

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119193.D
 Acq On : 4 Mar 2020 14:26
 Operator : CG/JU
 Sample : L1762-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 16:25:48 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	143761	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	542422	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	290526	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	470035	20.00	ng	0.00
76) Chrysene-d12	13.90	240	260232	20.00	ng	0.00
87) Perylene-d12	15.33	264	304384	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	895942	104.15	ng	0.00
7) Phenol-d6	6.40	99	1074847	102.74	ng	0.00
23) Nitrobenzene-d5	7.31	82	729634	71.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	345775	90.98	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1418341	71.92	ng	-0.01
79) Terphenyl-d14	12.84	244	1326493	87.76	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.50	88	135109	35.276	ng	97
3) Pyridine	3.23	79	341459	32.644	ng	97
4) n-Nitrosodimethylamine	3.17	42	140084	44.209	ng	92
6) Aniline	6.40	93	328171	25.421	ng	97
8) 2-Chlorophenol	6.53	128	438445	47.228	ng	99
9) Benzaldehyde	6.29	77	336954	48.206	ng	98
10) Phenol	6.41	94	500625	44.259	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	395259	45.669	ng	97
12) 1,3-Dichlorobenzene	6.68	146	472416	42.457	ng	97
13) 1,4-Dichlorobenzene	6.76	146	484551	43.518	ng	99
14) 1,2-Dichlorobenzene	6.91	146	444074	43.730	ng	99
15) Benzyl Alcohol	6.89	79	363784	48.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.02	45	320469	42.745	ng	# 30
17) 2-Methylphenol	7.02	107	345234	45.868	ng	94
18) Hexachloroethane	7.25	117	172165	43.219	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	291655	47.842	ng	97
20) 3+4-Methylphenols	7.17	107	446472	48.418	ng	# 88
22) Acetophenone	7.16	105	582776	46.435	ng	# 96
24) Nitrobenzene	7.33	77	444285	43.733	ng	99
25) Isophorone	7.57	82	804176	45.074	ng	100
26) 2-Nitrophenol	7.65	139	242234	45.002	ng	98
27) 2,4-Dimethylphenol	7.69	122	371013	50.786	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	492413	42.402	ng	99
29) 2,4-Dichlorophenol	7.89	162	373093	43.382	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	421016	41.289	ng	98
31) Naphthalene	8.05	128	1225365	43.559	ng	99
32) Benzoic acid	7.85	122	202634	39.404	ng	99
33) 4-Chloroaniline	8.10	127	158500	13.100	ng	97
34) Hexachlorobutadiene	8.16	225	258944	40.769	ng	98
35) Caprolactam	8.48	113	73951	27.926	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	389934	44.800	ng	97
37) 2-Methylnaphthalene	8.74	142	841248	44.437	ng	99
38) 1-Methylnaphthalene	8.83	142	783495	44.007	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	417817	42.655	ng	100

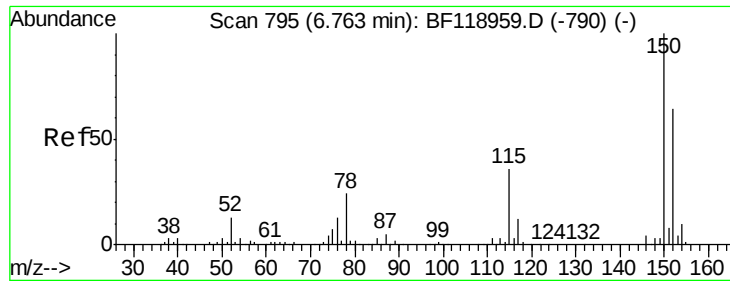
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	159053	48.765	ng	98
43) 2,4,6-Trichlorophenol	9.03	196	263642	42.621	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	272863	42.037	ng	98
46) 1,1'-Biphenyl	9.20	154	1008538	42.952	ng	98
47) 2-Chloronaphthalene	9.23	162	786791	41.581	ng	99
48) 2-Nitroaniline	9.33	65	222578	42.174	ng	99
49) Acenaphthylene	9.64	152	1187913	43.468	ng	99
50) Dimethylphthalate	9.50	163	1172257	52.767	ng	100
51) 2,6-Dinitrotoluene	9.57	165	212112	42.975	ng	# 80
52) Acenaphthene	9.81	154	704937	42.779	ng	99
53) 3-Nitroaniline	9.74	138	110728	20.236	ng	98
54) 2,4-Dinitrophenol	9.86	184	149272	63.887	ng	# 90
55) Dibenzofuran	9.99	168	1034797	42.072	ng	97
56) 4-Nitrophenol	9.93	139	192193	58.460	ng	89
57) 2,4-Dinitrotoluene	9.98	165	260416	40.705	ng	92
58) Fluorene	10.33	166	824882	43.159	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	215576	39.360	ng	99
60) Diethylphthalate	10.20	149	940679	44.931	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	433176	42.818	ng	98
62) 4-Nitroaniline	10.36	138	179670	32.094	ng	95
63) Azobenzene	10.47	77	801574	44.048	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	125638	44.173	ng	97
66) n-Nitrosodiphenylamine	10.44	169	748966	48.664	ng	100
67) 4-Bromophenyl-phenylether	10.80	248	276839	45.059	ng	96
68) Hexachlorobenzene	10.88	284	302289	42.674	ng	97
69) Atrazine	10.97	200	243776	45.334	ng	98
70) Pentachlorophenol	11.08	266	210752	73.858	ng	99
71) Phenanthrene	11.29	178	1196393	46.673	ng	99
72) Anthracene	11.34	178	1177932	45.991	ng	99
73) Carbazole	11.49	167	954540	41.834	ng	99
74) Di-n-butylphthalate	11.82	149	1323055	47.882	ng	98
75) Fluoranthene	12.47	202	1150651	42.289	ng	99
77) Benzidine	12.59	184	473642	44.753	ng	98
78) Pyrene	12.70	202	1106888	52.970	ng	98
80) Butylbenzylphthalate	13.31	149	443902	50.474	ng	96
81) Benzo(a)anthracene	13.89	228	852244	48.064	ng	99
82) 3,3'-Dichlorobenzidine	13.84	252	241879	35.131	ng	# 99
83) Chrysene	13.93	228	800412	45.303	ng	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	615757	55.420	ng	100
85) Di-n-octyl phthalate	14.48	149	947990	53.550	ng	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	945965	55.296	ng	100
88) Benzo(b)fluoranthene	14.92	252	939269	46.815	ng	99
89) Benzo(k)fluoranthene	14.95	252	719688	38.707	ng	100
90) Benzo(a)pyrene	15.27	252	791786	43.727	ng	99
91) Dibenzo(a,h)anthracene	16.75	278	781700	49.063	ng	99
92) Benzo(g,h,i)perylene	17.17	276	766028	48.661	ng	99

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

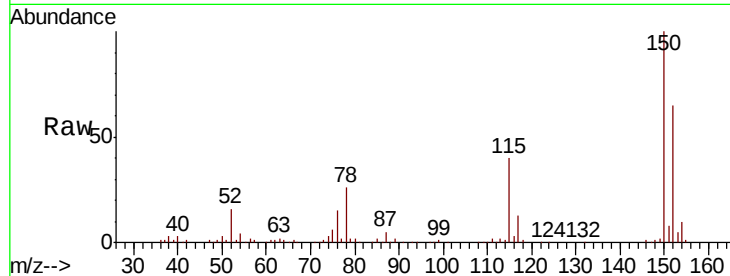


#1

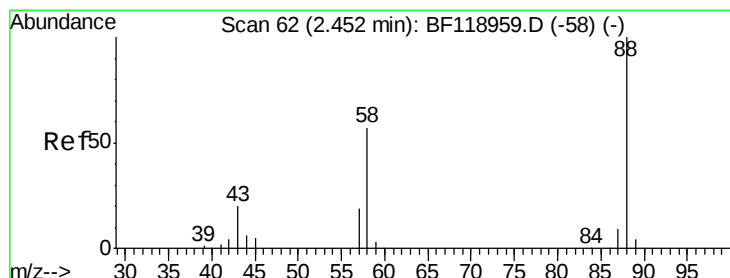
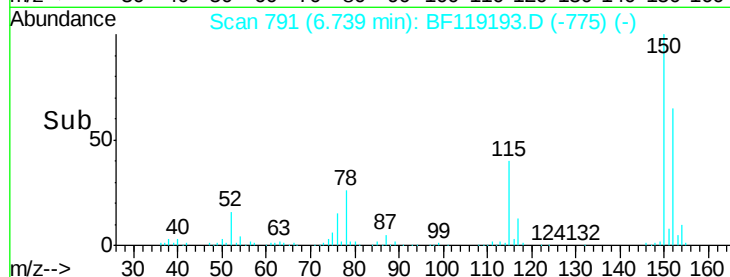
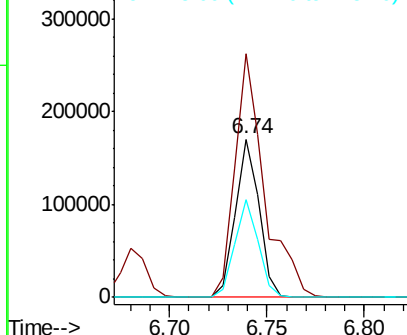
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143761
Ion Ratio Lower Upper
152 100
150 153.9 123.0 184.6
115 61.4 49.5 74.3



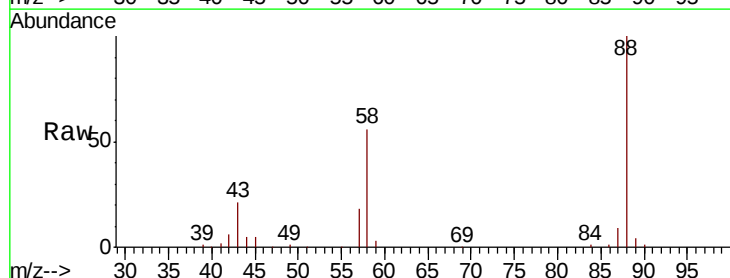
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



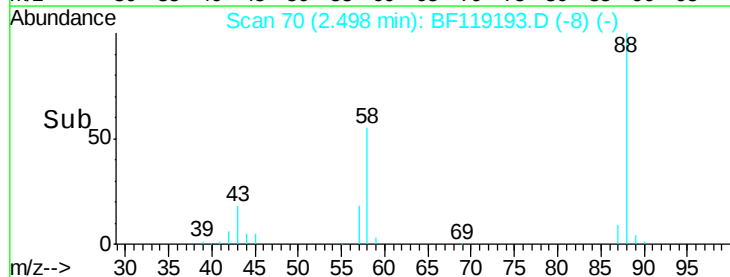
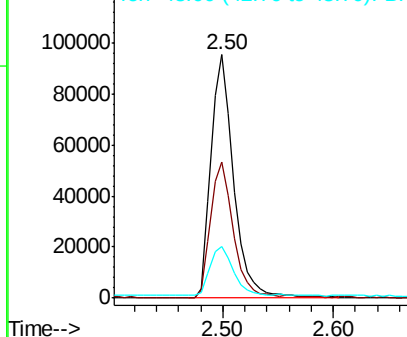
#2

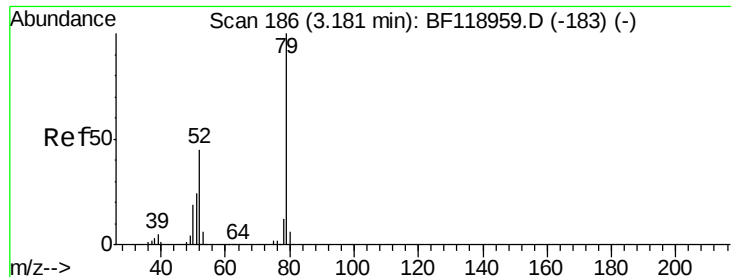
1,4-Dioxane
Concen: 35.276 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion: 88 Resp: 135109
Ion Ratio Lower Upper
88 100
58 57.3 43.8 65.6
43 20.4 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: 32.644 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.08 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

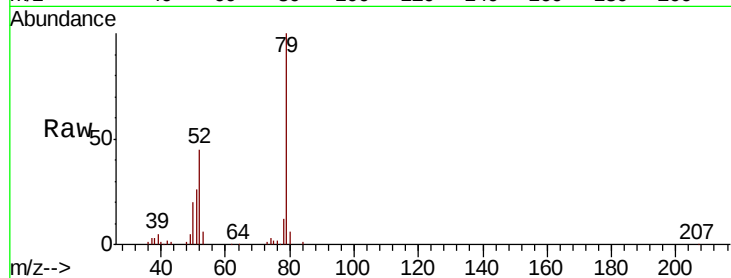
Tot Ion: 79 Resp: 341459

Ion Ratio Lower Upper

79 100

52 44.7 37.4 56.0

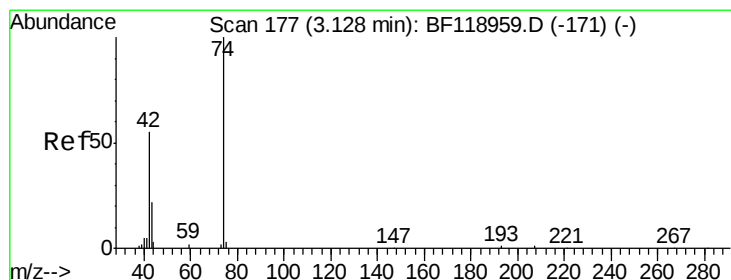
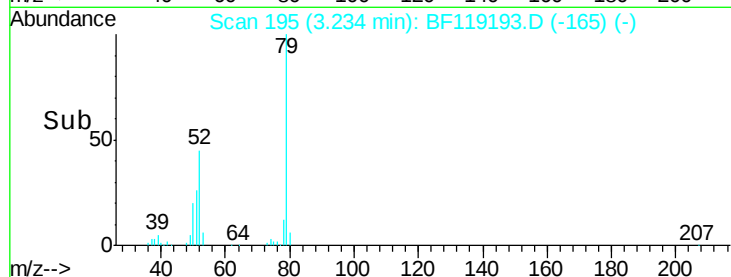
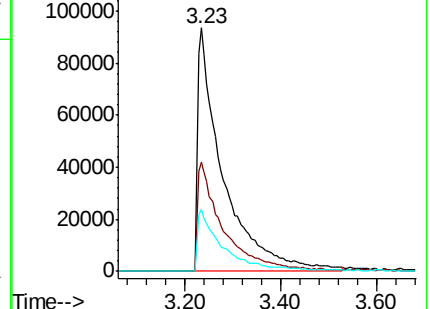
51 25.5 19.8 29.6



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: 44.209 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.05 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

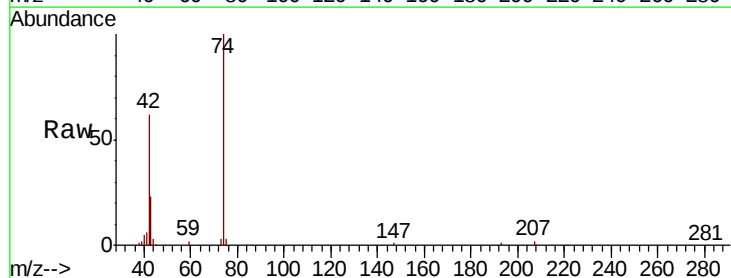
Tgt Ion: 42 Resp: 140084

Ion Ratio Lower Upper

42 100

74 161.0 137.7 206.5

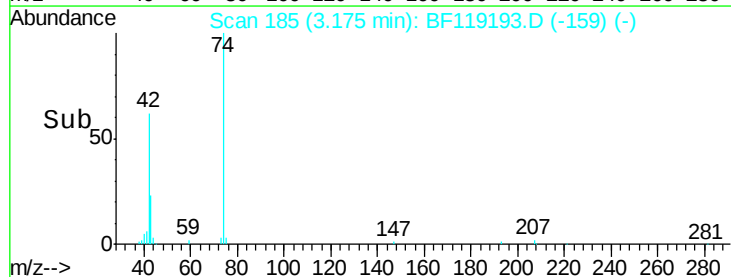
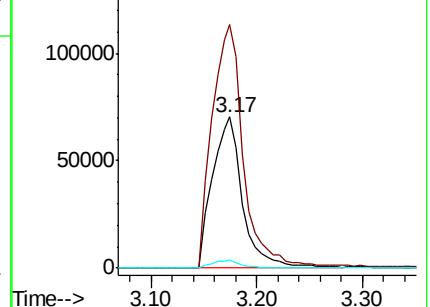
44 5.3 4.5 6.7

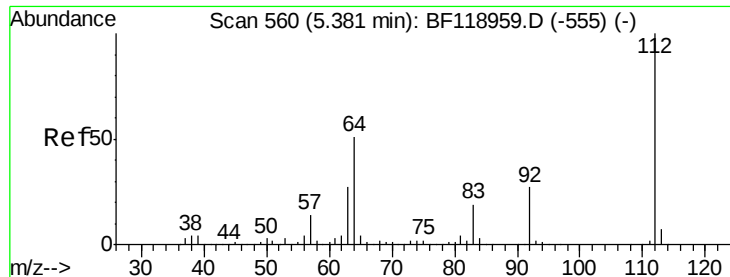


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.151 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampled :

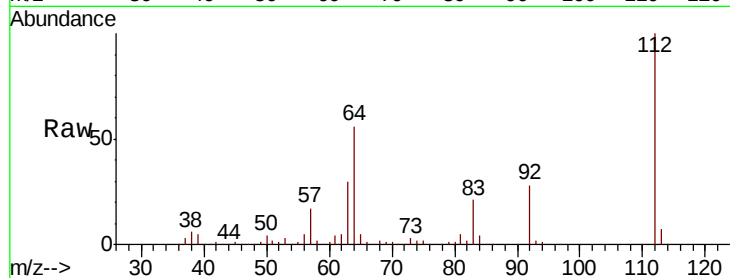
Tot Ion:112 Resp: 895942

Ion Ratio Lower Upper

112 100

64 55.9 45.0 67.4

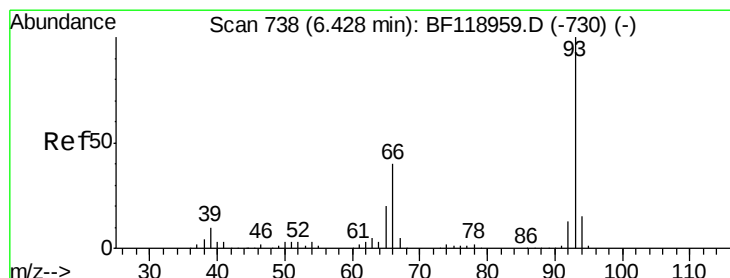
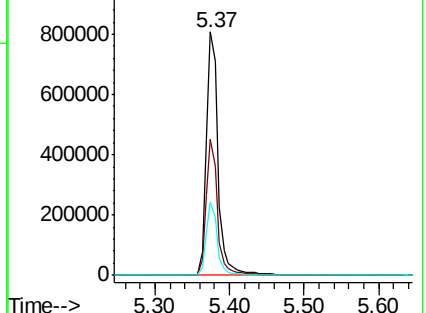
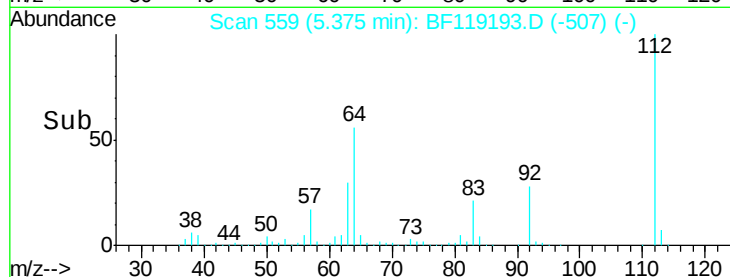
63 30.0 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.421 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

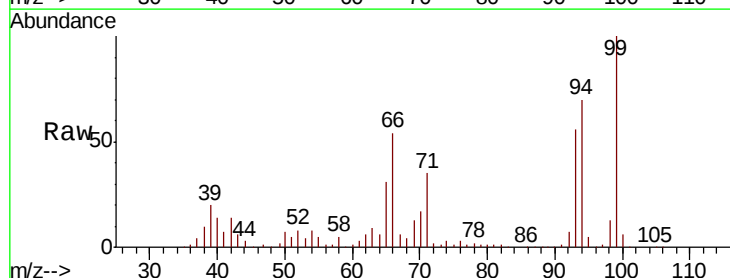
Tgt Ion: 93 Resp: 328171

Ion Ratio Lower Upper

93 100

66 97.1 74.5 111.7

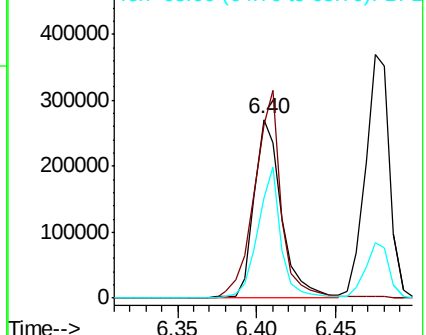
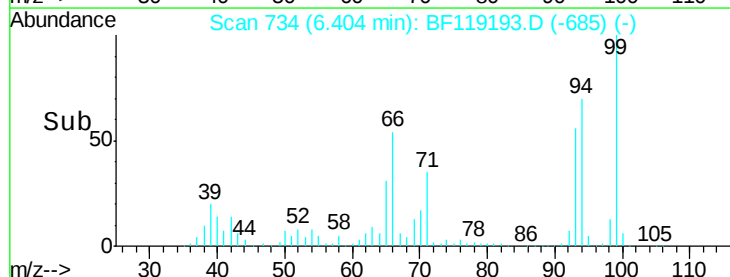
65 56.3 45.3 67.9

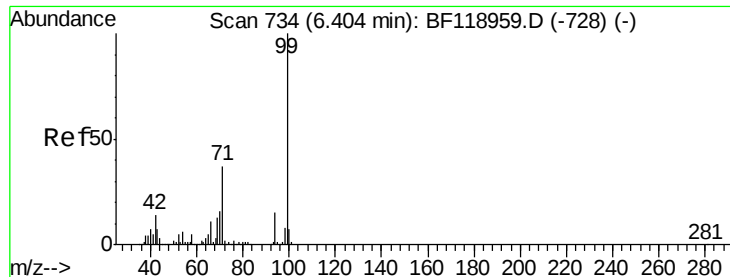


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.737 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

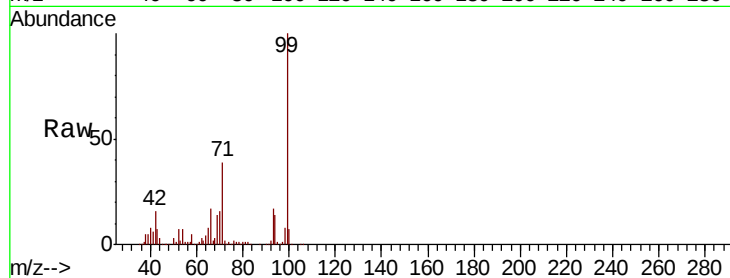
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1074847

Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	18.8
71	39.2	31.0	46.4

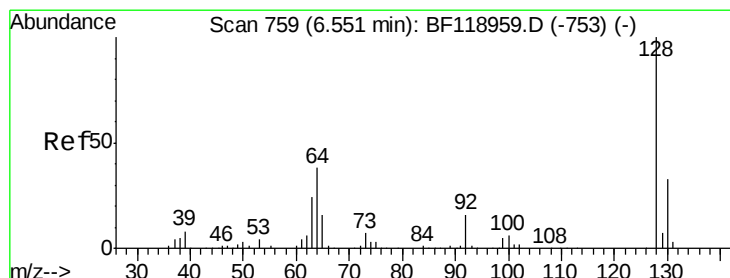
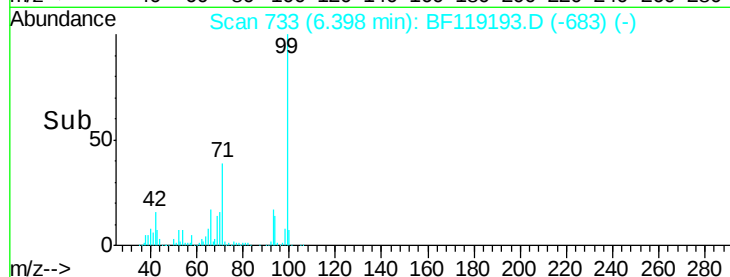
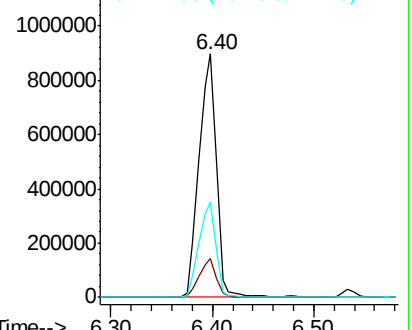


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.228 ng

RT: 6.53 min Scan# 756

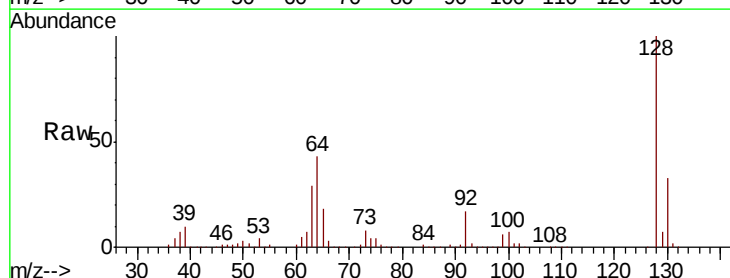
Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion: 128 Resp: 438445

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.7	52.7
64	42.6	22.3	62.3

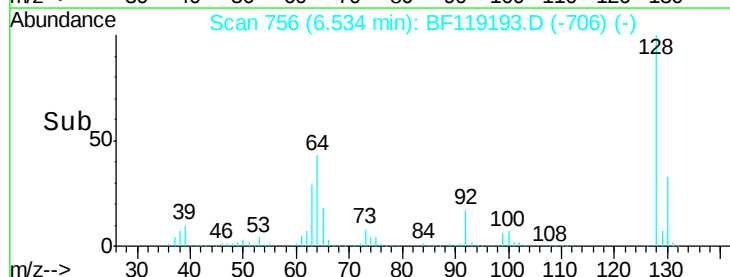
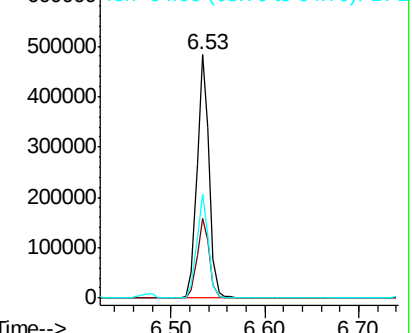


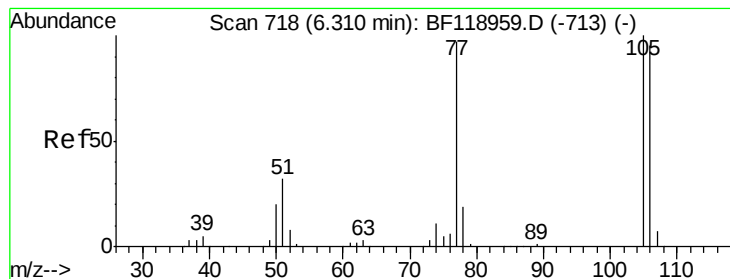
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.206 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

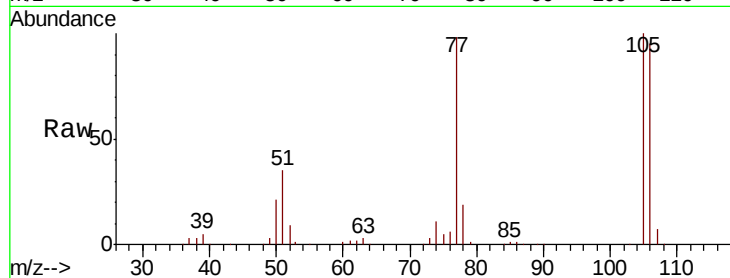
Tot Ion: 77 Resp: 336954

Ion Ratio Lower Upper

77 100

105 102.2 80.1 120.1

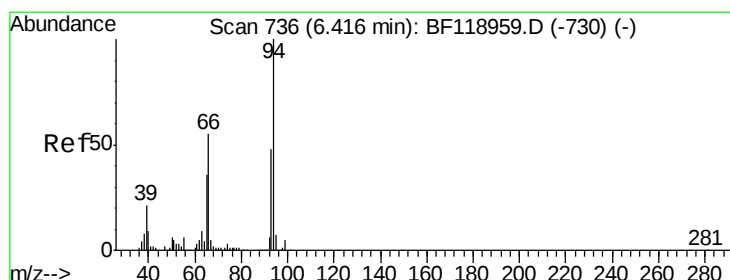
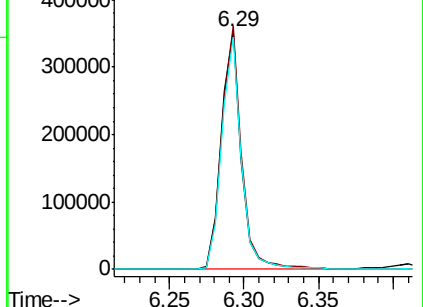
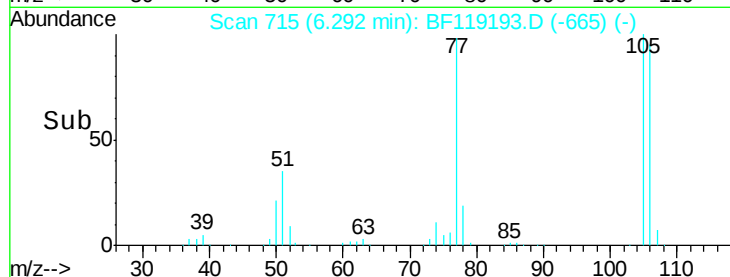
106 97.5 75.9 115.9



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: 44.259 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

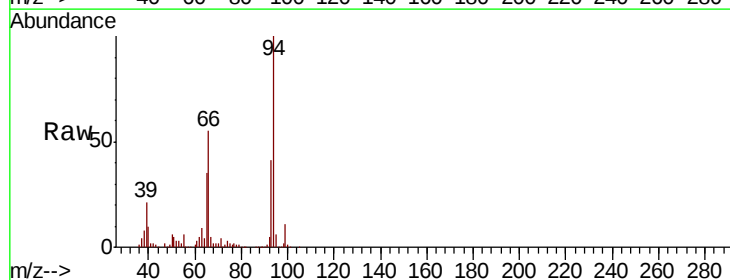
Tgt Ion: 94 Resp: 500625

Ion Ratio Lower Upper

94 100

65 34.7 19.2 59.2

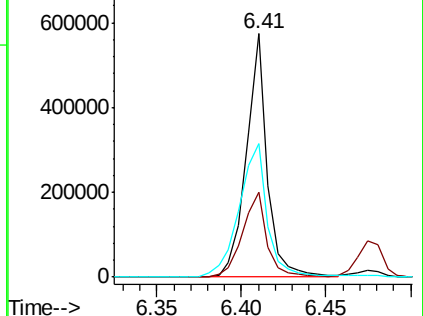
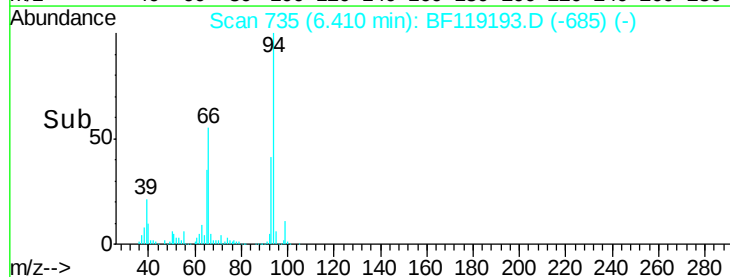
66 54.7 44.4 84.4

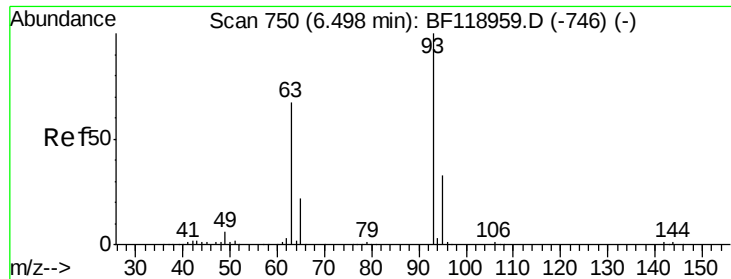


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

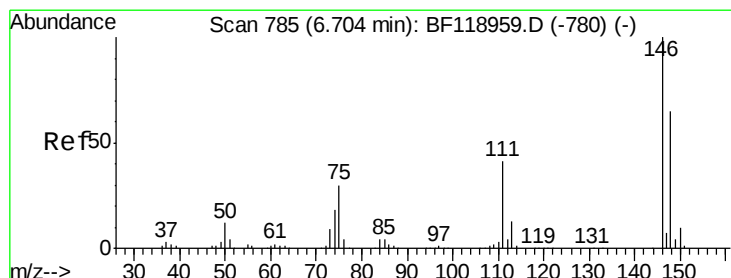
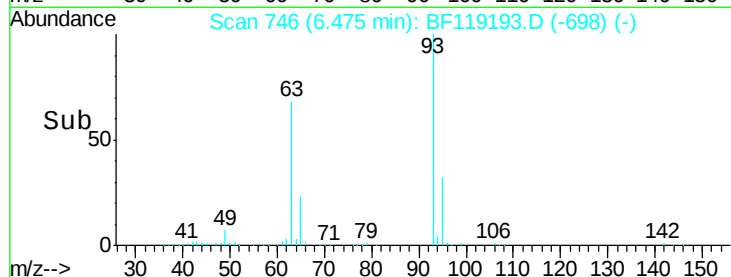
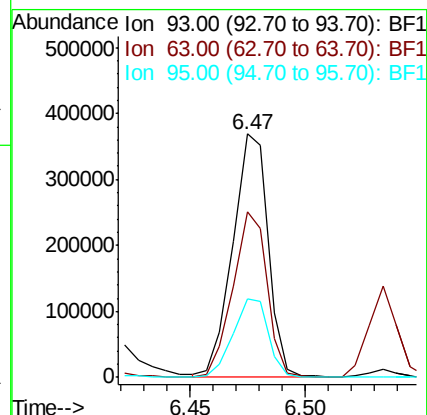
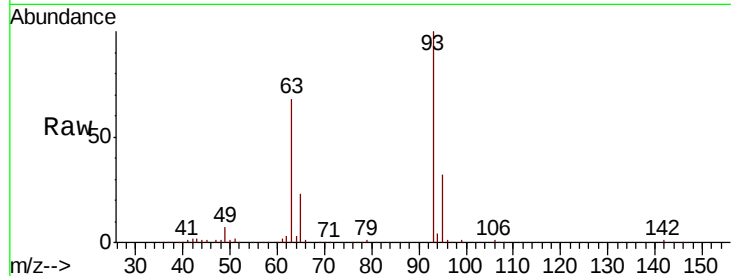




#11
bis(2-Chloroethyl)ether
Concen: 45.669 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

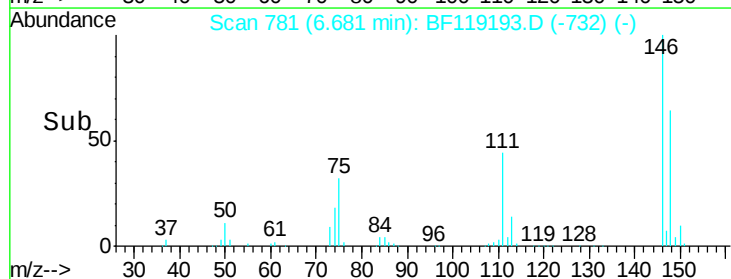
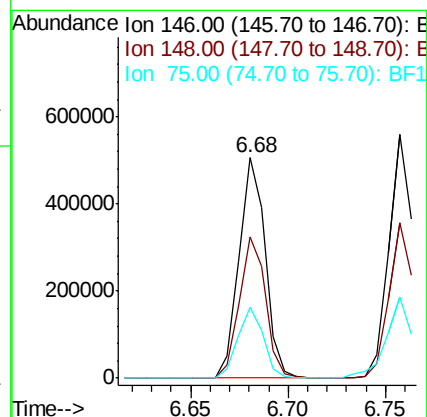
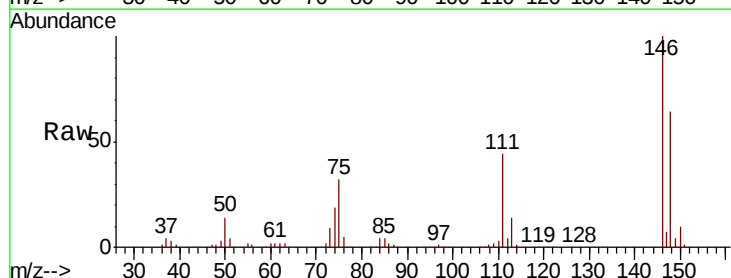
Instrument :
BNA_F
ClientSampleId :

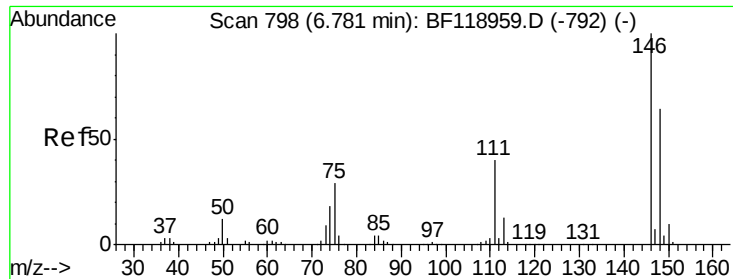
Tot Ion: 93 Resp: 395259
Ion Ratio Lower Upper
93 100
63 68.2 45.4 85.4
95 32.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.457 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion: 146 Resp: 472416
Ion Ratio Lower Upper
146 100
148 64.0 52.5 78.7
75 32.4 23.6 35.4

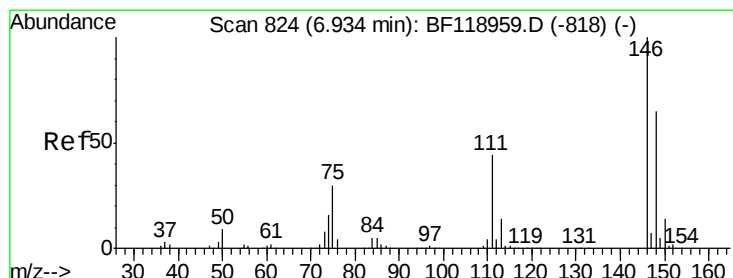
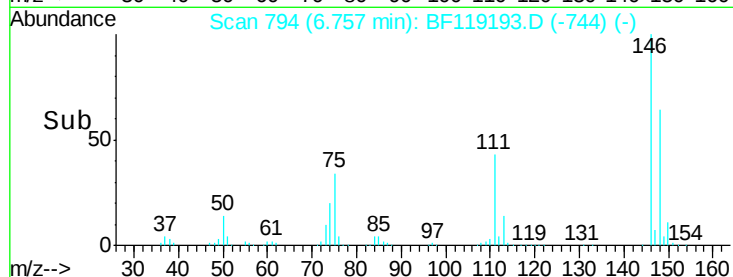
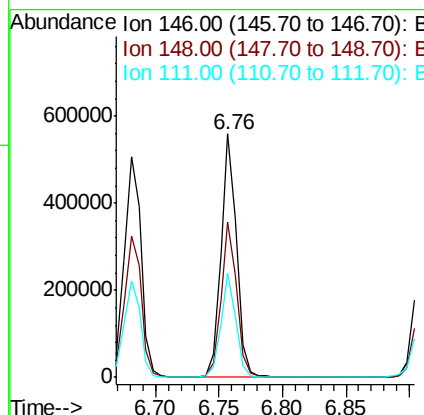
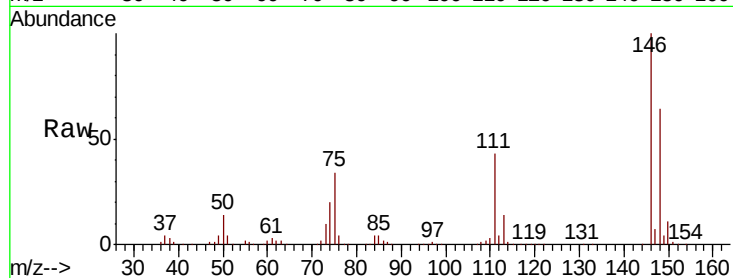




#13
 1,4-Dichlorobenzene
 Concen: 43.518 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

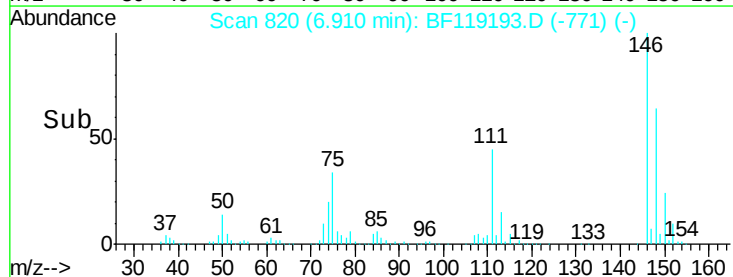
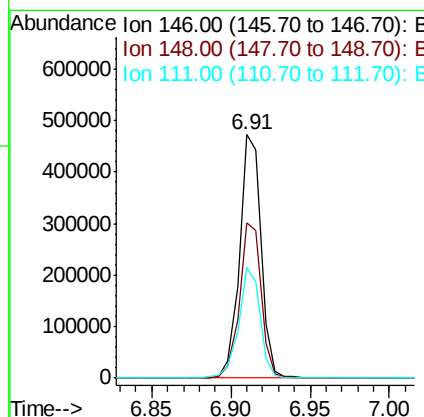
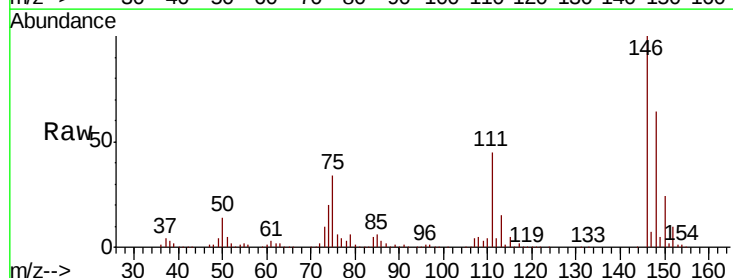
Instrument :
 BNA_F
 ClientSampleId :

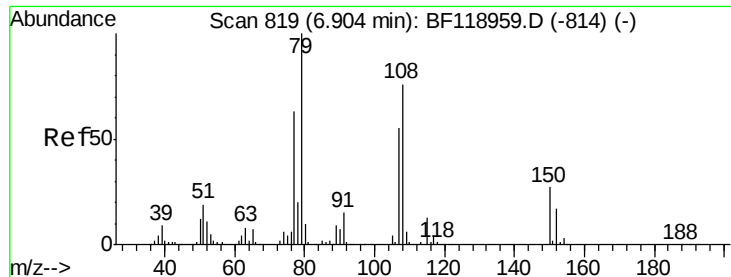
Tot Ion:146 Resp: 484551
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 42.6 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 43.730 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:146 Resp: 444074
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.9 77.9
 111 45.2 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.111 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

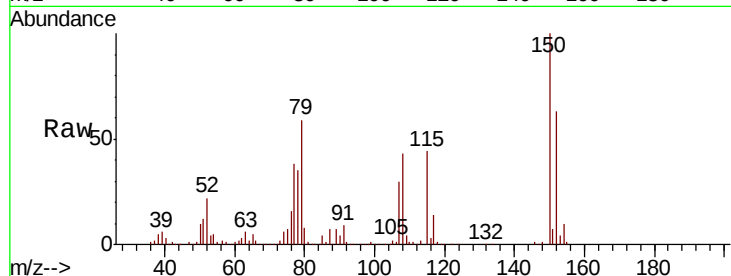
Tot Ion: 79 Resp: 363784

Ion Ratio Lower Upper

79 100

108 72.5 58.2 87.2

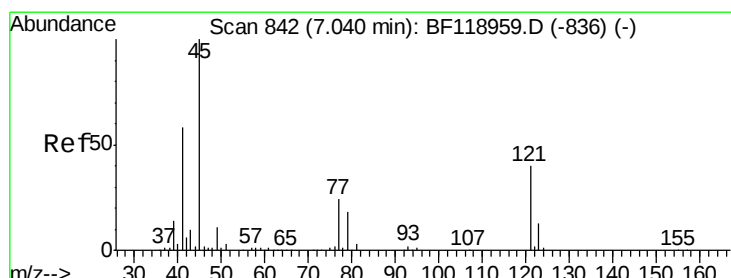
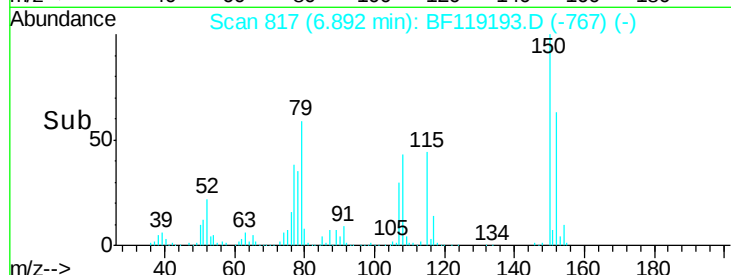
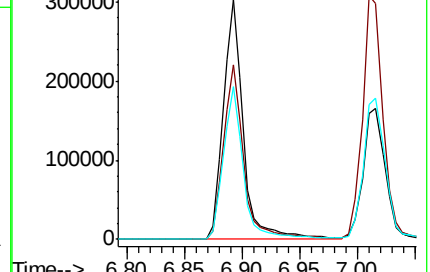
77 63.7 51.2 76.8



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: 42.745 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

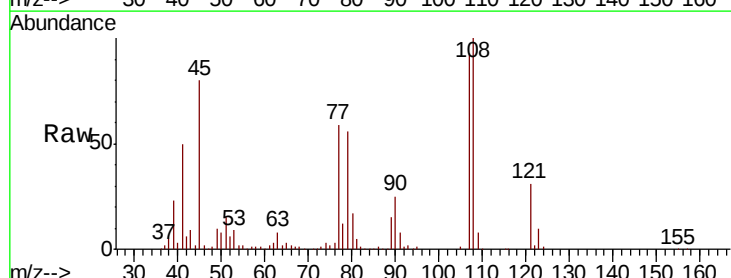
Tgt Ion: 45 Resp: 320469

Ion Ratio Lower Upper

45 100

77 74.0 15.0 55.0#

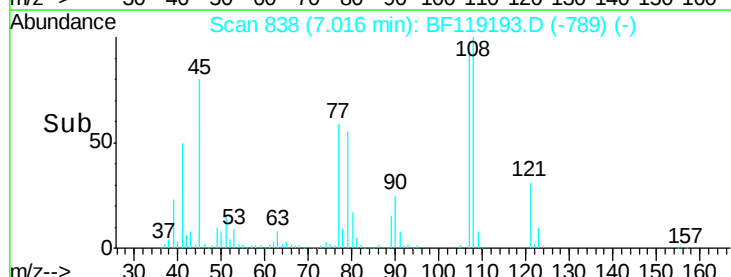
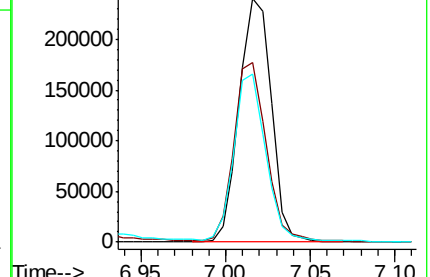
79 69.2 9.4 49.4#

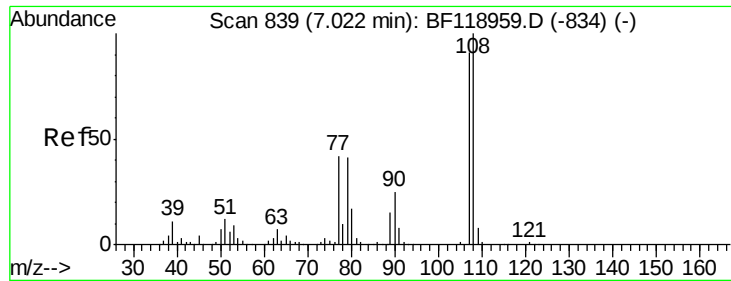


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

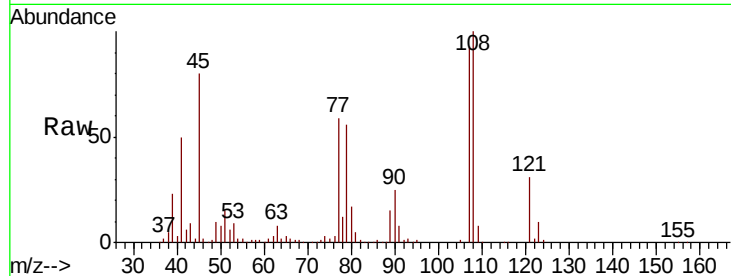




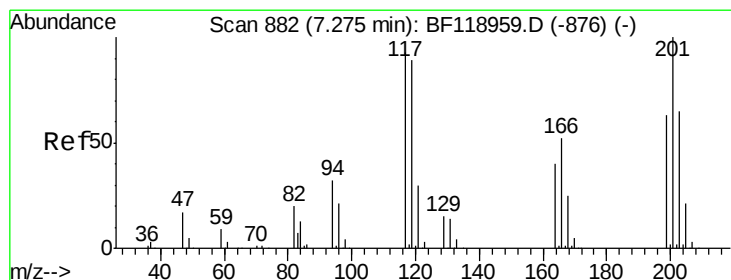
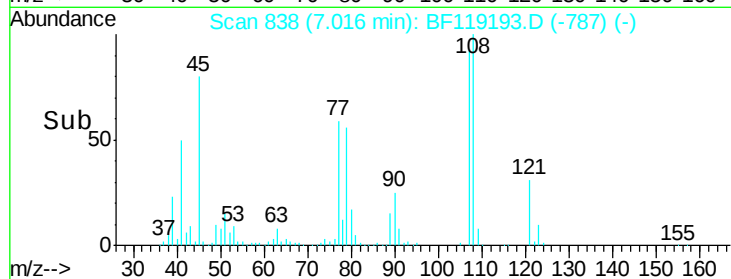
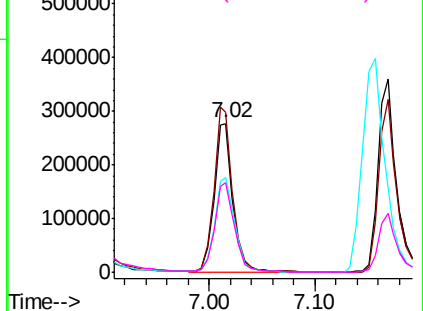
#17
2-Methylphenol
Concen: 45.868 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 345234
Ion Ratio Lower Upper
107 100
108 107.8 87.9 131.9
77 64.1 45.3 67.9
79 59.9 43.0 64.4

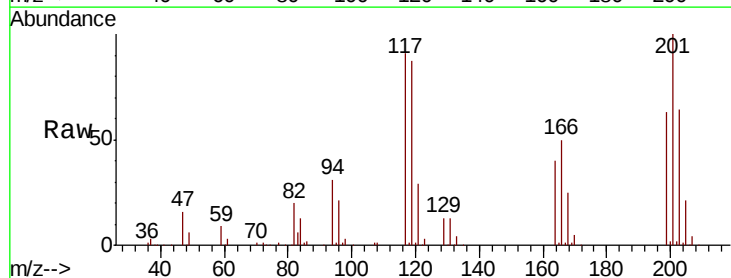


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

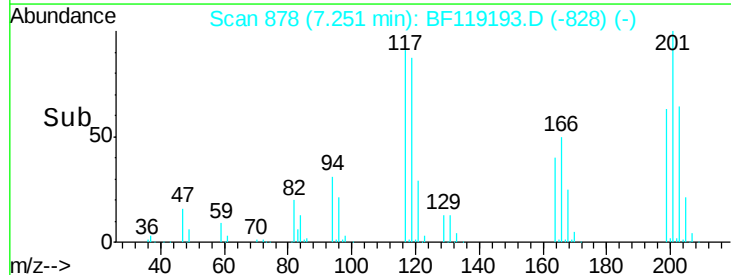
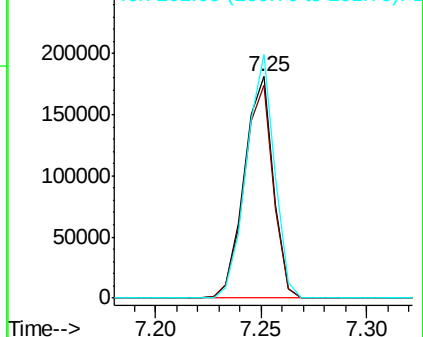


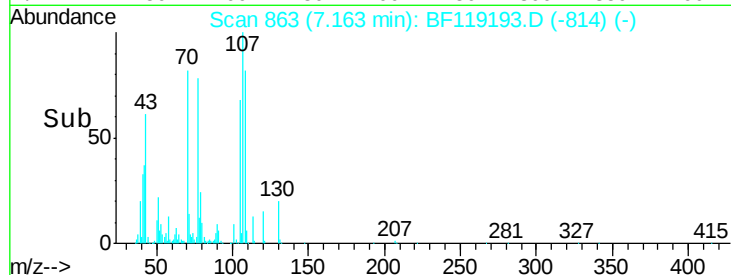
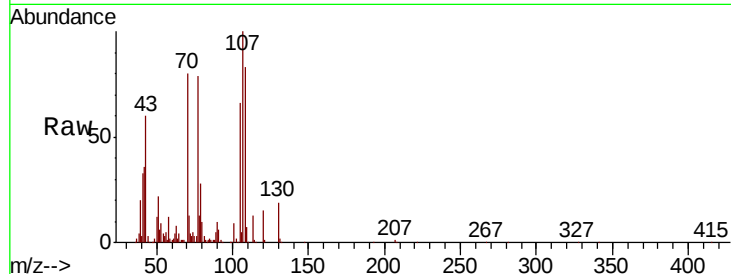
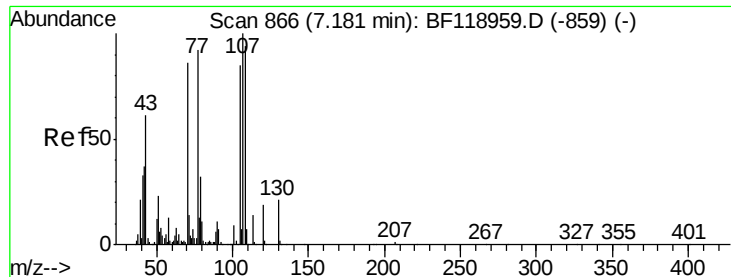
#18
Hexachloroethane
Concen: 43.219 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:117 Resp: 172165
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3
201 109.8 82.6 123.8



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

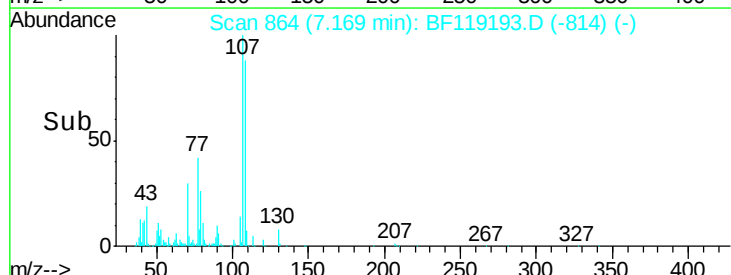
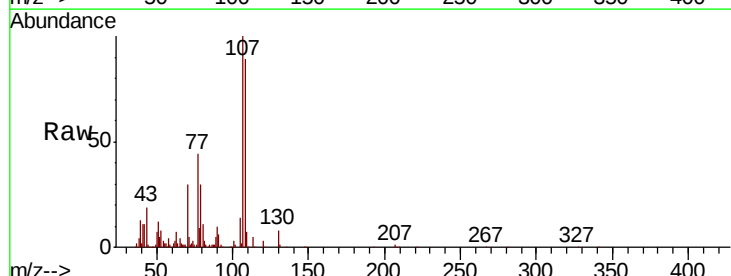
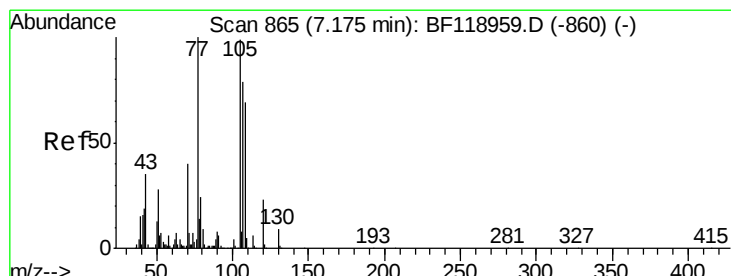
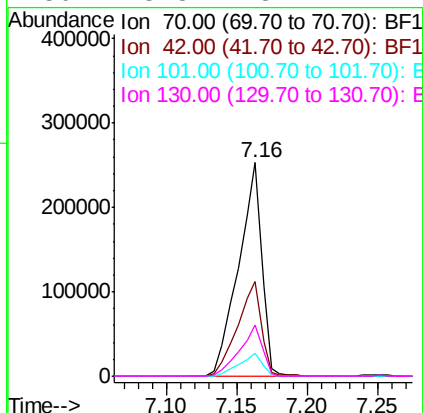




#19
n-Nitroso-di-n-propylamine
Concen: 47.842 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

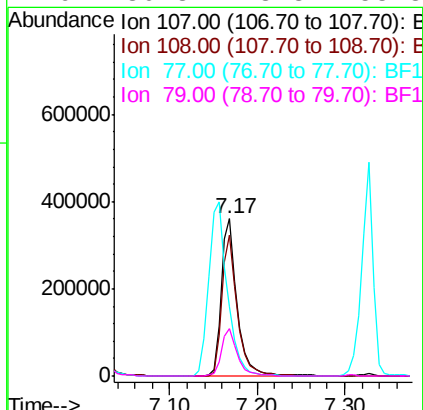
Instrument :
BNA_F
ClientSampleId :

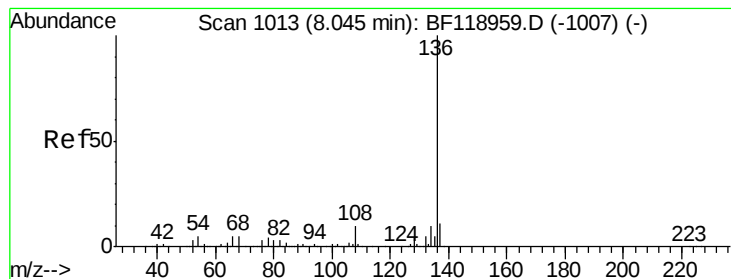
Tot Ion:	70	Resp:	291655
Ion	Ratio	Lower	Upper
70	100		
42	44.7	38.0	57.0
101	10.6	8.2	12.4
130	23.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.418 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:	107	Resp:	446472
Ion	Ratio	Lower	Upper
107	100		
108	89.4	71.5	111.5
77	43.8	45.9	85.9#
79	30.3	13.8	53.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 542422

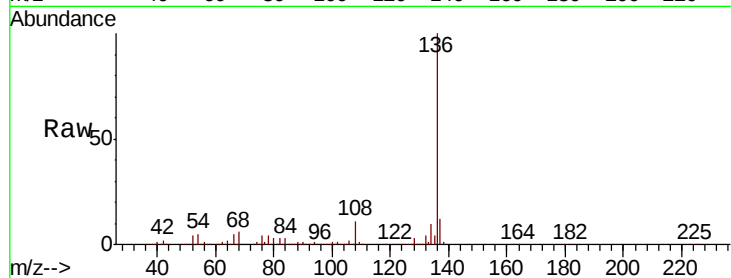
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 5.4 3.8 5.6

68 5.5 3.9 5.9

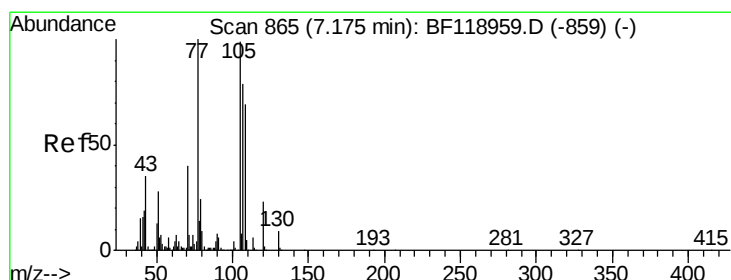
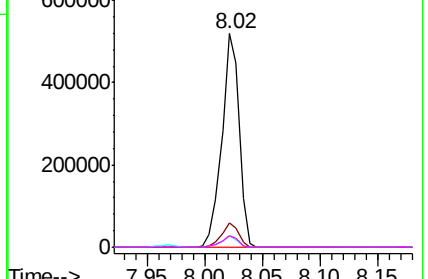
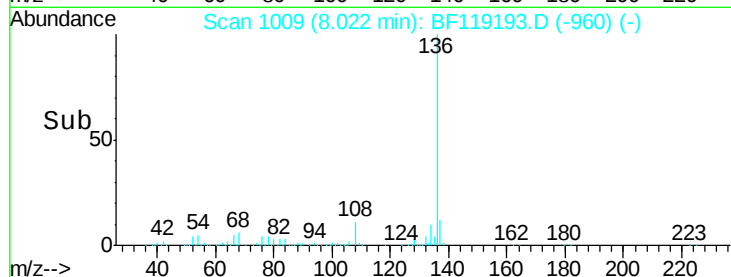


Abundance Ion 136.00 (135.70 to 136.70): E

800000 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: 46.435 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:105 Resp: 582776

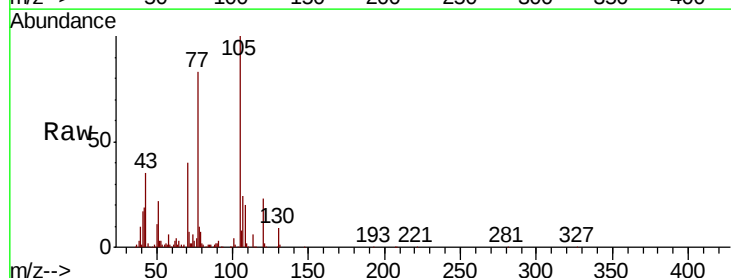
Ion Ratio Lower Upper

105 100

71 6.8 3.0 4.4#

51 21.9 20.1 30.1

120 22.7 18.0 27.0

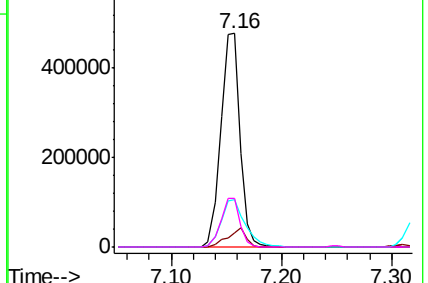
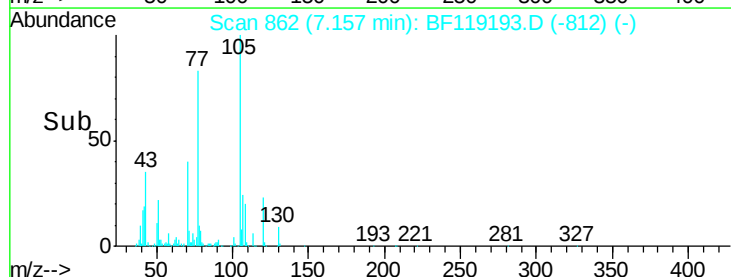


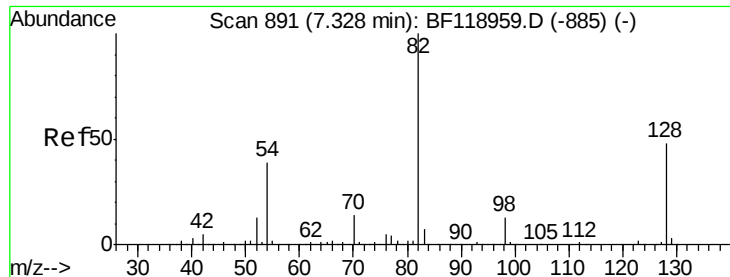
Abundance Ion 105.00 (104.70 to 105.70): E

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

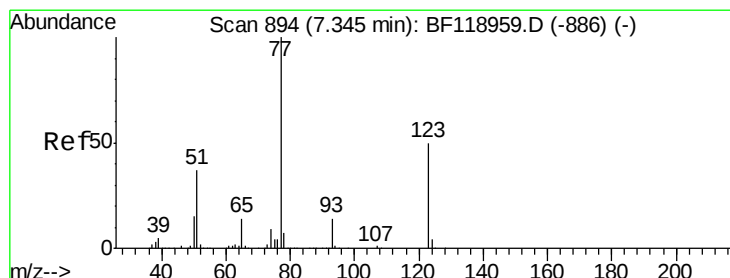
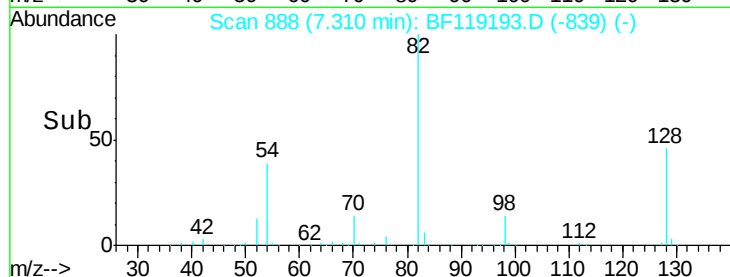
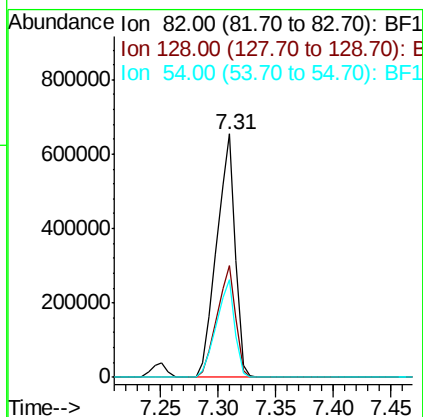
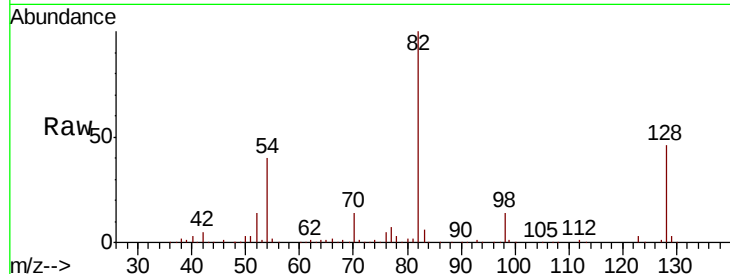




#23
 Nitrobenzene-d5
 Concen: 71.023 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

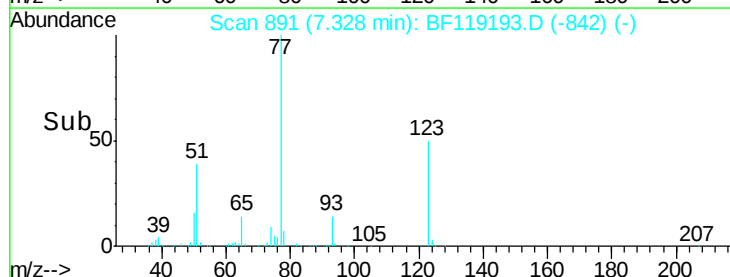
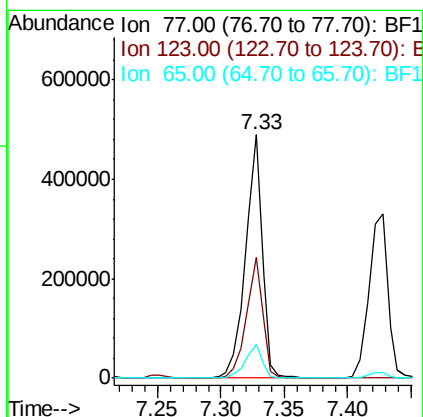
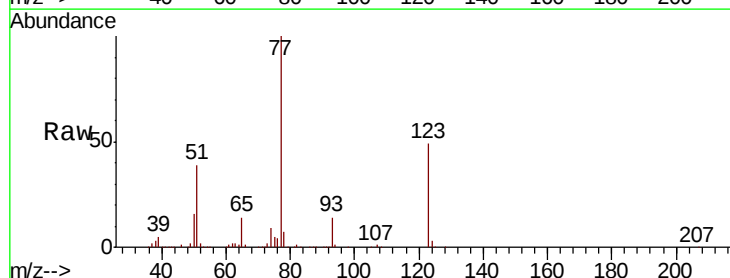
Instrument :
 BNA_F
 ClientSampleId :

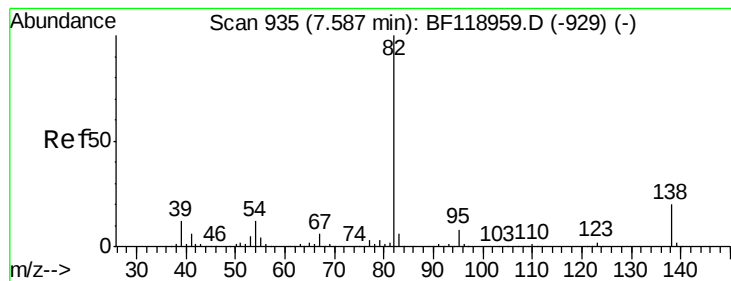
Tot Ion	82	Resp	729634
Ion Ratio	100		
Lower	37.9		
Upper	56.9		
128	46.1		
54	40.0		
	33.4		
	50.2		



#24
 Nitrobenzene
 Concen: 43.733 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion	77	Resp	444285
Ion Ratio	100		
Lower	40.2		
Upper	60.2		
123	49.4		
65	13.7		
	10.8		
	16.2		





#25

Isophorone

Concen: 45.074 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

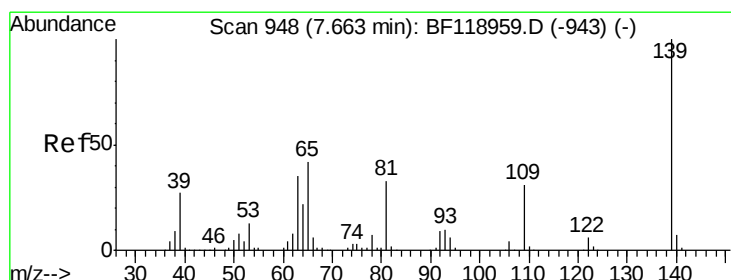
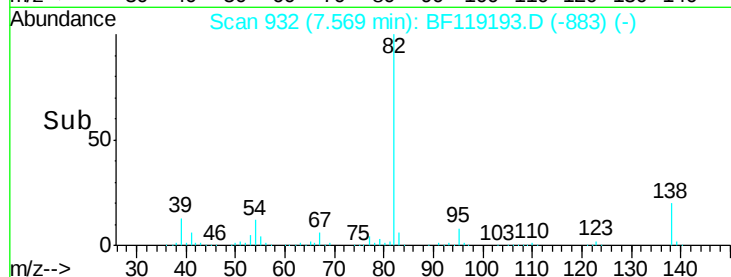
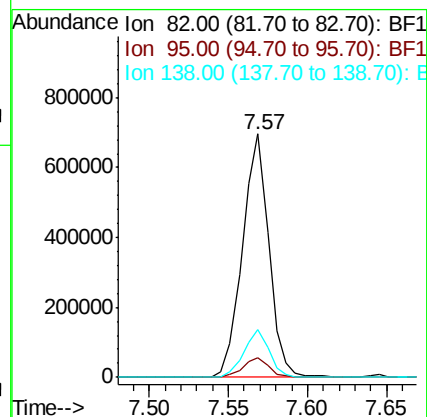
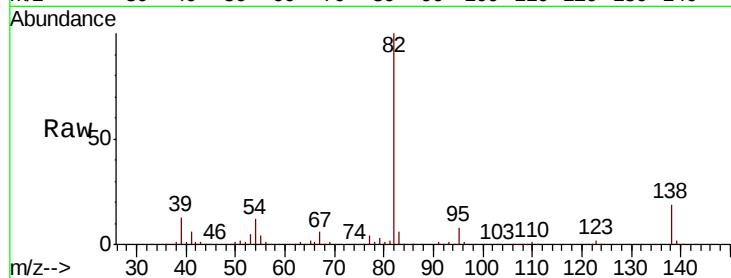
Tot Ion: 82 Resp: 804176

Ion Ratio Lower Upper

82 100

95 8.0 6.4 9.6

138 19.4 15.7 23.5



#26

2-Nitrophenol

Concen: 45.002 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

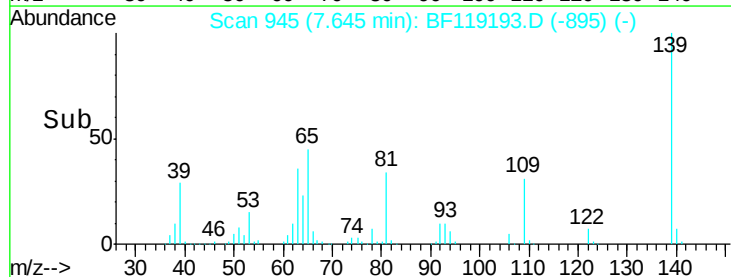
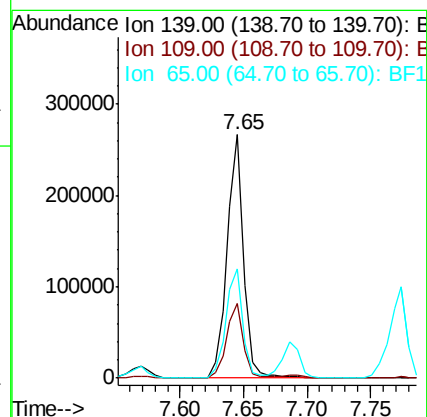
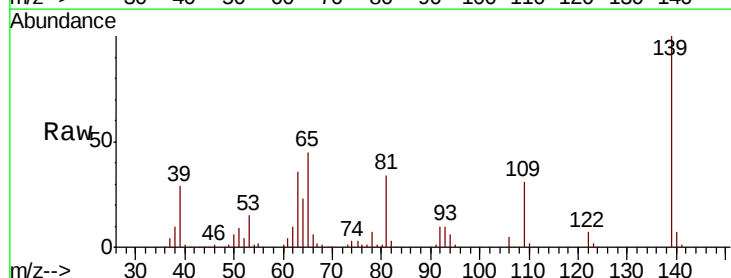
Tgt Ion: 139 Resp: 242234

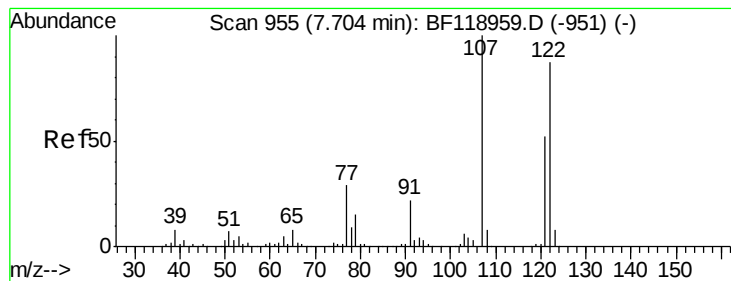
Ion Ratio Lower Upper

139 100

109 30.9 25.7 38.5

65 44.7 37.1 55.7

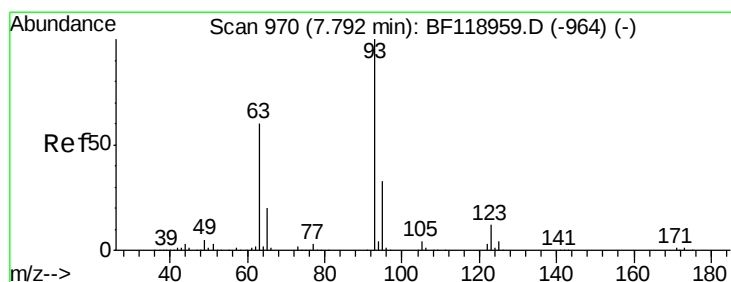
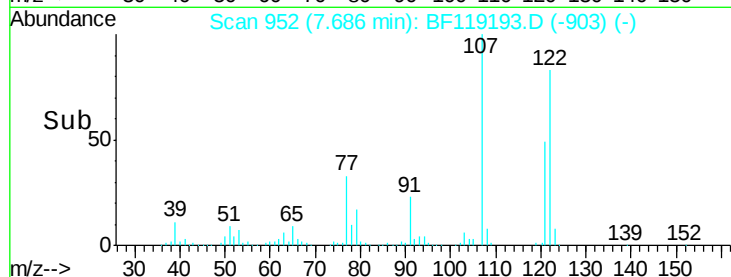
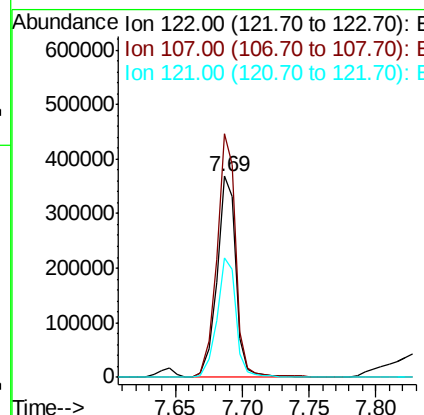
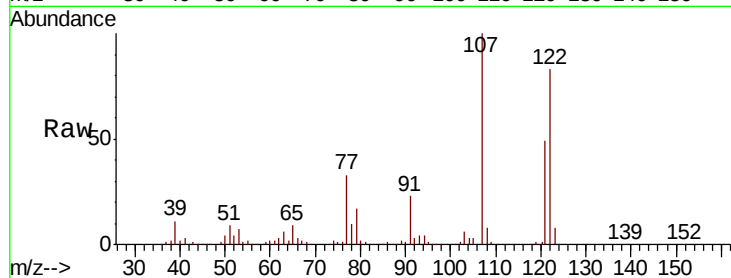




#27
 2,4-Dimethylphenol
 Concen: 50.786 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

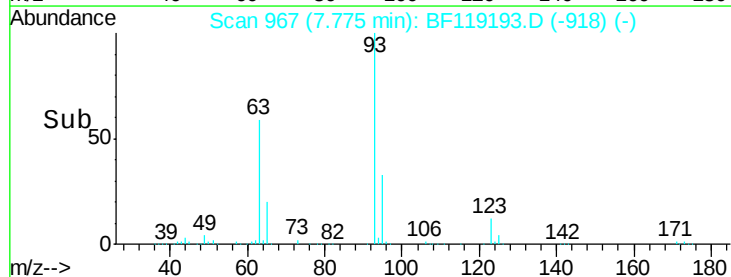
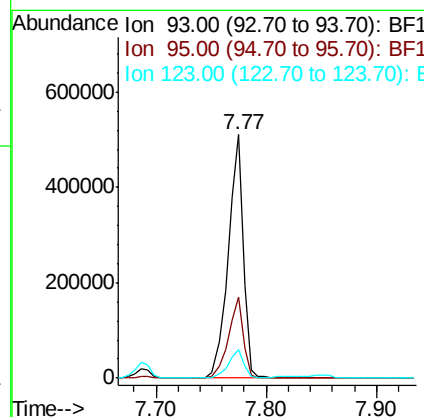
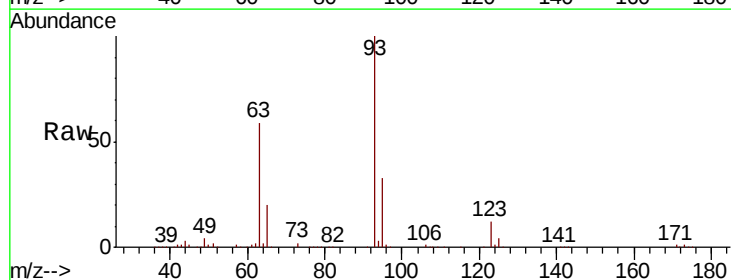
Instrument :
 BNA_F
 ClientSampled :

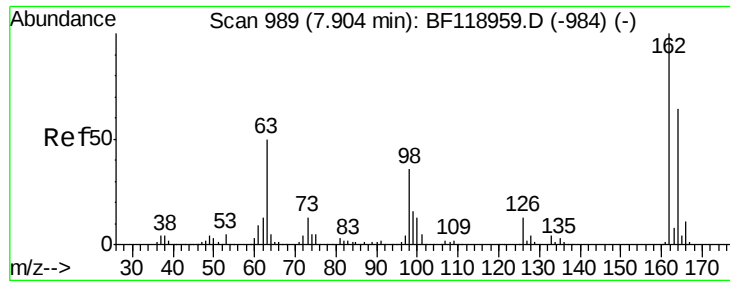
Tot Ion:122 Resp: 371013
 Ion Ratio Lower Upper
 122 100
 107 121.0 93.8 140.6
 121 59.6 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.402 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion: 93 Resp: 492413
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 12.0 10.2 15.2

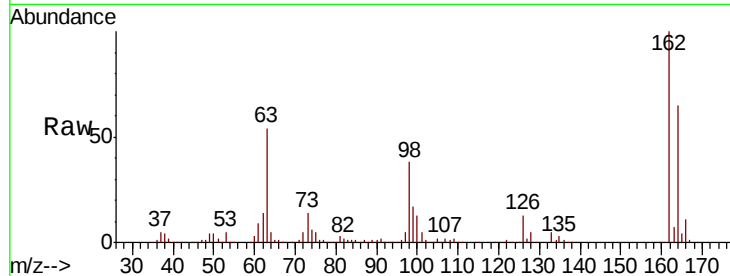




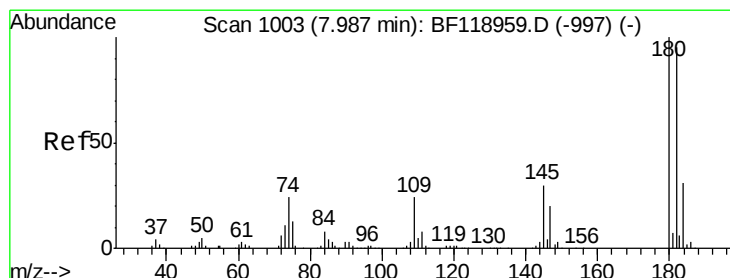
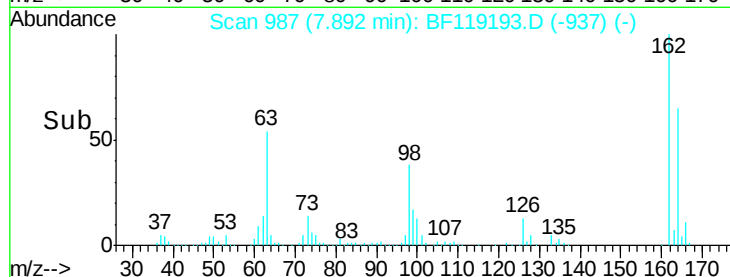
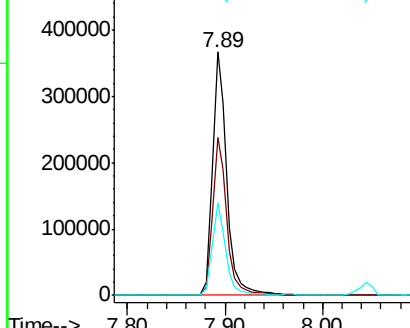
#29
 2,4-Dichlorophenol
 Concen: 43.382 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 373093
 Ion Ratio Lower Upper
 162 100
 164 64.6 45.2 85.2
 98 38.1 17.4 57.4

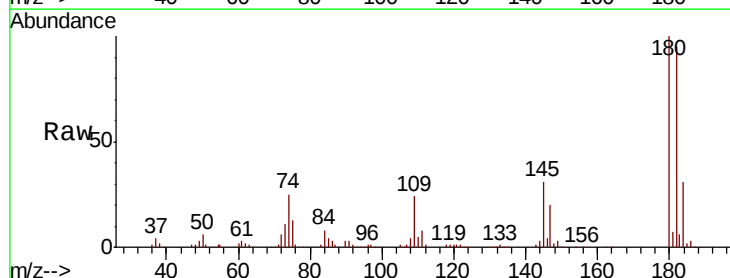


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

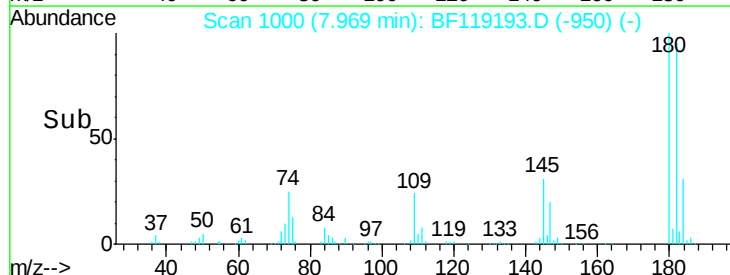
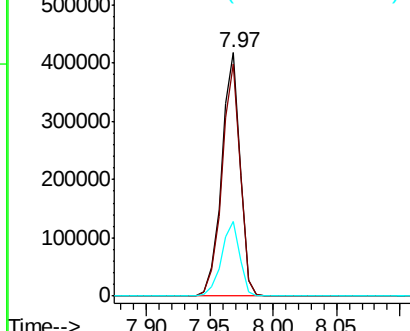


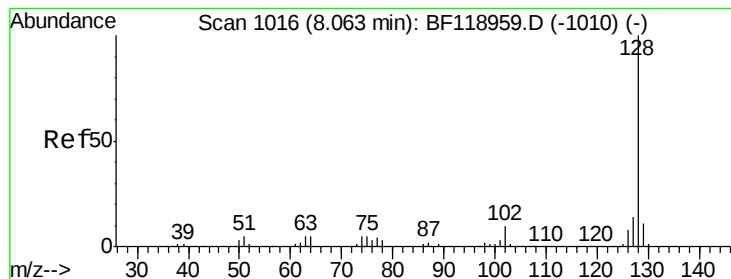
#30
 1,2,4-Trichlorobenzene
 Concen: 41.289 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:180 Resp: 421016
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.8 116.6
 145 30.8 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: 43.559 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

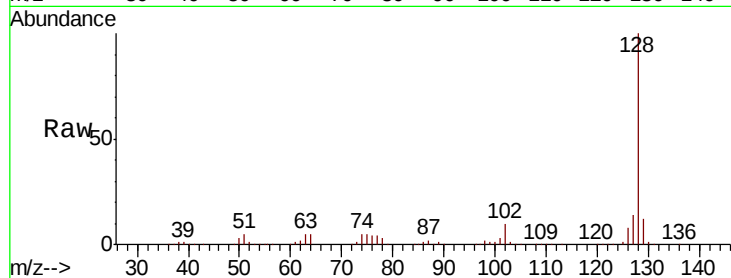
Tot Ion:128 Resp: 1225365

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.2

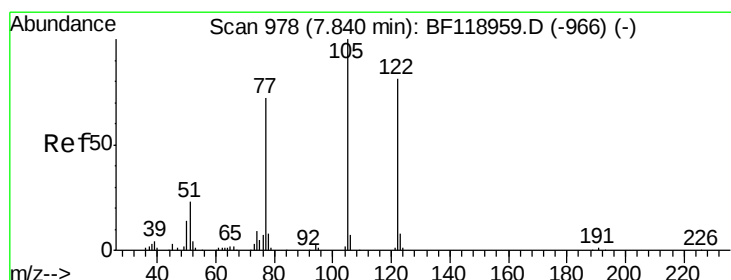
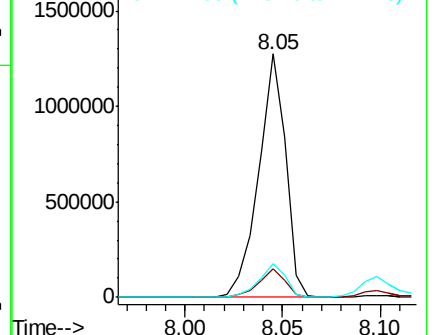
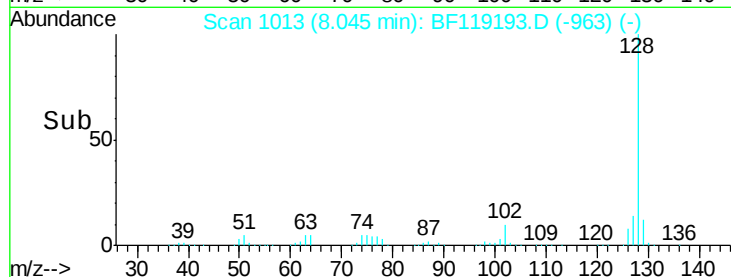
127 13.8 11.4 17.2



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: 39.404 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

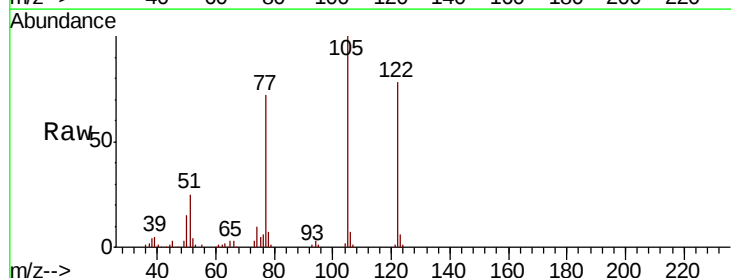
Tgt Ion:122 Resp: 202634

Ion Ratio Lower Upper

122 100

105 127.9 106.3 146.3

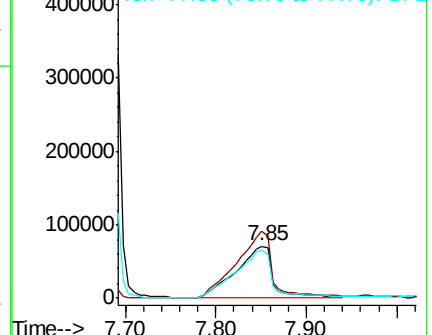
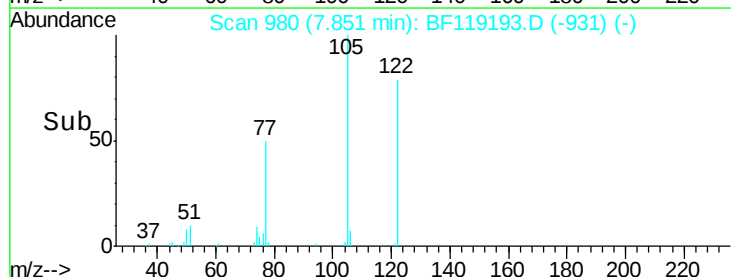
77 92.3 73.1 113.1

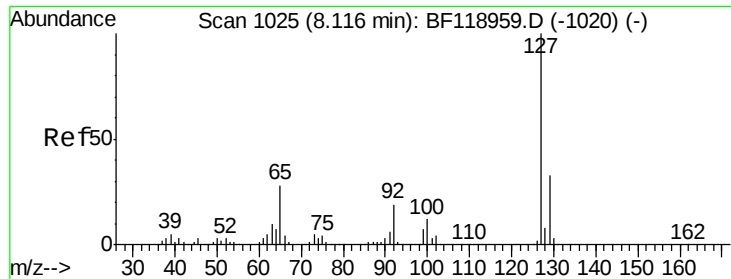


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

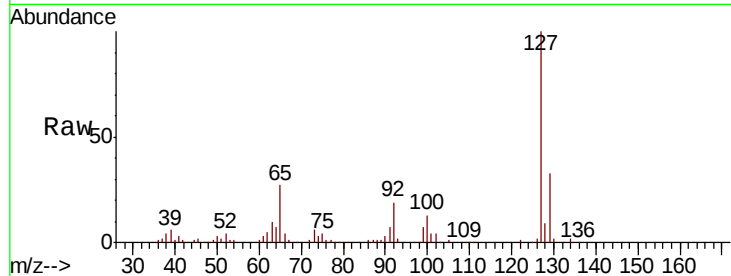




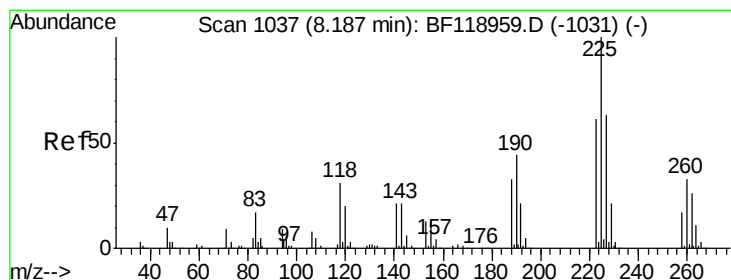
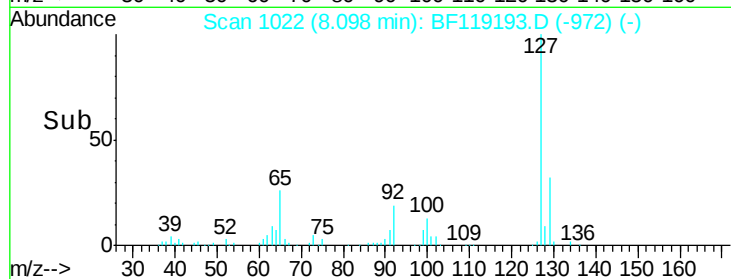
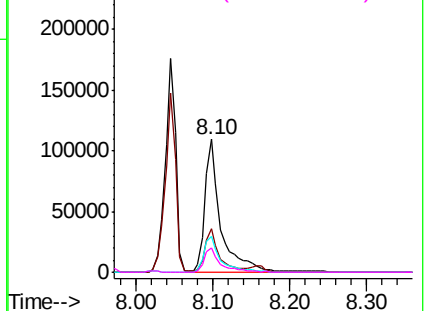
#33
4-Chloroaniline
Concen: 13.100 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	158500
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	27.3	23.9	35.9
92	18.8	16.3	24.5

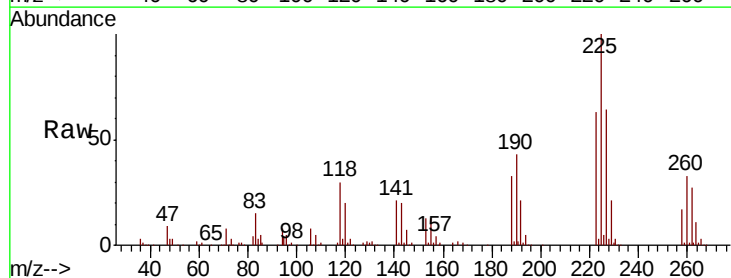


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

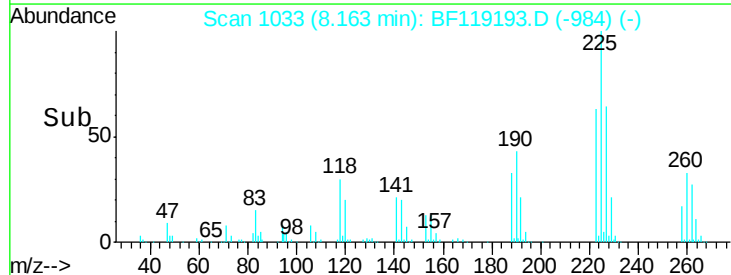
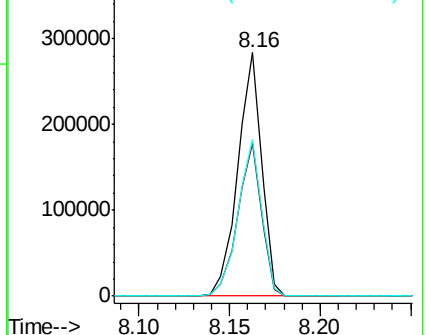


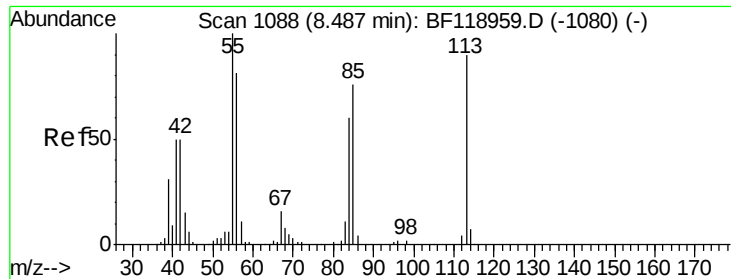
#34
Hexachlorobutadiene
Concen: 40.769 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:	225	Resp:	258944
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.2
227	64.3	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: 27.926 ng

RT: 8.48 min Scan# 1087

Delta R.T. -0.02 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

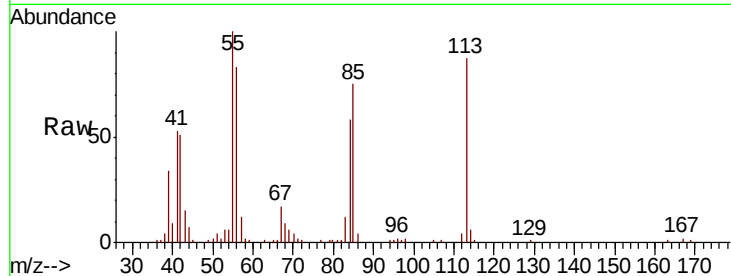
Tot Ion:113 Resp: 73951

Ion Ratio Lower Upper

113 100

55 114.5 95.7 135.7

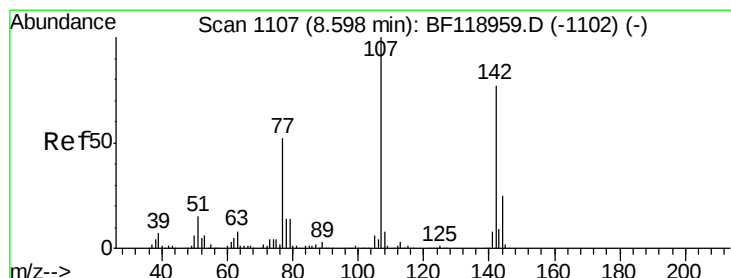
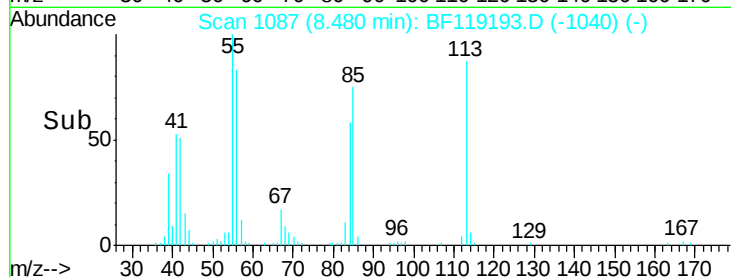
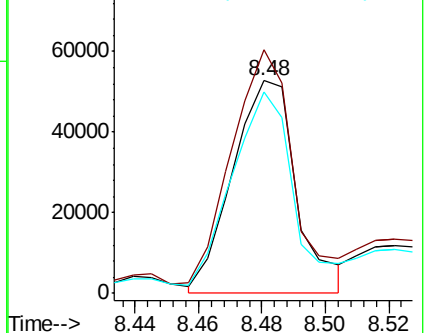
56 95.0 73.1 113.1



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: 44.800 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

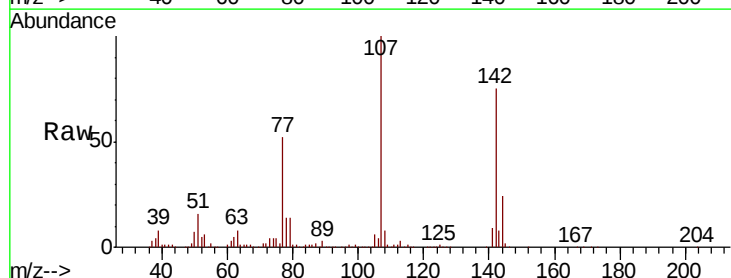
Tgt Ion:107 Resp: 389934

Ion Ratio Lower Upper

107 100

144 23.9 20.1 30.1

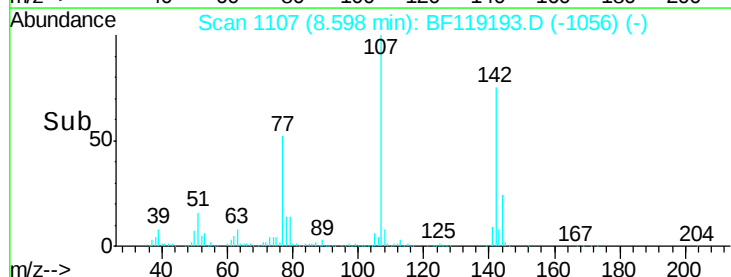
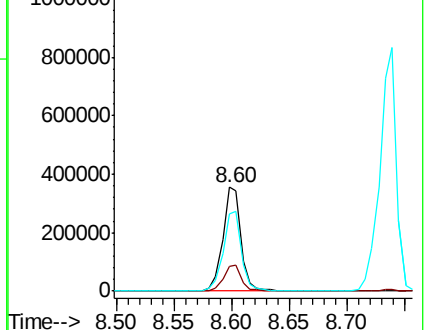
142 74.5 61.4 92.2

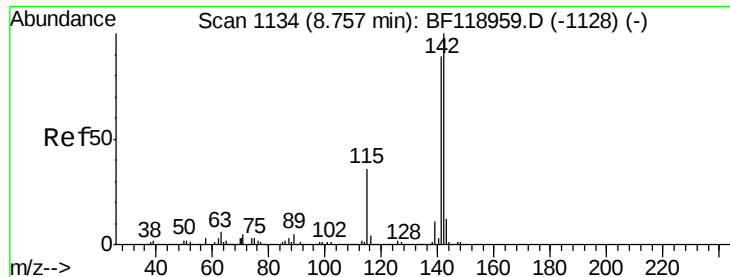


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

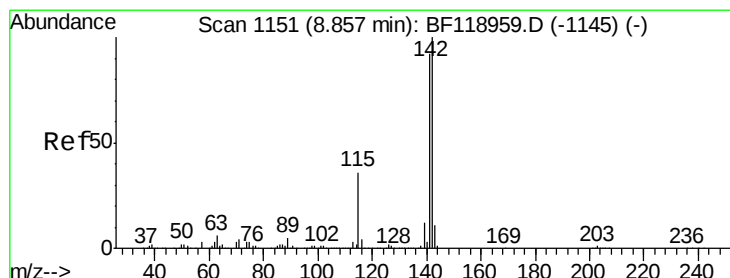
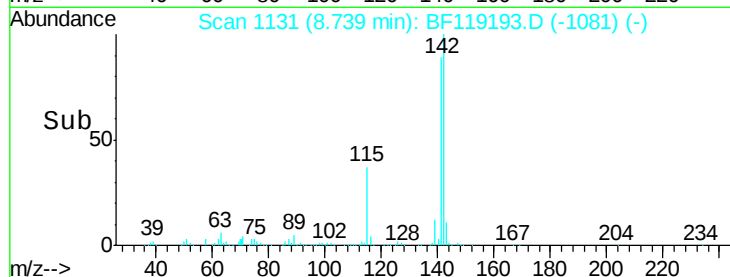
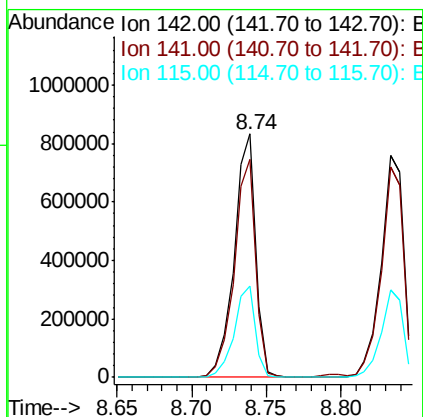
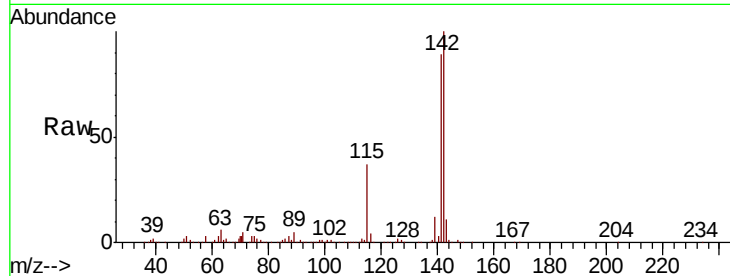




#37
2-Methylnaphthalene
Concen: 44.437 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

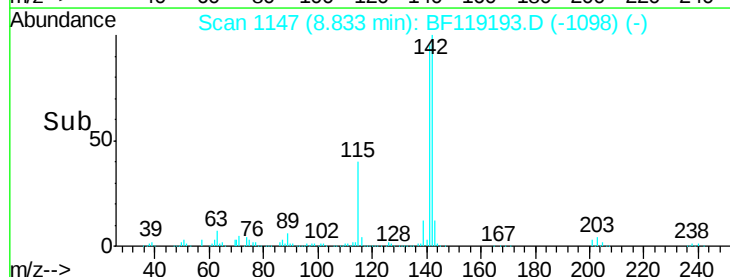
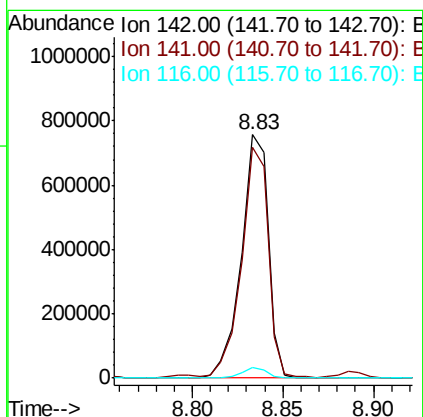
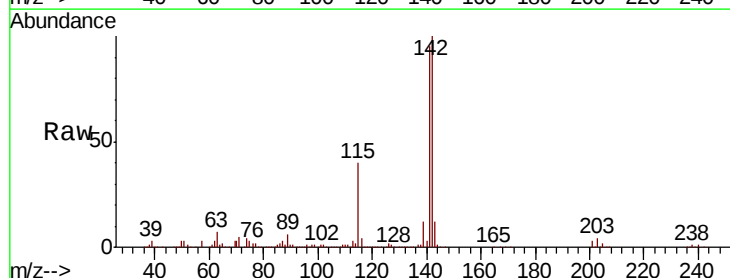
Instrument :
BNA_F
ClientSampleId :

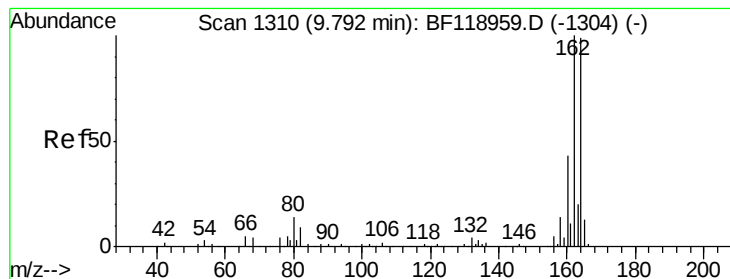
Tot Ion:142 Resp: 841248
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5
115 37.3 30.6 45.8



#38
1-Methylnaphthalene
Concen: 44.007 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:142 Resp: 783495
Ion Ratio Lower Upper
142 100
141 94.9 75.8 113.6
116 4.2 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

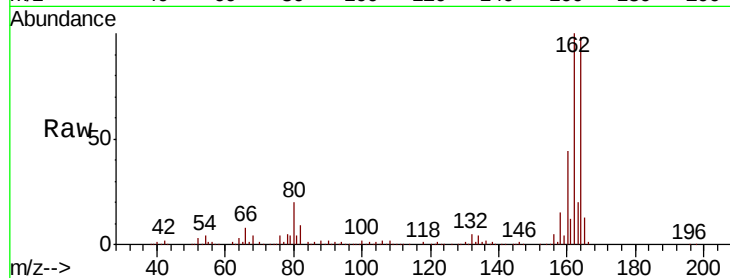
Tot Ion:164 Resp: 290526

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.8

160 44.4 36.0 54.0

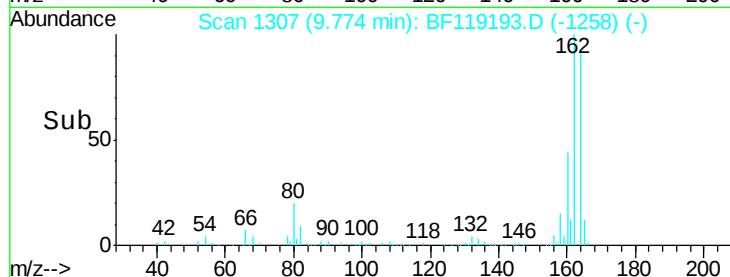


Abundance Ion 164.00 (163.70 to 164.70): E

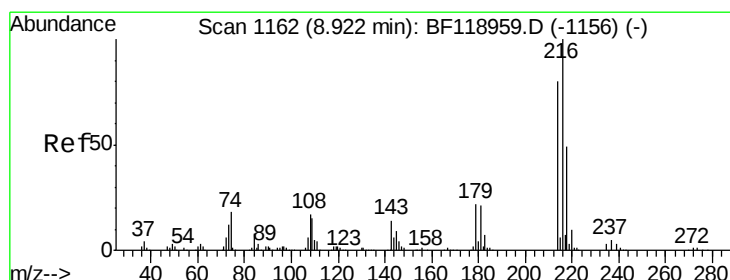
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time--> 9.70 9.75 9.80 9.85



Time--> 9.70 9.75 9.80 9.85



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.655 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:216 Resp: 417817

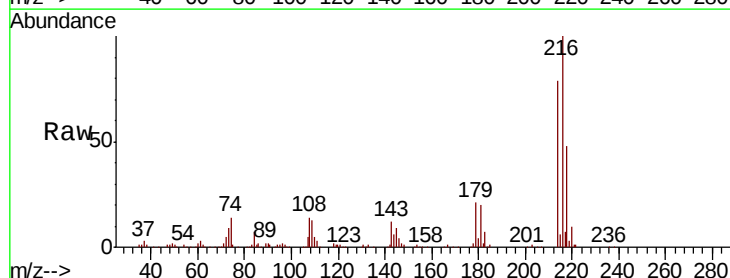
Ion Ratio Lower Upper

216 100

214 79.0 63.3 94.9

179 22.0 17.7 26.5

108 17.6 13.9 20.9



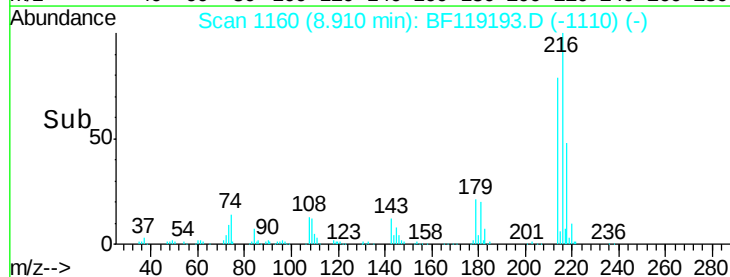
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

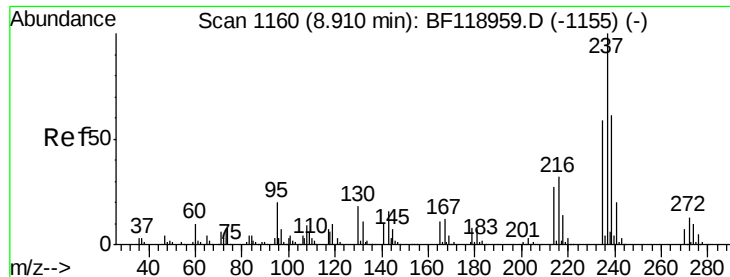
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time--> 8.85 8.90 8.95 9.00



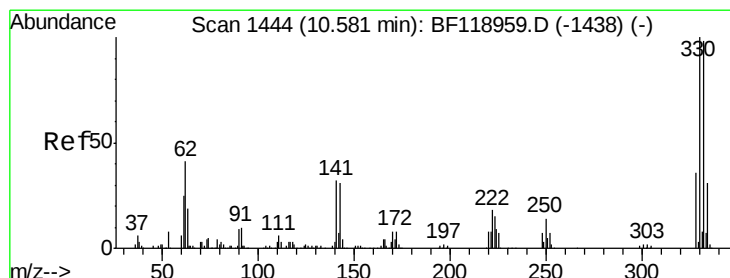
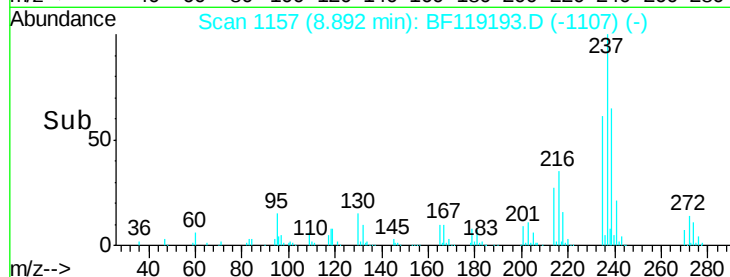
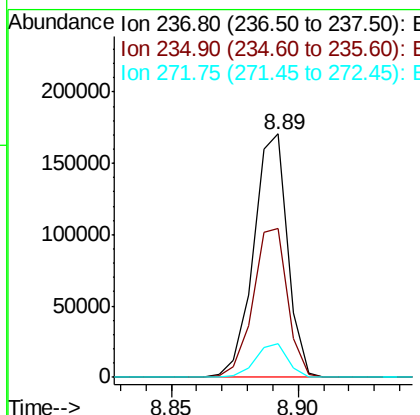
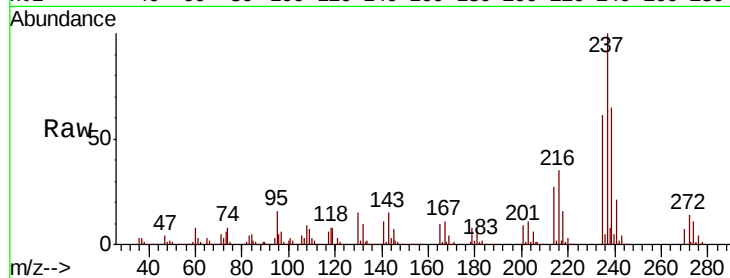
Time--> 8.85 8.90 8.95 9.00



#41
Hexachlorocyclopentadiene
Concen: 48.765 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

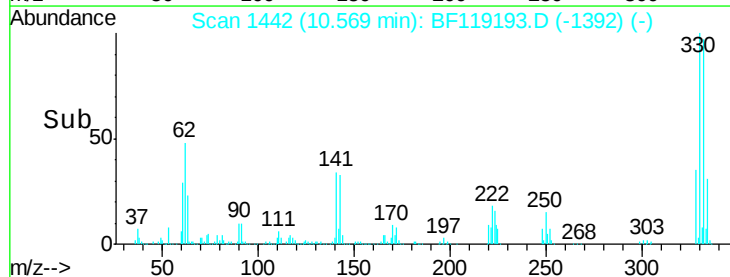
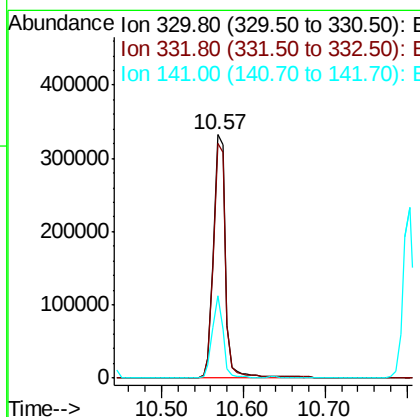
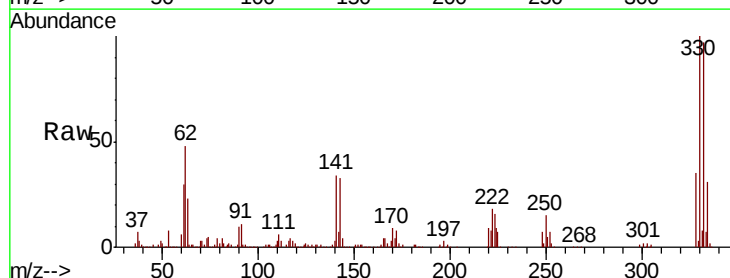
Instrument :
BNA_F
ClientSampleId :

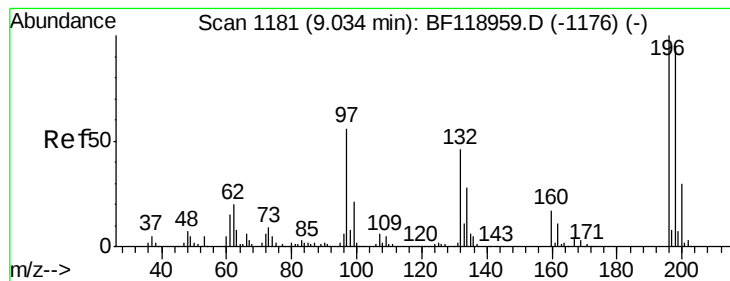
Tot Ion:237 Resp: 159053
Ion Ratio Lower Upper
237 100
235 60.9 42.3 82.3
272 14.1 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 90.980 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:330 Resp: 345775
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 29.8 22.9 34.3

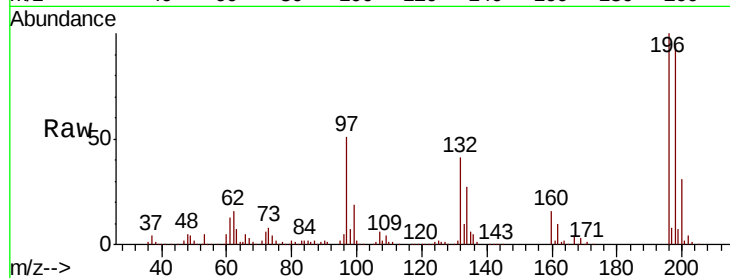




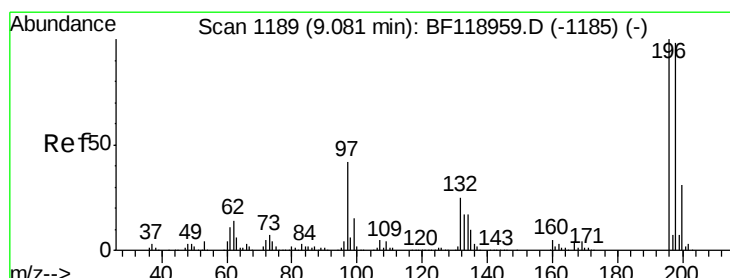
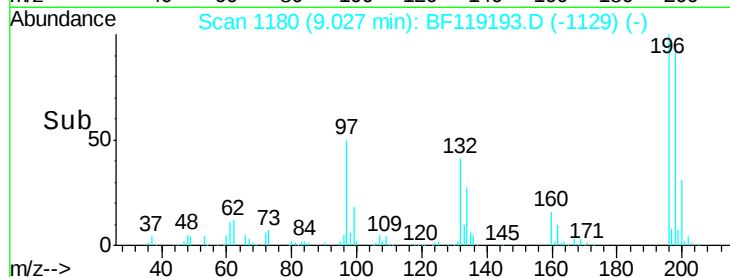
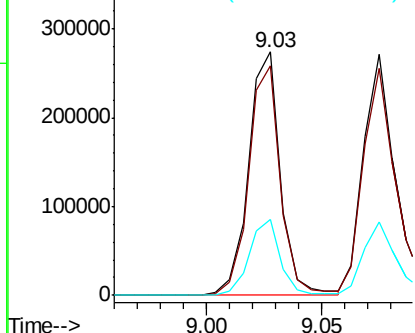
#43
 2,4,6-Trichlorophenol
 Concen: 42.621 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 263642
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.1 115.7
 200 31.2 25.0 37.6

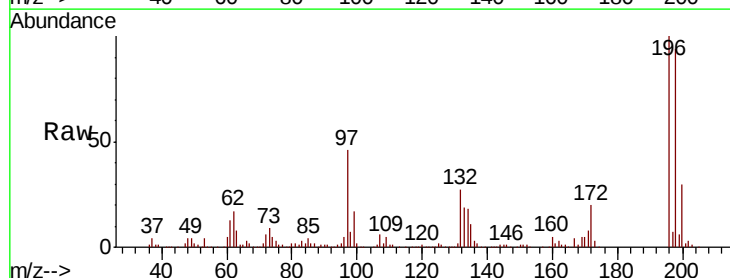


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

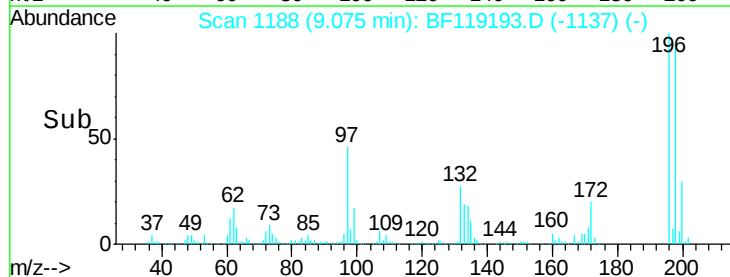
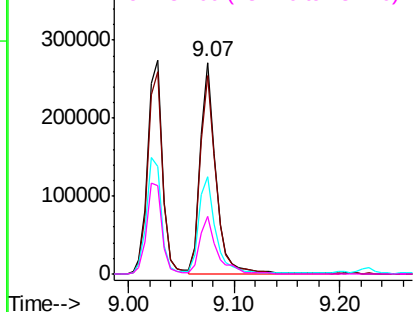


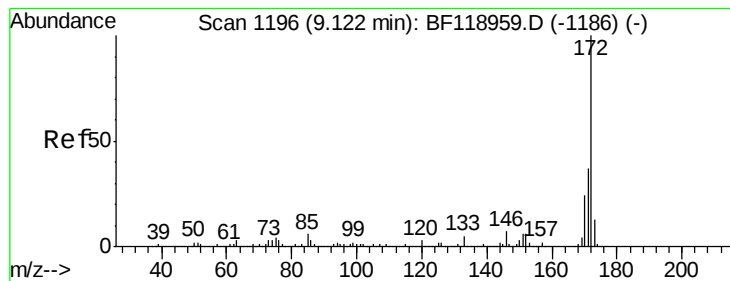
#44
 2,4,5-Trichlorophenol
 Concen: 42.037 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:196 Resp: 272863
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.8 115.2
 97 46.1 38.5 57.7
 132 27.4 22.2 33.4



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





#45

2-Fluorobiphenyl

Concen: 71.920 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

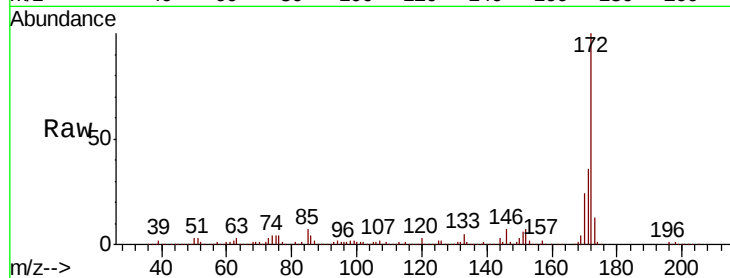
Tot Ion:172 Resp: 1418341

Ion Ratio Lower Upper

172 100

171 36.2 30.6 45.8

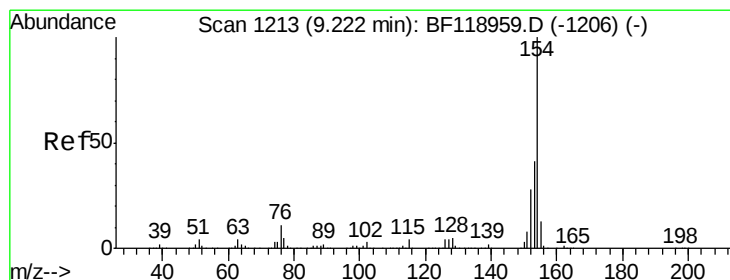
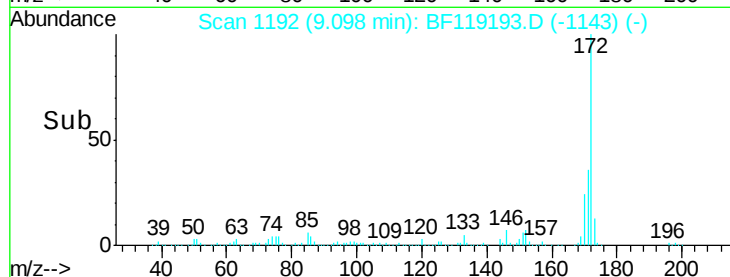
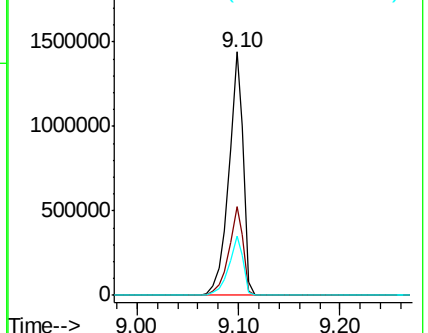
170 24.4 20.2 30.2



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: 42.952 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

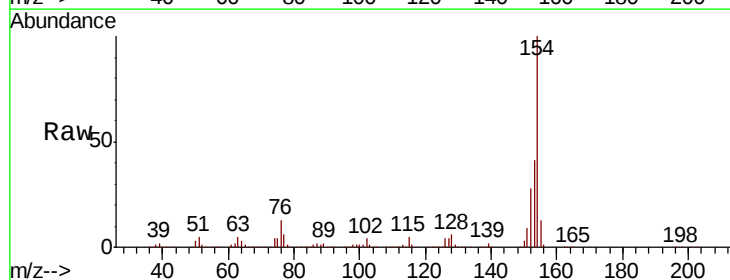
Tgt Ion:154 Resp: 1008538

Ion Ratio Lower Upper

154 100

153 41.5 22.8 62.8

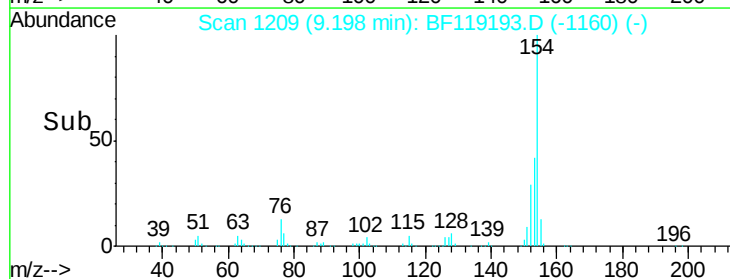
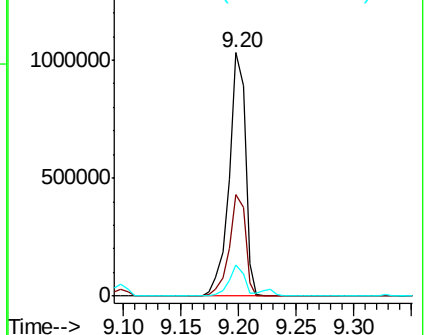
76 12.7 0.0 32.2

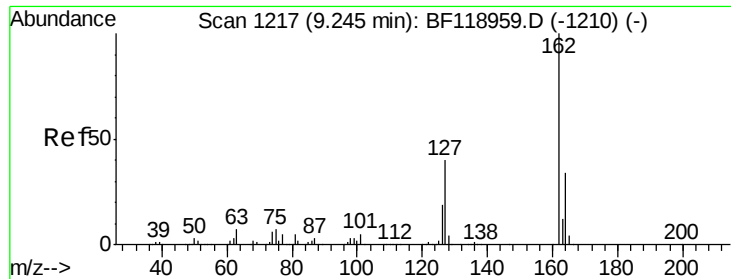


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

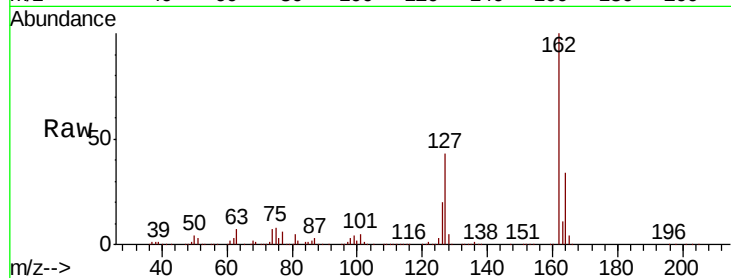




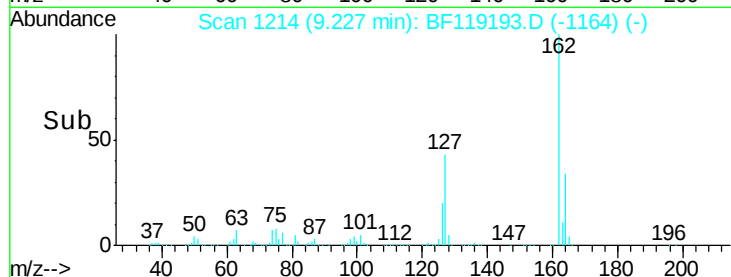
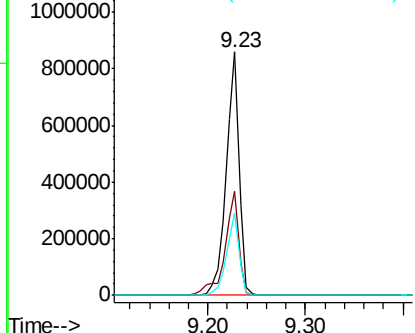
#47
 2-Chloronaphthalene
 Concen: 41.581 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 162 Resp: 786791
 Ion Ratio Lower Upper
 162 100
 127 42.7 35.0 52.4
 164 33.9 27.2 40.8

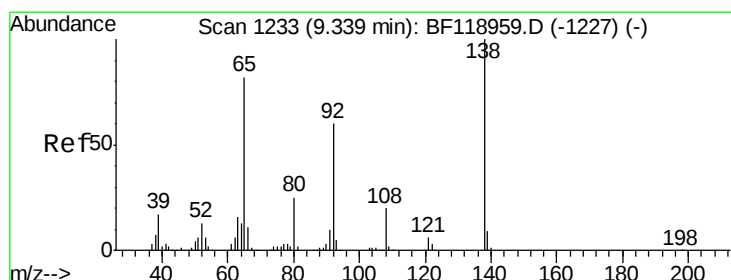


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

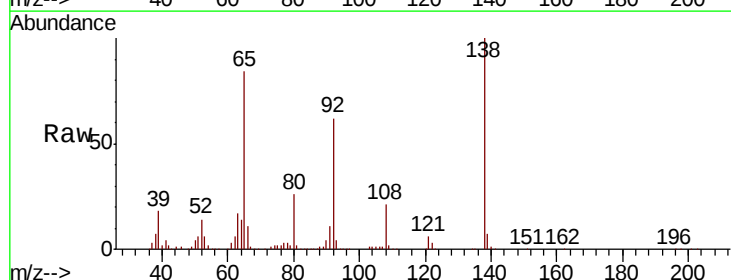
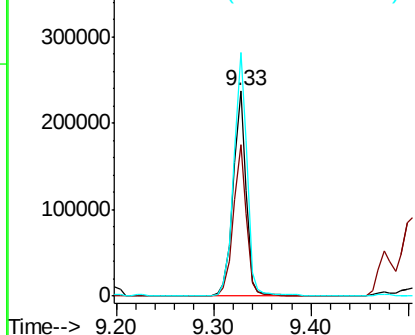


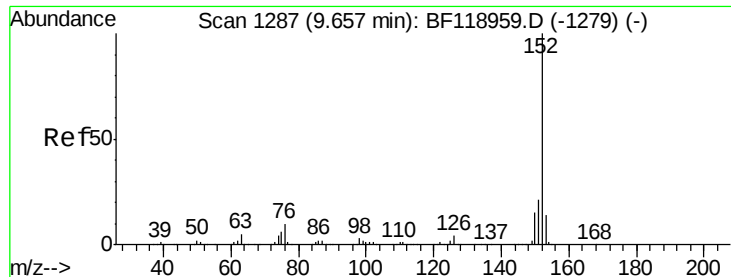
#48
 2-Nitroaniline
 Concen: 42.174 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion: 65 Resp: 222578
 Ion Ratio Lower Upper
 65 100
 92 74.0 58.2 87.2
 138 118.5 95.6 143.4



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





#49

Acenaphthylene

Concen: 43.468 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

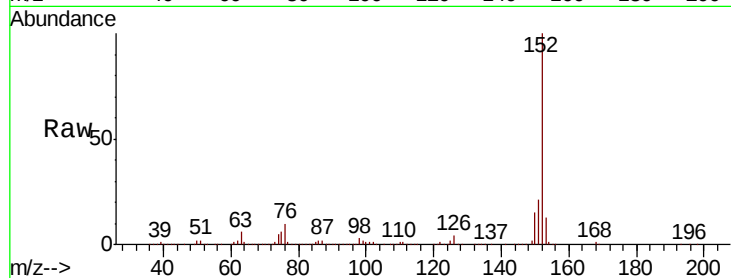
Tot Ion:152 Resp: 1187913

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

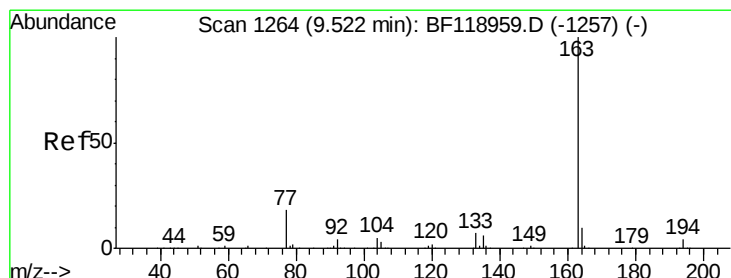
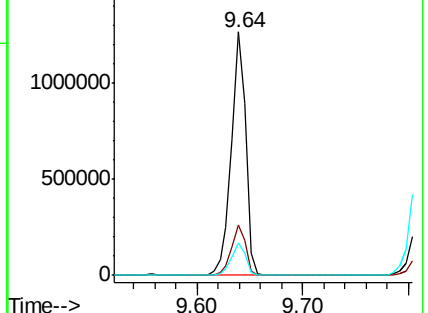
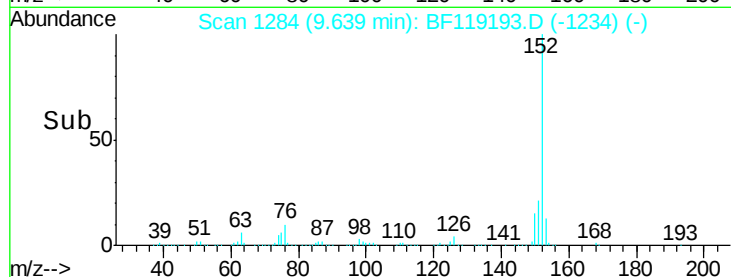
153 13.5 11.0 16.6



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: 52.767 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

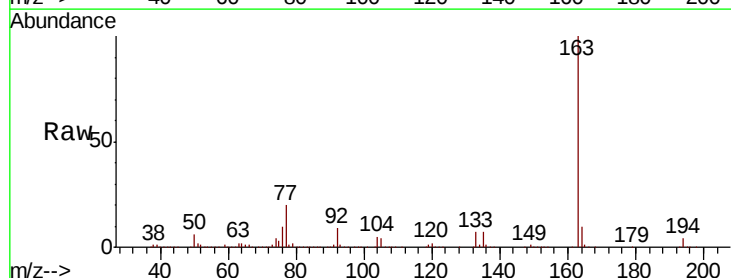
Tgt Ion:163 Resp: 1172257

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

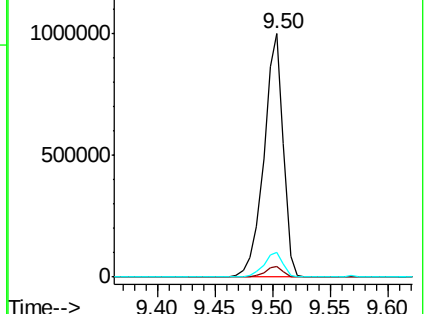
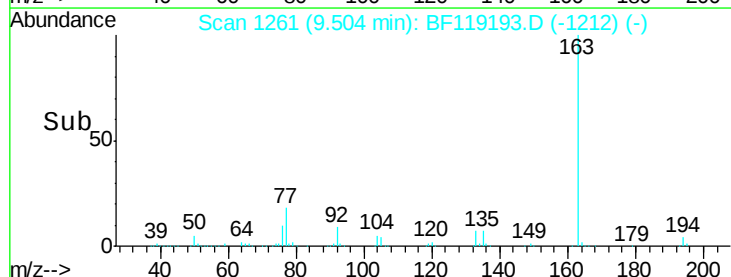
164 10.3 8.4 12.6

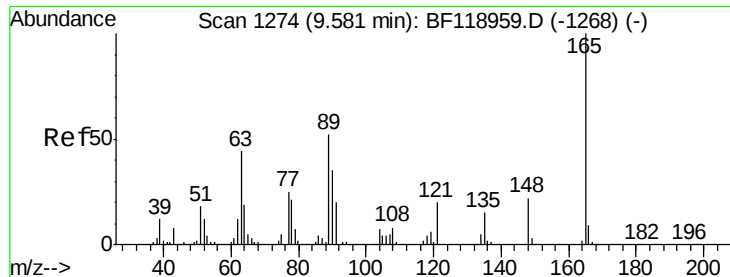


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

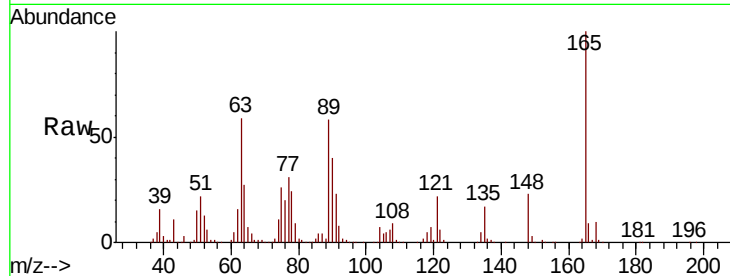




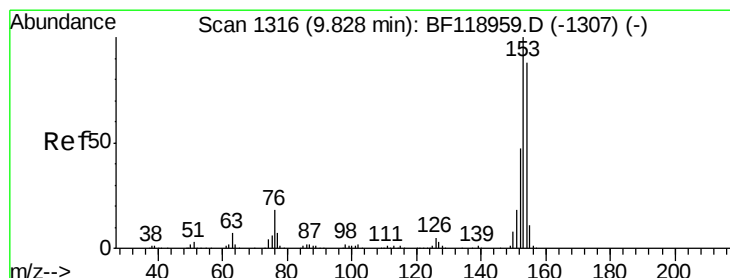
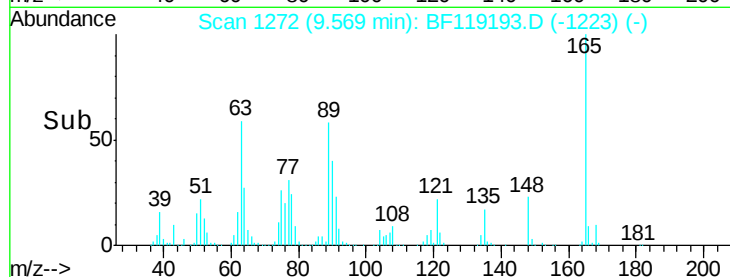
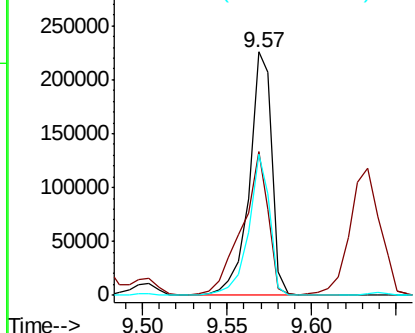
#51
2,6-Dinitrotoluene
Concen: 42.975 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 212112
Ion Ratio Lower Upper
165 100
63 59.2 34.3 51.5#
89 57.8 38.3 57.5#

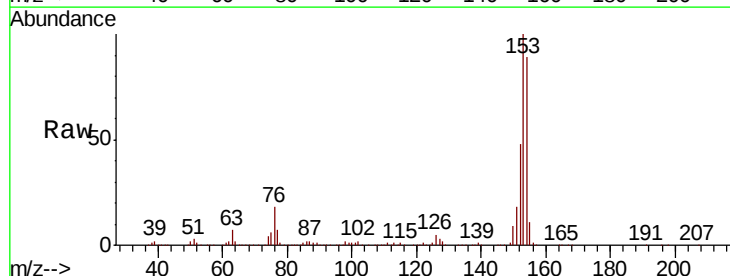


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

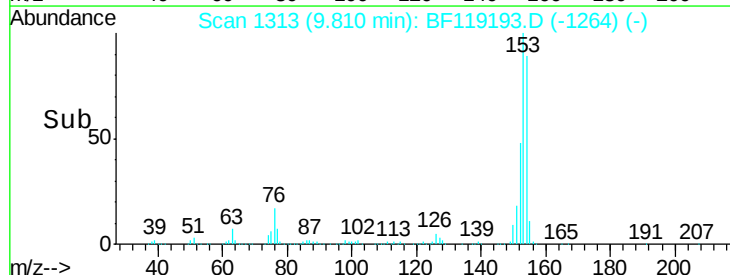
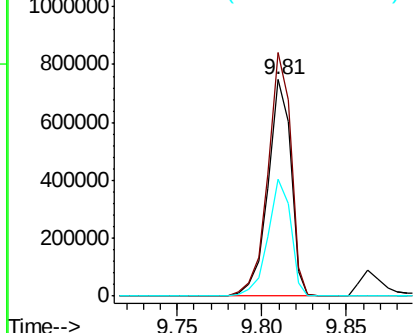


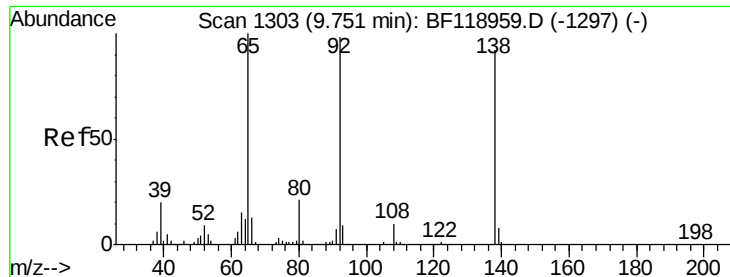
#52
Acenaphthene
Concen: 42.779 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:154 Resp: 704937
Ion Ratio Lower Upper
154 100
153 112.4 90.3 135.5
152 53.9 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

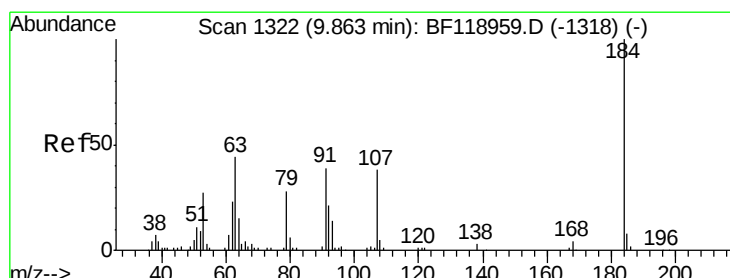
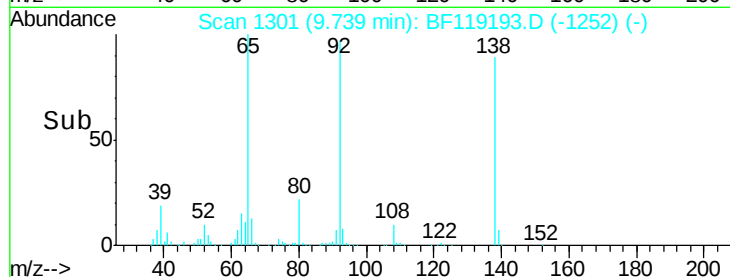
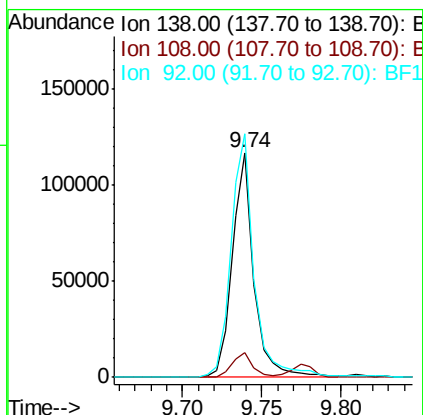
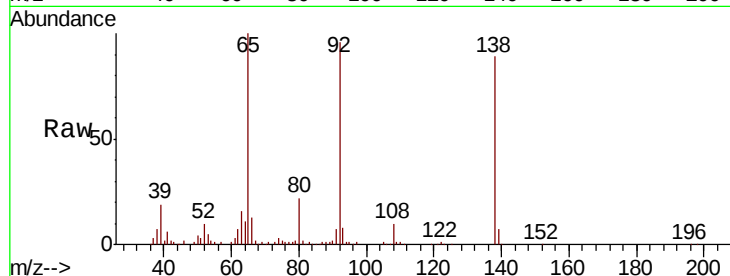




#53
3-Nitroaniline
Concen: 20.236 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

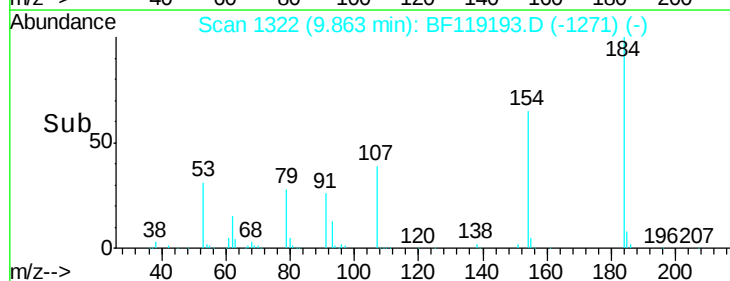
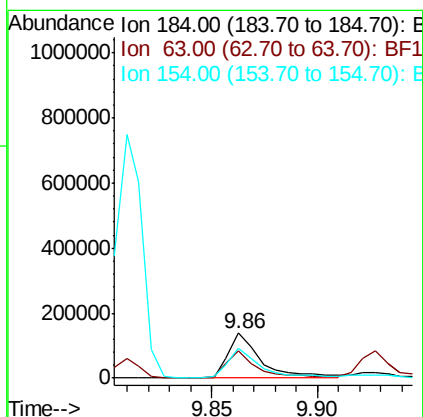
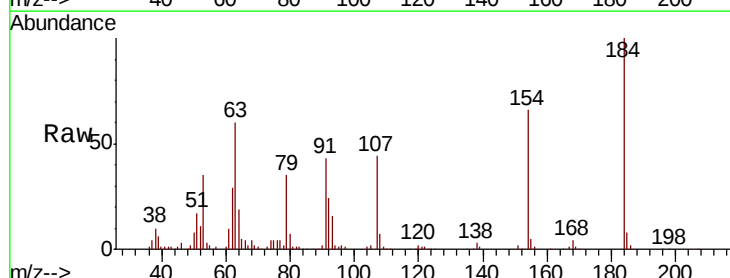
Instrument :
BNA_F
ClientSampleId :

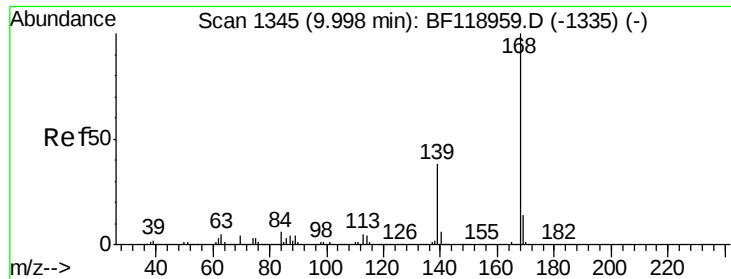
Tot Ion:138 Resp: 110728
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 108.5 84.8 127.2



#54
2,4-Dinitrophenol
Concen: 63.887 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:184 Resp: 149272
Ion Ratio Lower Upper
184 100
63 59.8 38.7 58.1#
154 65.8 49.7 74.5

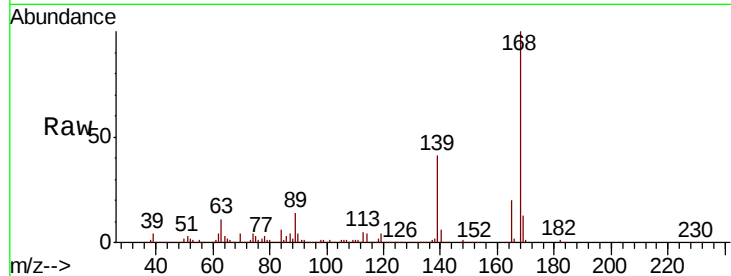




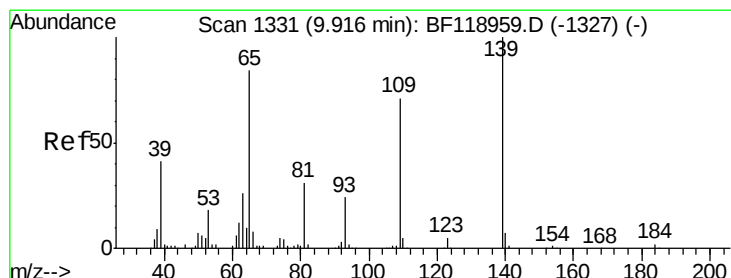
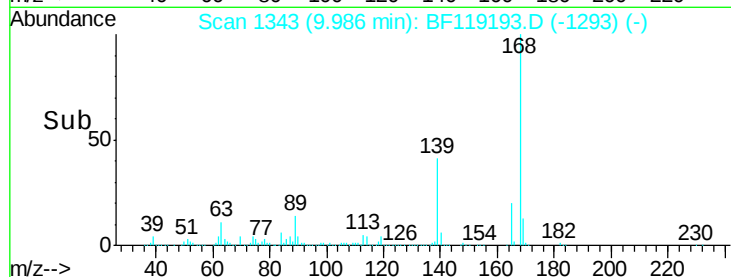
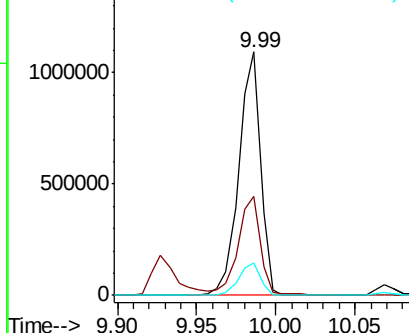
#55
Dibenzofuran
Concen: 42.072 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1034797
Ion Ratio Lower Upper
168 100
139 40.5 34.0 51.0
169 13.3 11.0 16.4

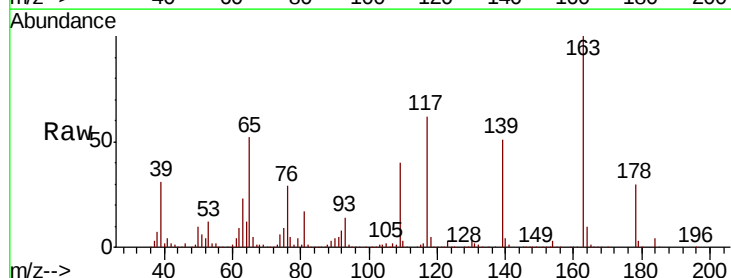


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

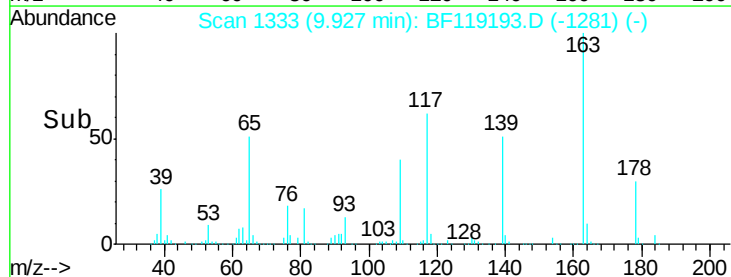
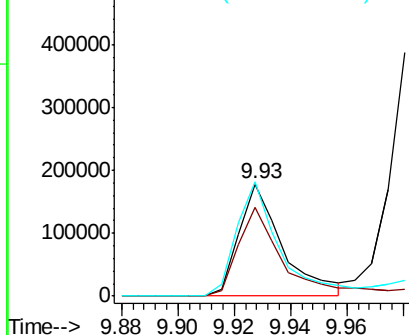


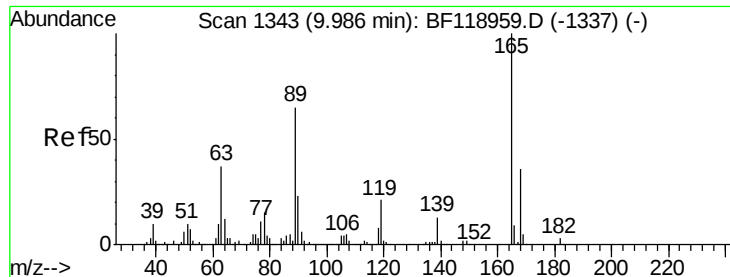
#56
4-Nitrophenol
Concen: 58.460 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:139 Resp: 192193
Ion Ratio Lower Upper
139 100
109 79.6 56.7 96.7
65 101.7 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

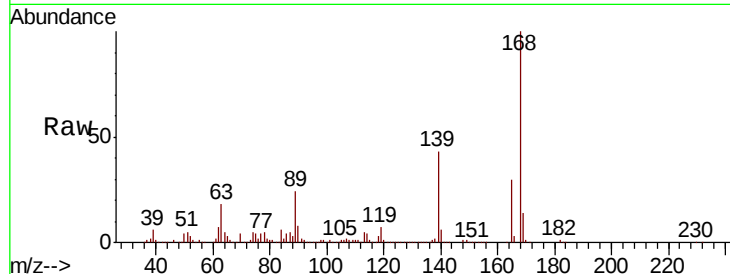




#57
2,4-Dinitrotoluene
Concen: 40.705 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.1	42.3	63.5
89	80.6	60.2	90.4
182	2.9	2.3	3.5



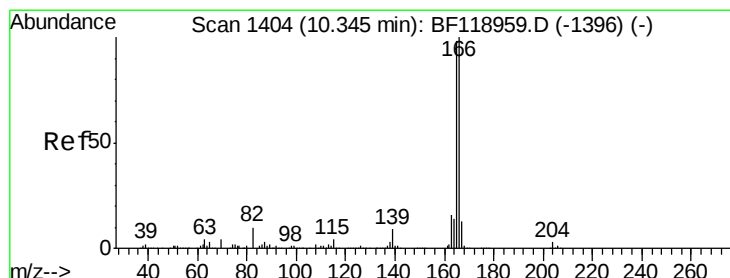
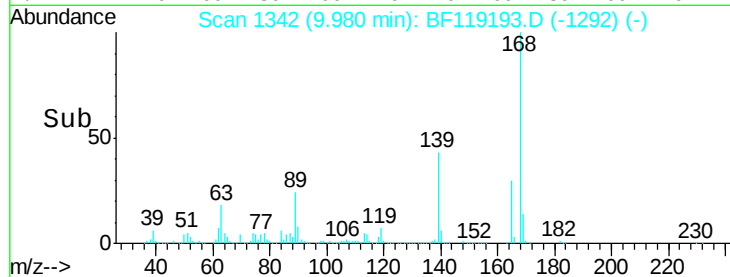
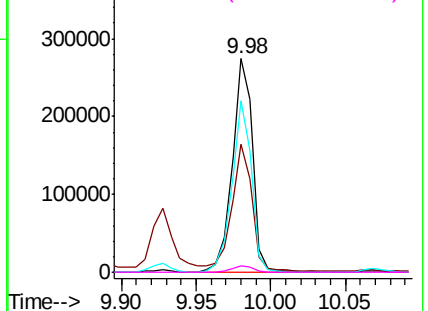
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

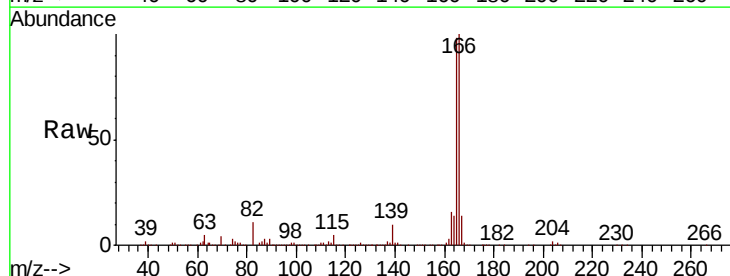
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.159 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.5	117.7
167	13.7	11.0	16.4

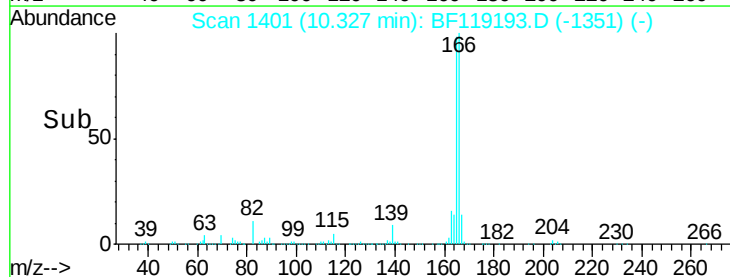
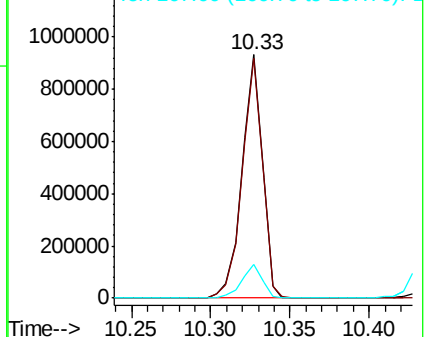


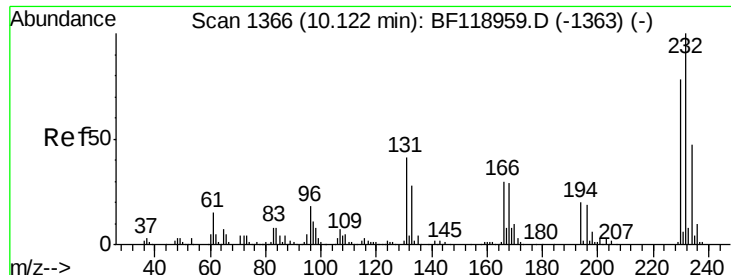
Abundance

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

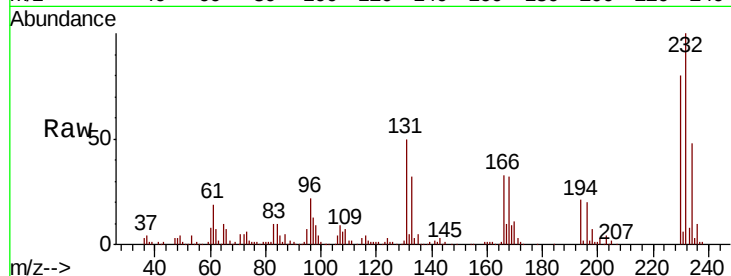




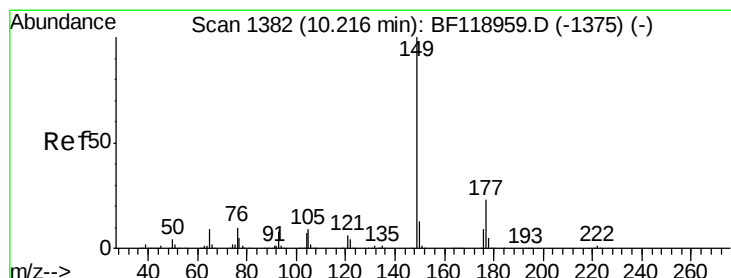
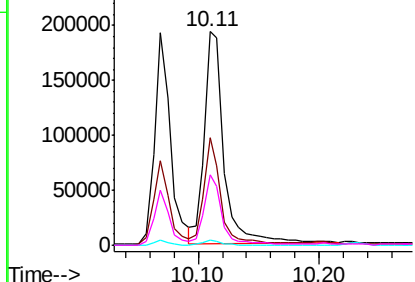
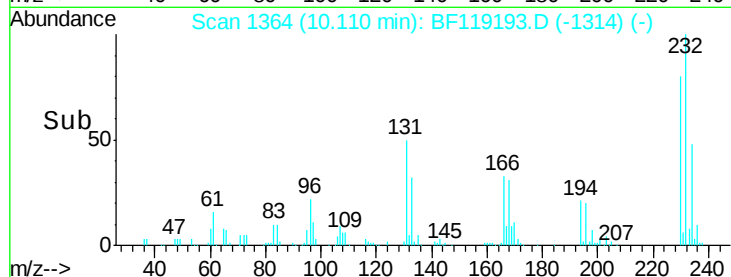
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.360 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:232 Resp: 215576
Ion Ratio Lower Upper
232 100
131 42.5 33.8 50.8
130 2.4 1.8 2.6
166 29.3 23.0 34.4

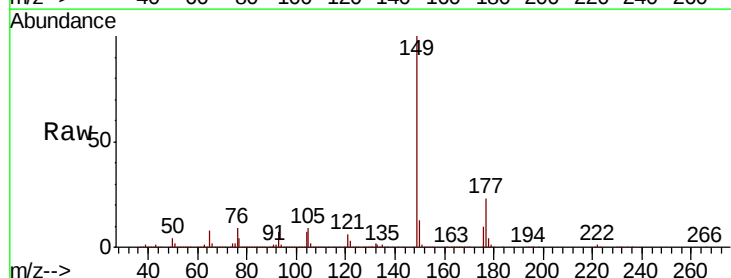


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

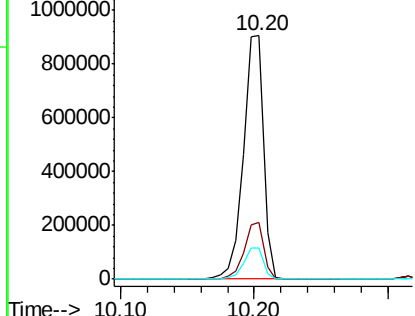
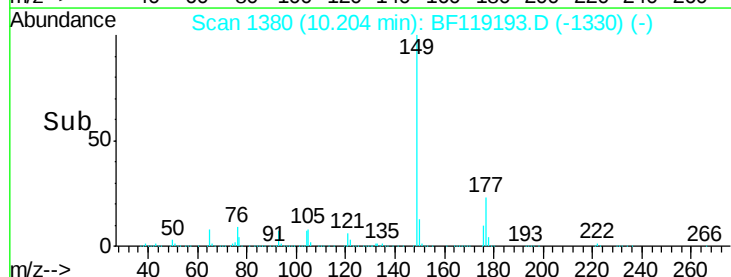


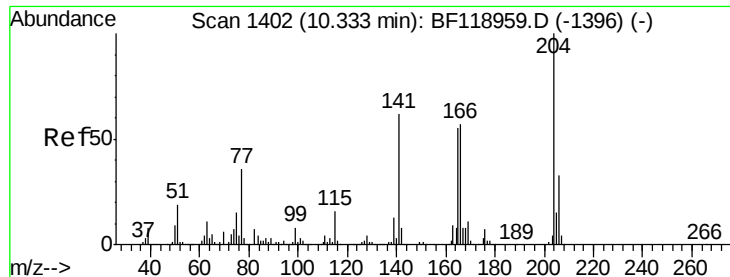
#60
Diethylphthalate
Concen: 44.931 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:149 Resp: 940679
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.2
150 12.6 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

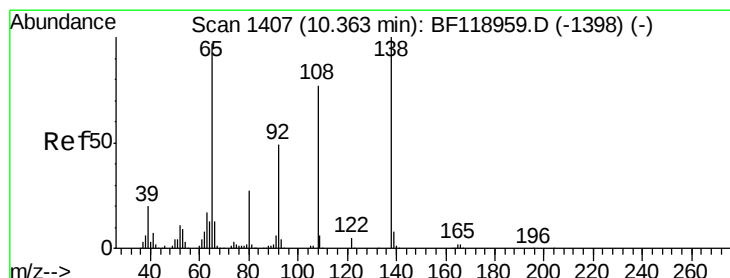
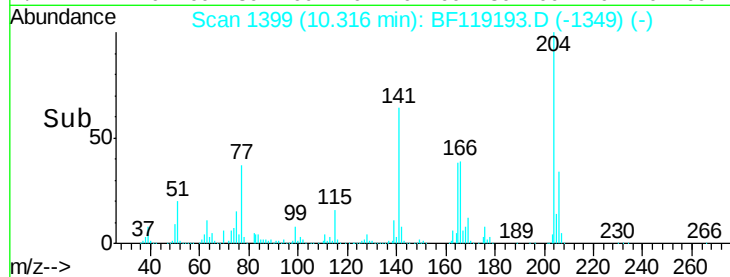
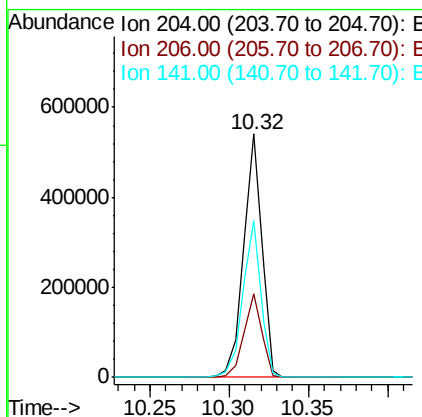
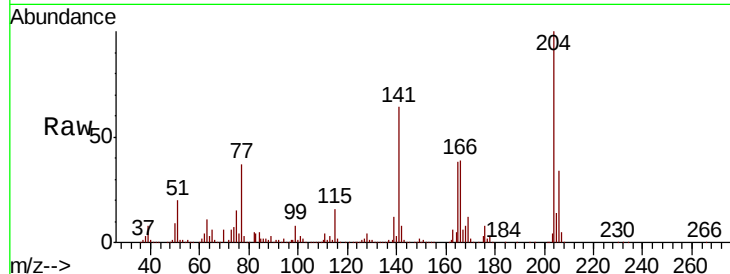




#61
 4-Chlorophenyl-phenylether
 Concen: 42.818 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

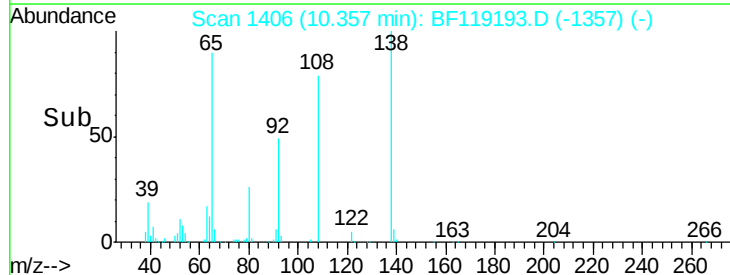
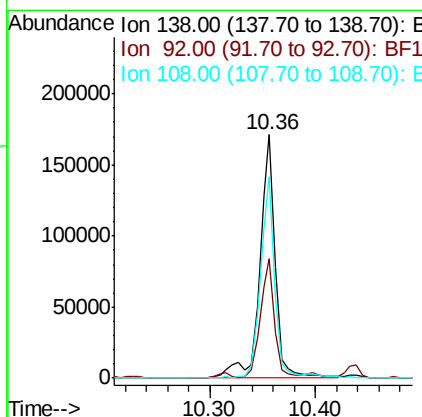
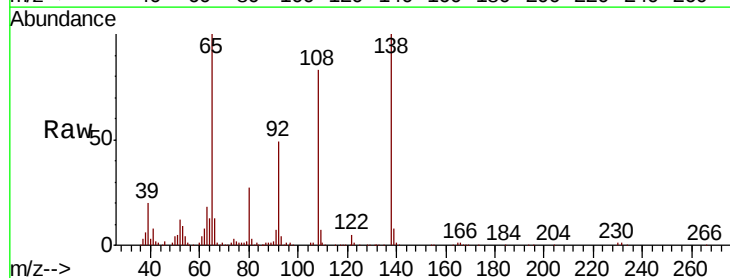
Instrument :
 BNA_F
 ClientSampleId :

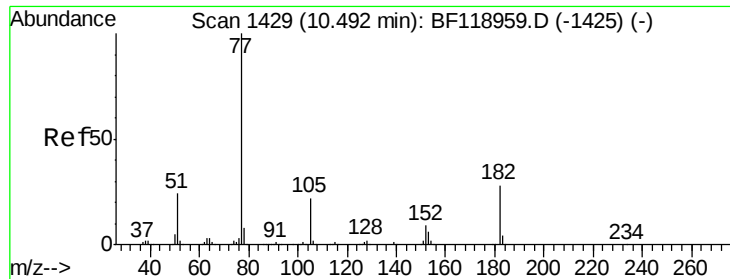
Tot Ion:	204	Resp:	433176
Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.1	40.7
141	64.2	52.9	79.3



#62
 4-Nitroaniline
 Concen: 32.094 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:	138	Resp:	179670
Ion	Ratio	Lower	Upper
138	100		
92	49.1	27.3	67.3
108	82.8	57.0	97.0

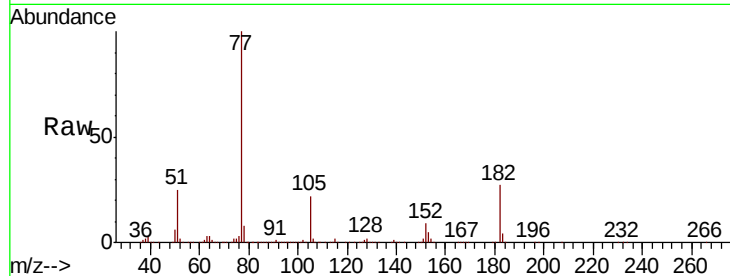




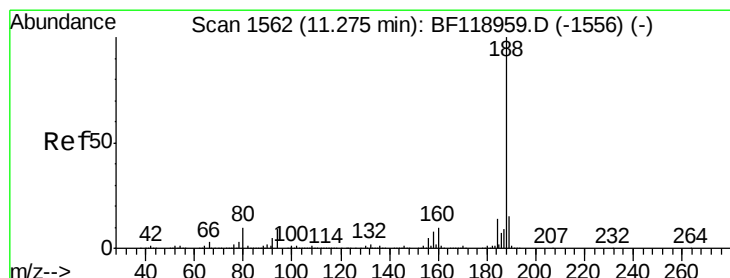
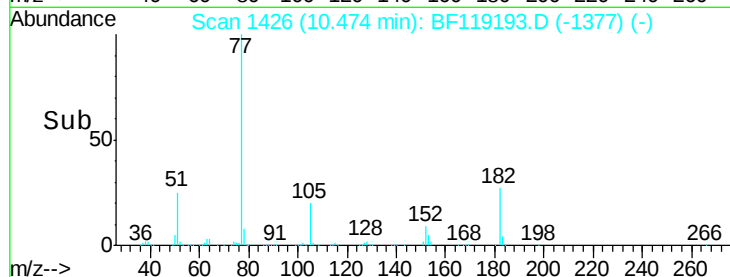
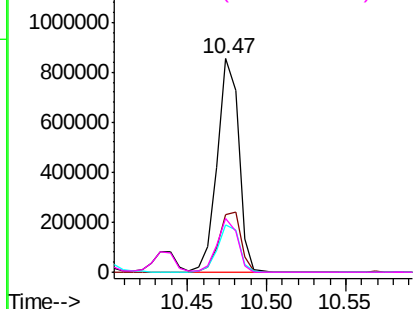
#63
Azobenzene
Concen: 44.048 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 801574
Ion Ratio Lower Upper
77 100
182 27.1 11.4 51.4
105 22.0 3.4 43.4
51 25.1 5.1 45.1

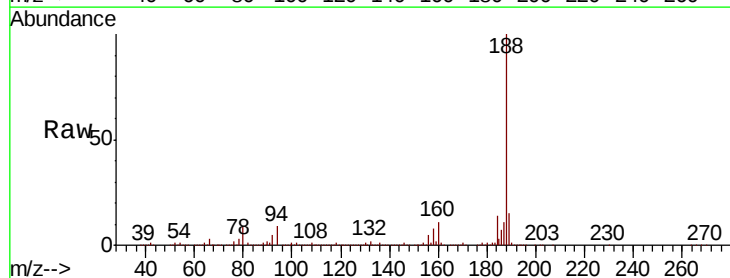


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

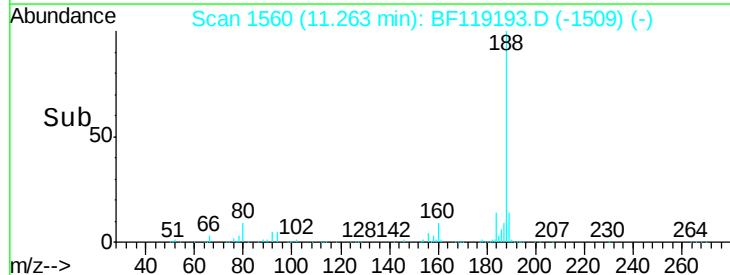
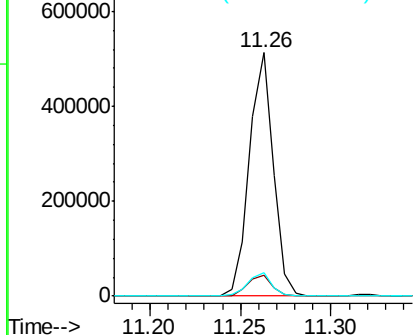


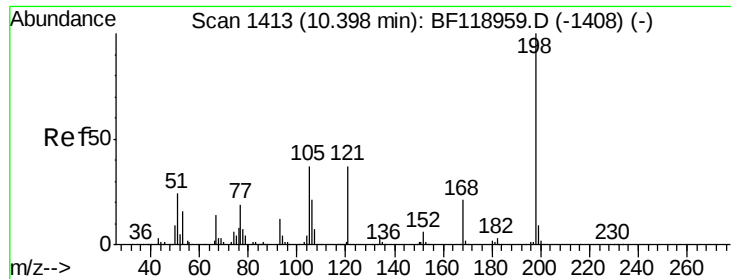
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion: 188 Resp: 470035
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.5 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

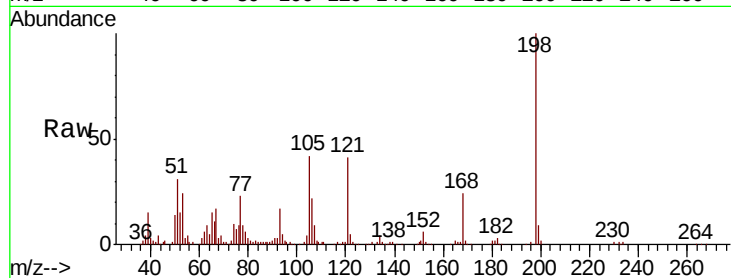




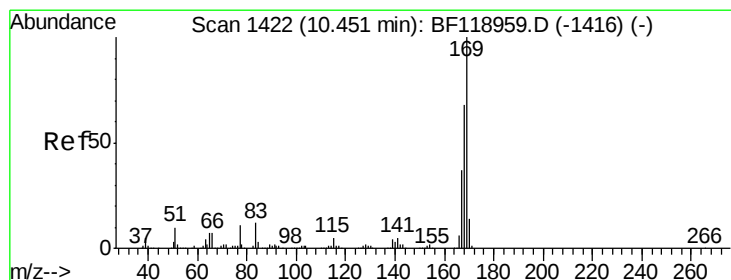
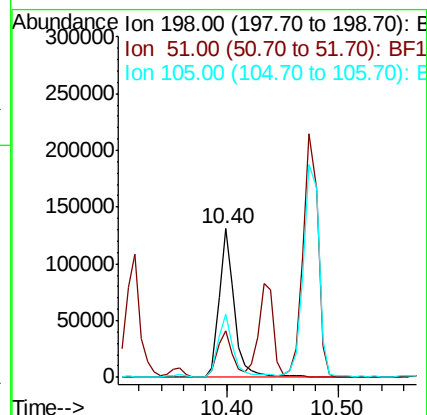
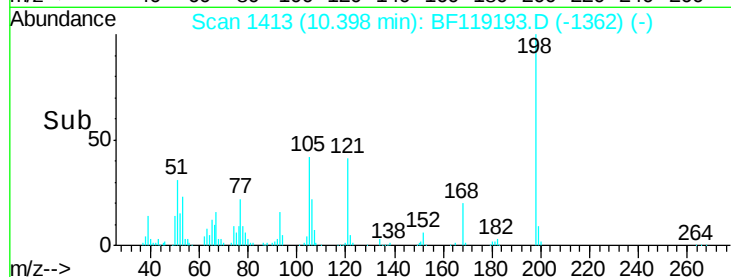
#65
4,6-Dinitro-2-methylphenol
Concen: 44.173 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
198	100		
51	31.0	14.2	54.2
105	42.1	22.7	62.7

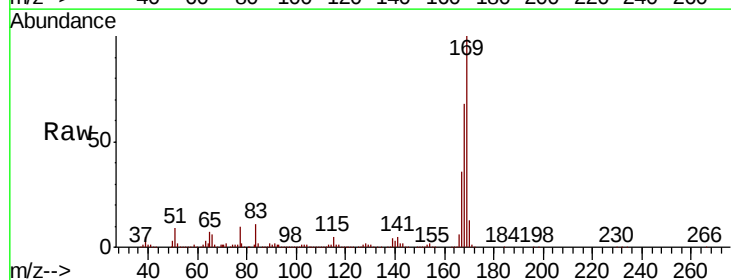


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

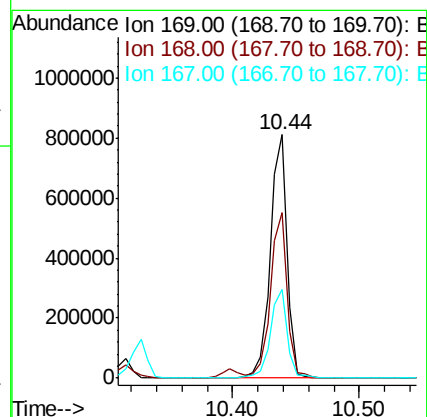
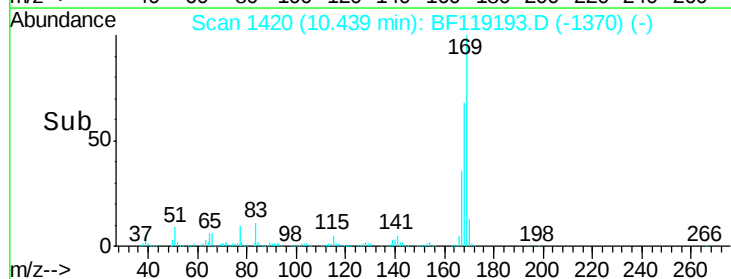


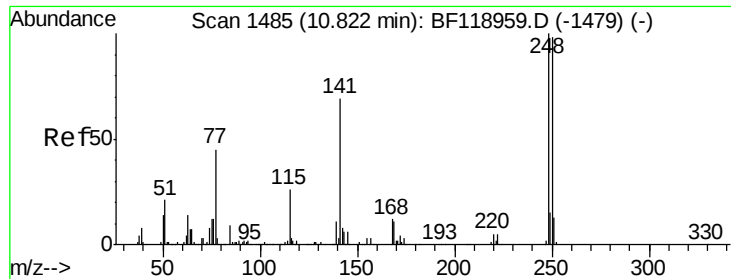
#66
n-Nitrosodiphenylamine
Concen: 48.664 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	36.5	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

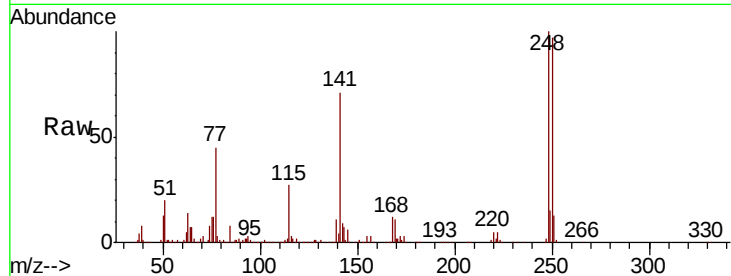




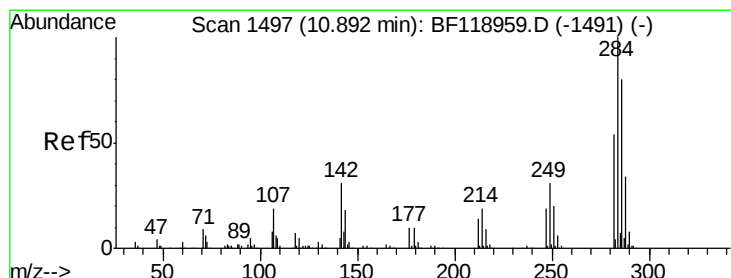
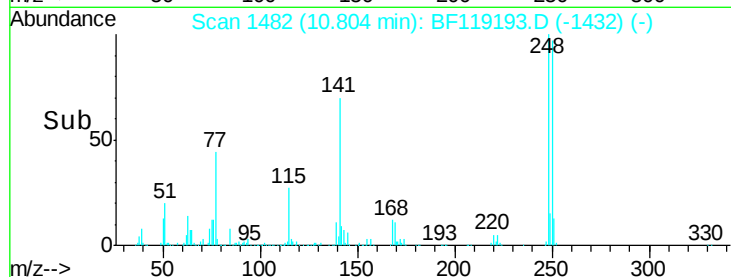
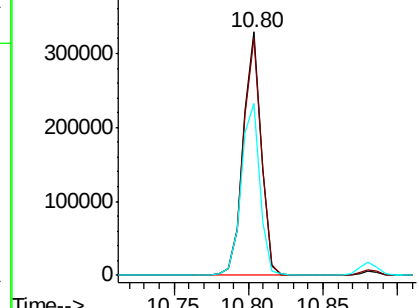
#67
4-Bromophenyl-phenylether
Concen: 45.059 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 276839
Ion Ratio Lower Upper
248 100
250 97.4 76.7 115.1
141 70.5 60.7 91.1

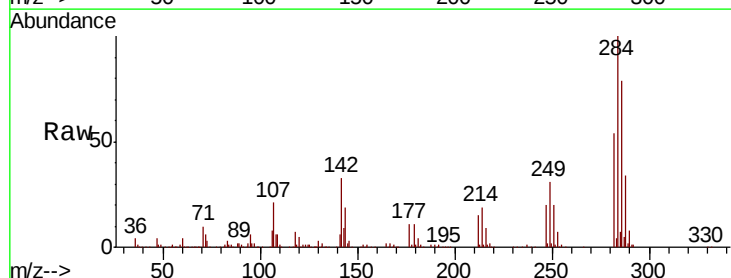


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

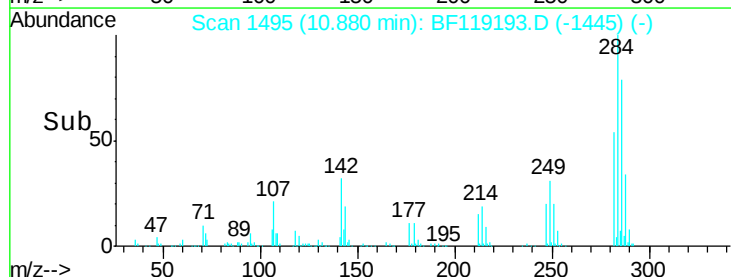
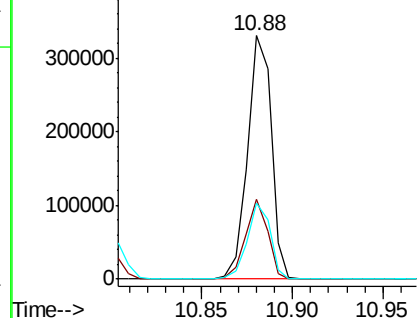


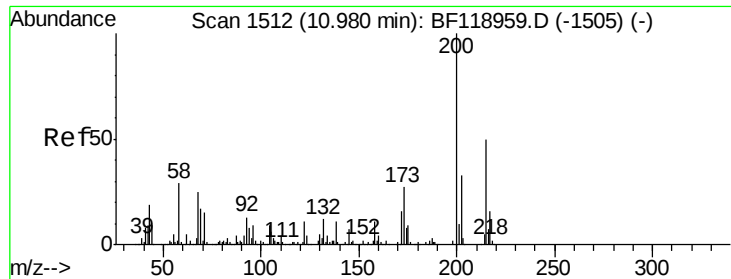
#68
Hexachlorobenzene
Concen: 42.674 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:284 Resp: 302289
Ion Ratio Lower Upper
284 100
142 32.7 23.7 35.5
249 31.0 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

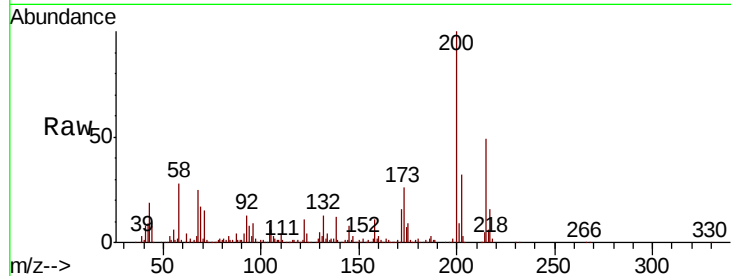




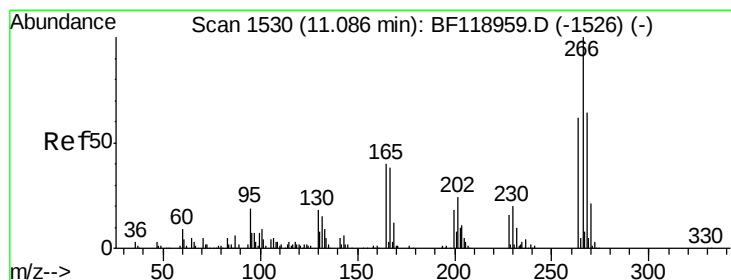
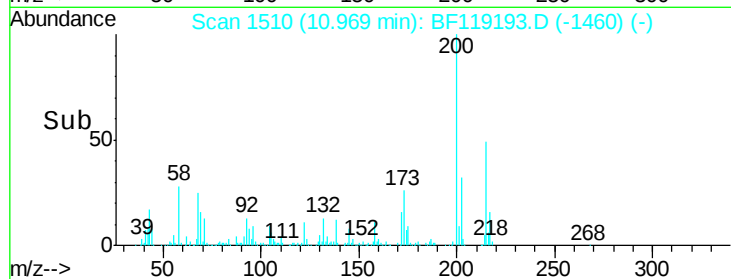
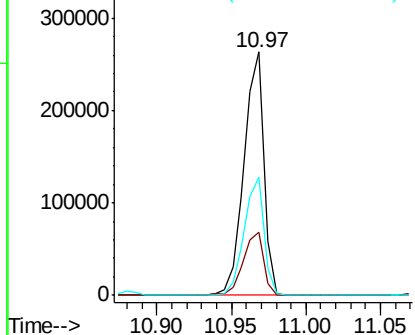
#69
Atrazine
Concen: 45.334 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	6.4	46.4
215	48.8	27.4	67.4

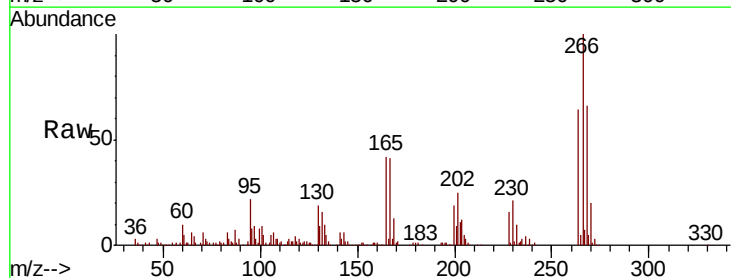


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

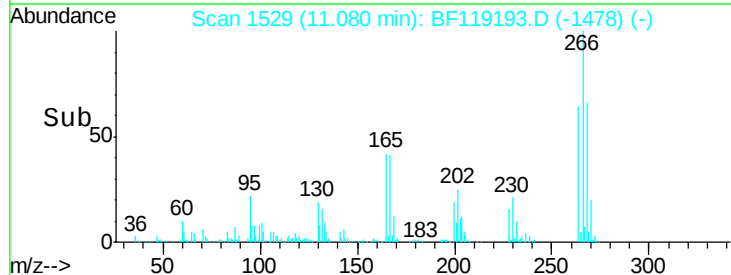
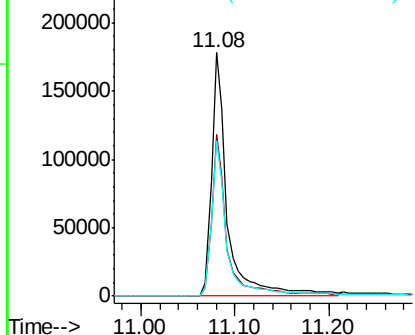


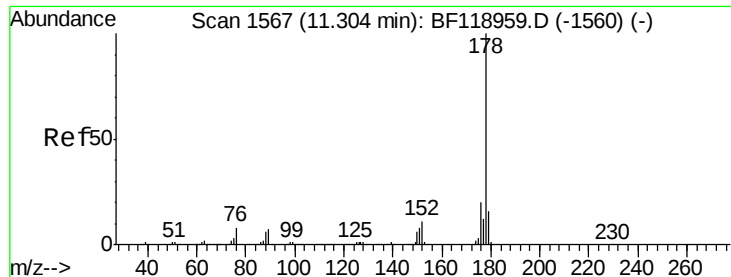
#70
Pentachlorophenol
Concen: 73.858 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.9	77.9
264	63.8	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: 46.673 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

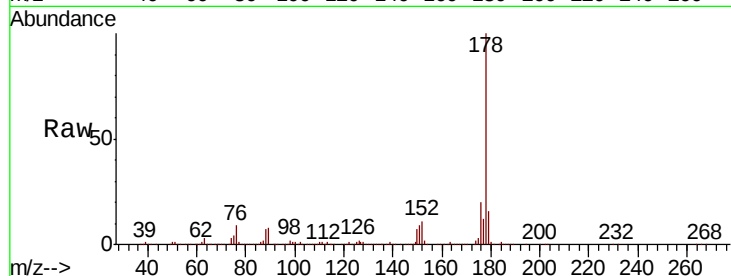
Tot Ion:178 Resp: 1196393

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

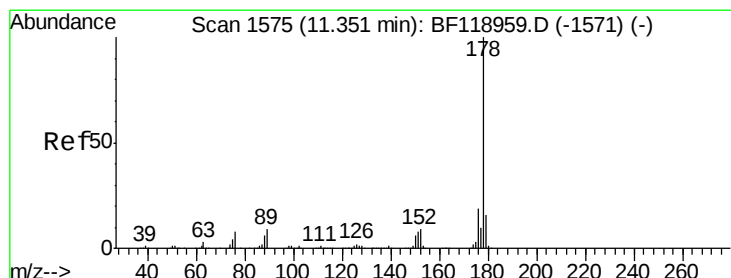
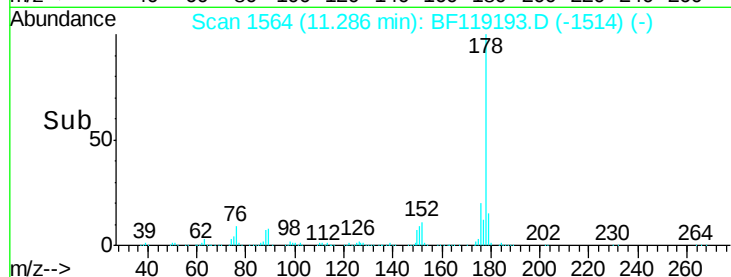
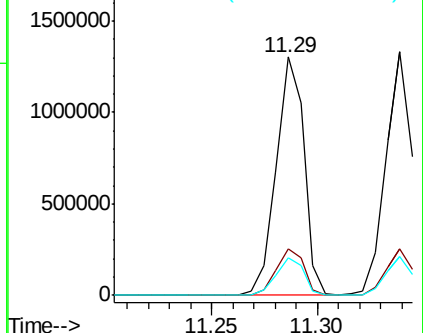
179 16.0 13.0 19.6



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: 45.991 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

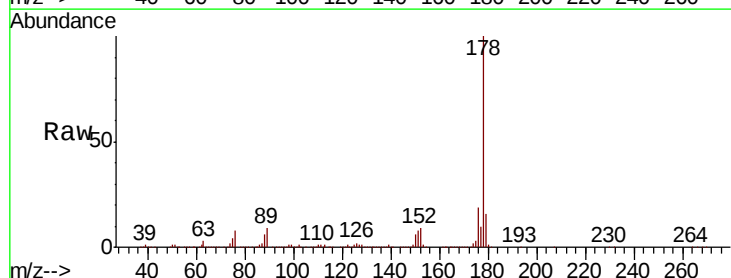
Tgt Ion:178 Resp: 1177932

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

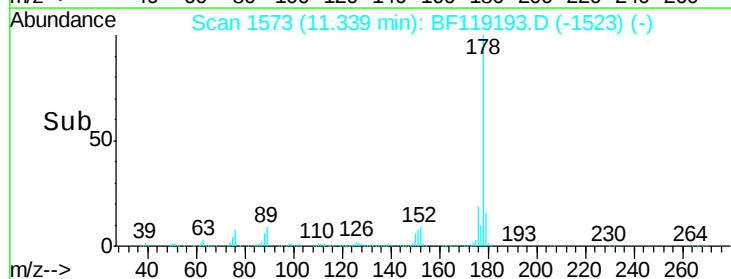
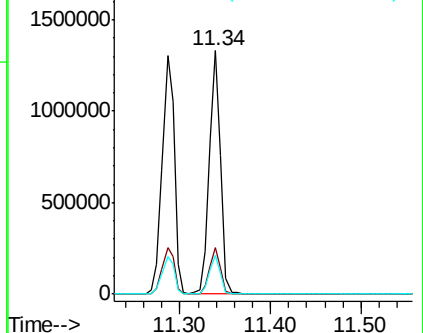
179 16.1 13.1 19.7

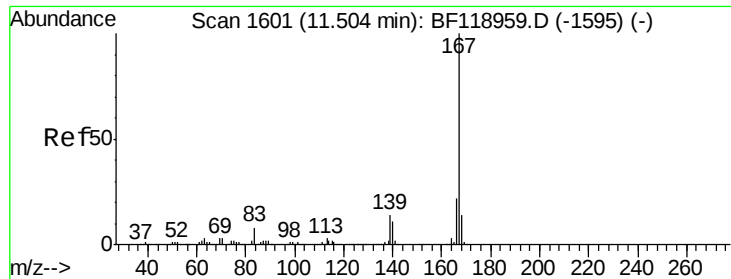


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

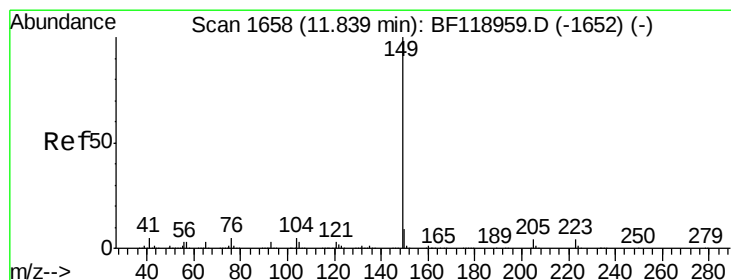
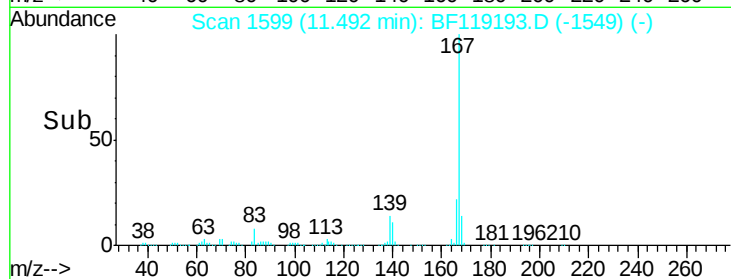
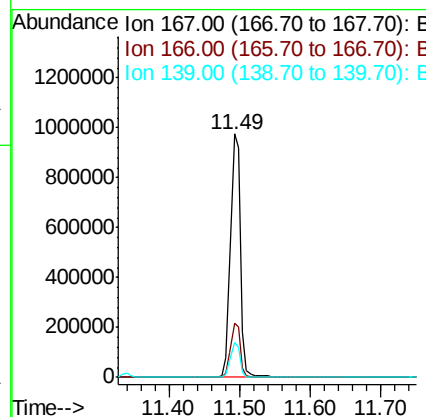
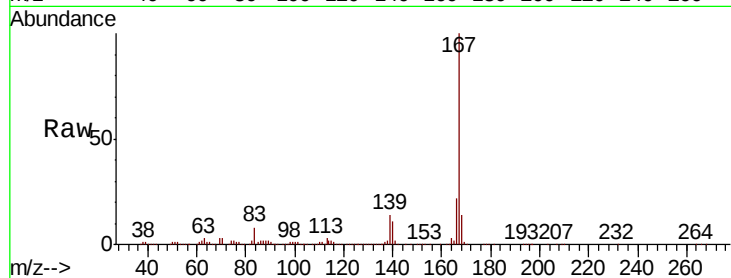




#73
 Carbazole
 Concen: 41.834 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

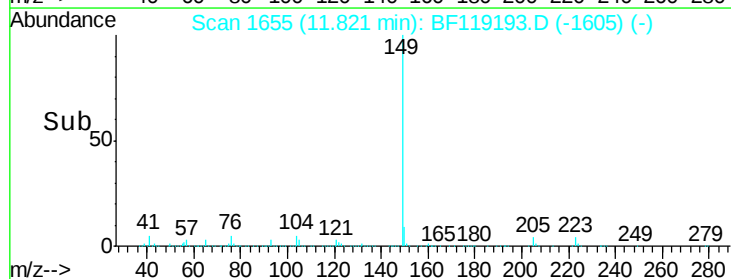
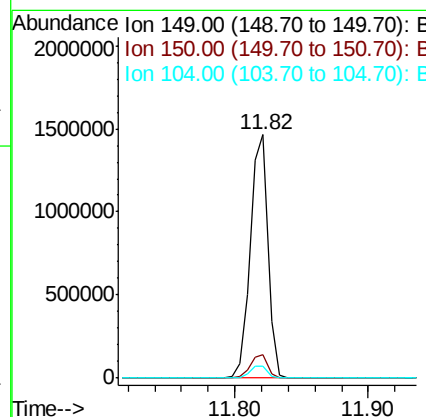
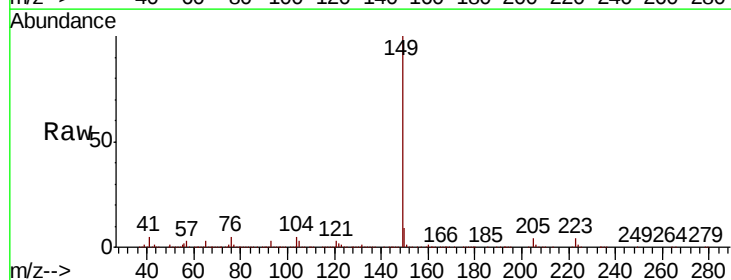
Instrument :
 BNA_F
 ClientSampleId :

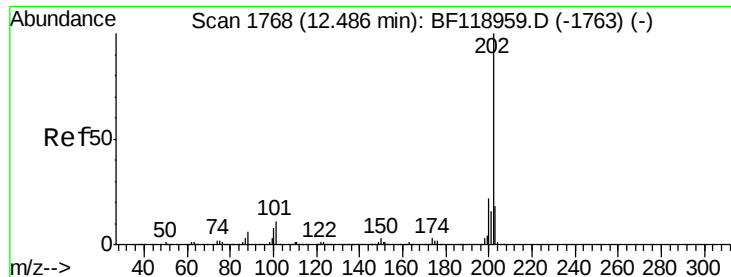
Tot Ion:167 Resp: 954540
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.4
 139 14.3 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 47.882 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119193.D
 Acq: 4 Mar 2020 14:26

Tgt Ion:149 Resp: 1323055
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.0 4.6 6.8





#75

Fluoranthene

Concen: 42.289 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

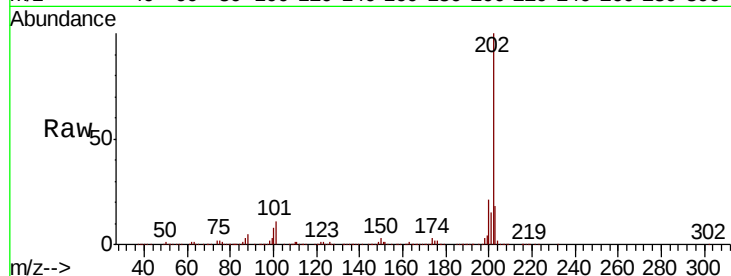
Tot Ion:202 Resp: 1150651

Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.3

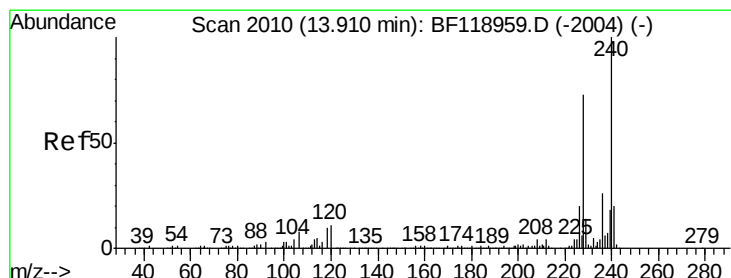
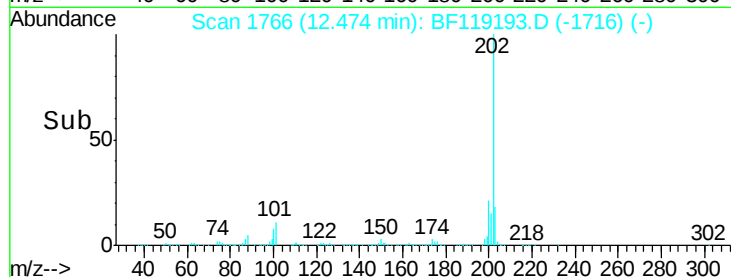
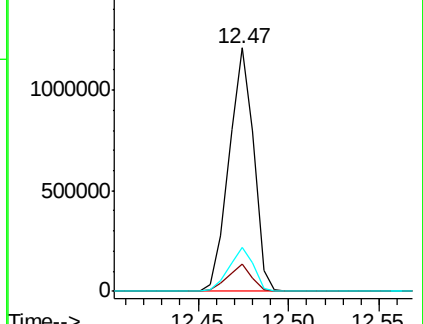
203 18.1 0.0 38.4



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: BF119193.D

Acq: 4 Mar 2020 14:26

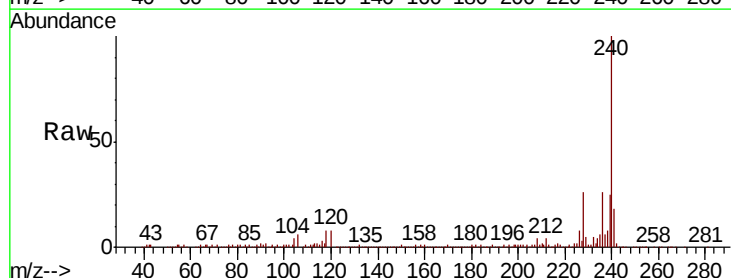
Tgt Ion:240 Resp: 260232

Ion Ratio Lower Upper

240 100

120 8.3 8.4 12.6#

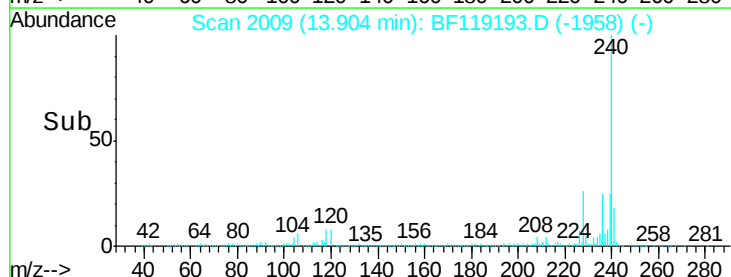
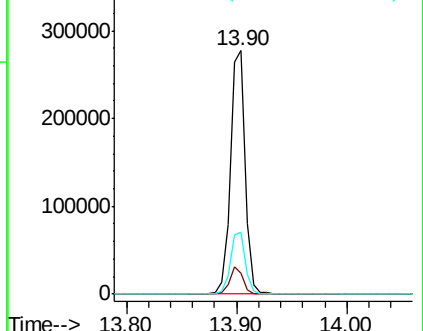
236 25.6 21.0 31.4

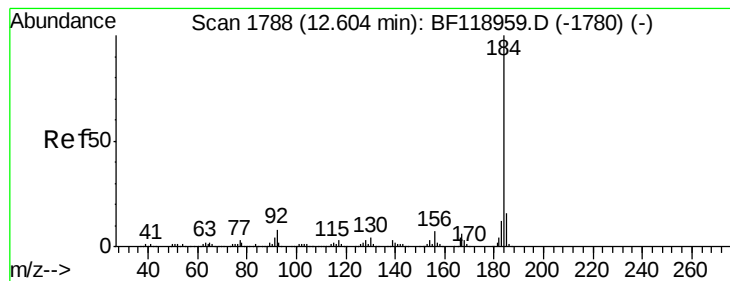


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.753 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

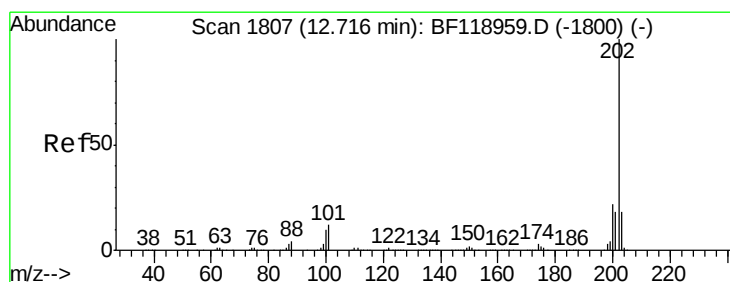
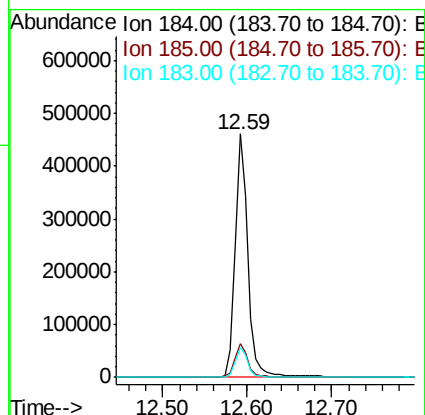
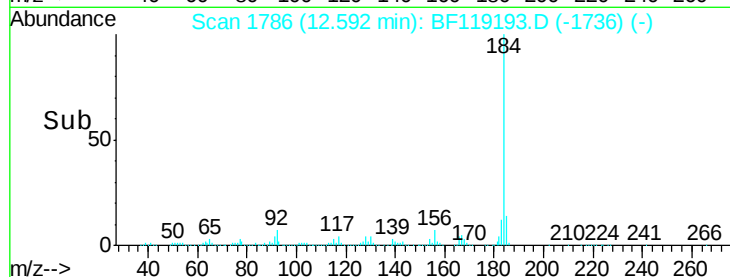
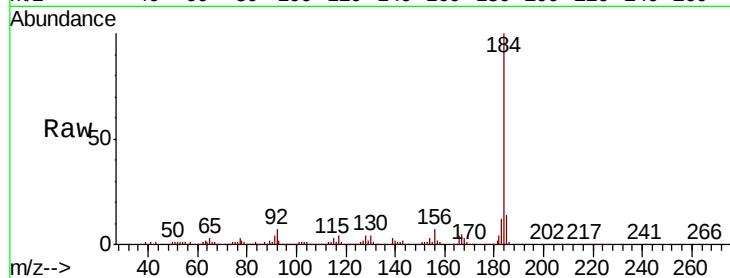
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 473642

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.2	18.4
183	12.1	9.9	14.9



#78

Pyrene

Concen: 52.970 ng

RT: 12.70 min Scan# 1805

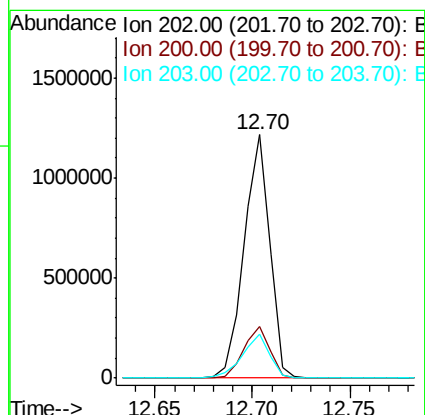
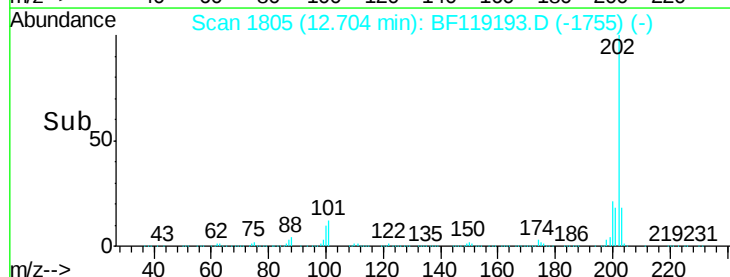
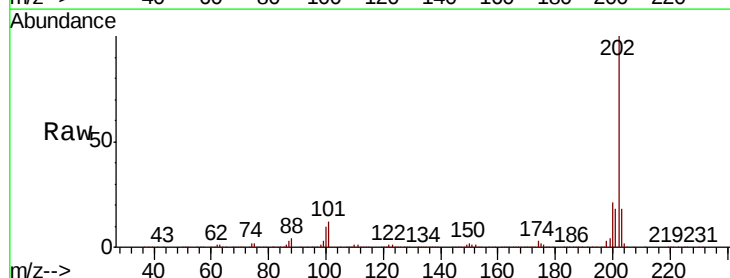
Delta R.T. -0.01 min

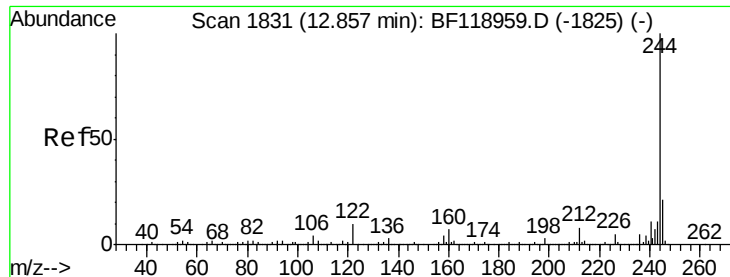
Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:202 Resp: 1106888

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	17.9	14.6	22.0





#79

Terphenyl-d14

Concen: 87.760 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

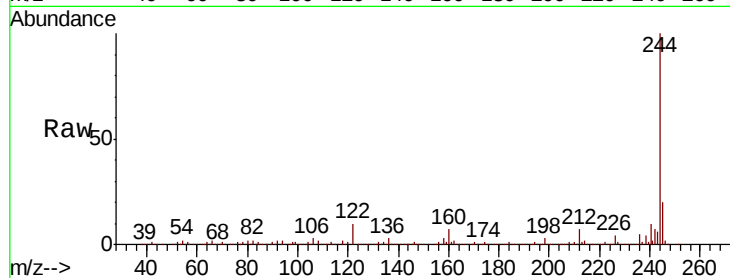
Tot Ion:244 Resp: 1326493

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

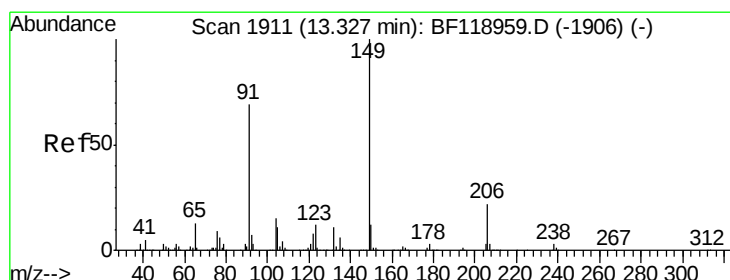
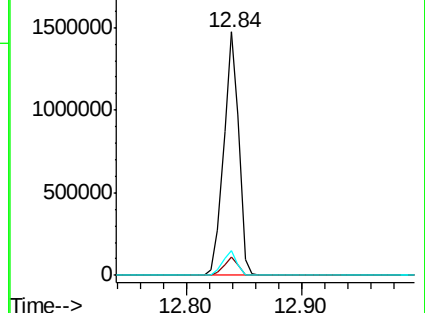
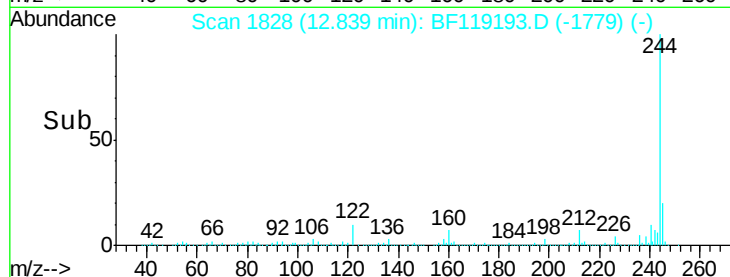
122 10.2 8.2 12.2



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: 50.474 ng

RT: 13.31 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

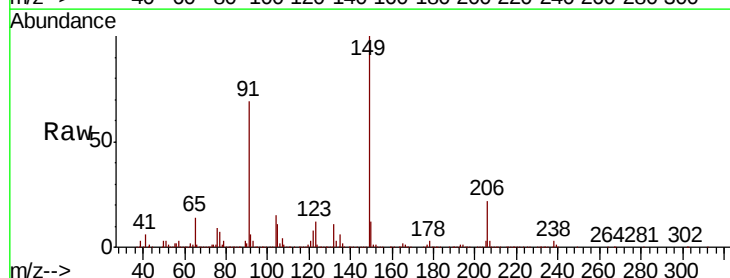
Tgt Ion:149 Resp: 443902

Ion Ratio Lower Upper

149 100

91 68.7 52.3 78.5

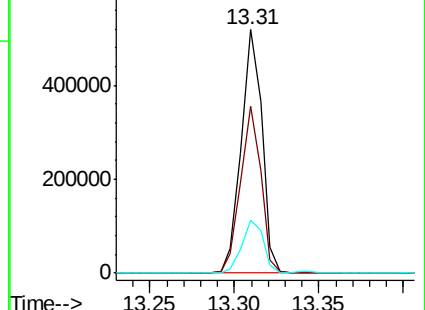
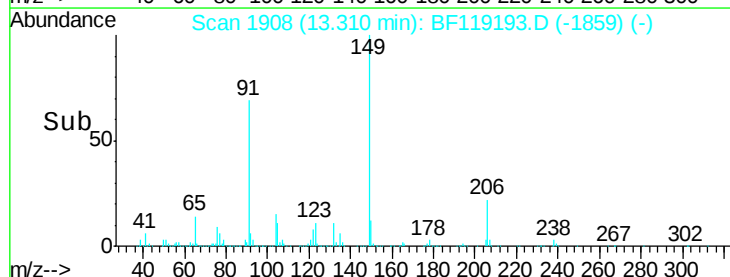
206 21.6 18.5 27.7

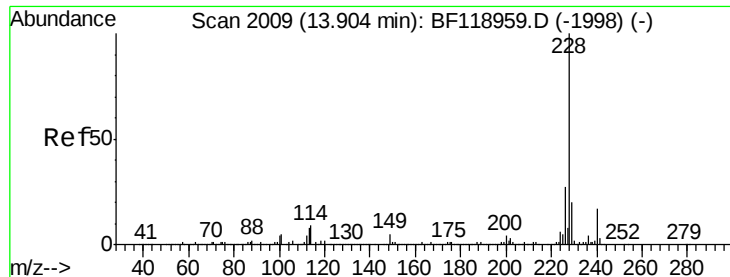


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.064 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampleId :

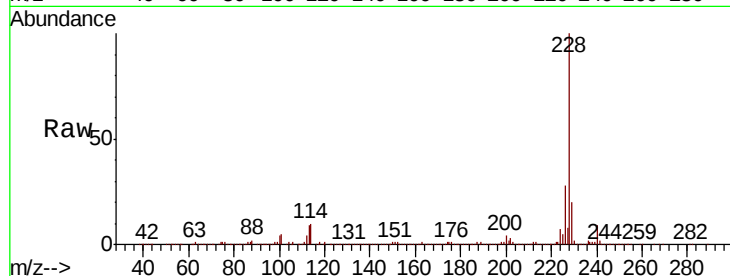
Tot Ion:228 Resp: 852244

Ion Ratio Lower Upper

228 100

226 27.8 22.6 33.8

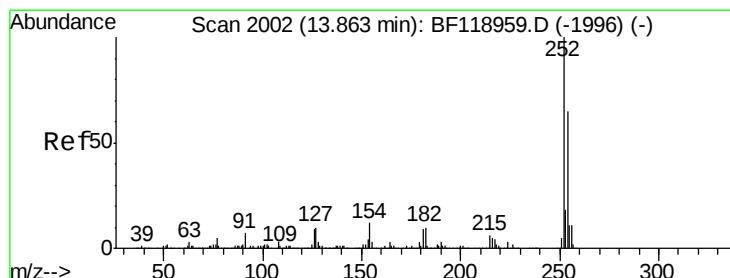
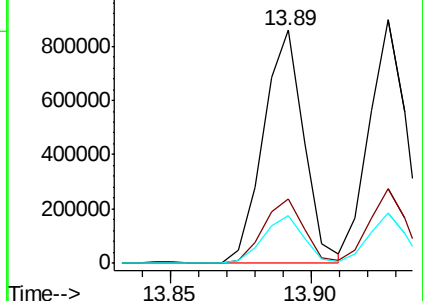
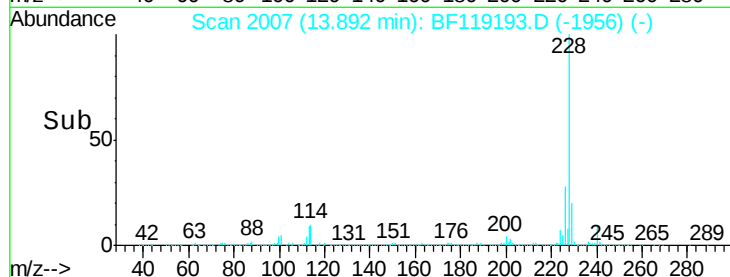
229 20.2 16.6 24.8



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: 35.131 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

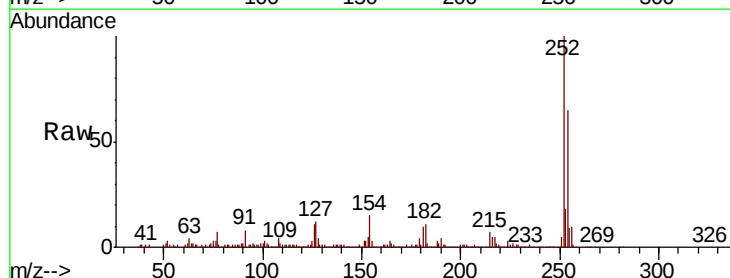
Tgt Ion:252 Resp: 241879

Ion Ratio Lower Upper

252 100

254 64.7 51.6 77.4

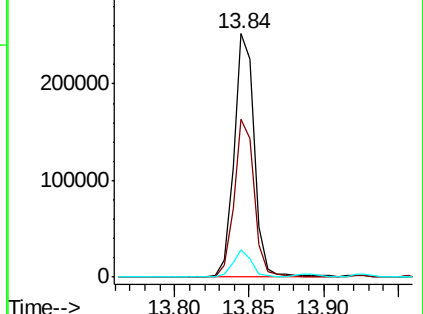
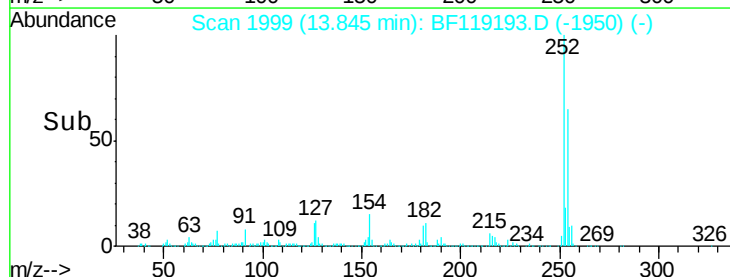
126 11.2 7.4 11.0#

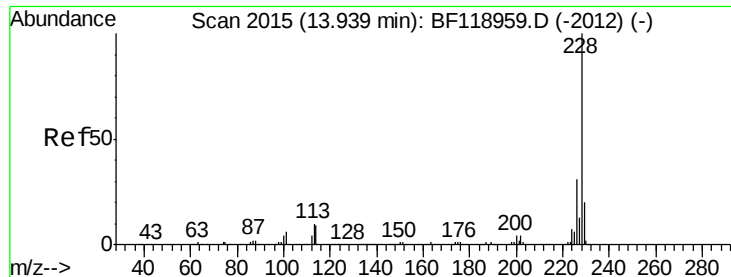


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 45.303 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampled :

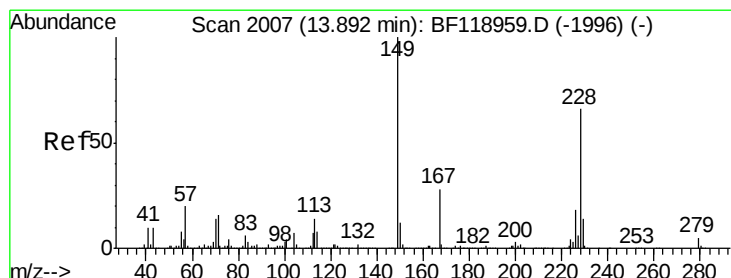
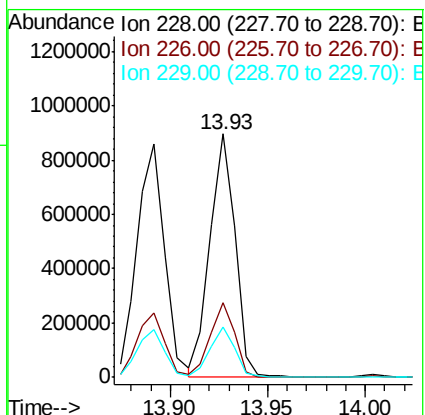
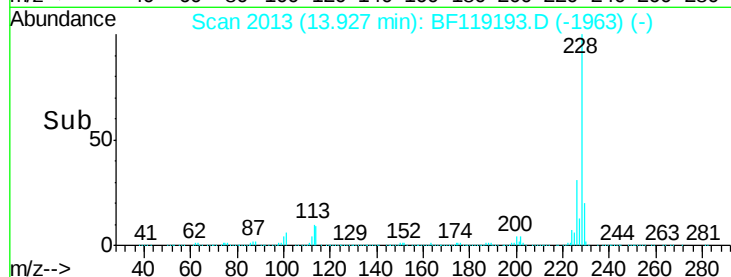
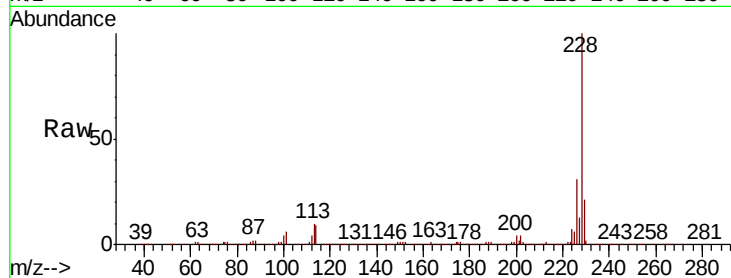
Tot Ion:228 Resp: 800412

Ion Ratio Lower Upper

228 100

226 30.8 25.1 37.7

229 20.6 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.420 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

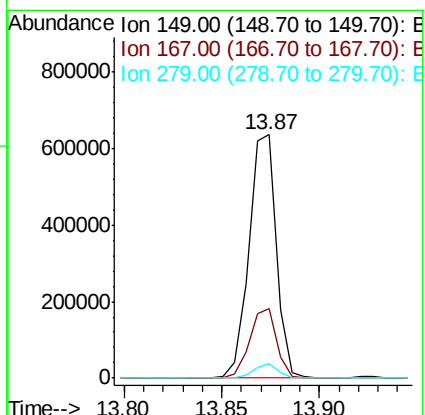
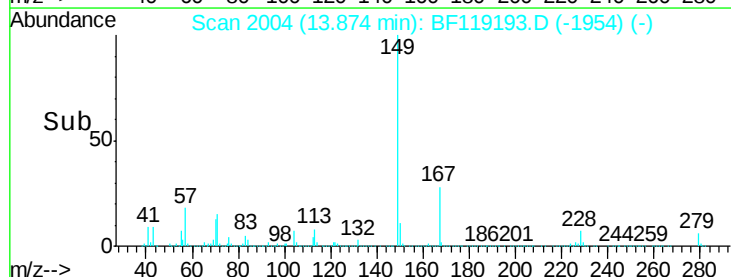
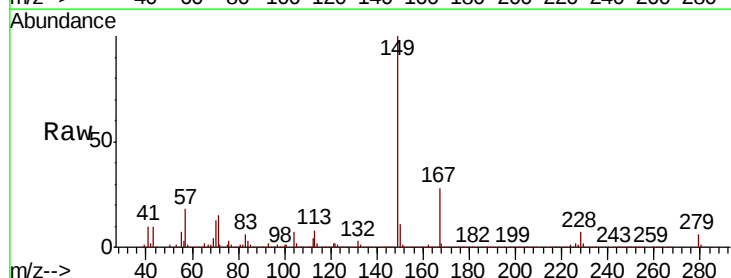
Tgt Ion:149 Resp: 615757

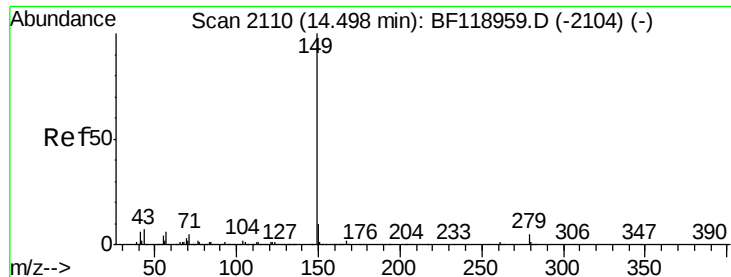
Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

279 5.9 4.6 6.8





#85

Di-n-octyl phthalate

Concen: 53.550 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Instrument :

BNA_F

ClientSampled :

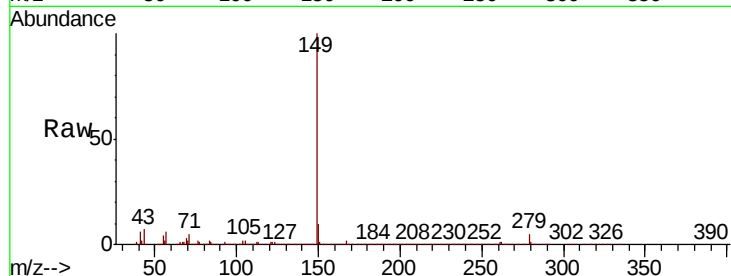
Tot Ion:149 Resp: 947990

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

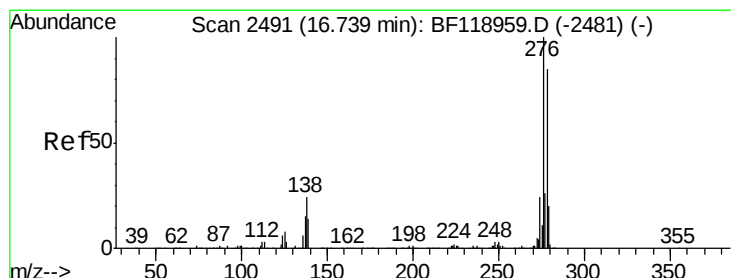
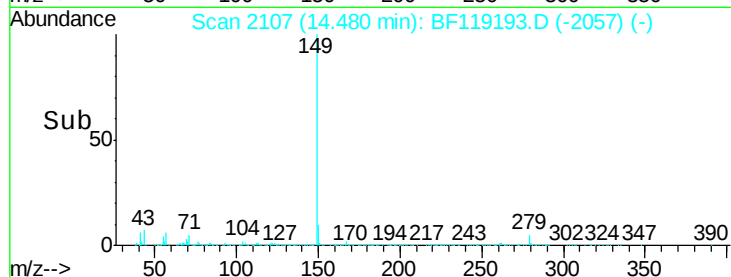
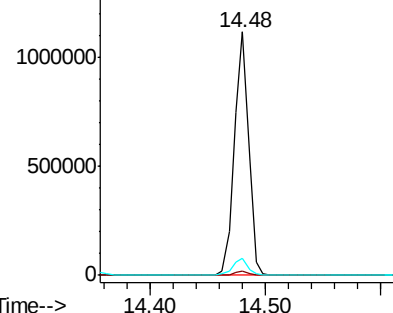
43 6.9 5.7 8.5



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: 55.296 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

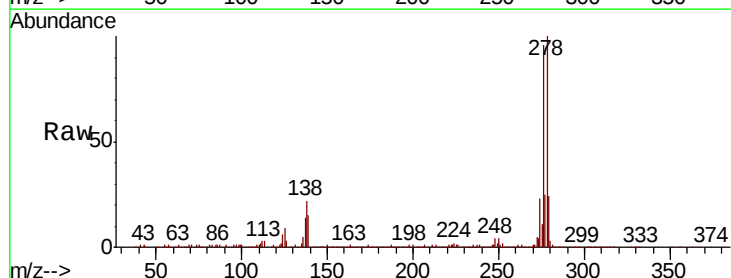
Tgt Ion:276 Resp: 945965

Ion Ratio Lower Upper

276 100

138 21.7 17.4 26.0

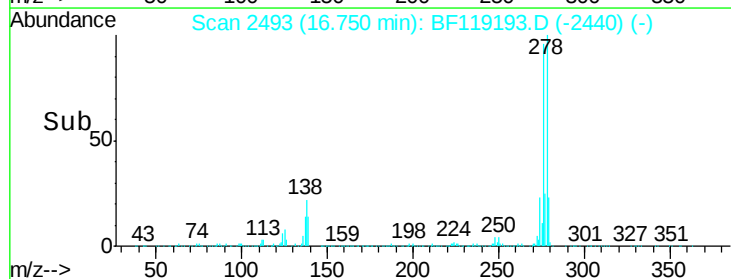
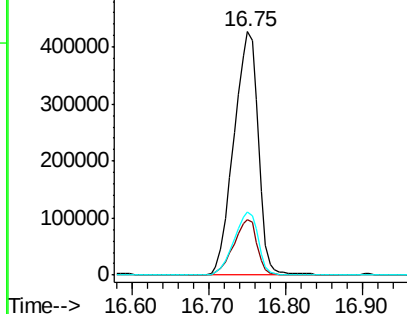
277 25.2 20.3 30.5

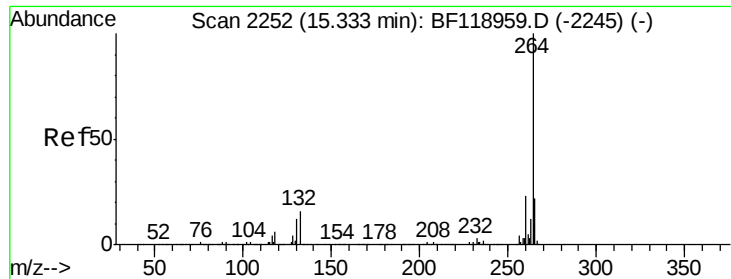


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



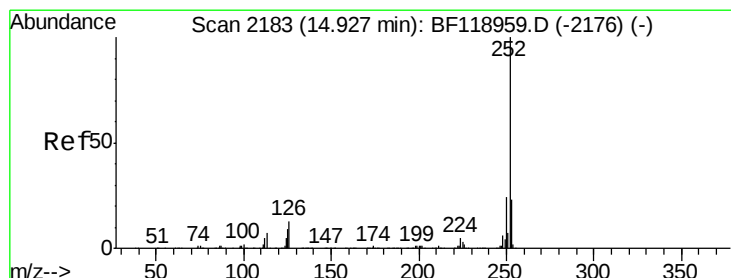
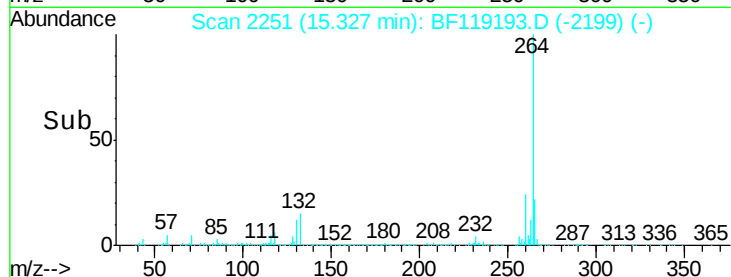
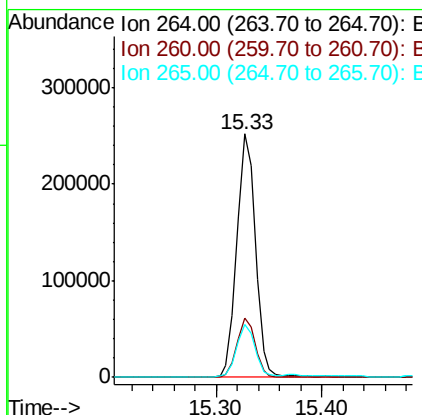
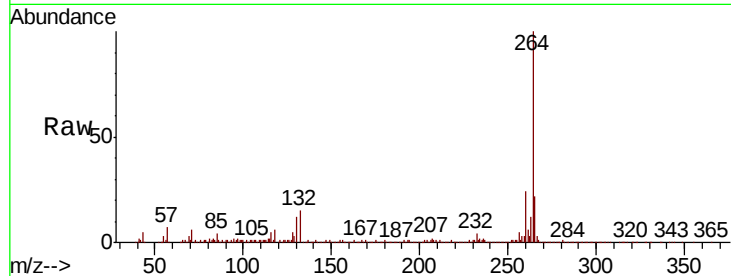


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 304384

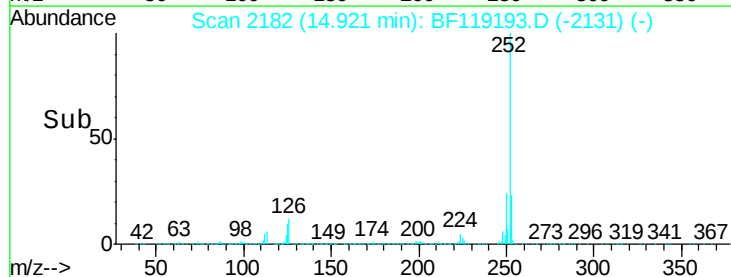
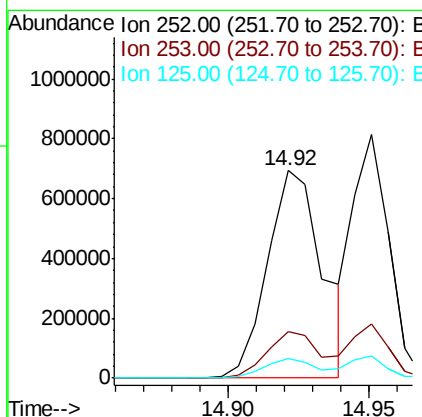
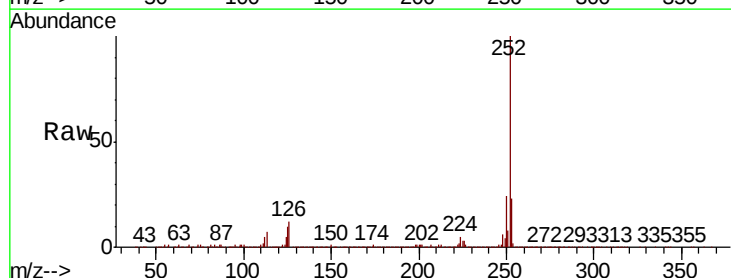
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	17.7	26.5

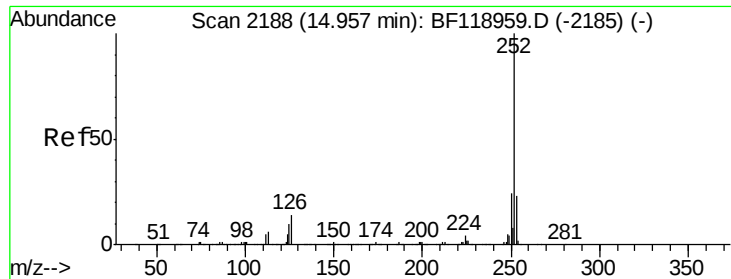


#88
Benzo(b)fluoranthene
Concen: 46.815 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:252 Resp: 939269

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.7	7.4	11.0

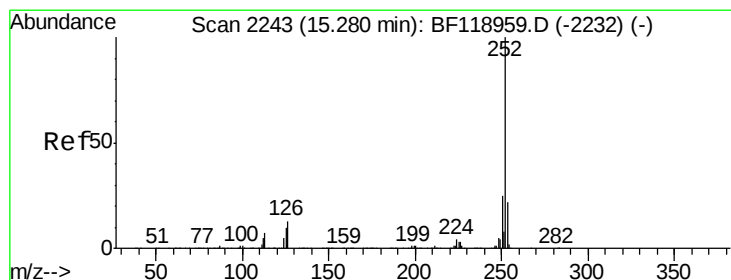
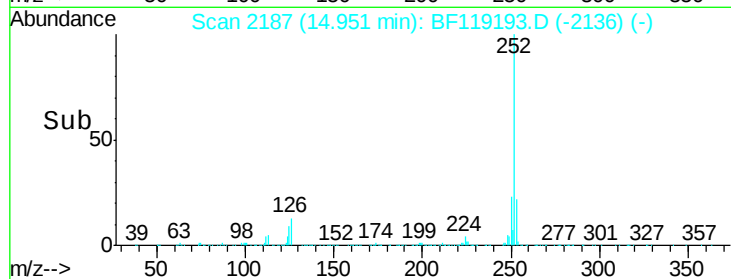
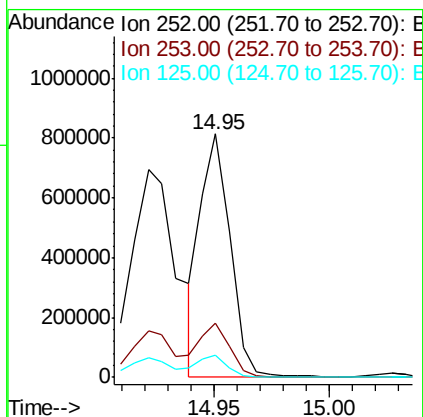
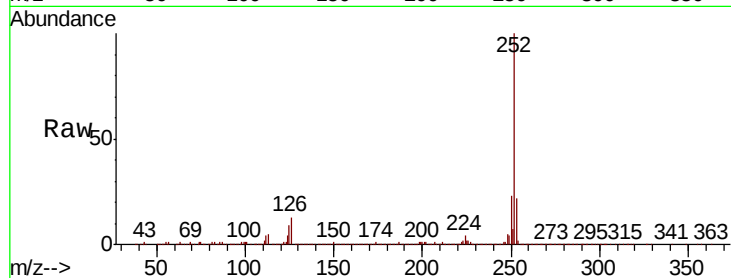




#89
Benzo(k)fluoranthene
Concen: 38.707 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

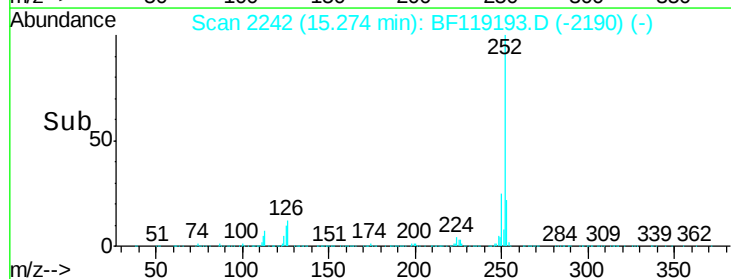
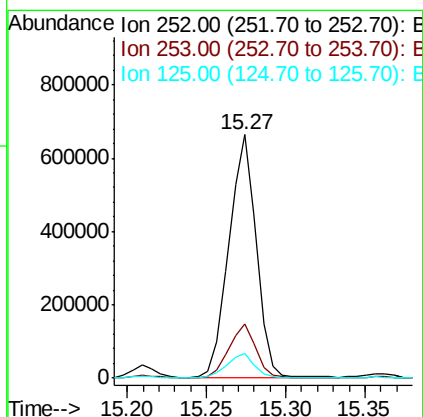
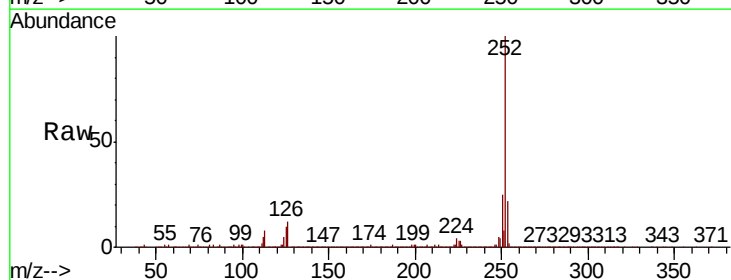
Instrument :
BNA_F
ClientSampleId :

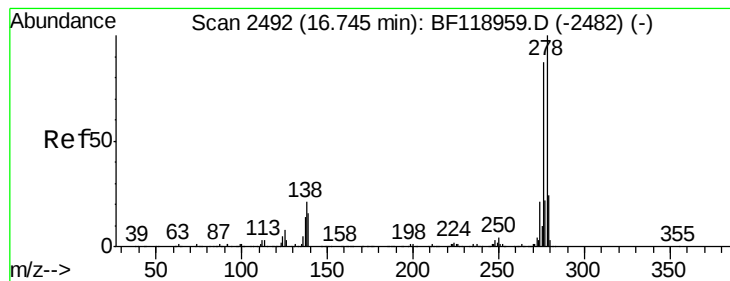
Tot Ion:252 Resp: 719688
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 43.727 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF119193.D
Acq: 4 Mar 2020 14:26

Tgt Ion:252 Resp: 791786
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 10.0 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 49.063 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

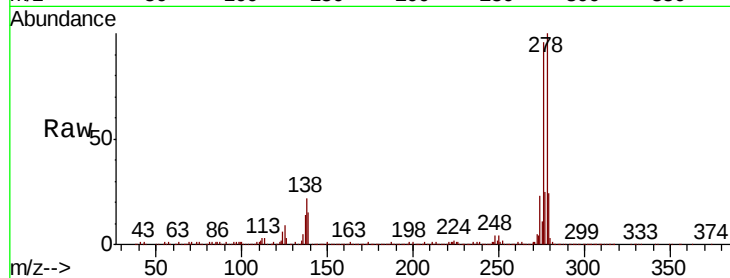
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 781700

Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.0	16.4
279	23.6	18.6	28.0

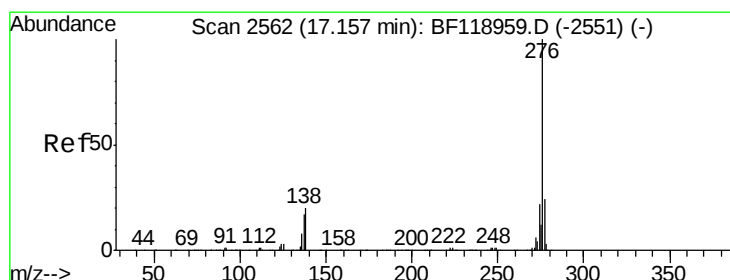
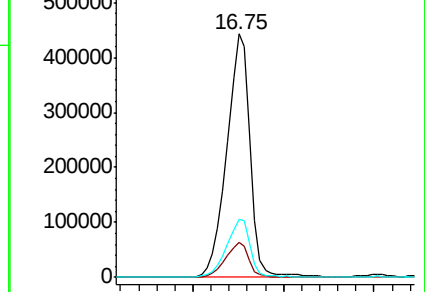
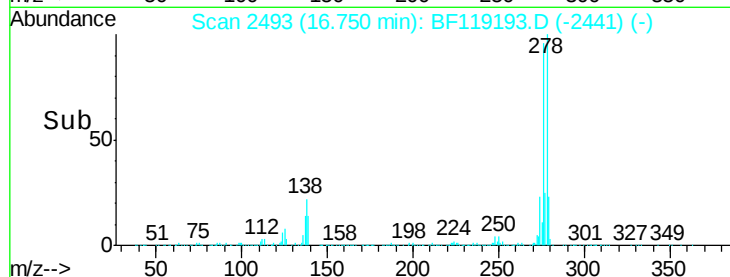


Abundance

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: 48.661 ng

RT: 17.17 min Scan# 2565

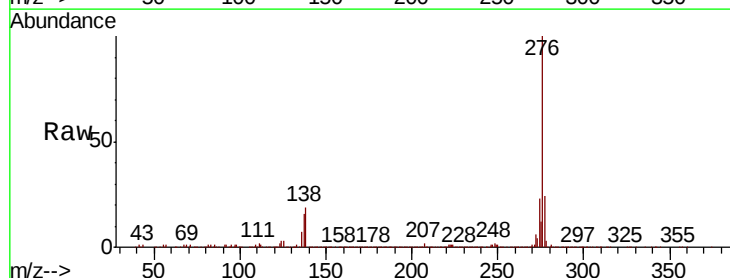
Delta R.T. 0.02 min

Lab File: BF119193.D

Acq: 4 Mar 2020 14:26

Tgt Ion:276 Resp: 766028

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.7	28.1
138	18.8	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

