

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118752.D
 Acq On : 30 Jan 2020 15:36
 Operator : CG/JU
 Sample : PB126458BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:07:34 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	6.85	152	315742	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1184615	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	692432	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1299752	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	1004580	20.00	ng	-0.01
87) Perylene-d12	15.46	264	1035782	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1832897	107.81	ng	0.00
7) Phenol-d6	6.47	99	2304858	104.31	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1336606	63.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	904096	112.89	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2756362	65.43	ng	-0.02
79) Terphenyl-d14	12.95	244	3382952	73.45	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	299755	36.404	ng	99
3) Pyridine	3.45	79	748312	32.243	ng	99
4) n-Nitrosodimethylamine	3.39	42	312501	31.408	ng	98
6) Aniline	6.50	93	887964	30.519	ng	100
8) 2-Chlorophenol	6.63	128	785873	41.184	ng	95
9) Benzaldehyde	6.39	77	406102	30.220	ng	95
10) Phenol	6.49	94	957040	38.006	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	721801	38.634	ng	97
12) 1,3-Dichlorobenzene	6.79	146	882835	39.528	ng	99
13) 1,4-Dichlorobenzene	6.86	146	896691	39.995	ng	99
14) 1,2-Dichlorobenzene	7.02	146	827812	39.278	ng	99
15) Benzyl Alcohol	6.98	79	683771	39.022	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	866639	33.303	ng	98
17) 2-Methylphenol	7.10	107	658736	41.444	ng	99
18) Hexachloroethane	7.36	117	310654	38.213	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	533658	35.768	ng	100
20) 3+4-Methylphenols	7.25	107	779352	40.160	ng	97
22) Acetophenone	7.25	105	1029340	36.680	ng	96
24) Nitrobenzene	7.42	77	809052	37.308	ng	99
25) Isophorone	7.66	82	1513913	39.191	ng	100
26) 2-Nitrophenol	7.74	139	445982	48.226	ng	98
27) 2,4-Dimethylphenol	7.78	122	739107	46.284	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	934252	37.535	ng	99
29) 2,4-Dichlorophenol	7.98	162	719468	40.756	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	803591	39.260	ng	98
31) Naphthalene	8.15	128	2248457	42.017	ng	100
32) Benzoic acid	7.90	122	487607	40.686	ng	97
33) 4-Chloroaniline	8.19	127	507278	20.510	ng	98
34) Hexachlorobutadiene	8.27	225	476724	38.246	ng	99
35) Caprolactam	8.56	113	119889	20.753	ng	97
36) 4-Chloro-3-methylphenol	8.67	107	730840	41.925	ng	100
37) 2-Methylnaphthalene	8.84	142	1609789	42.618	ng	99
38) 1-Methylnaphthalene	8.94	142	1512591	42.150	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	775182	35.779	ng	99

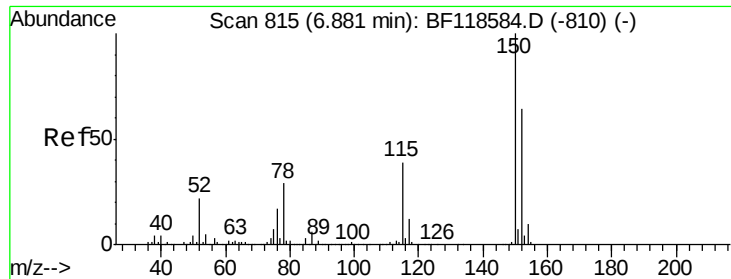
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118752.D
 Acq On : 30 Jan 2020 15:36
 Operator : CG/JU
 Sample : PB126458BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:07:34 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)
41) Hexachlorocyclopentadiene	9.00	237	915860	83.785	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	558917	38.876	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	584522	39.809	ng	98
46) 1,1'-Biphenyl	9.30	154	1919304	40.218	ng	99
47) 2-Chloronaphthalene	9.33	162	1560352	38.792	ng	99
48) 2-Nitroaniline	9.42	65	427604	34.582	ng	94
49) Acenaphthylene	9.75	152	2389679	42.230	ng	99
50) Dimethylphthalate	9.60	163	1866330	41.370	ng	99
51) 2,6-Dinitrotoluene	9.66	165	440192	43.575	ng	97
52) Acenaphthene	9.92	154	1653029	43.687	ng	99
53) 3-Nitroaniline	9.83	138	284937	24.702	ng	98
54) 2,4-Dinitrophenol	9.94	184	419511	104.020	ng	92
55) Dibenzofuran	10.09	168	2189816	41.761	ng	98
56) 4-Nitrophenol	10.00	139	720965	82.794	ng	96
57) 2,4-Dinitrotoluene	10.07	165	582227	45.719	ng	98
58) Fluorene	10.43	166	1637555	39.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	524162	40.586	ng	100
60) Diethylphthalate	10.30	149	1862148	42.573	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	883559	39.464	ng	95
62) 4-Nitroaniline	10.45	138	433502	36.637	ng	99
63) Azobenzene	10.59	77	1619565	38.233	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	324926	56.852	ng	98
66) n-Nitrosodiphenylamine	10.54	169	1556427	39.707	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	614633	38.276	ng	96
68) Hexachlorobenzene	10.99	284	686637	37.716	ng	97
69) Atrazine	11.07	200	589799	43.412	ng	99
70) Pentachlorophenol	11.17	266	747415	73.841	ng	98
71) Phenanthrene	11.39	178	2533958	40.410	ng	99
72) Anthracene	11.44	178	2592717	41.787	ng	99
73) Carbazole	11.60	167	2260930	39.727	ng	99
74) Di-n-butylphthalate	11.93	149	2803402	44.336	ng	99
75) Fluoranthene	12.58	202	2757538	41.695	ng	100
77) Benzidine	12.70	184	1593801	59.378	ng	99
78) Pyrene	12.81	202	2810518	41.209	ng	100
80) Butylbenzylphthalate	13.43	149	1250946	44.817	ng	95
81) Benzo(a)anthracene	14.00	228	2379298	39.372	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	582703	27.060	ng	99
83) Chrysene	14.04	228	2391110	41.285	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1644444	48.222	ng	100
85) Di-n-octyl phthalate	14.60	149	2813622	55.742	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2245539	44.622	ng	99
88) Benzo(b)fluoranthene	15.04	252	2497954	38.367	ng	100
89) Benzo(k)fluoranthene	15.07	252	2349160	38.946	ng	99
90) Benzo(a)pyrene	15.40	252	2150126	38.284	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1892143	38.087	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1805041	37.421	ng	99

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

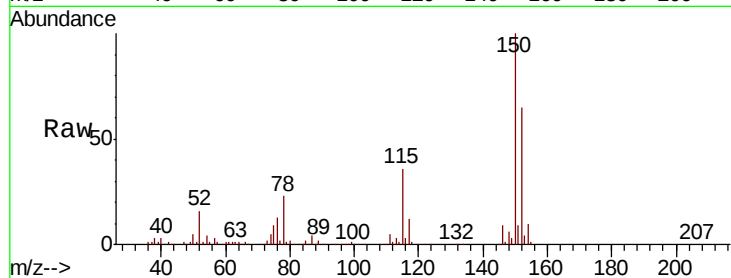


#1

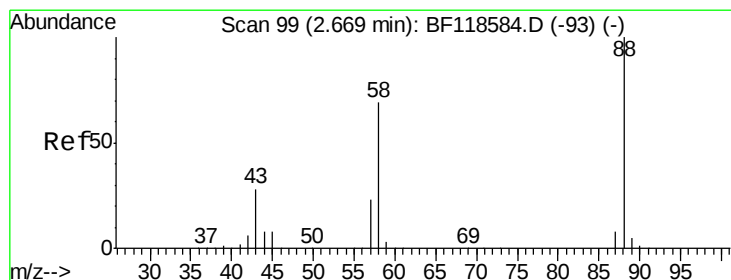
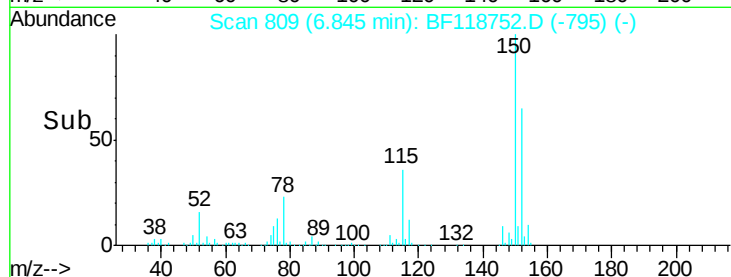
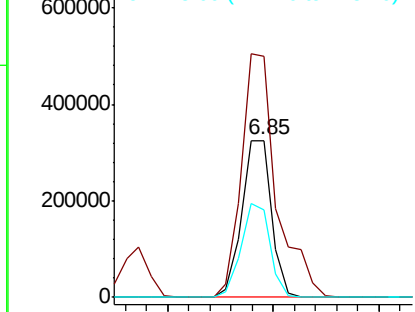
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 315742
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 56.0 45.1 67.7



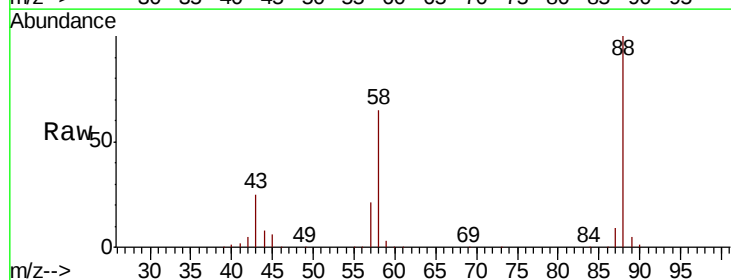
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



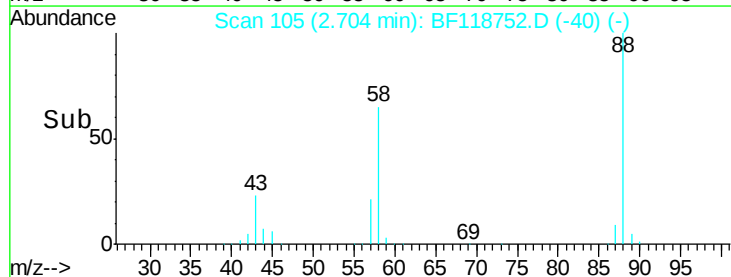
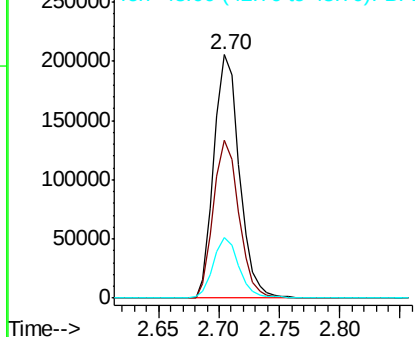
#2

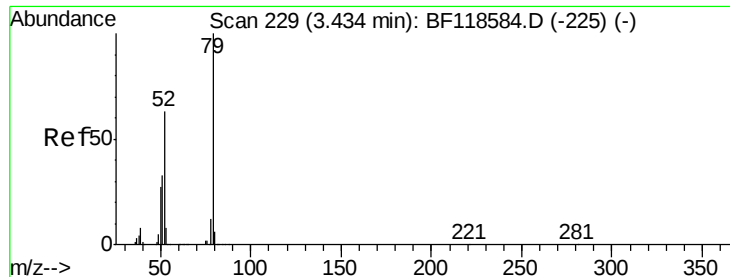
1,4-Dioxane
Concen: 36.404 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.08 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion: 88 Resp: 299755
Ion Ratio Lower Upper
88 100
58 65.3 51.9 77.9
43 24.4 19.3 28.9



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.243 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.06 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

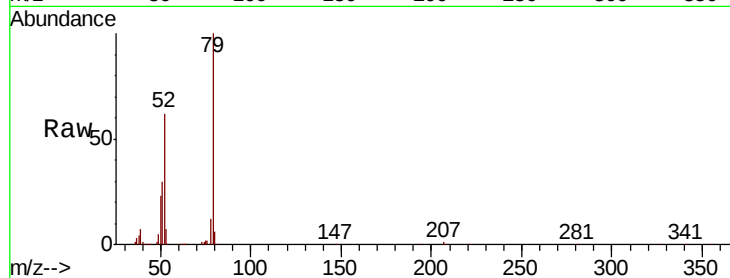
Tot Ion: 79 Resp: 748312

Ion Ratio Lower Upper

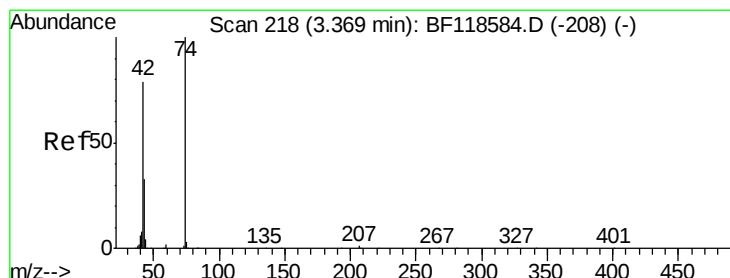
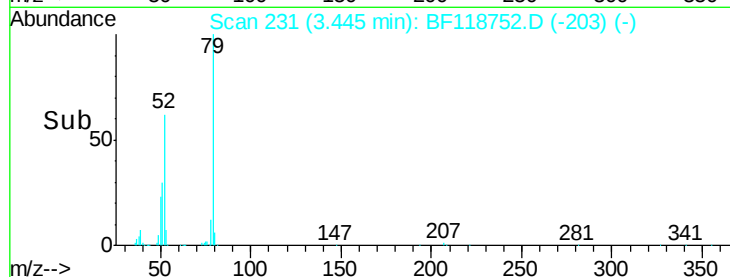
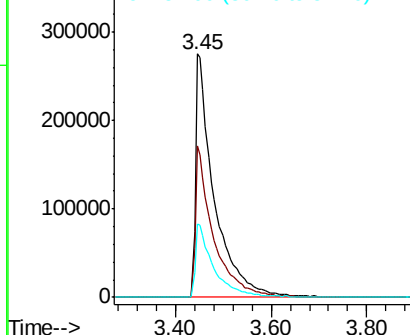
79 100

52 62.0 48.8 73.2

51 30.2 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: 31.408 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.06 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

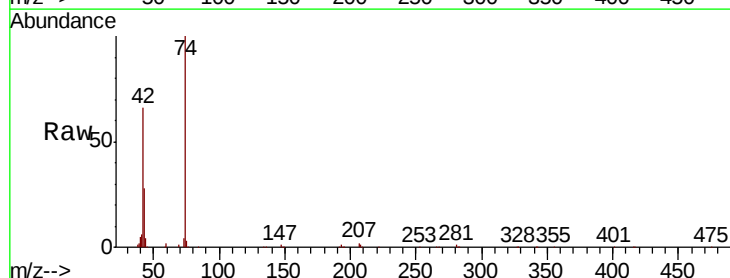
Tgt Ion: 42 Resp: 312501

Ion Ratio Lower Upper

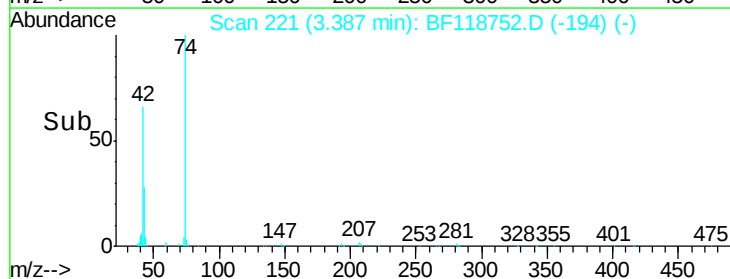
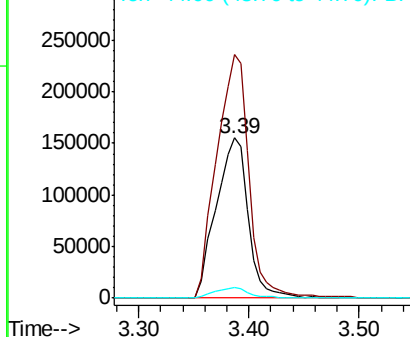
42 100

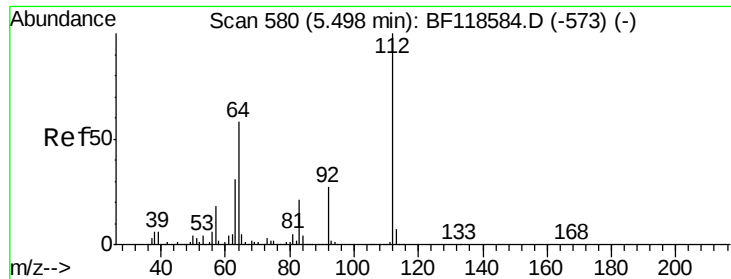
74 152.1 123.5 185.3

44 6.6 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

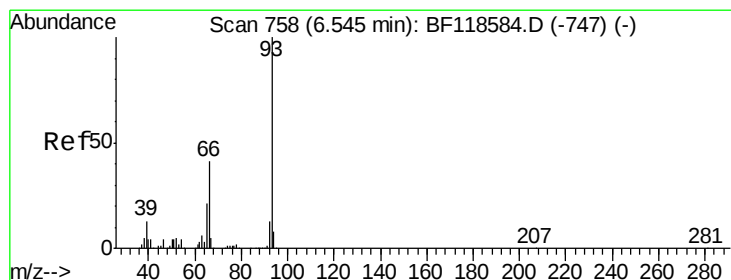
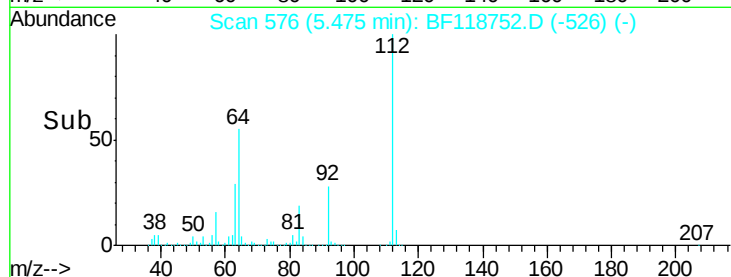
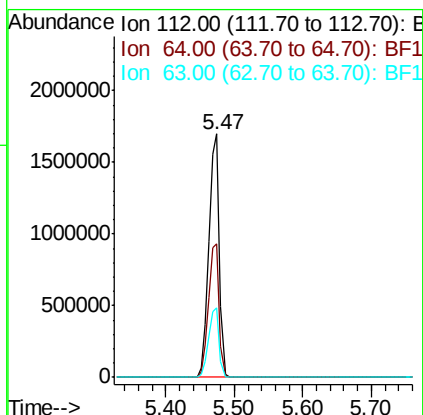
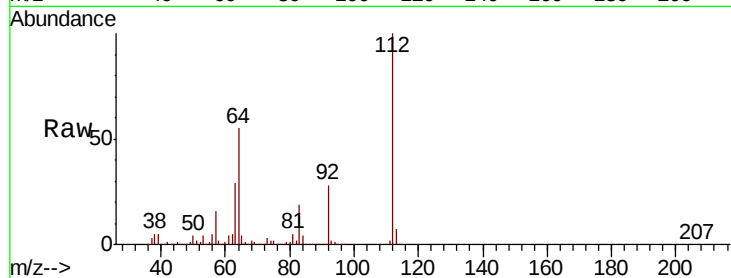




#5
 2-Fluorophenol
 Concen: 107.814 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

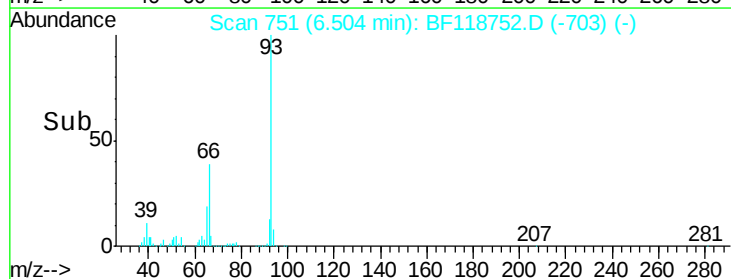
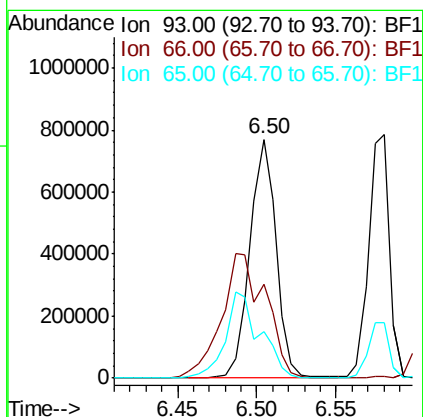
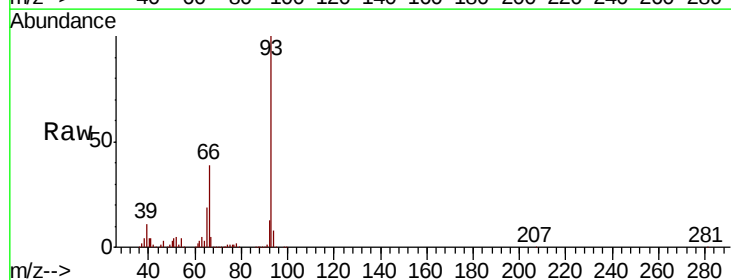
Instrument :
 BNA_F
 ClientSampleId :

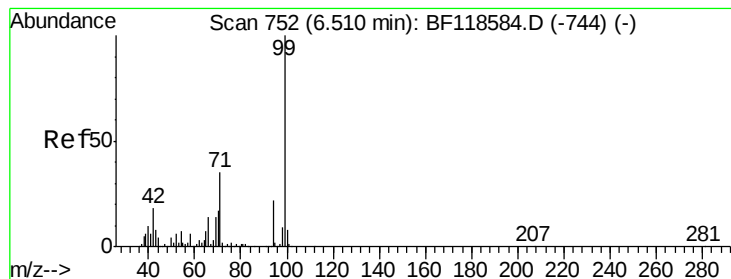
Tot Ion:112 Resp: 1832897
 Ion Ratio Lower Upper
 112 100
 64 54.8 42.4 63.6
 63 28.7 21.7 32.5



#6
 Aniline
 Concen: 30.519 ng
 RT: 6.50 min Scan# 751
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion: 93 Resp: 887964
 Ion Ratio Lower Upper
 93 100
 66 39.1 31.3 46.9
 65 19.2 15.3 22.9





#7

Phenol-d6

Concen: 104.310 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

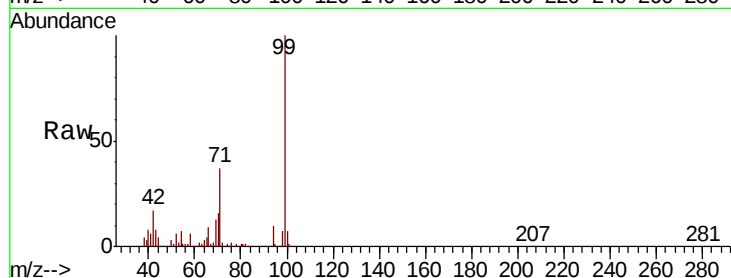
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 2304858

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.1	19.7
71	36.6	28.4	42.6

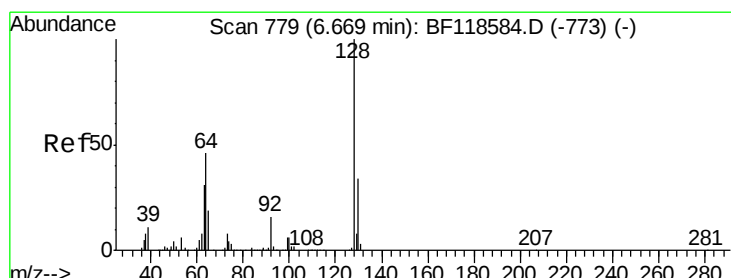
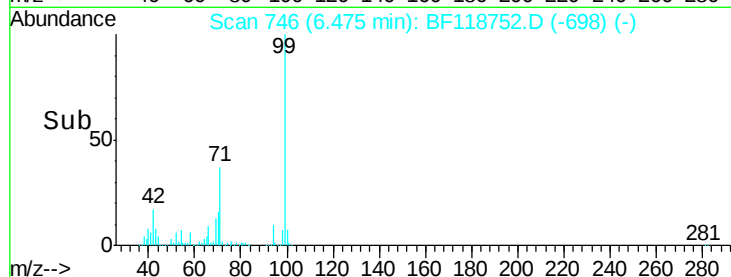


Abundance

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: 41.184 ng

RT: 6.63 min Scan# 773

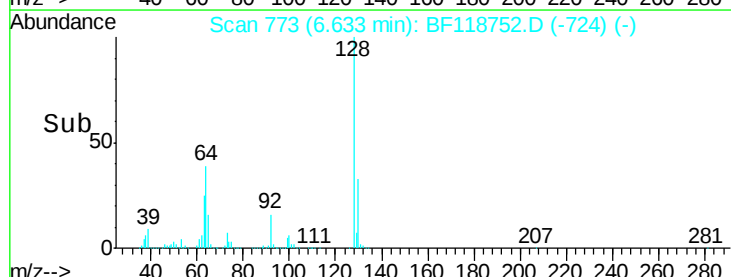
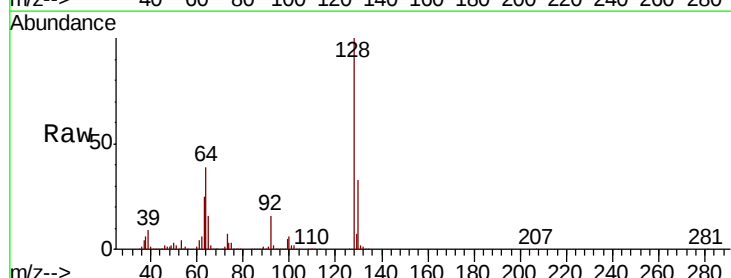
Delta R.T. -0.01 min

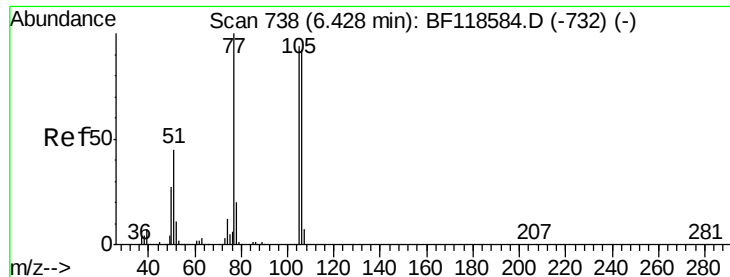
Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:128 Resp: 785873

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.8	52.8
64	39.4	24.5	64.5





#9

Benzaldehyde

Concen: 30.220 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

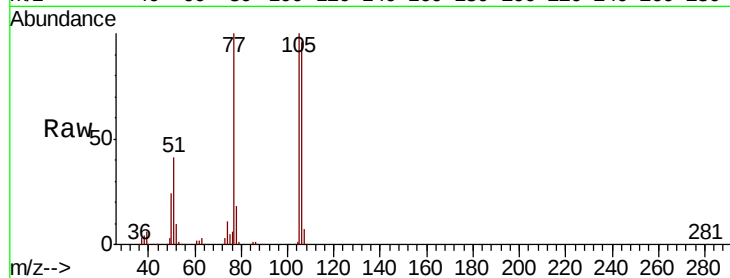
Tot Ion: 77 Resp: 406102

Ion Ratio Lower Upper

77 100

105 99.7 84.3 124.3

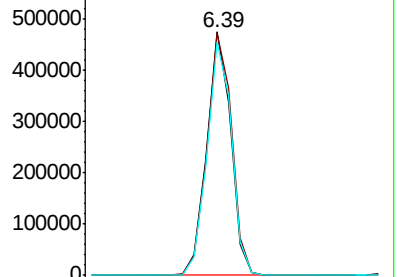
106 95.7 80.4 120.4



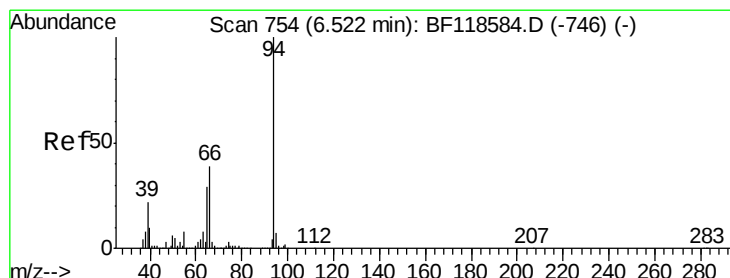
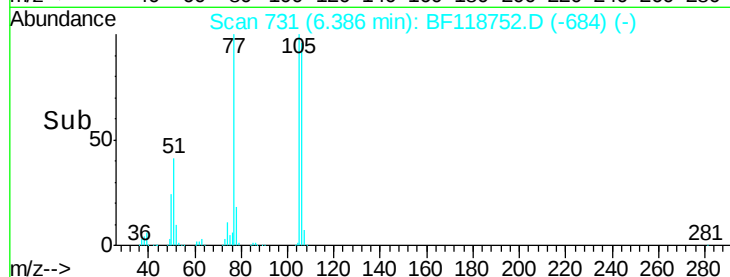
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 38.006 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

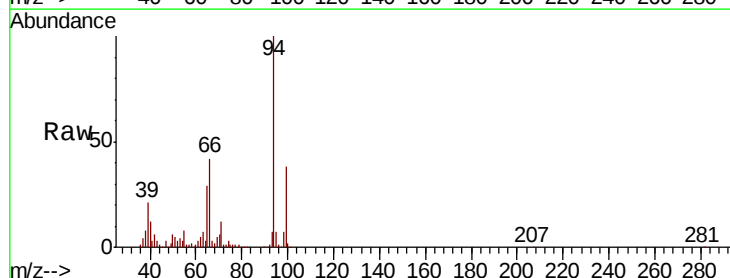
Tgt Ion: 94 Resp: 957040

Ion Ratio Lower Upper

94 100

65 28.7 7.9 47.9

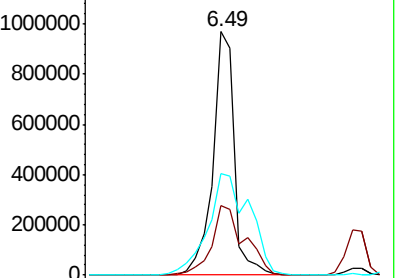
66 41.6 19.1 59.1



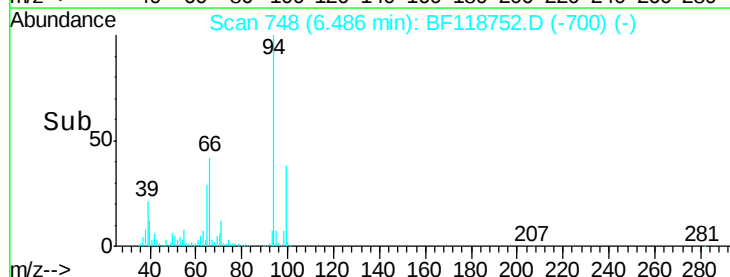
Abundance Ion 94.00 (93.70 to 94.70): BF1

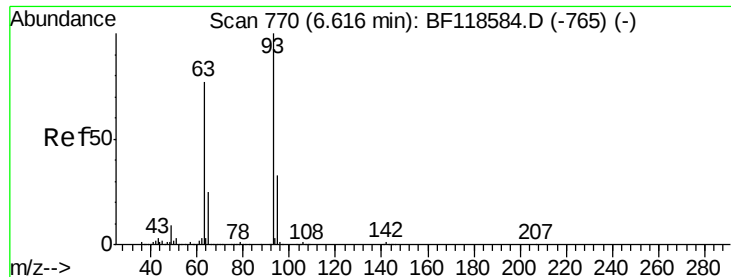
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->





#11

bis(2-Chloroethyl)ether

Concen: 38.634 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

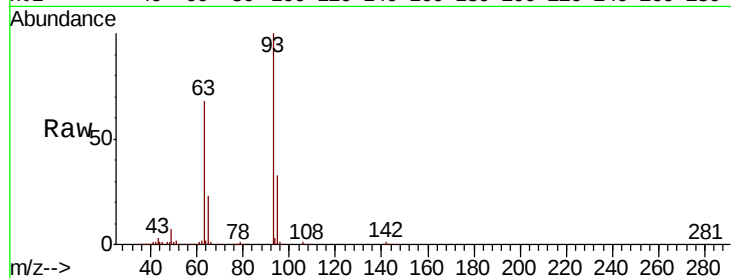
Tot Ion: 93 Resp: 721801

Ion Ratio Lower Upper

93 100

63 68.2 52.1 92.1

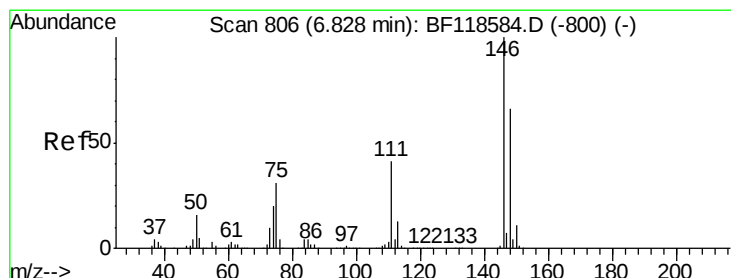
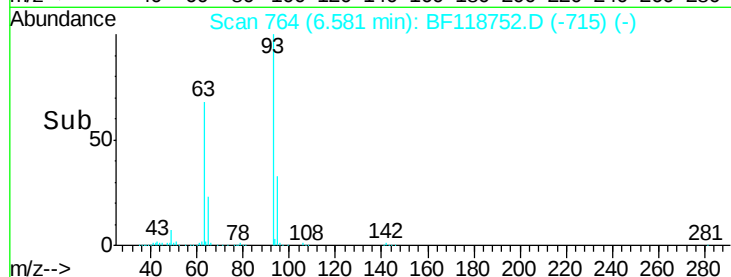
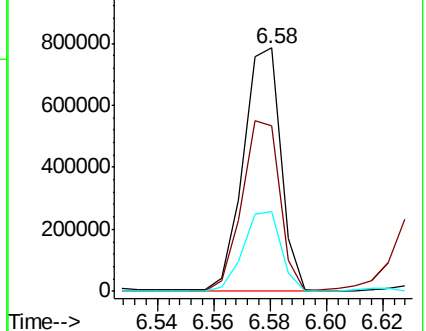
95 32.8 13.2 53.2



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: 39.528 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

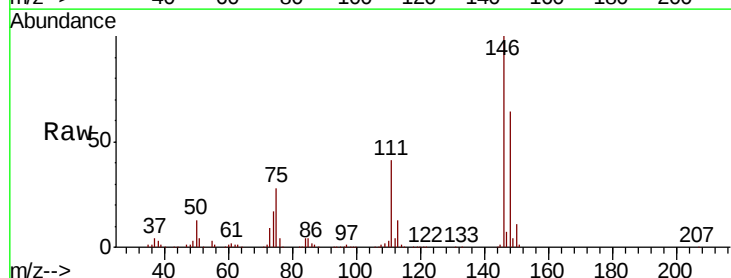
Tgt Ion: 146 Resp: 882835

Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.4

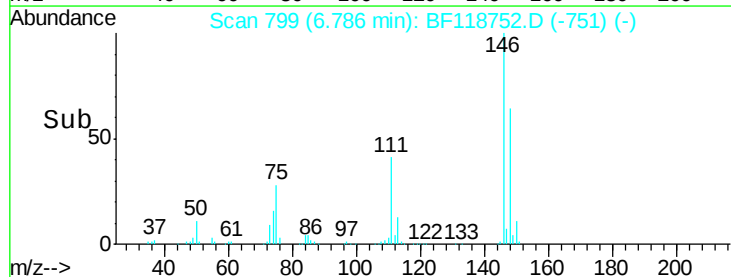
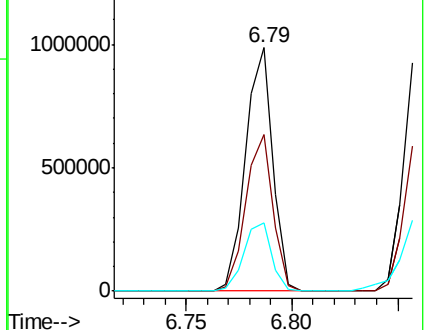
75 28.3 23.1 34.7

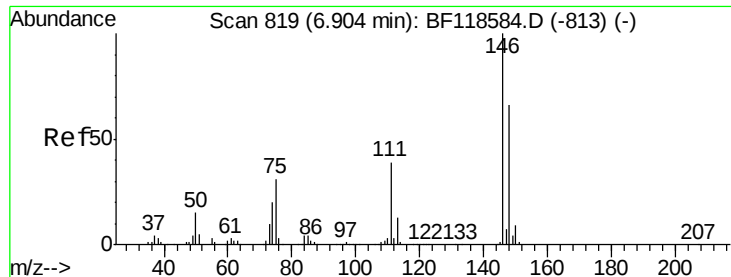


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.995 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

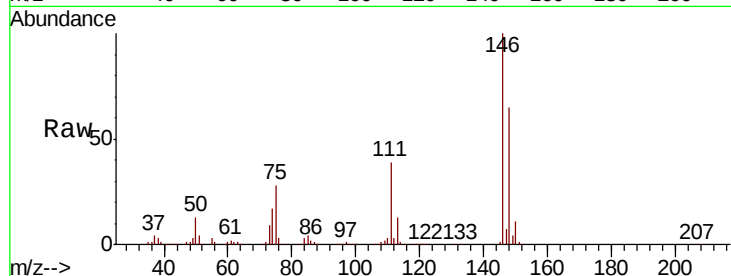
Tot Ion:146 Resp: 896691

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

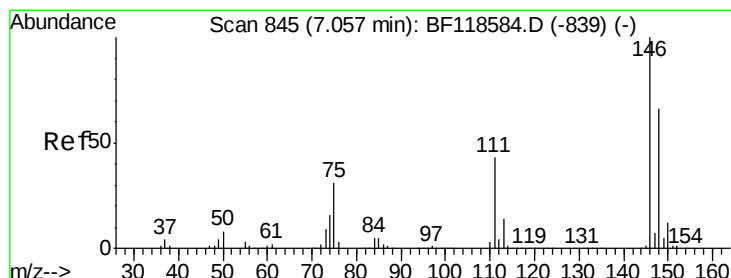
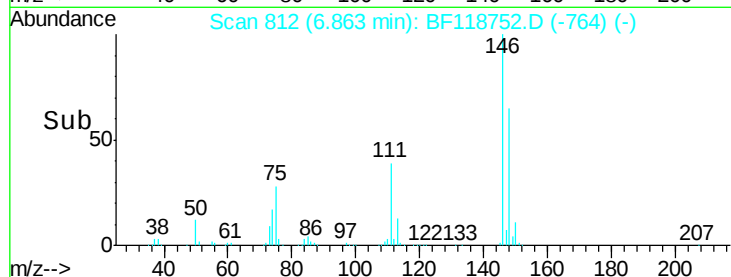
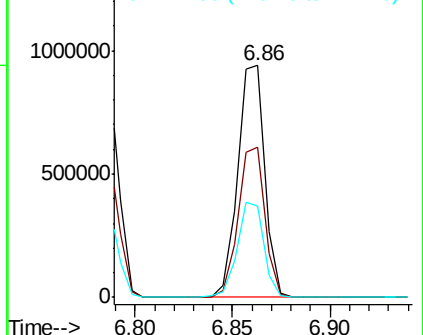
111 39.2 31.8 47.6



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: 39.278 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

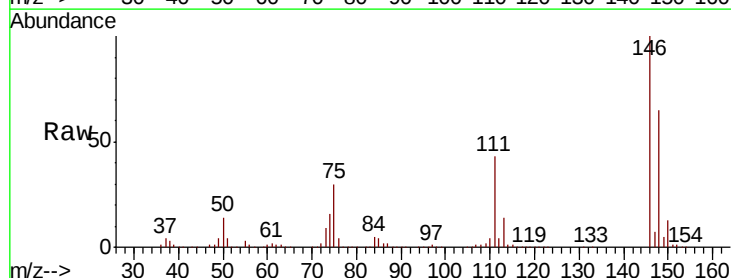
Tgt Ion:146 Resp: 827812

Ion Ratio Lower Upper

146 100

148 65.0 51.7 77.5

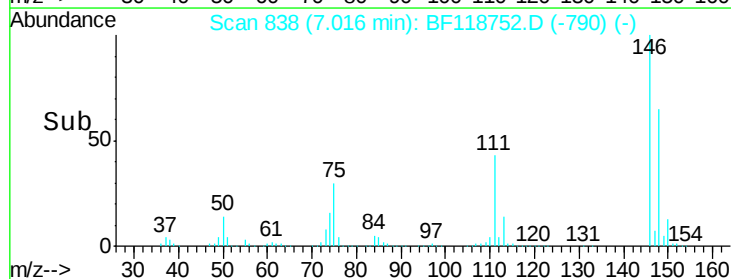
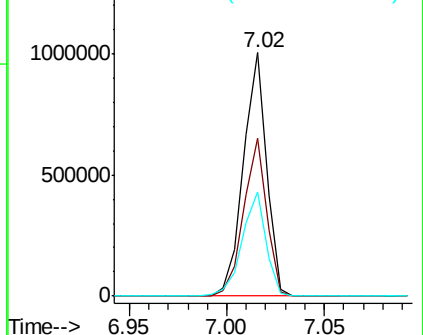
111 42.8 35.3 52.9

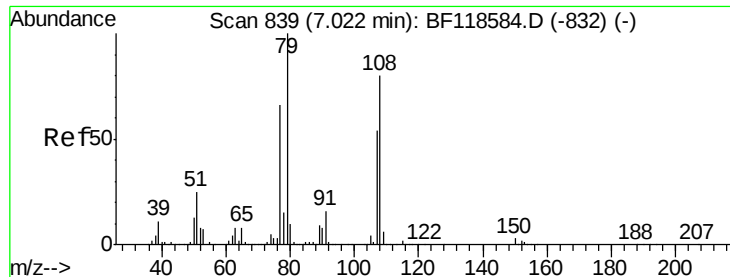


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.022 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

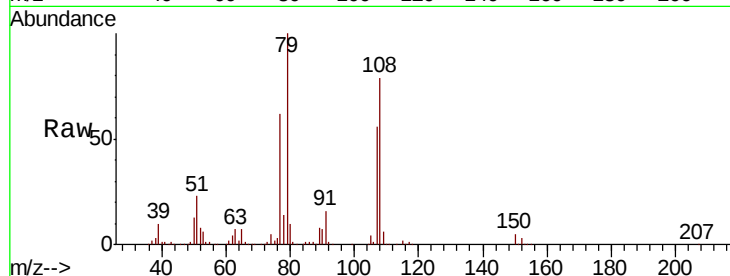
Tot Ion: 79 Resp: 683771

Ion Ratio Lower Upper

79 100

108 78.6 63.4 95.2

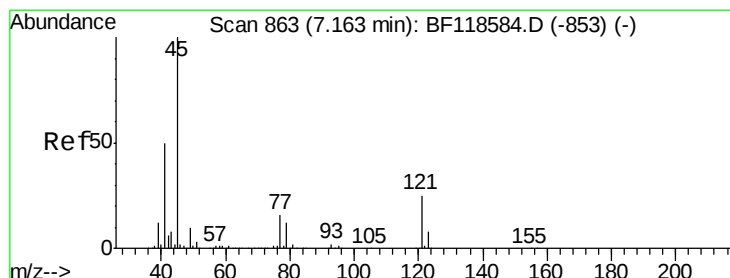
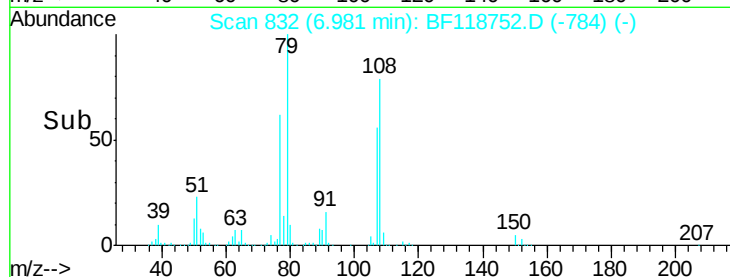
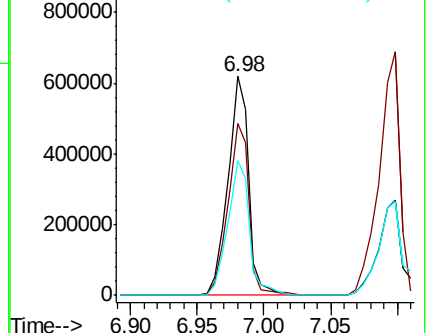
77 61.9 49.8 74.6



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: 33.303 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

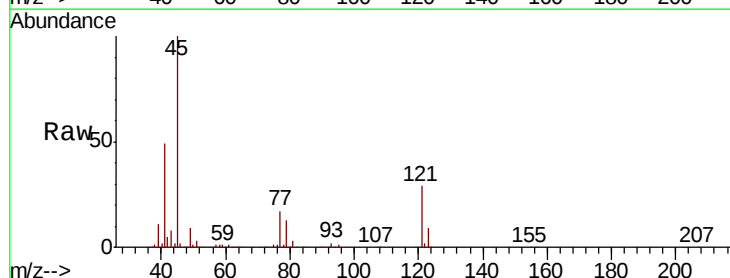
Tgt Ion: 45 Resp: 866639

Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.9

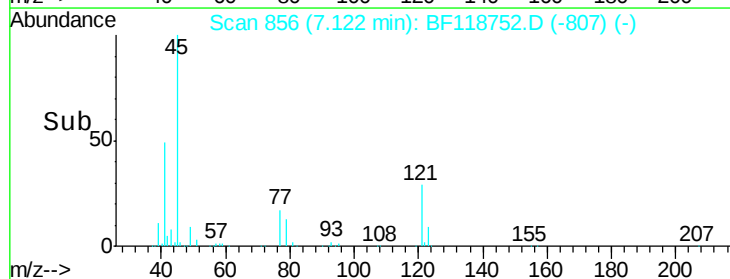
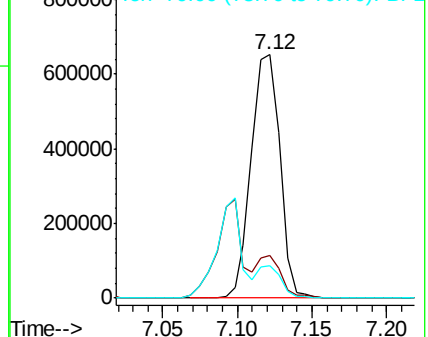
79 13.5 0.0 32.5

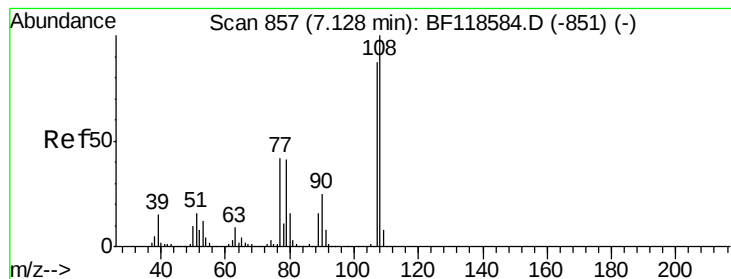


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

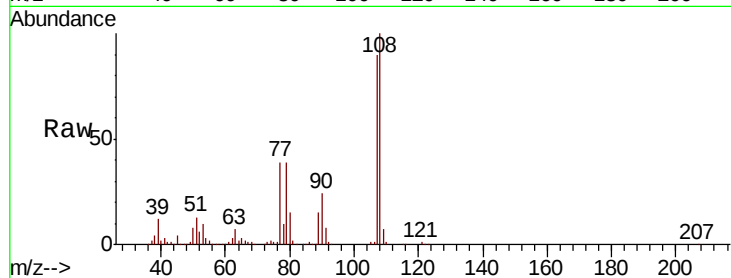




#17
2-Methylphenol
Concen: 41.444 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.0	132.0
77	42.9	35.3	52.9
79	43.3	35.4	53.2



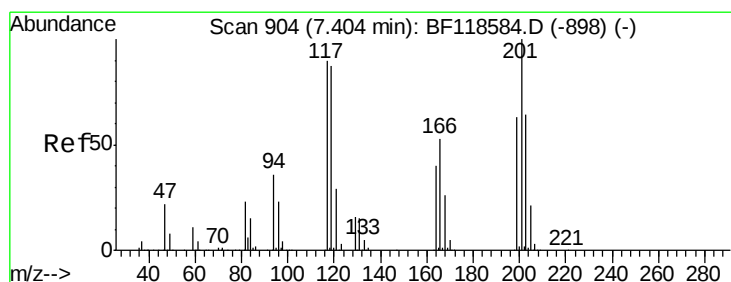
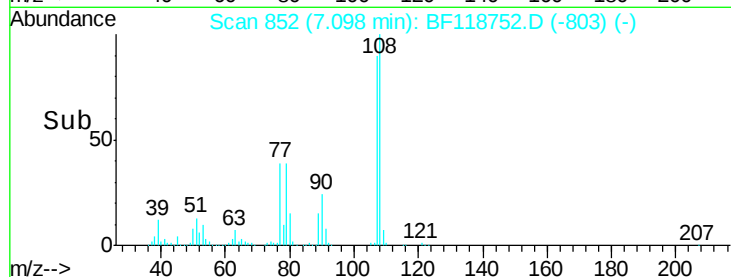
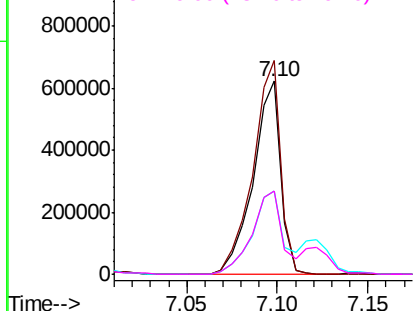
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

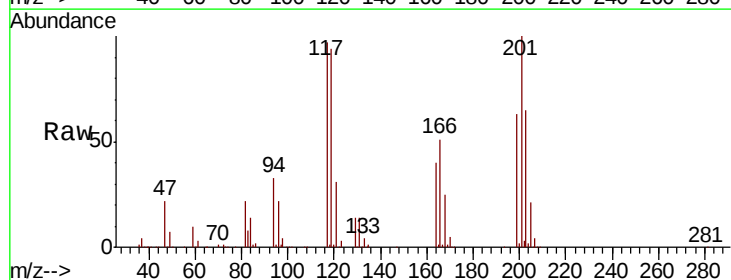
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 38.213 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.2	114.2
201	102.8	83.3	124.9

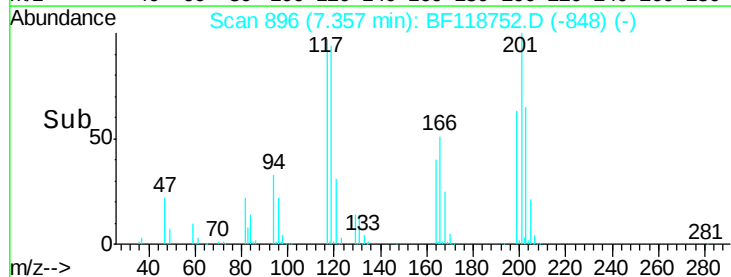
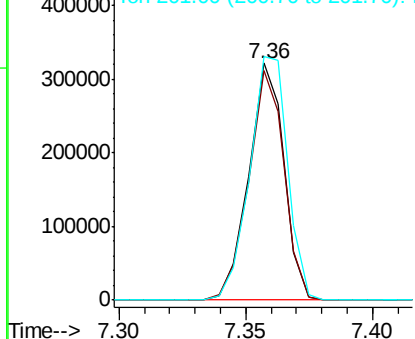


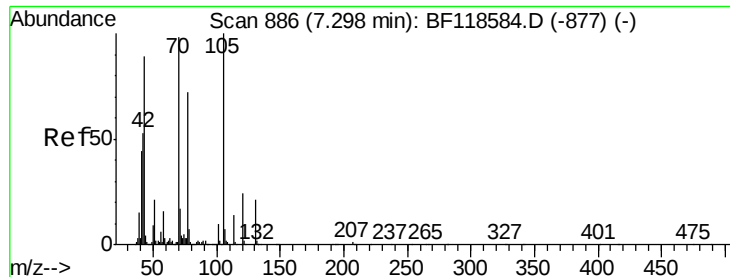
Abundance

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

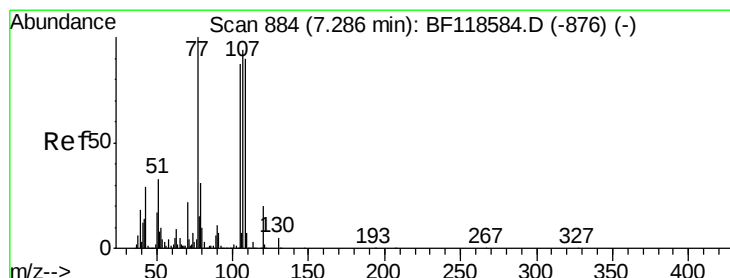
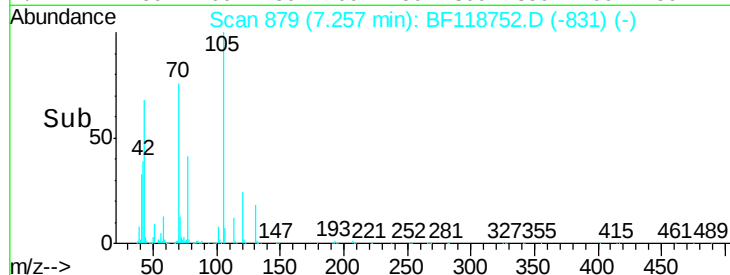
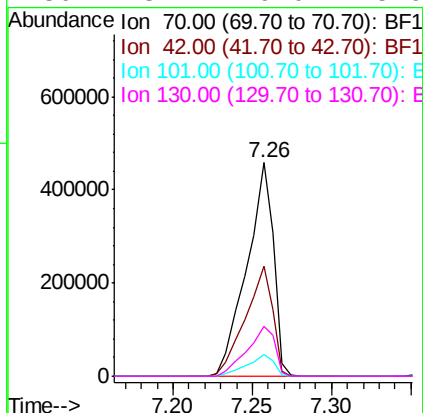
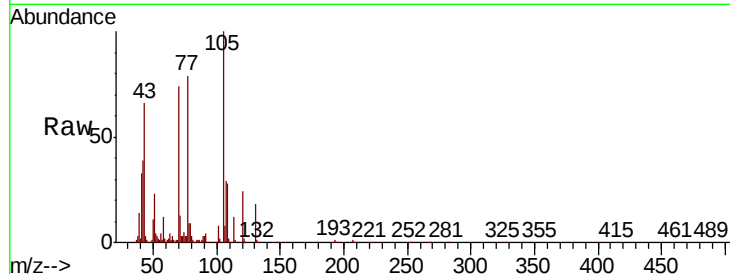




#19
n-Nitroso-di-n-propylamine
Concen: 35.768 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

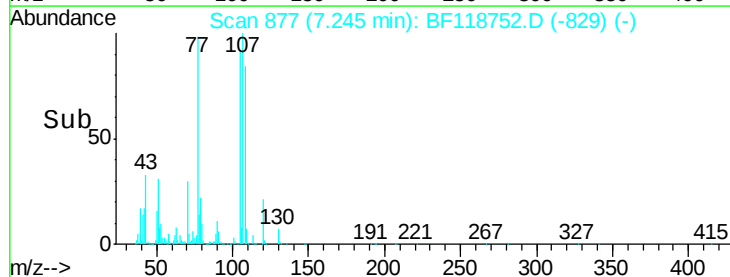
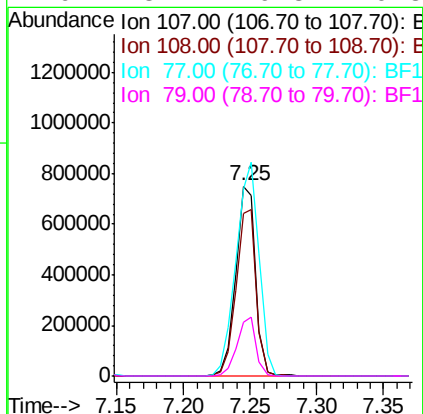
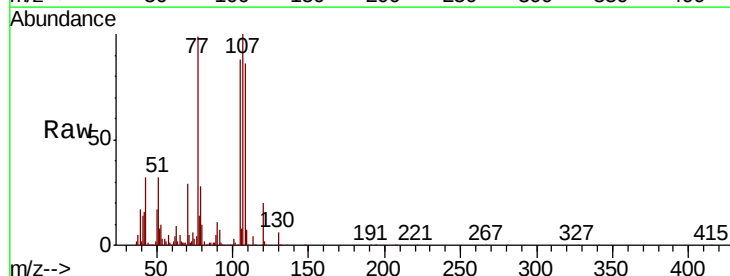
Instrument :
BNA_F
ClientSampleId :

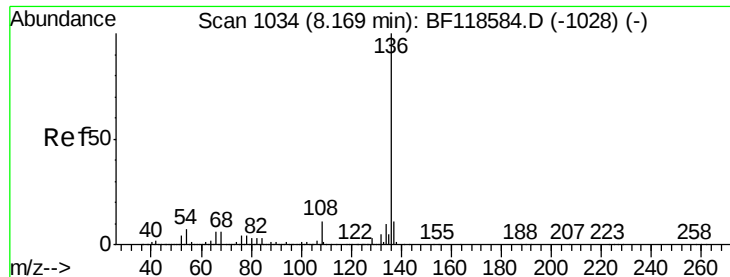
Tot Ion:	70	Resp:	533658
Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.6	62.4
101	10.4	7.9	11.9
130	23.7	19.0	28.6



#20
3+4-Methylphenols
Concen: 40.160 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:	107	Resp:	779352
Ion	Ratio	Lower	Upper
107	100		
108	86.0	67.5	107.5
77	98.9	73.6	113.6
79	28.4	9.3	49.3

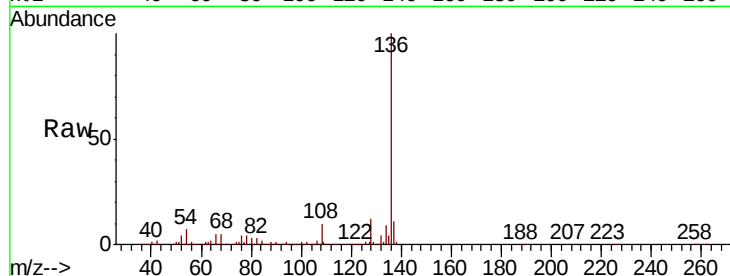




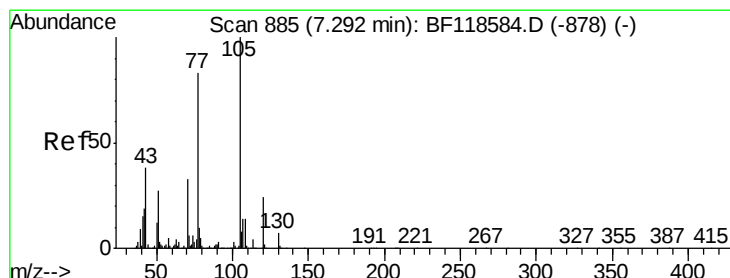
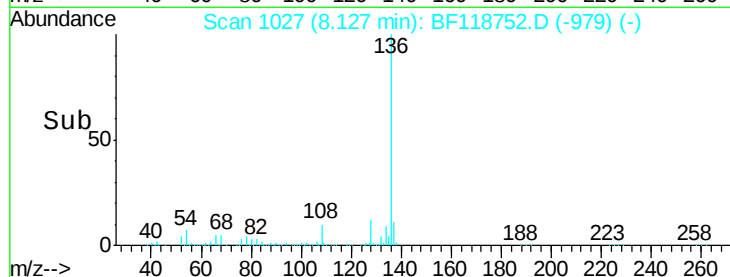
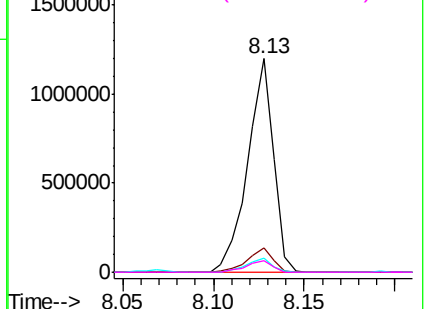
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1184615
Ion Ratio	Lower Upper
136 100	
137 11.1	8.9 13.3
54 6.5	5.1 7.7
68 5.4	4.3 6.5

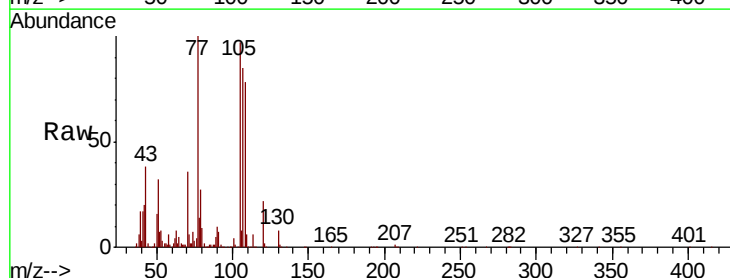


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

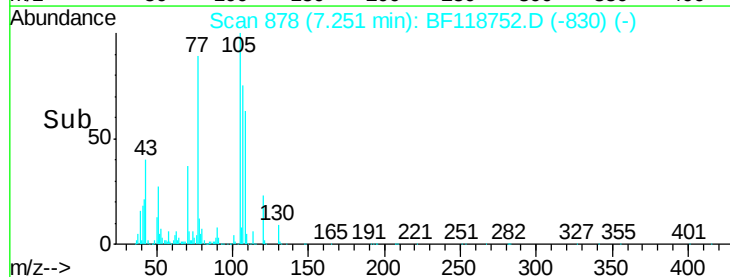
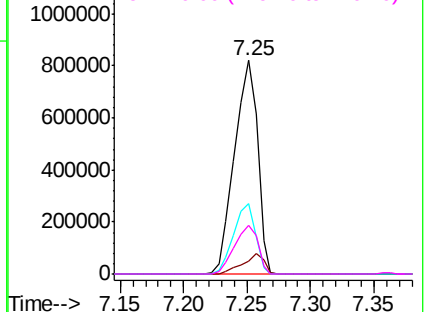


#22
Acetophenone
Concen: 36.680 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:105	Resp: 1029340
Ion Ratio	Lower Upper
105 100	
71 6.3	4.3 6.5
51 32.8	23.5 35.3
120 23.0	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



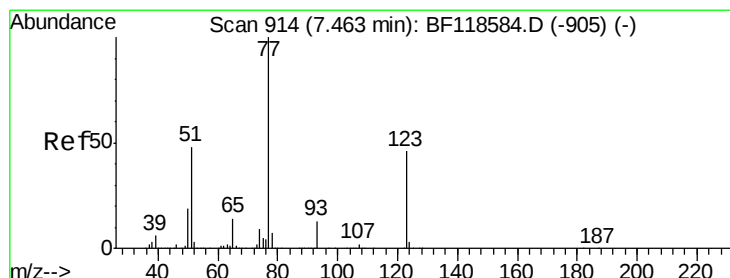
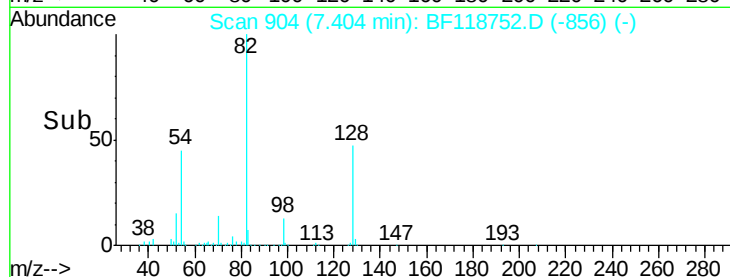
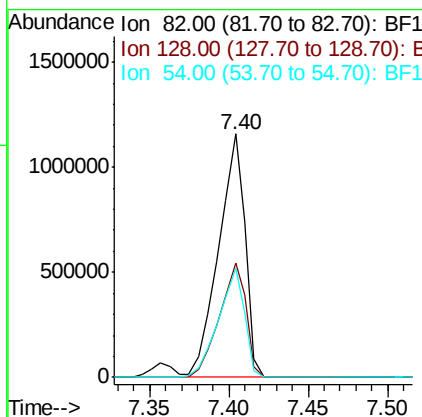
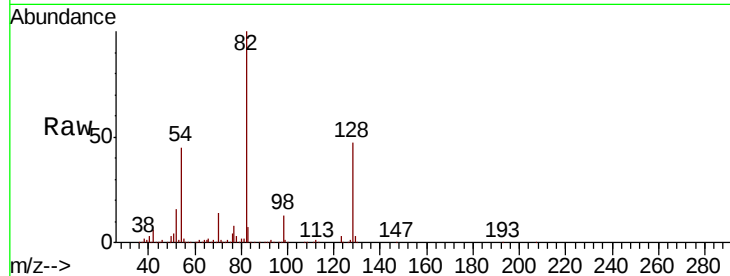


#23
 Nitrobenzene-d5
 Concen: 63.111 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1336606

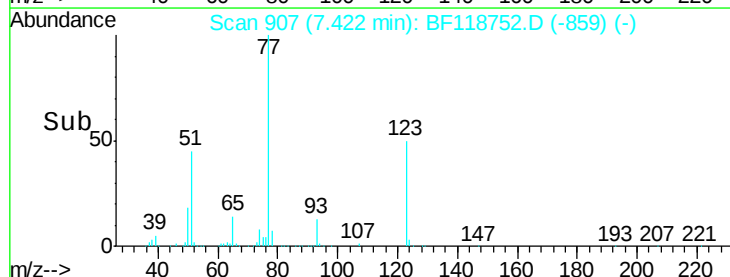
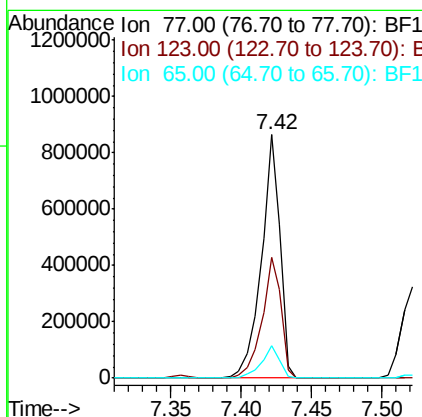
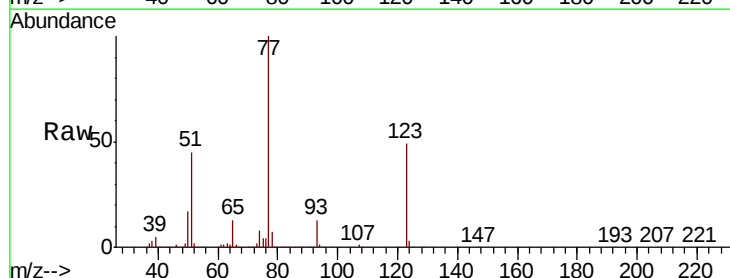
Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.2	57.2
54	45.0	36.1	54.1

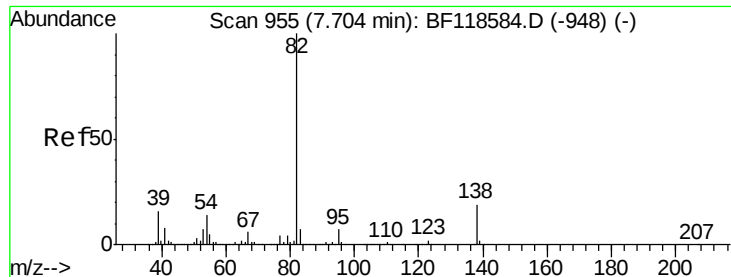


#24
 Nitrobenzene
 Concen: 37.308 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion: 77 Resp: 809052

Ion	Ratio	Lower	Upper
77	100		
123	49.3	39.2	58.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 39.191 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

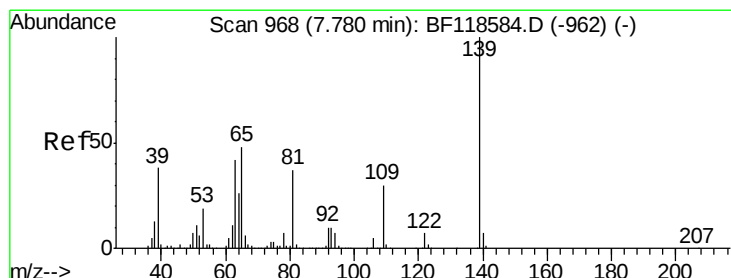
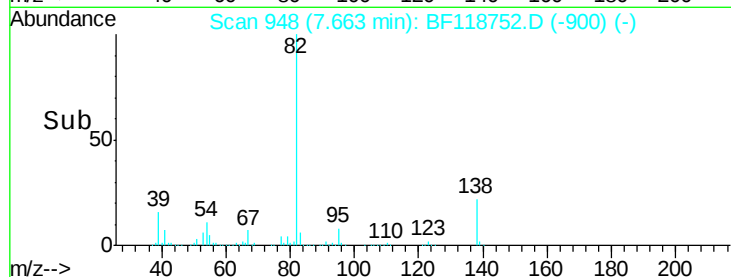
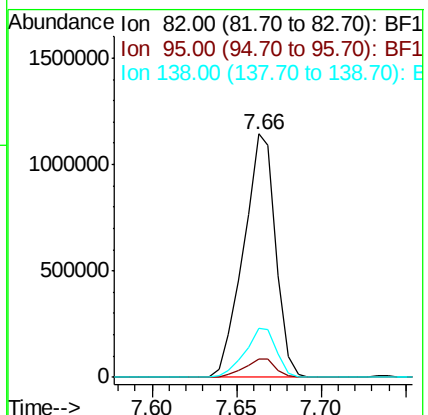
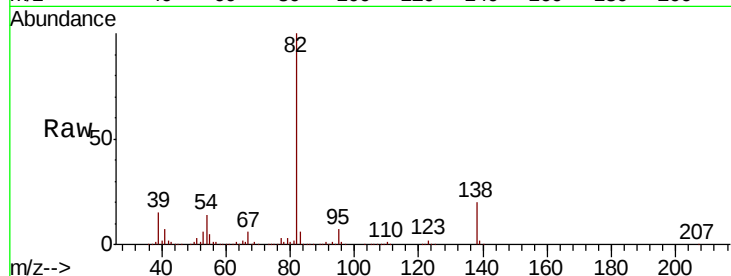
Tot Ion: 82 Resp: 1513913

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.8

138 19.9 15.8 23.8



#26

2-Nitrophenol

Concen: 48.226 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

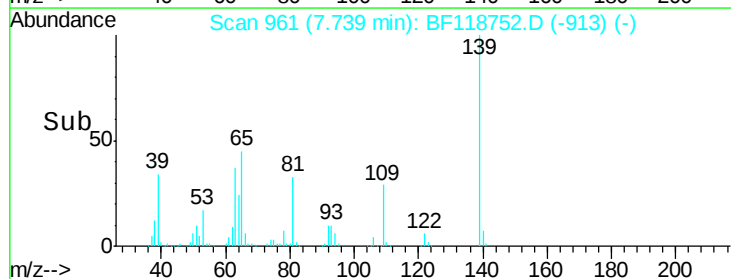
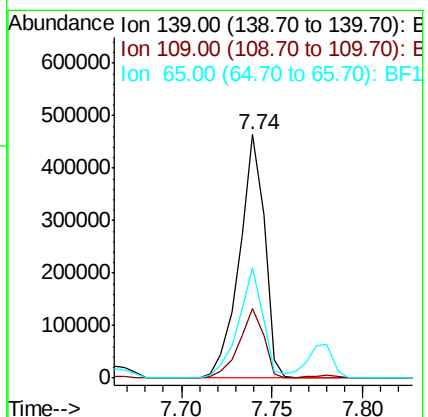
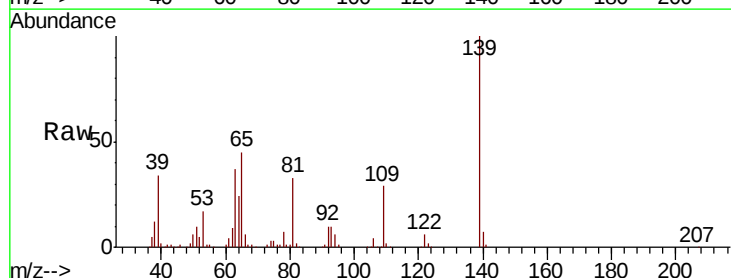
Tgt Ion: 139 Resp: 445982

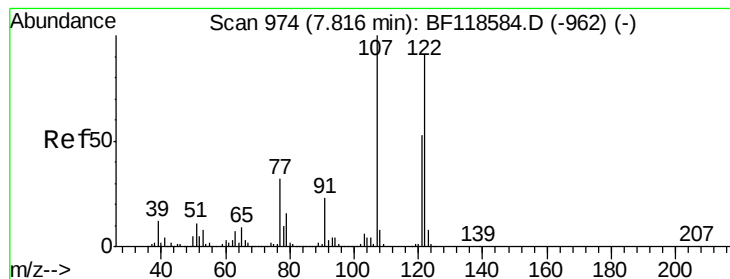
Ion Ratio Lower Upper

139 100

109 28.7 23.1 34.7

65 45.5 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.284 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

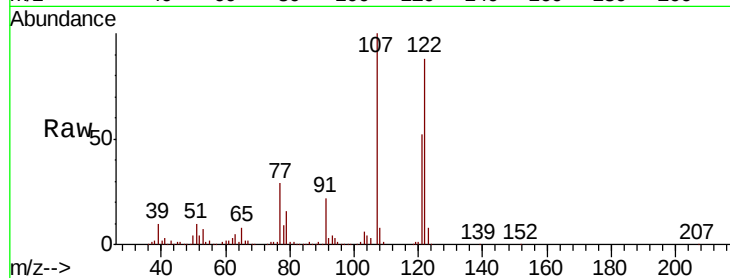
Tot Ion:122 Resp: 739107

Ion Ratio Lower Upper

122 100

107 113.5 91.8 137.8

121 58.6 46.8 70.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

1000000

800000

600000

400000

200000

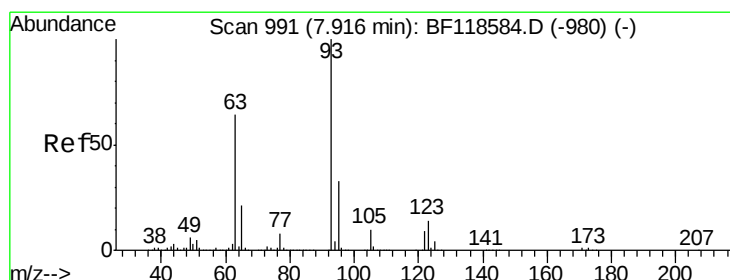
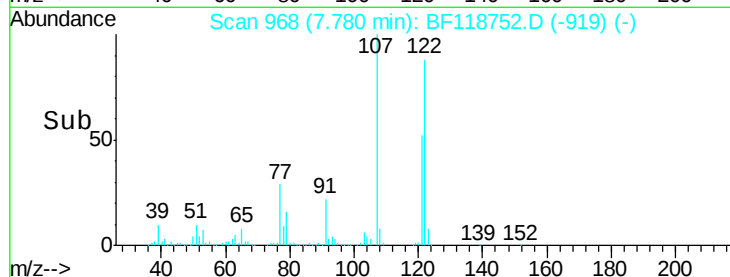
0

7.78

7.75

7.80

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 37.535 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

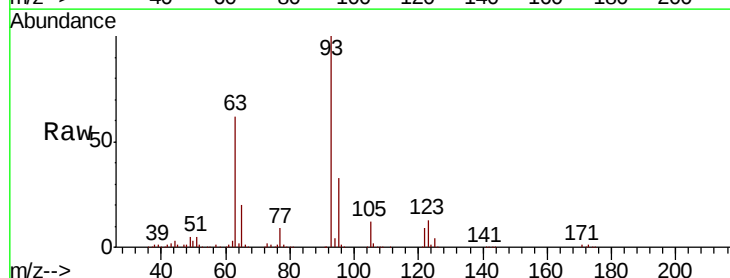
Tgt Ion: 93 Resp: 934252

Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 13.1 10.7 16.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

1200000

1000000

800000

600000

400000

200000

0

7.87

7.80

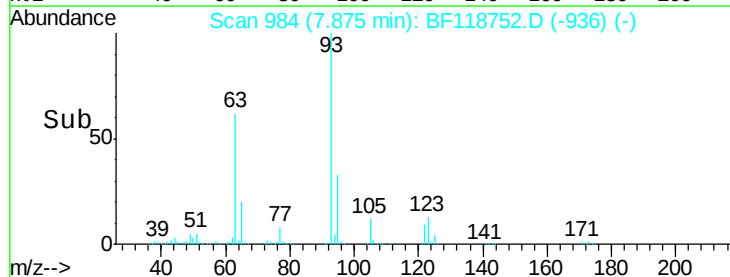
7.85

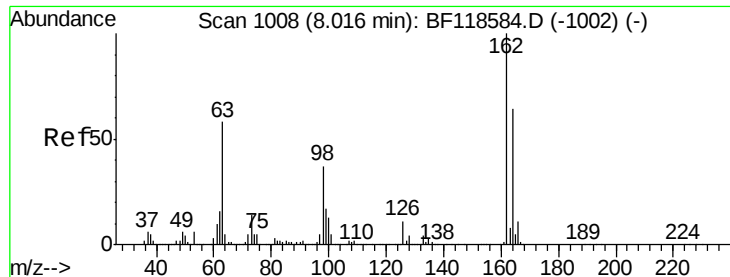
7.90

7.95

8.00

Time-->





#29

2,4-Dichlorophenol

Concen: 40.756 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

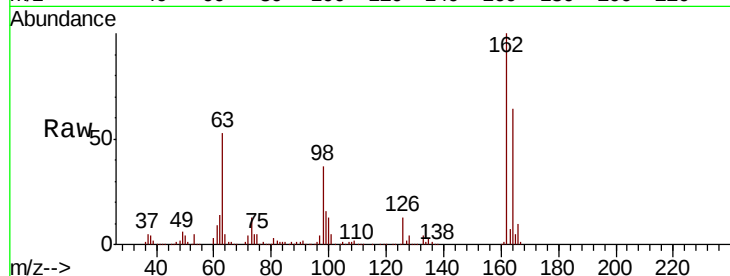
Tot Ion:162 Resp: 719468

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

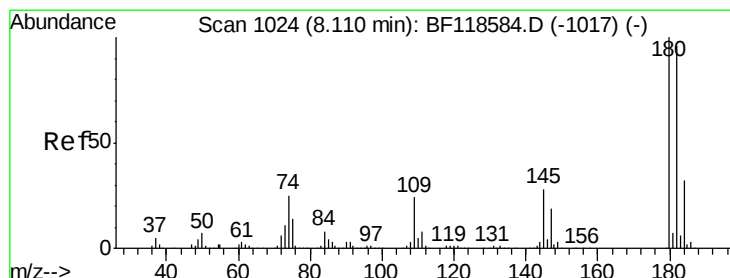
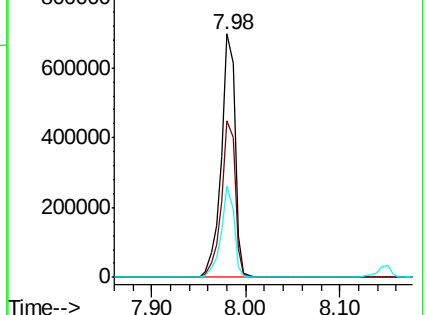
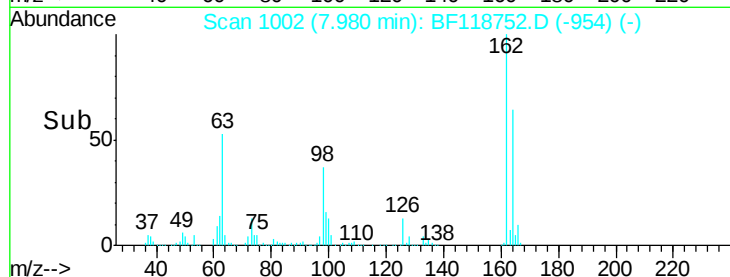
98 37.5 15.0 55.0



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: 39.260 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

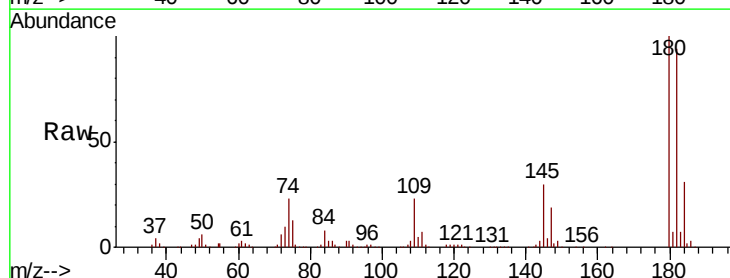
Tgt Ion:180 Resp: 803591

Ion Ratio Lower Upper

180 100

182 94.0 77.0 115.4

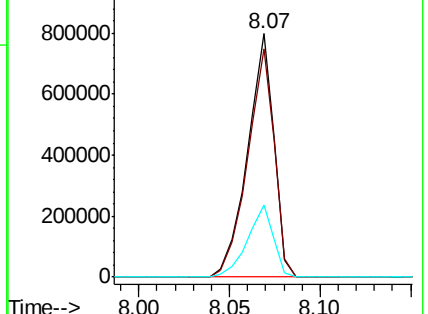
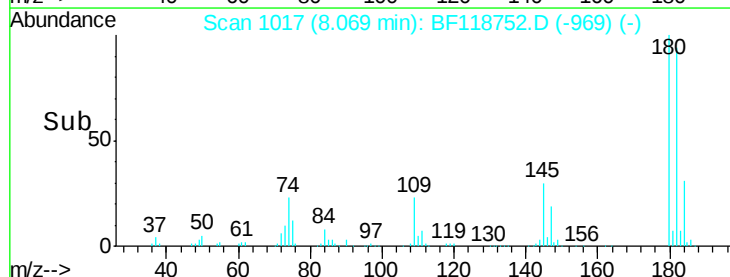
145 29.5 23.5 35.3

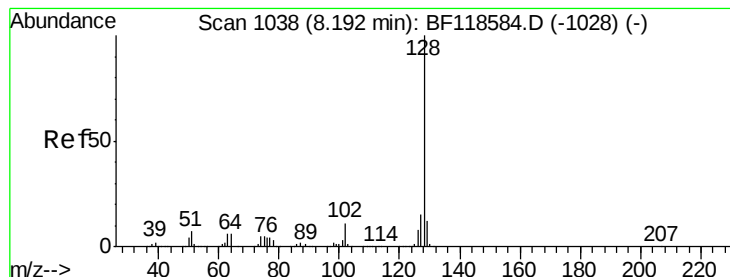


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.017 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

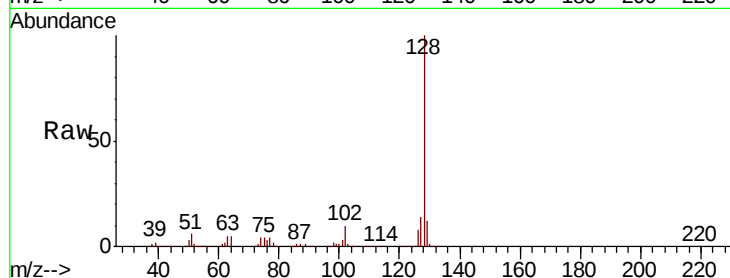
Tot Ion:128 Resp: 2248457

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

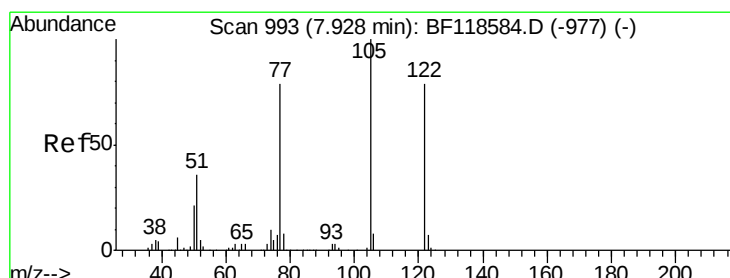
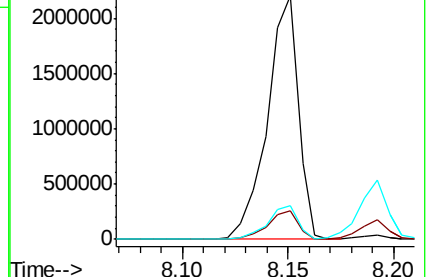
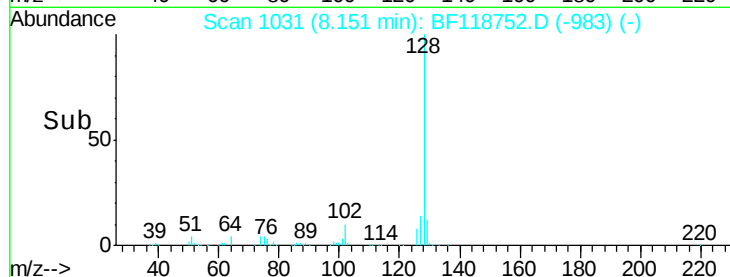
127 14.1 11.3 16.9



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: 40.686 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

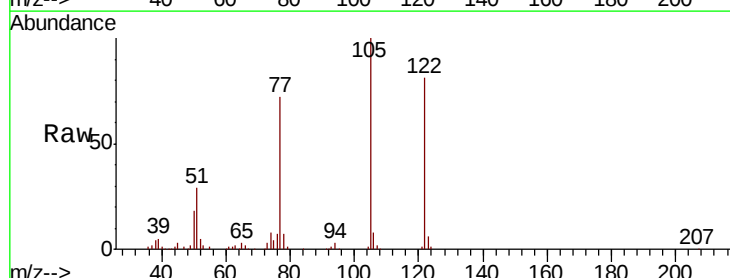
Tgt Ion:122 Resp: 487607

Ion Ratio Lower Upper

122 100

105 123.3 100.9 140.9

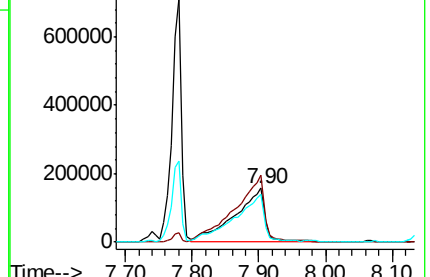
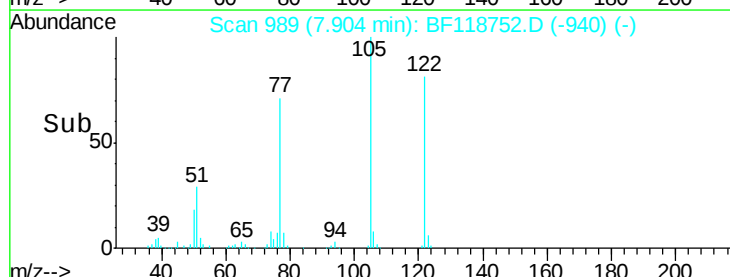
77 88.6 65.1 105.1

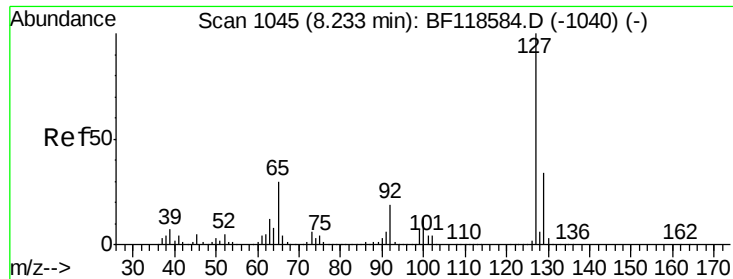


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

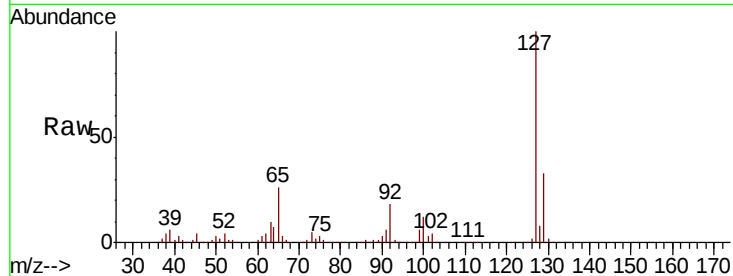




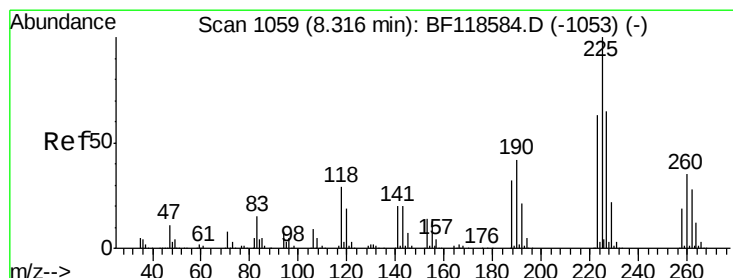
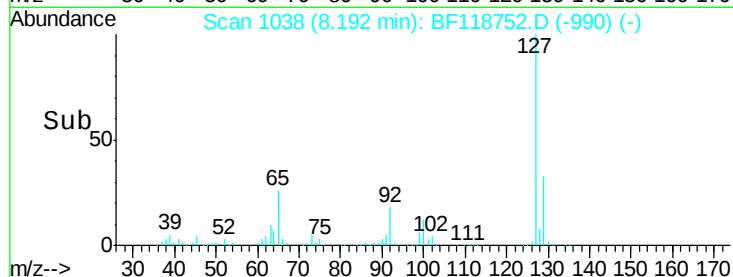
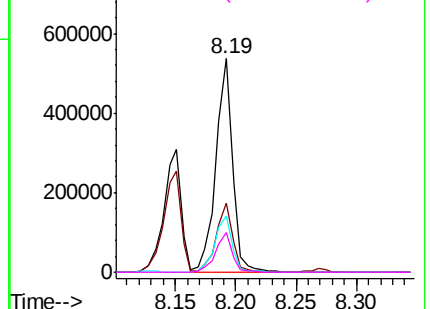
#33
4-Chloroaniline
Concen: 20.510 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	507278
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	26.2	22.6	33.8
92	18.3	15.3	22.9

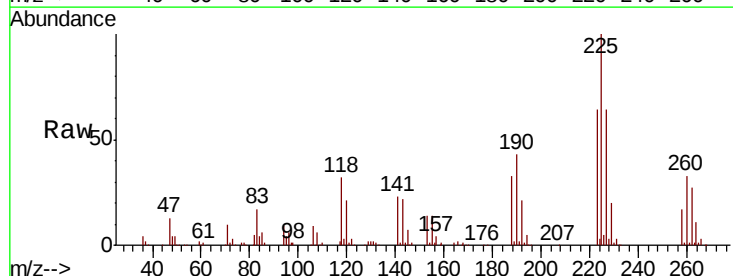


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

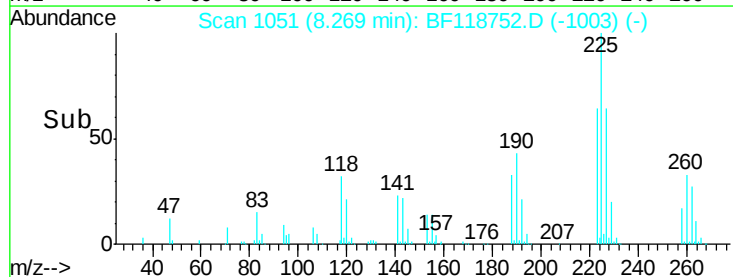
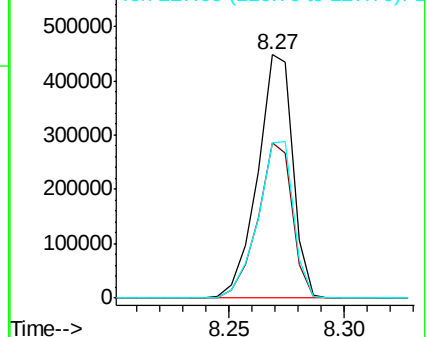


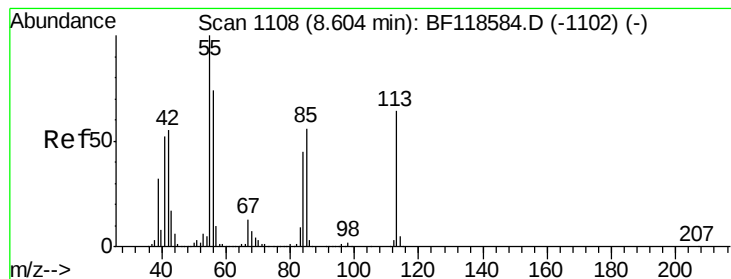
#34
Hexachlorobutadiene
Concen: 38.246 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:	225	Resp:	476724
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.3	75.5
227	63.9	50.5	75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 20.753 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

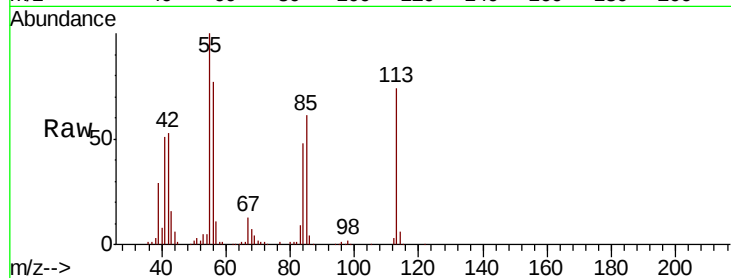
Tot Ion:113 Resp: 119889

Ion Ratio Lower Upper

113 100

55 134.6 119.0 159.0

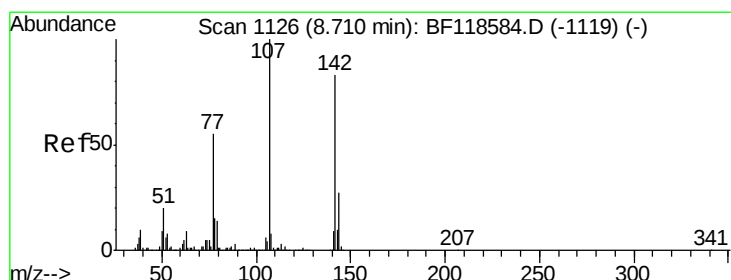
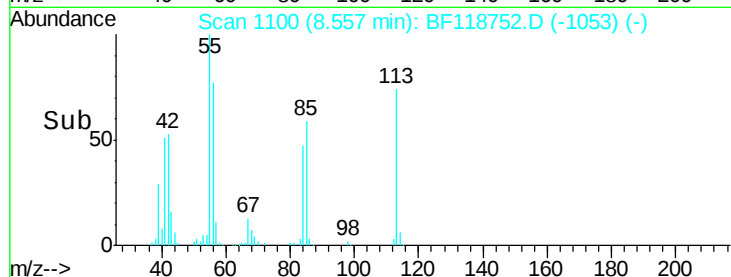
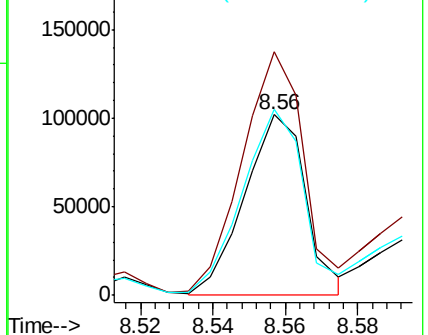
56 103.2 85.4 125.4



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: 41.925 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

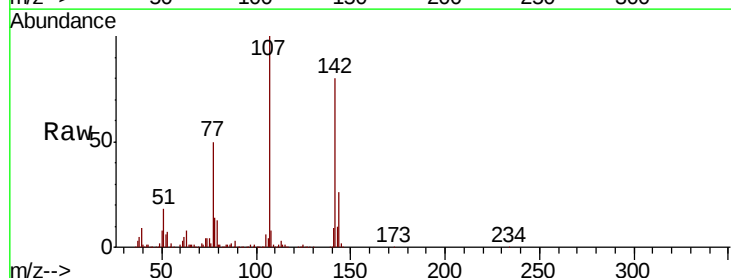
Tgt Ion:107 Resp: 730840

Ion Ratio Lower Upper

107 100

144 26.1 20.9 31.3

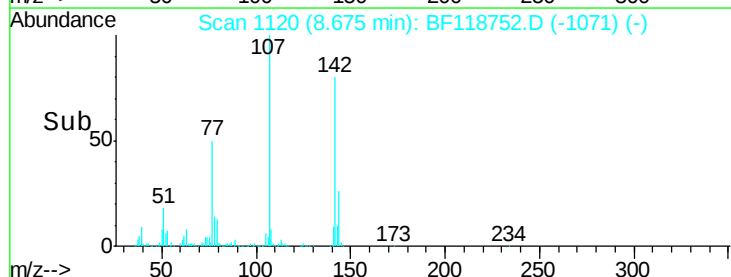
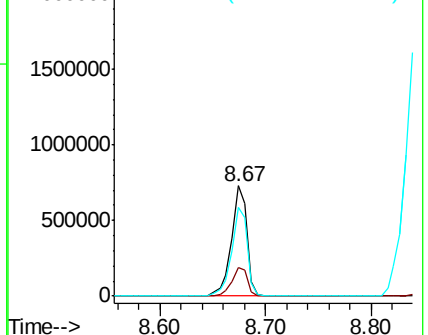
142 80.3 64.5 96.7

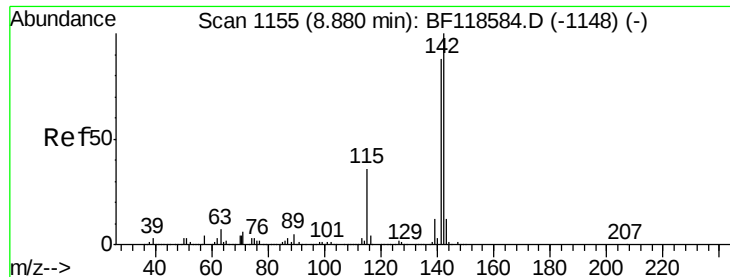


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

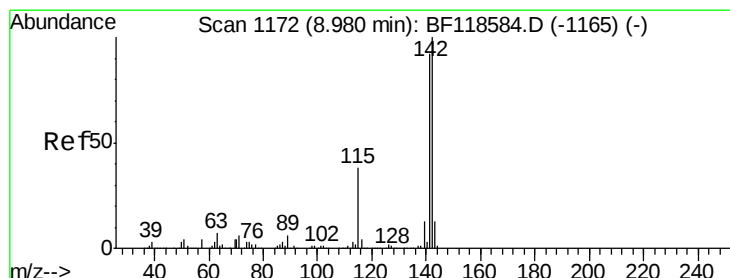
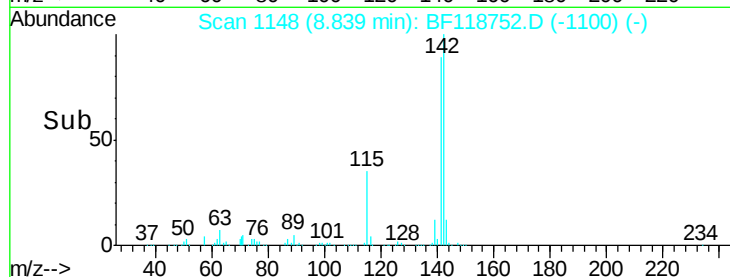
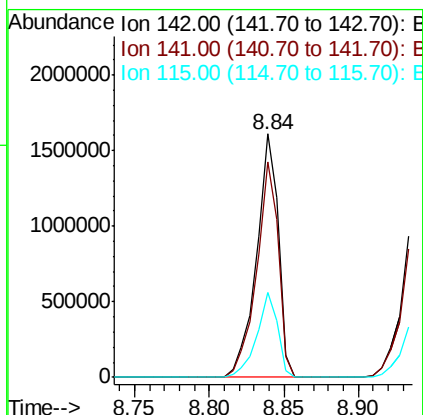
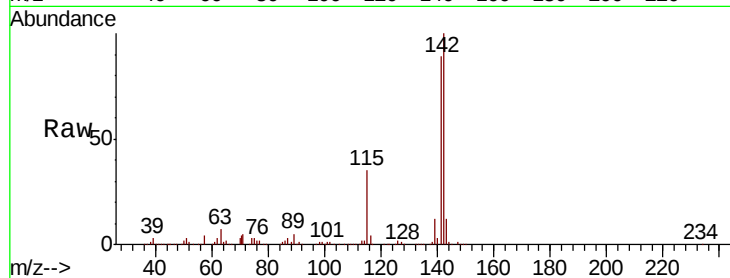




#37
2-Methylnaphthalene
Concen: 42.618 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

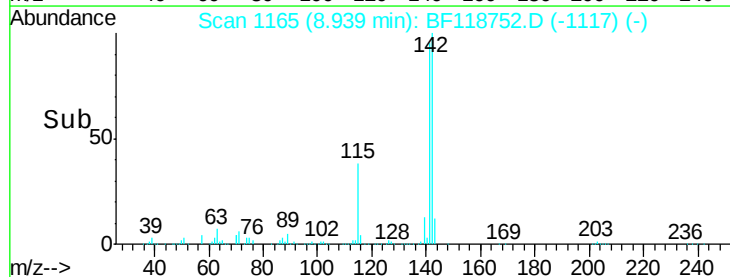
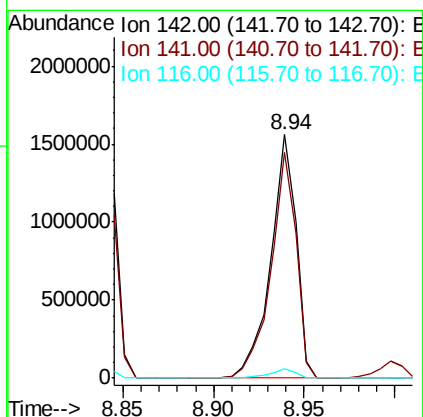
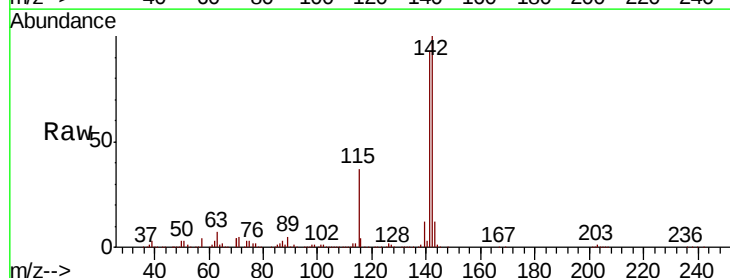
Instrument :
BNA_F
ClientSampleId :

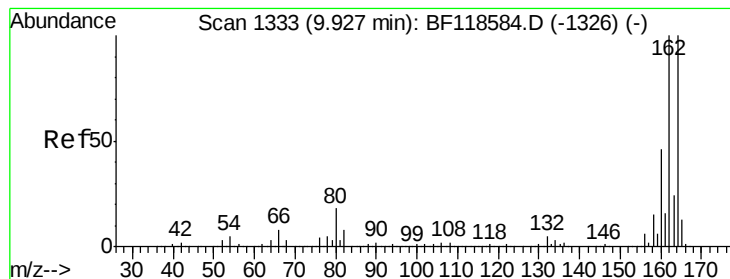
Tot Ion:142 Resp: 1609789
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0
115 35.1 27.5 41.3



#38
1-Methylnaphthalene
Concen: 42.150 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:142 Resp: 1512591
Ion Ratio Lower Upper
142 100
141 92.7 73.5 110.3
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

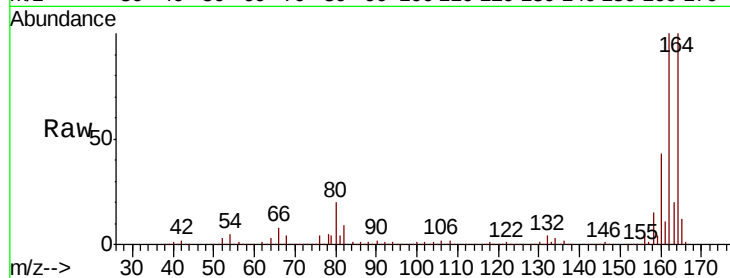
Tot Ion:164 Resp: 692432

Ion Ratio Lower Upper

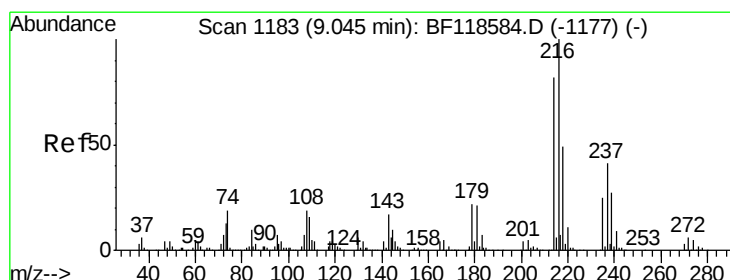
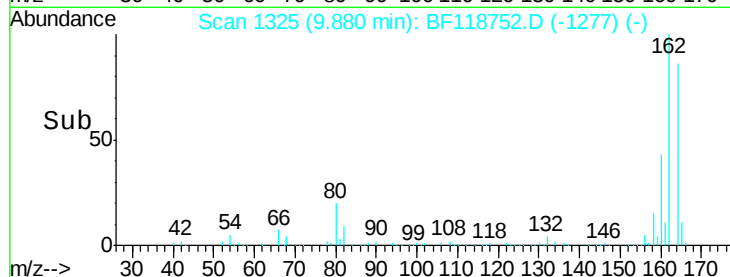
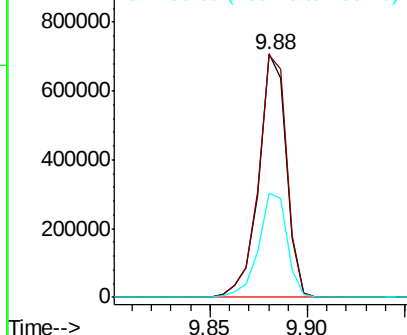
164 100

162 99.5 80.8 121.2

160 42.7 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: 35.779 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:216 Resp: 775182

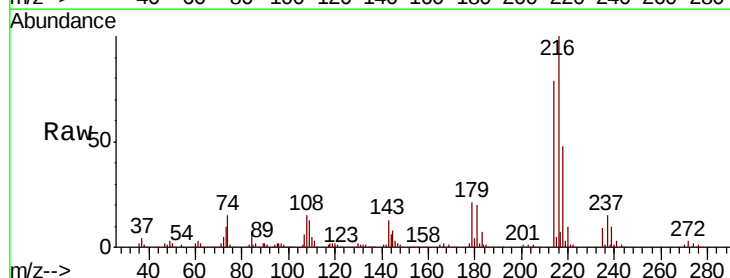
Ion Ratio Lower Upper

216 100

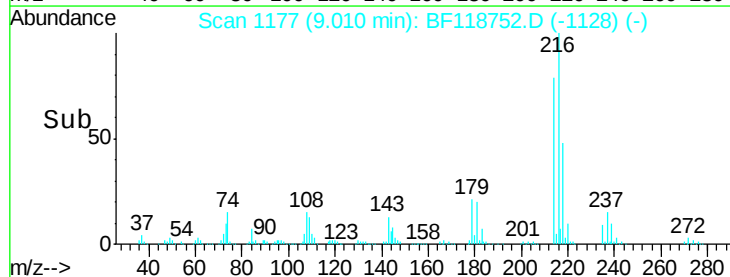
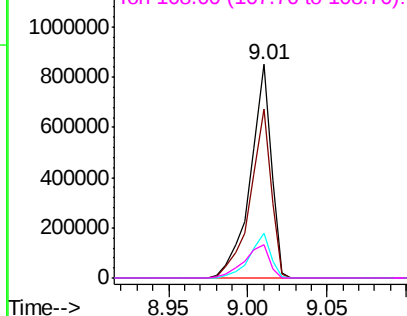
214 78.9 63.4 95.2

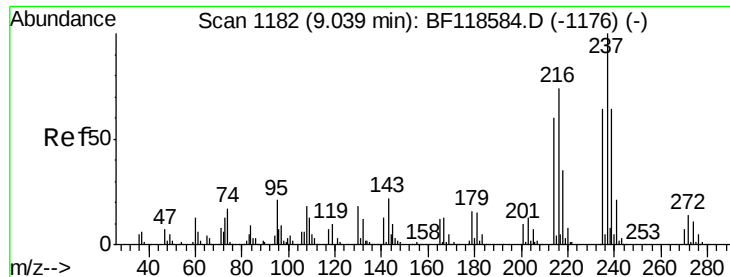
179 21.1 17.0 25.4

108 18.9 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: 83.785 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

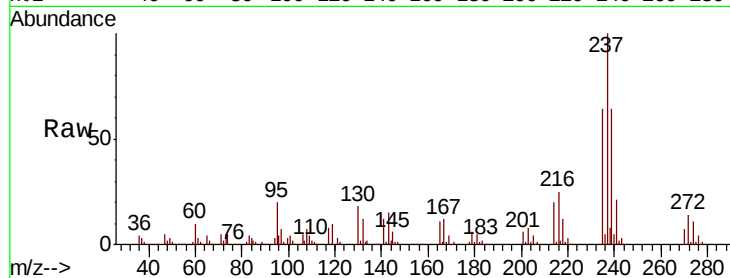
Tot Ion:237 Resp: 915860

Ion Ratio Lower Upper

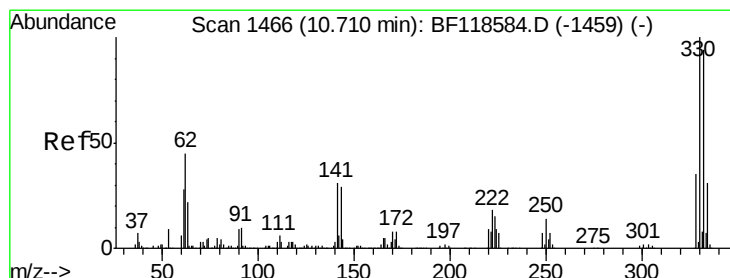
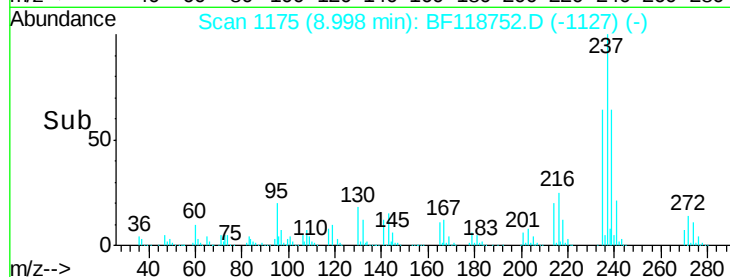
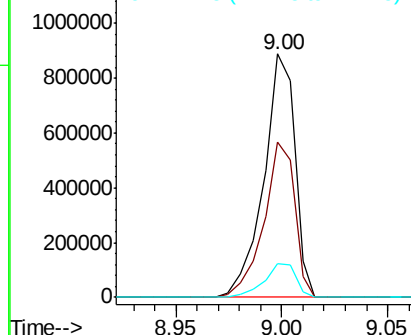
237 100

235 63.9 42.7 82.7

272 13.7 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: 112.887 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

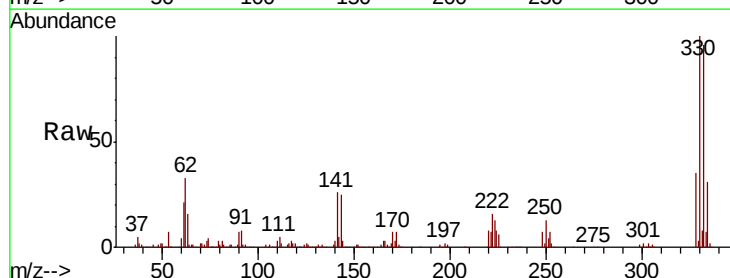
Tgt Ion:330 Resp: 904096

Ion Ratio Lower Upper

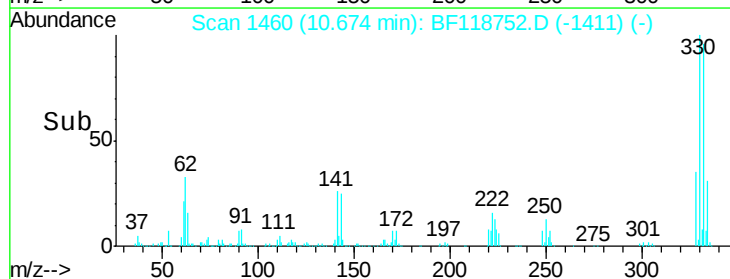
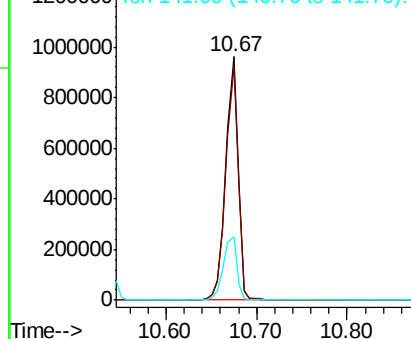
330 100

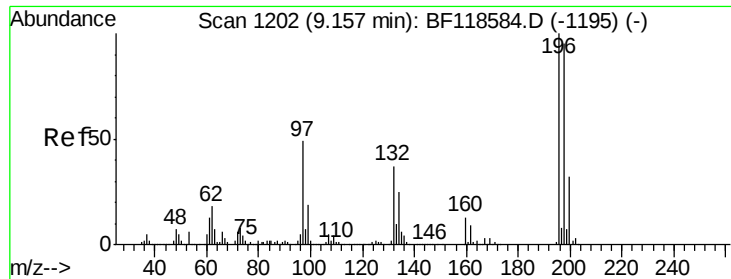
332 96.2 77.6 116.4

141 28.2 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

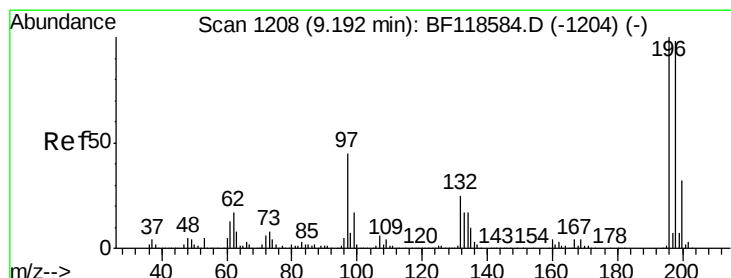
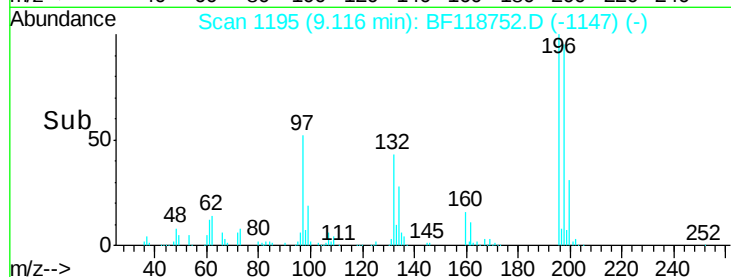
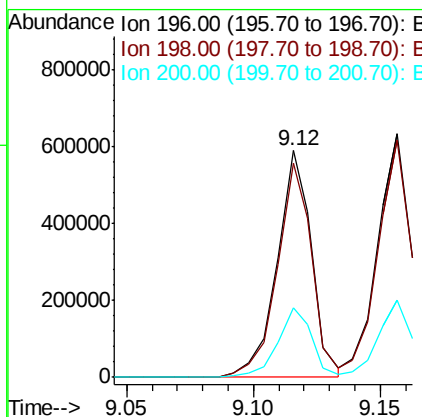
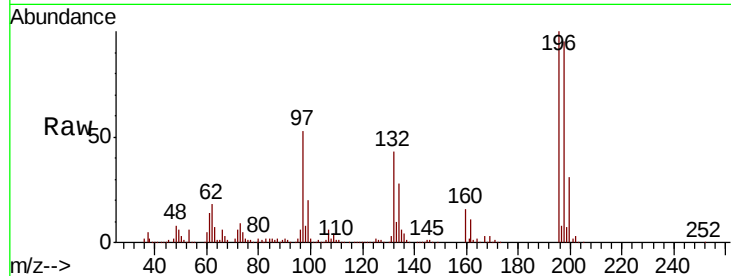




#43
 2,4,6-Trichlorophenol
 Concen: 38.876 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

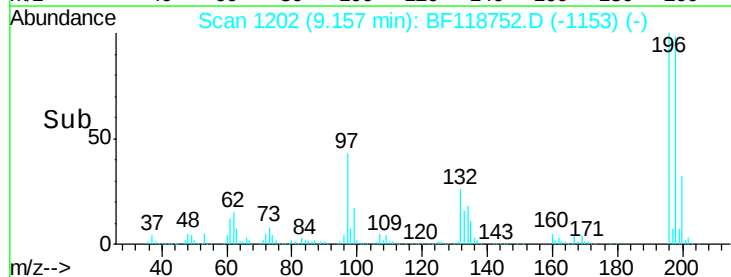
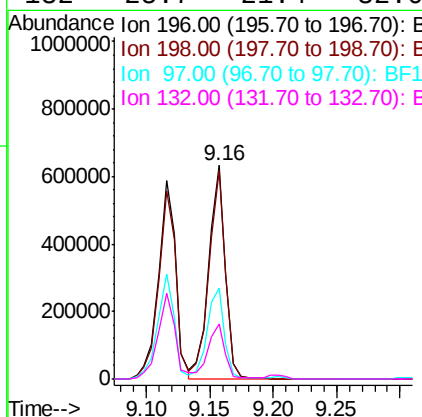
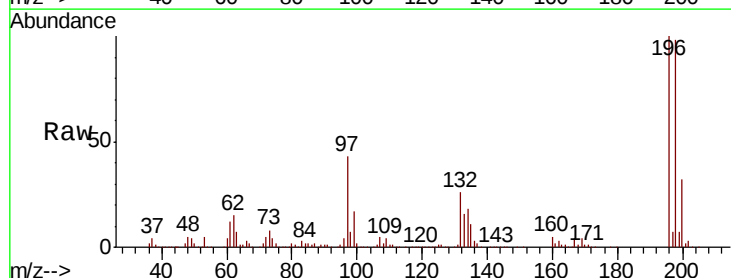
Instrument :
 BNA_F
 ClientSampleId :

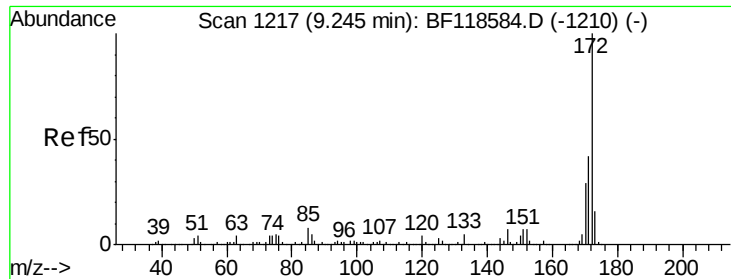
Tot Ion	196	Resp	558917
Ion Ratio	Lower	Upper	
196	100		
198	94.5	76.4	114.6
200	30.8	25.4	38.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.809 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	196	Resp	584522
Ion Ratio	Lower	Upper	
196	100		
198	97.6	76.2	114.4
97	42.8	35.7	53.5
132	25.7	21.4	32.0

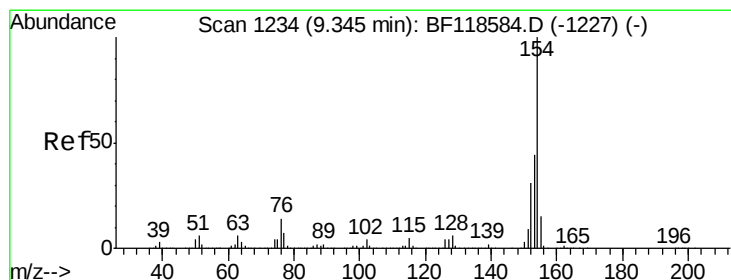
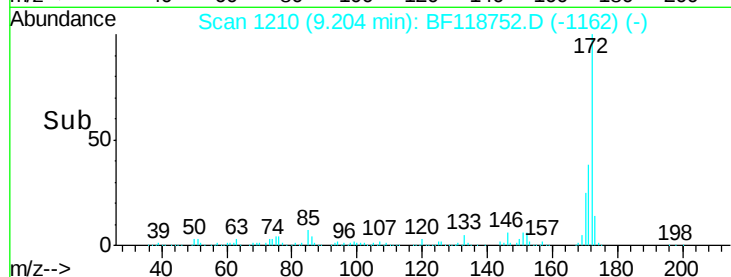
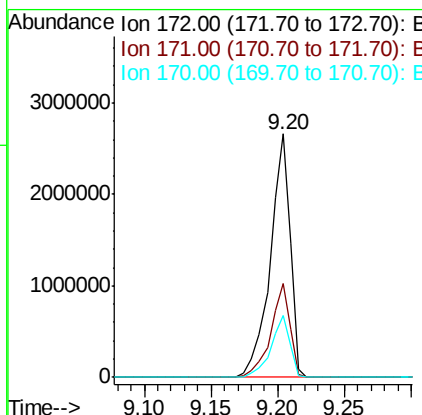
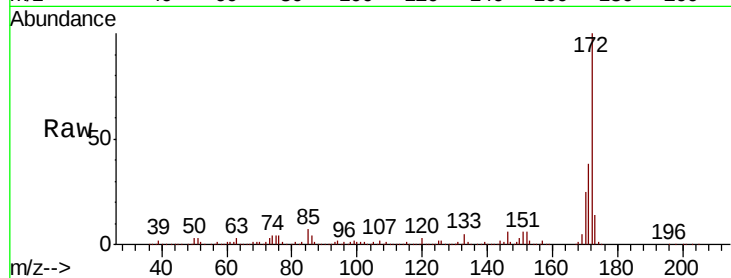




#45
2-Fluorobiphenyl
Concen: 65.427 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

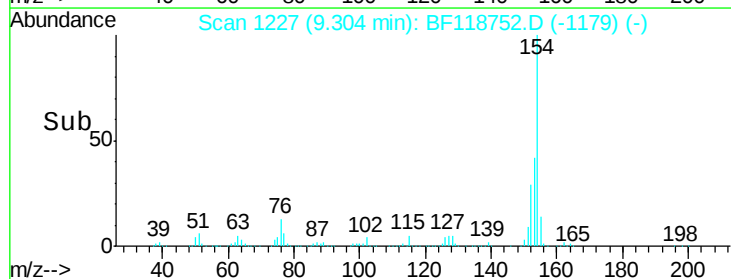
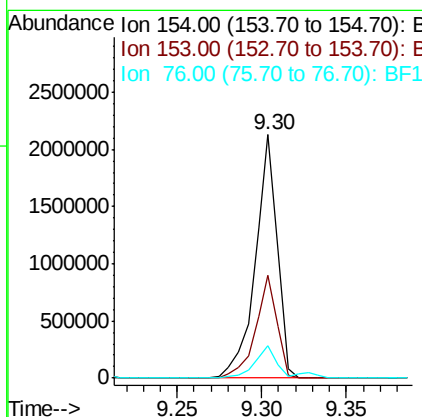
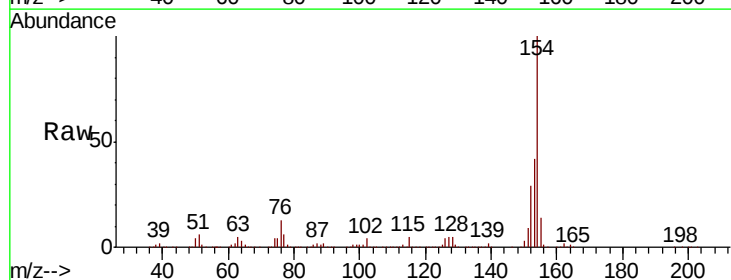
Instrument :
BNA_F
ClientSampleId :

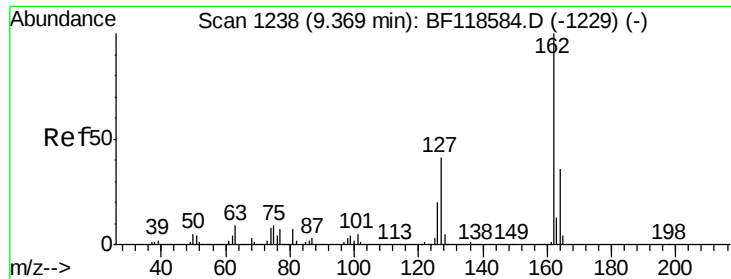
Tot Ion:172 Resp: 2756362
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 25.2 20.7 31.1



#46
1,1'-Biphenyl
Concen: 40.218 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:154 Resp: 1919304
Ion Ratio Lower Upper
154 100
153 42.4 22.3 62.3
76 13.1 0.0 32.0

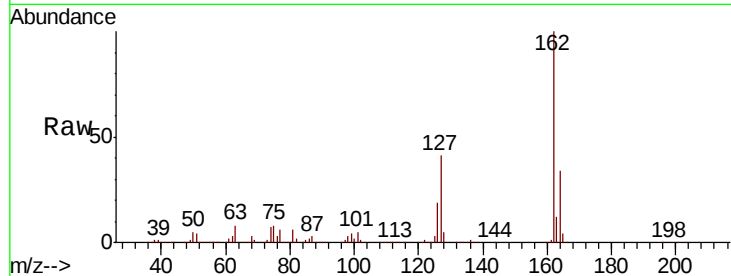




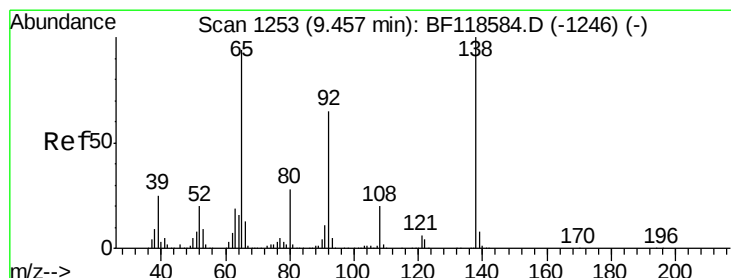
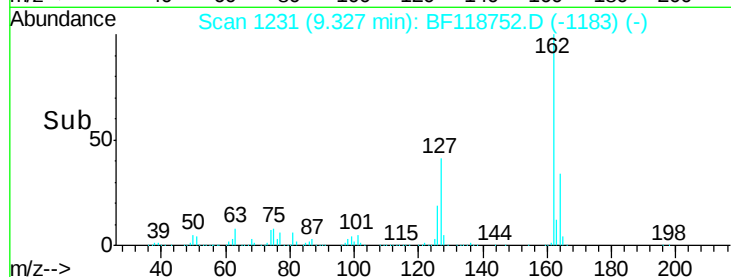
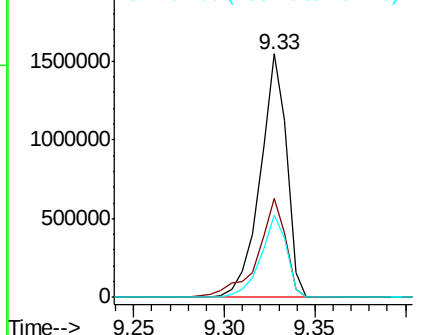
#47
2-Chloronaphthalene
Concen: 38.792 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1560352
Ion Ratio Lower Upper
162 100
127 40.8 32.9 49.3
164 33.6 27.5 41.3

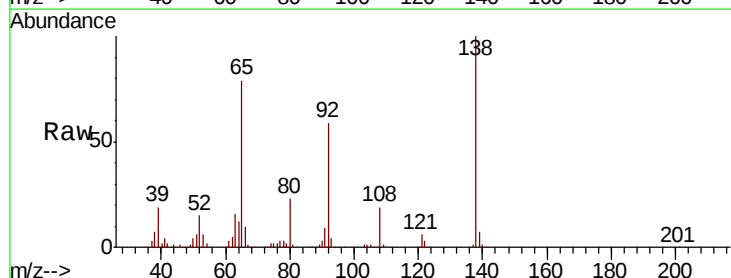


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

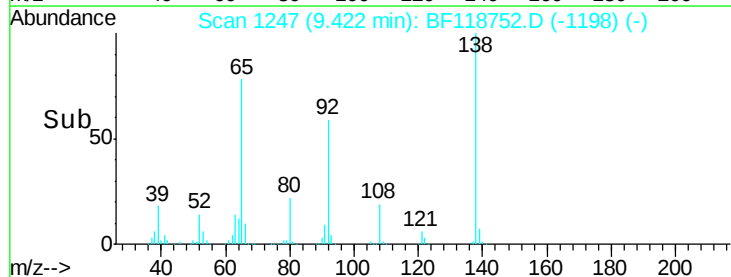
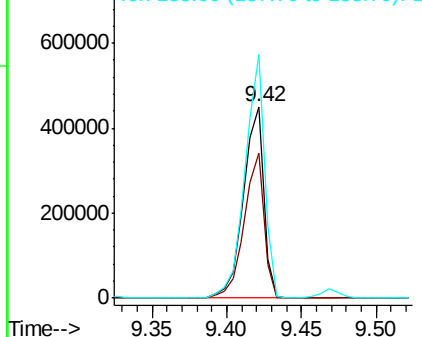


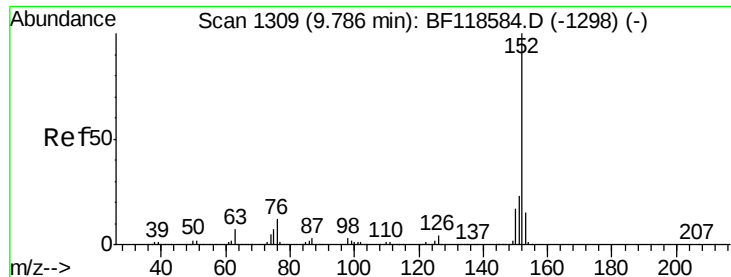
#48
2-Nitroaniline
Concen: 34.582 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion: 65 Resp: 427604
Ion Ratio Lower Upper
65 100
92 75.5 57.8 86.6
138 127.1 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: 42.230 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

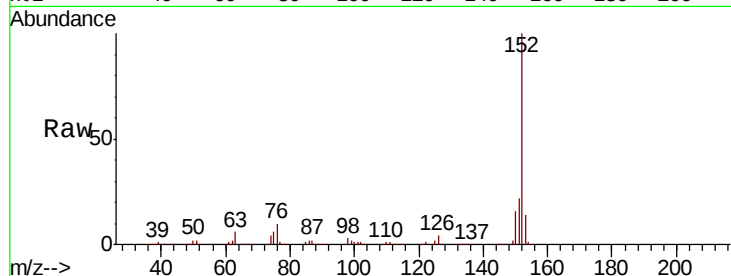
Tot Ion:152 Resp: 2389679

Ion Ratio Lower Upper

152 100

151 21.6 17.1 25.7

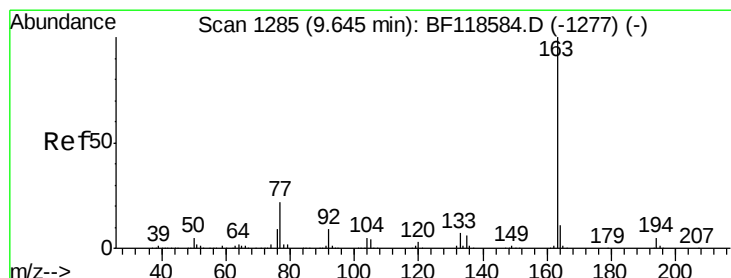
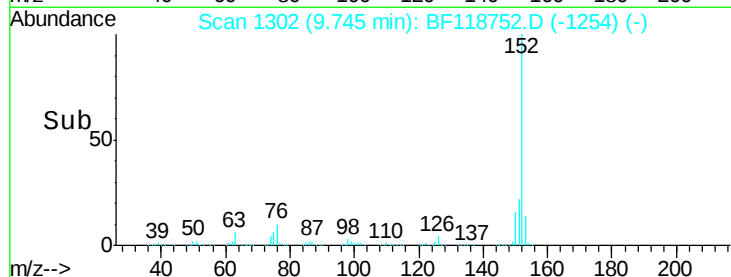
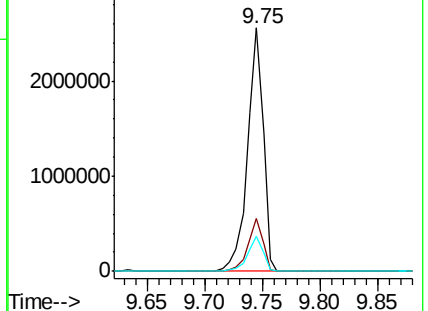
153 14.1 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.370 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

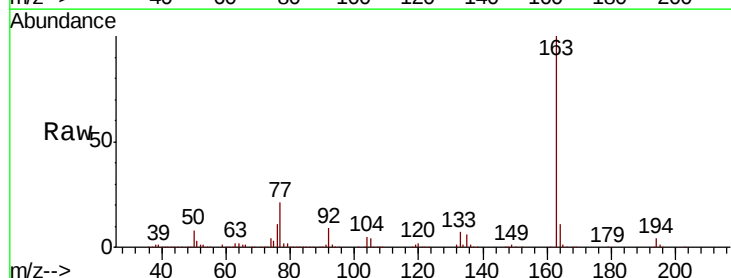
Tgt Ion:163 Resp: 1866330

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

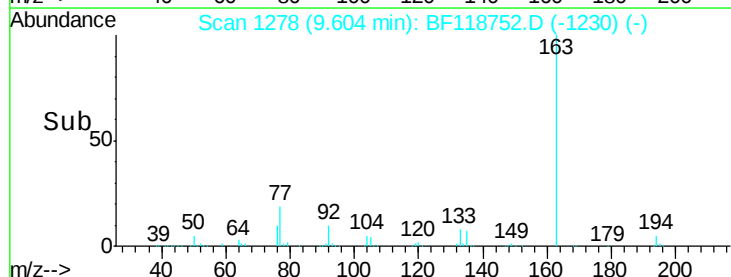
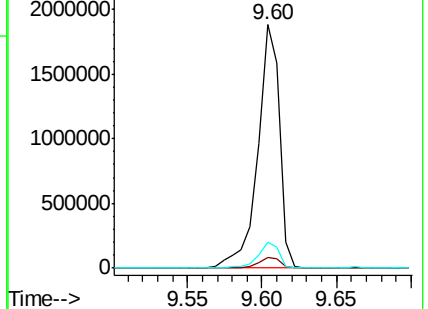
164 10.8 8.2 12.2

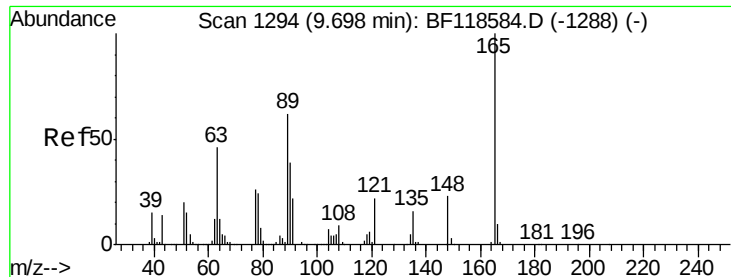


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

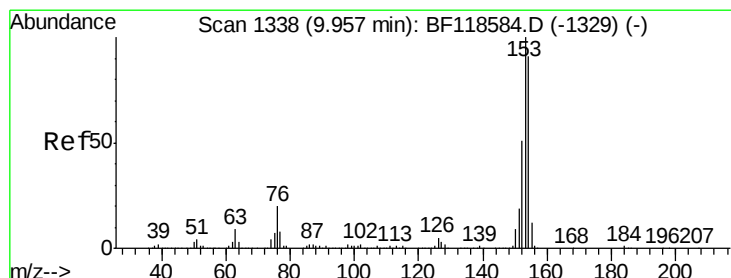
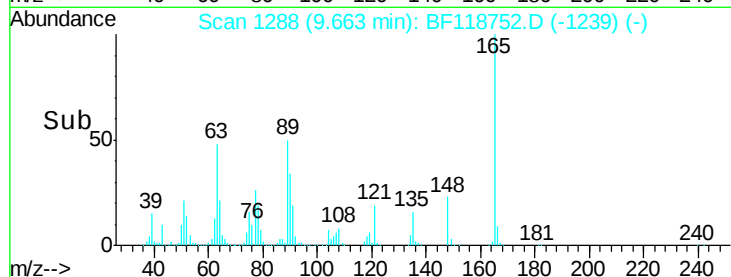
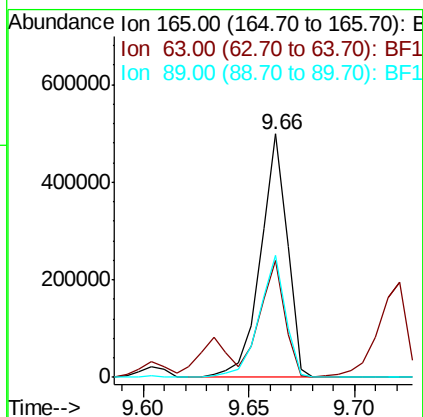
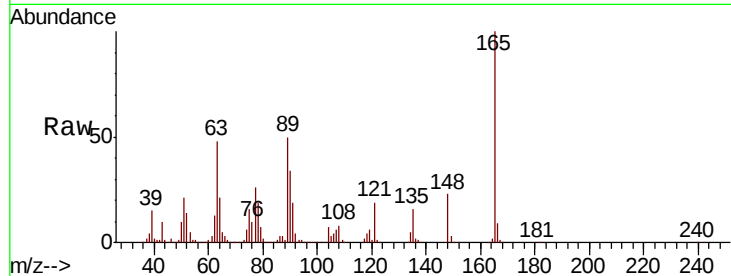




#51
2,6-Dinitrotoluene
Concen: 43.575 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

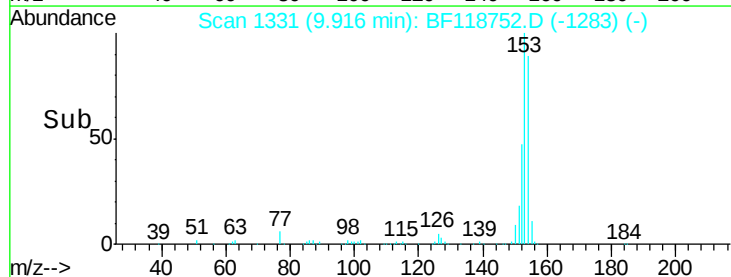
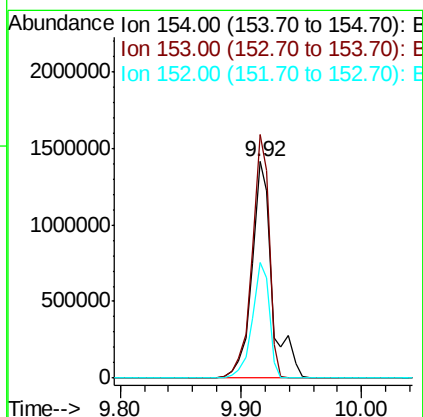
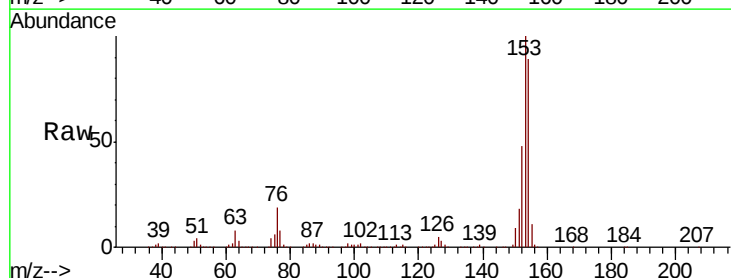
Instrument :
BNA_F
ClientSampleId :

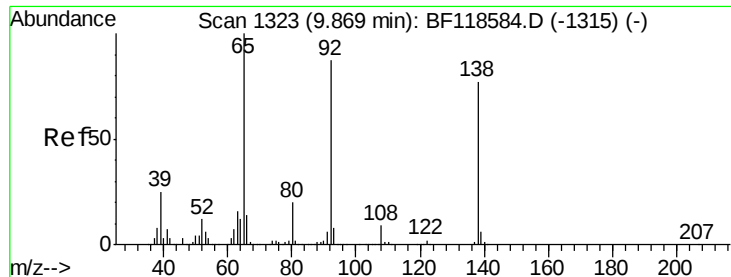
Tot Ion:165 Resp: 440192
Ion Ratio Lower Upper
165 100
63 48.0 39.8 59.6
89 49.9 41.4 62.2



#52
Acenaphthene
Concen: 43.687 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:154 Resp: 1653029
Ion Ratio Lower Upper
154 100
153 112.5 89.1 133.7
152 53.7 43.0 64.6

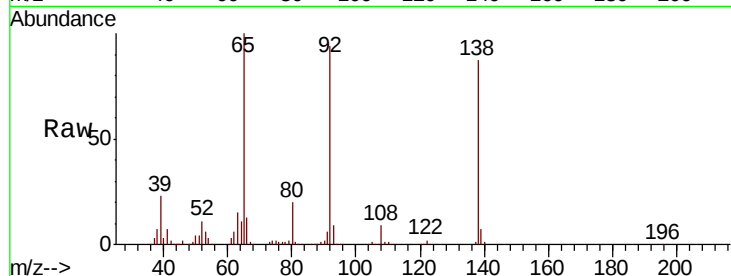




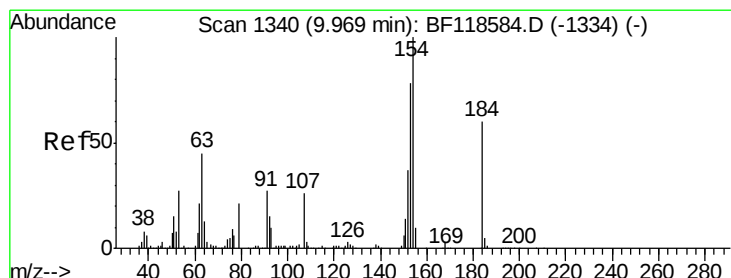
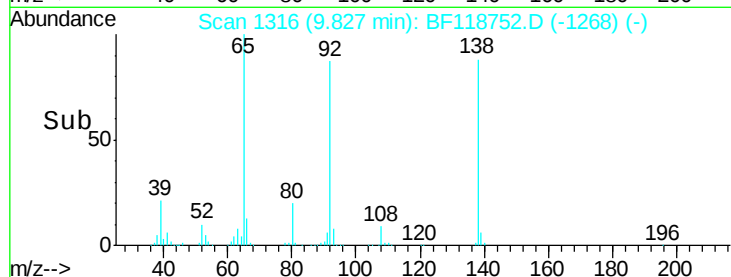
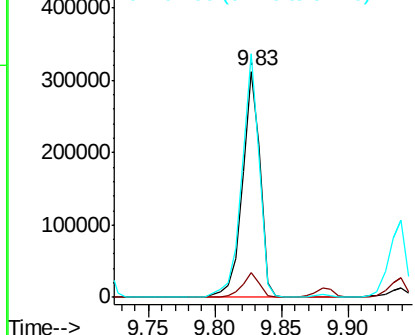
#53
3-Nitroaniline
Concen: 24.702 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 284937
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 107.8 87.8 131.6

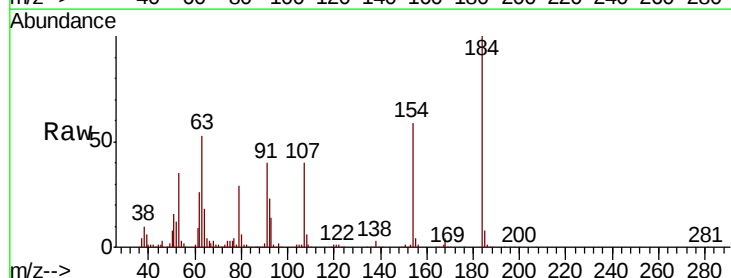


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

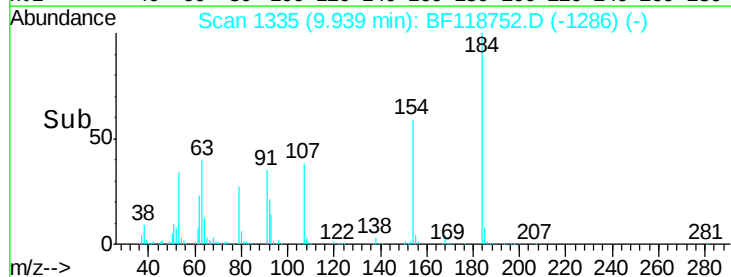
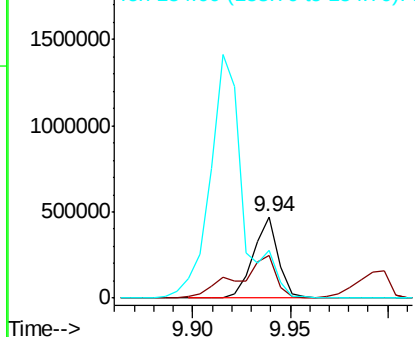


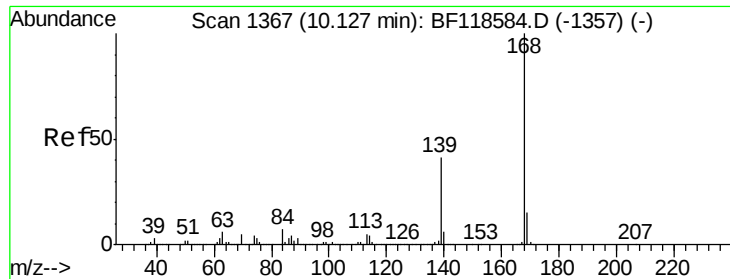
#54
2,4-Dinitrophenol
Concen: 104.020 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:184 Resp: 419511
Ion Ratio Lower Upper
184 100
63 53.2 36.0 54.0
154 58.6 44.6 66.8



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

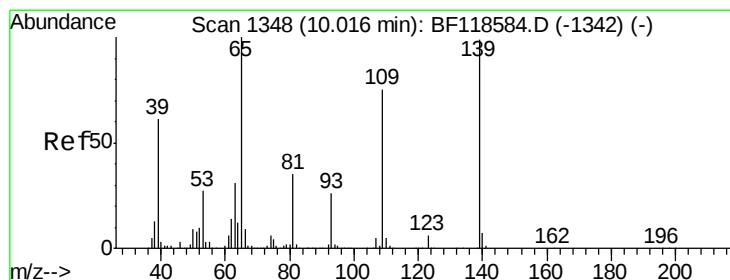
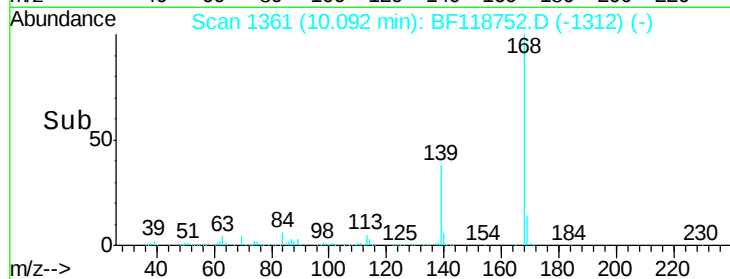
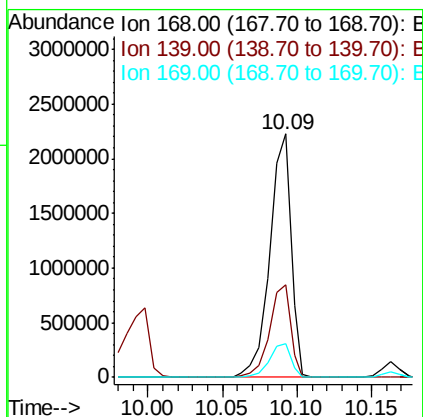
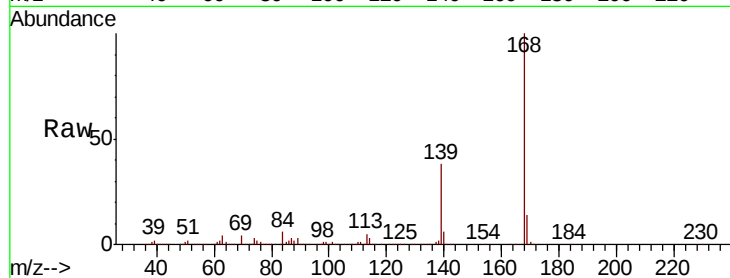




#55
Dibenzofuran
Concen: 41.761 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

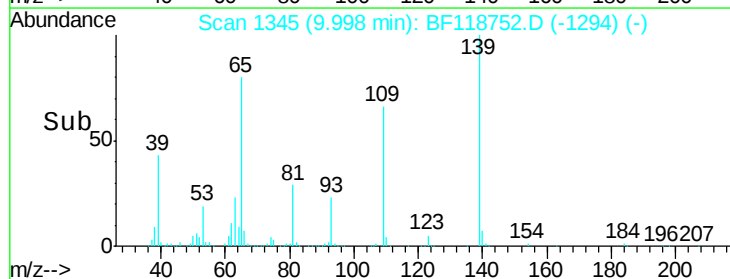
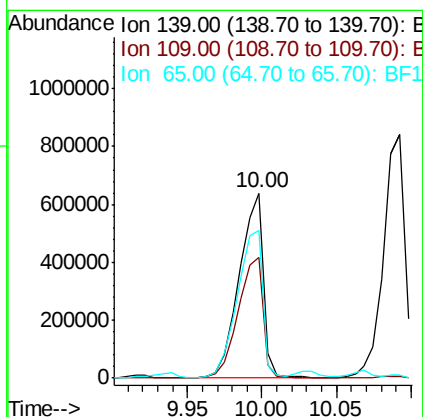
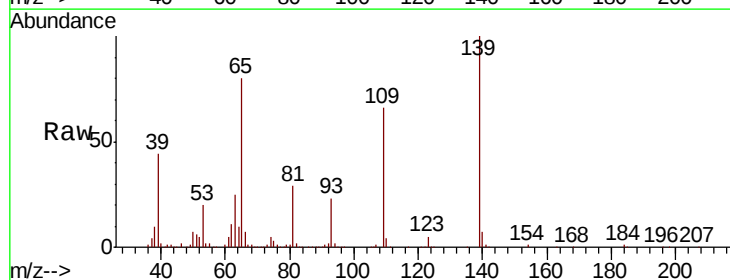
Instrument :
BNA_F
ClientSampleId :

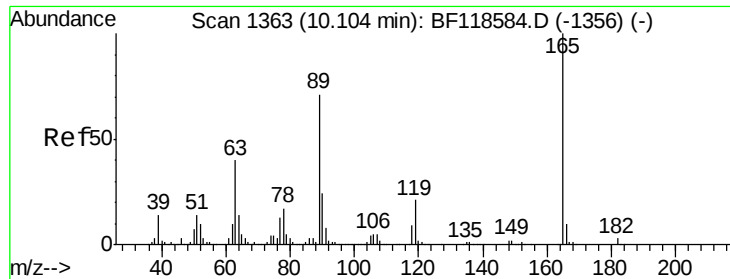
Tot Ion:168 Resp: 2189816
Ion Ratio Lower Upper
168 100
139 37.8 31.6 47.4
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 82.794 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:139 Resp: 720965
Ion Ratio Lower Upper
139 100
109 65.6 47.0 87.0
65 80.0 65.7 105.7

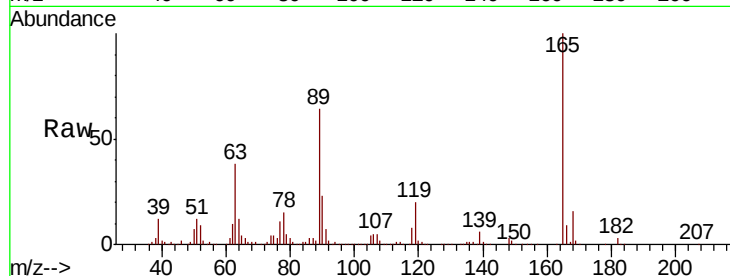




#57
2,4-Dinitrotoluene
Concen: 45.719 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.6	28.5	42.7
89	63.9	50.4	75.6
182	3.0	2.3	3.5



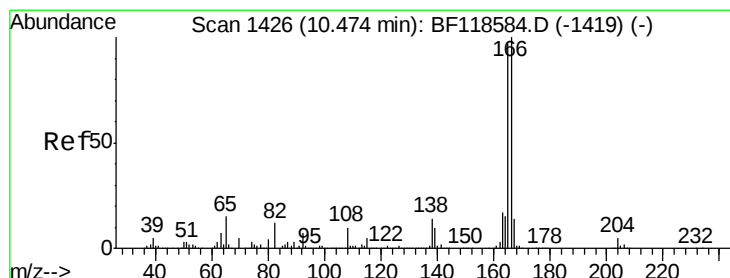
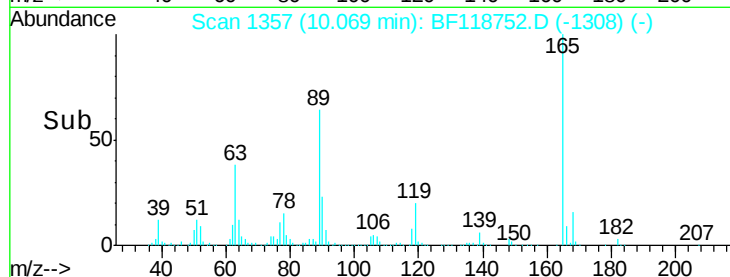
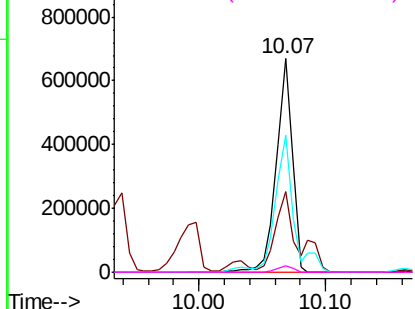
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

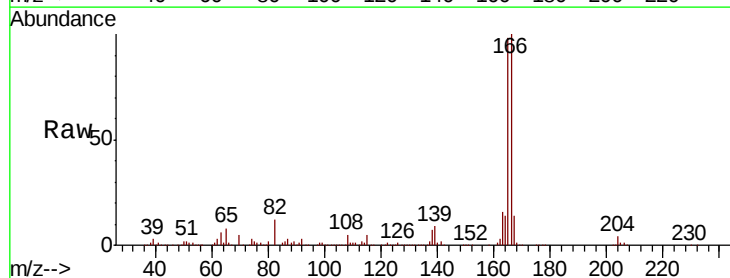
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.780 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

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

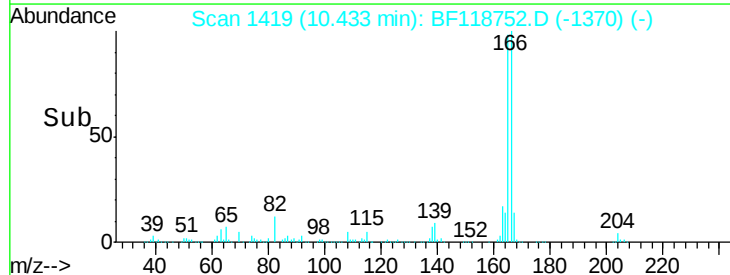
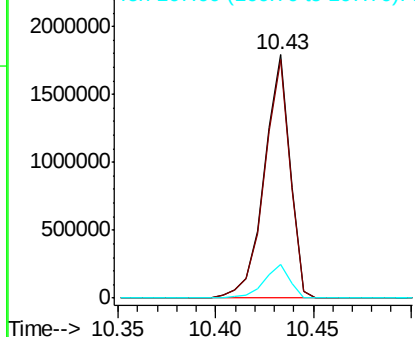


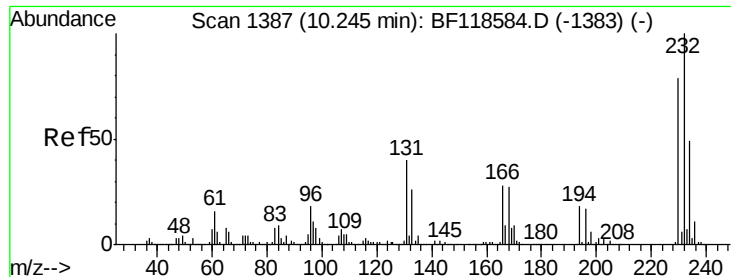
Abundance

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

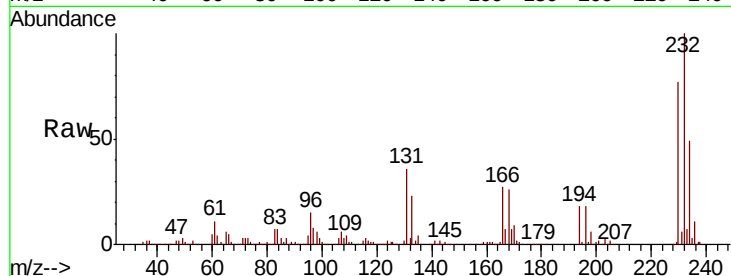




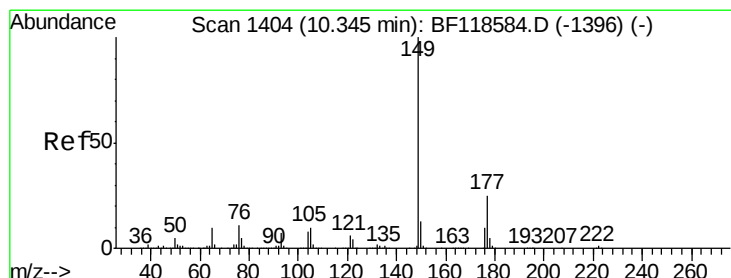
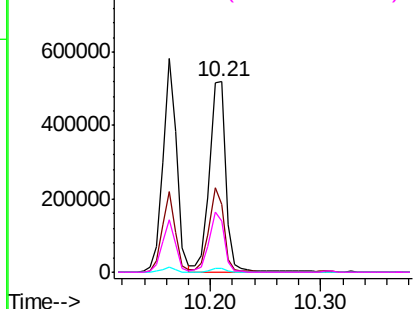
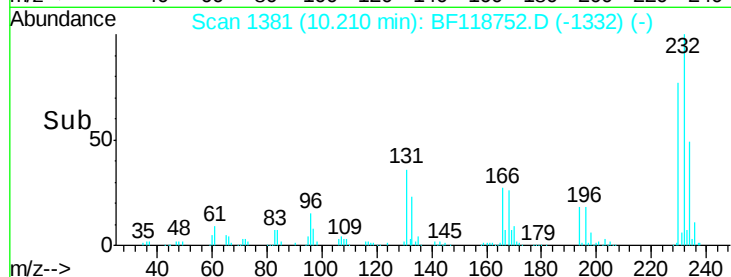
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.586 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:232	Resp:	524162
Ion Ratio	Lower	Upper
232	100	
131	39.8	31.8 47.6
130	1.9	1.5 2.3
166	29.0	22.8 34.2

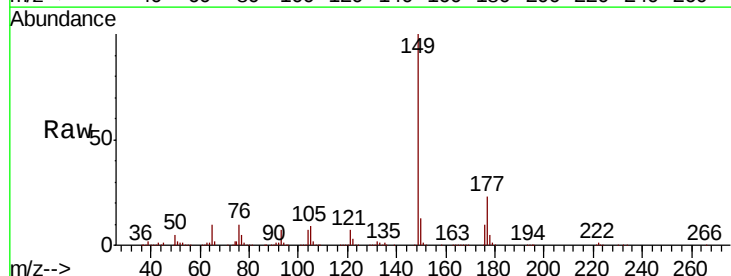


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

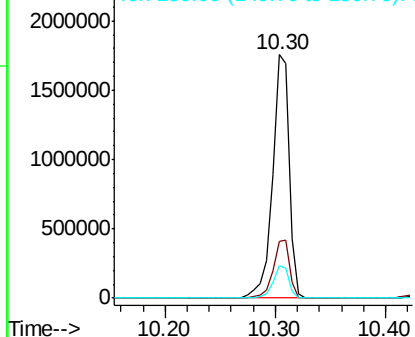
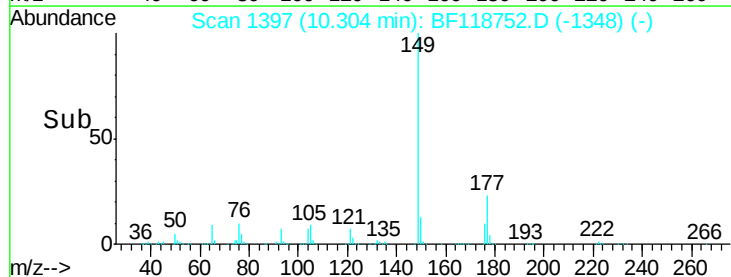


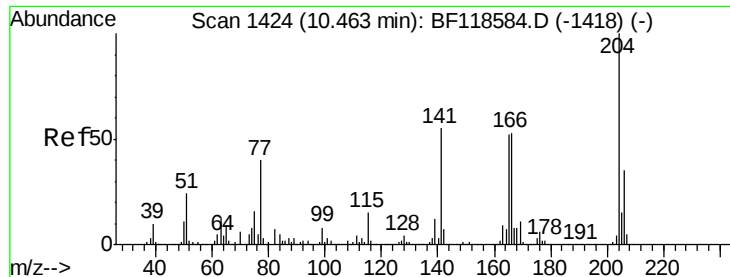
#60
 Diethylphthalate
 Concen: 42.573 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion:149	Resp:	1862148
Ion Ratio	Lower	Upper
149	100	
177	23.4	19.1 28.7
150	13.3	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

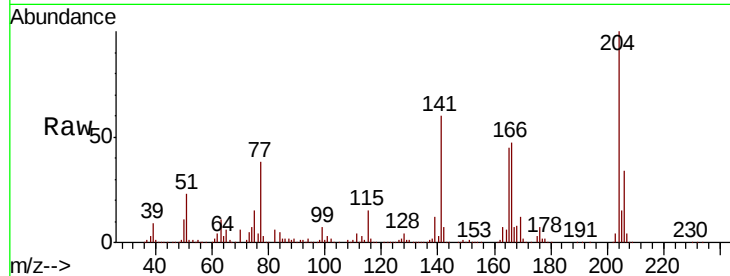




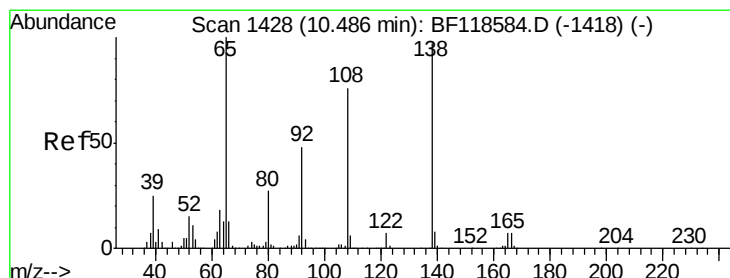
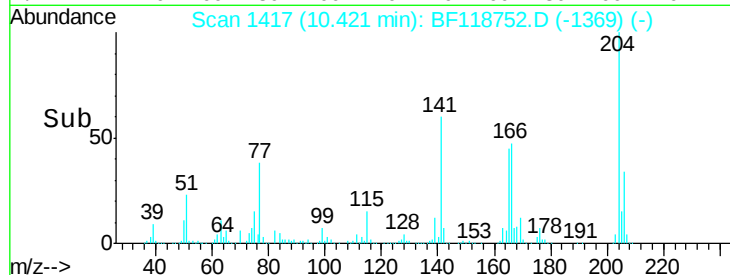
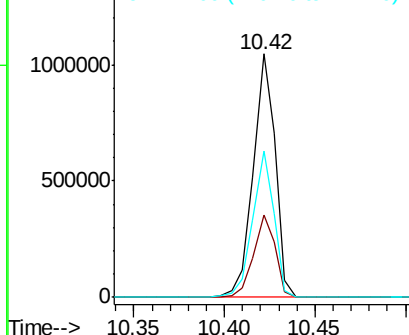
#61
4-Chlorophenyl-phenylether
Concen: 39.464 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 883559
Ion Ratio Lower Upper
204 100
206 34.0 27.0 40.6
141 60.1 43.9 65.9

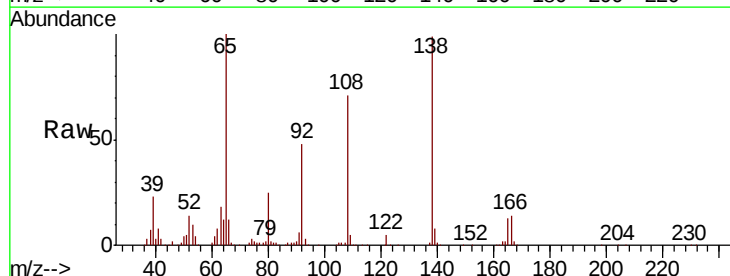


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

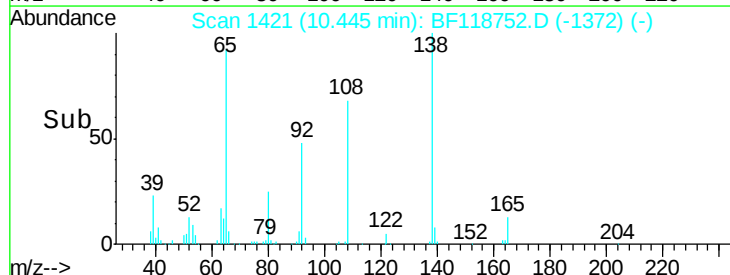
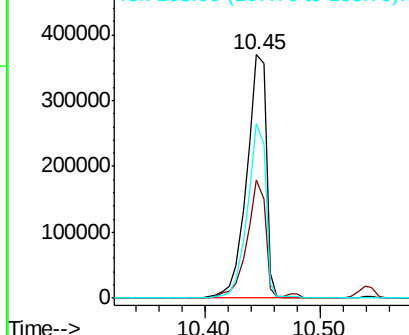


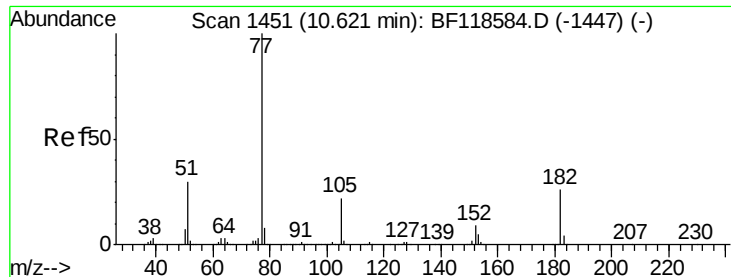
#62
4-Nitroaniline
Concen: 36.637 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:138 Resp: 433502
Ion Ratio Lower Upper
138 100
92 48.5 29.2 69.2
108 71.8 50.8 90.8



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





#63

Azobenzene

Concen: 38.233 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

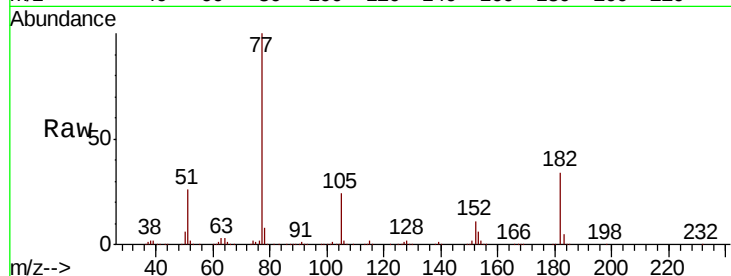
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 1619565

Ion	Ratio	Lower	Upper
77	100		
182	33.7	12.3	52.3
105	24.1	4.0	44.0
51	26.4	7.2	47.2

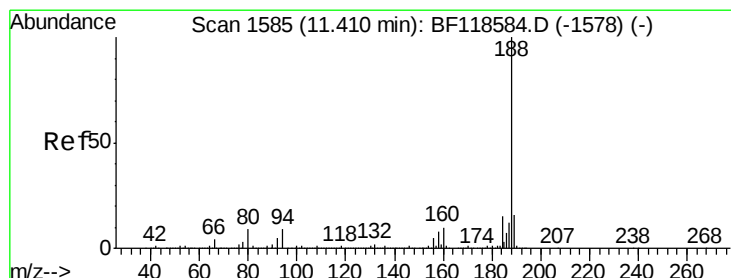
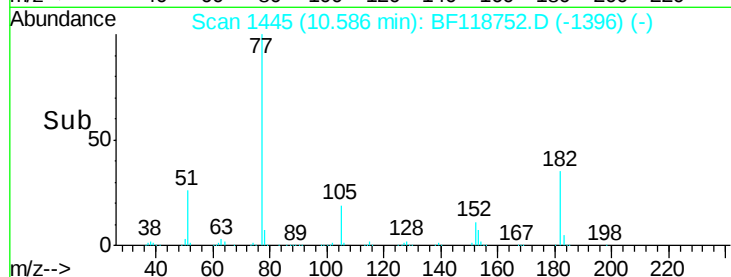
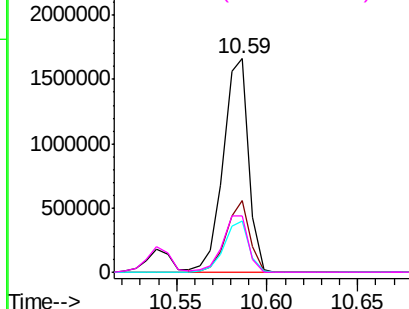


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

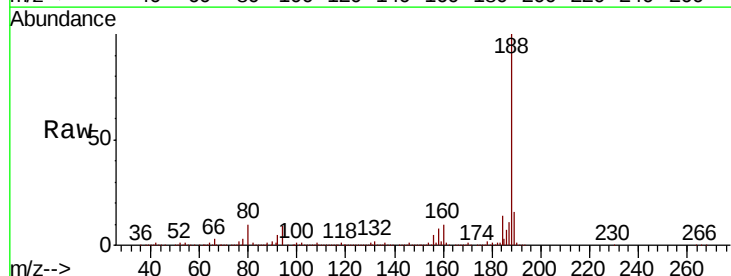
Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion: 188 Resp: 1299752

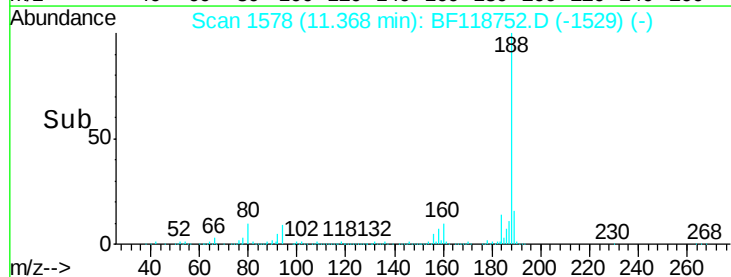
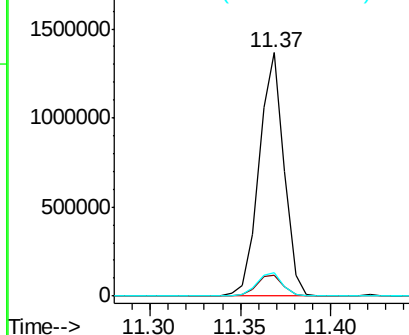
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.6	7.8	11.8

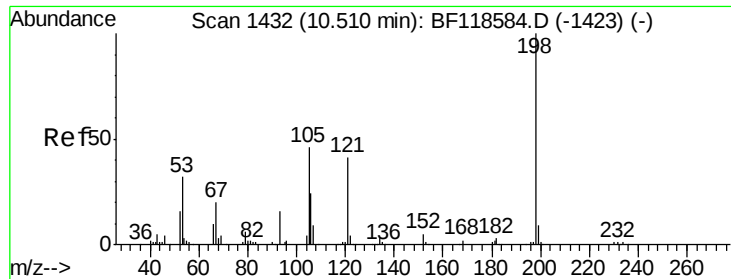


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 56.852 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

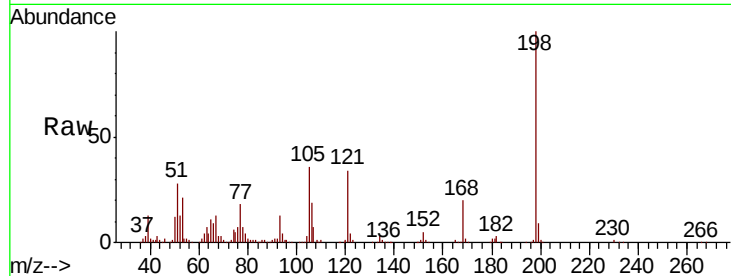
Tot Ion:198 Resp: 324926

Ion	Ratio	Lower	Upper
198	100		
51	27.9	9.6	49.6
105	36.0	15.5	55.5

198 100

51 27.9 9.6 49.6

105 36.0 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

600000

500000

400000

300000

200000

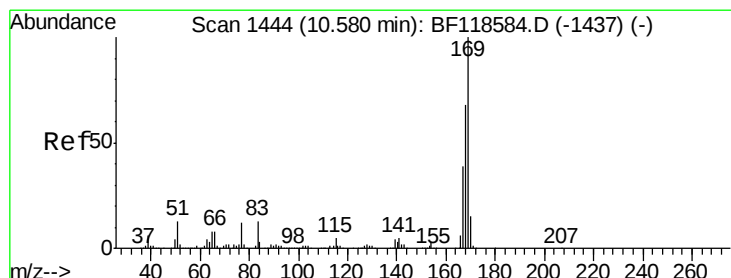
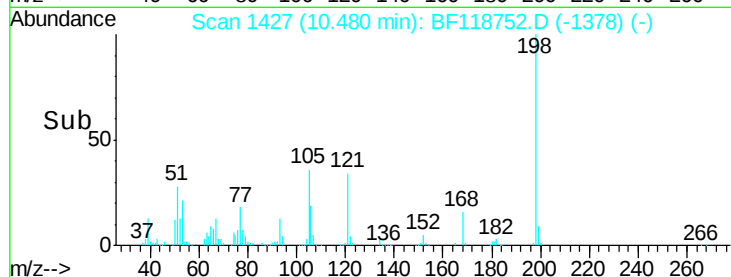
100000

0

10.40

10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 39.707 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

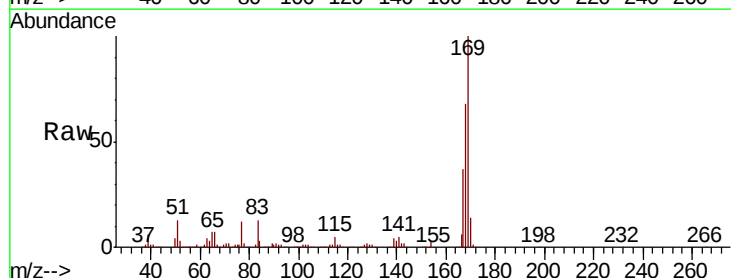
Tgt Ion:169 Resp: 1556427

Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.4	80.0
167	36.8	29.2	43.8

169 100

168 67.9 53.4 80.0

167 36.8 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

2000000

1500000

1000000

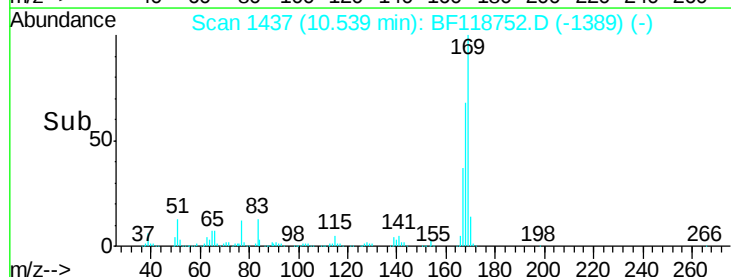
500000

0

10.50

10.60

Time-->

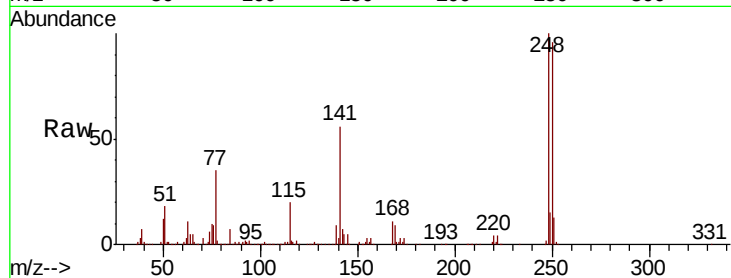




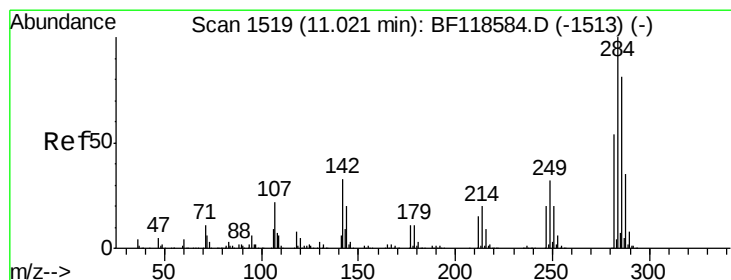
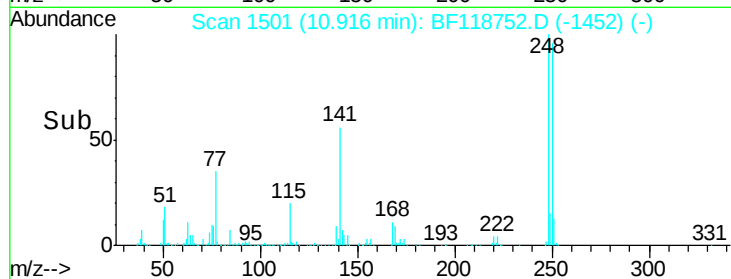
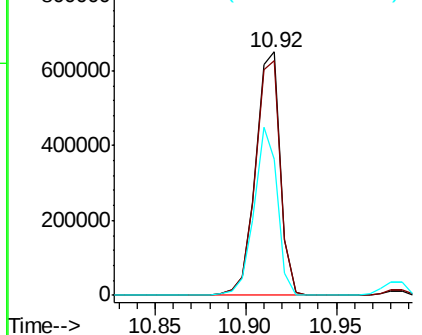
#67
4-Bromophenyl-phenylether
Concen: 38.276 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 614633
Ion Ratio Lower Upper
248 100
250 96.3 78.7 118.1
141 56.1 48.4 72.6

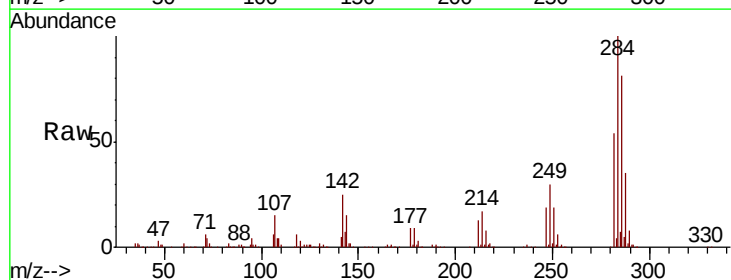


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

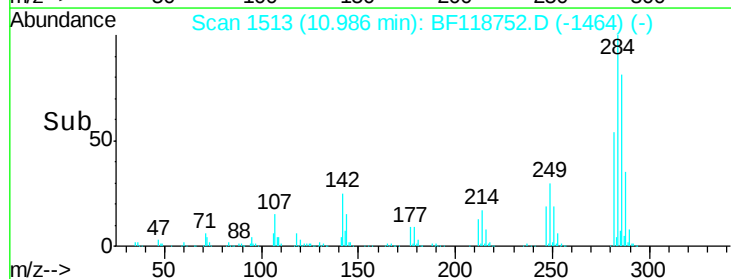
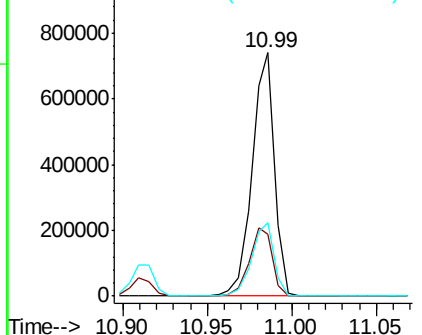


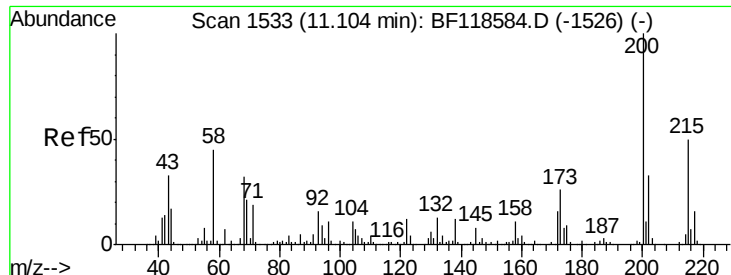
#68
Hexachlorobenzene
Concen: 37.716 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:284 Resp: 686637
Ion Ratio Lower Upper
284 100
142 25.3 23.1 34.7
249 29.9 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

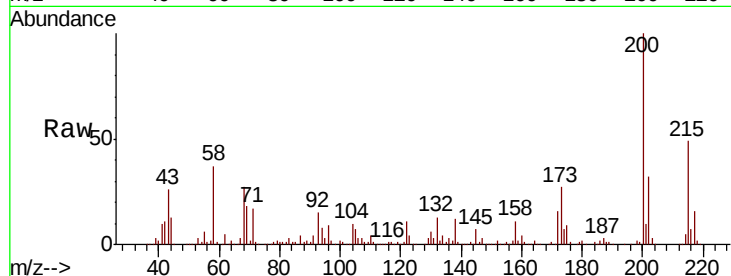




#69
 Atrazine
 Concen: 43.412 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.8	46.8
215	49.2	30.4	70.4

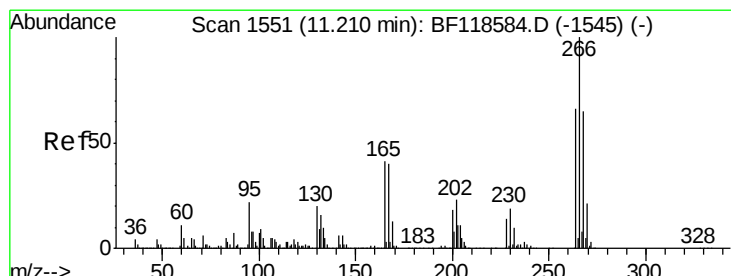
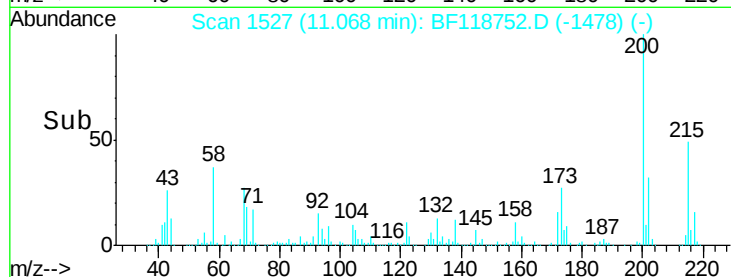
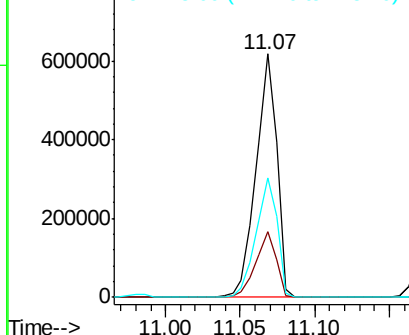


Abundance

Ion 200.00 (199.70 to 200.70): E

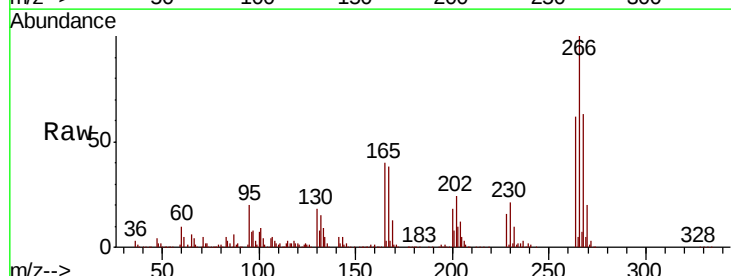
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 73.841 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.6	77.4
264	62.1	50.9	76.3

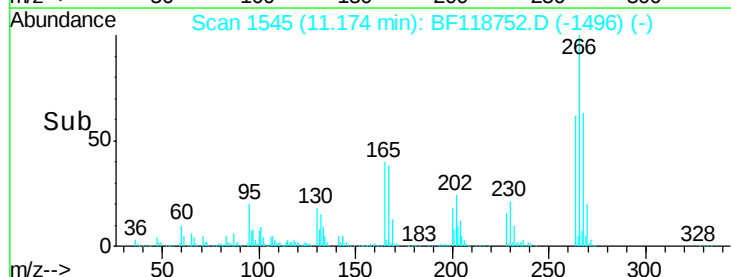
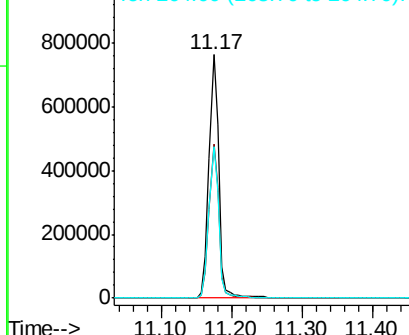


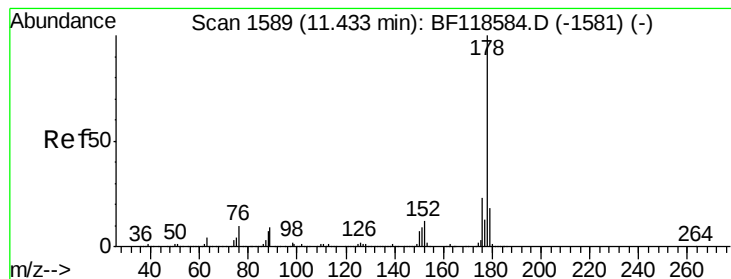
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.410 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

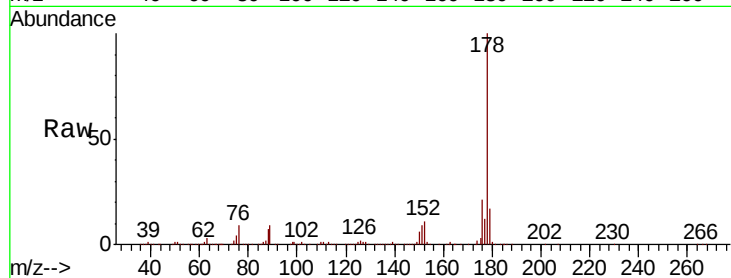
Tot Ion:178 Resp: 2533958

Ion Ratio Lower Upper

178 100

176 20.7 16.5 24.7

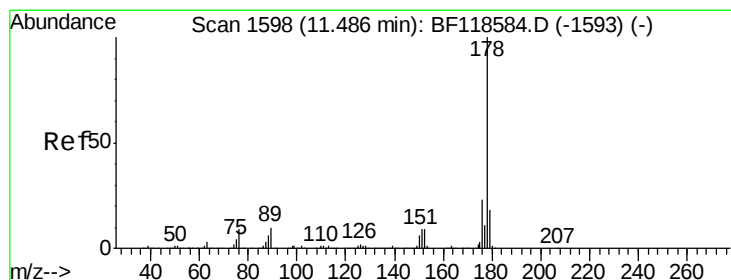
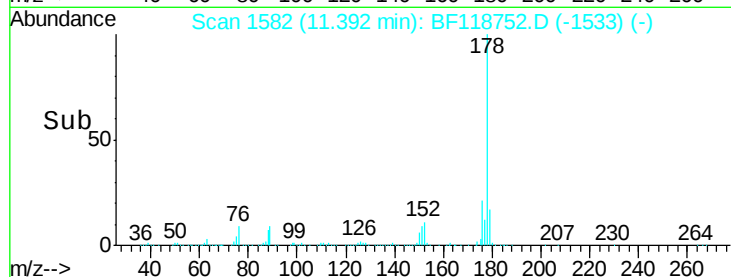
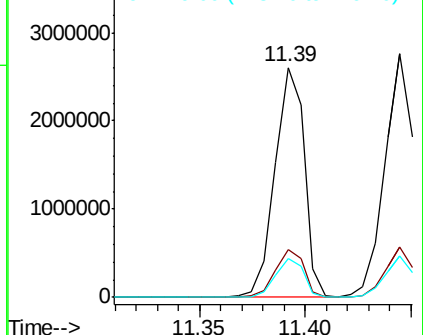
179 17.0 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.787 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

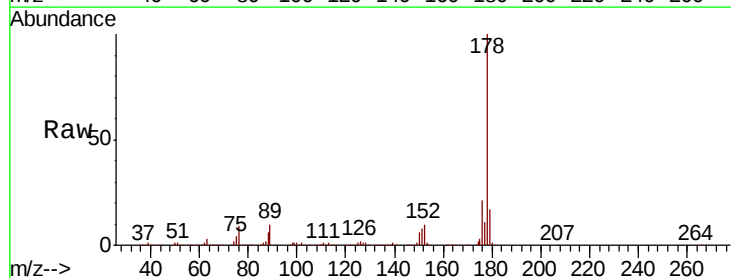
Tgt Ion:178 Resp: 2592717

Ion Ratio Lower Upper

178 100

176 20.6 15.8 23.8

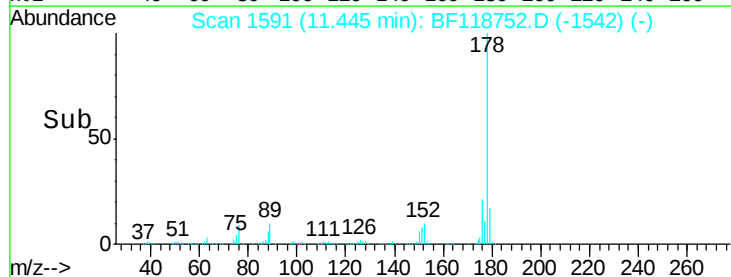
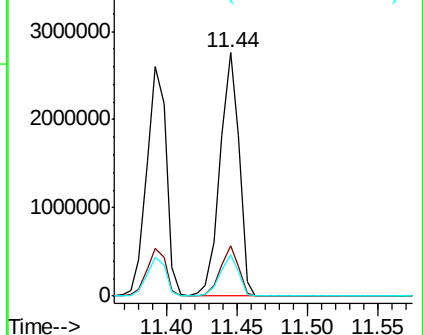
179 17.0 13.3 19.9

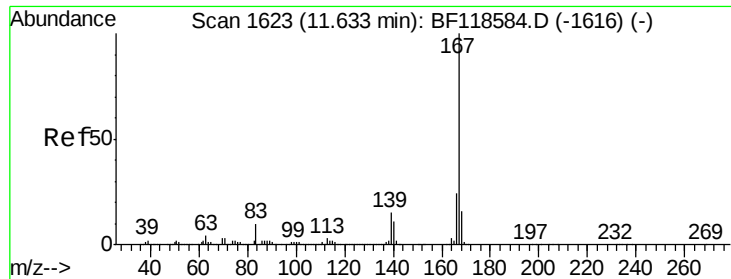


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



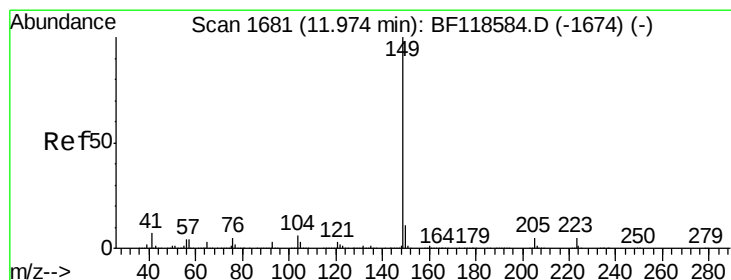
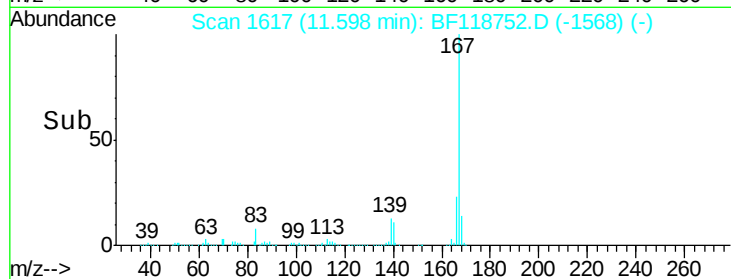
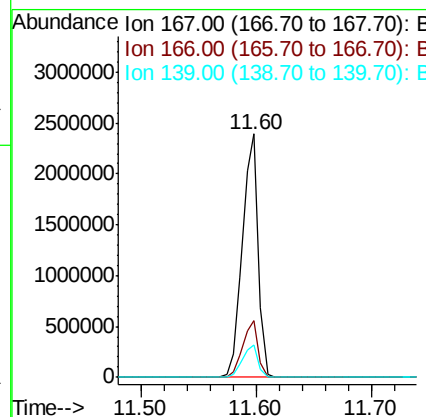
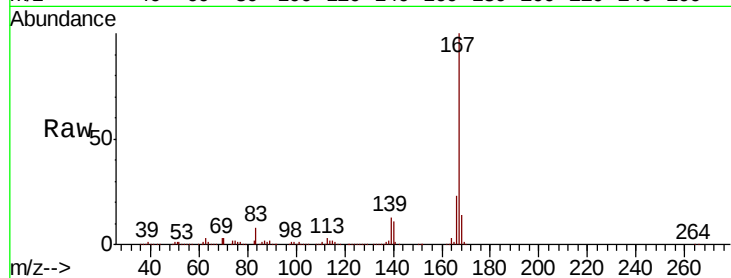


#73
 Carbazole
 Concen: 39.727 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 2260930

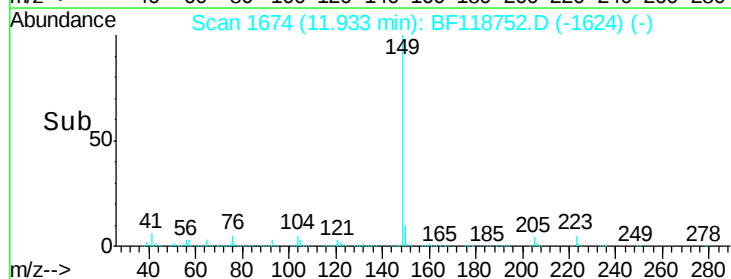
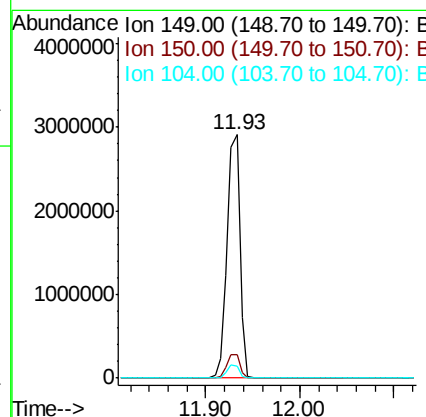
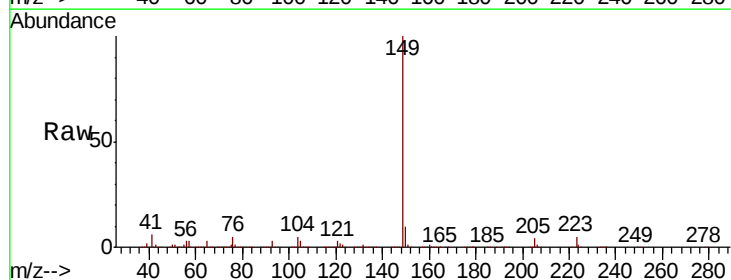
Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.3	27.5
139	13.4	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 44.336 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion:149 Resp: 2803402

Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 41.695 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

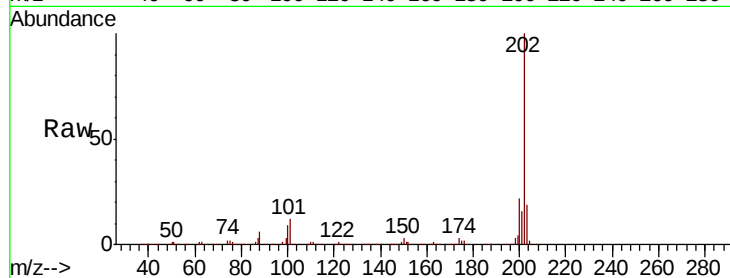
Tot Ion:202 Resp: 2757538

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.1

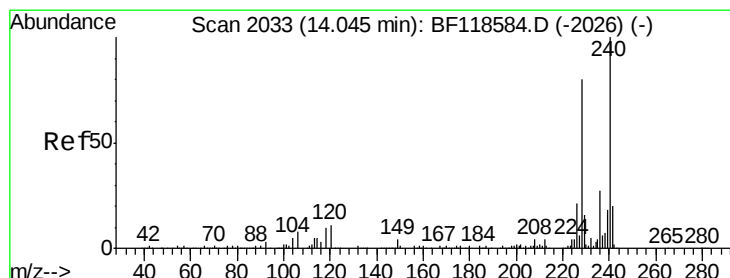
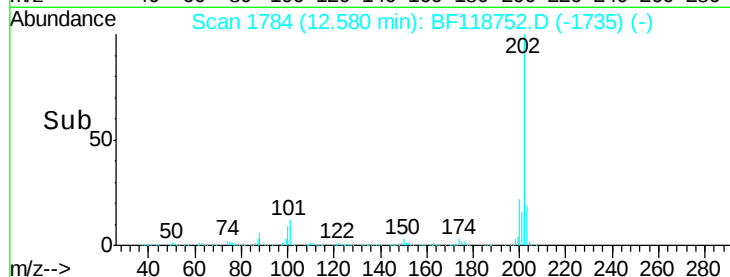
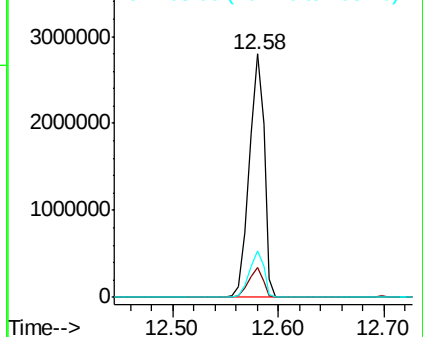
203 19.1 0.0 38.9



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

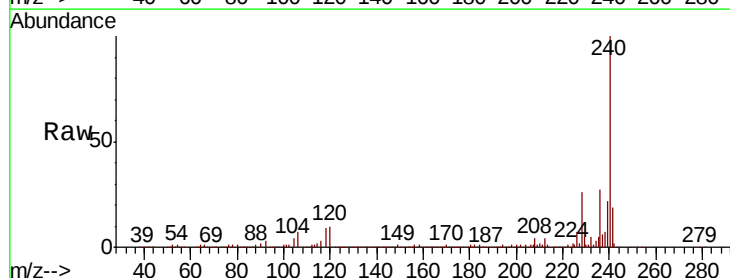
Tgt Ion:240 Resp: 1004580

Ion Ratio Lower Upper

240 100

120 10.1 7.6 11.4

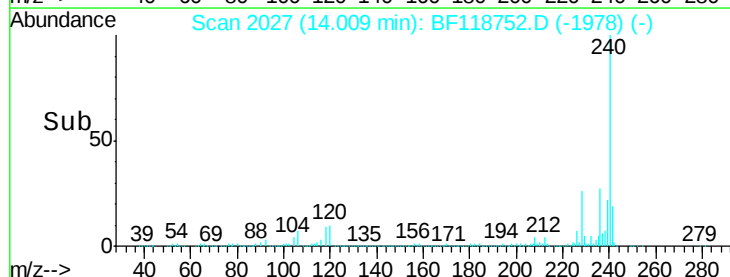
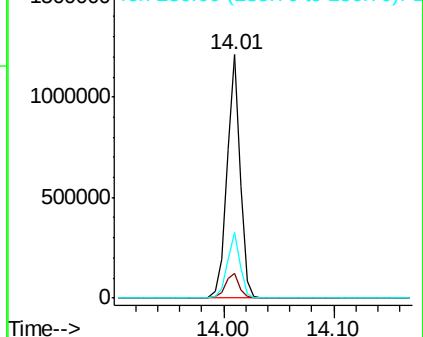
236 26.8 21.0 31.4

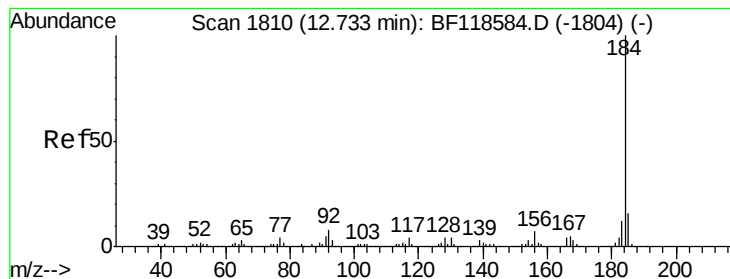


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 59.378 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

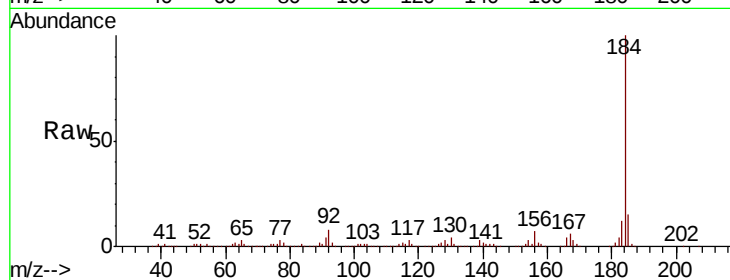
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1593801

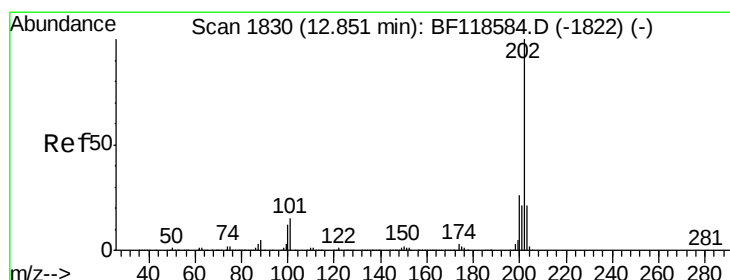
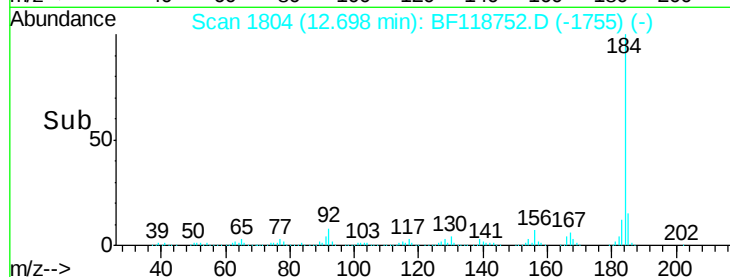
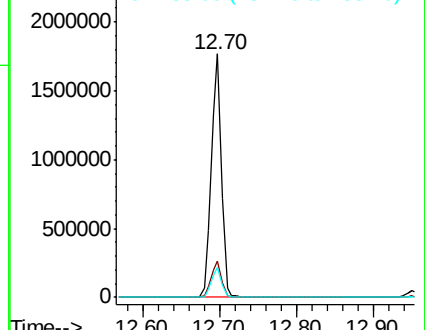
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	12.5	9.7	14.5



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: 41.209 ng

RT: 12.81 min Scan# 1823

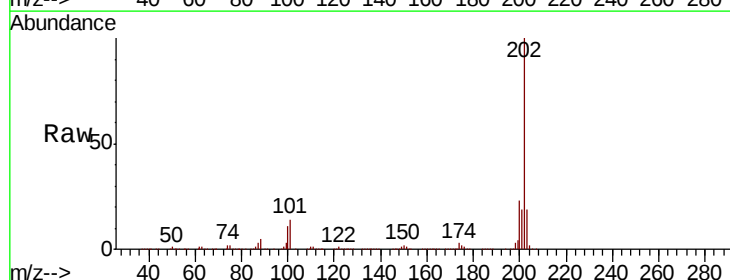
Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:202 Resp: 2810518

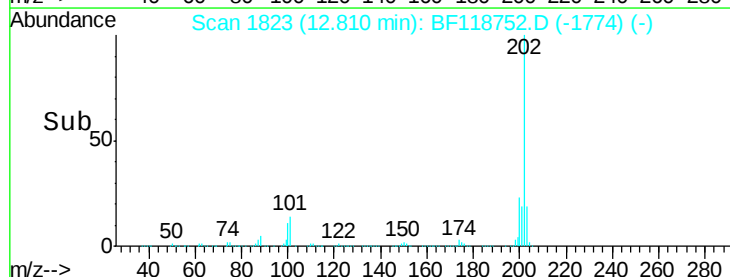
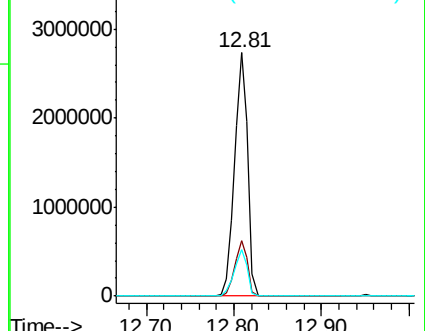
Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.1	27.1
203	19.0	15.2	22.8

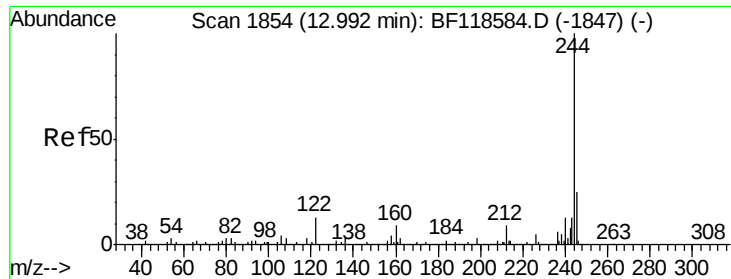


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.449 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

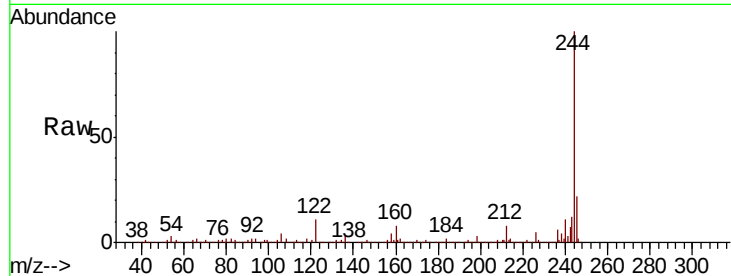
Tot Ion:244 Resp: 3382952

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

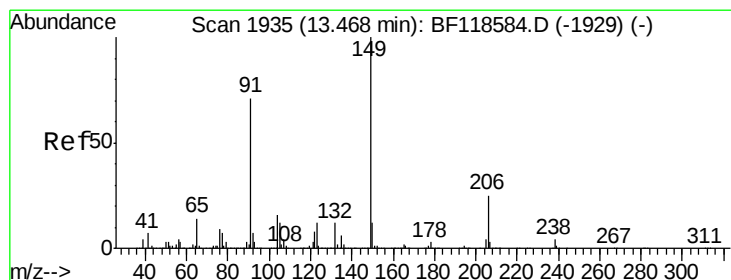
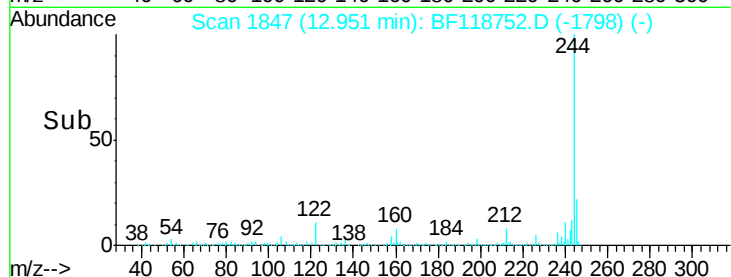
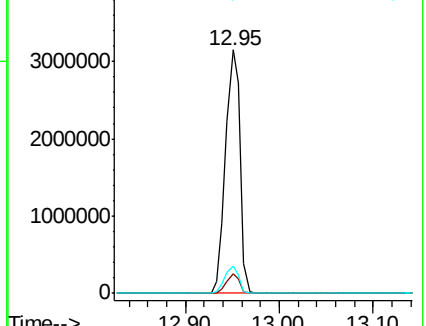
122 11.4 9.2 13.8



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: 44.817 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

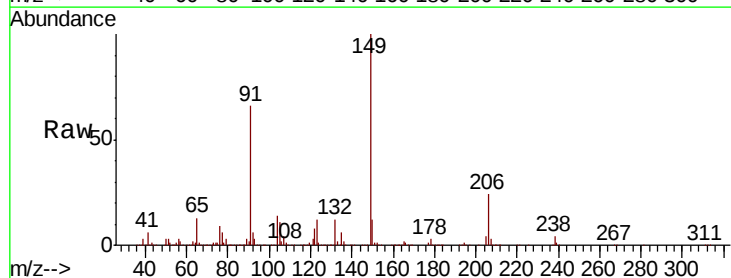
Tgt Ion:149 Resp: 1250946

Ion Ratio Lower Upper

149 100

91 66.3 49.6 74.4

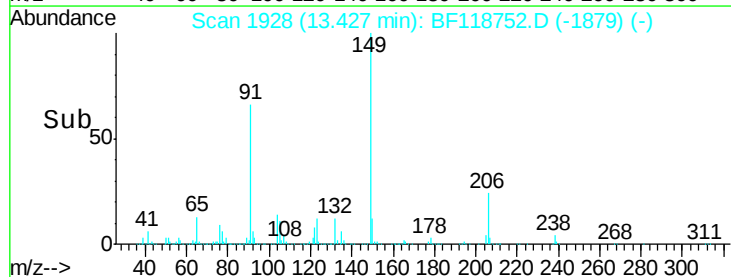
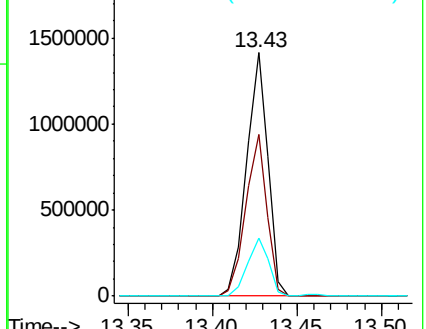
206 23.9 19.9 29.9

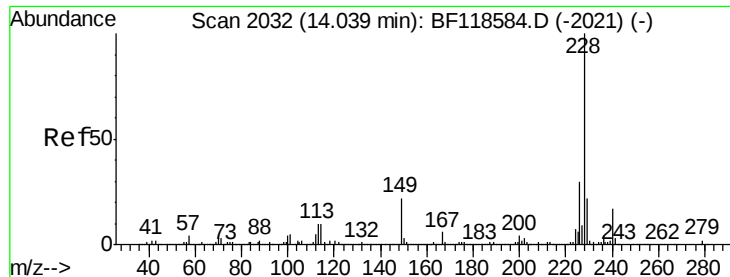


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.372 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampled :

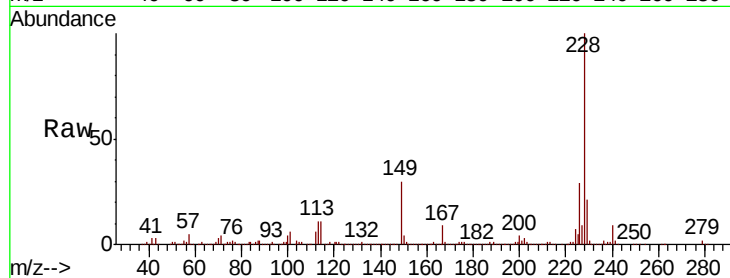
Tot Ion:228 Resp: 2379298

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

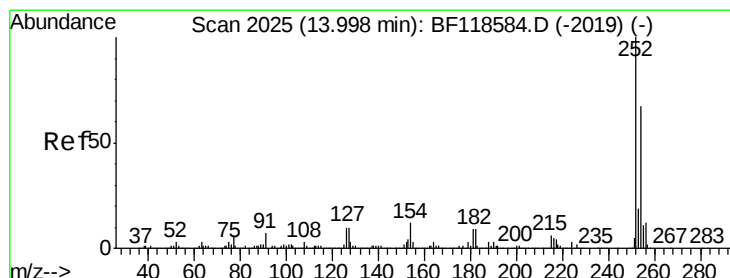
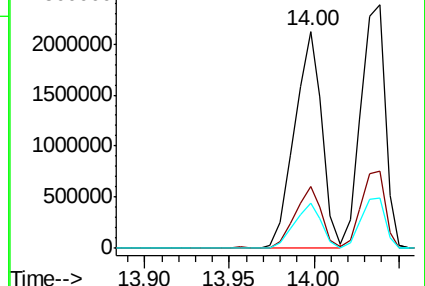
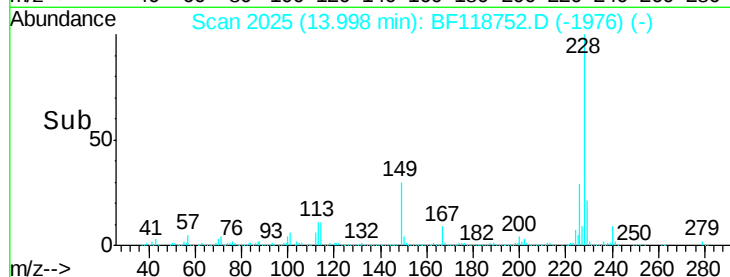
229 21.0 16.6 25.0



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: 27.060 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

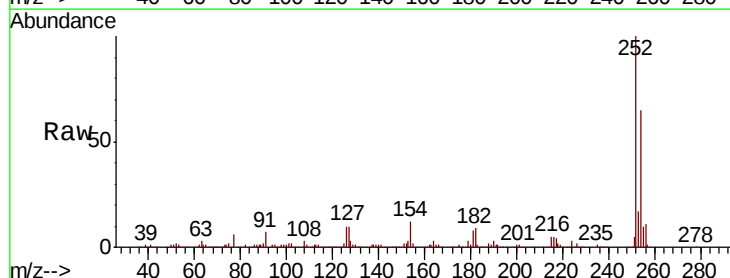
Tgt Ion:252 Resp: 582703

Ion Ratio Lower Upper

252 100

254 65.3 52.6 78.8

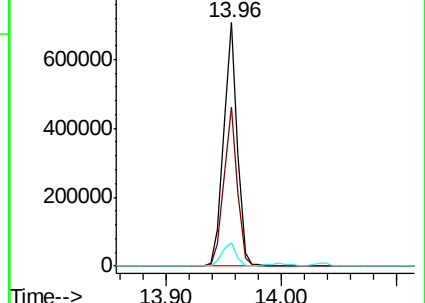
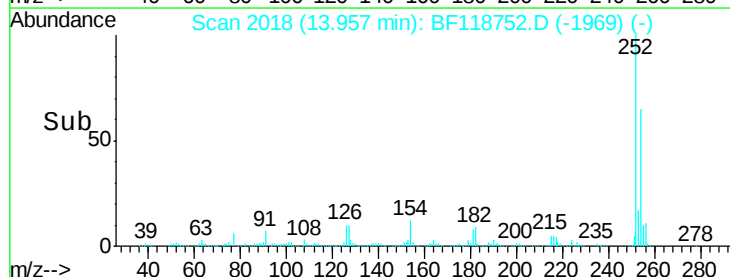
126 9.8 8.1 12.1

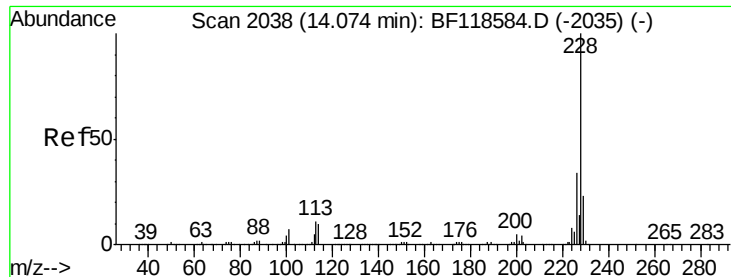


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

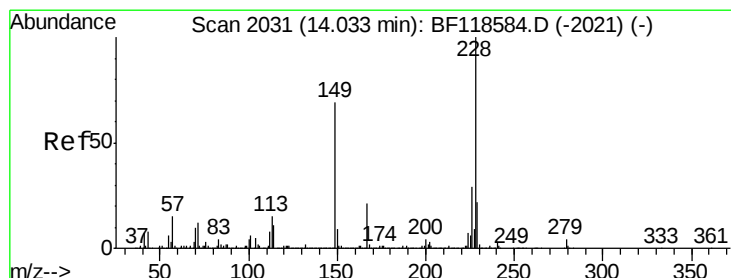
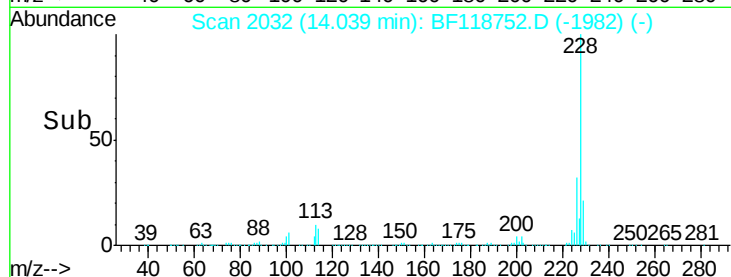
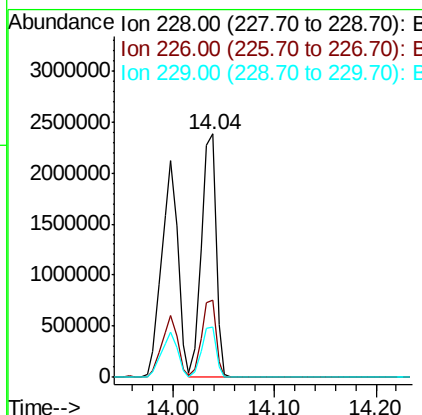
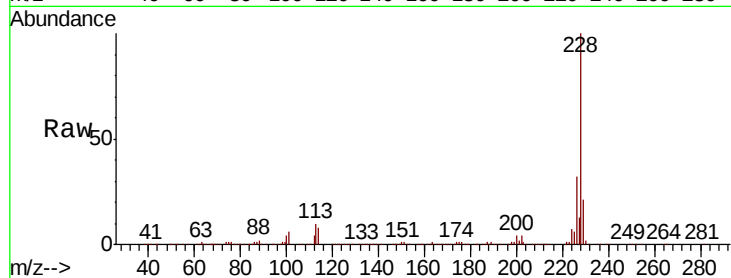




#83
 Chrvsene
 Concen: 41.285 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

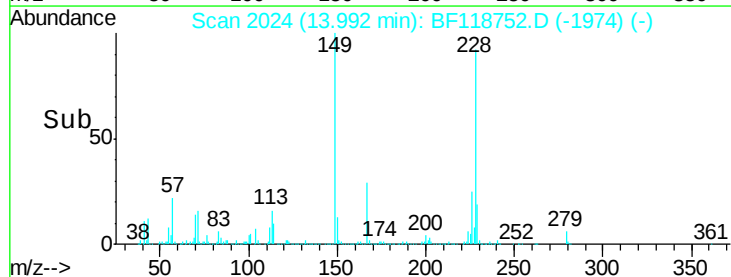
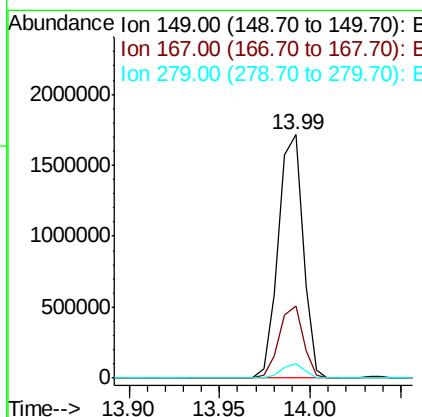
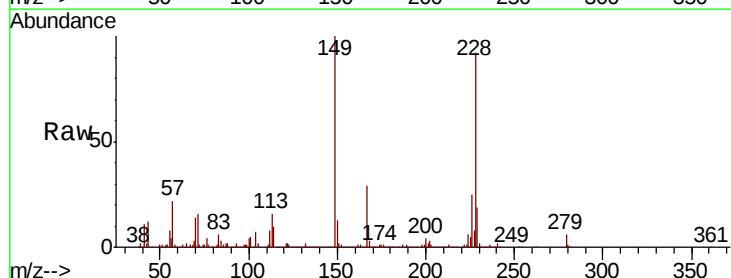
Instrument :
 BNA_F
 ClientSampleId :

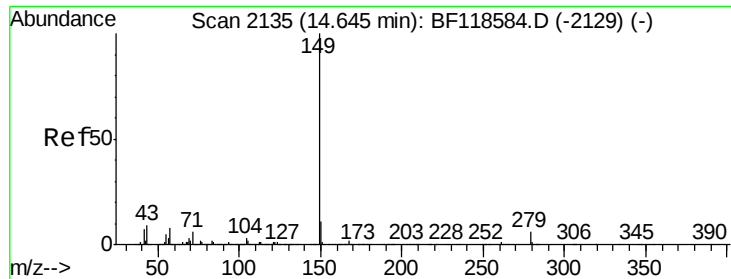
Tot Ion:228 Resp: 2391110
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.6 38.4
 229 20.8 17.1 25.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.222 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF118752.D
 Acq: 30 Jan 2020 15:36

Tgt Ion:149 Resp: 1644444
 Ion Ratio Lower Upper
 149 100
 167 29.4 23.6 35.4
 279 6.1 4.5 6.7





#85

Di-n-octyl phthalate

Concen: 55.742 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Instrument :

BNA_F

ClientSampleId :

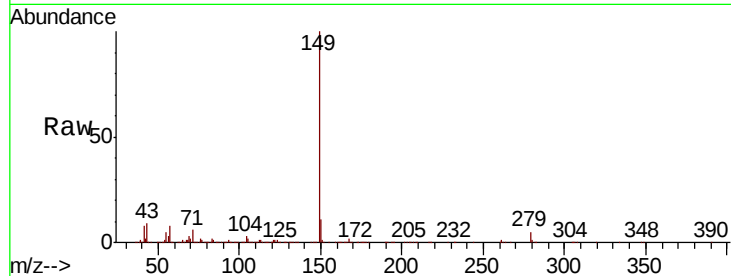
Tot Ion:149 Resp: 2813622

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

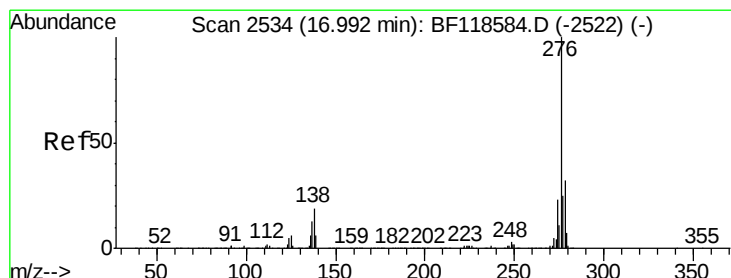
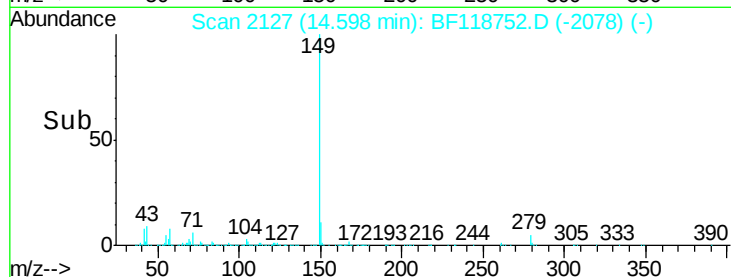
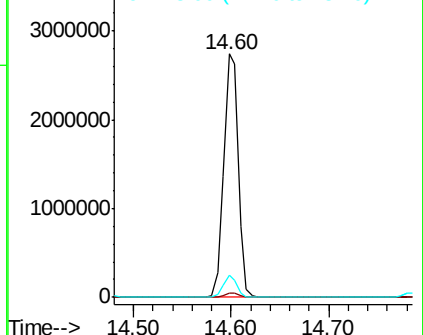
43 8.4 6.6 10.0



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: 44.622 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

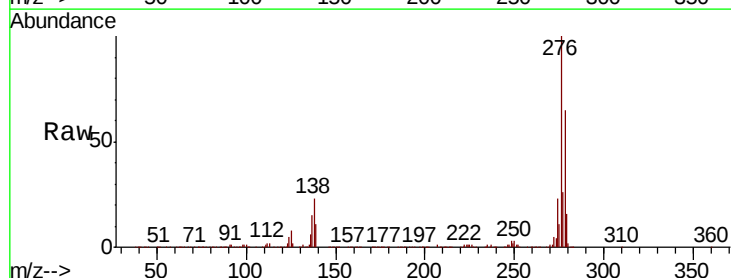
Tgt Ion:276 Resp: 2245539

Ion Ratio Lower Upper

276 100

138 23.2 18.2 27.4

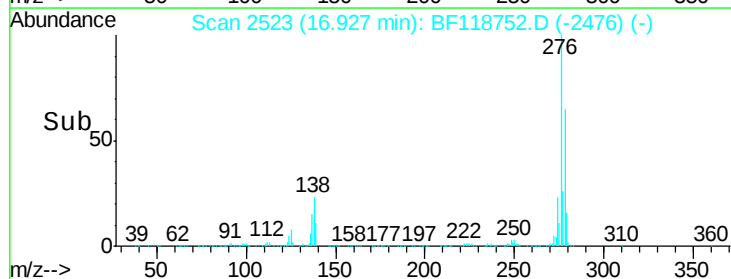
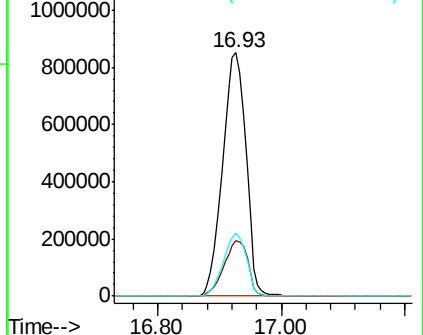
277 25.6 20.4 30.6

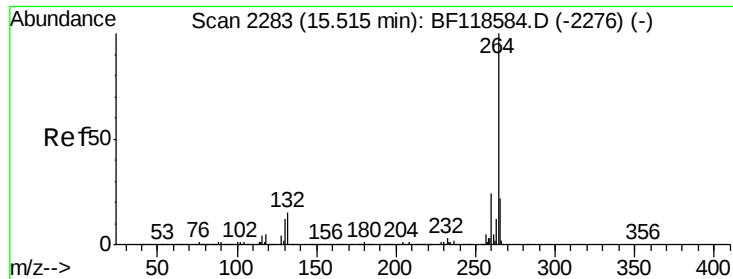


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



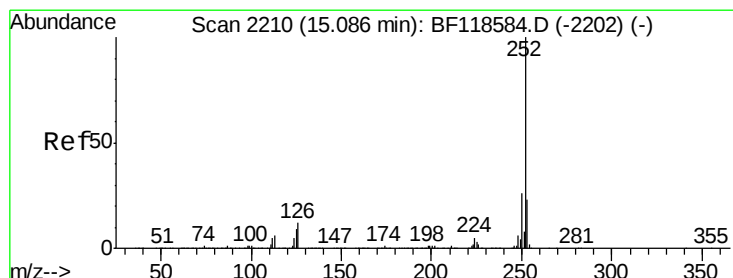
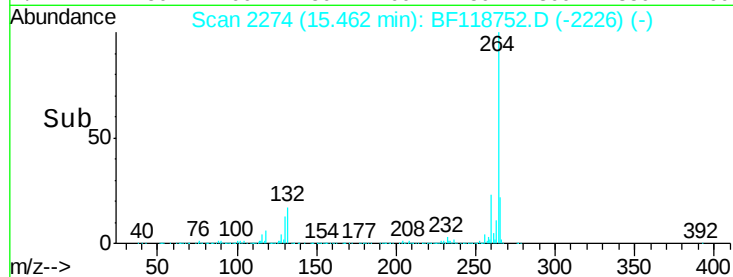
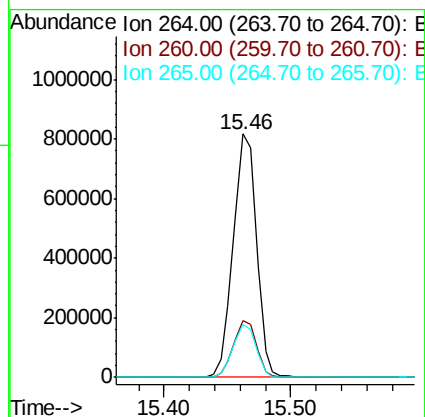
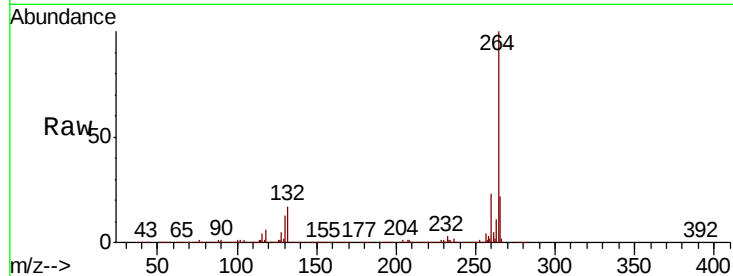


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 1035782

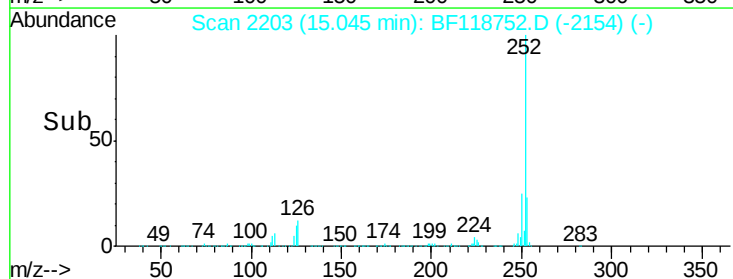
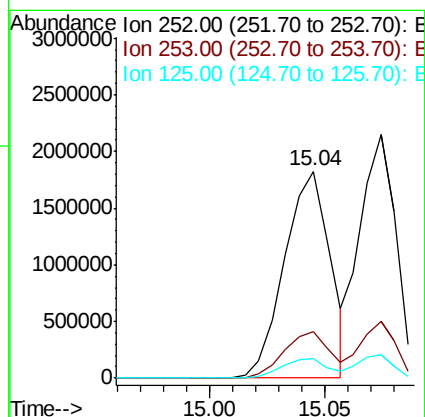
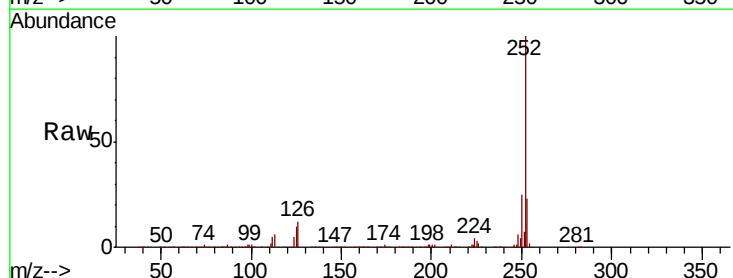
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.5	17.0	25.6



#88
Benzo(b)fluoranthene
Concen: 38.367 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:252 Resp: 2497954

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	9.6	7.7	11.5

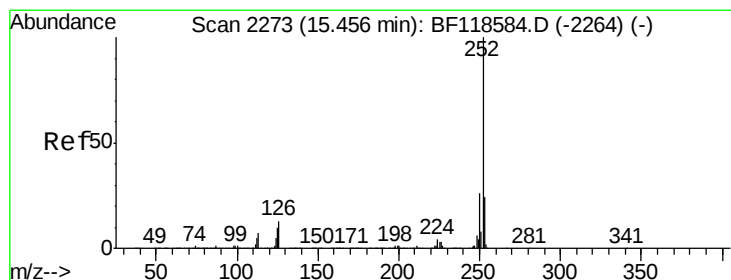
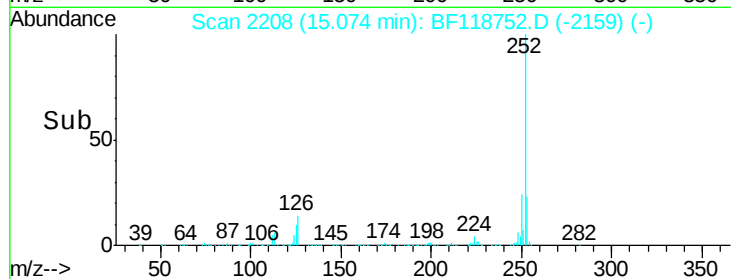
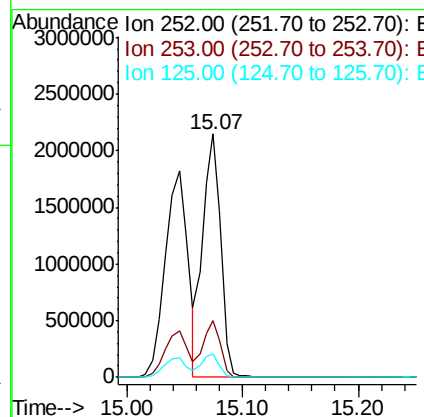
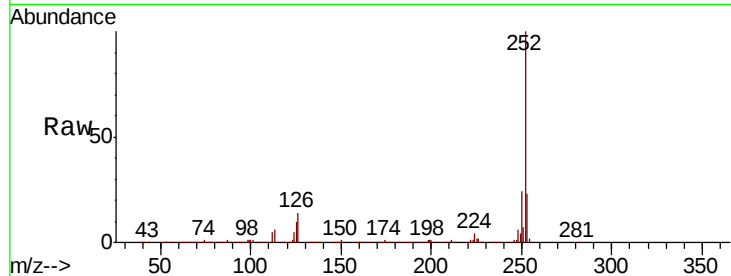




#89
Benzo(k)fluoranthene
Concen: 38.946 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

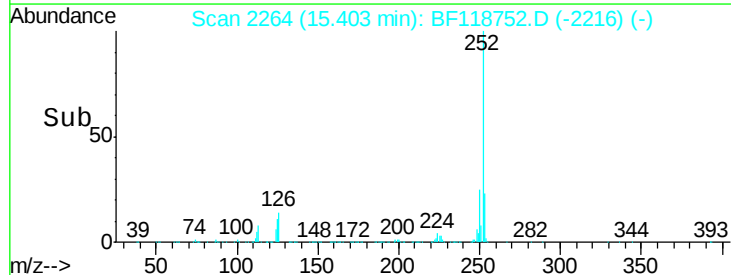
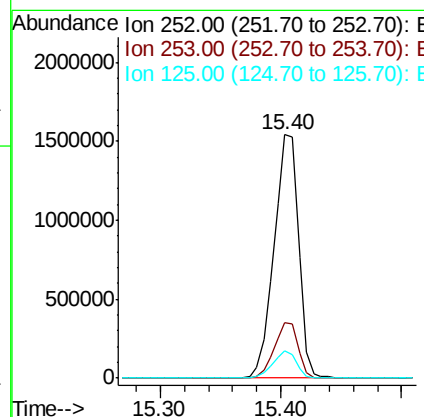
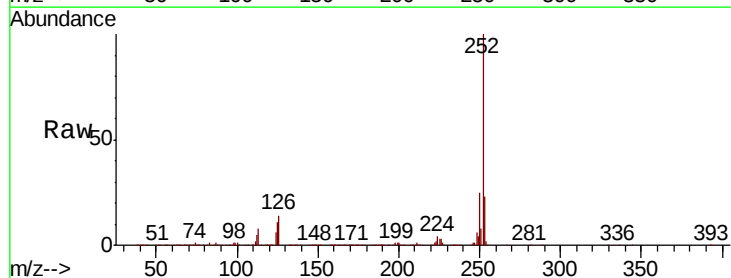
Instrument :
BNA_F
ClientSampled :

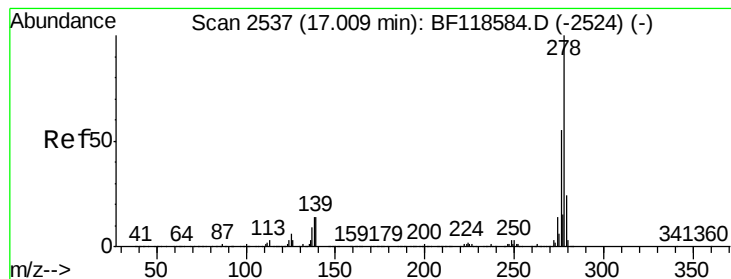
Tot Ion:252 Resp: 2349160
Ion Ratio Lower Upper
252 100
253 23.2 18.4 27.6
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 38.284 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF118752.D
Acq: 30 Jan 2020 15:36

Tgt Ion:252 Resp: 2150126
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 38.087 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.03 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

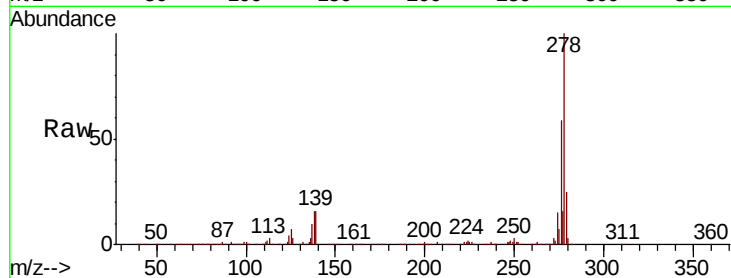
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 1892143

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.8	17.6
279	24.5	19.1	28.7

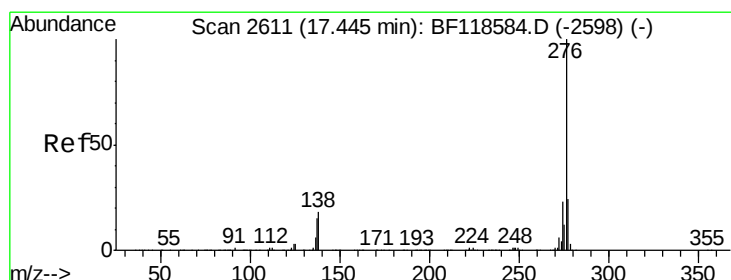
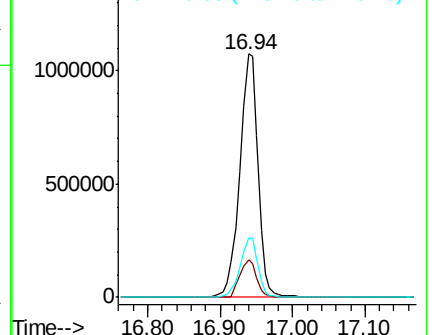
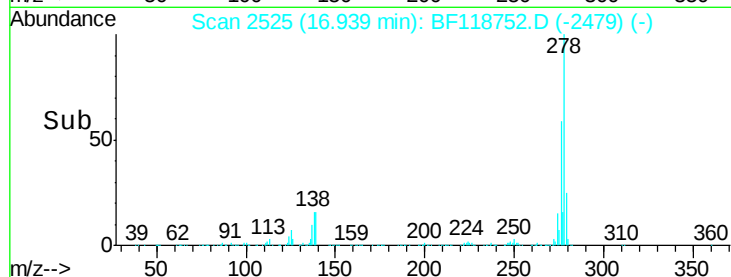


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.421 ng

RT: 17.36 min Scan# 2597

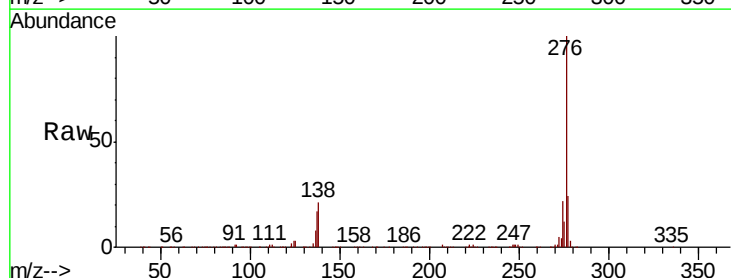
Delta R.T. -0.03 min

Lab File: BF118752.D

Acq: 30 Jan 2020 15:36

Tgt Ion:276 Resp: 1805041

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.6
138	20.5	15.4	23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

