

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119198.D
 Acq On : 4 Mar 2020 16:53
 Operator : CG/JU
 Sample : L1739-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:47:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	130511	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	504060	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	273490	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	438719	20.00	ng	0.00
76) Chrysene-d12	13.90	240	232521	20.00	ng	0.00
87) Perylene-d12	15.33	264	266291	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	886695	113.54	ng	0.02
7) Phenol-d6	6.41	99	1064323	112.06	ng	0.00
23) Nitrobenzene-d5	7.31	82	732187	76.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	356618	99.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1450823	78.15	ng	0.00
79) Terphenyl-d14	12.84	244	1316435	97.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	127013	36.529	ng	96
3) Pyridine	3.24	79	321630	33.870	ng	100
4) n-Nitrosodimethylamine	3.18	42	135205	47.002	ng	94
6) Aniline	6.41	93	300647	25.654	ng	# 72
8) 2-Chlorophenol	6.54	128	418729	49.683	ng	100
9) Benzaldehyde	6.29	77	320831	50.559	ng	100
10) Phenol	6.42	94	482360	46.973	ng	81
11) bis(2-Chloroethyl)ether	6.47	93	377134	47.999	ng	97
12) 1,3-Dichlorobenzene	6.69	146	450772	44.625	ng	99
13) 1,4-Dichlorobenzene	6.76	146	454624	44.975	ng	100
14) 1,2-Dichlorobenzene	6.92	146	423077	45.892	ng	98
15) Benzyl Alcohol	6.90	79	345719	50.364	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	306068	44.969	ng	# 22
17) 2-Methylphenol	7.02	107	329135	48.168	ng	93
18) Hexachloroethane	7.25	117	153514	42.449	ng	99
19) n-Nitroso-di-n-propylamine	7.16	70	285928	51.664	ng	98
20) 3+4-Methylphenols	7.18	107	441014	52.681	ng	# 85
22) Acetophenone	7.16	105	568492	48.745	ng	# 95
24) Nitrobenzene	7.33	77	429200	45.463	ng	97
25) Isophorone	7.57	82	770716	46.486	ng	99
26) 2-Nitrophenol	7.65	139	224839	44.949	ng	98
27) 2,4-Dimethylphenol	7.70	122	353602	52.087	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	472327	43.768	ng	99
29) 2,4-Dichlorophenol	7.90	162	359678	45.005	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	399677	42.180	ng	99
31) Naphthalene	8.05	128	1181521	45.197	ng	99
32) Benzoic acid	7.87	122	225303	45.834	ng	98
33) 4-Chloroaniline	8.10	127	159722	14.206	ng	96
34) Hexachlorobutadiene	8.16	225	248539	42.109	ng	98
35) Caprolactam	8.49	113	73978	30.062	ng	98
36) 4-Chloro-3-methylphenol	8.61	107	376588	46.560	ng	100
37) 2-Methylnaphthalene	8.74	142	810312	46.060	ng	98
38) 1-Methylnaphthalene	8.84	142	751621	45.429	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	399691	43.346	ng	100

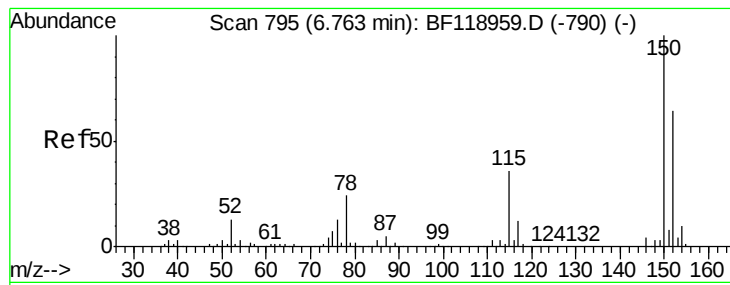
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119198.D
 Acq On : 4 Mar 2020 16:53
 Operator : CG/JU
 Sample : L1739-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 05 05:47:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	93367	33.945	ng	100
43) 2,4,6-Trichlorophenol	9.03	196	260032	44.656	ng	97
44) 2,4,5-Trichlorophenol	9.08	196	259865	42.528	ng	98
46) 1,1'-Biphenyl	9.20	154	964800	43.649	ng	99
47) 2-Chloronaphthalene	9.23	162	776497	43.594	ng	99
48) 2-Nitroaniline	9.33	65	218818	44.044	ng	97
49) Acenaphthylene	9.65	152	1153670	44.844	ng	99
50) Dimethylphthalate	9.50	163	1046374	50.034	ng	100
51) 2,6-Dinitrotoluene	9.57	165	207006	44.553	ng	95
52) Acenaphthene	9.82	154	682473	43.995	ng	100
53) 3-Nitroaniline	9.75	138	98217	19.068	ng	99
54) 2,4-Dinitrophenol	9.87	184	72021	36.388	ng	93
55) Dibenzofuran	9.99	168	1003195	43.328	ng	100
56) 4-Nitrophenol	9.94	139	183901	59.422	ng	95
57) 2,4-Dinitrotoluene	9.99	165	252957	42.002	ng	95
58) Fluorene	10.33	166	804693	44.726	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.12	232	210958	40.916	ng	99
60) Diethylphthalate	10.20	149	910017	46.174	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	428632	45.009	ng	99
62) 4-Nitroaniline	10.36	138	144515	27.422	ng	97
63) Azobenzene	10.48	77	773364	45.145	ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	70918	26.714	ng	98
66) n-Nitrosodiphenylamine	10.44	169	728766	50.731	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	267137	46.583	ng	96
68) Hexachlorobenzene	10.89	284	291014	44.015	ng	96
69) Atrazine	10.97	200	234601	46.742	ng	100
70) Pentachlorophenol	11.09	266	210953	79.206	ng	99
71) Phenanthrene	11.29	178	1063184	44.437	ng	99
72) Anthracene	11.34	178	1114357	46.615	ng	98
73) Carbazole	11.50	167	910644	42.759	ng	99
74) Di-n-butylphthalate	11.82	149	1302689	50.510	ng	98
75) Fluoranthene	12.47	202	957010	37.683	ng	98
77) Benzidine	12.60	184	558450	59.055	ng	98
78) Pyrene	12.70	202	917110	49.119	ng	99
80) Butylbenzylphthalate	13.32	149	418804	53.295	ng	99
81) Benzo(a)anthracene	13.89	228	746319	47.107	ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	259300	42.149	ng	98
83) Chrysene	13.93	228	707079	44.790	ng	97
84) Bis(2-ethylhexyl)phthalate	13.87	149	569271	57.342	ng	99
85) Di-n-octyl phthalate	14.48	149	862312	54.515	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	795830	52.064	ng	99
88) Benzo(b)fluoranthene	14.93	252	765370	43.605	ng	99
89) Benzo(k)fluoranthene	14.96	252	716683	44.060	ng	99
90) Benzo(a)pyrene	15.27	252	691269	43.637	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	679290	48.734	ng	99
92) Benzo(g,h,i)perylene	17.17	276	620593	45.061	ng	99

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

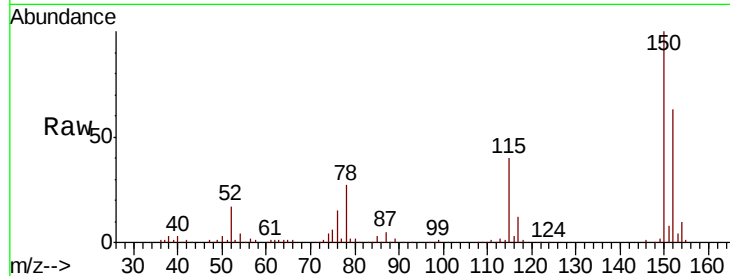


#1

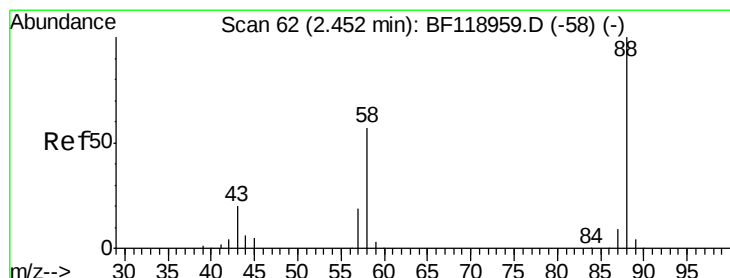
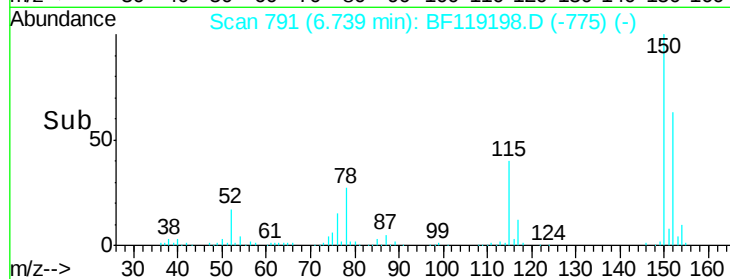
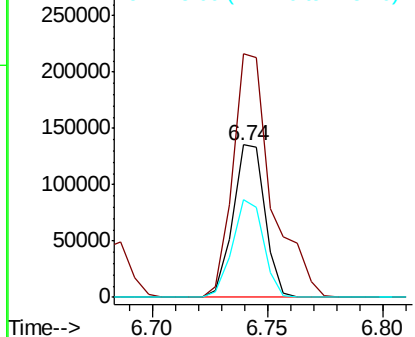
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	123.0	184.6
115	64.0	49.5	74.3



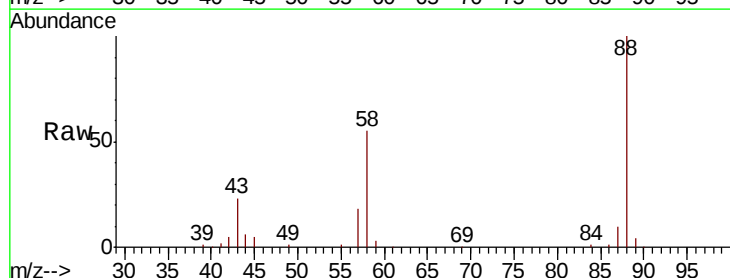
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



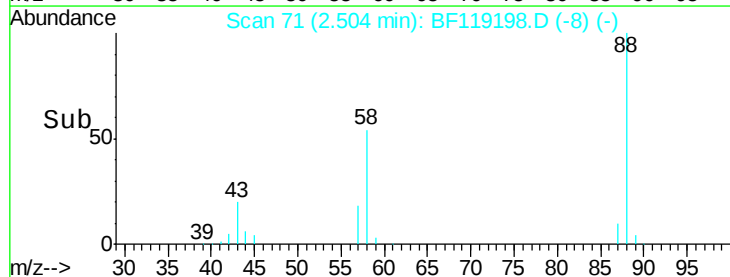
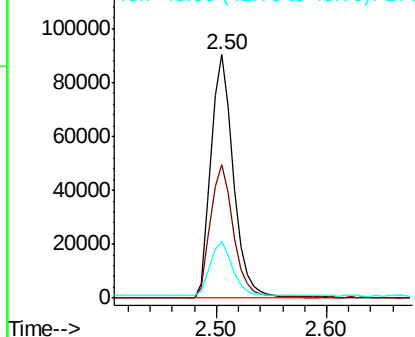
#2

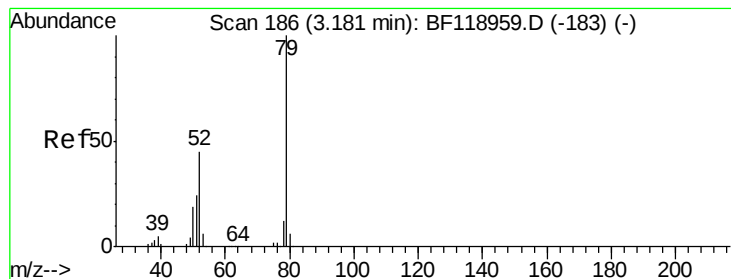
1,4-Dioxane
Concen: 36.529 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.07 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	43.8	65.6
43	23.0	16.2	24.4



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: 33.870 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.08 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

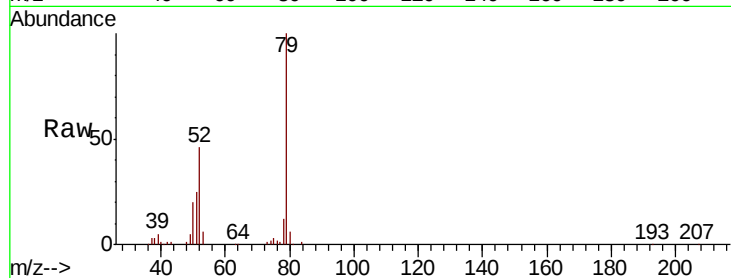
Tot Ion: 79 Resp: 321630

Ion Ratio Lower Upper

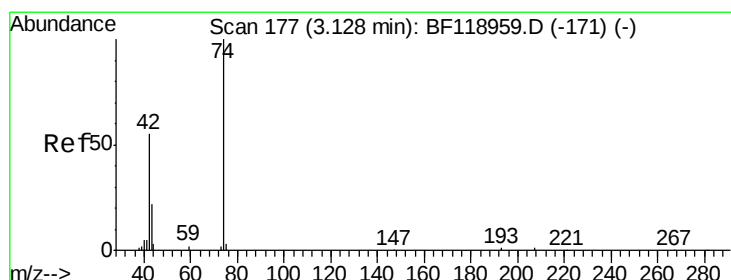
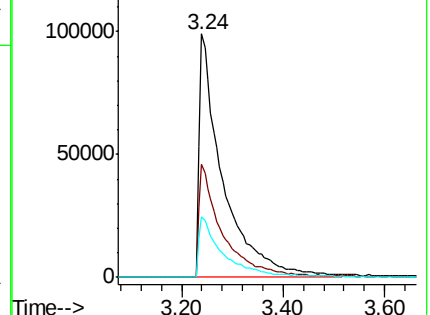
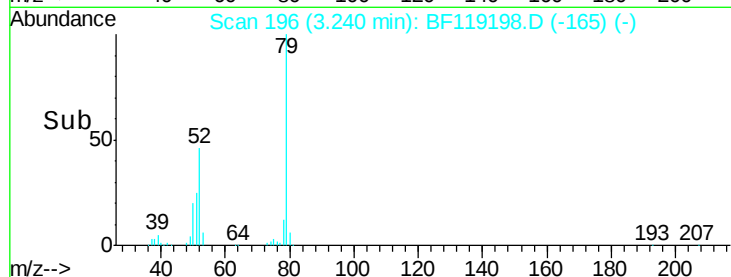
79 100

52 46.4 37.4 56.0

51 24.9 19.8 29.6



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: 47.002 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

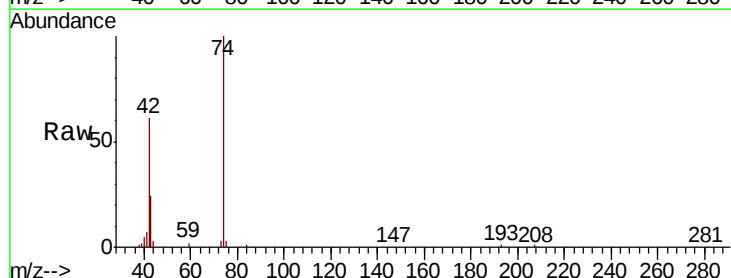
Tgt Ion: 42 Resp: 135205

Ion Ratio Lower Upper

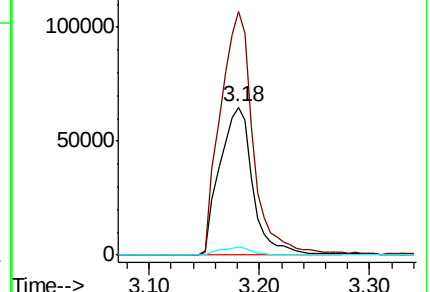
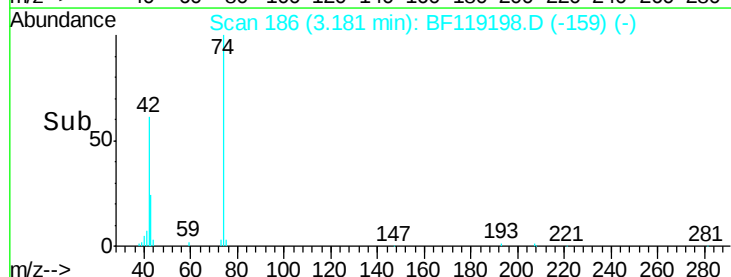
42 100

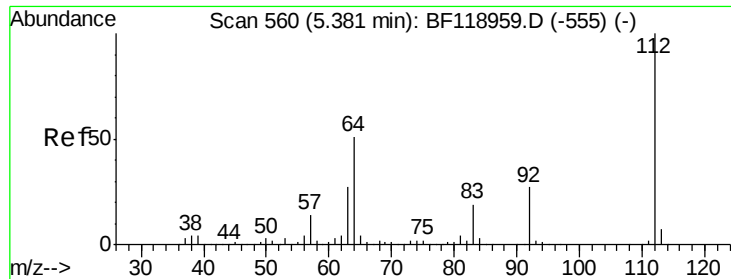
74 164.3 137.7 206.5

44 5.1 4.5 6.7



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: 113.540 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

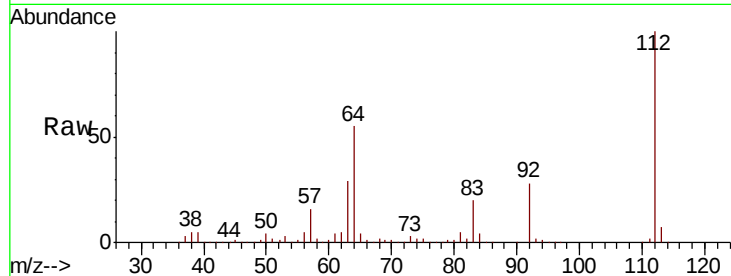
Tot Ion:112 Resp: 886695

Ion Ratio Lower Upper

112 100

64 54.8 45.0 67.4

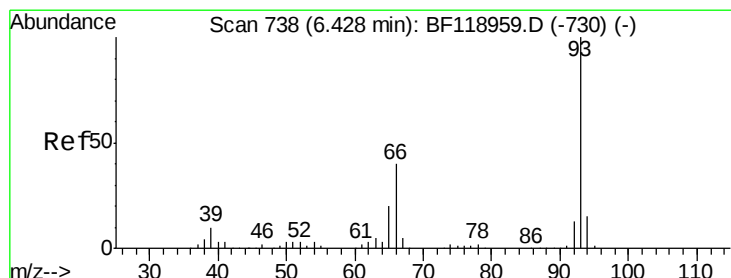
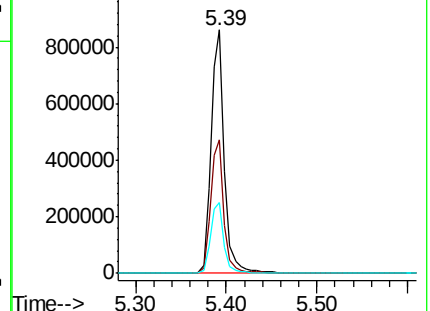
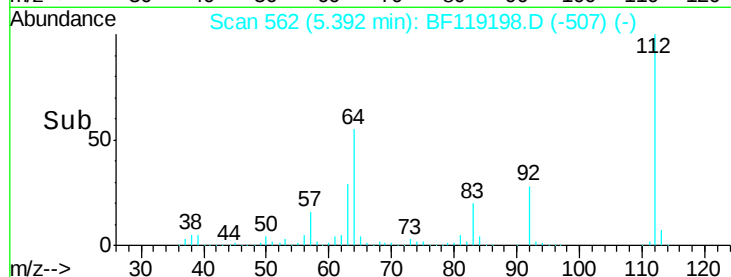
63 28.9 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.654 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

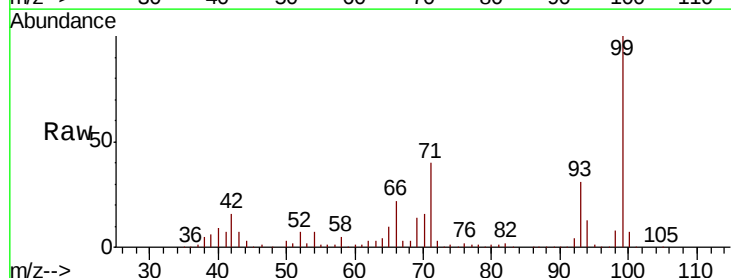
Tgt Ion: 93 Resp: 300647

Ion Ratio Lower Upper

93 100

66 69.3 74.5 111.7#

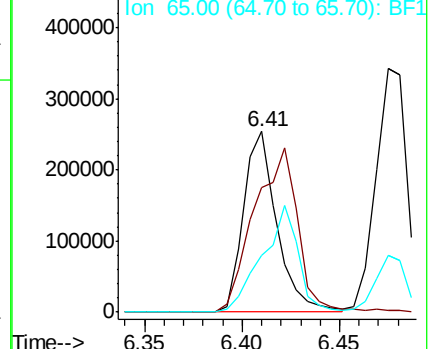
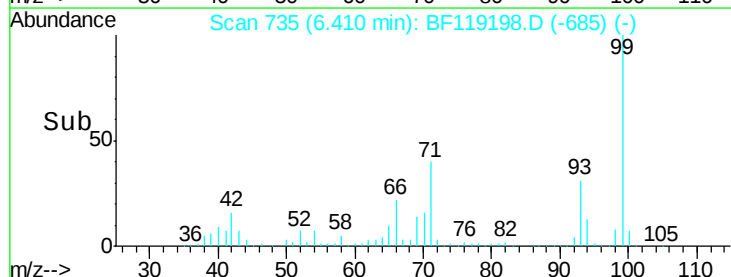
65 31.5 45.3 67.9#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.060 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

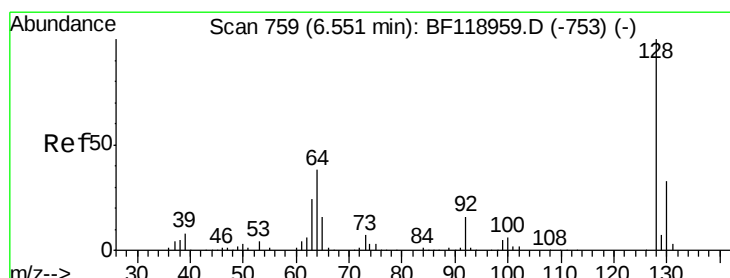
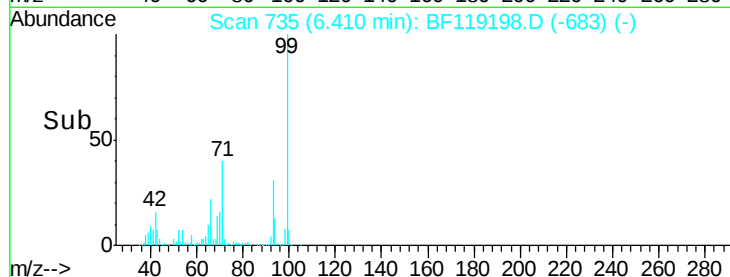
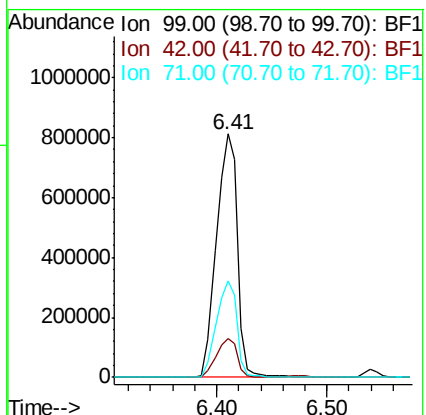
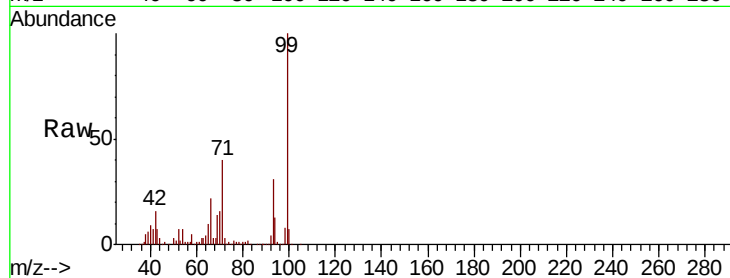
Tot Ion: 99 Resp: 1064323

Ion Ratio Lower Upper

99 100

42 16.1 12.6 18.8

71 39.5 31.0 46.4



#8

2-Chlorophenol

Concen: 49.683 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

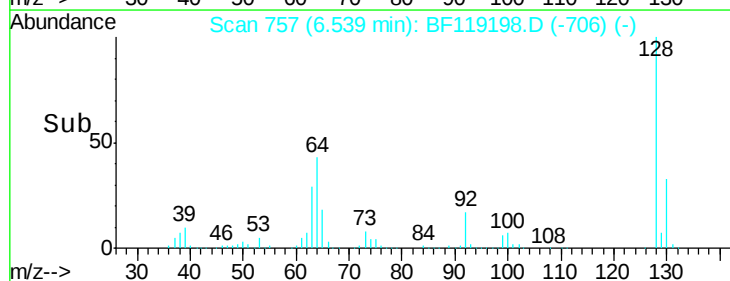
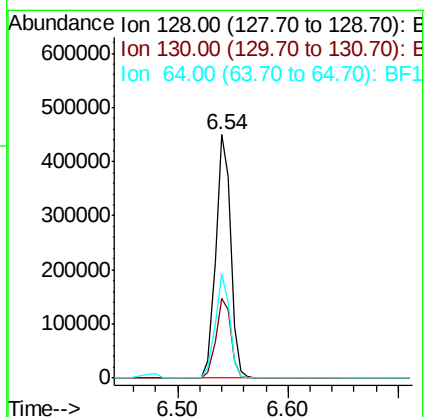
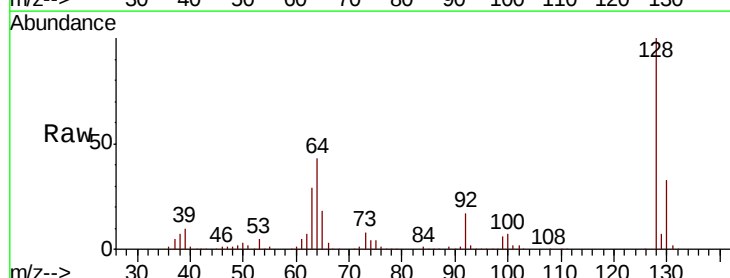
Tgt Ion: 128 Resp: 418729

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 42.7 22.3 62.3





#9

Benzaldehyde

Concen: 50.559 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

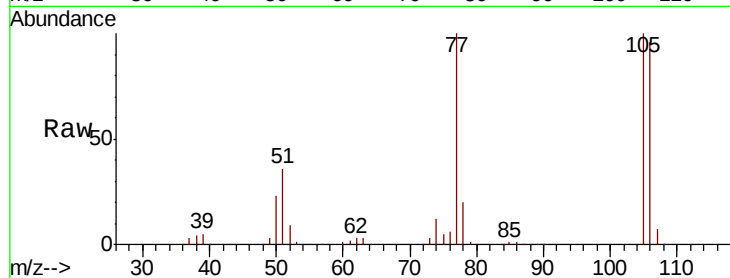
Tot Ion: 77 Resp: 320831

Ion Ratio Lower Upper

77 100

105 100.0 80.1 120.1

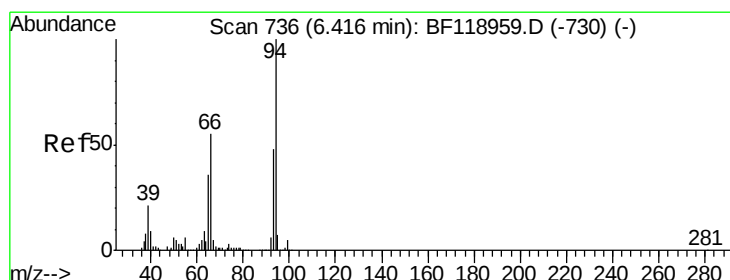
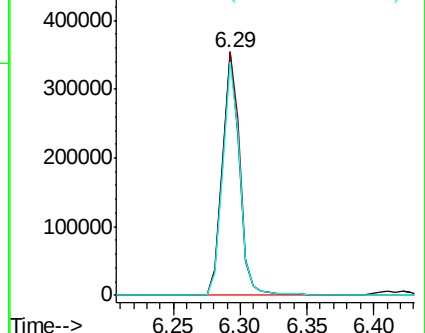
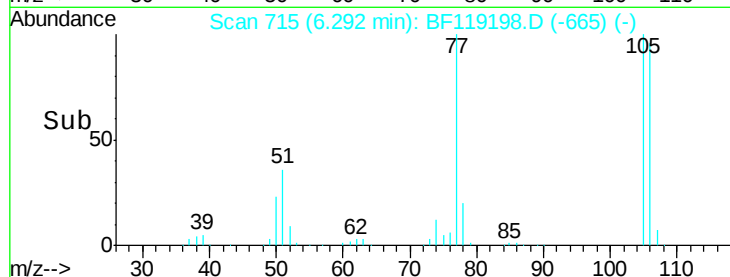
106 95.6 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.973 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

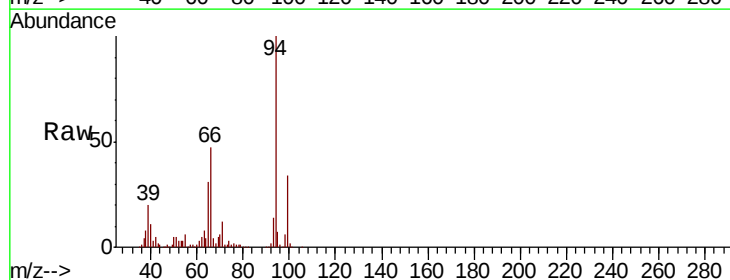
Tgt Ion: 94 Resp: 482360

Ion Ratio Lower Upper

94 100

65 30.6 19.2 59.2

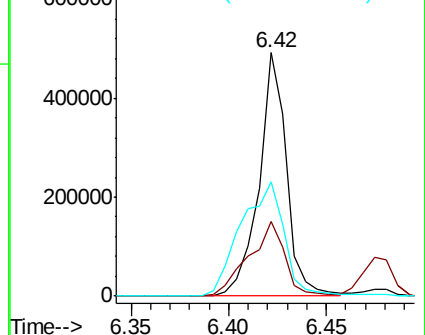
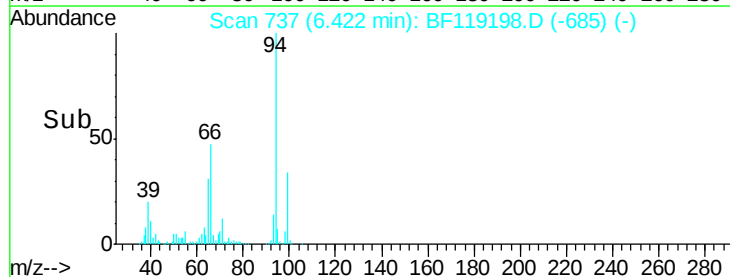
66 47.0 44.4 84.4

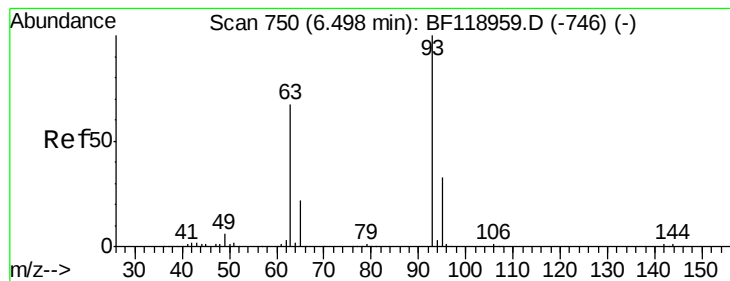


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

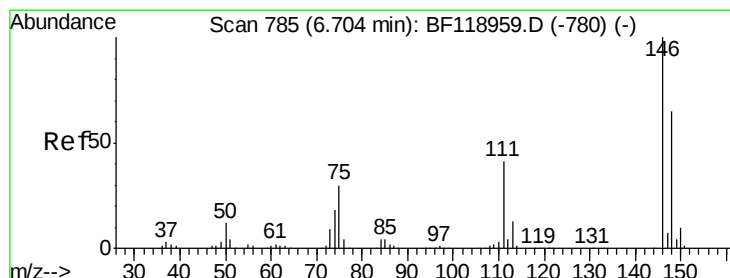
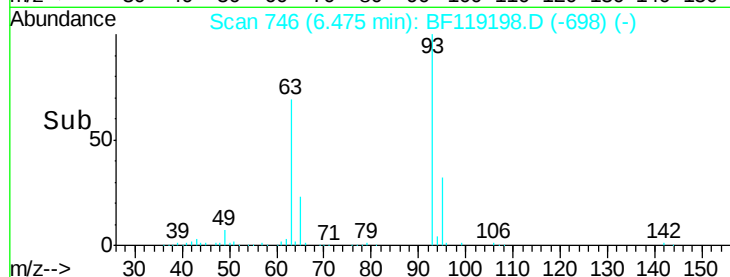
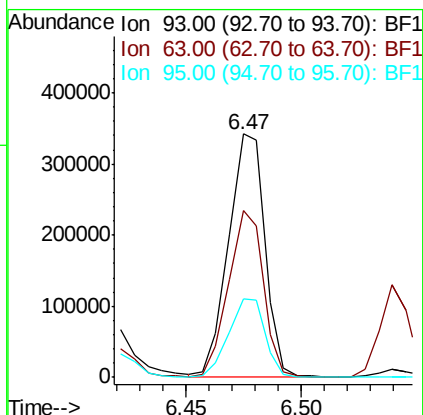
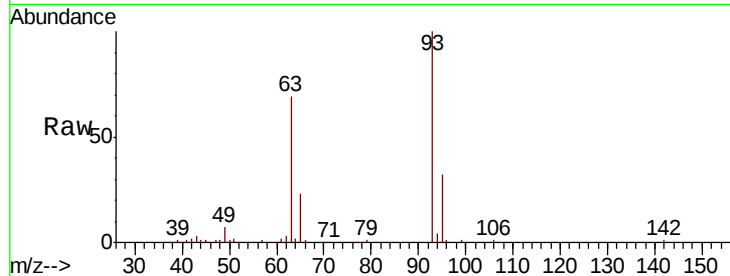




#11
bis(2-Chloroethyl)ether
Concen: 47.999 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

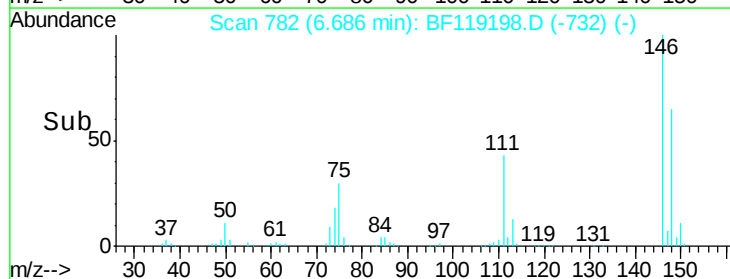
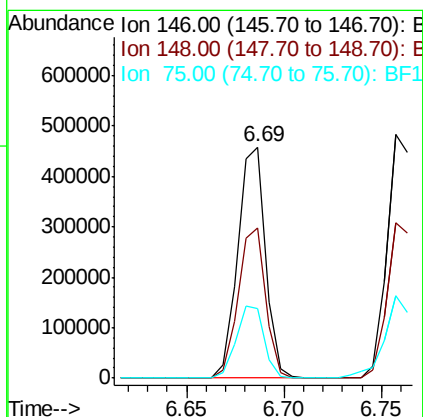
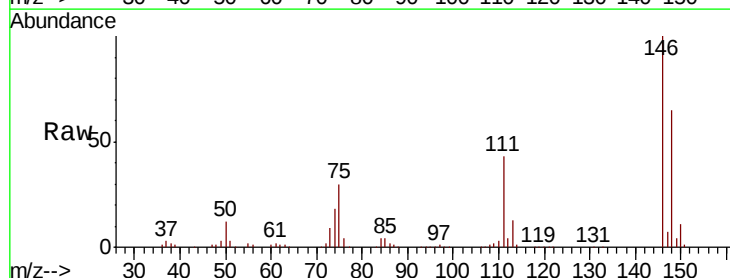
Instrument :
BNA_F
ClientSampleId :

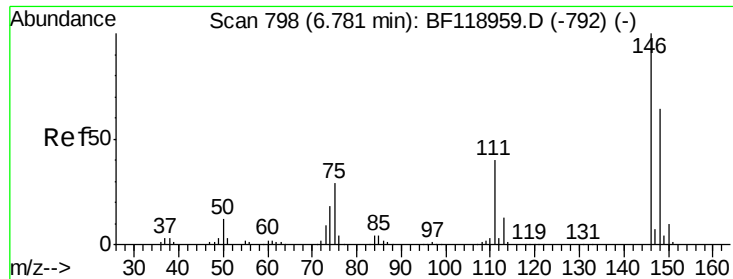
Tot Ion: 93 Resp: 377134
Ion Ratio Lower Upper
93 100
63 68.5 45.4 85.4
95 32.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 44.625 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion: 146 Resp: 450772
Ion Ratio Lower Upper
146 100
148 64.9 52.5 78.7
75 29.9 23.6 35.4

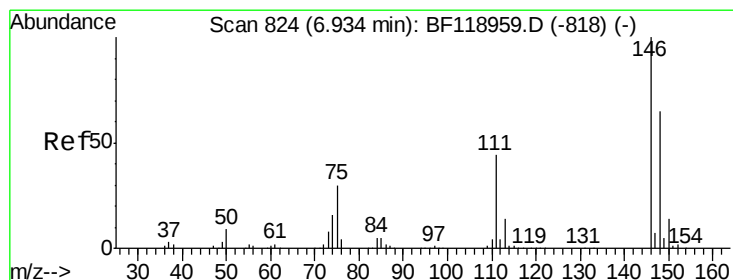
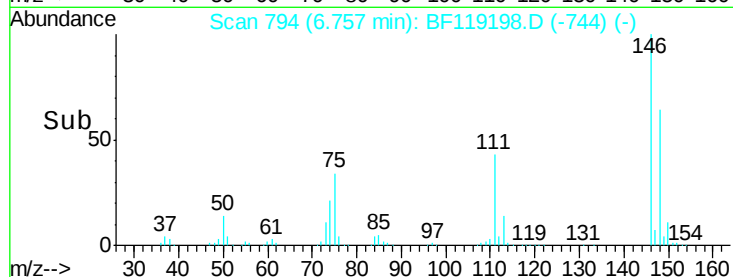
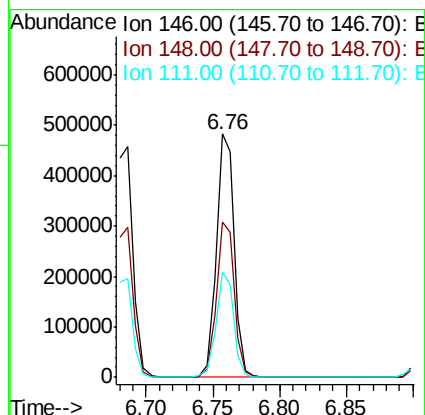
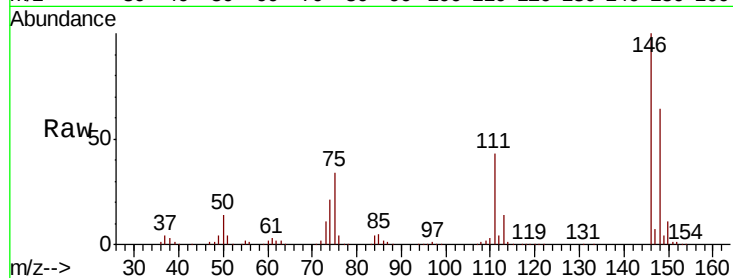




#13
 1,4-Dichlorobenzene
 Concen: 44.975 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

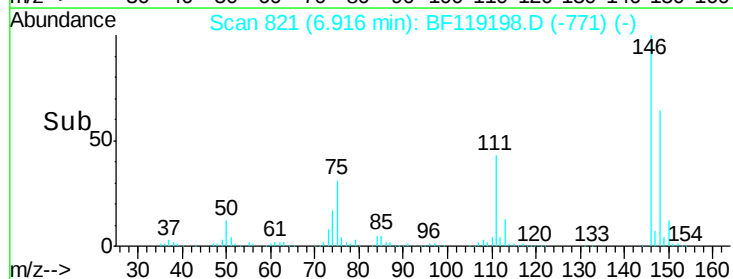
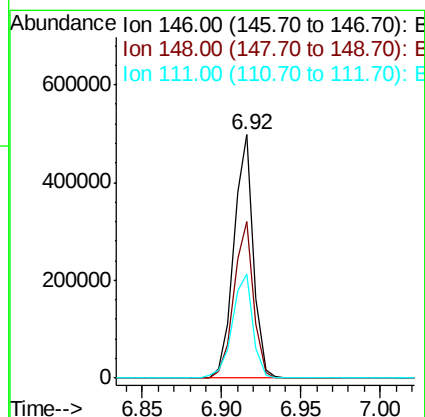
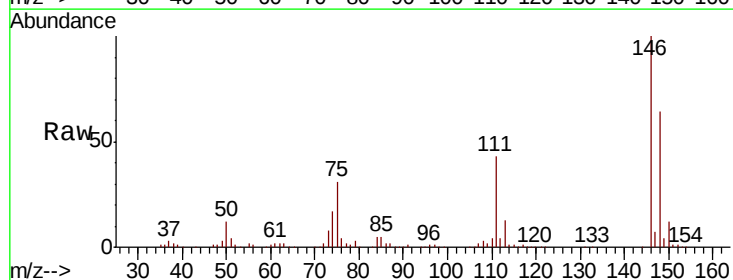
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 454624
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 43.1 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 45.892 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion:146 Resp: 423077
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.9 77.9
 111 42.8 36.2 54.2





#15

Benzyl Alcohol

Concen: 50.364 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

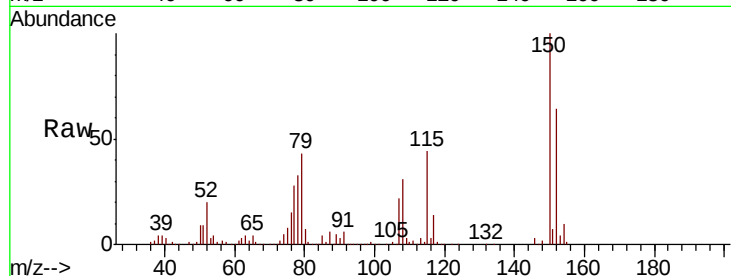
Tot Ion: 79 Resp: 345719

Ion Ratio Lower Upper

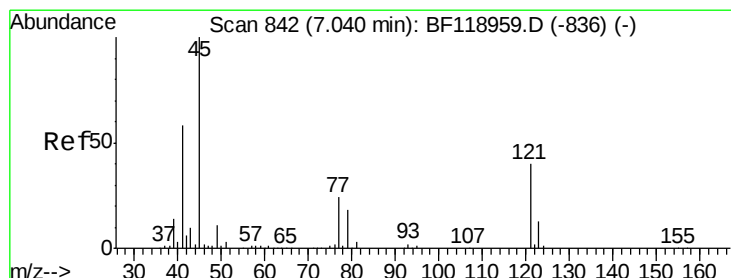
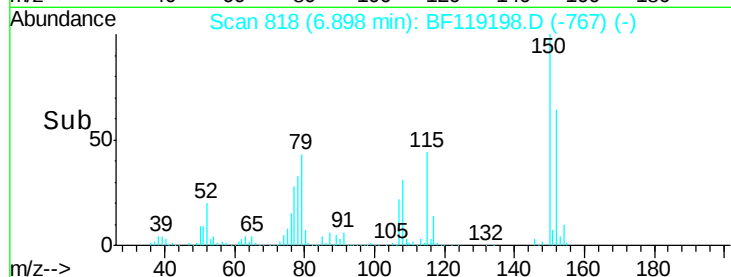
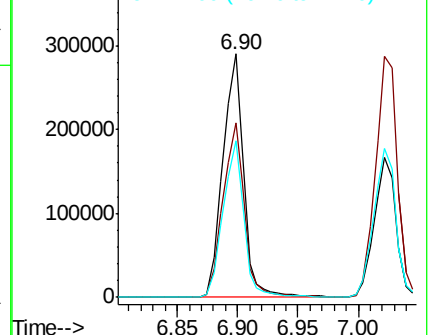
79 100

108 71.6 58.2 87.2

77 64.5 51.2 76.8



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: 44.969 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

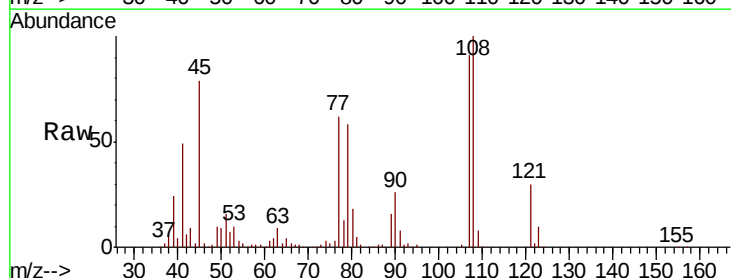
Tgt Ion: 45 Resp: 306068

Ion Ratio Lower Upper

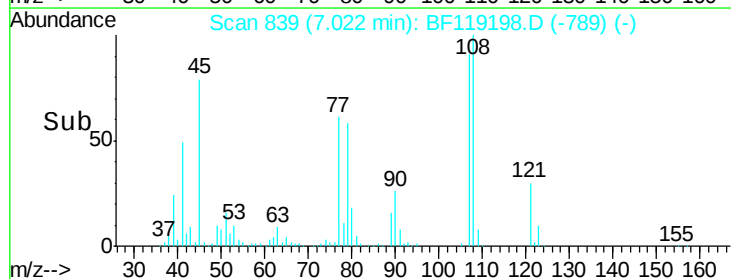
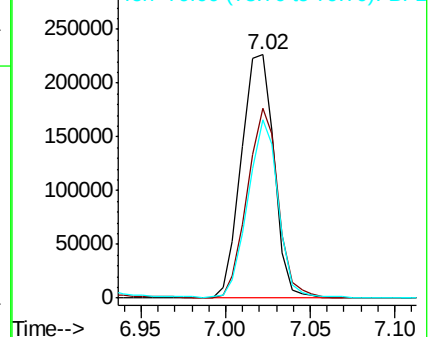
45 100

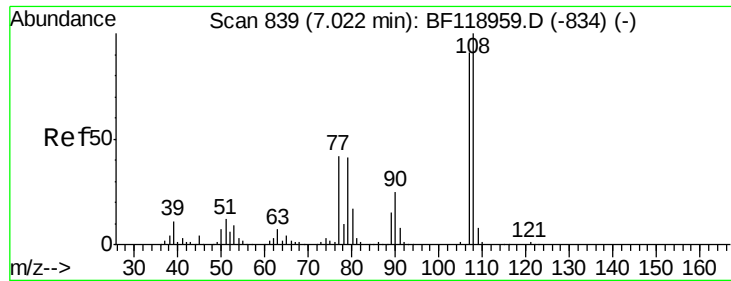
77 78.2 15.0 55.0#

79 73.4 9.4 49.4#



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

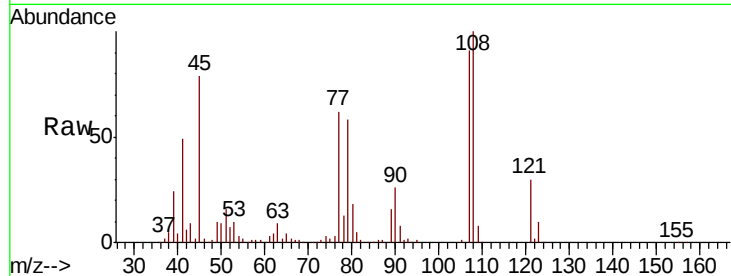




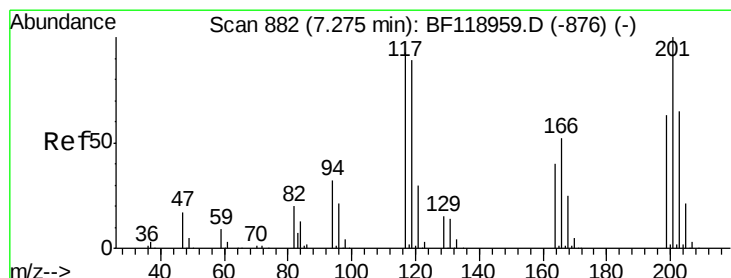
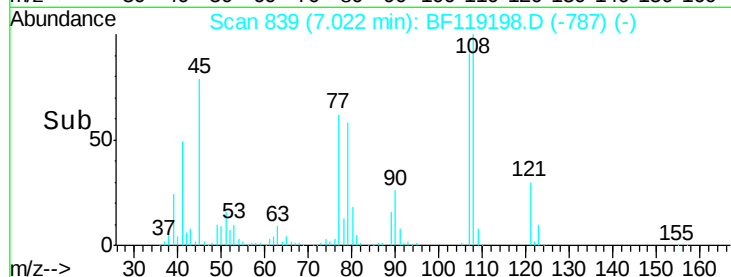
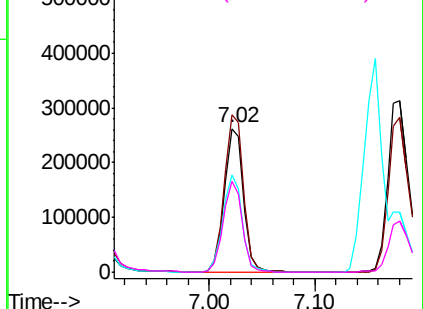
#17
2-Methylphenol
Concen: 48.168 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	329135
Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.9	131.9
77	67.3	45.3	67.9
79	63.2	43.0	64.4

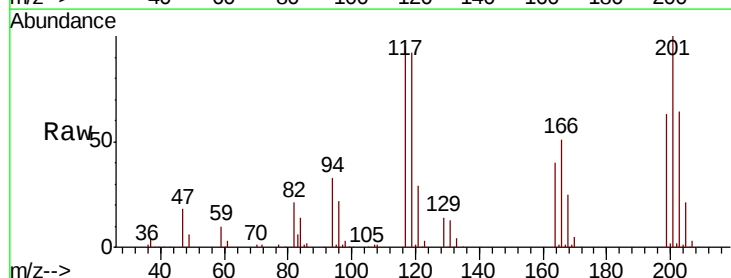


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1

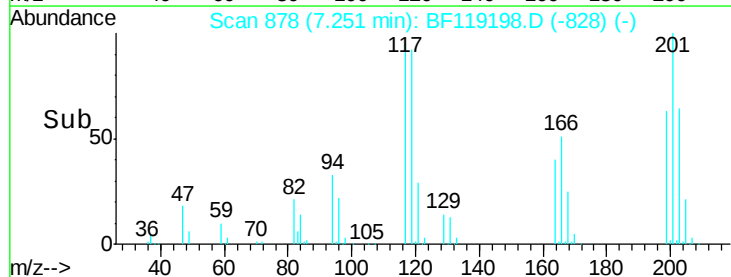
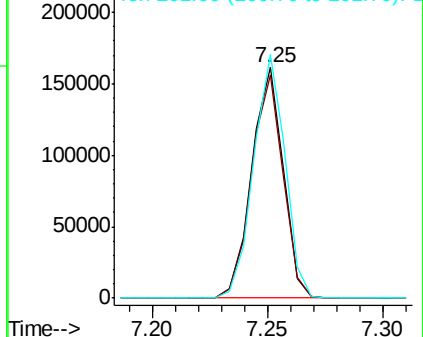


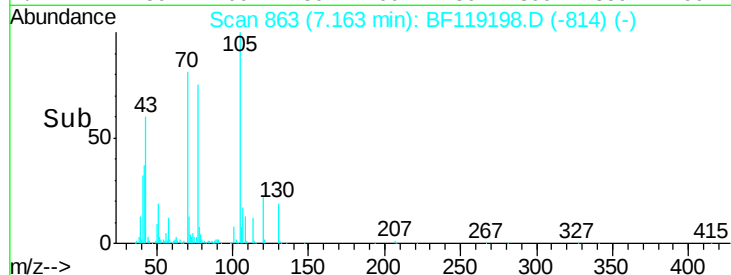
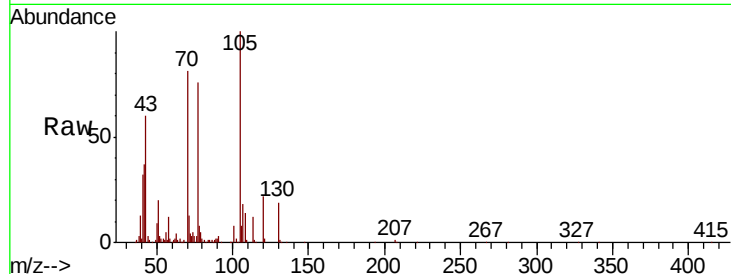
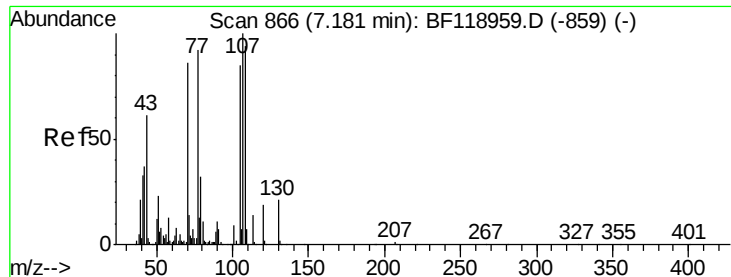
#18
Hexachloroethane
Concen: 42.449 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:	117	Resp:	153514
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
201	105.7	82.6	123.8



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E

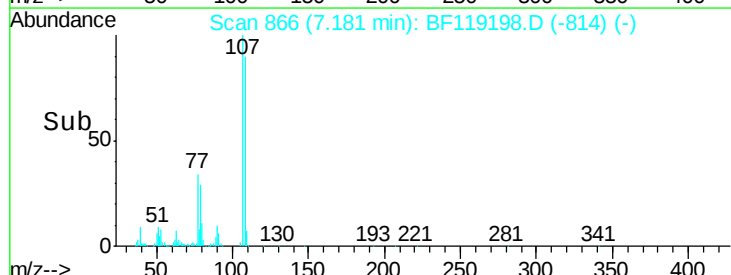
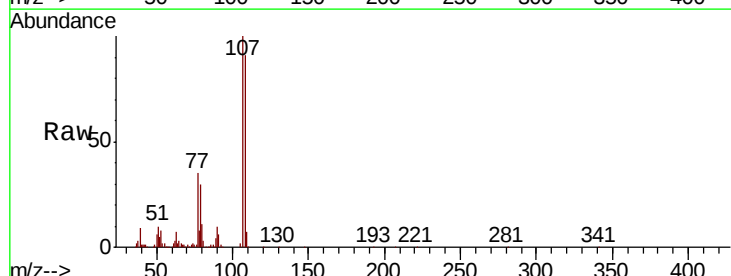
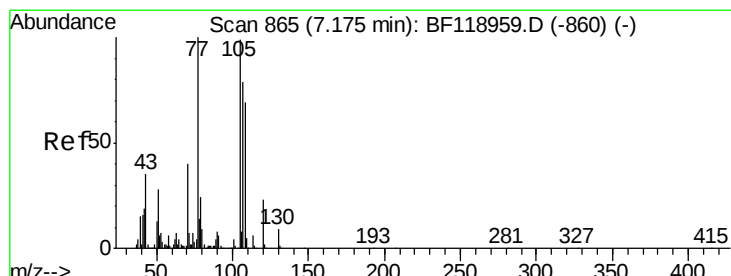
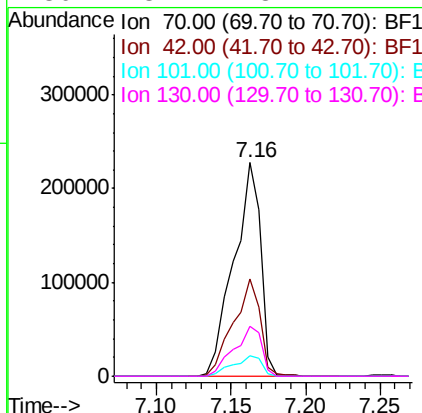




#19
n-Nitroso-di-n-propylamine
Concen: 51.664 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

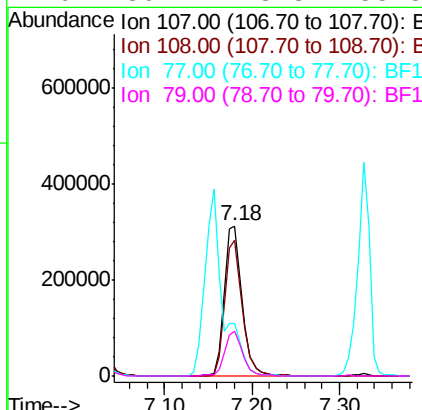
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 285928
Ion Ratio Lower Upper
70 100
42 45.4 38.0 57.0
101 9.8 8.2 12.4
130 23.4 18.2 27.4



#20
3+4-Methylphenols
Concen: 52.681 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion: 107 Resp: 441014
Ion Ratio Lower Upper
107 100
108 90.6 71.5 111.5
77 34.9 45.9 85.9#
79 30.1 13.8 53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 504060

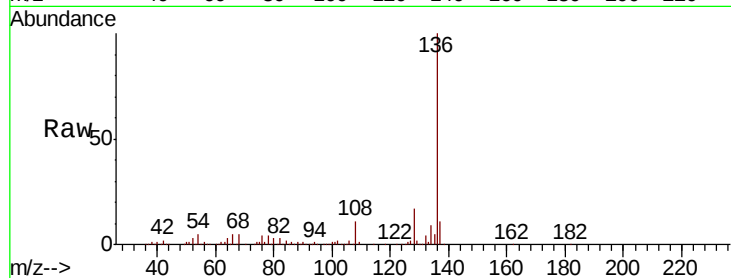
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 4.6 3.8 5.6

68 4.7 3.9 5.9

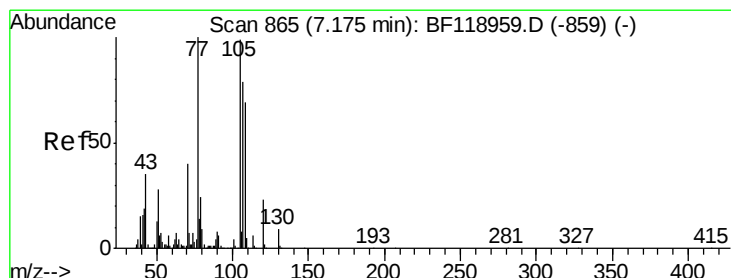
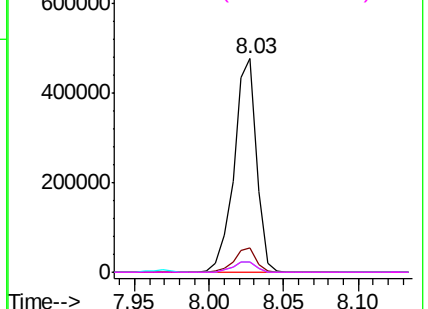
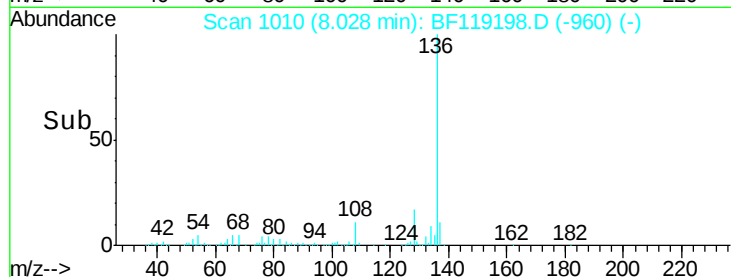


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.745 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:105 Resp: 568492

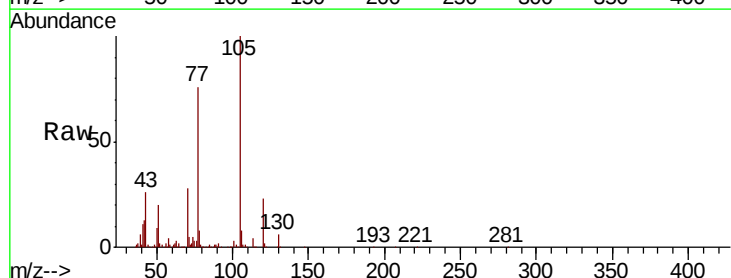
Ion Ratio Lower Upper

105 100

71 4.6 3.0 4.4#

51 20.1 20.1 30.1

120 22.7 18.0 27.0

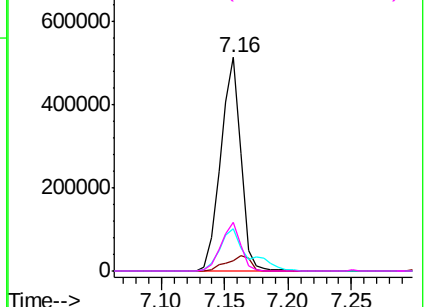
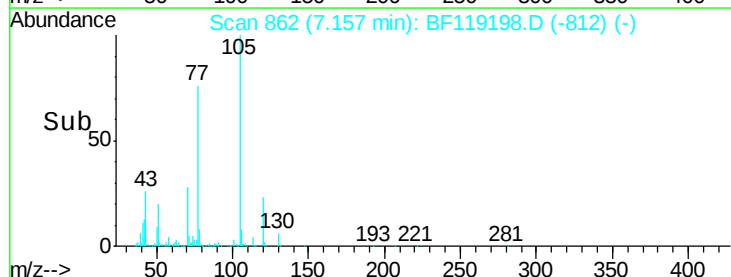


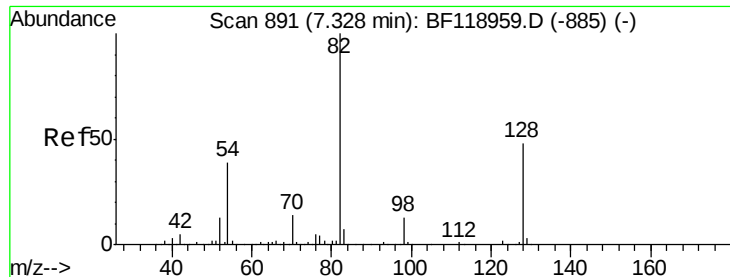
Abundance Ion 105.00 (104.70 to 105.70): E

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

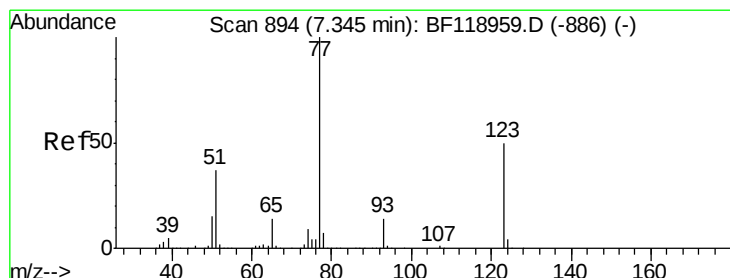
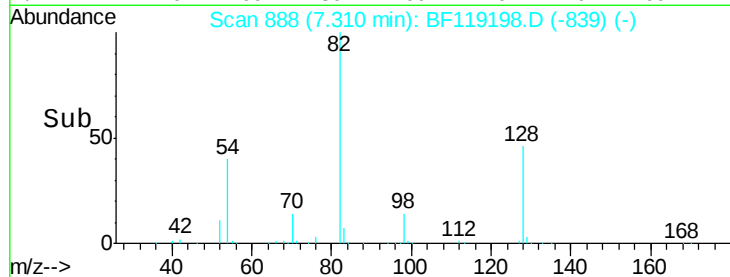
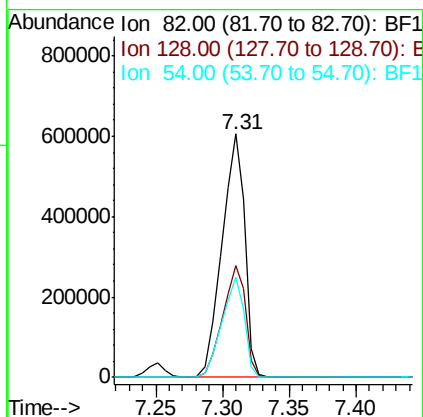
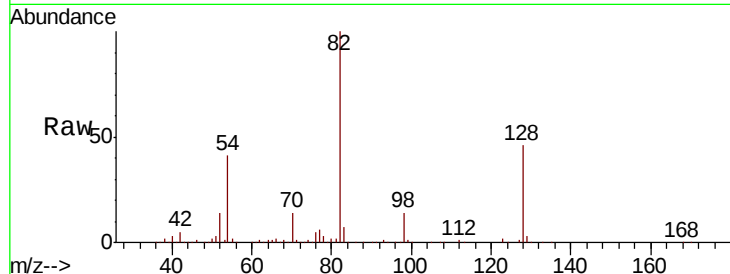




#23
Nitrobenzene-d5
Concen: 76.696 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

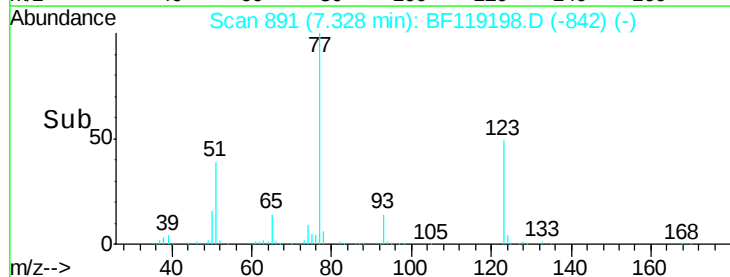
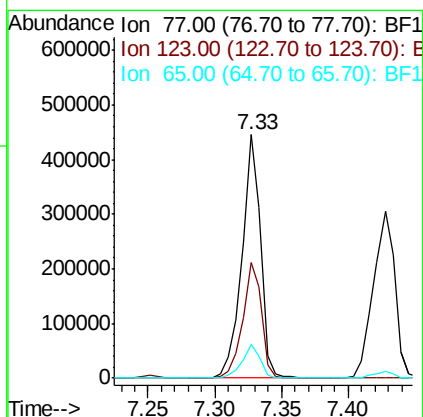
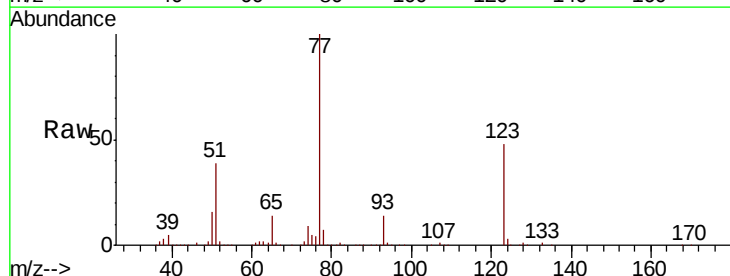
Instrument :
BNA_F
ClientSampleId :

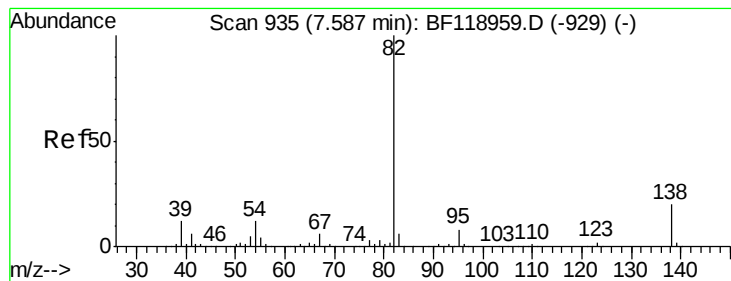
Tot Ion	82	Resp	732187
Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.9	56.9
54	41.1	33.4	50.2



#24
Nitrobenzene
Concen: 45.463 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	77	Resp	429200
Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.2	60.2
65	13.7	10.8	16.2





#25

Isophorone

Concen: 46.486 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

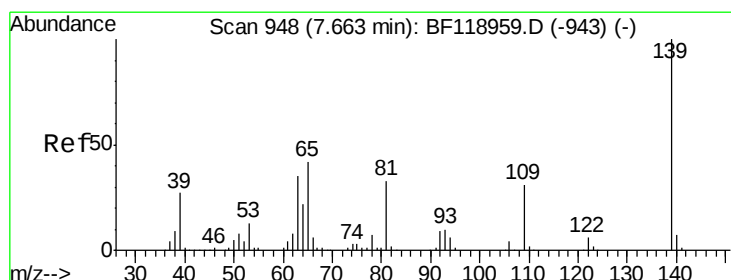
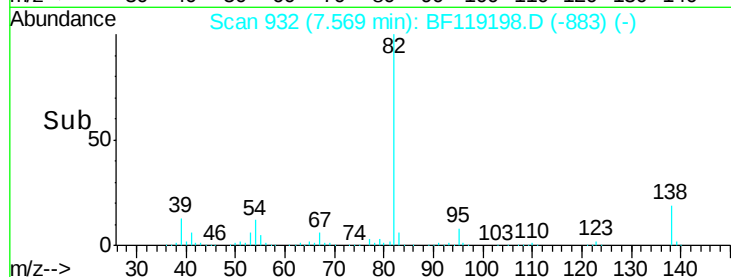
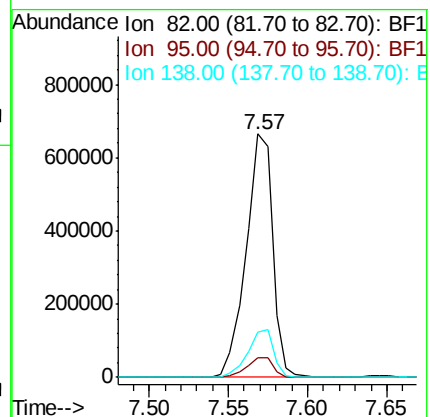
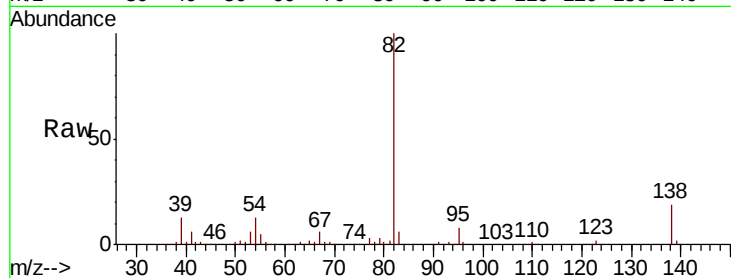
Tot Ion: 82 Resp: 770716

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 18.7 15.7 23.5



#26

2-Nitrophenol

Concen: 44.949 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

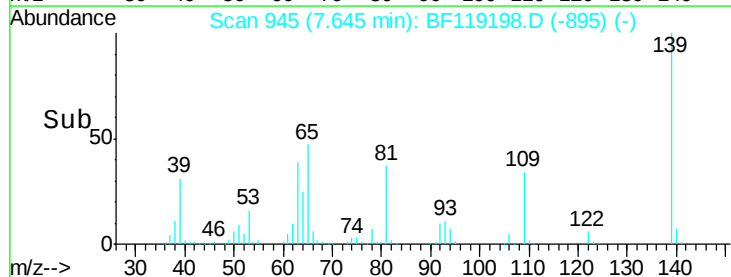
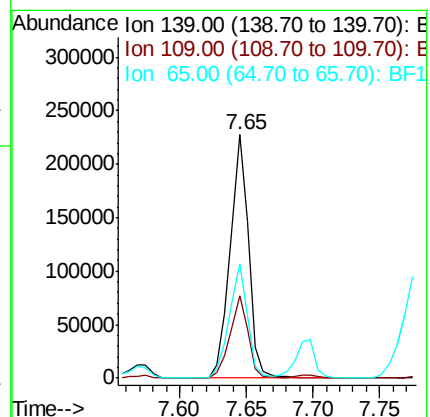
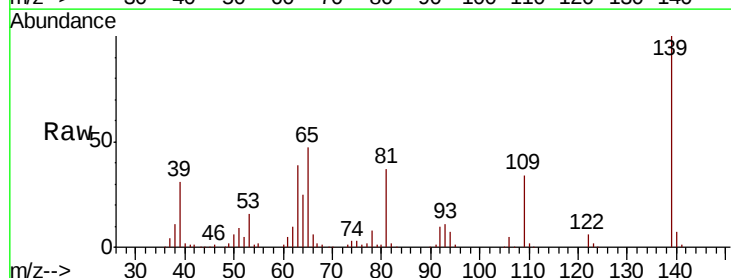
Tgt Ion: 139 Resp: 224839

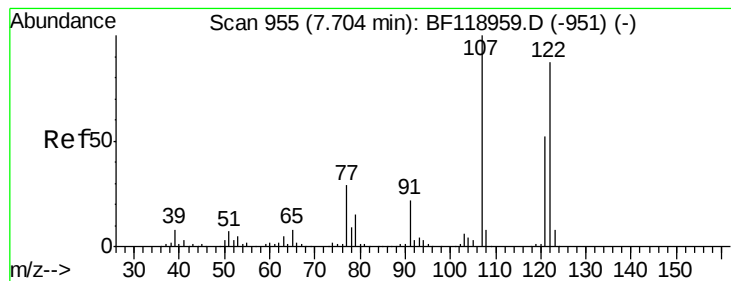
Ion Ratio Lower Upper

139 100

109 33.6 25.7 38.5

65 47.1 37.1 55.7

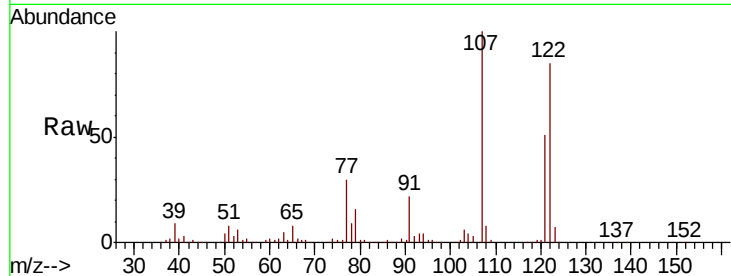




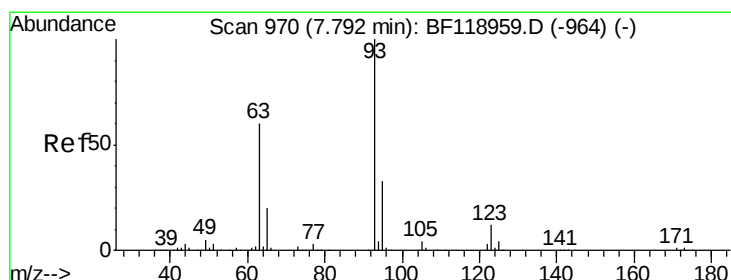
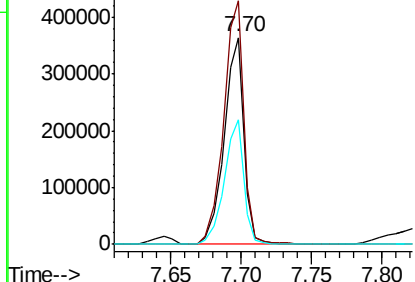
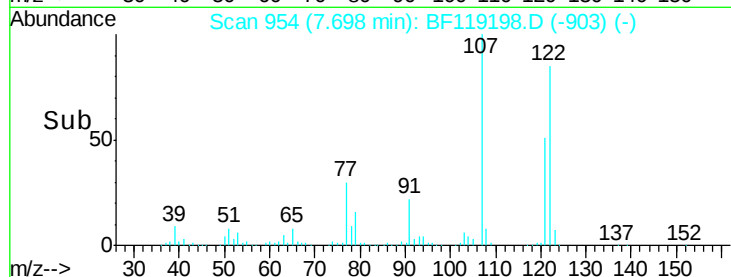
#27
2,4-Dimethylphenol
Concen: 52.087 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 353602
Ion Ratio Lower Upper
122 100
107 117.9 93.8 140.6
121 60.2 48.2 72.2

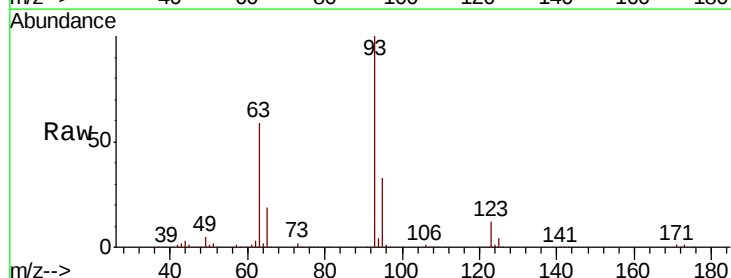


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

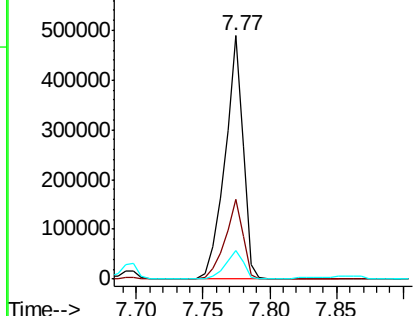
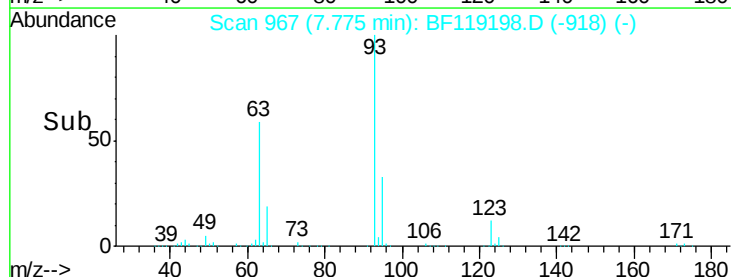


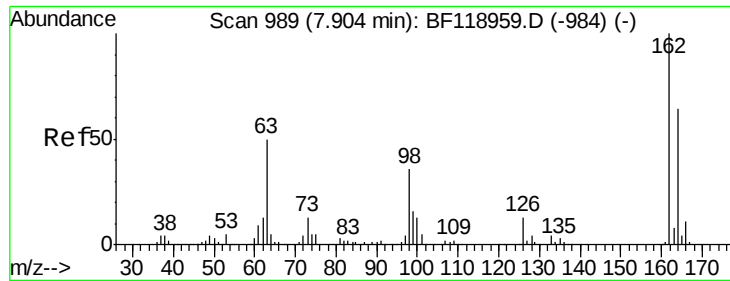
#28
bis(2-Chloroethoxy)methane
Concen: 43.768 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion: 93 Resp: 472327
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 11.9 10.2 15.2



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

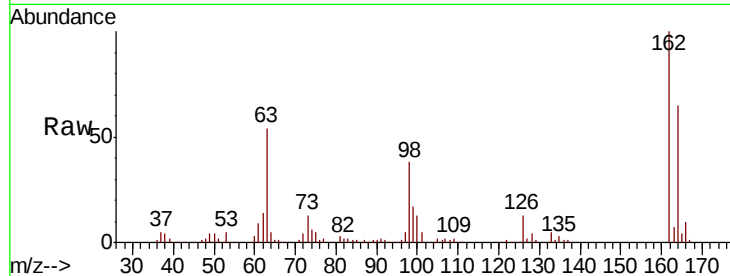




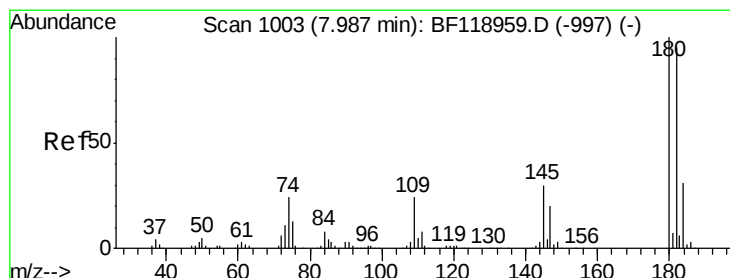
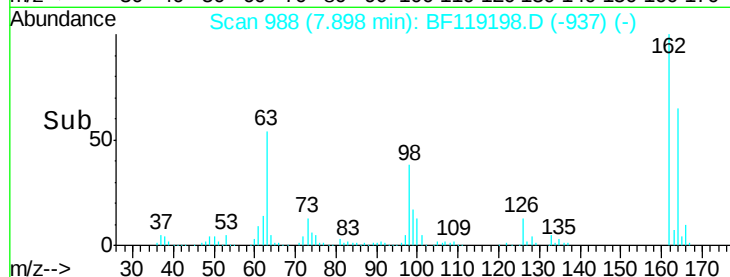
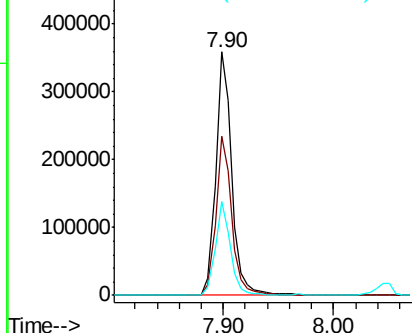
#29
2,4-Dichlorophenol
Concen: 45.005 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 359678
Ion Ratio Lower Upper
162 100
164 65.3 45.2 85.2
98 38.4 17.4 57.4

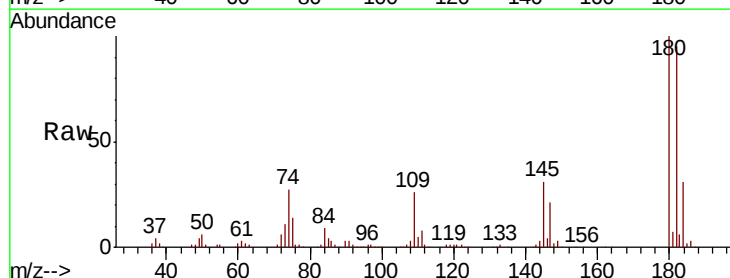


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

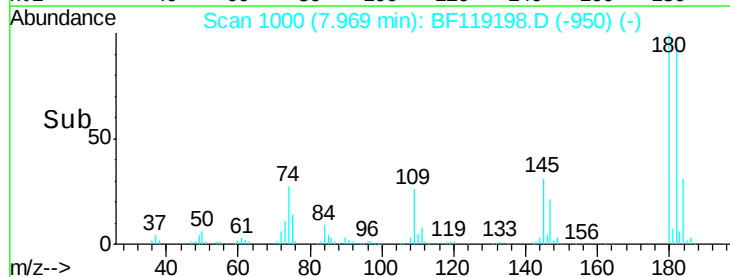
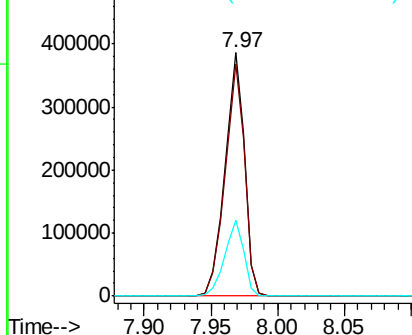


#30
1,2,4-Trichlorobenzene
Concen: 42.180 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:180 Resp: 399677
Ion Ratio Lower Upper
180 100
182 95.5 77.8 116.6
145 31.1 25.2 37.8



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: 45.197 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

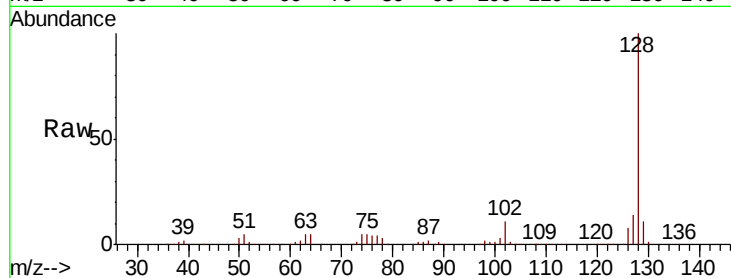
Tot Ion:128 Resp: 1181521

Ion Ratio Lower Upper

128 100

129 11.3 9.4 14.2

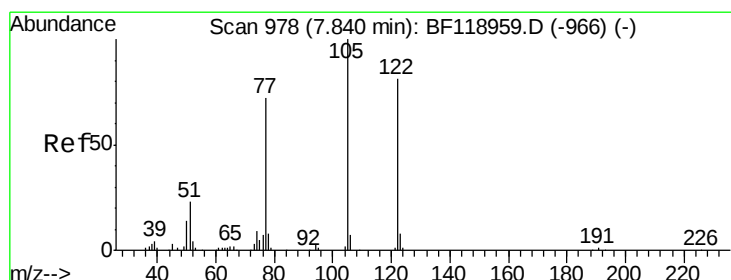
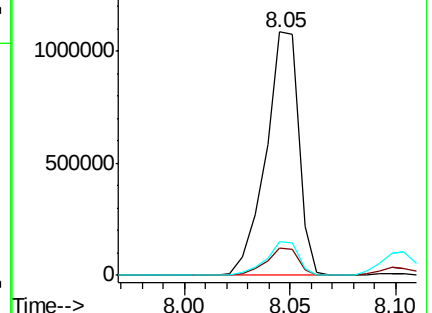
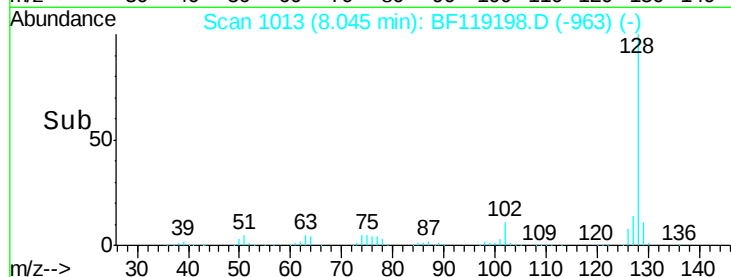
127 13.8 11.4 17.2



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: 45.834 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

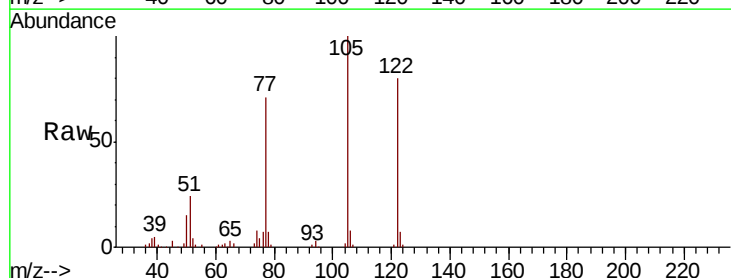
Tgt Ion:122 Resp: 225303

Ion Ratio Lower Upper

122 100

105 125.4 106.3 146.3

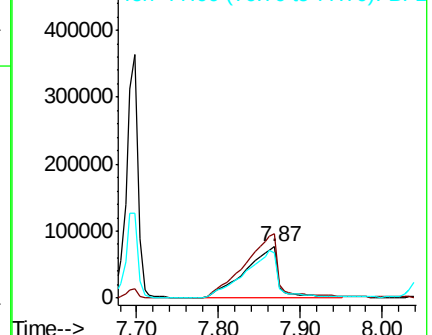
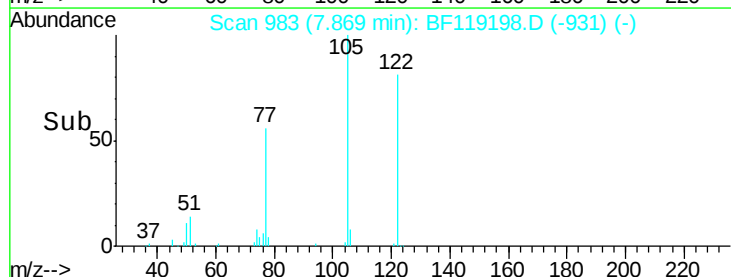
77 89.1 73.1 113.1

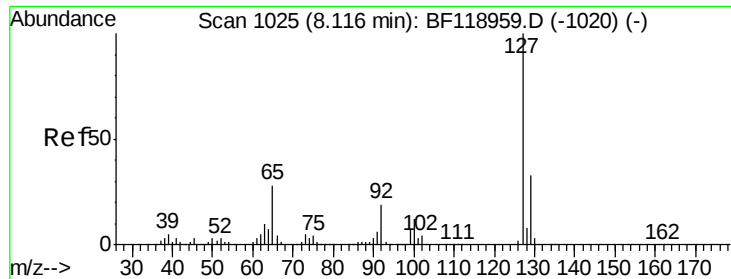


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

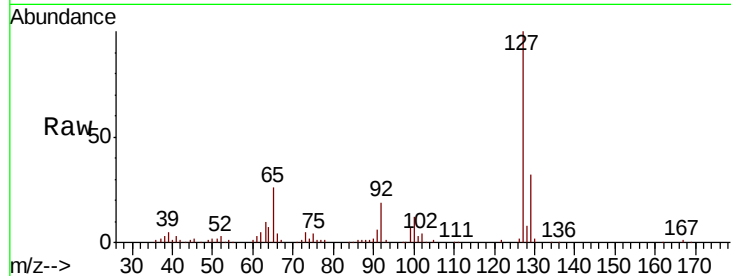




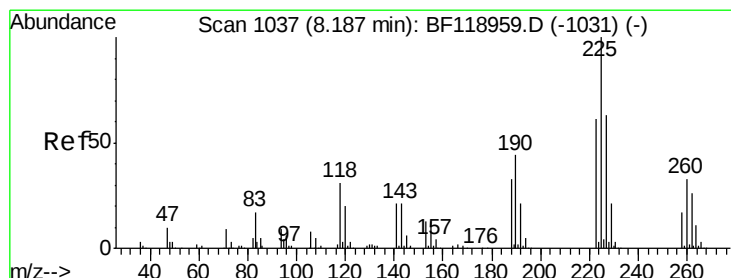
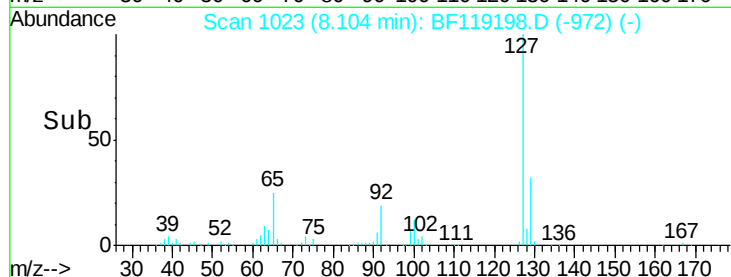
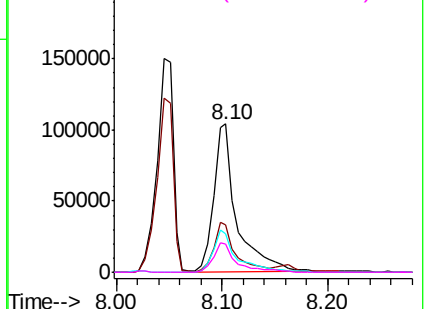
#33
4-Chloroaniline
Concen: 14.206 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	159722
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	25.9	23.9	35.9
92	19.3	16.3	24.5

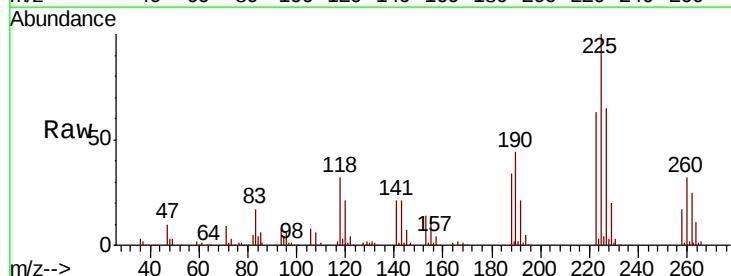


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

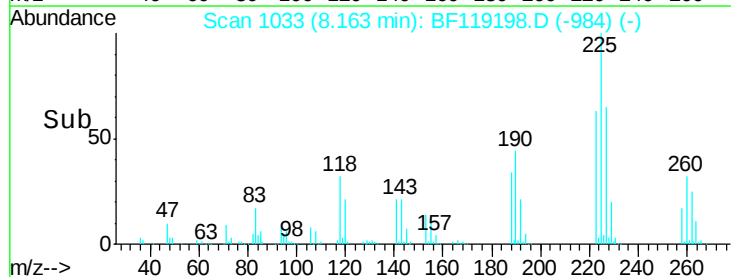
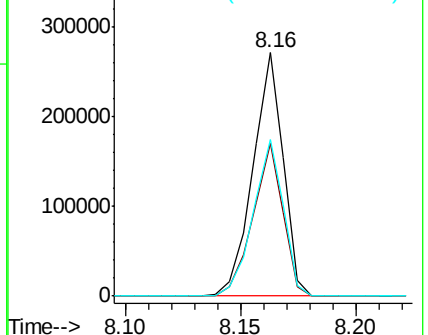


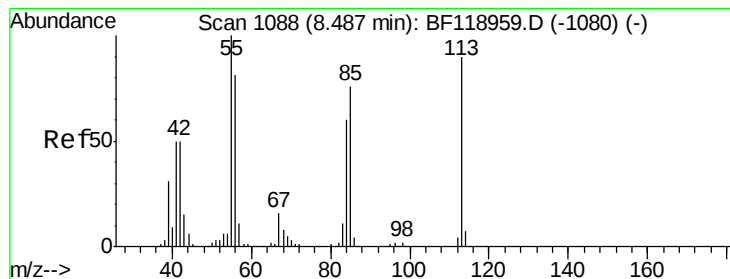
#34
Hexachlorobutadiene
Concen: 42.109 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:	225	Resp:	248539
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	64.5	52.9	79.3



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: 30.062 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

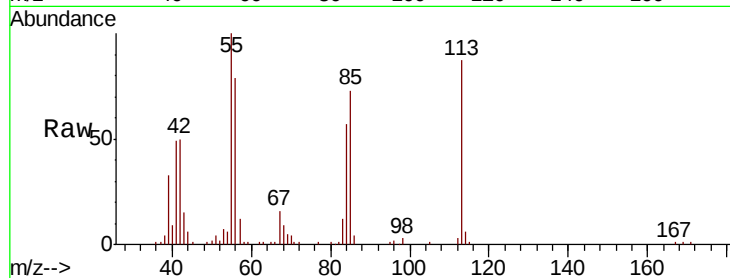
Tot Ion:113 Resp: 73978

Ion Ratio Lower Upper

113 100

55 115.0 95.7 135.7

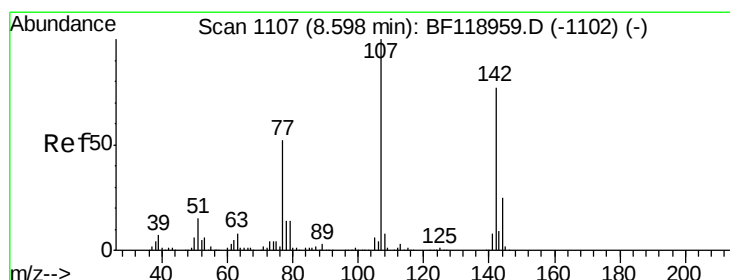
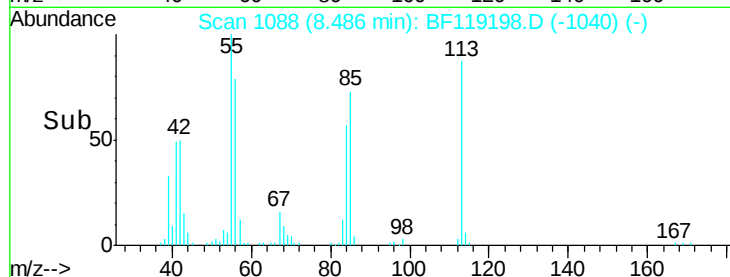
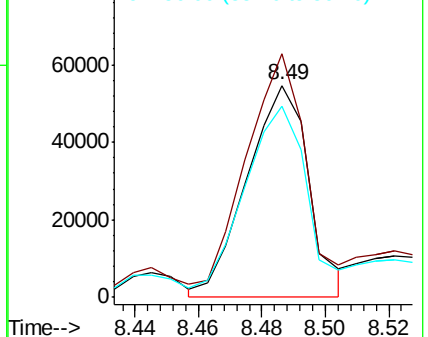
56 90.3 73.1 113.1



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: 46.560 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

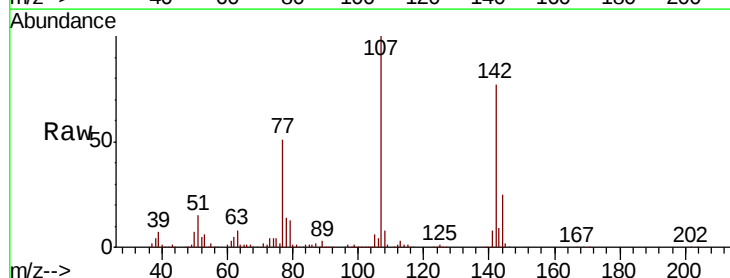
Tgt Ion:107 Resp: 376588

Ion Ratio Lower Upper

107 100

144 25.1 20.1 30.1

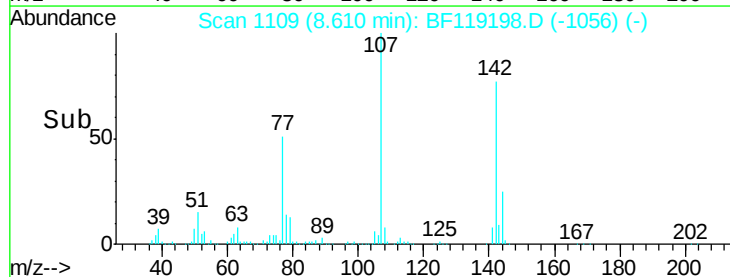
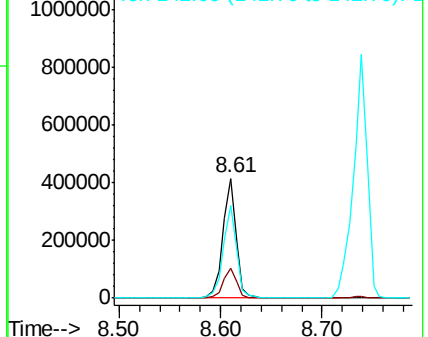
142 76.9 61.4 92.2

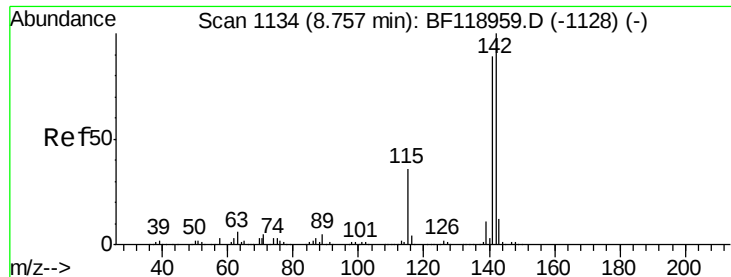


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

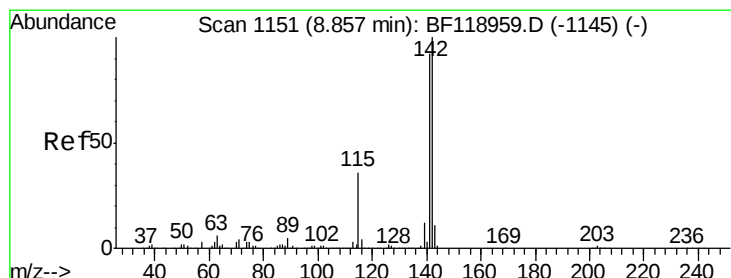
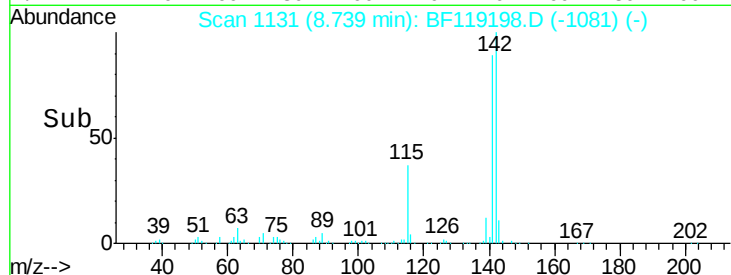
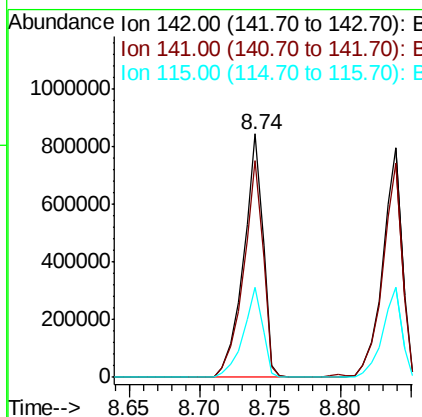
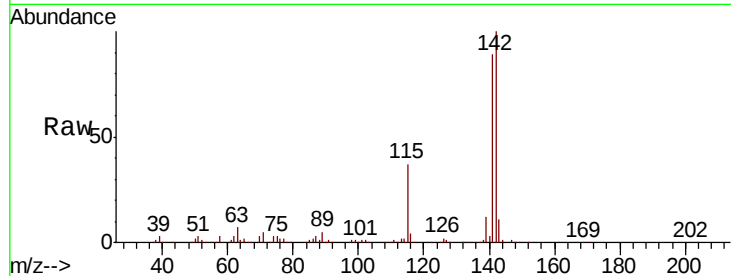




#37
2-Methylnaphthalene
Concen: 46.060 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

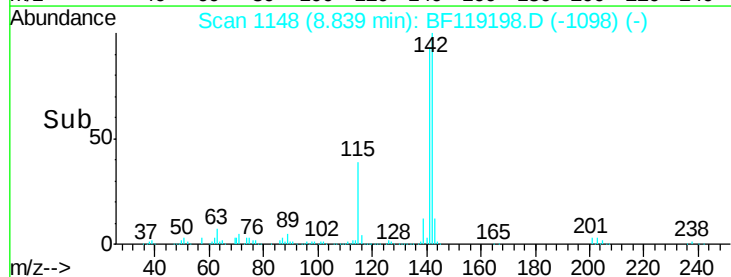
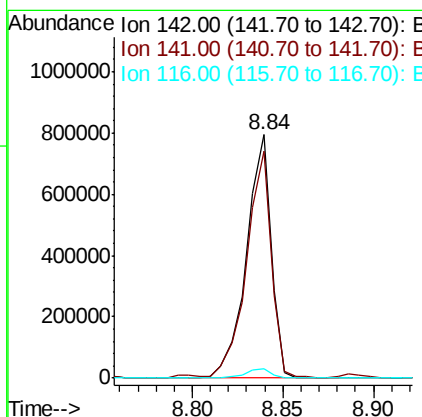
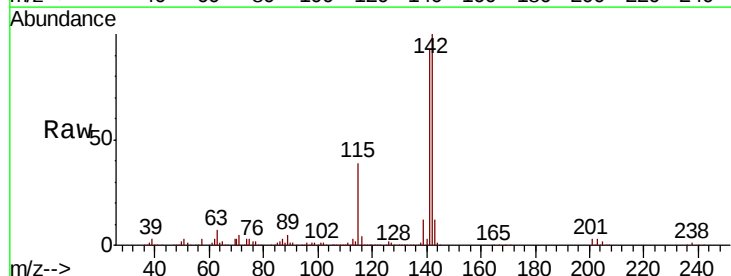
Instrument :
BNA_F
ClientSampled :

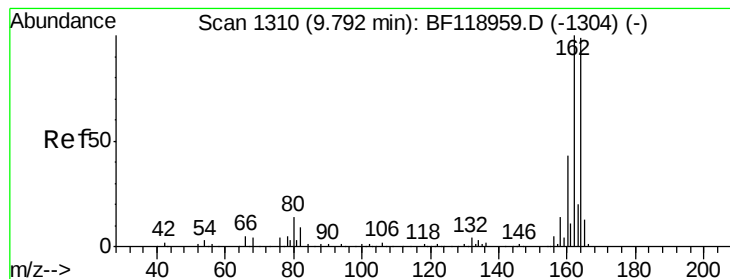
Tot Ion:142 Resp: 810312
Ion Ratio Lower Upper
142 100
141 88.9 72.3 108.5
115 37.0 30.6 45.8



#38
1-Methylnaphthalene
Concen: 45.429 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:142 Resp: 751621
Ion Ratio Lower Upper
142 100
141 93.3 75.8 113.6
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

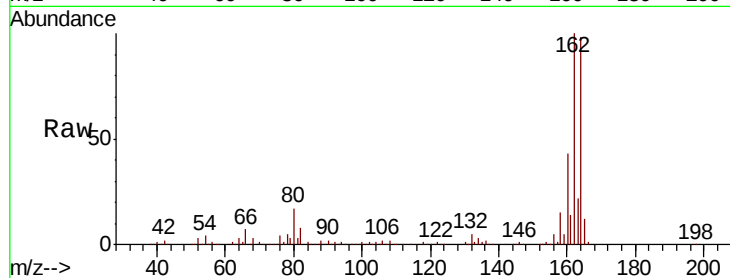
Tot Ion:164 Resp: 273490

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.8

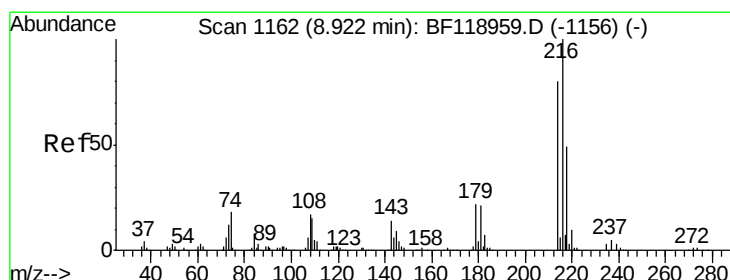
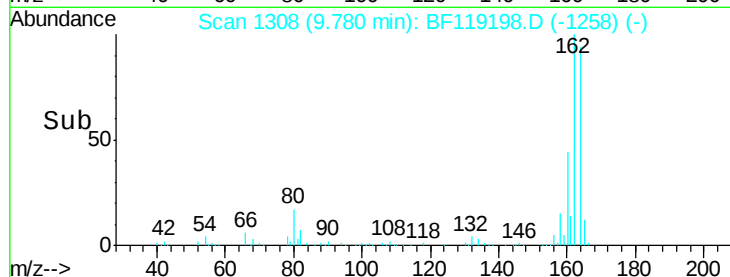
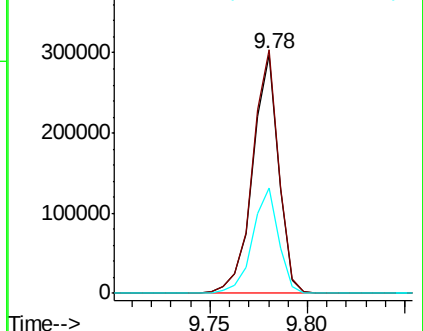
160 44.2 36.0 54.0



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: 43.346 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:216 Resp: 399691

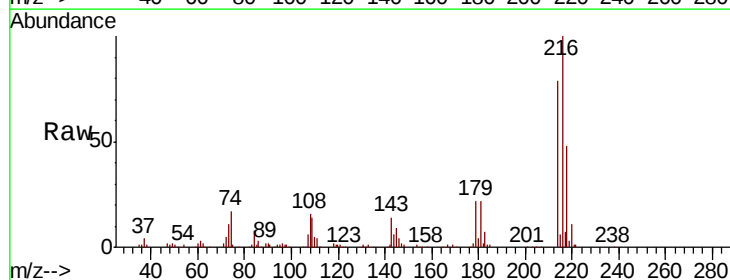
Ion Ratio Lower Upper

216 100

214 79.5 63.3 94.9

179 21.9 17.7 26.5

108 17.3 13.9 20.9

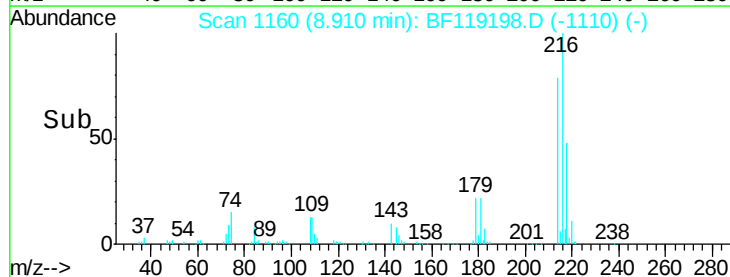
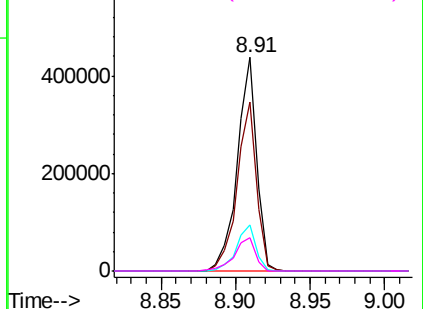


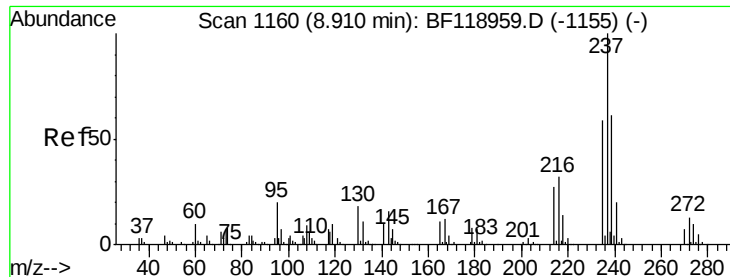
Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.945 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

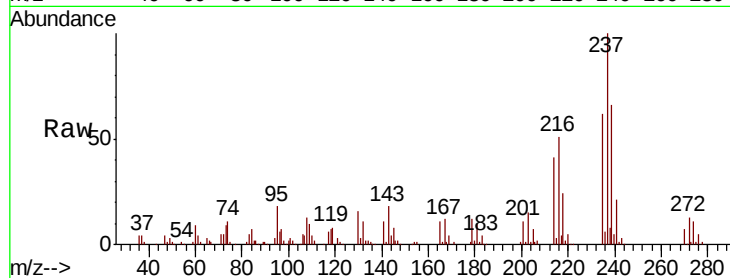
Tot Ion:237 Resp: 93367

Ion Ratio Lower Upper

237 100

235 62.0 42.3 82.3

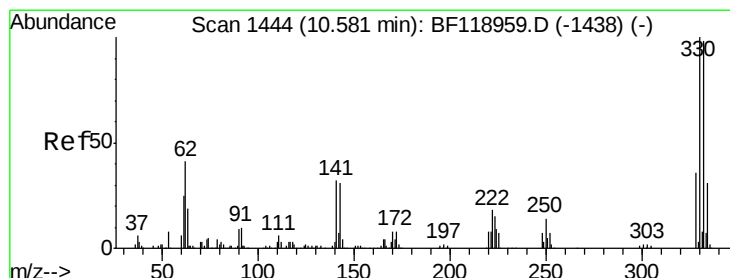
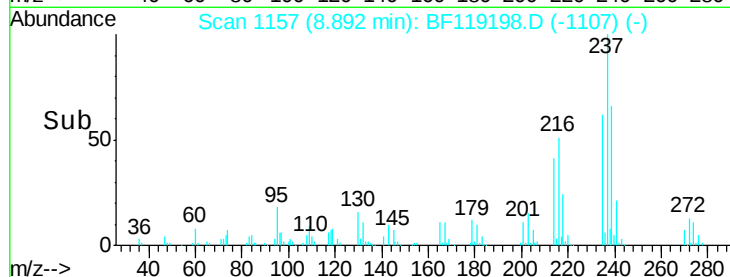
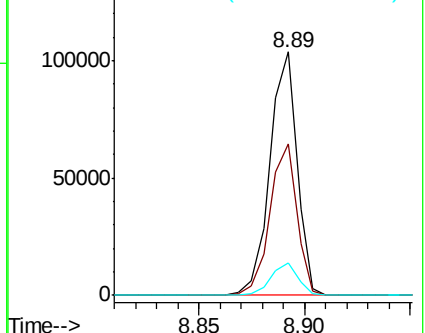
272 13.4 0.0 33.5



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: 99.678 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

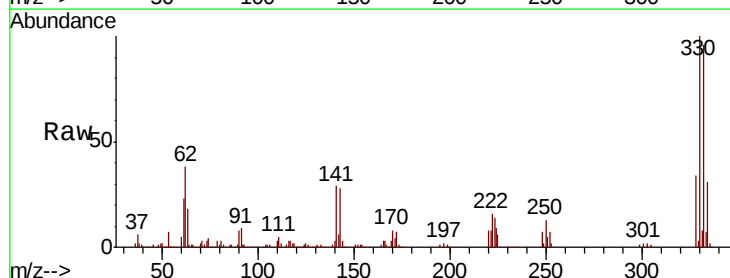
Tgt Ion:330 Resp: 356618

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

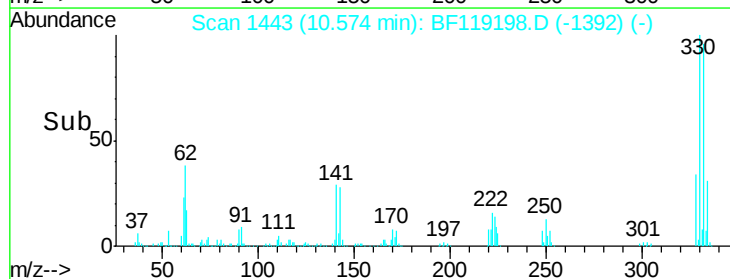
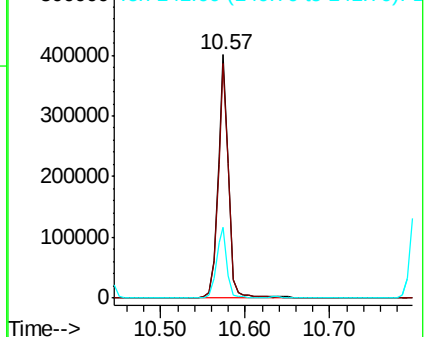
141 29.3 22.9 34.3

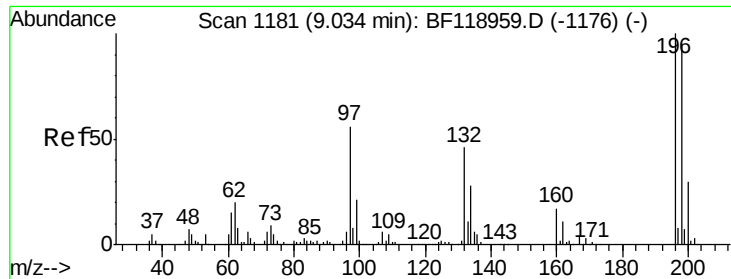


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

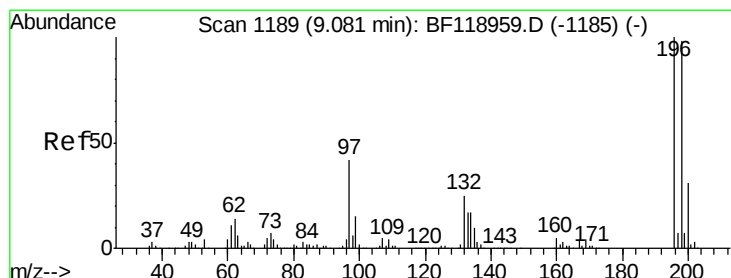
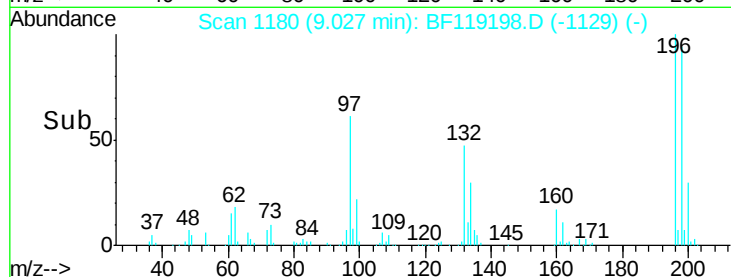
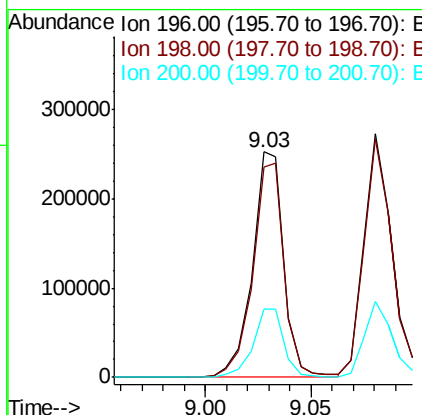
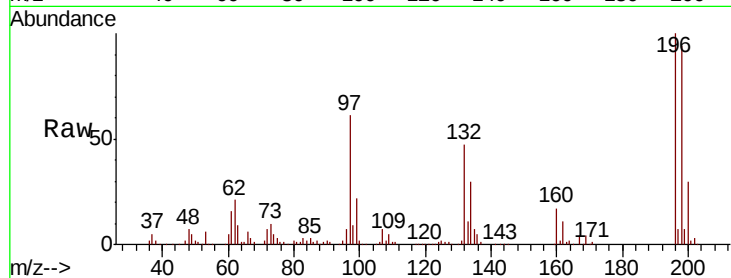




#43
 2,4,6-Trichlorophenol
 Concen: 44.656 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

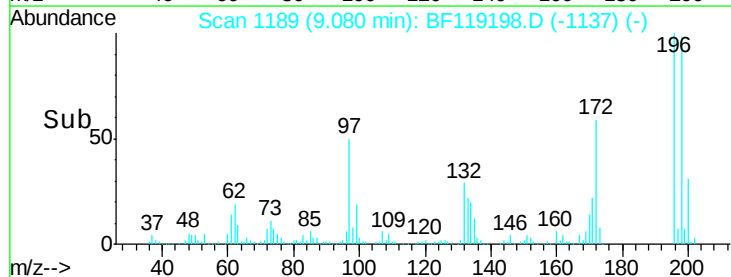
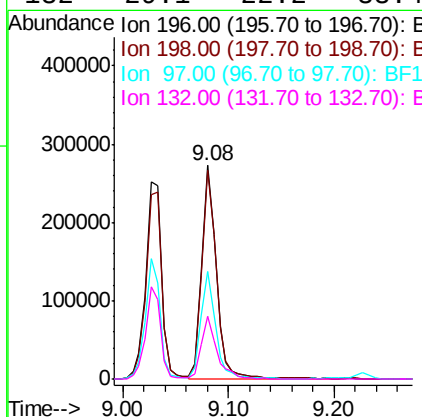
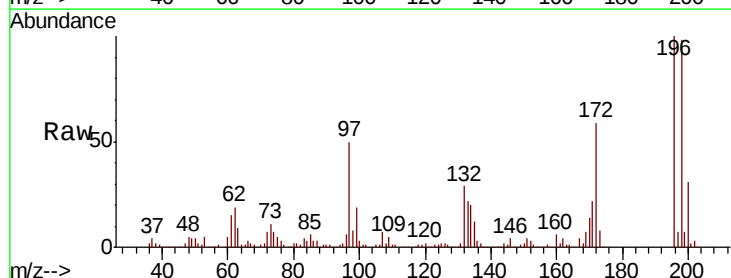
Instrument :
 BNA_F
 ClientSampled :

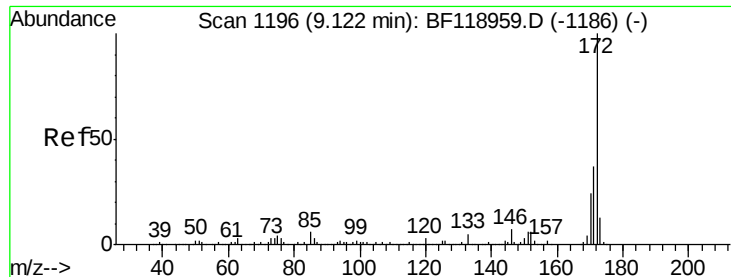
Tot Ion:196 Resp: 260032
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.1 115.7
 200 30.0 25.0 37.6



#44
 2,4,5-Trichlorophenol
 Concen: 42.528 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion:196 Resp: 259865
 Ion Ratio Lower Upper
 196 100
 198 97.7 76.8 115.2
 97 50.4 38.5 57.7
 132 29.1 22.2 33.4



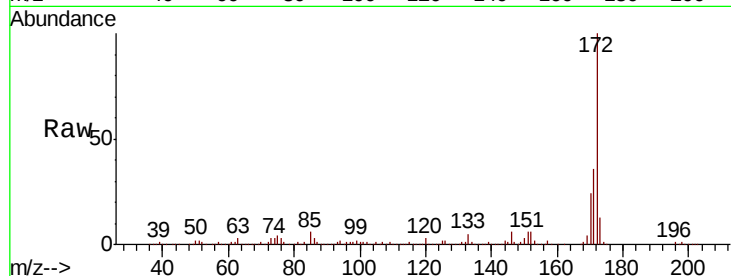


#45
 2-Fluorobiphenyl
 Concen: 78.150 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

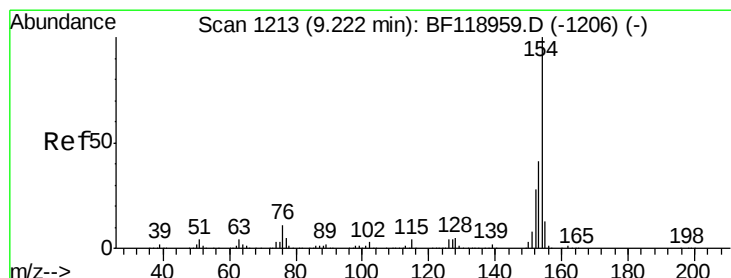
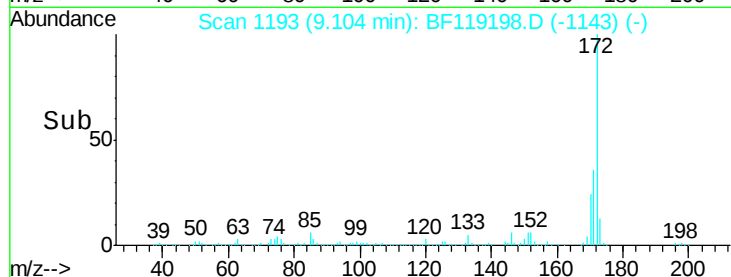
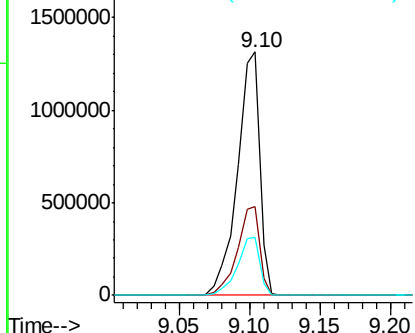
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1450823

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	24.0	20.2	30.2



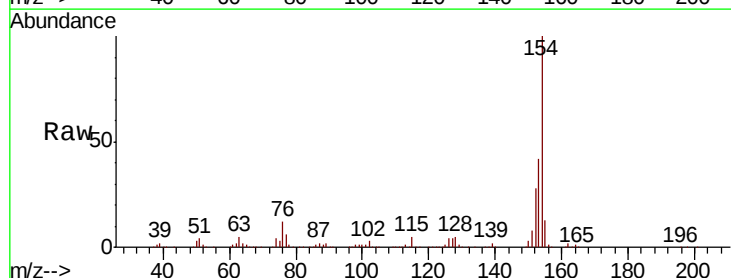
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



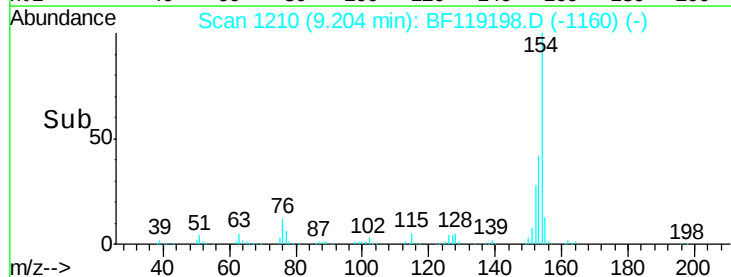
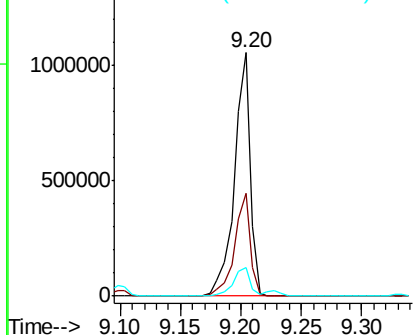
#46
 1,1'-Biphenyl
 Concen: 43.649 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

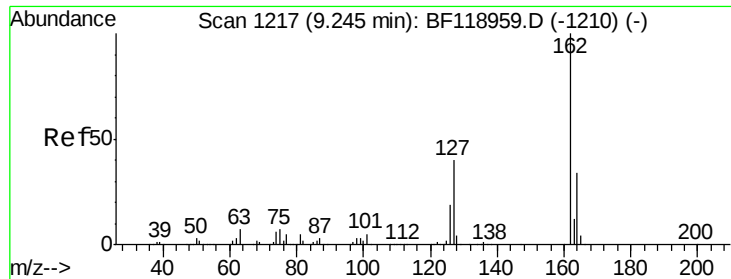
Tgt Ion:154 Resp: 964800

Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.8	62.8
76	11.7	0.0	32.2



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

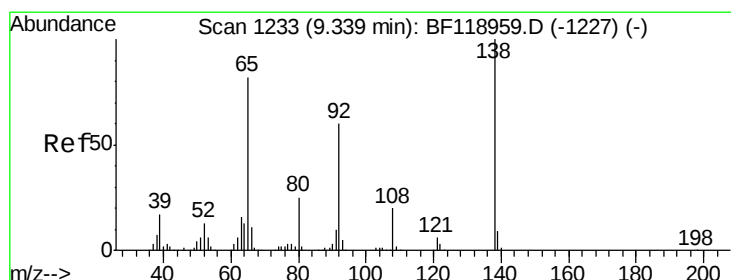
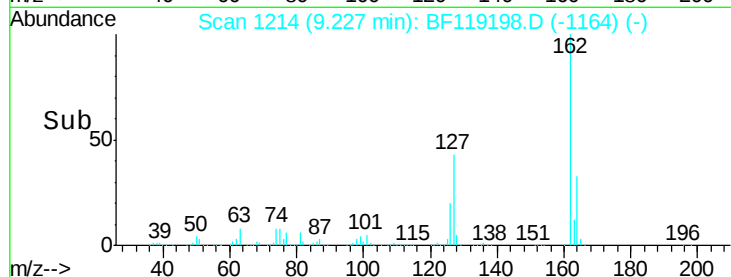
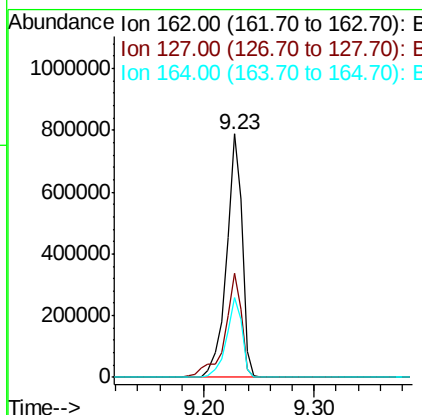
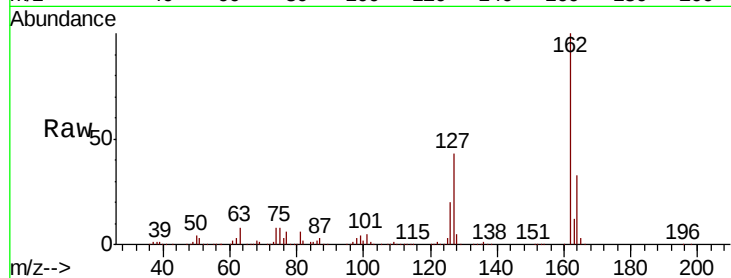




#47
 2-Chloronaphthalene
 Concen: 43.594 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

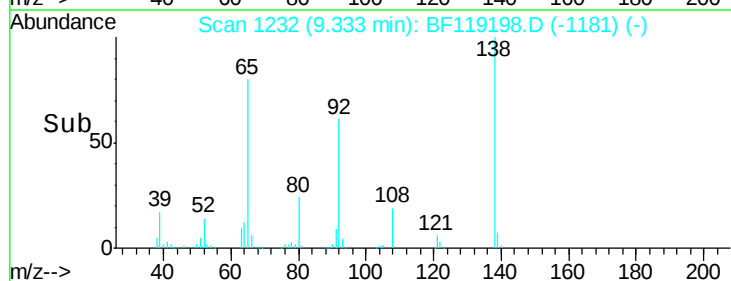
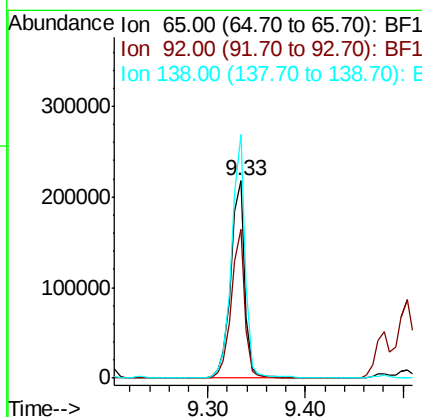
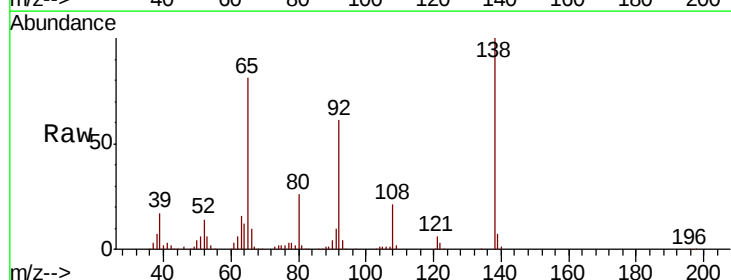
Instrument :
 BNA_F
 ClientSampleId :

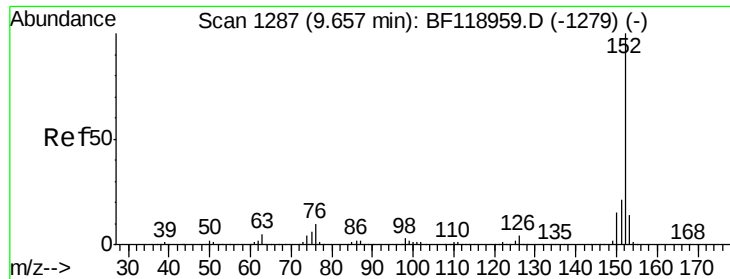
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	35.0	52.4
164	32.8	27.2	40.8



#48
 2-Nitroaniline
 Concen: 44.044 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.6	58.2	87.2
138	123.4	95.6	143.4





#49

Acenaphthylene

Concen: 44.844 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

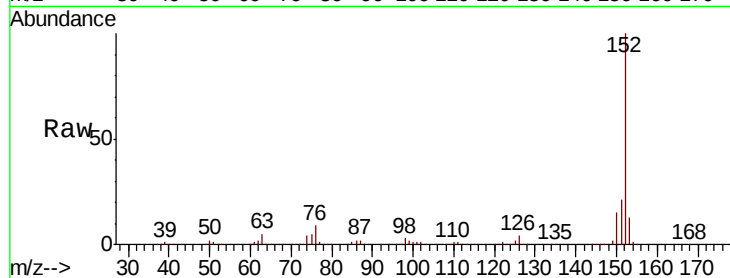
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1153670

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.2	11.0	16.6

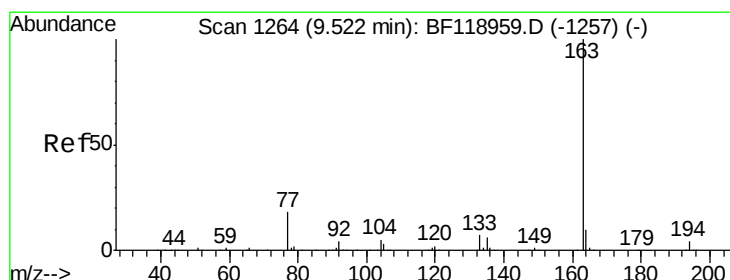
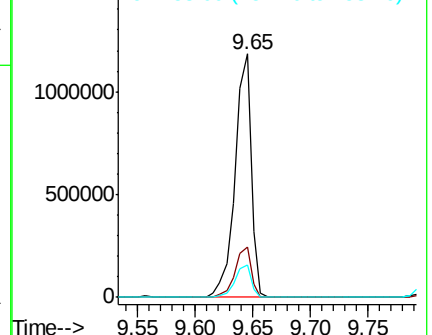
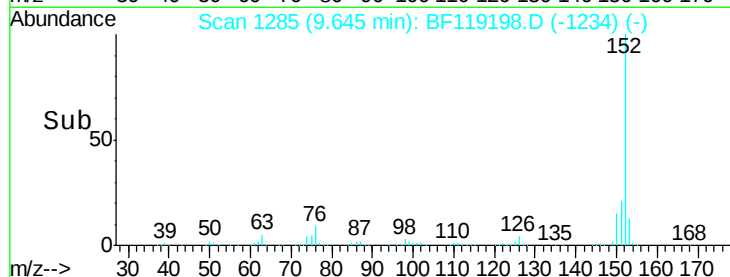


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.034 ng

RT: 9.50 min Scan# 1261

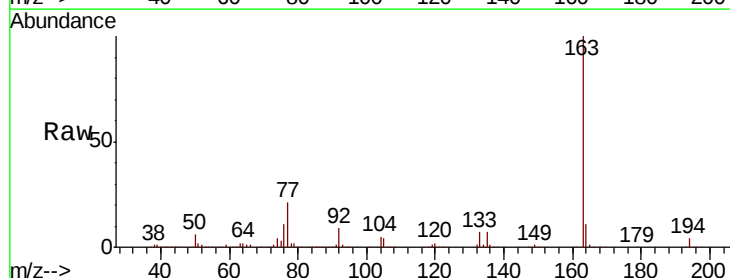
Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Tgt Ion:163 Resp: 1046374

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	8.4	12.6

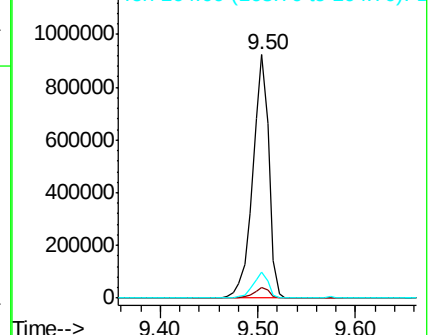
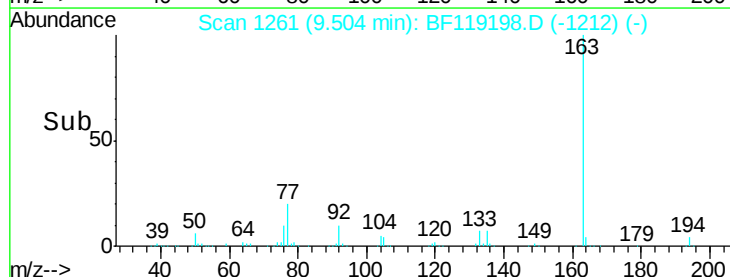


Abundance

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

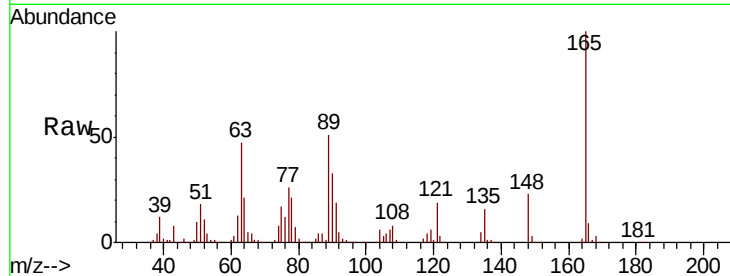




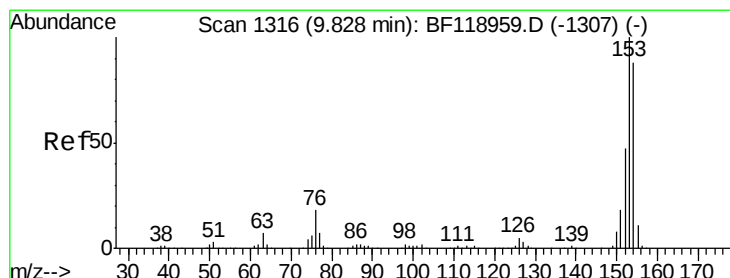
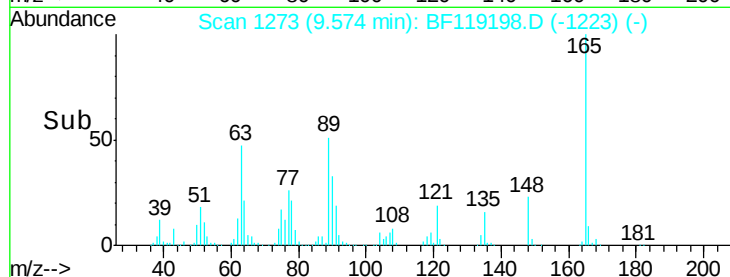
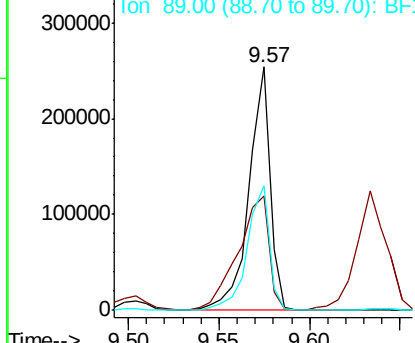
#51
 2,6-Dinitrotoluene
 Concen: 44.553 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.9	34.3	51.5
89	51.0	38.3	57.5

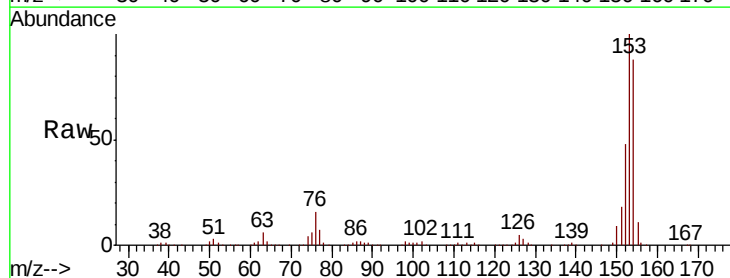


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

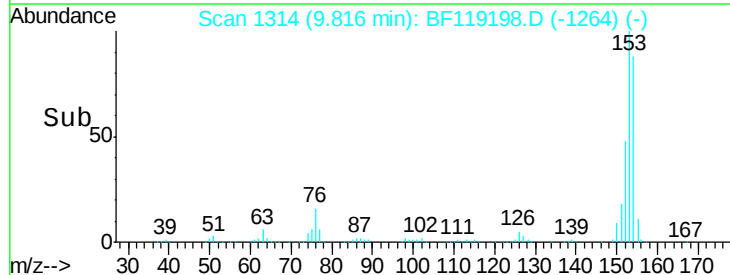
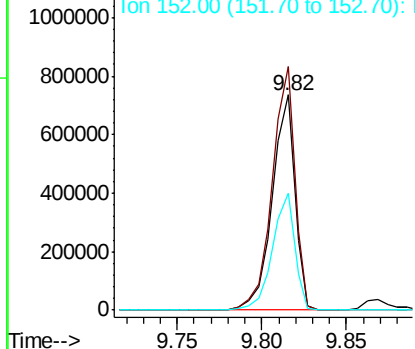


#52
 Acenaphthene
 Concen: 43.995 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.3	135.5
152	54.5	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

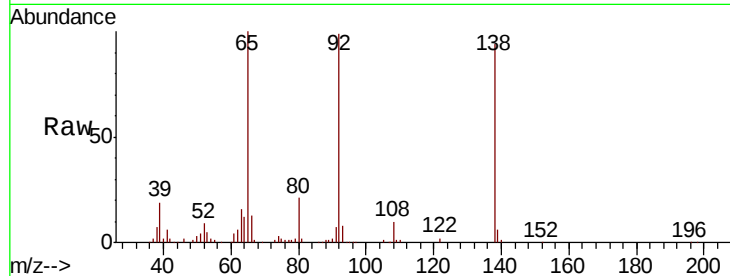




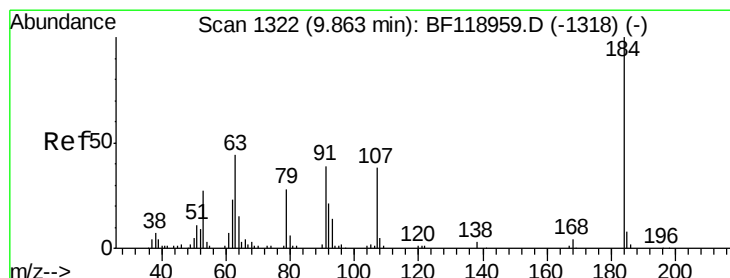
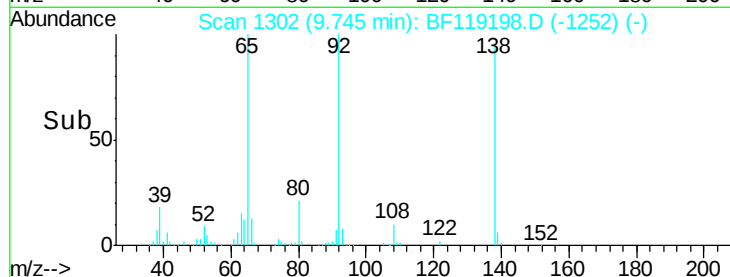
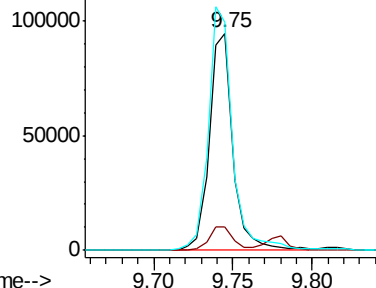
#53
3-Nitroaniline
Concen: 19.068 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 98217
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 105.4 84.8 127.2

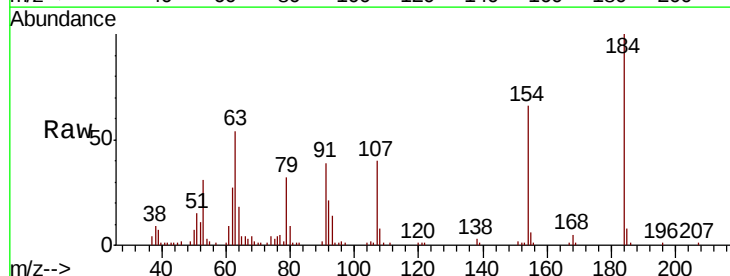


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

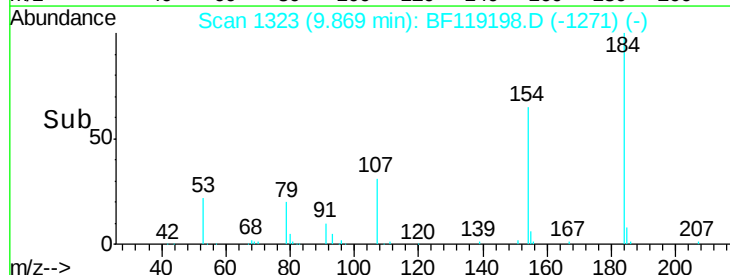
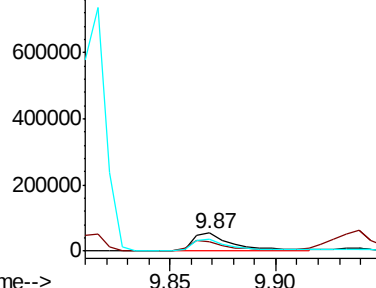


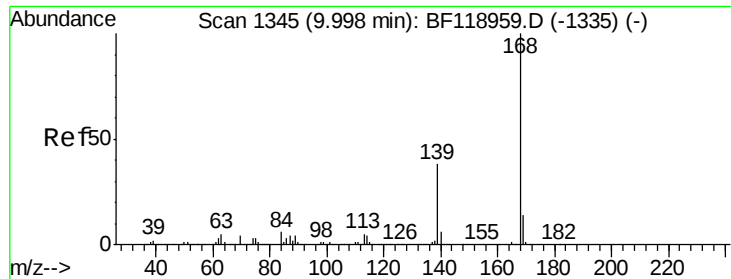
#54
2,4-Dinitrophenol
Concen: 36.388 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:184 Resp: 72021
Ion Ratio Lower Upper
184 100
63 54.2 38.7 58.1
154 66.3 49.7 74.5



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

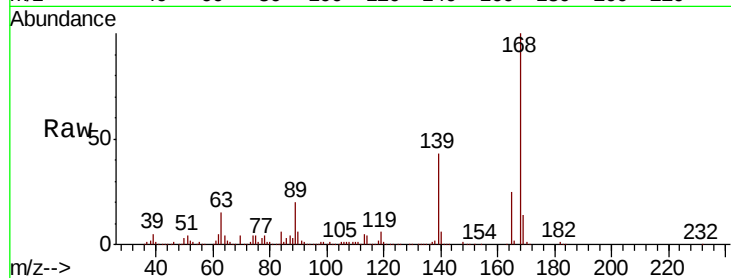




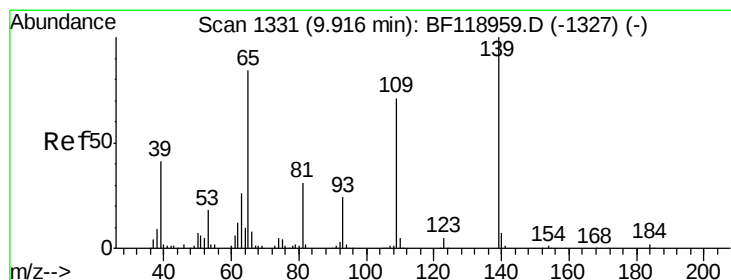
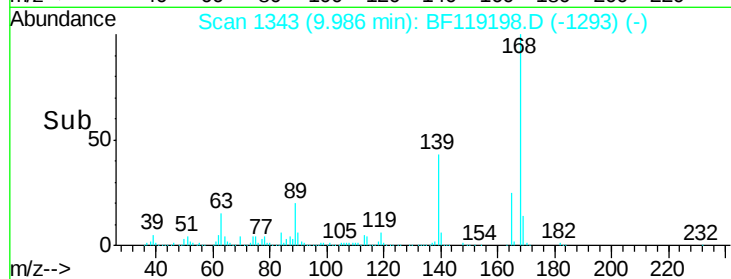
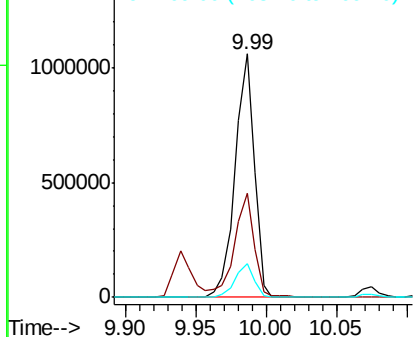
#55
Dibenzofuran
Concen: 43.328 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1003195
Ion Ratio Lower Upper
168 100
139 42.6 34.0 51.0
169 13.7 11.0 16.4

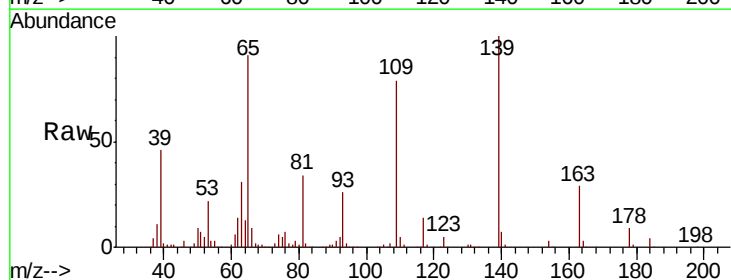


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

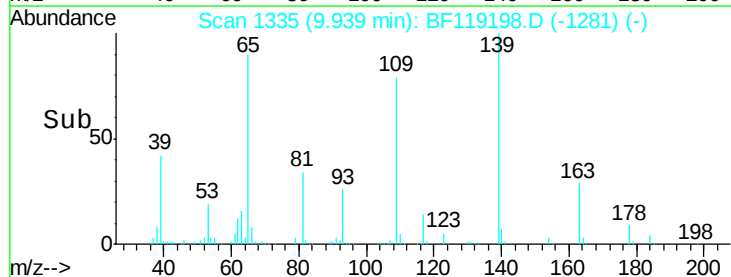
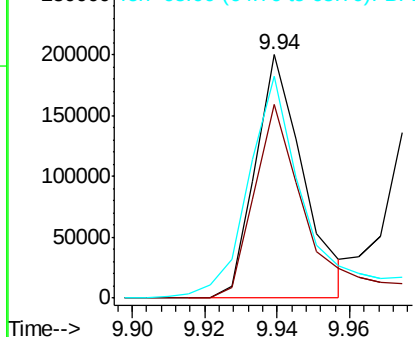


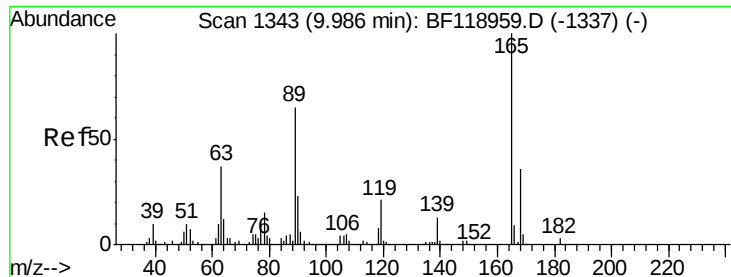
#56
4-Nitrophenol
Concen: 59.422 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.02 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:139 Resp: 183901
Ion Ratio Lower Upper
139 100
109 79.4 56.7 96.7
65 91.0 65.0 105.0



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

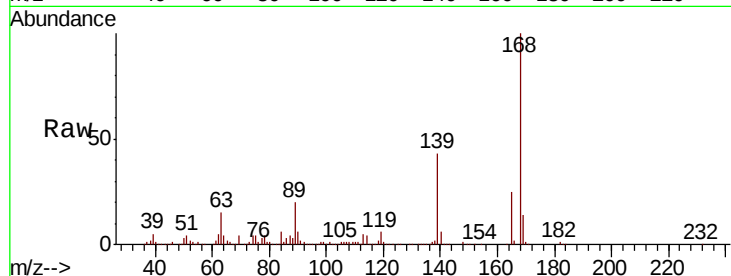




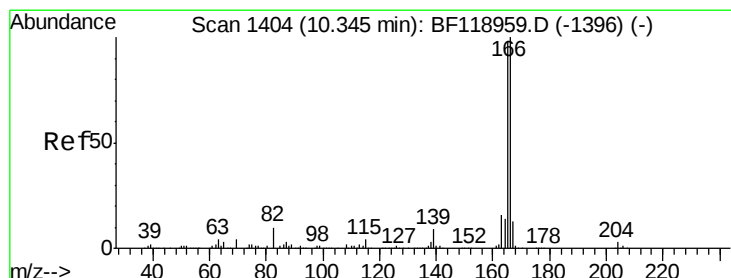
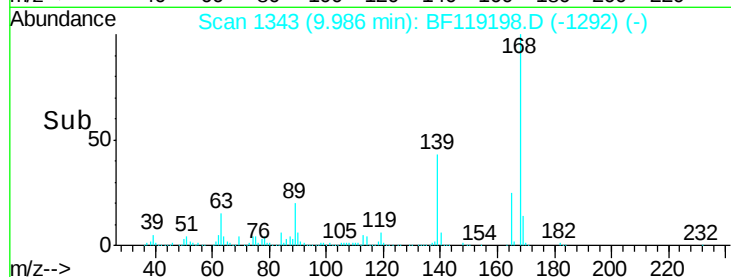
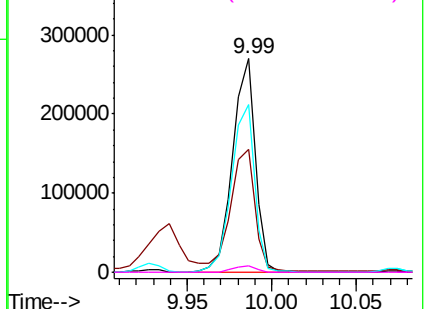
#57
 2,4-Dinitrotoluene
 Concen: 42.002 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	252957
Ion	Ratio	Lower	Upper
165	100		
63	57.6	42.3	63.5
89	78.6	60.2	90.4
182	2.8	2.3	3.5

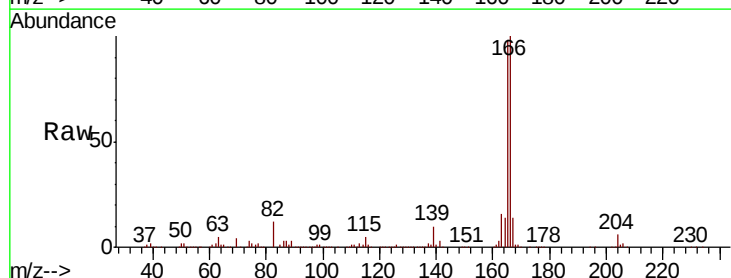


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

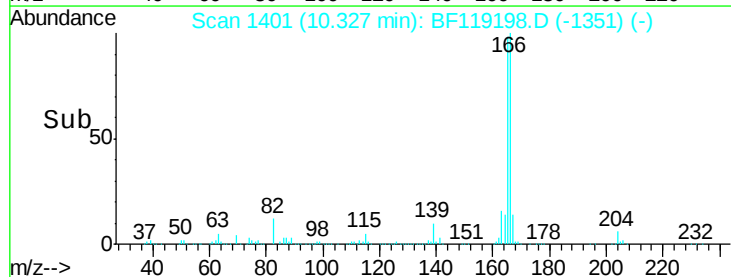
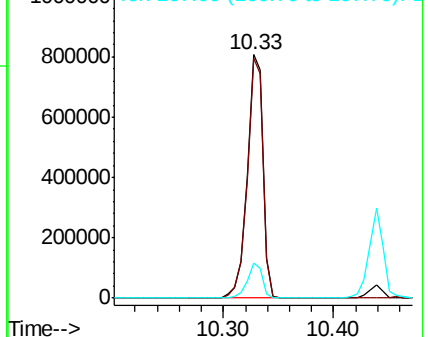


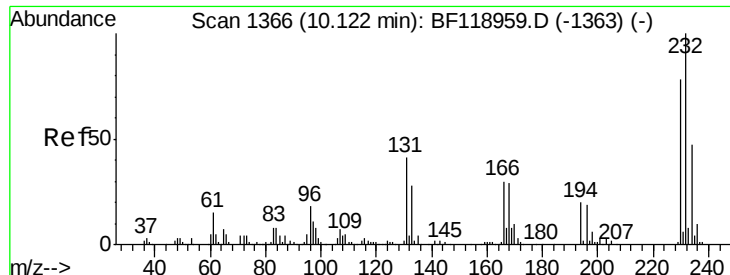
#58
 Fluorene
 Concen: 44.726 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion:	166	Resp:	804693
Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	14.1	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

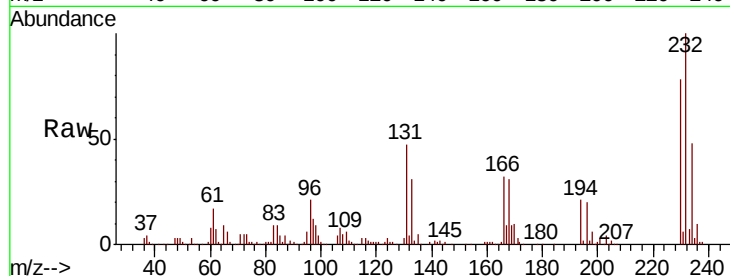




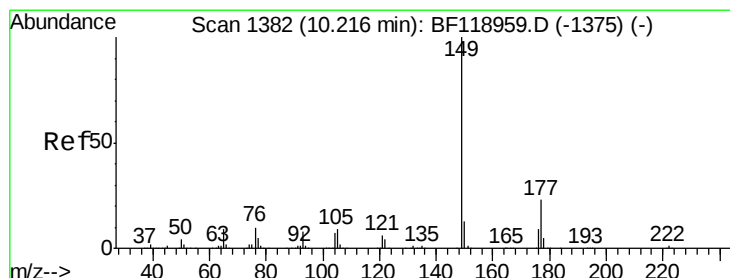
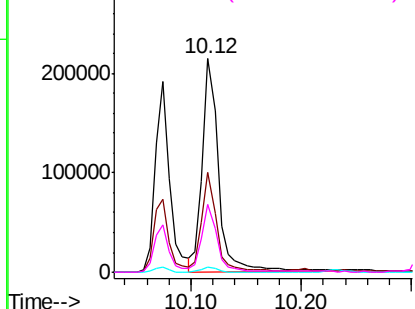
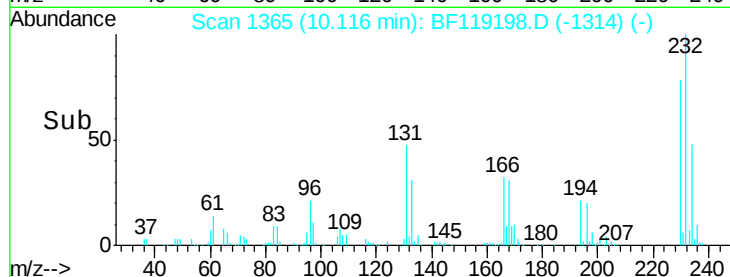
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.916 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 210958
Ion Ratio Lower Upper
232 100
131 42.0 33.8 50.8
130 2.3 1.8 2.6
166 29.2 23.0 34.4

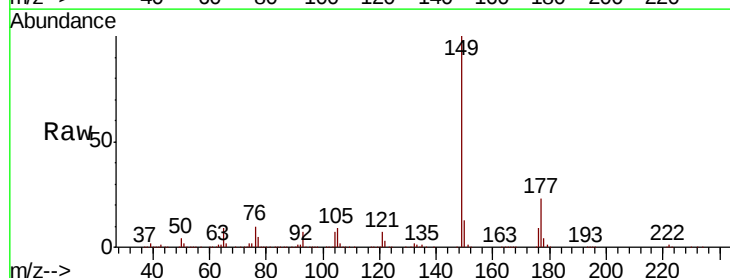


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

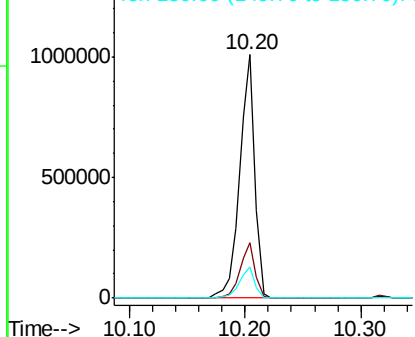
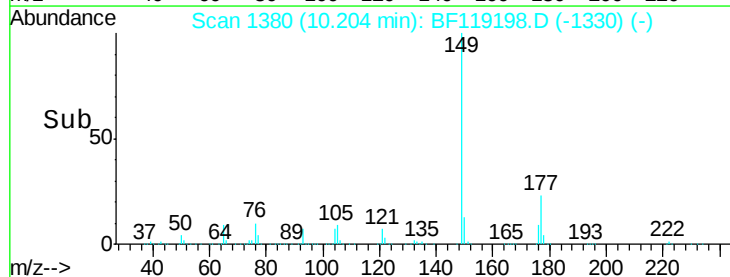


#60
Diethylphthalate
Concen: 46.174 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:149 Resp: 910017
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.7 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

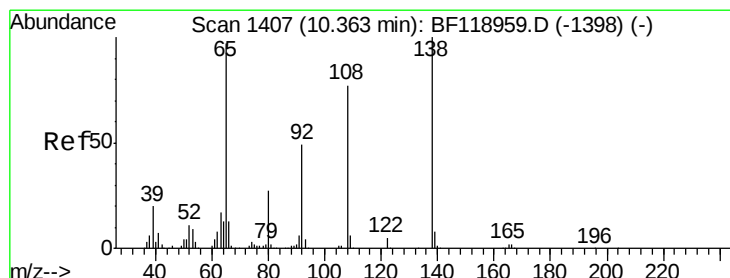
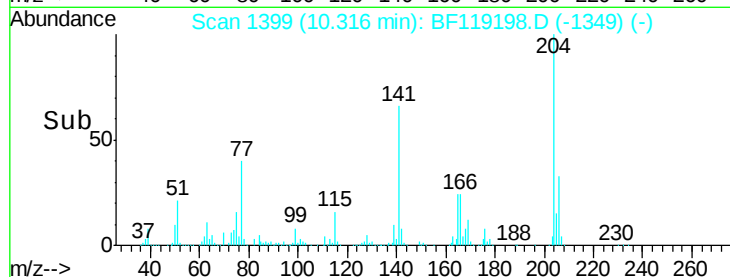
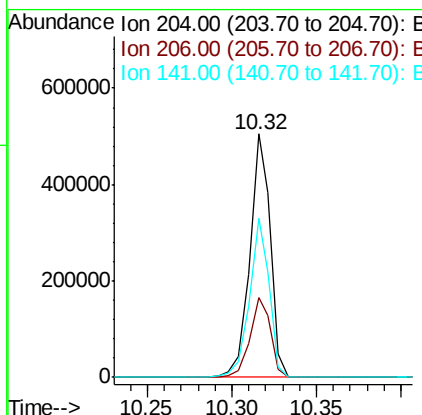
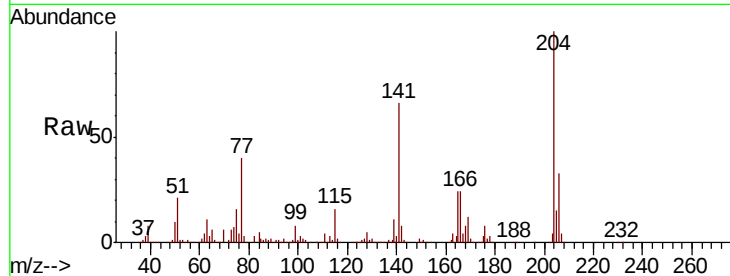




#61
 4-Chlorophenyl-phenylether
 Concen: 45.009 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

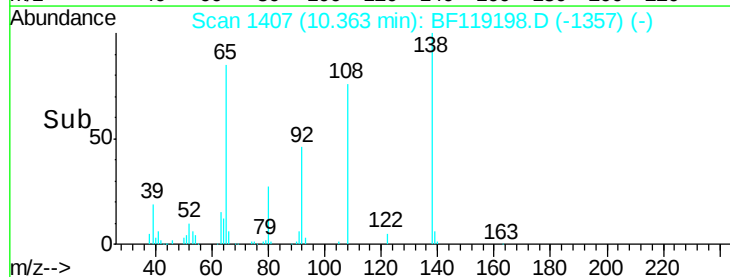
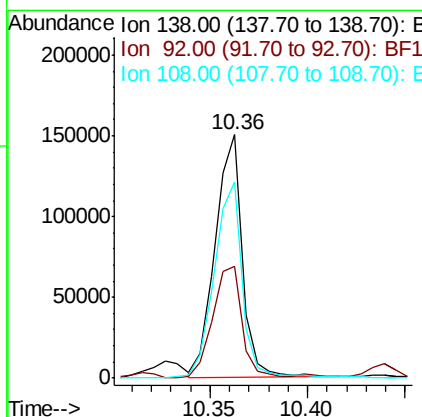
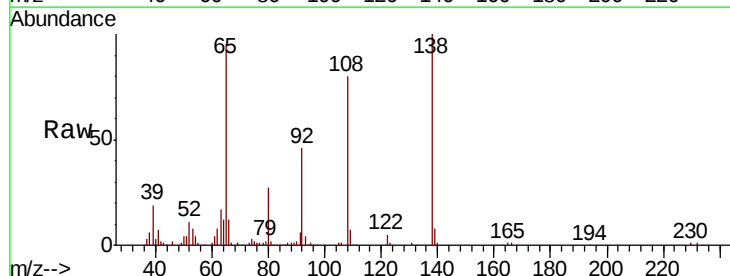
Instrument :
 BNA_F
 ClientSampleId :

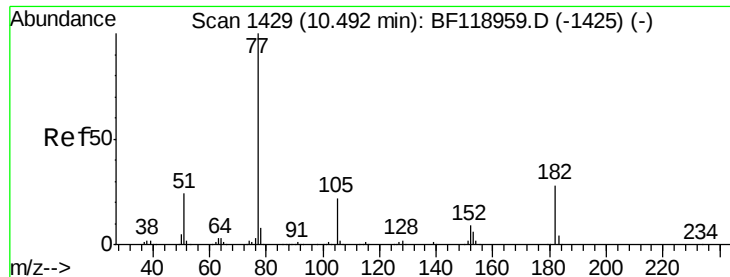
Tot Ion:	204	Resp:	428632
Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.1	40.7
141	65.6	52.9	79.3



#62
 4-Nitroaniline
 Concen: 27.422 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion:	138	Resp:	144515
Ion	Ratio	Lower	Upper
138	100		
92	46.0	27.3	67.3
108	80.4	57.0	97.0

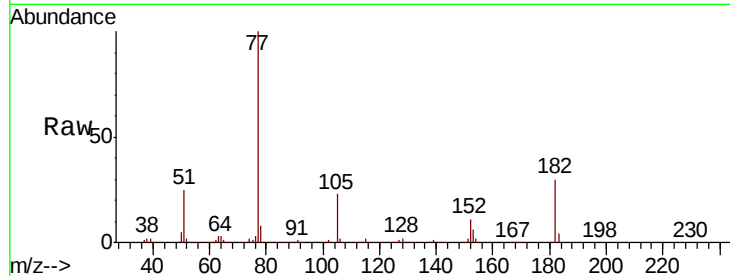




#63
Azobenzene
Concen: 45.145 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.3	11.4	51.4
105	22.9	3.4	43.4
51	24.5	5.1	45.1

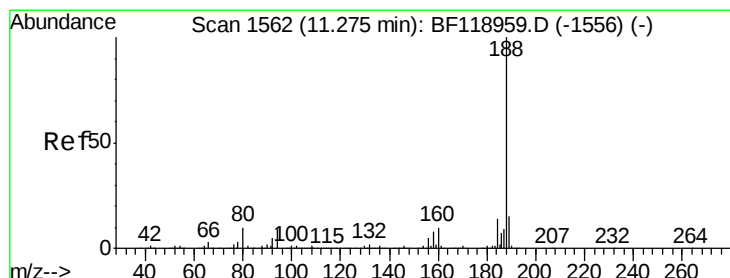
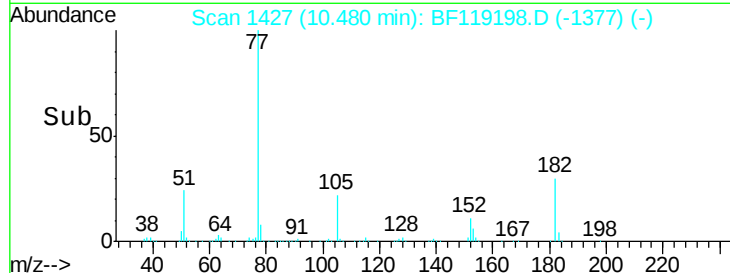
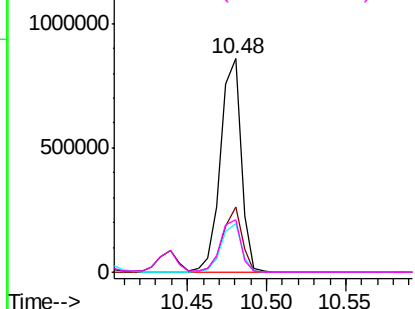


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

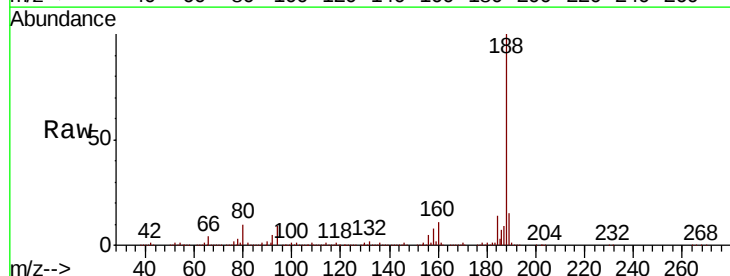
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

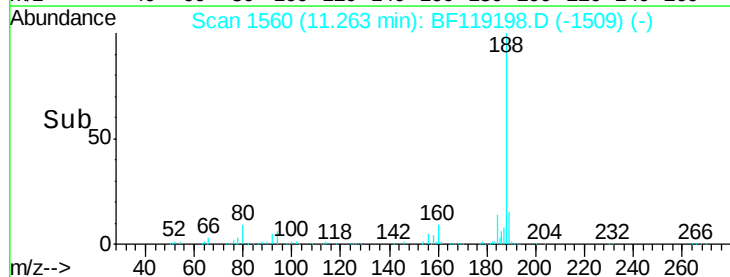
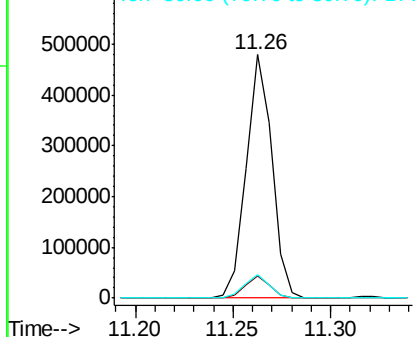
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.7	7.8	11.8

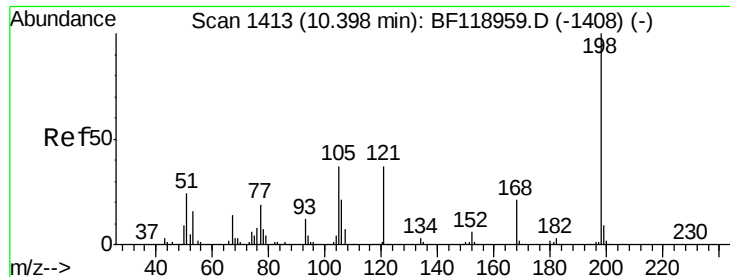


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

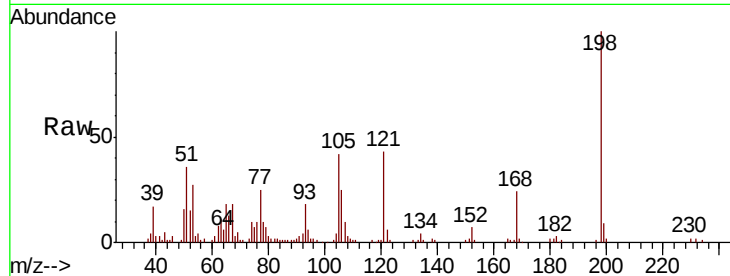




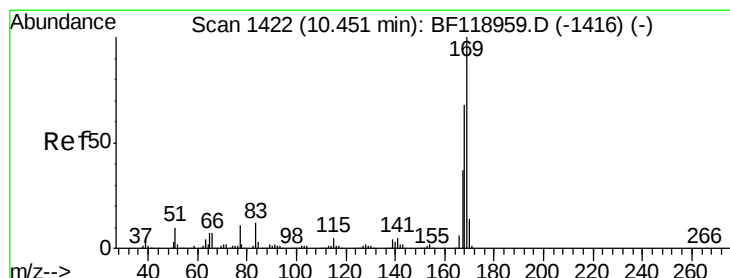
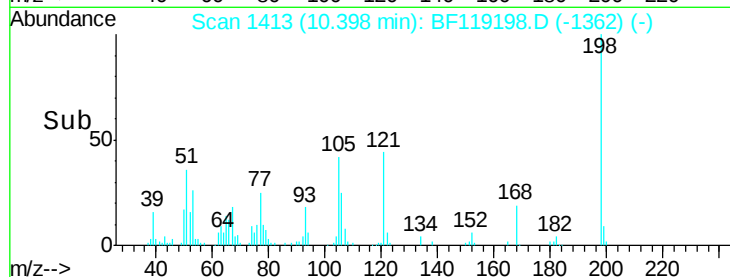
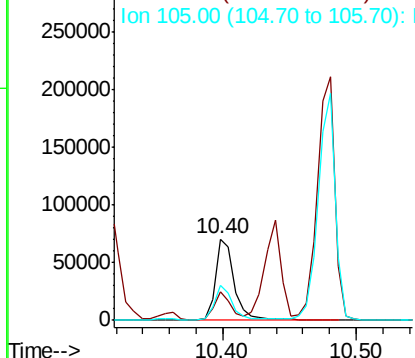
#65
4,6-Dinitro-2-methylphenol
Concen: 26.714 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 70918
Ion Ratio Lower Upper
198 100
51 35.8 14.2 54.2
105 42.3 22.7 62.7

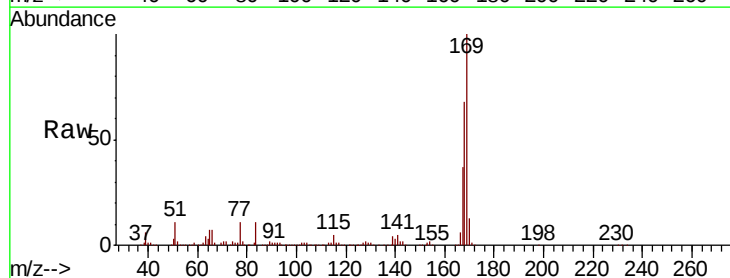


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

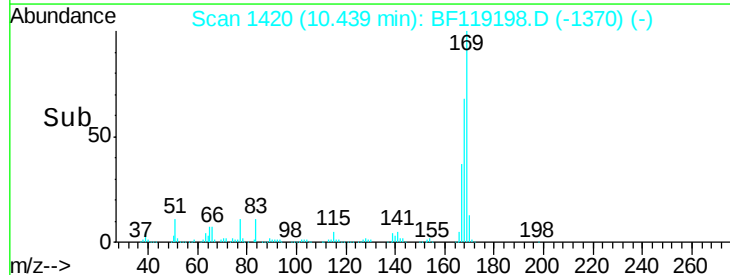
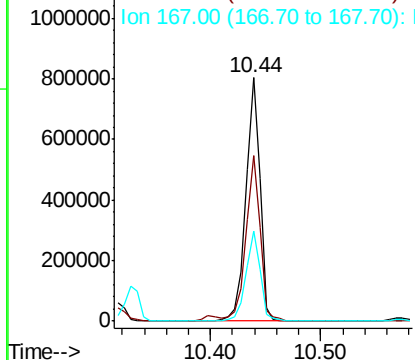


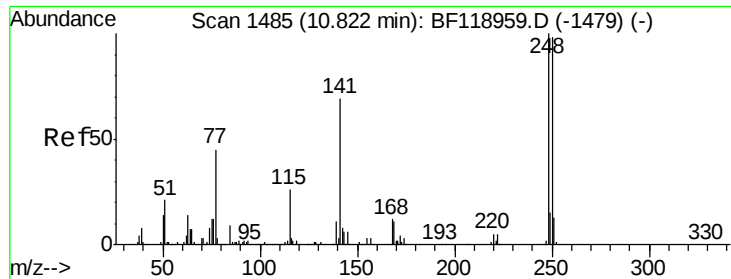
#66
n-Nitrosodiphenylamine
Concen: 50.731 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:169 Resp: 728766
Ion Ratio Lower Upper
169 100
168 67.9 54.1 81.1
167 37.0 29.4 44.0



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

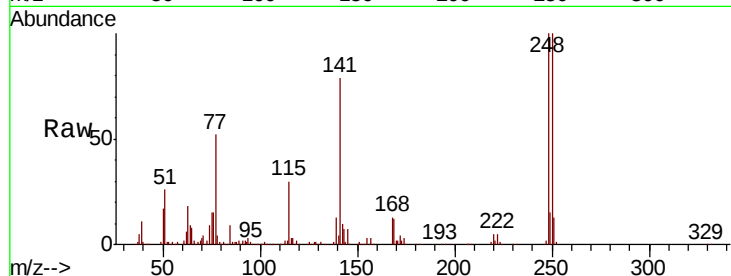




#67
4-Bromophenyl-phenylether
Concen: 46.583 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.7	115.1
141	78.6	60.7	91.1

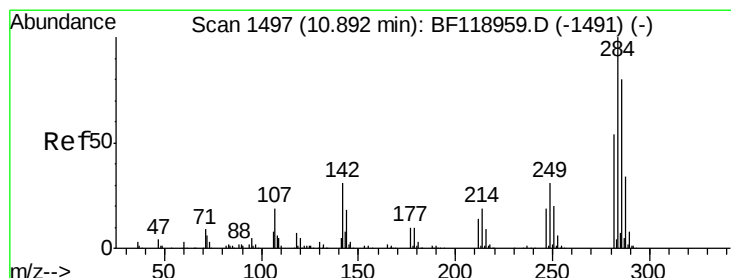
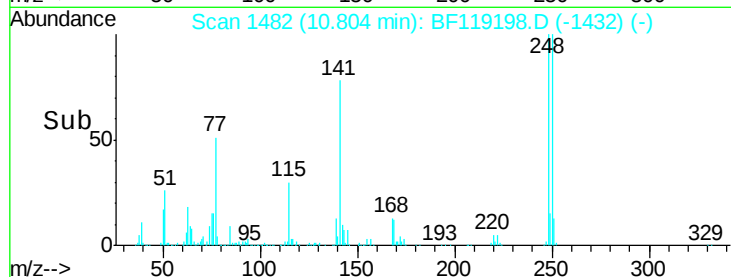
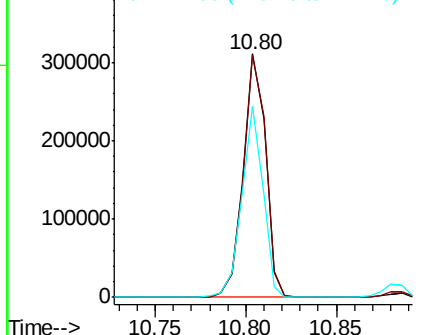


Abundance

Ion 248.00 (247.70 to 248.70): E

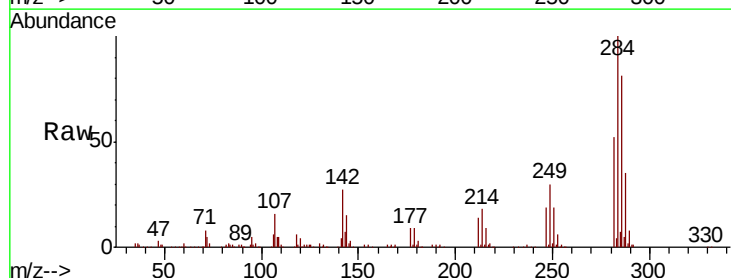
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.015 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	23.7	35.5
249	29.9	25.0	37.6

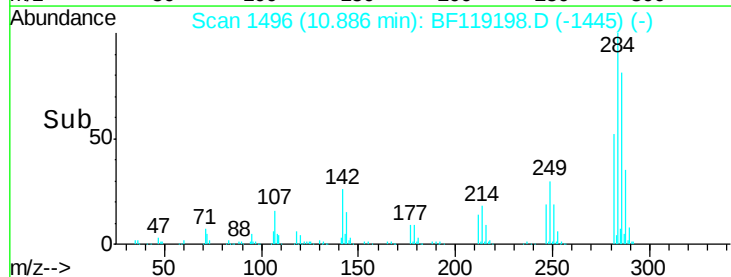
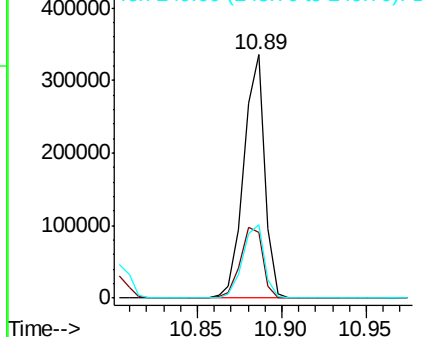


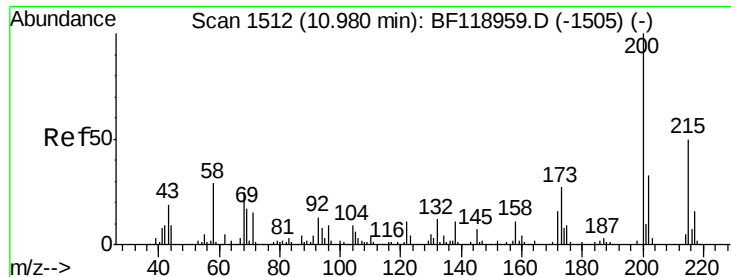
Abundance

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

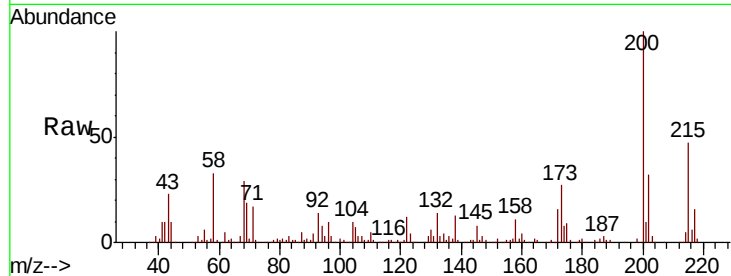




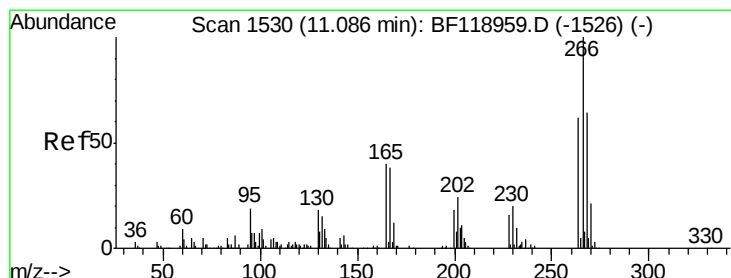
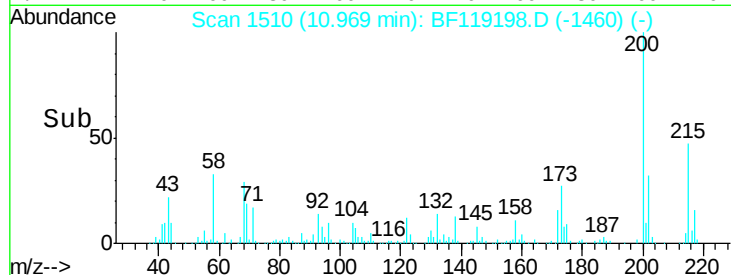
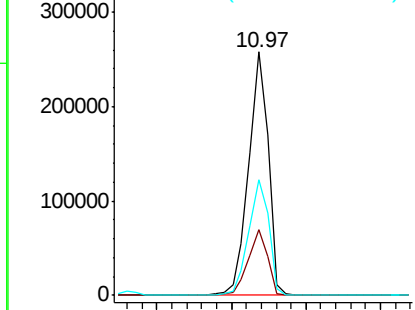
#69
Atrazine
Concen: 46.742 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.4	46.4
215	47.4	27.4	67.4

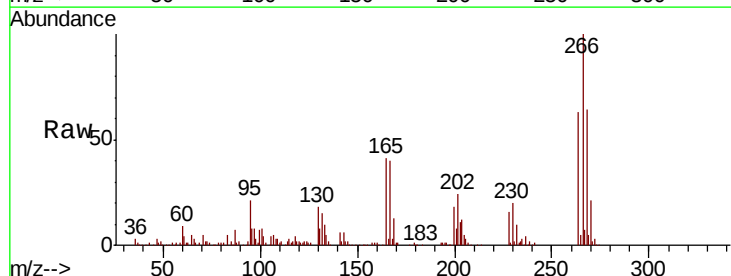


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

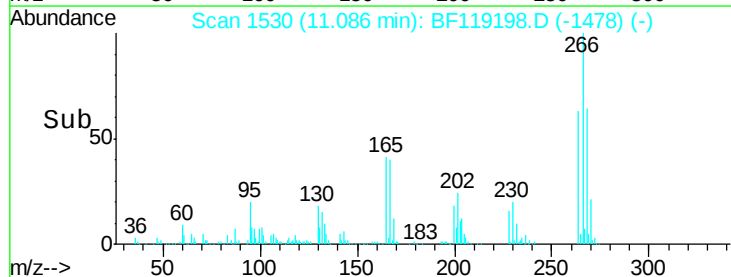
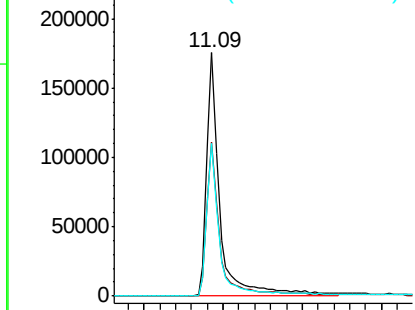


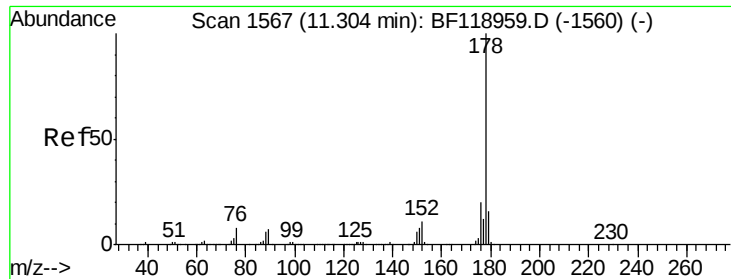
#70
Pentachlorophenol
Concen: 79.206 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.9	77.9
264	62.8	51.0	76.4



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: 44.437 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

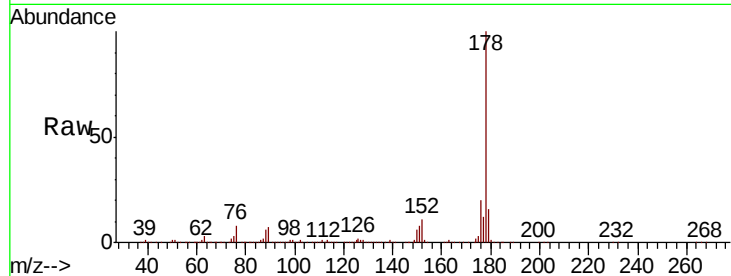
Tot Ion:178 Resp: 1063184

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

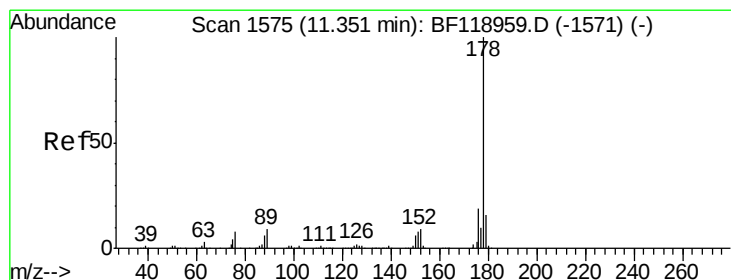
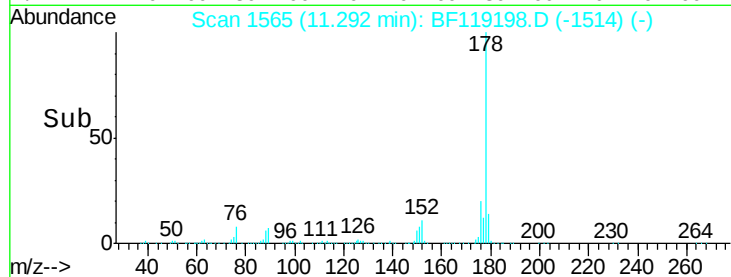
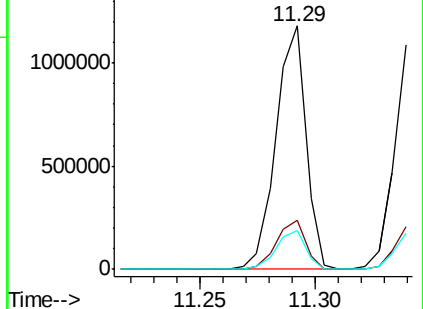
179 15.7 13.0 19.6



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: 46.615 ng

RT: 11.34 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

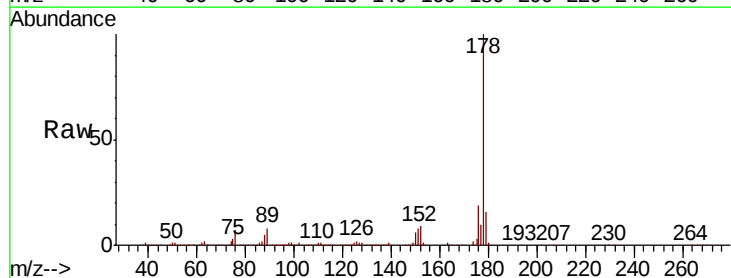
Tgt Ion:178 Resp: 1114357

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

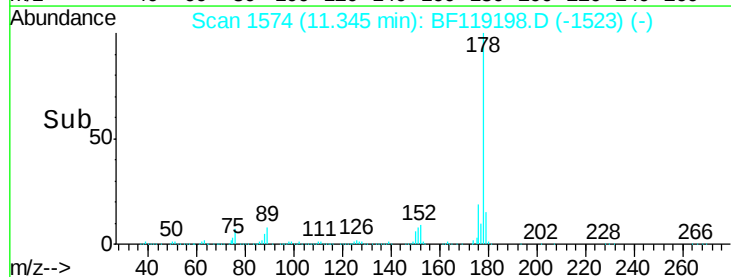
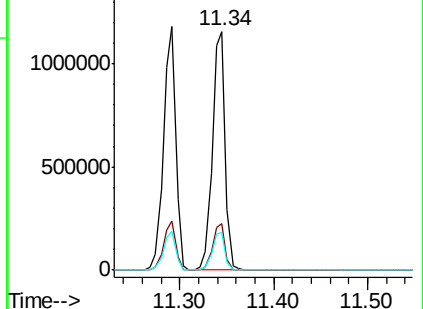
179 15.5 13.1 19.7



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

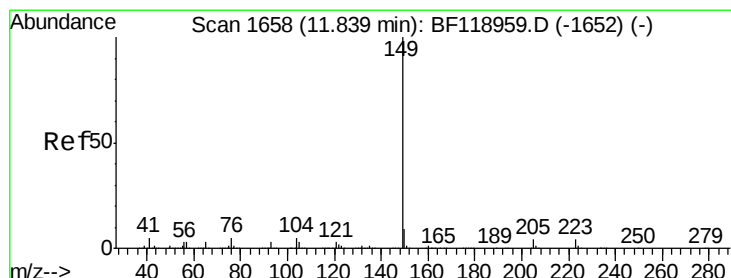
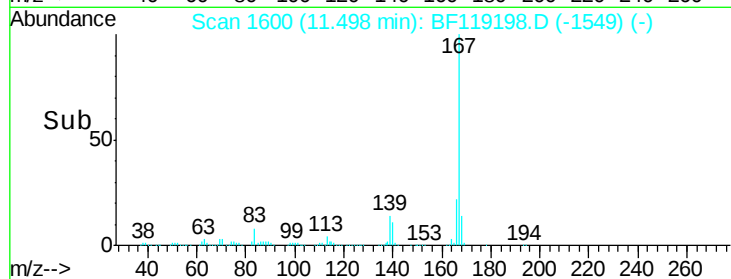
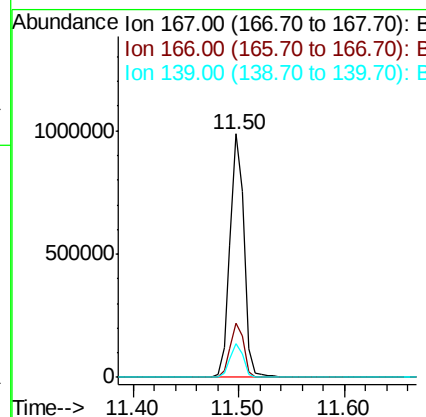
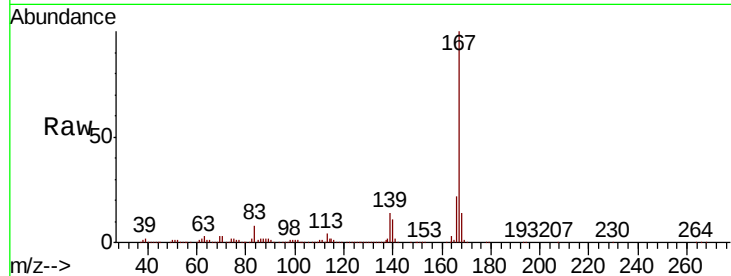




#73
 Carbazole
 Concen: 42.759 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

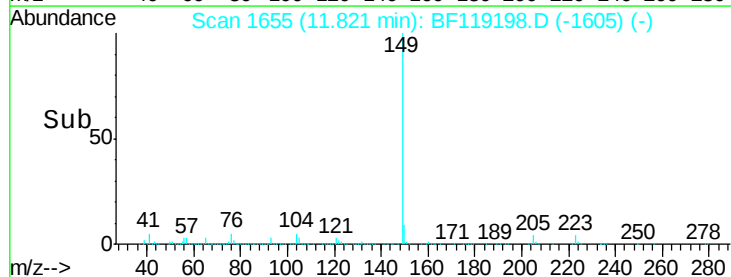
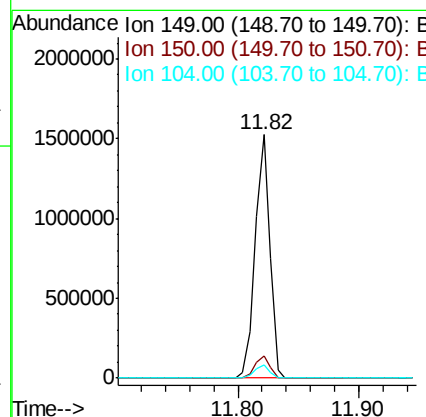
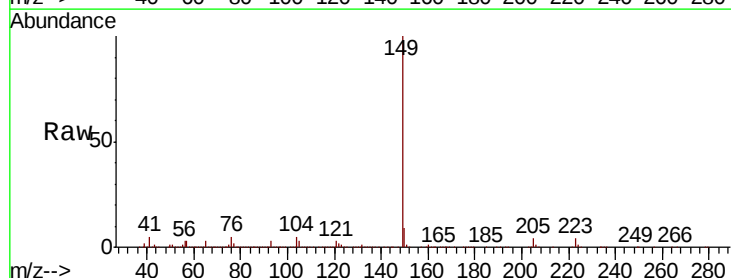
Instrument :
 BNA_F
 ClientSampleId :

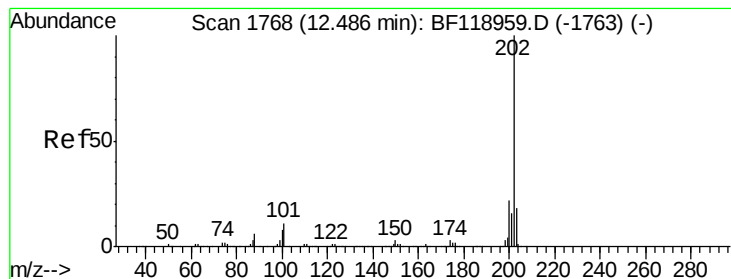
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	14.1	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 50.510 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.9	11.9
104	5.2	4.6	6.8





#75

Fluoranthene

Concen: 37.683 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

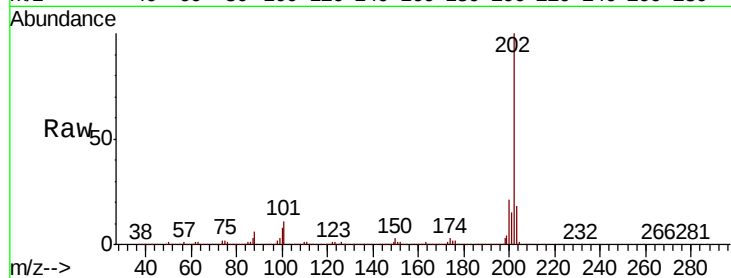
Tot Ion:202 Resp: 957010

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

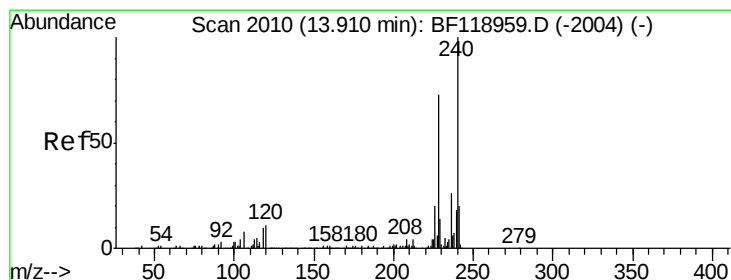
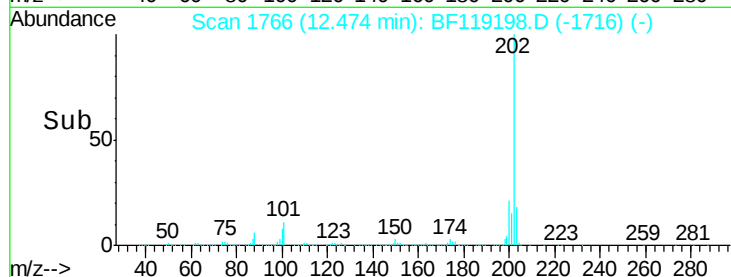
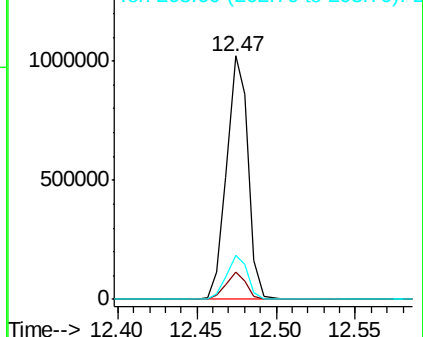
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

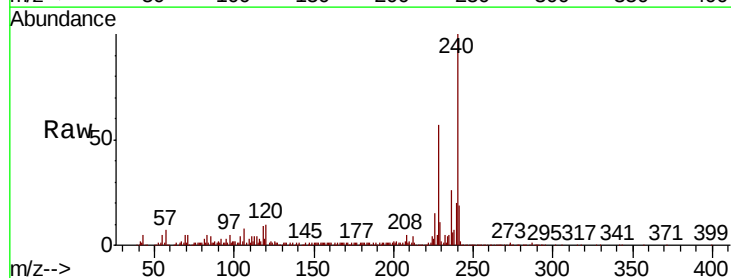
Tgt Ion:240 Resp: 232521

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

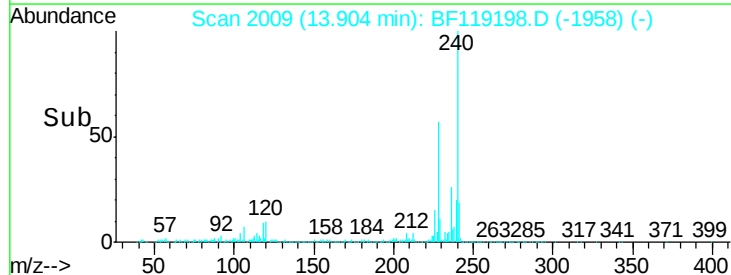
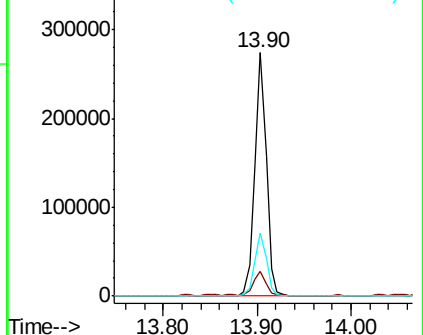
236 26.2 21.0 31.4

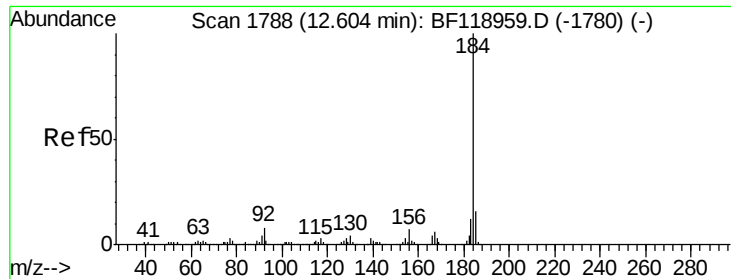


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

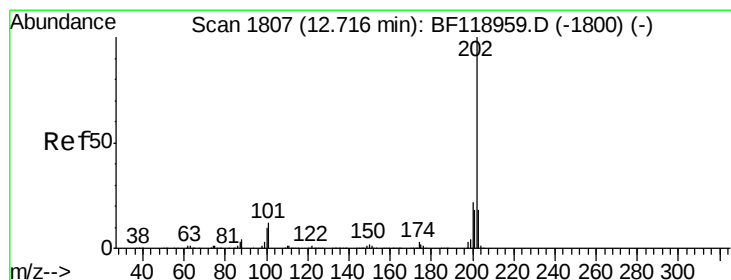
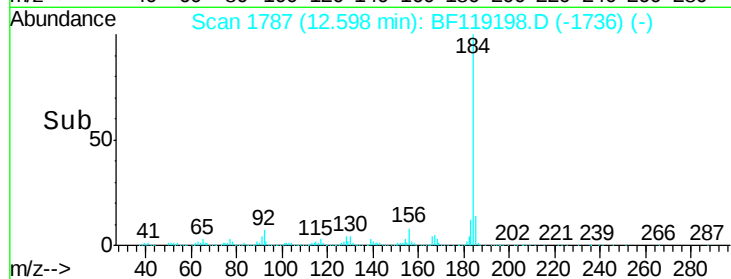
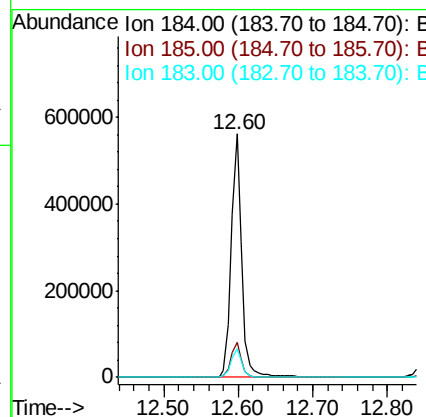
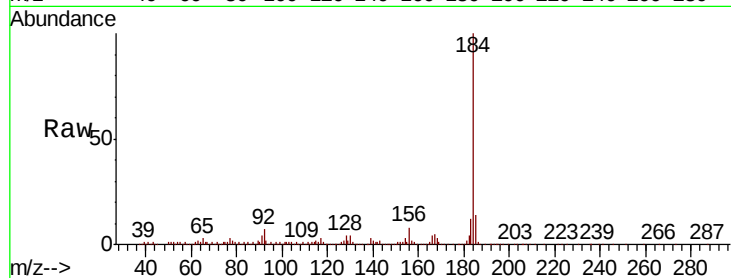




#77
Benzidine
Concen: 59.055 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

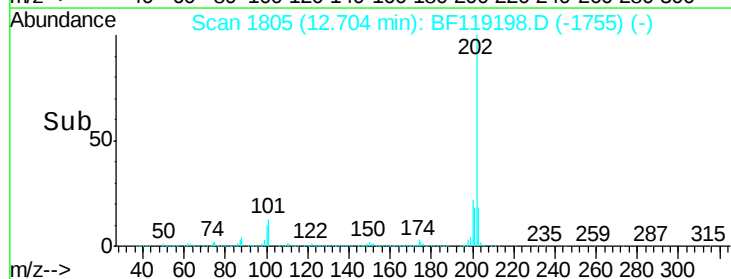
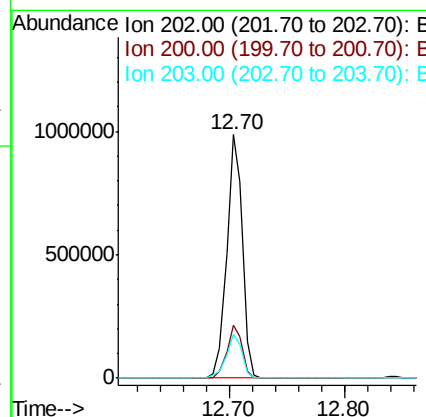
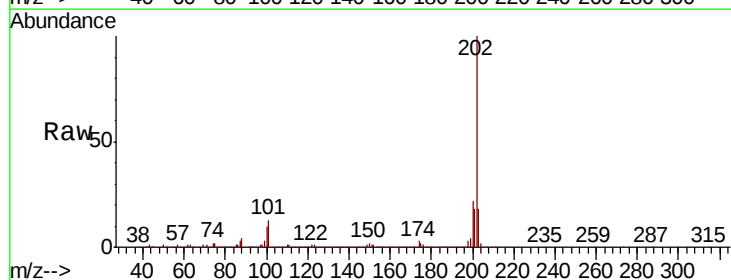
Instrument :
BNA_F
ClientSampleId :

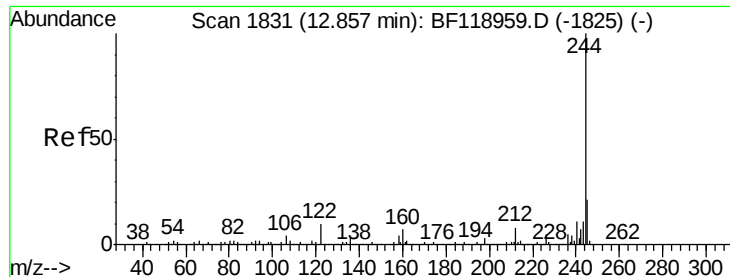
Tot Ion:184 Resp: 558450
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.4
183 12.0 9.9 14.9



#78
Pyrene
Concen: 49.119 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:202 Resp: 917110
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 97.474 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

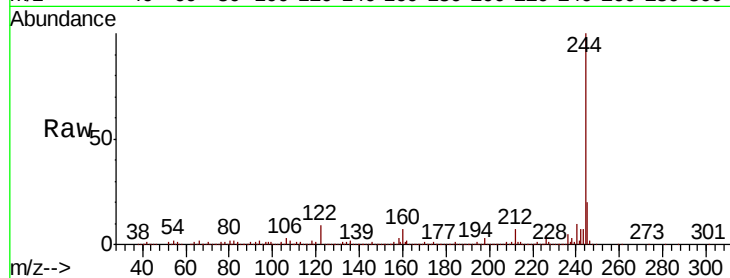
Tot Ion:244 Resp: 1316435

Ion Ratio Lower Upper

244 100

212 7.1 6.6 10.0

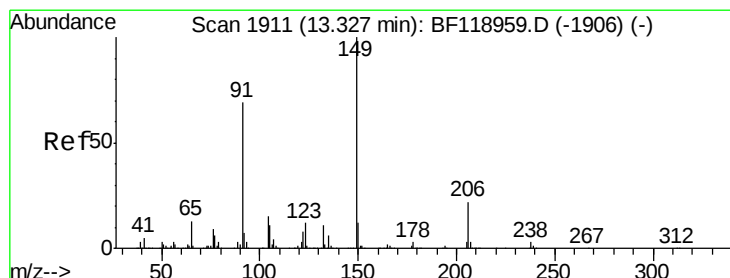
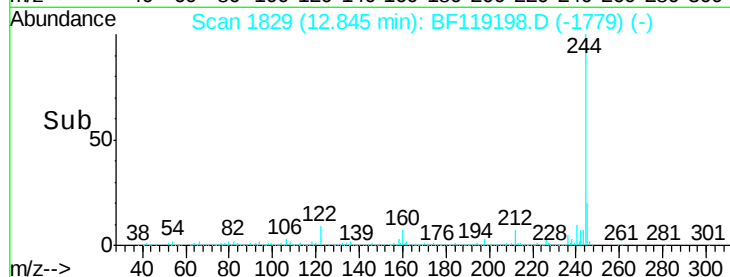
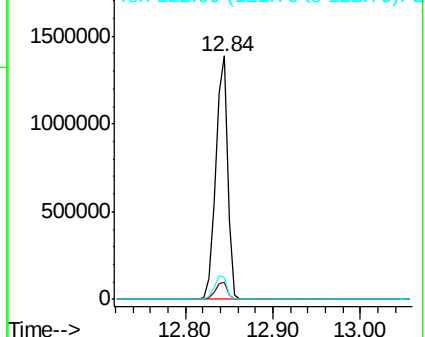
122 8.9 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.295 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

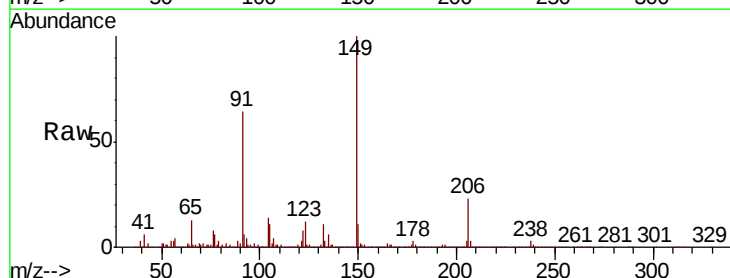
Tgt Ion:149 Resp: 418804

Ion Ratio Lower Upper

149 100

91 64.3 52.3 78.5

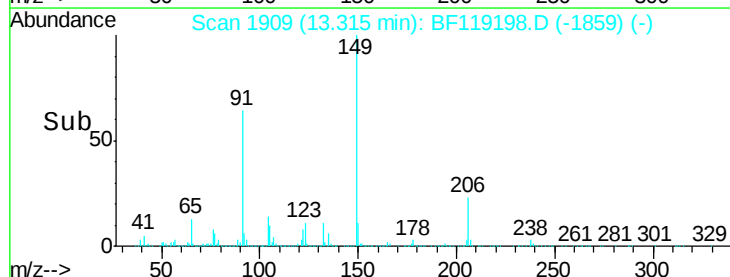
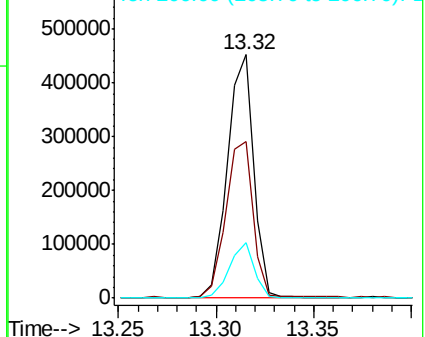
206 22.6 18.5 27.7

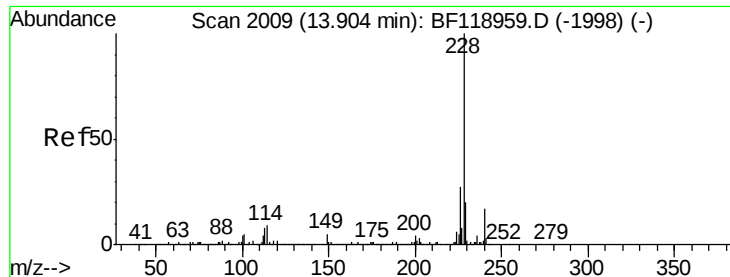


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.107 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

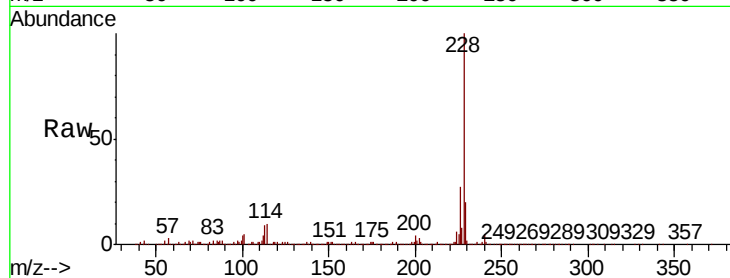
Tot Ion:228 Resp: 746319

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	16.6	24.8

228 100

226 27.1 22.6 33.8

229 19.5 16.6 24.8

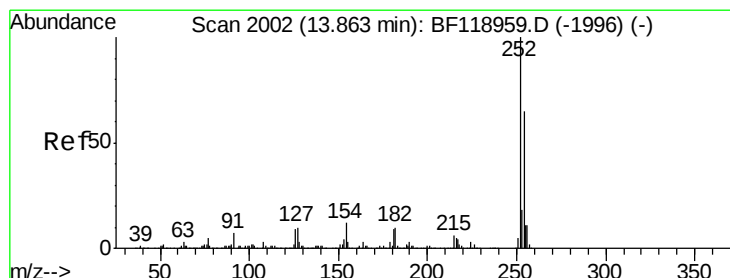
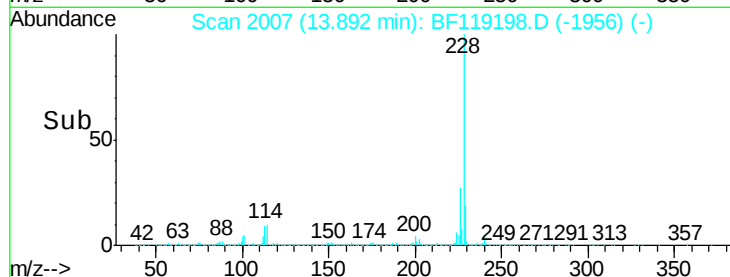
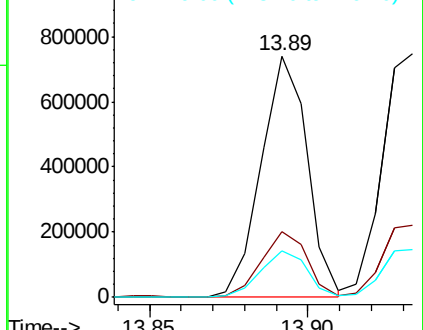


Abundance

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: 42.149 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

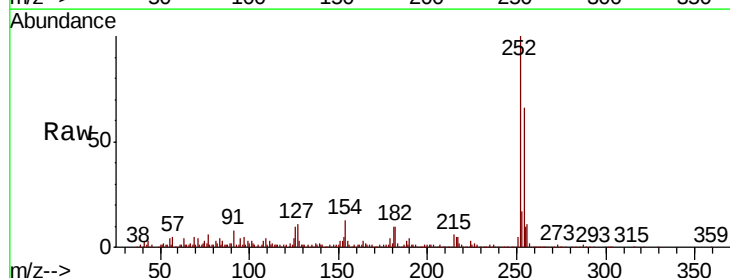
Tgt Ion:252 Resp: 259300

Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.6	77.4
126	10.0	7.4	11.0

252 100

254 66.2 51.6 77.4

126 10.0 7.4 11.0

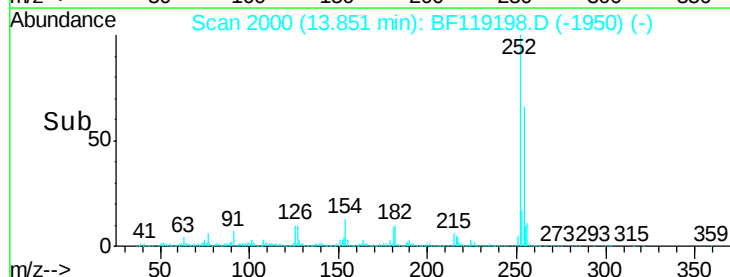
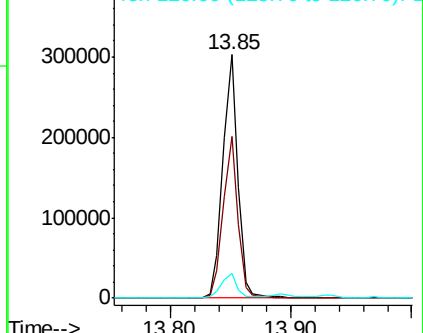


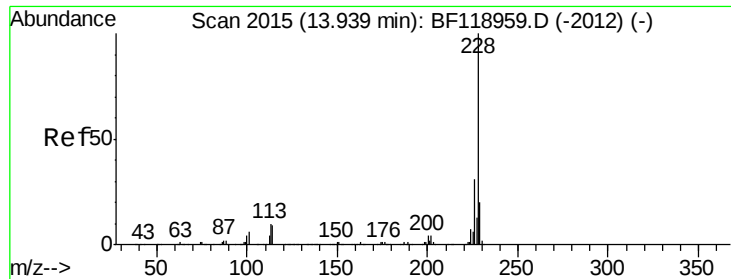
Abundance

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

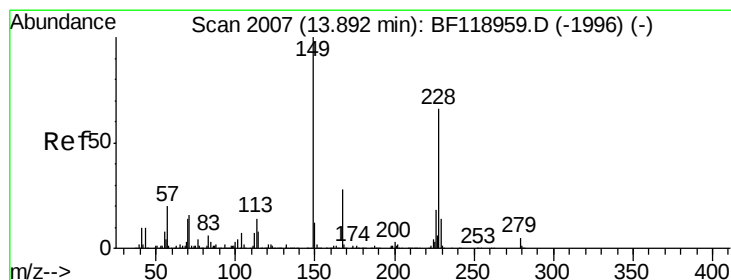
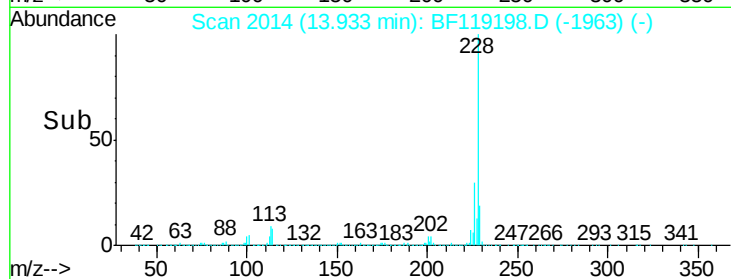
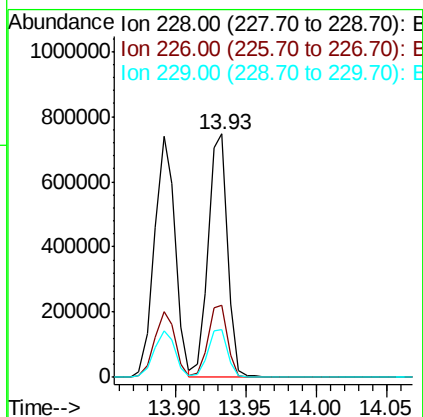
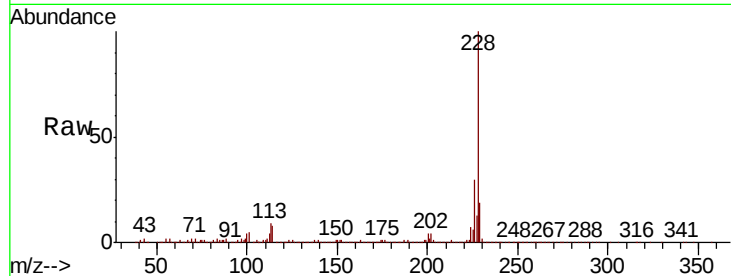




#83
 Chrvsene
 Concen: 44.790 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

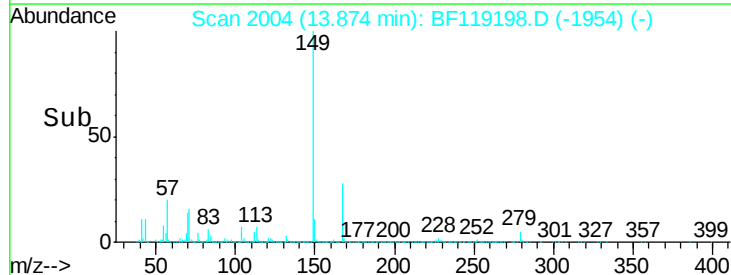
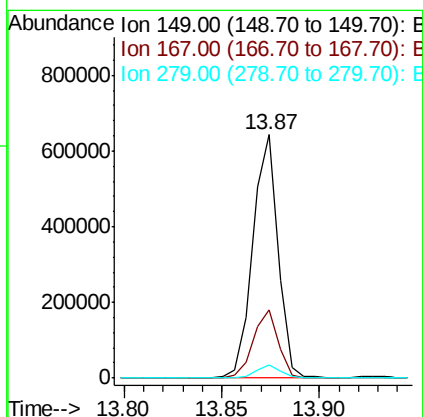
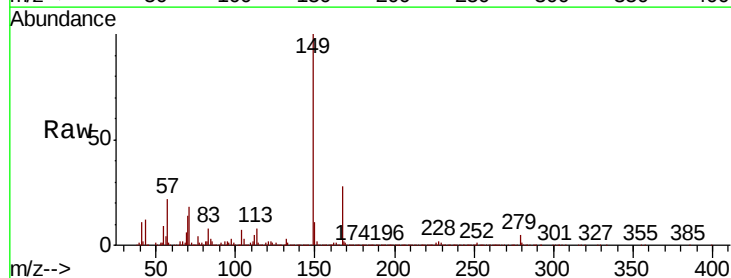
Instrument :
 BNA_F
 ClientSampleId :

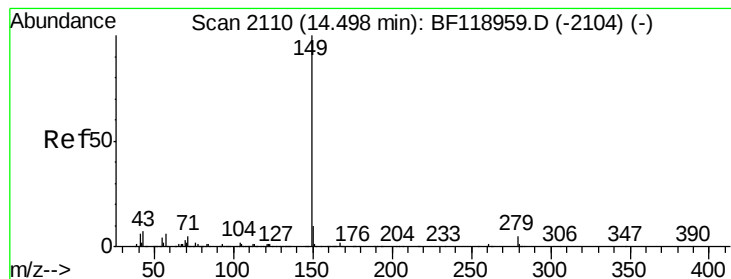
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.1	37.7
229	19.5	16.3	24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.342 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF119198.D
 Acq: 4 Mar 2020 16:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	5.2	4.6	6.8





#85

Di-n-octyl phthalate

Concen: 54.515 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

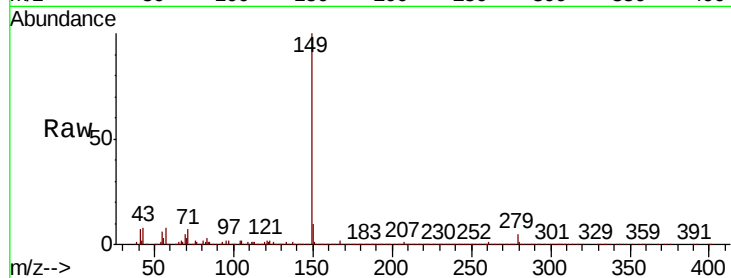
Tot Ion:149 Resp: 862312

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

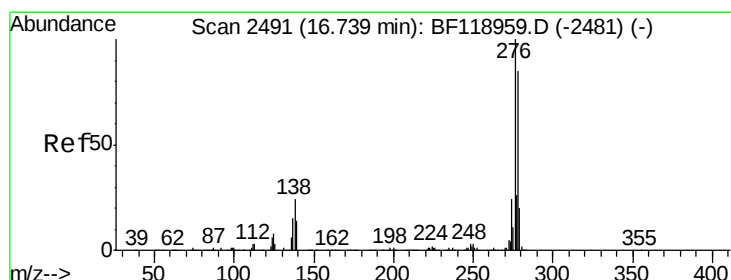
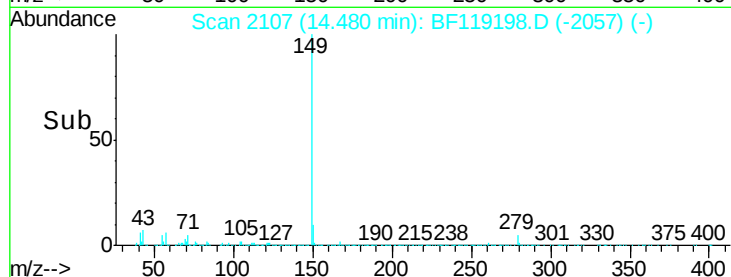
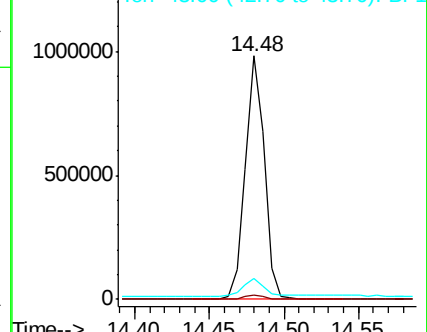
43 7.6 5.7 8.5



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: 52.064 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

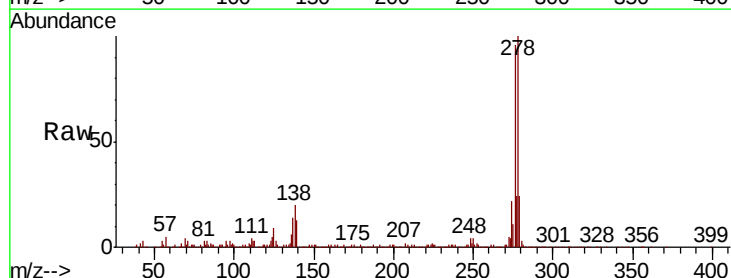
Tgt Ion:276 Resp: 795830

Ion Ratio Lower Upper

276 100

138 20.7 17.4 26.0

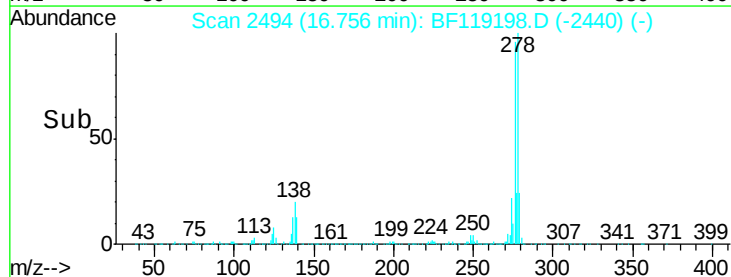
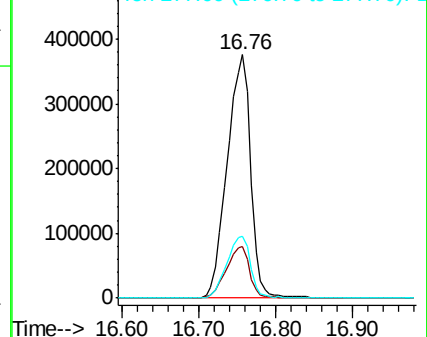
277 25.6 20.3 30.5

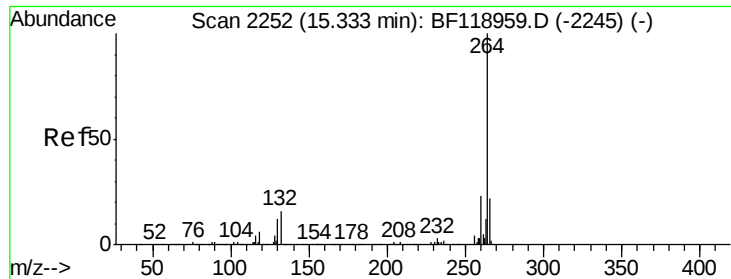


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



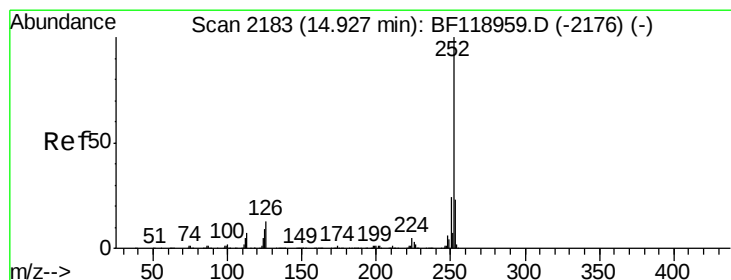
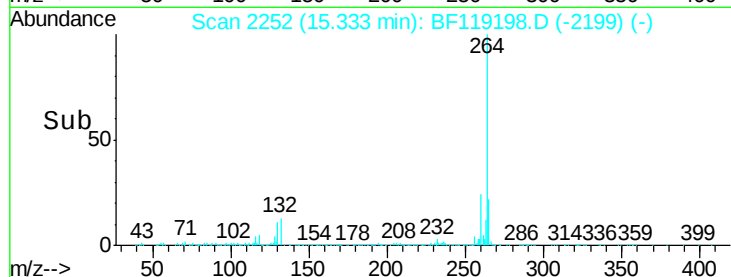
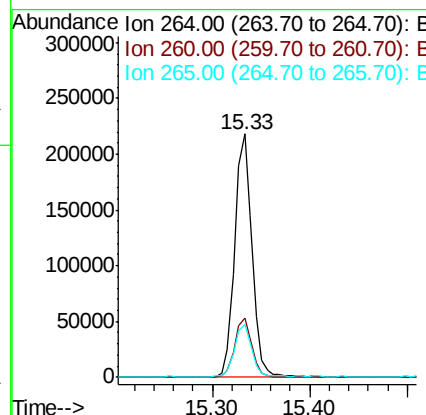
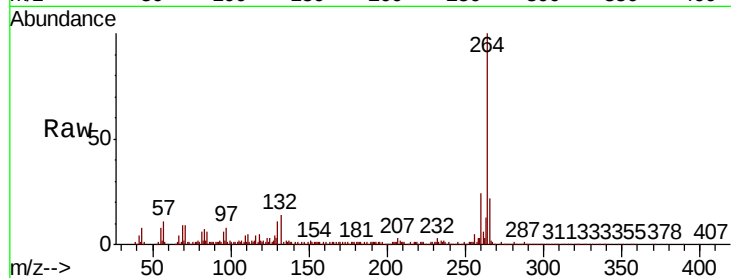


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 266291

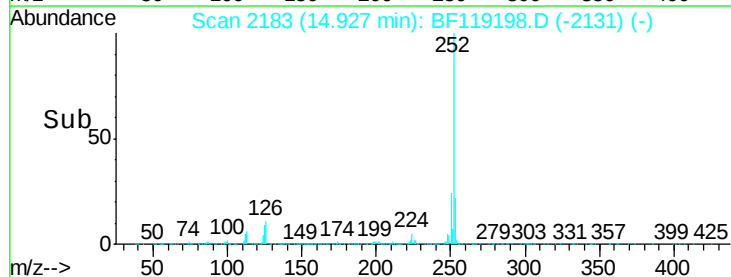
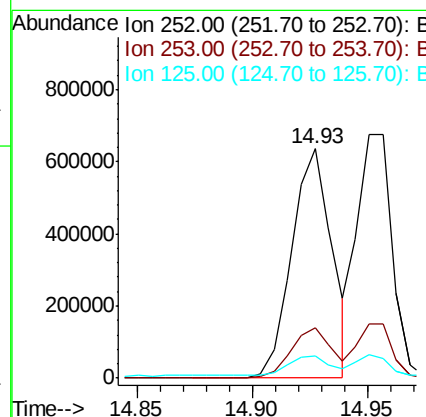
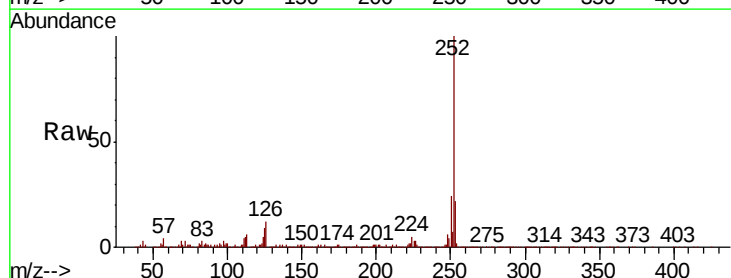
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.0	17.7	26.5

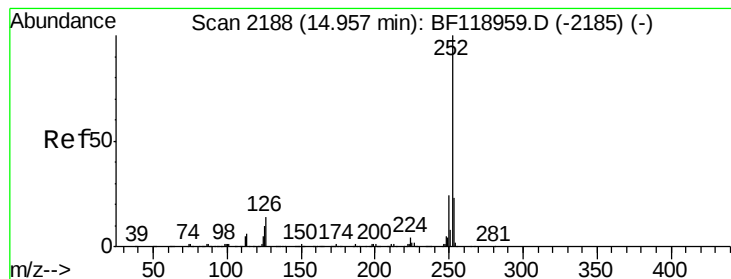


#88
Benzo(b)fluoranthene
Concen: 43.605 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF119198.D
Acq: 4 Mar 2020 16:53

Tgt Ion:252 Resp: 765370

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.5	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 44.060 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampleId :

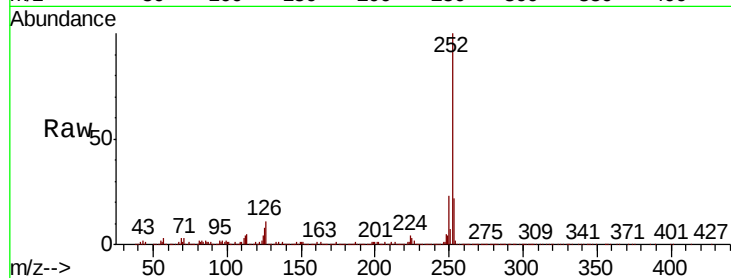
Tot Ion:252 Resp: 716683

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

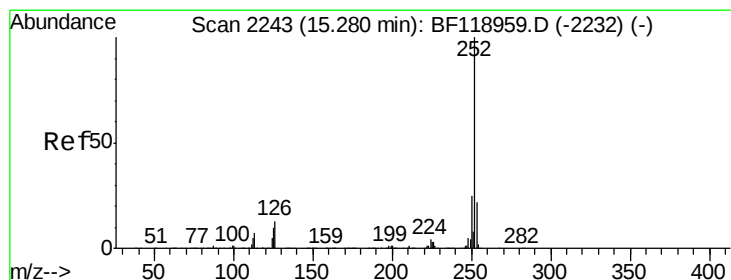
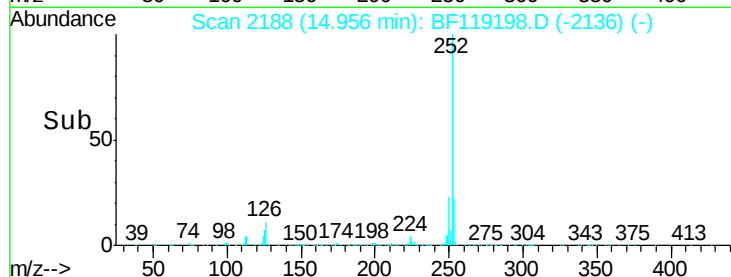
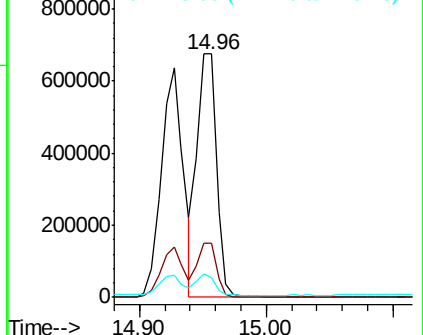
125 8.2 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.637 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

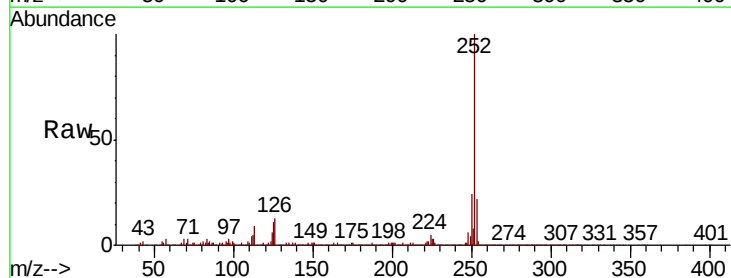
Tgt Ion:252 Resp: 691269

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

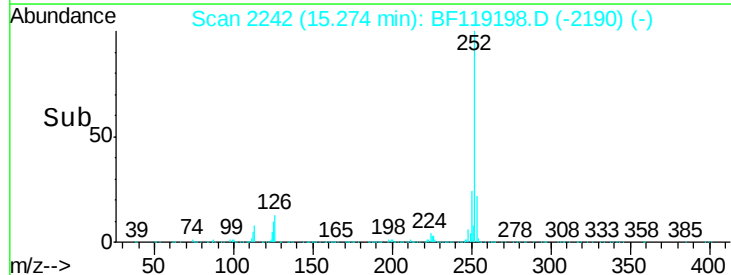
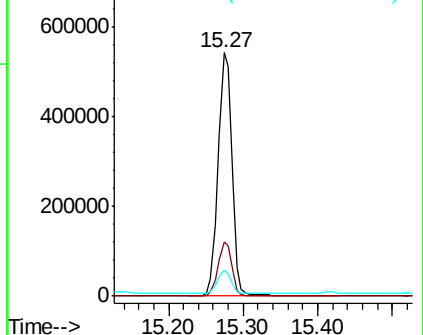
125 10.6 8.6 12.8

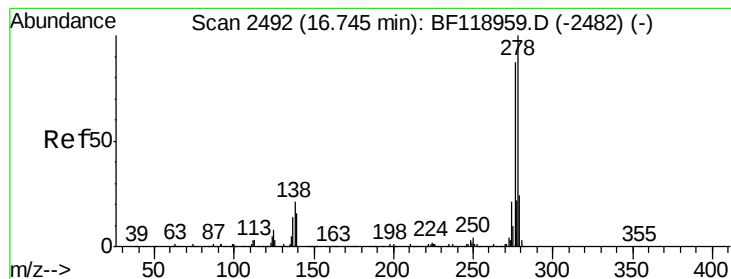


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.734 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.01 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

Instrument :

BNA_F

ClientSampled :

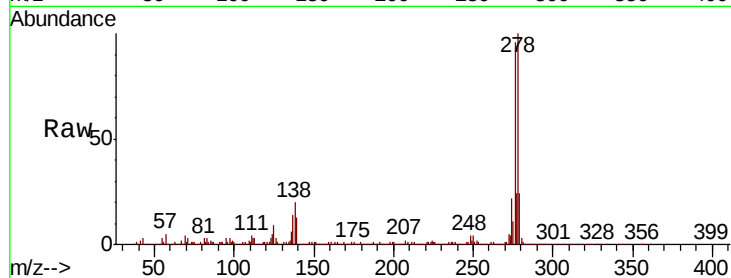
Tot Ion:278 Resp: 679290

Ion Ratio Lower Upper

278 100

139 13.4 11.0 16.4

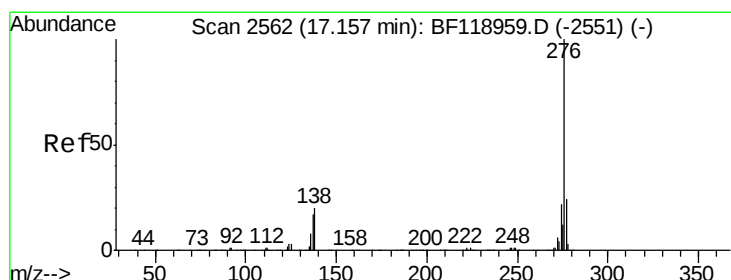
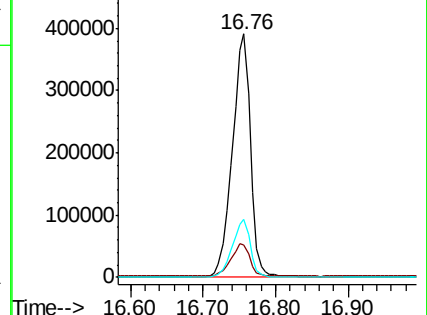
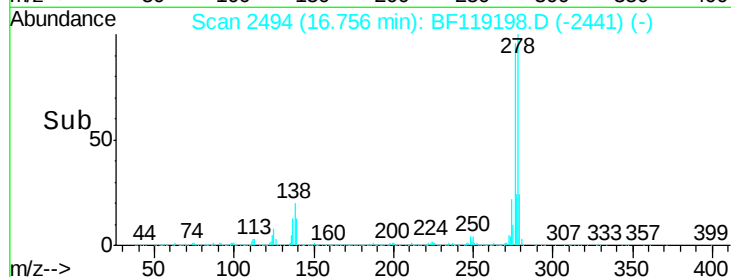
279 23.8 18.6 28.0



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: 45.061 ng

RT: 17.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BF119198.D

Acq: 4 Mar 2020 16:53

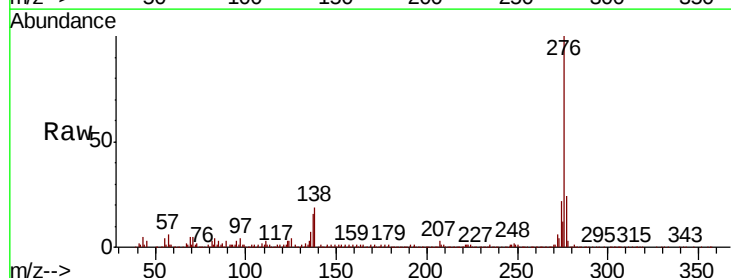
Tgt Ion:276 Resp: 620593

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 18.5 14.3 21.5



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

