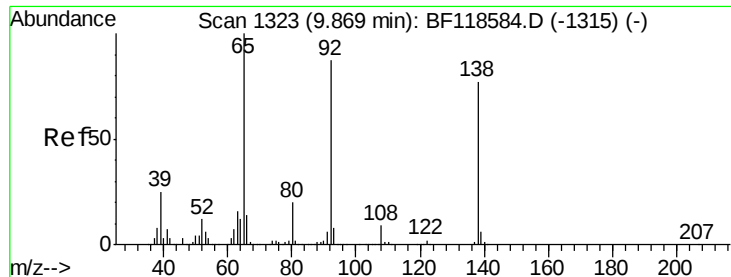
Tot Ion:165 Resp: 372378
Ion Ratio Lower Upper
165 100
63 49.2 39.8 59.6
89 51.9 41.4 62.2



#52
Acenaphthene
Concen: 43.043 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:154 Resp: 1378405
Ion Ratio Lower Upper
154 100
153 111.5 89.1 133.7
152 53.5 43.0 64.6

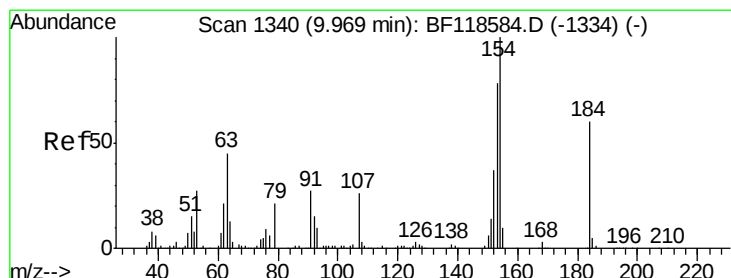
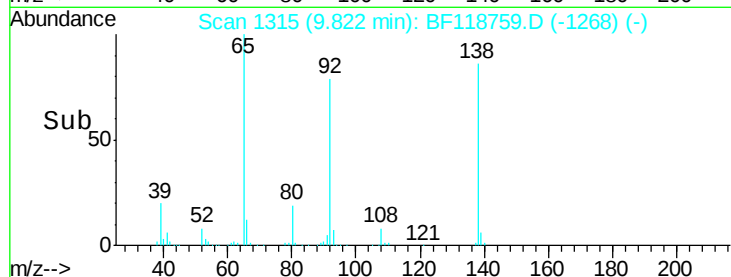
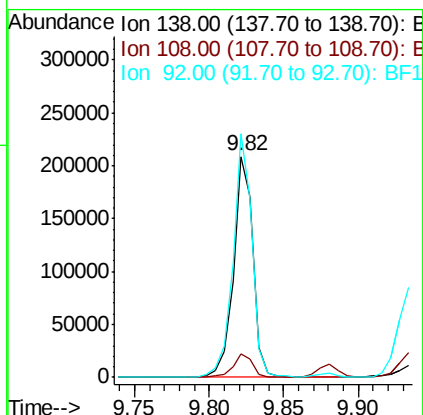
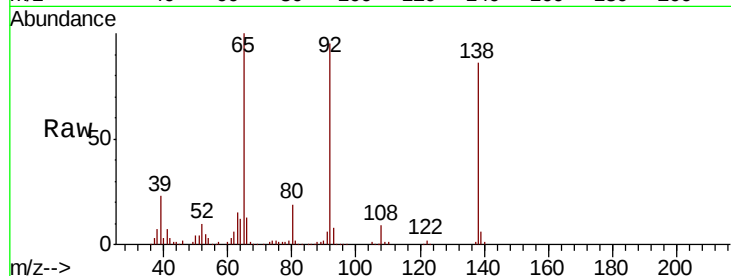




#53
3-Nitroaniline
Concen: 19.504 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

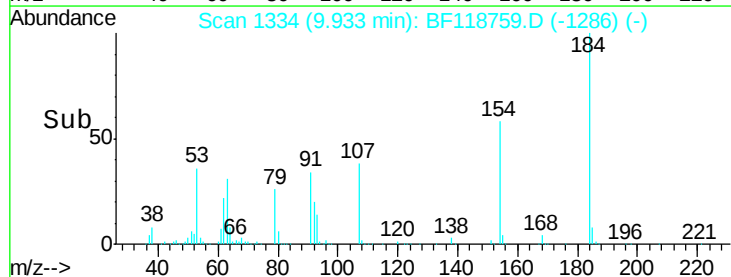
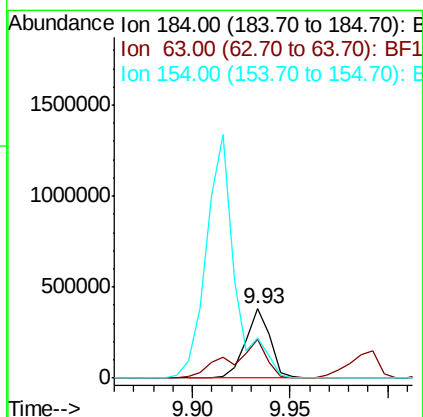
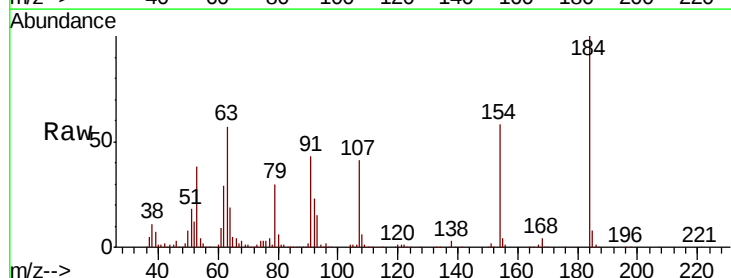
Instrument :
BNA_F
ClientSampleId :

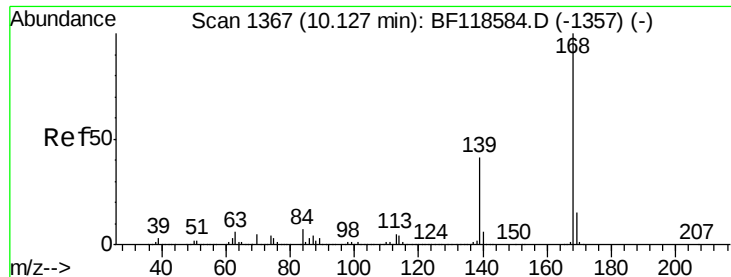
Tot Ion:138 Resp: 190410
Ion Ratio Lower Upper
138 100
108 10.7 8.8 13.2
92 110.2 87.8 131.6



#54
2,4-Dinitrophenol
Concen: 98.784 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:184 Resp: 337176
Ion Ratio Lower Upper
184 100
63 56.6 36.0 54.0#
154 58.3 44.6 66.8

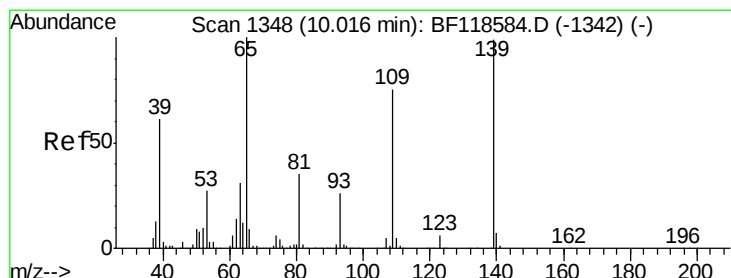
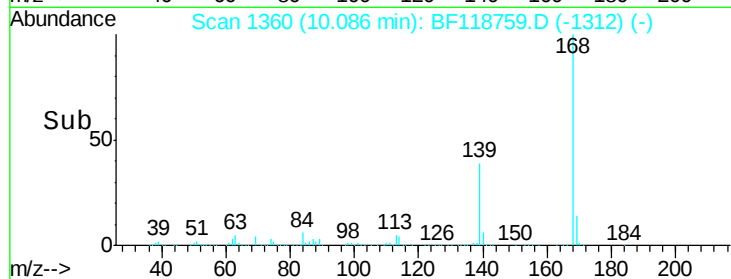
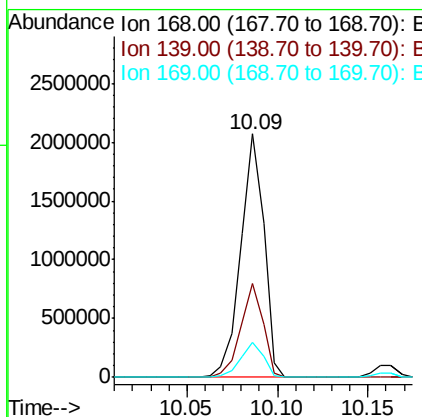
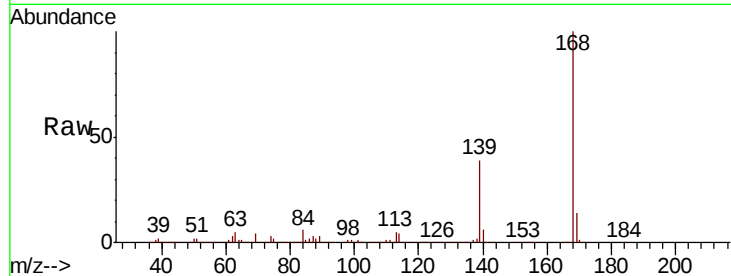




#55
Dibenzofuran
Concen: 41.423 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

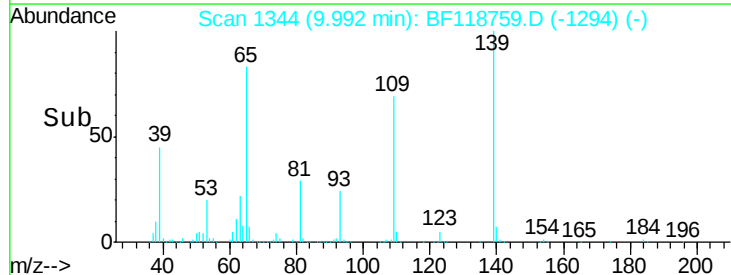
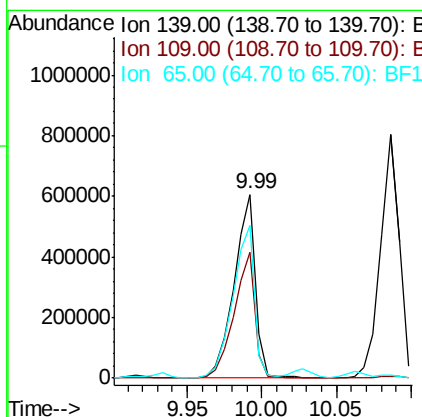
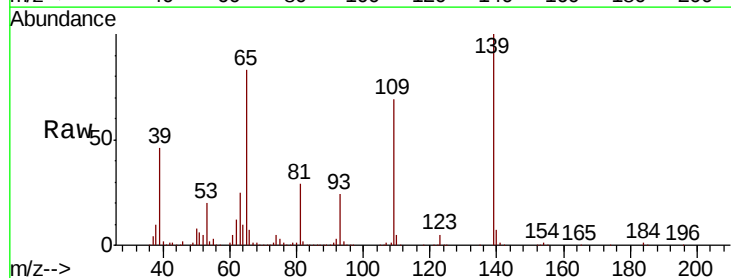
Instrument :
BNA_F
ClientSampleId :

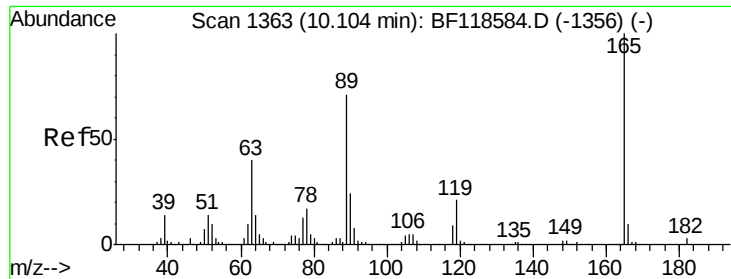
Tot Ion:168 Resp: 1838305
Ion Ratio Lower Upper
168 100
139 38.8 31.6 47.4
169 14.2 11.4 17.0



#56
4-Nitrophenol
Concen: 82.500 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:139 Resp: 608014
Ion Ratio Lower Upper
139 100
109 68.5 47.0 87.0
65 82.9 65.7 105.7

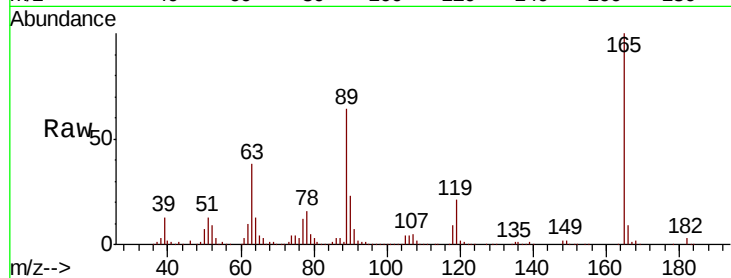




#57
2,4-Dinitrotoluene
Concen: 46.534 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.3	28.5	42.7
89	64.2	50.4	75.6
182	3.0	2.3	3.5

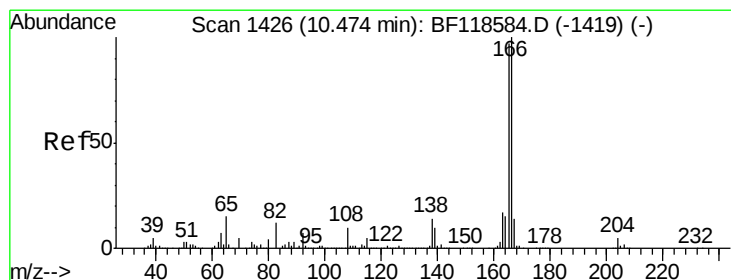
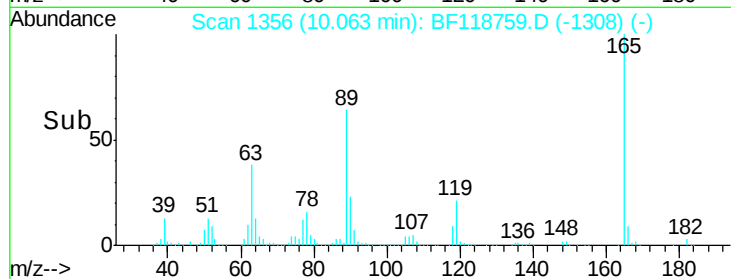
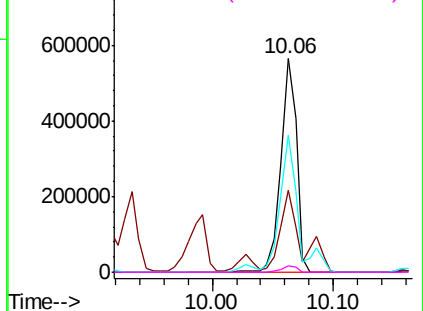


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

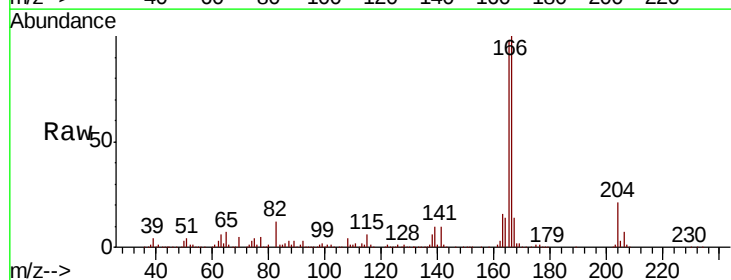
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.339 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

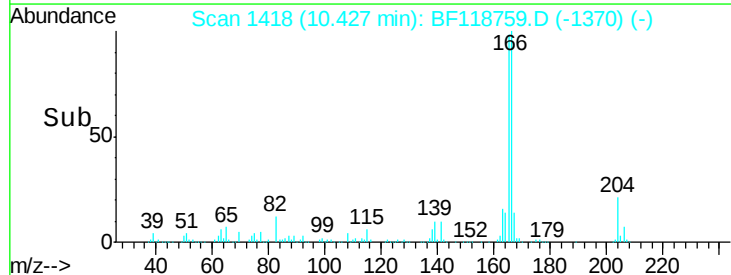
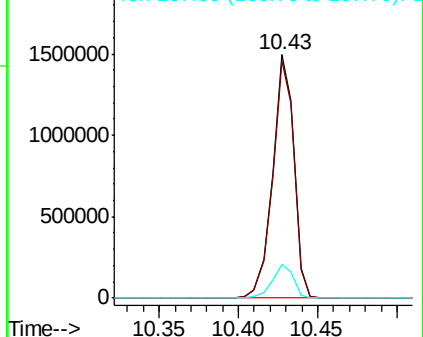
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.6	118.0
167	14.0	11.4	17.2

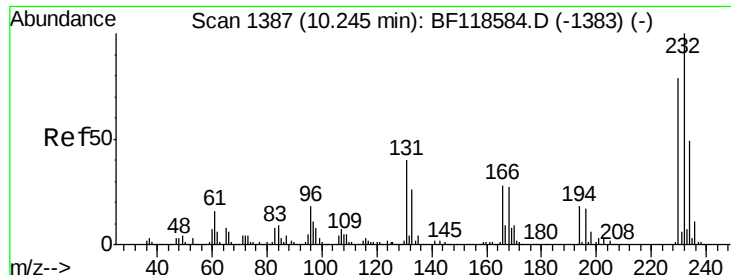


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

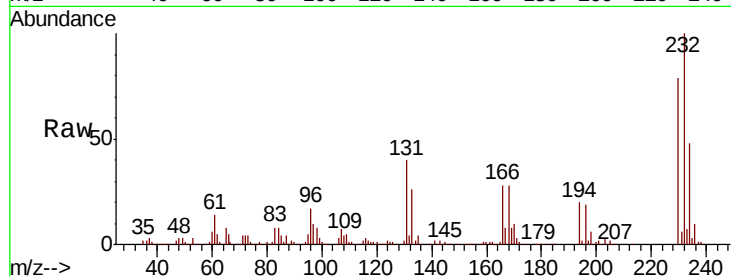




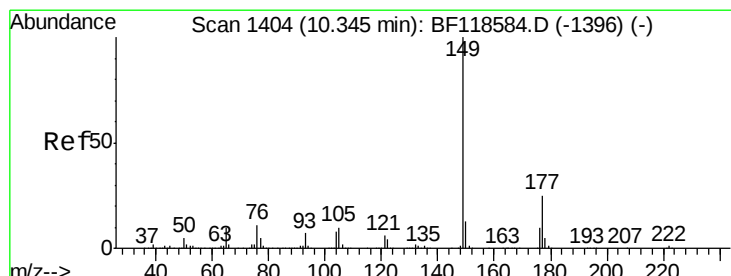
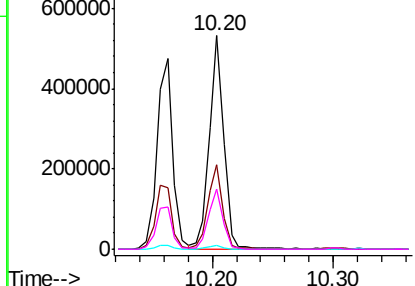
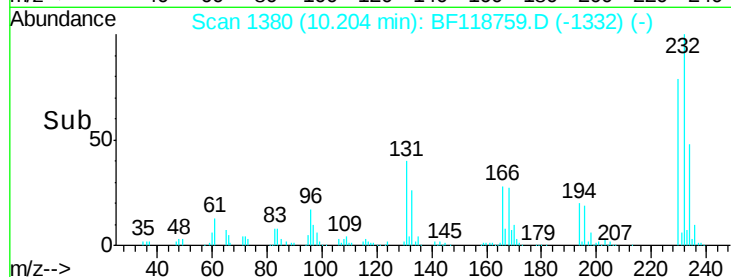
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.256 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 440007
Ion Ratio Lower Upper
232 100
131 39.9 31.8 47.6
130 2.0 1.5 2.3
166 28.1 22.8 34.2

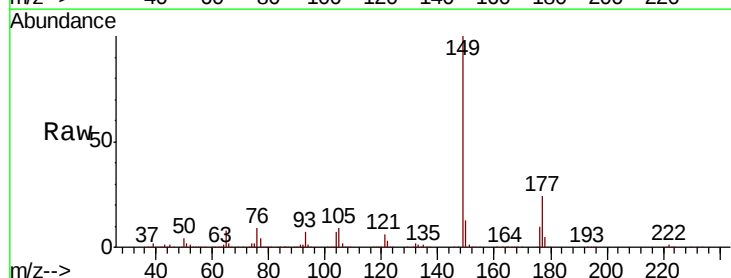


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

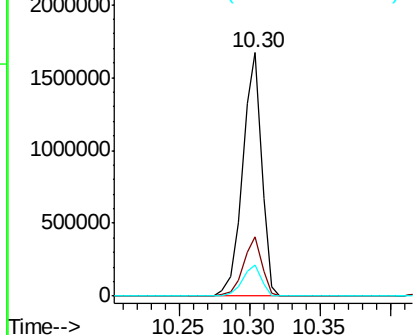
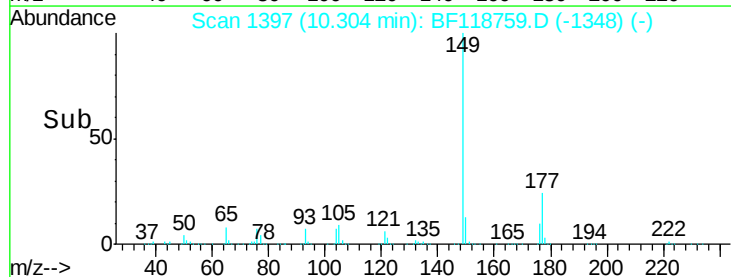


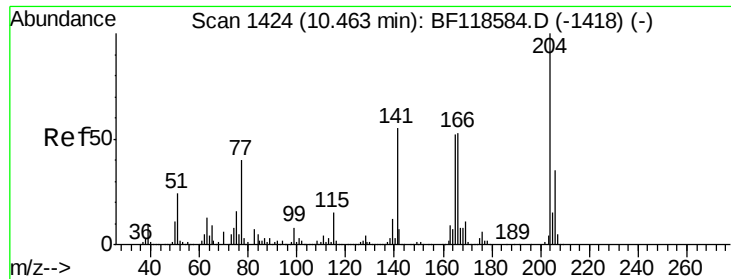
#60
Diethylphthalate
Concen: 42.047 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:149 Resp: 1556526
Ion Ratio Lower Upper
149 100
177 24.2 19.1 28.7
150 13.0 10.5 15.7



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

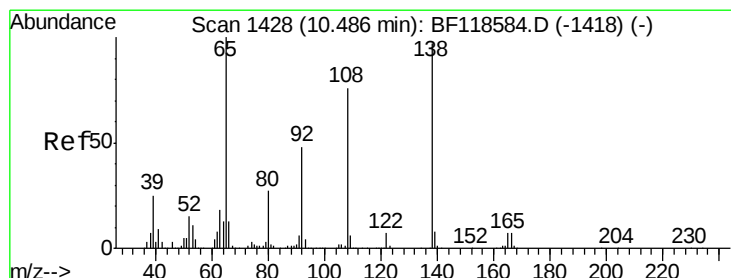
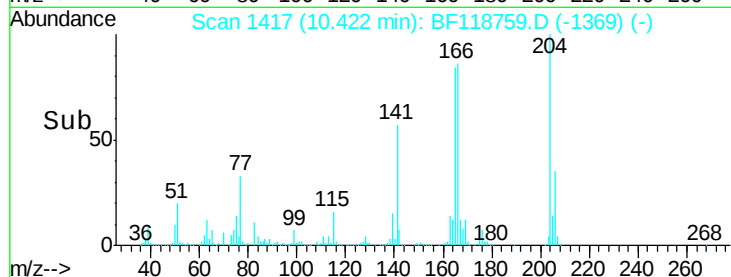
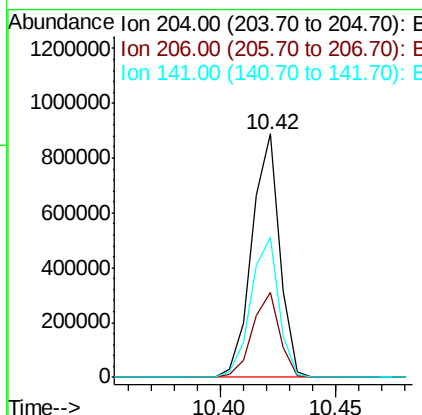
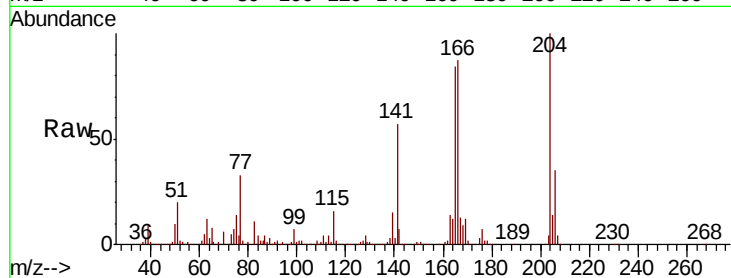




#61
4-Chlorophenyl-phenylether
Concen: 39.390 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

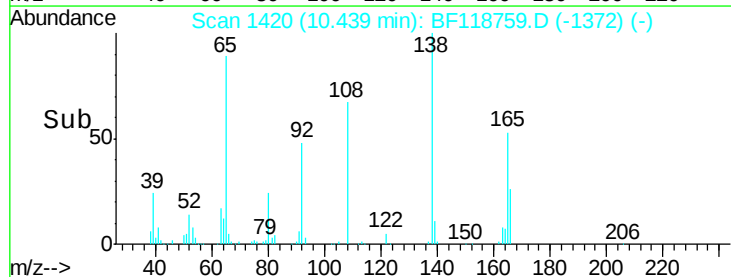
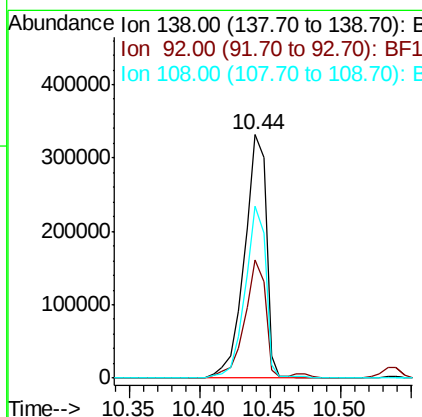
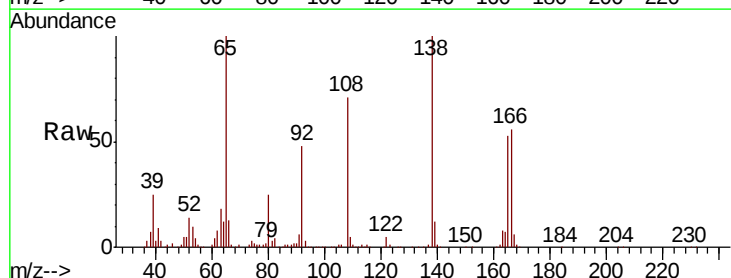
Instrument :
BNA_F
ClientSampled :

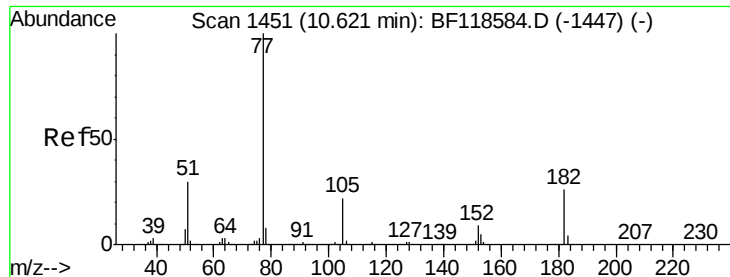
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.0	40.6
141	57.3	43.9	65.9



#62
4-Nitroaniline
Concen: 35.864 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.2	69.2
108	70.9	50.8	90.8

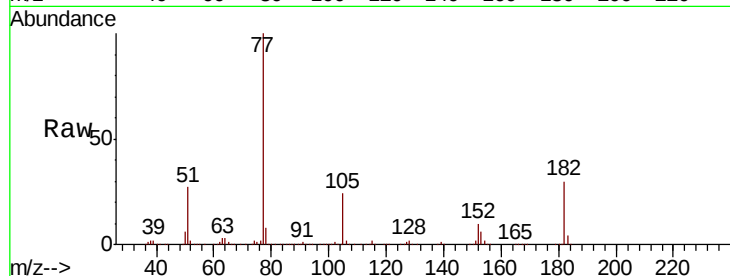




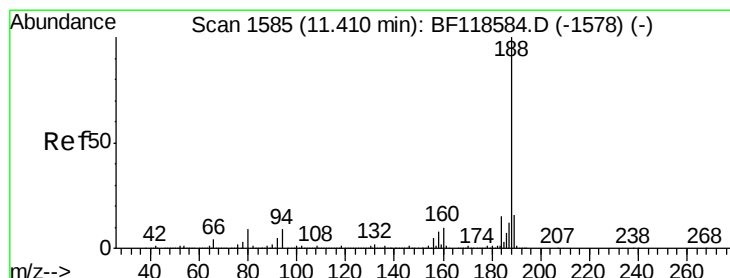
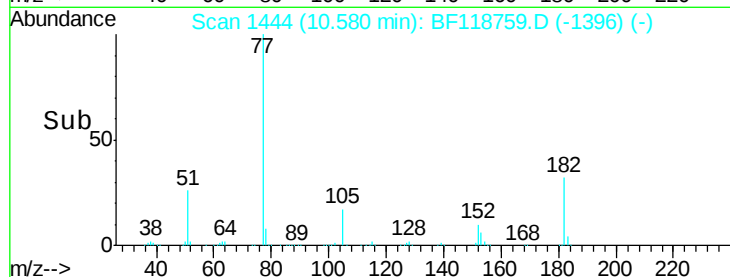
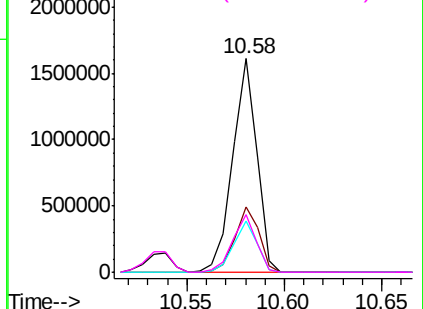
#63
Azobenzene
Concen: 38.407 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 1376948
Ion Ratio Lower Upper
77 100
182 30.4 12.3 52.3
105 23.7 4.0 44.0
51 27.2 7.2 47.2

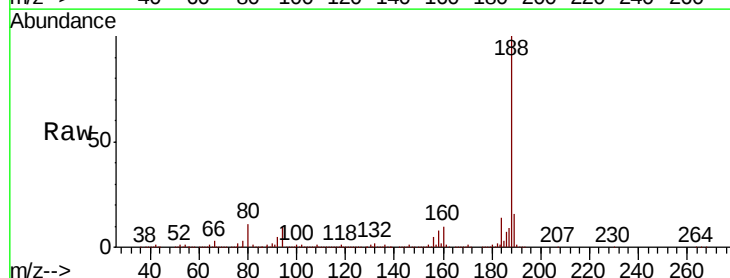


Abundance Ion 77.00 (76.70 to 77.70): BF1
2500000
Ion 182.00 (181.70 to 182.70): E
2000000
Ion 105.00 (104.70 to 105.70): E
1500000
Ion 51.00 (50.70 to 51.70): BF1
1000000
500000
0

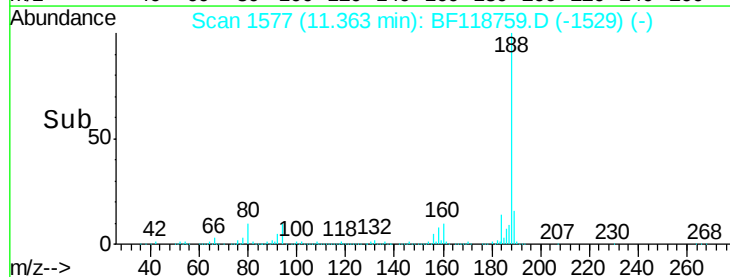
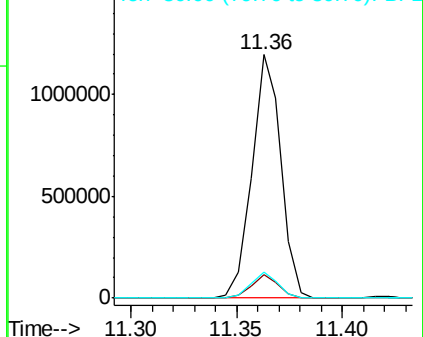


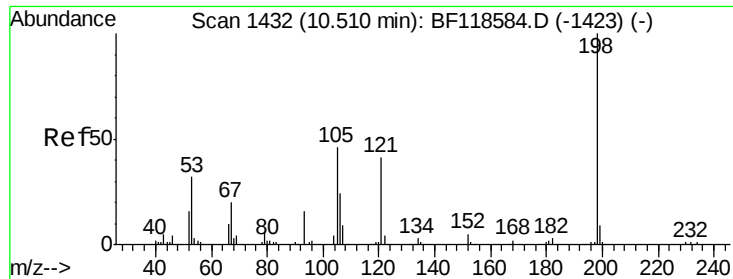
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion: 188 Resp: 1136038
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E
1500000
Ion 94.00 (93.70 to 94.70): BF1
1000000
Ion 80.00 (79.70 to 80.70): BF1
500000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 53.289 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

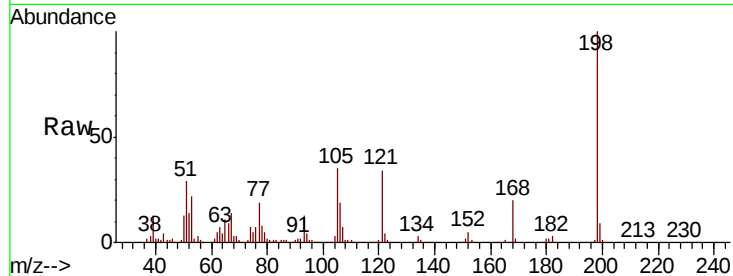
Tot Ion:198 Resp: 266203

Ion Ratio Lower Upper

198 100

51 29.4 9.6 49.6

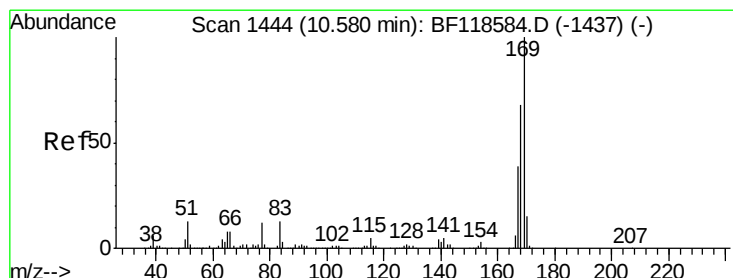
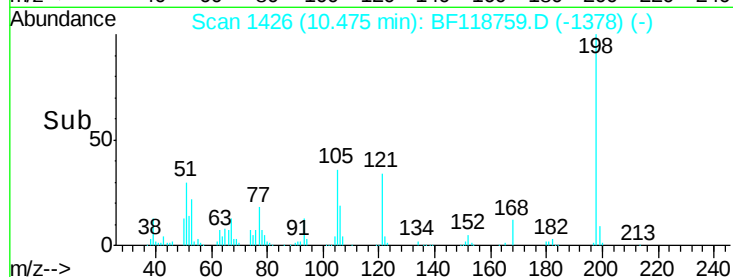
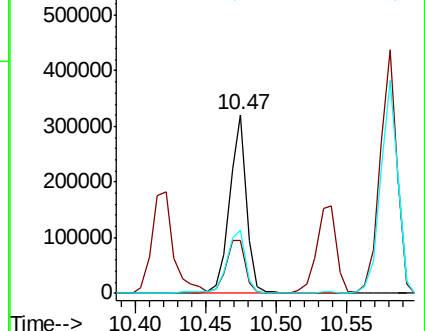
105 35.3 15.5 55.5



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: 38.819 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

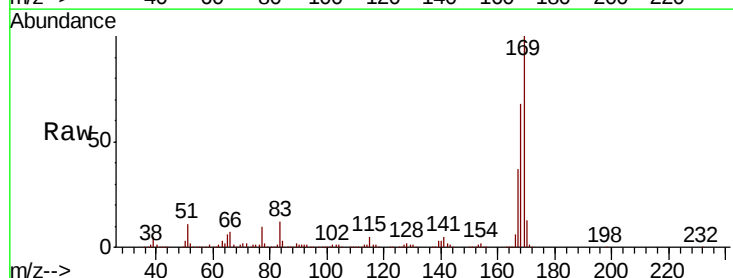
Tgt Ion:169 Resp: 1329952

Ion Ratio Lower Upper

169 100

168 67.9 53.4 80.0

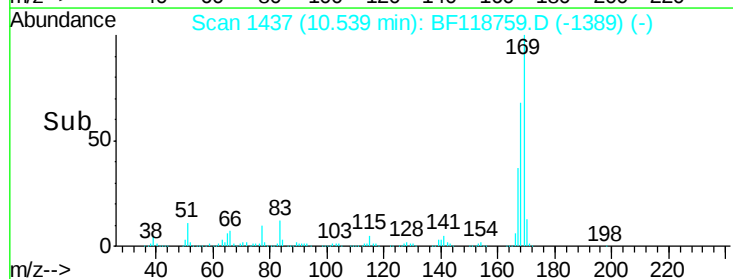
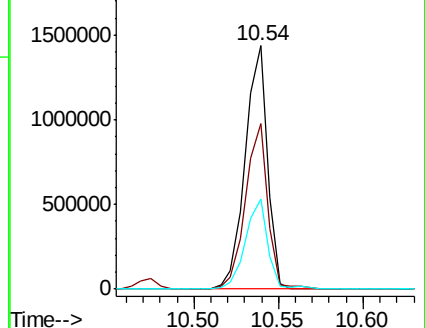
167 37.0 29.2 43.8



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

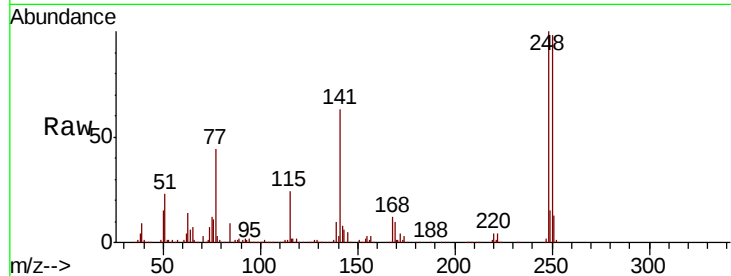




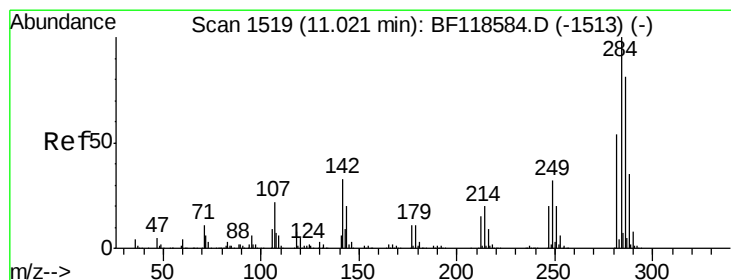
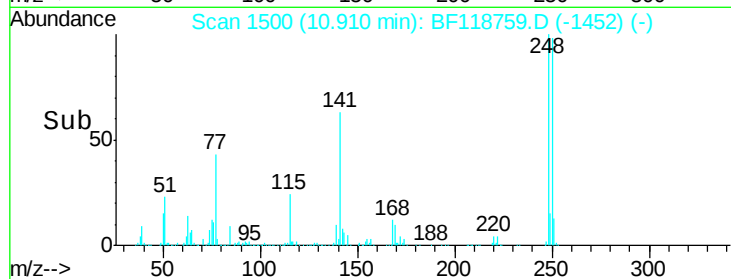
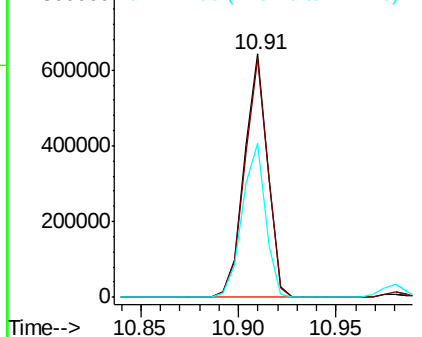
#67
4-Bromophenyl-phenylether
Concen: 37.717 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 529372
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 63.2 48.4 72.6

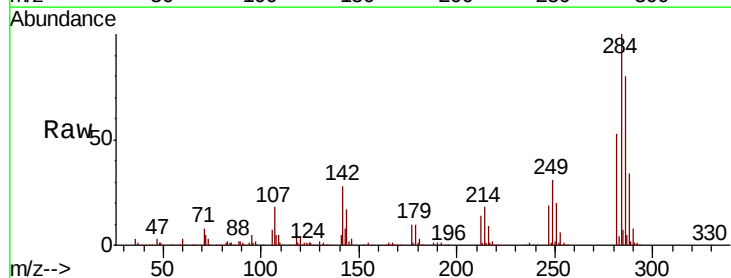


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

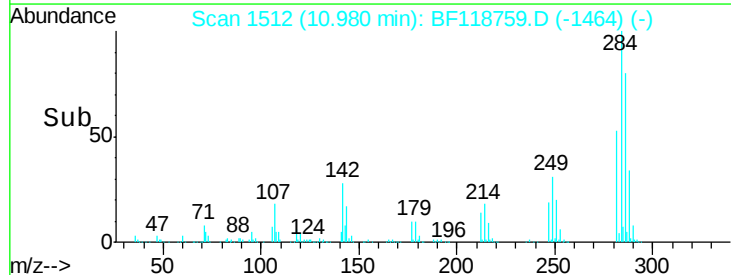
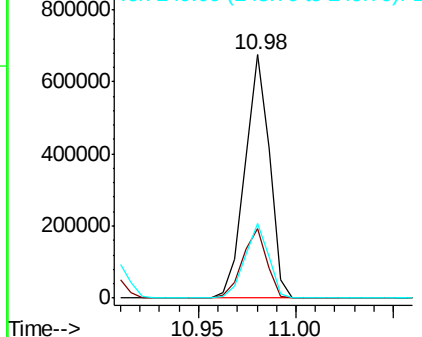


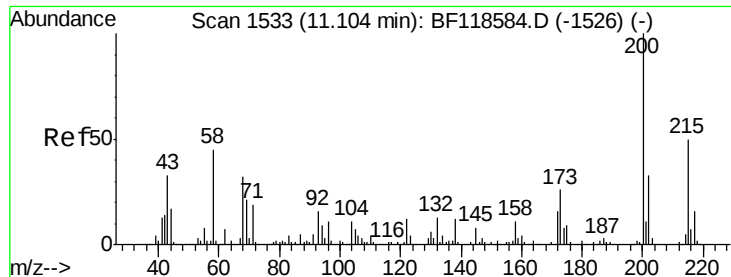
#68
Hexachlorobenzene
Concen: 36.927 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:284 Resp: 587598
Ion Ratio Lower Upper
284 100
142 28.4 23.1 34.7
249 30.9 24.0 36.0



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

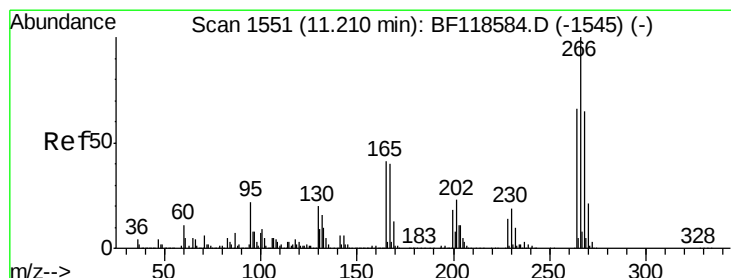
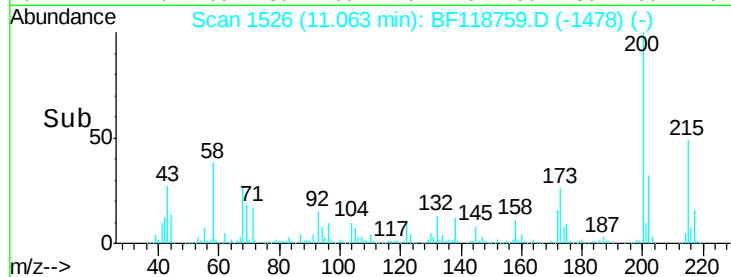
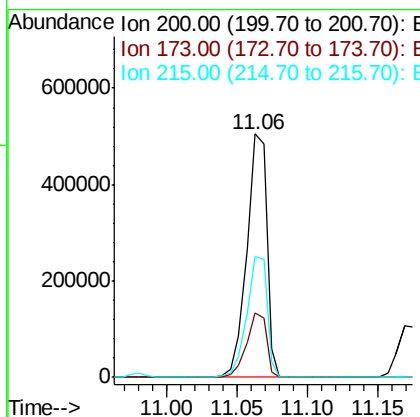
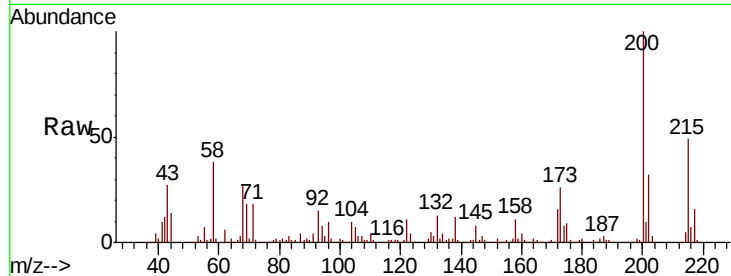




#69
 Atrazine
 Concen: 42.422 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

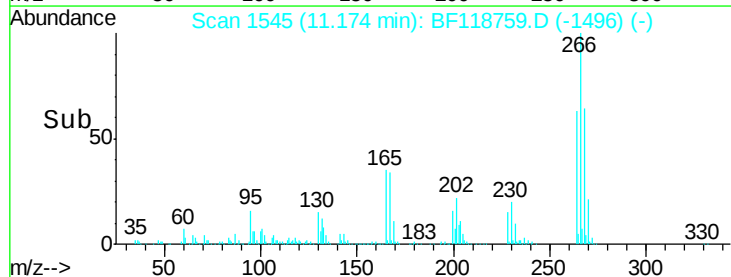
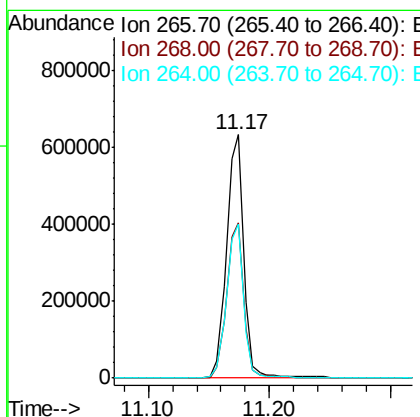
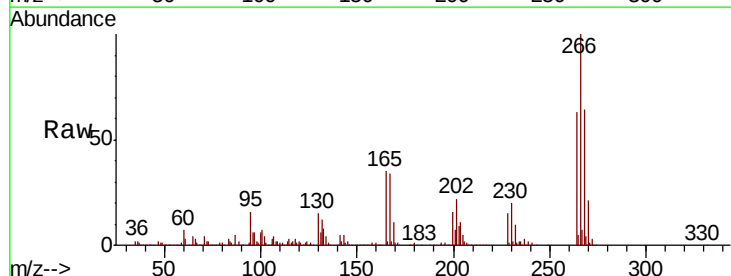
Instrument :
 BNA_F
 ClientSampleId :

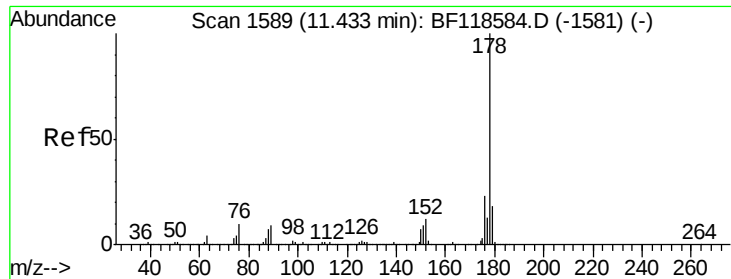
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.8	46.8
215	49.4	30.4	70.4



#70
 Pentachlorophenol
 Concen: 70.853 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.6	77.4
264	63.2	50.9	76.3

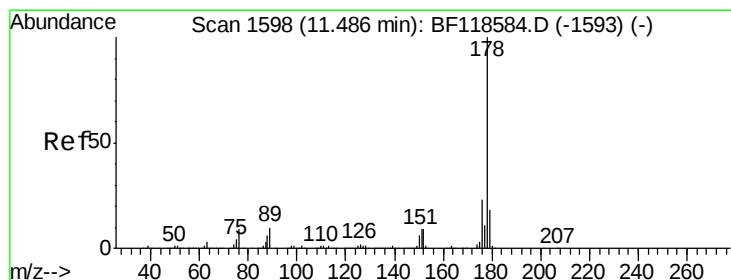
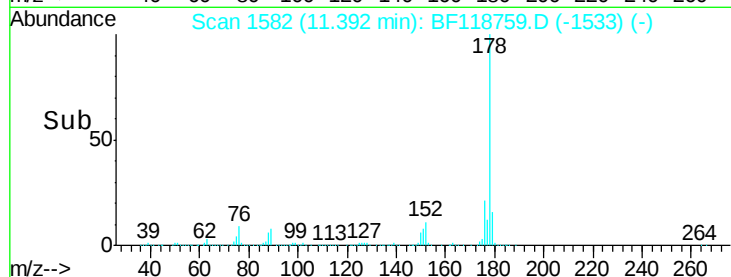
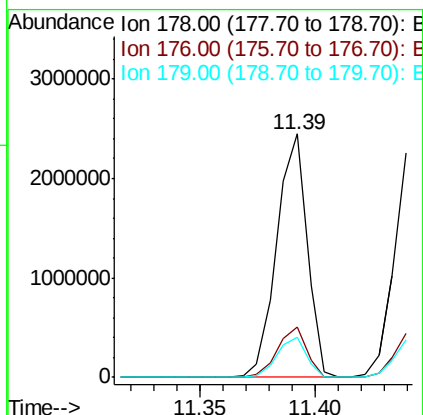
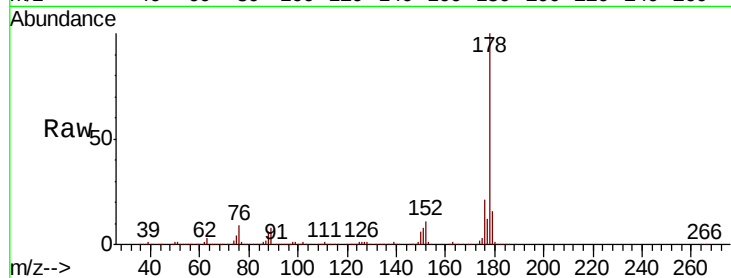




#71
Phenanthrene
Concen: 40.834 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

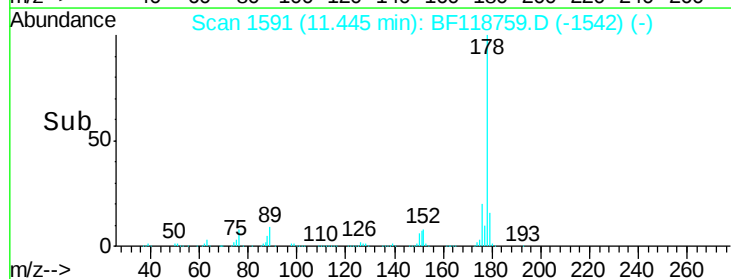
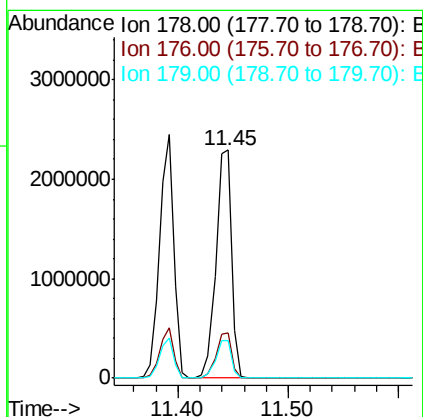
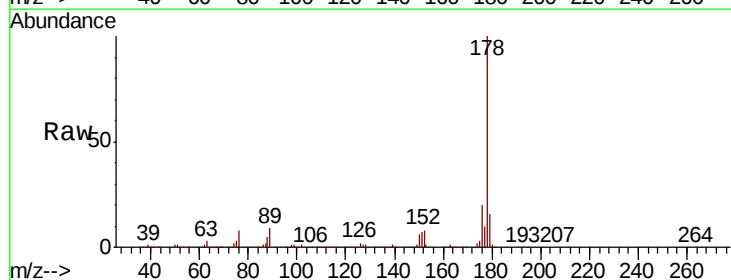
Instrument :
BNA_F
ClientSampleId :

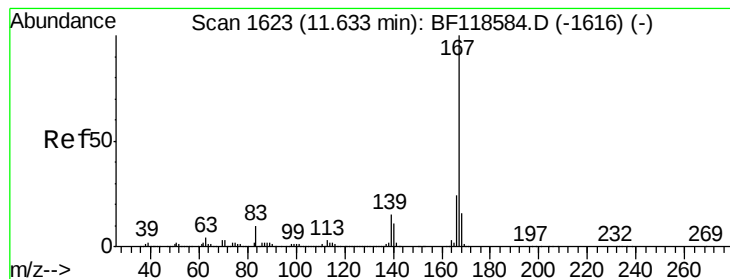
Tot Ion:178 Resp: 2237999
Ion Ratio Lower Upper
178 100
176 20.7 16.5 24.7
179 16.5 13.3 19.9



#72
Anthracene
Concen: 41.392 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:178 Resp: 2244751
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.2 13.3 19.9





#73

Carbazole

Concen: 39.778 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampled :

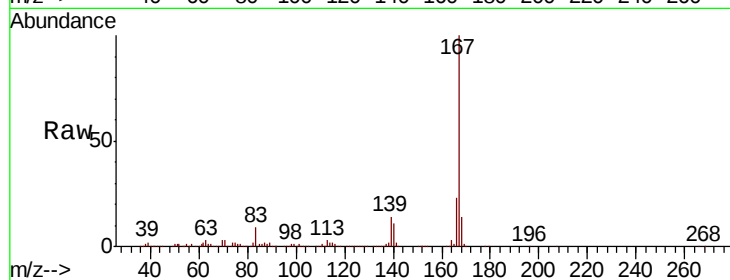
Tot Ion:167 Resp: 1978668

Ion Ratio Lower Upper

167 100

166 23.0 18.3 27.5

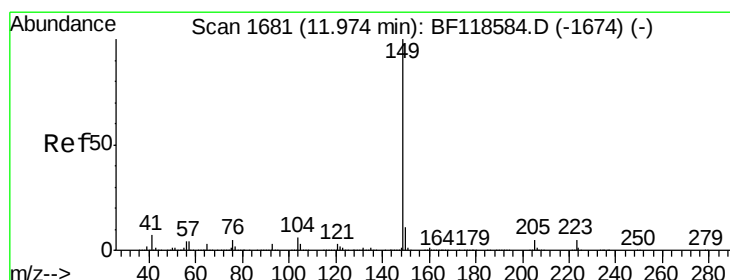
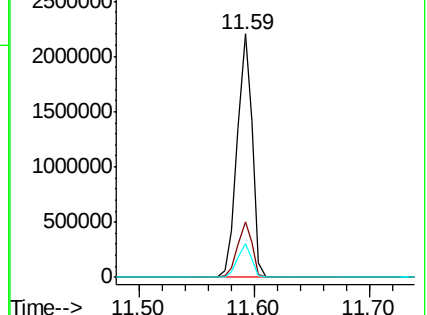
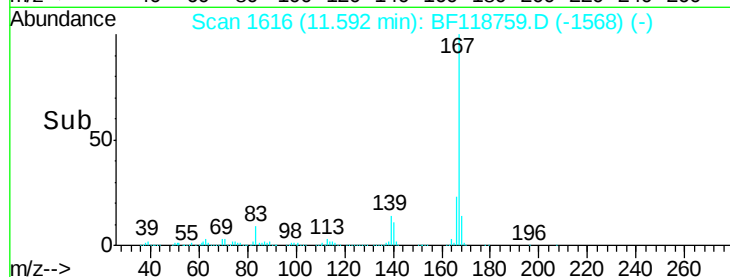
139 13.7 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.597 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

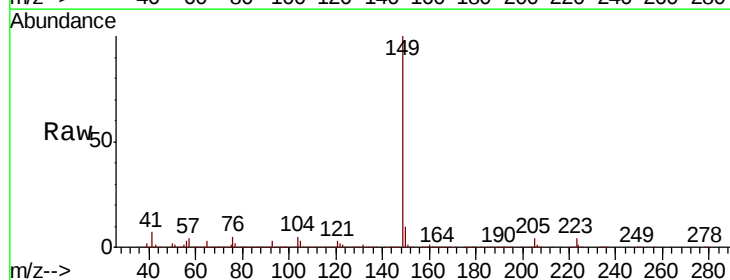
Tgt Ion:149 Resp: 2464703

Ion Ratio Lower Upper

149 100

150 10.2 8.2 12.2

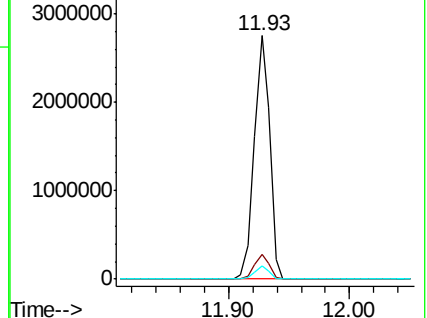
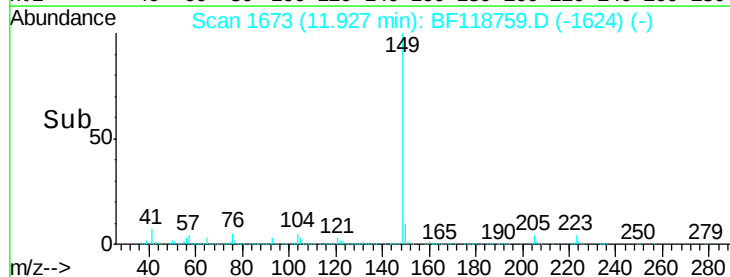
104 5.4 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.775 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

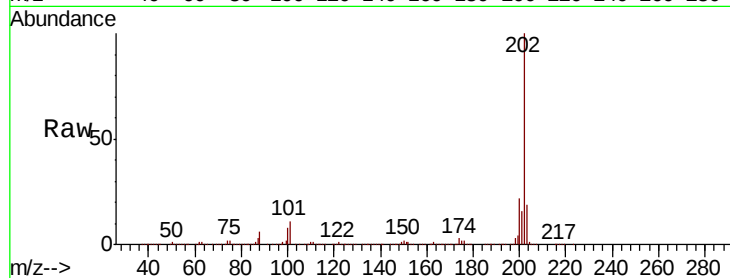
Tot Ion:202 Resp: 2530453

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.1

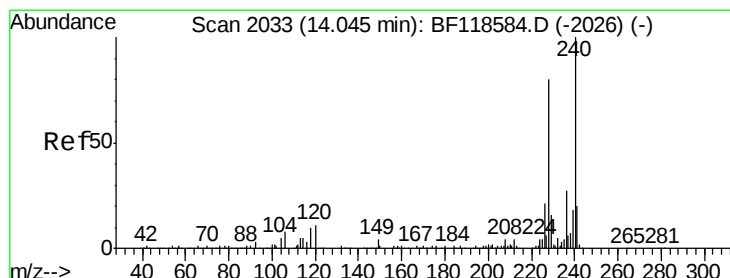
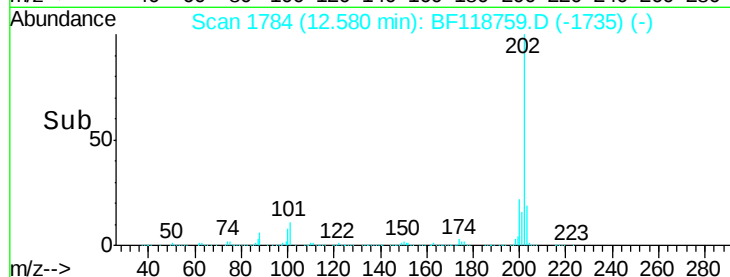
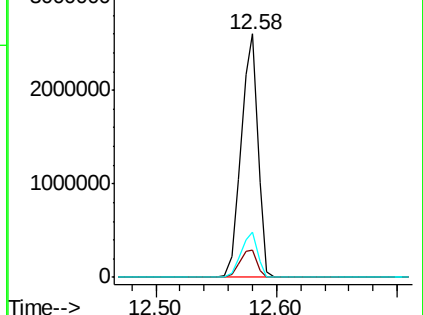
203 18.7 0.0 38.9



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: 14.00 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

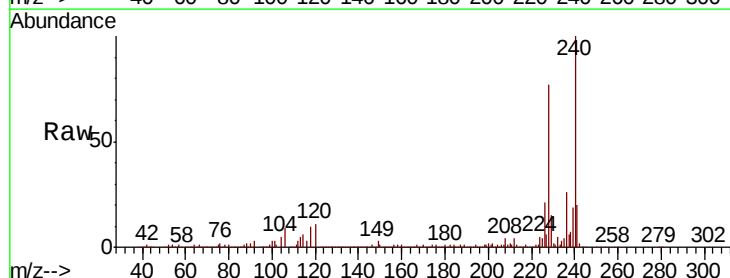
Tgt Ion:240 Resp: 830020

Ion Ratio Lower Upper

240 100

120 11.2 7.6 11.4

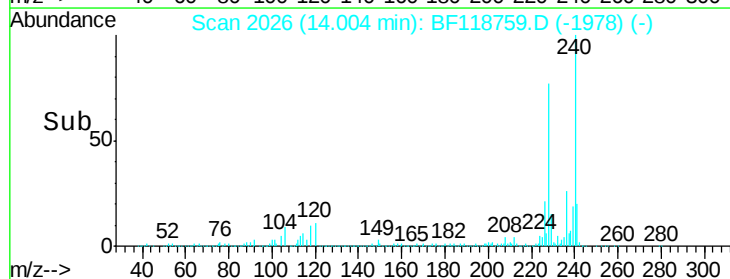
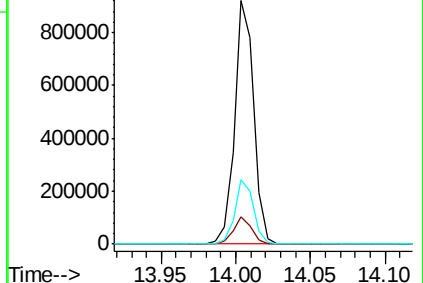
236 26.4 21.0 31.4

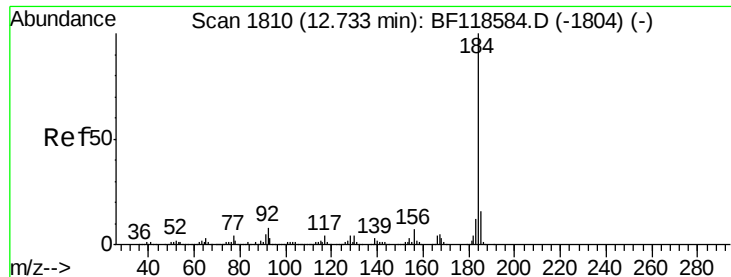


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.985 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

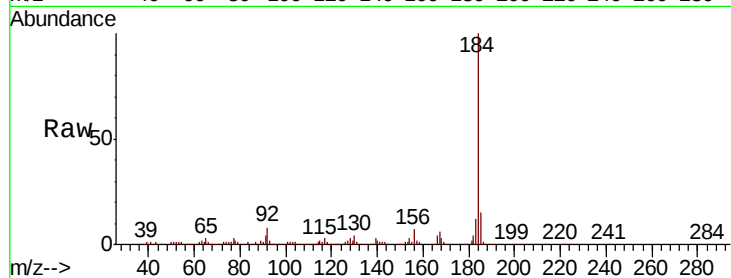
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1241612

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	12.4	9.7	14.5

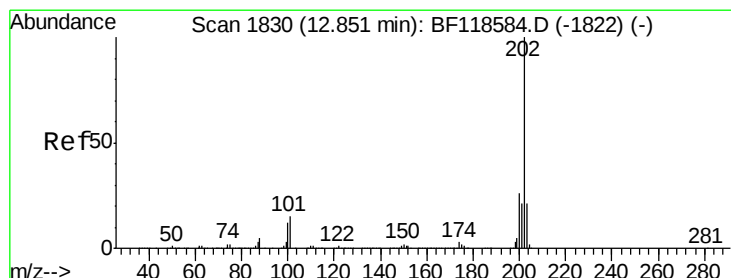
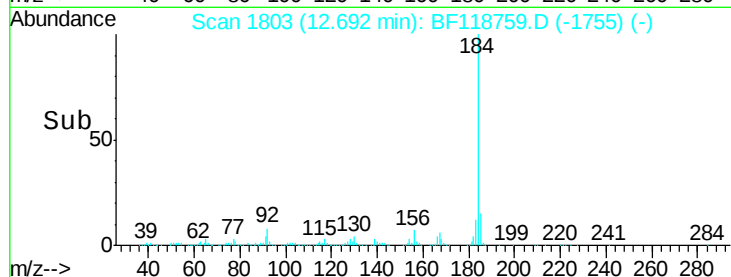
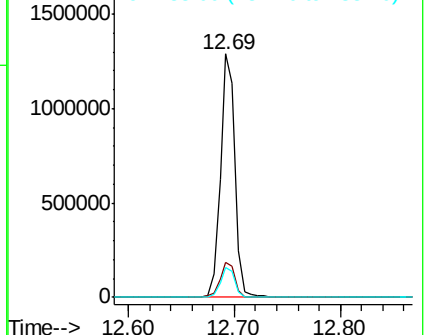


Abundance

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: 44.605 ng

RT: 12.81 min Scan# 1823

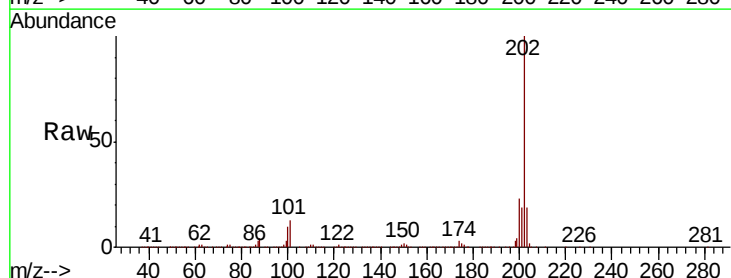
Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Tgt Ion:202 Resp: 2513519

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.1	27.1
203	18.5	15.2	22.8

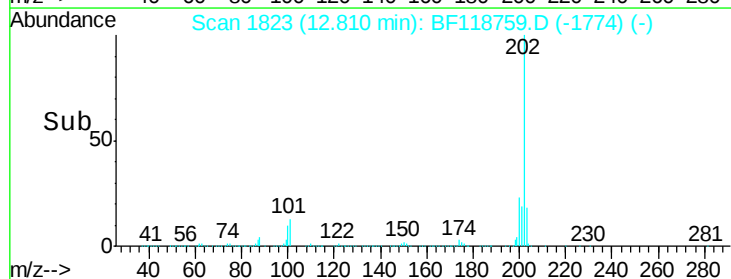
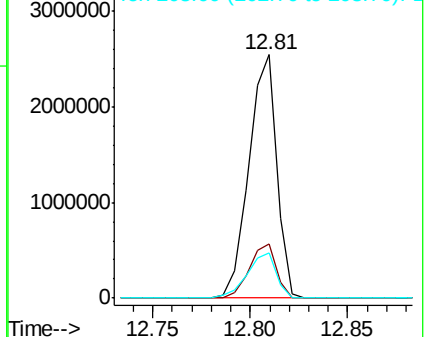


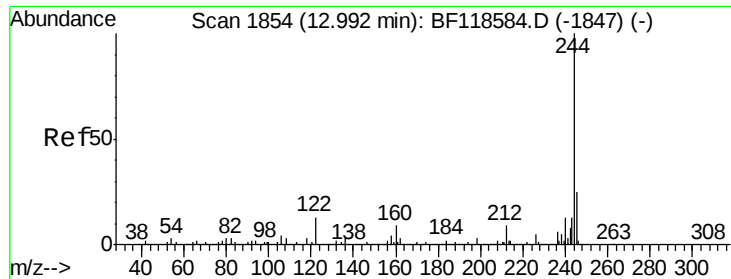
Abundance

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: 75.353 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

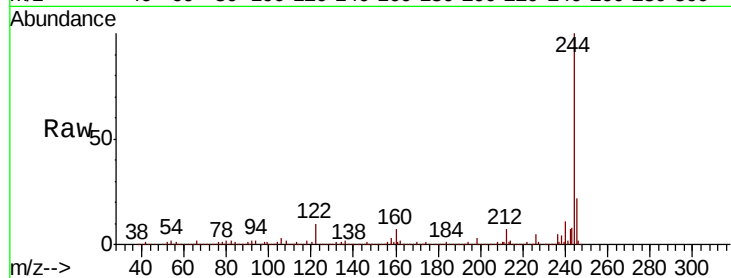
Tot Ion:244 Resp: 2867563

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

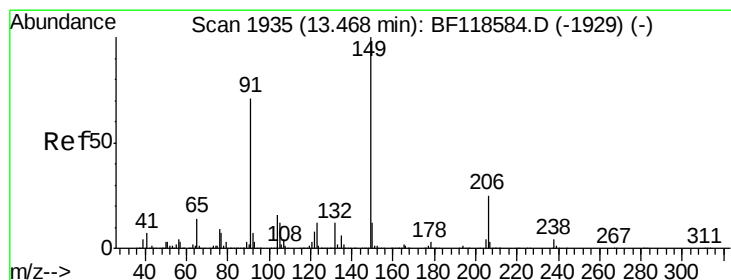
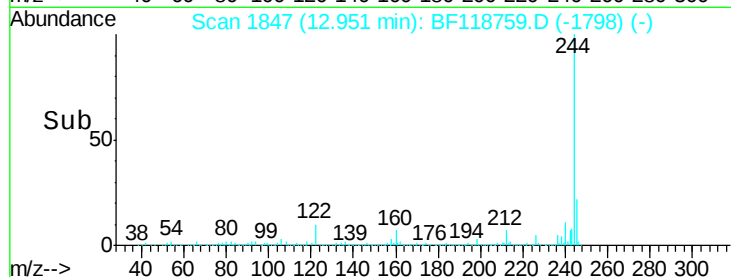
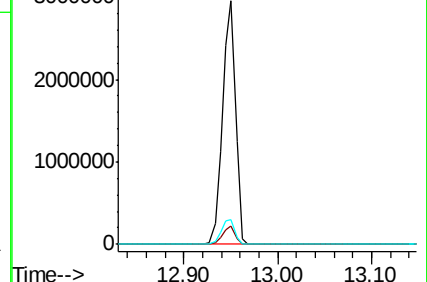
122 10.2 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.790 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

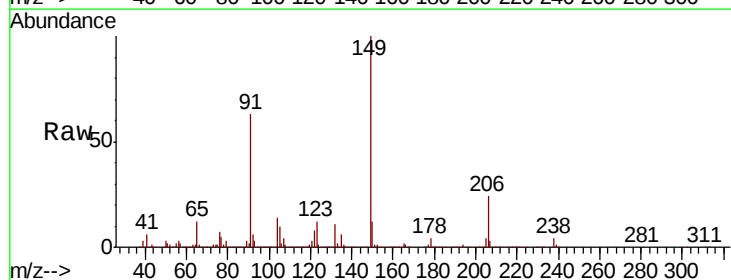
Tgt Ion:149 Resp: 1102139

Ion Ratio Lower Upper

149 100

91 63.0 49.6 74.4

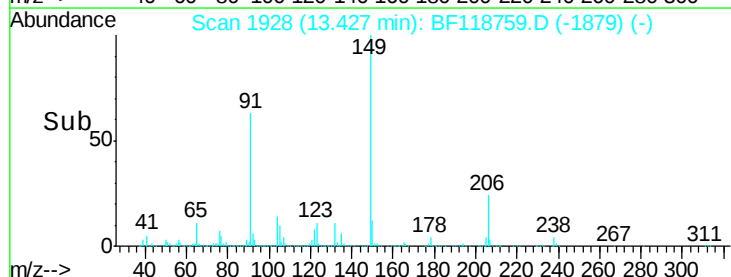
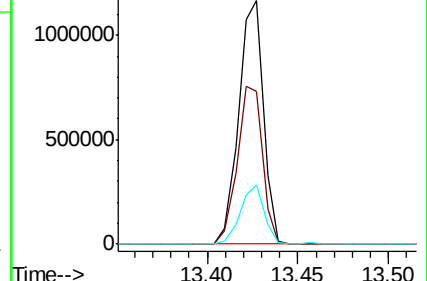
206 24.5 19.9 29.9

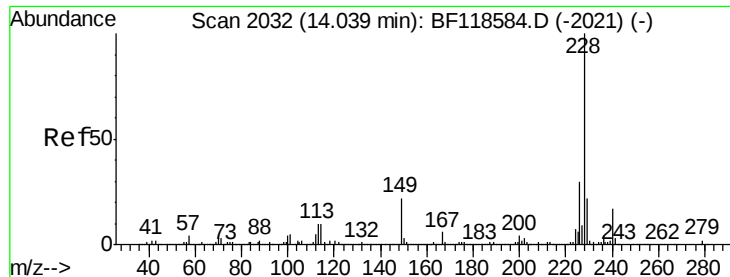


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

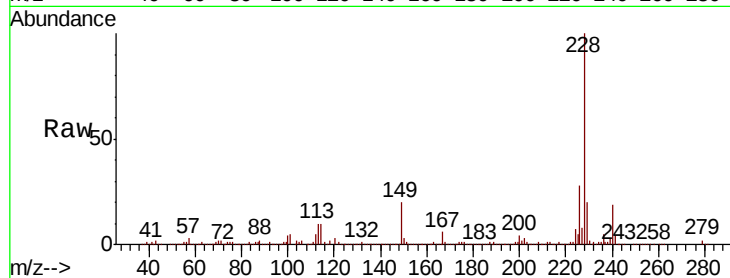




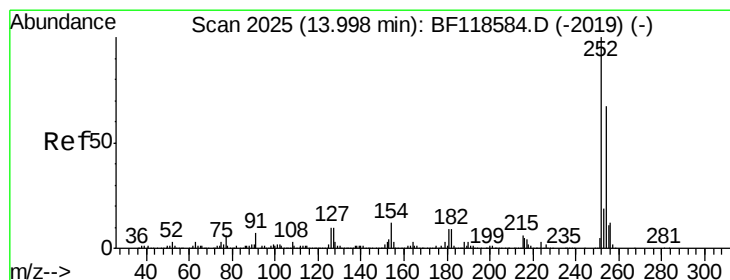
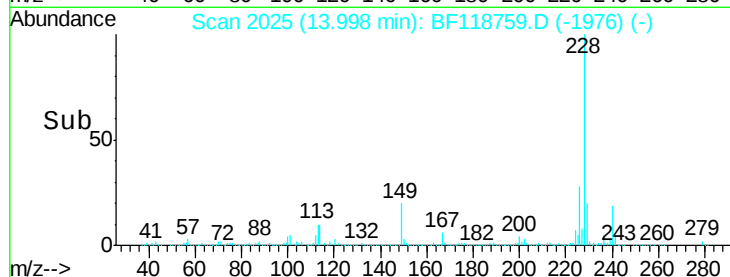
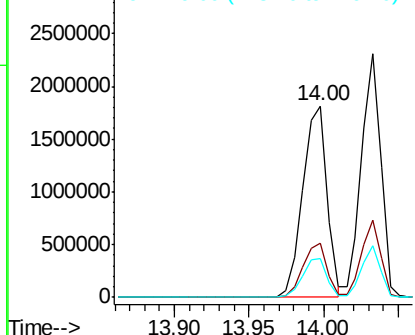
#81
Benzo(a)anthracene
Concen: 40.779 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 2036098
Ion Ratio Lower Upper
228 100
226 28.0 22.6 34.0
229 20.3 16.6 25.0

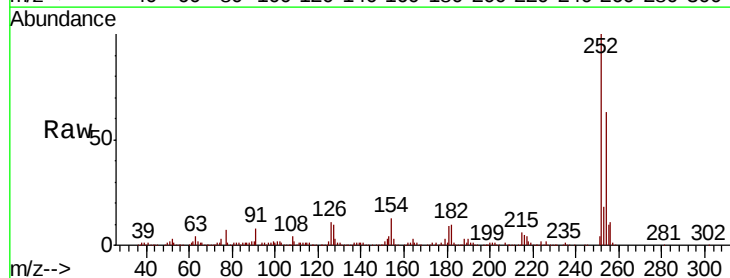


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

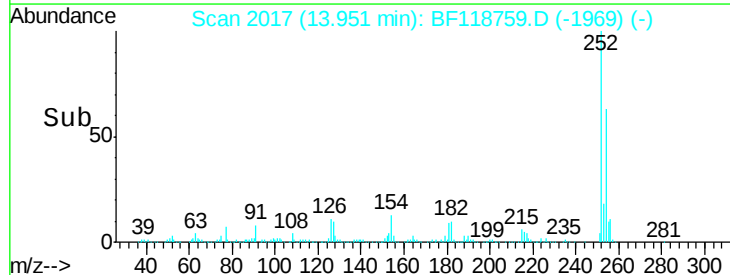
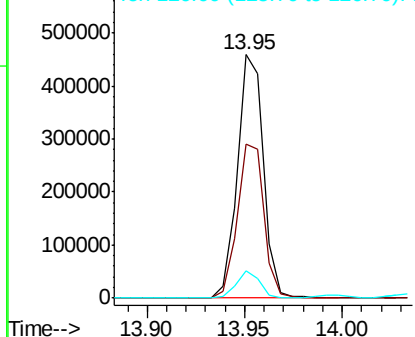


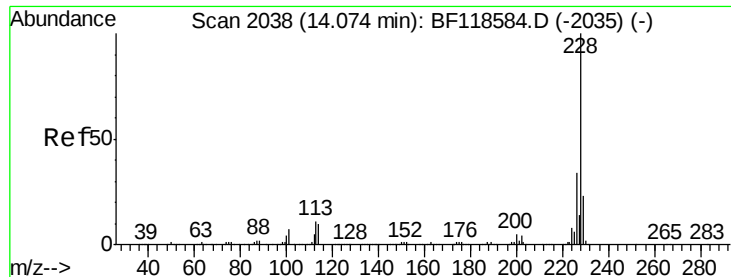
#82
3,3'-Dichlorobenzidine
Concen: 23.691 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:252 Resp: 421497
Ion Ratio Lower Upper
252 100
254 63.4 52.6 78.8
126 11.3 8.1 12.1



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



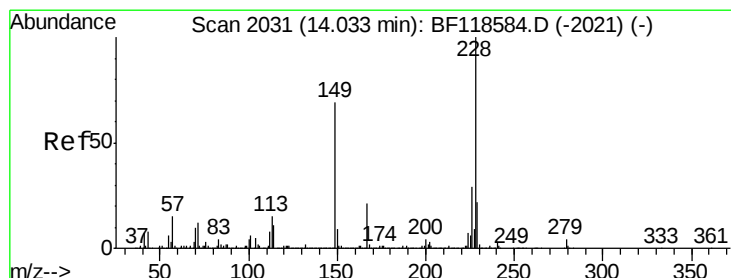
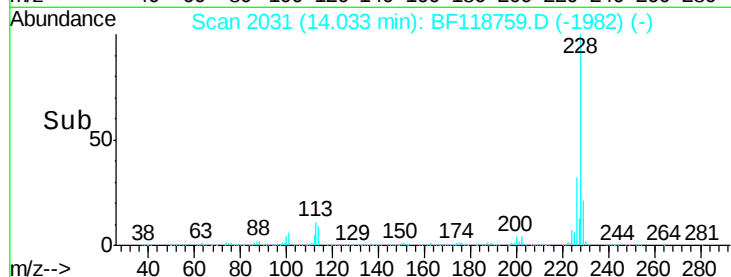
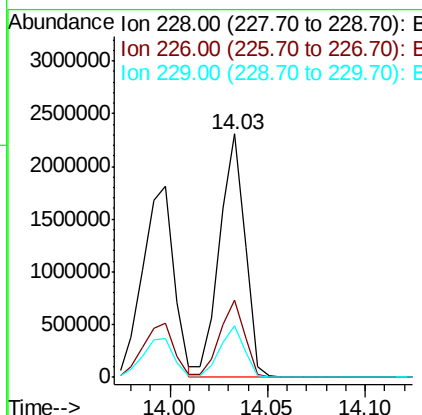
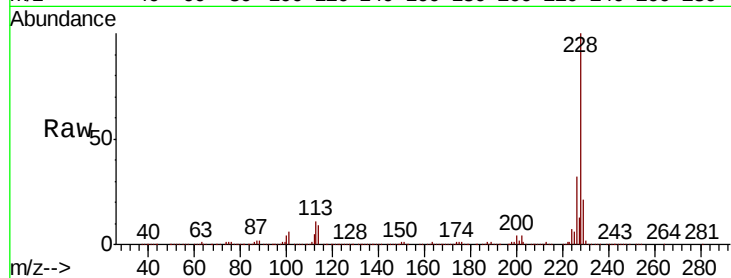


#83
 Chrvsene
 Concen: 43.648 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 2088676

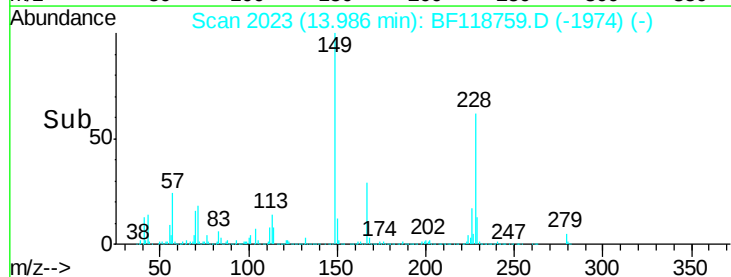
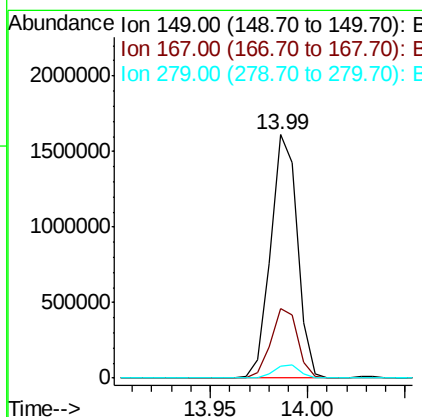
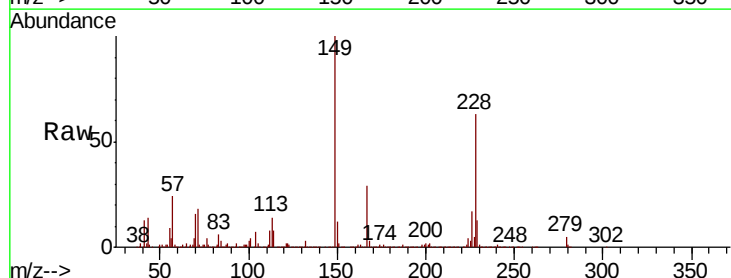
Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.6	38.4
229	21.1	17.1	25.7

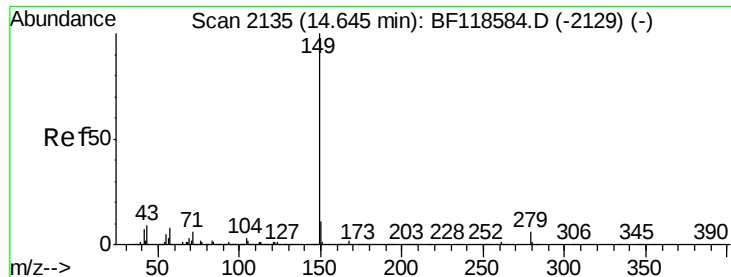


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.114 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF118759.D
 Acq: 30 Jan 2020 18:52

Tgt Ion:149 Resp: 1524697

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.6	35.4
279	5.0	4.5	6.7





#85

Di-n-octyl phthalate

Concen: 59.967 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

Instrument :

BNA_F

ClientSampleId :

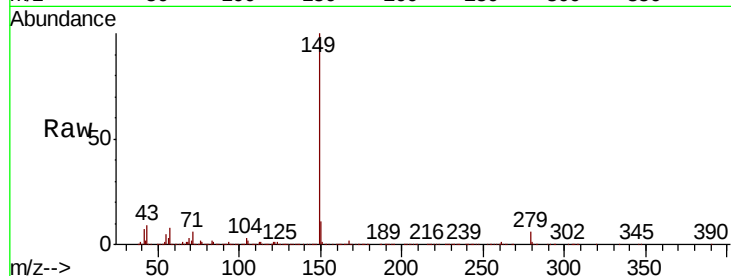
Tot Ion:149 Resp: 2500961

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

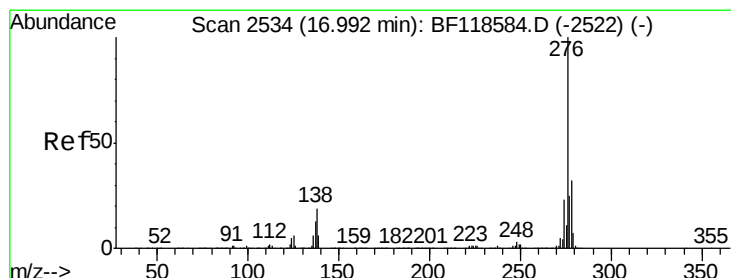
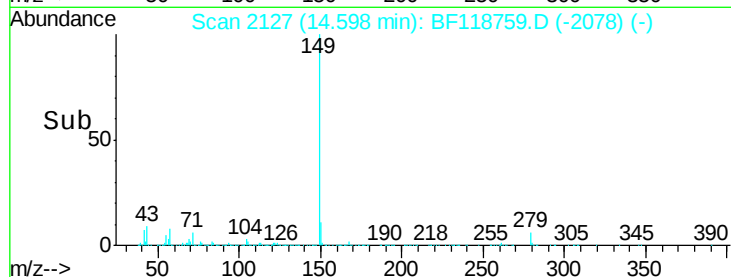
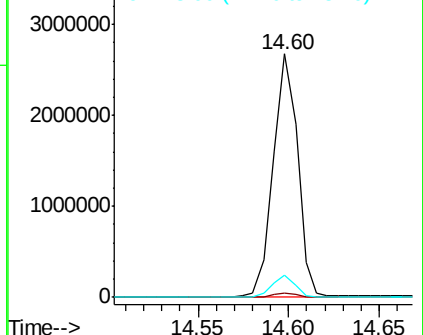
43 8.4 6.6 10.0



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: 54.730 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118759.D

Acq: 30 Jan 2020 18:52

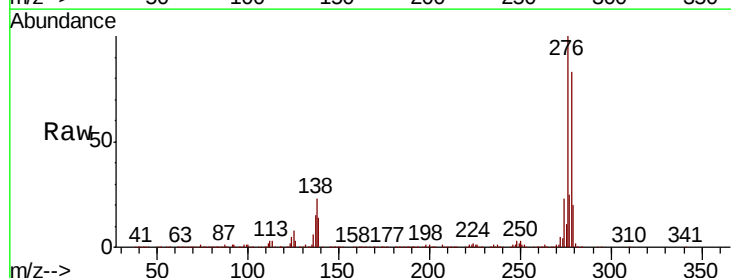
Tgt Ion:276 Resp: 2275647

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

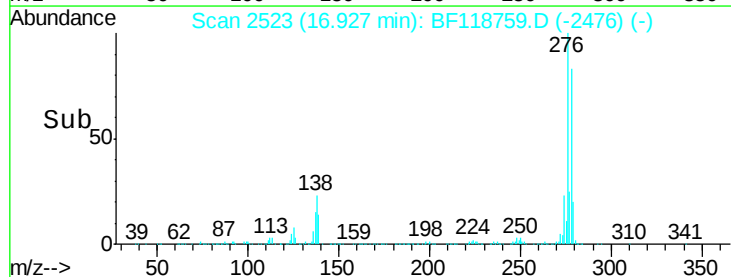
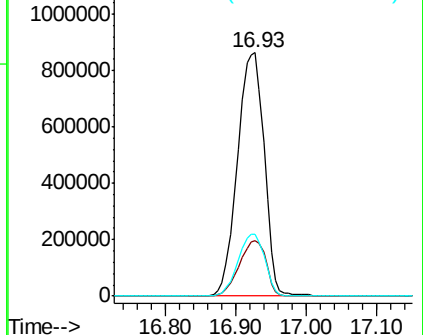
277 25.6 20.4 30.6

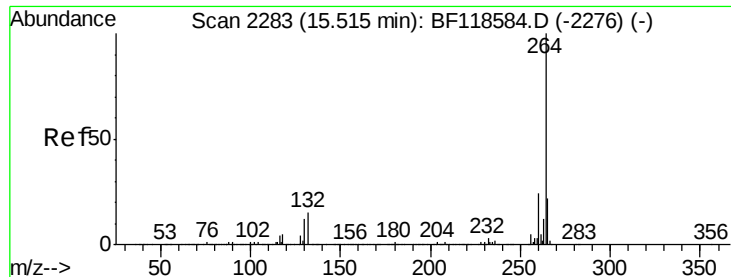


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



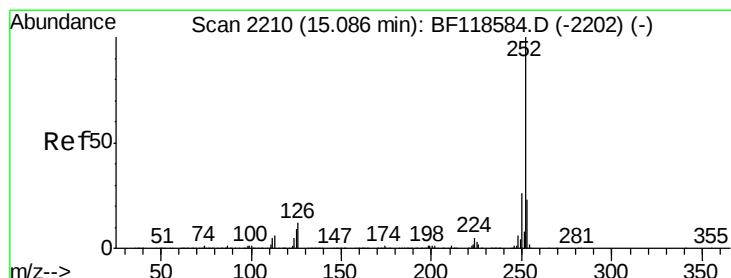
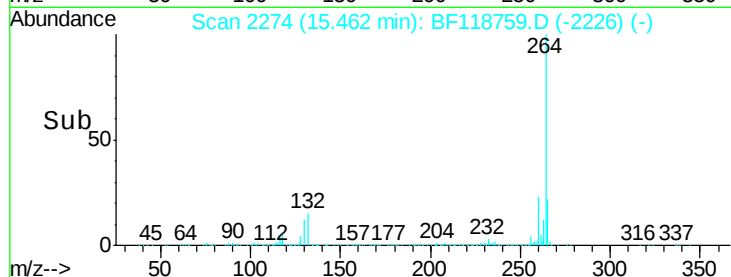
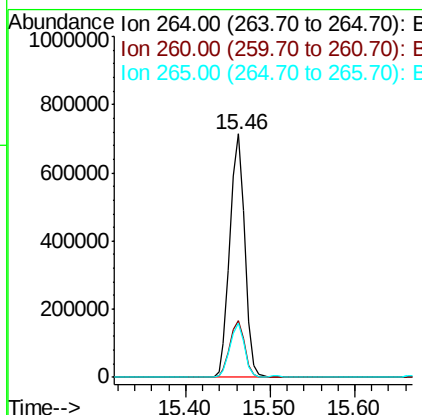
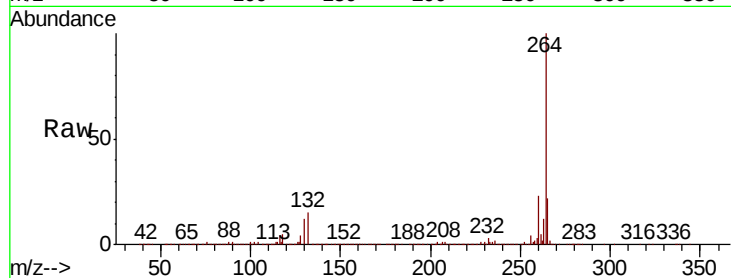


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 867422

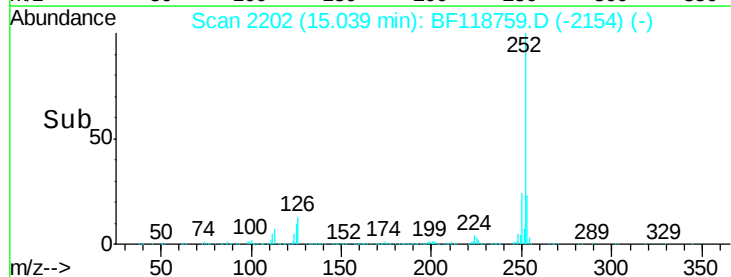
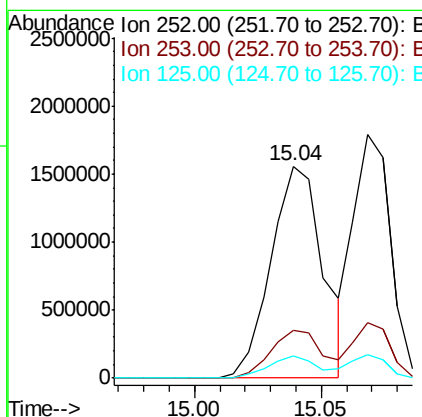
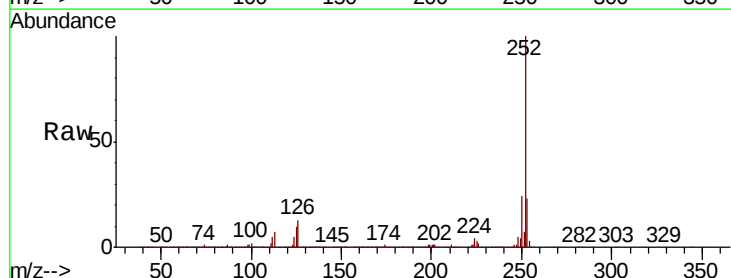
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.1	17.0	25.6



#88
Benzo(b)fluoranthene
Concen: 40.898 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:252 Resp: 2229925

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.2	7.7	11.5

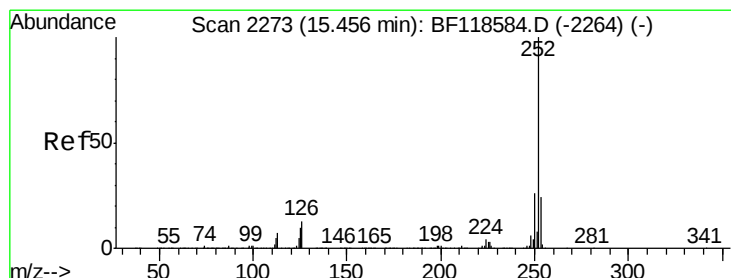
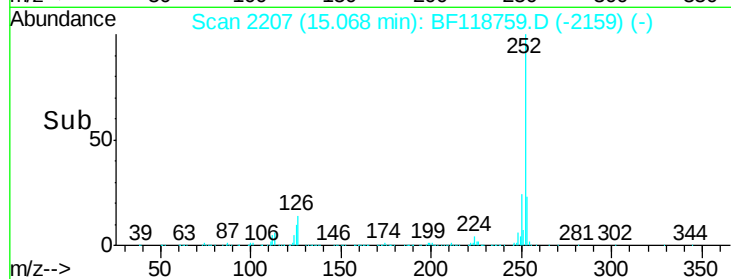
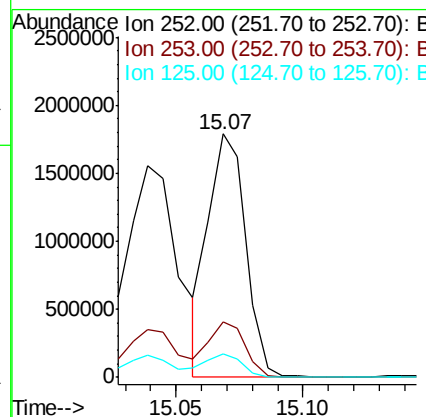
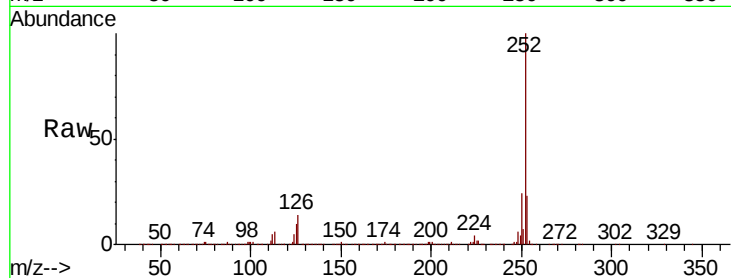




#89
Benzo(k)fluoranthene
Concen: 36.097 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

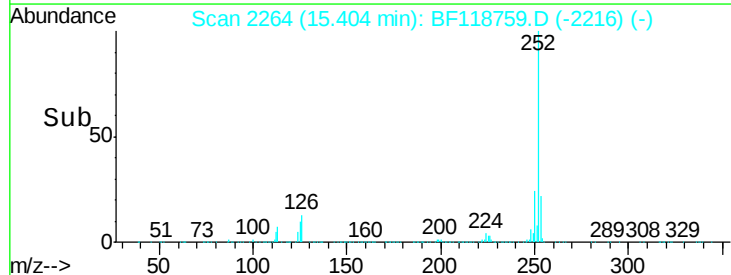
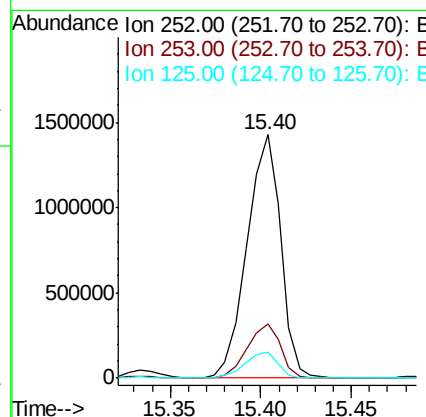
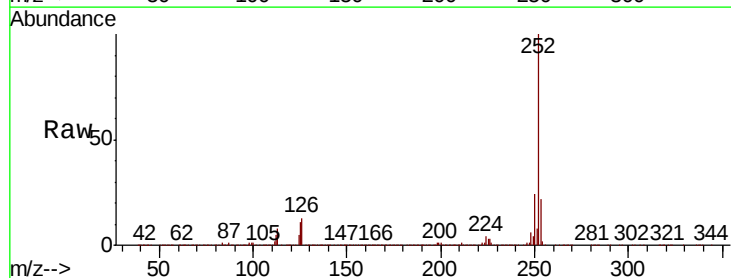
Instrument :
BNA_F
ClientSampled :

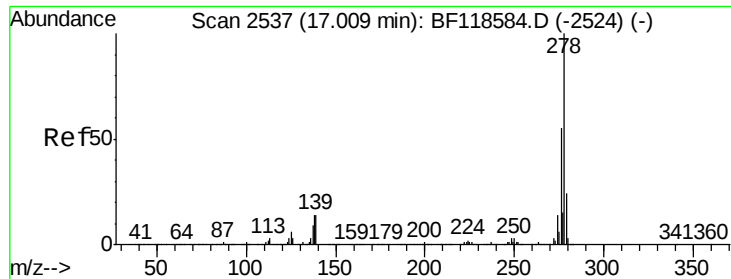
Tot Ion:252 Resp: 1823405
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 39.056 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:252 Resp: 1836978
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 10.7 8.3 12.5



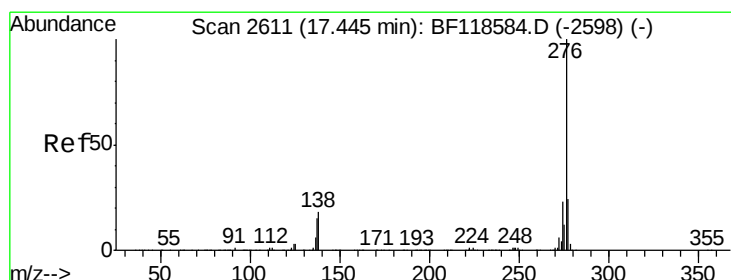
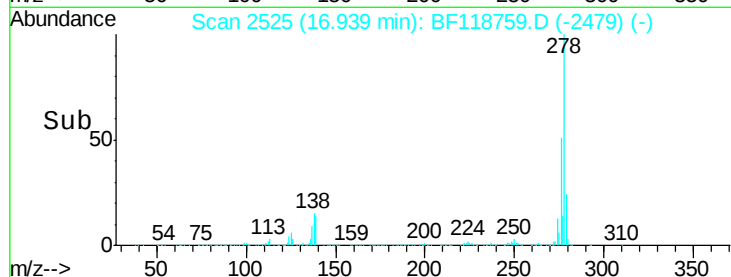
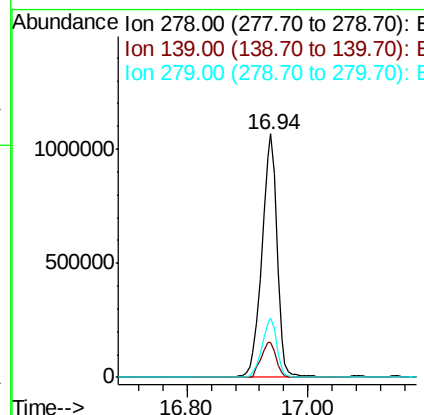
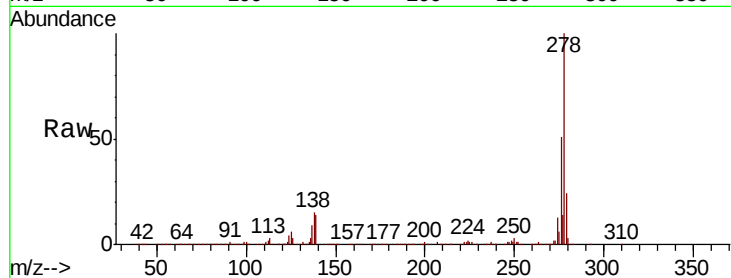


#91
Dibenzo(a,h)anthracene
Concen: 44.897 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.03 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1867909

Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.8	17.6
279	24.4	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 48.016 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.03 min
Lab File: BF118759.D
Acq: 30 Jan 2020 18:52

Tgt Ion:276 Resp: 1939615

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	20.5	15.4	23.2

