

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119192.D
 Acq On : 4 Mar 2020 13:56
 Operator : CG/JU
 Sample : L1762-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 04 14:43:45 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	140549	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	534620	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	277665	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	469951	20.00	ng	0.00
76) Chrysene-d12	13.90	240	252992	20.00	ng	0.00
87) Perylene-d12	15.33	264	290783	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	749290	89.09	ng	0.00
7) Phenol-d6	6.39	99	895970	87.60	ng	-0.01
23) Nitrobenzene-d5	7.31	82	601684	59.42	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	287837	79.24	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1196153	63.46	ng	-0.01
79) Terphenyl-d14	12.84	244	1141885	77.71	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.49	88	134434	35.902	ng	97
3) Pyridine	3.23	79	329451	32.216	ng	98
4) n-Nitrosodimethylamine	3.18	42	140230	45.267	ng	94
6) Aniline	6.40	93	339064	26.865	ng	97
8) 2-Chlorophenol	6.53	128	429416	47.312	ng	99
9) Benzaldehyde	6.29	77	330636	48.383	ng	97
10) Phenol	6.41	94	499212	45.142	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	380312	44.946	ng	97
12) 1,3-Dichlorobenzene	6.68	146	466286	42.864	ng	97
13) 1,4-Dichlorobenzene	6.76	146	470327	43.205	ng	99
14) 1,2-Dichlorobenzene	6.91	146	437538	44.071	ng	98
15) Benzyl Alcohol	6.89	79	356522	48.228	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	309903	42.280	ng	# 35
17) 2-Methylphenol	7.01	107	334520	45.460	ng	97
18) Hexachloroethane	7.25	117	169263	43.461	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	283466	47.561	ng	96
20) 3+4-Methylphenols	7.17	107	434471	48.193	ng	# 88
22) Acetophenone	7.15	105	567640	45.890	ng	# 96
24) Nitrobenzene	7.33	77	433324	43.276	ng	100
25) Isophorone	7.57	82	786115	44.704	ng	100
26) 2-Nitrophenol	7.65	139	236377	44.554	ng	97
27) 2,4-Dimethylphenol	7.69	122	360124	50.015	ng	97
28) bis(2-Chloroethoxy)methane	7.77	93	475495	41.543	ng	100
29) 2,4-Dichlorophenol	7.89	162	365938	43.171	ng	99
30) 1,2,4-Trichlorobenzene	7.97	180	410082	40.804	ng	98
31) Naphthalene	8.05	128	1197678	43.196	ng	99
32) Benzoic acid	7.85	122	188978	37.644	ng	99
33) 4-Chloroaniline	8.10	127	147667	12.383	ng	98
34) Hexachlorobutadiene	8.16	225	252120	40.274	ng	98
35) Caprolactam	8.48	113	73954	28.334	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	376323	43.868	ng	98
37) 2-Methylnaphthalene	8.74	142	819748	43.933	ng	99
38) 1-Methylnaphthalene	8.83	142	759951	43.307	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	406411	43.412	ng	99

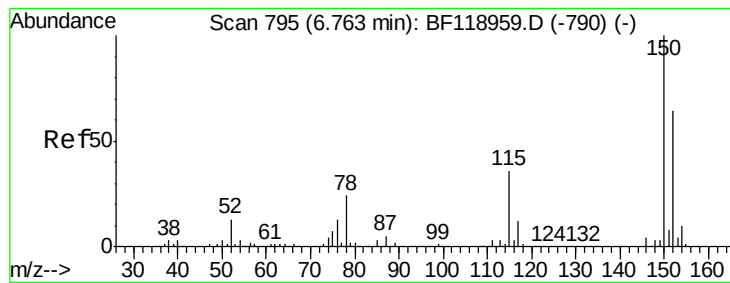
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030420\
 Data File : BF119192.D
 Acq On : 4 Mar 2020 13:56
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	180115	56.044	ng	98
43) 2,4,6-Trichlorophenol	9.02	196	251741	42.582	ng	99
44) 2,4,5-Trichlorophenol	9.07	196	264751	42.677	ng	98
46) 1,1'-Biphenyl	9.20	154	978910	43.621	ng	98
47) 2-Chloronaphthalene	9.23	162	772376	42.710	ng	97
48) 2-Nitroaniline	9.33	65	216903	43.002	ng	98
49) Acenaphthylene	9.64	152	1168812	44.750	ng	99
50) Dimethylphthalate	9.50	163	1105194	52.052	ng	100
51) 2,6-Dinitrotoluene	9.57	165	209667	44.447	ng	# 84
52) Acenaphthene	9.81	154	691197	43.888	ng	100
53) 3-Nitroaniline	9.74	138	113653	21.733	ng	99
54) 2,4-Dinitrophenol	9.86	184	152103	67.619	ng	92
55) Dibenzofuran	9.99	168	1018063	43.309	ng	97
56) 4-Nitrophenol	9.93	139	188454	59.978	ng	92
57) 2,4-Dinitrotoluene	9.98	165	254879	41.685	ng	94
58) Fluorene	10.33	166	808055	44.237	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	221046	42.228	ng	97
60) Diethylphthalate	10.20	149	905045	45.232	ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	426727	44.135	ng	96
62) 4-Nitroaniline	10.36	138	180850	33.801	ng	96
63) Azobenzene	10.47	77	783041	45.023	ng	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	130026	45.724	ng	93
66) n-Nitrosodiphenylamine	10.44	169	740983	48.154	ng	99
67) 4-Bromophenyl-phenylether	10.80	248	276604	45.029	ng	95
68) Hexachlorobenzene	10.88	284	303103	42.797	ng	98
69) Atrazine	10.97	200	240541	44.740	ng	97
70) Pentachlorophenol	11.08	266	214941	75.340	ng	99
71) Phenanthrene	11.29	178	1183703	46.186	ng	99
72) Anthracene	11.34	178	1180045	46.082	ng	98
73) Carbazole	11.49	167	970988	42.563	ng	99
74) Di-n-butylphthalate	11.82	149	1308832	47.375	ng	98
75) Fluoranthene	12.47	202	1152222	42.354	ng	99
77) Benzidine	12.59	184	456019	44.321	ng	99
78) Pyrene	12.70	202	1106181	54.452	ng	98
80) Butylbenzylphthalate	13.31	149	447508	52.340	ng	95
81) Benzo(a)anthracene	13.89	228	826829	47.965	ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	231069	34.521	ng	99
83) Chrysene	13.93	228	782541	45.560	ng	98
84) Bis(2-ethylhexyl)phthalate	13.87	149	606921	56.188	ng	# 98
85) Di-n-octyl phthalate	14.48	149	920276	53.472	ng	99
86) Indeno(1,2,3-cd)pyrene	16.76	276	987252	59.361	ng	99
88) Benzo(b)fluoranthene	14.92	252	911810	47.572	ng	99
89) Benzo(k)fluoranthene	14.95	252	697482	39.268	ng	99
90) Benzo(a)pyrene	15.27	252	767802	44.385	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	815303	53.565	ng	99
92) Benzo(g,h,i)perylene	17.17	276	822629	54.700	ng	99

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

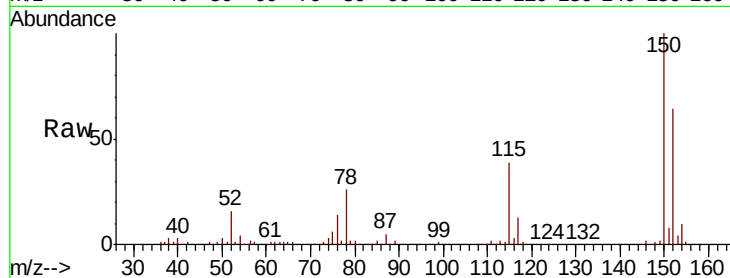


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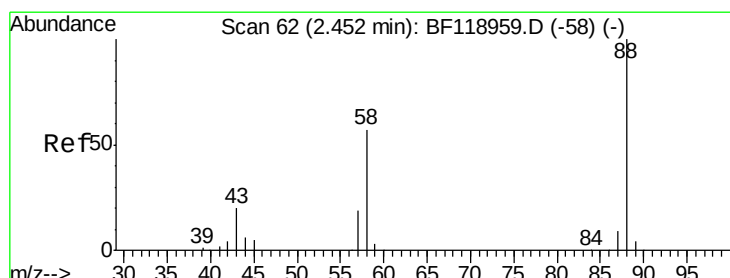
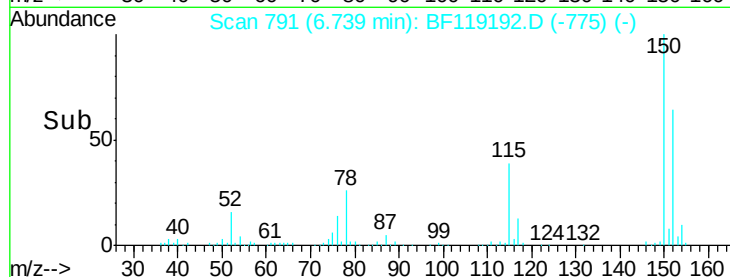
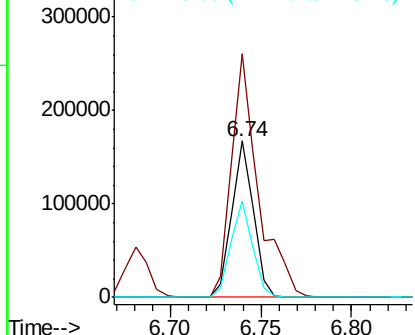
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140549
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.6
115 61.3 49.5 74.3



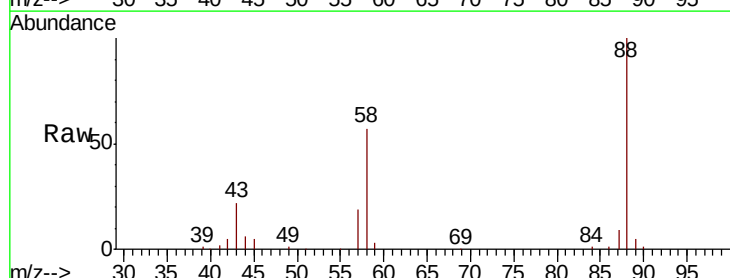
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



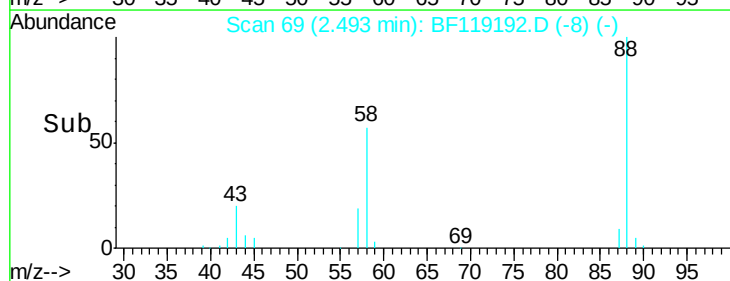
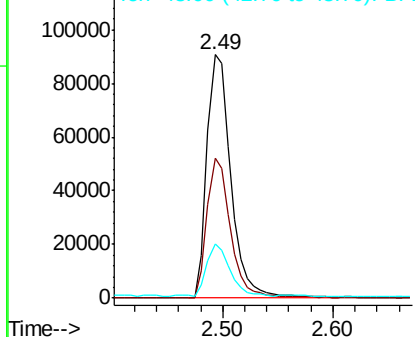
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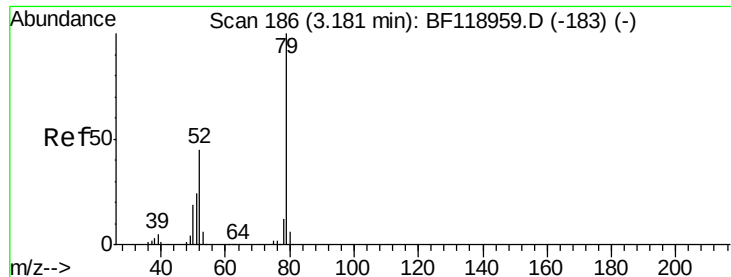
1,4-Dioxane
Concen: 35.902 ng
RT: 2.49 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion: 88 Resp: 134434
Ion Ratio Lower Upper
88 100
58 56.8 43.8 65.6
43 21.3 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

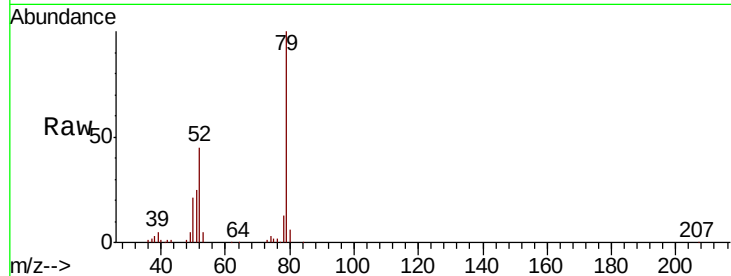




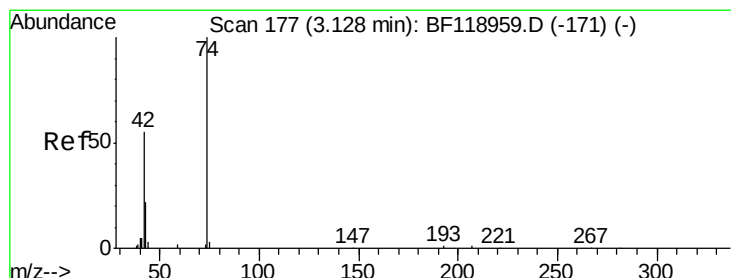
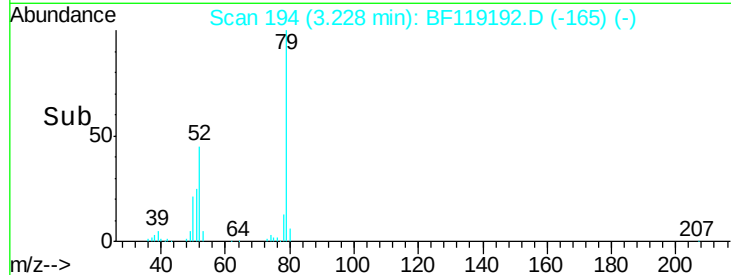
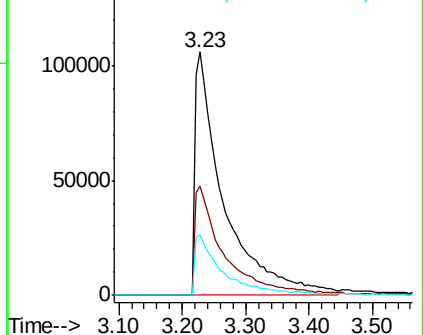
#3
 Pvridine
 Concen: 32.216 ng
 RT: 3.23 min Scan# 194
 Delta R.T. 0.07 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
79	100		
52	45.0	37.4	56.0
51	24.7	19.8	29.6

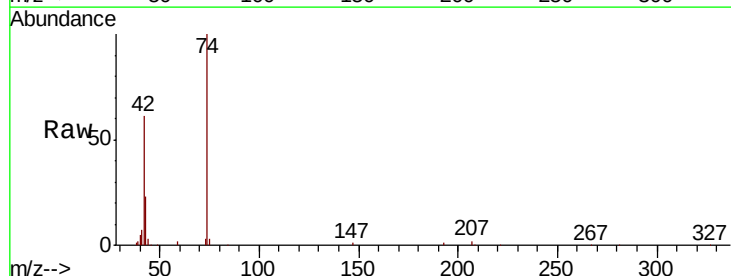


Abundance Ion 79.00 (78.70 to 79.70): BF1
 Ion 52.00 (51.70 to 52.70): BF1
 Ion 51.00 (50.70 to 51.70): BF1

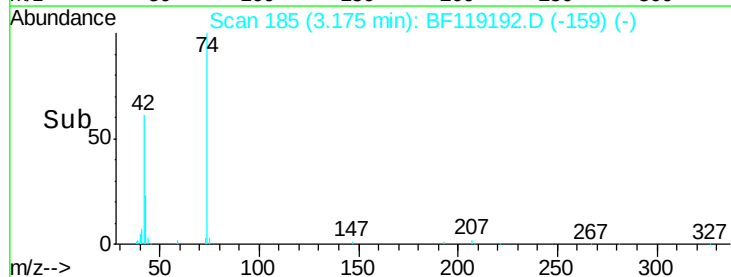
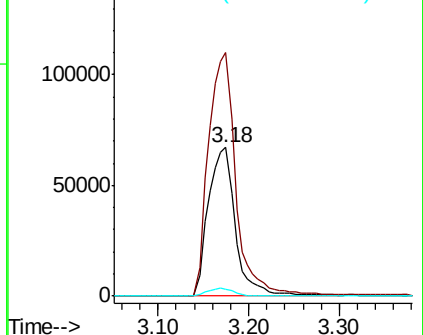


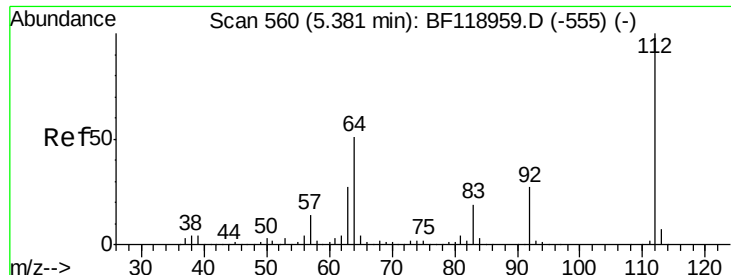
#4
 n-Nitrosodimethylamine
 Concen: 45.267 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.05 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	163.9	137.7	206.5
44	4.6	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

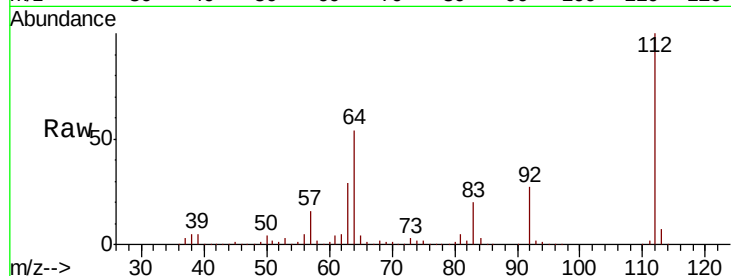




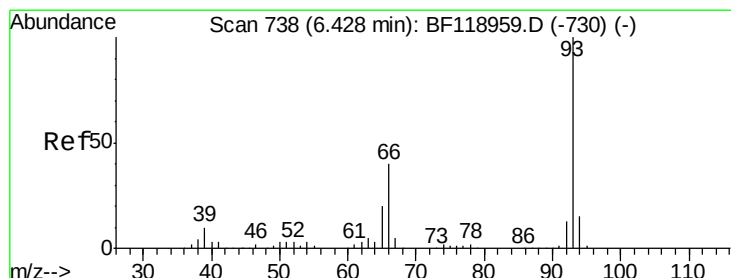
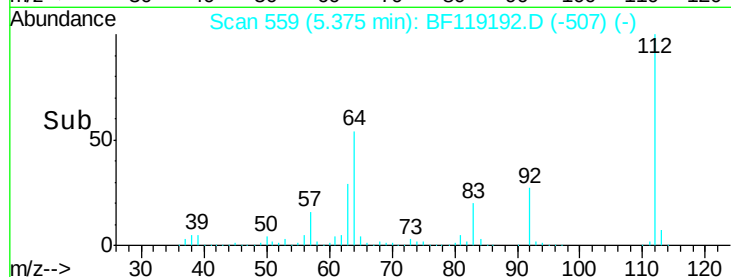
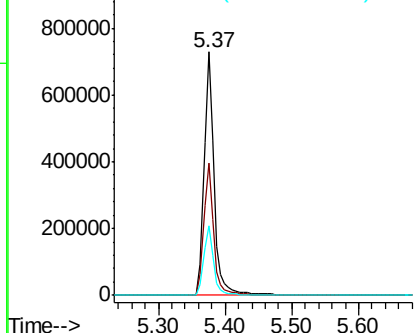
#5
2-Fluorophenol
Concen: 89.093 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	54.3	45.0	67.4
63	28.6	24.2	36.4

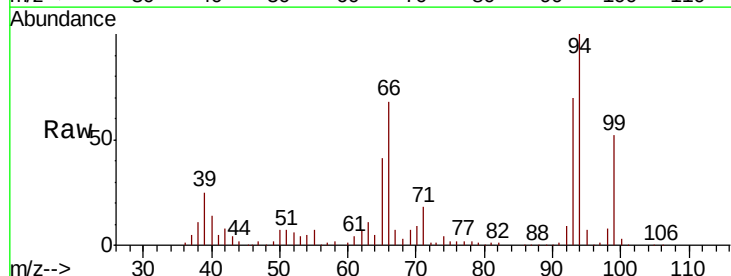


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

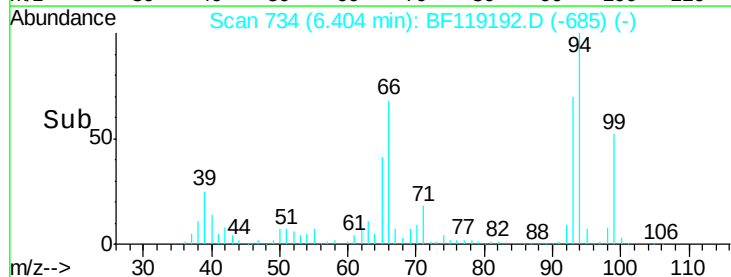
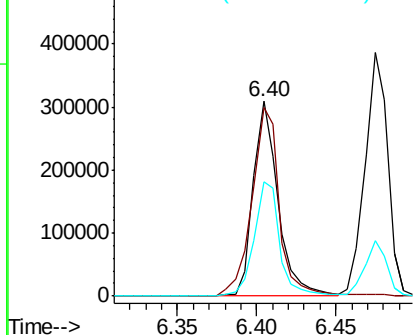


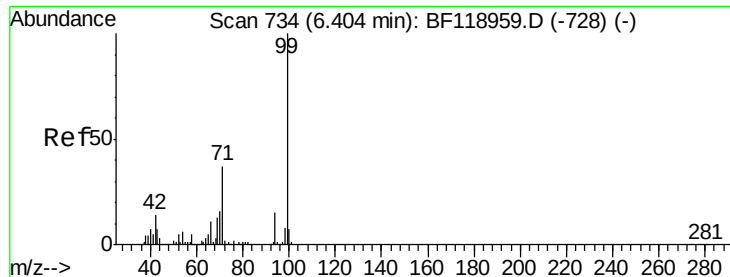
#6
Aniline
Concen: 26.865 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
93	100		
66	97.0	74.5	111.7
65	58.5	45.3	67.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 87.597 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampled :

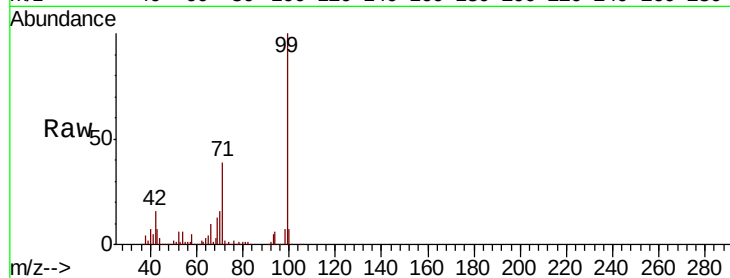
Tot Ion: 99 Resp: 895970

Ion Ratio Lower Upper

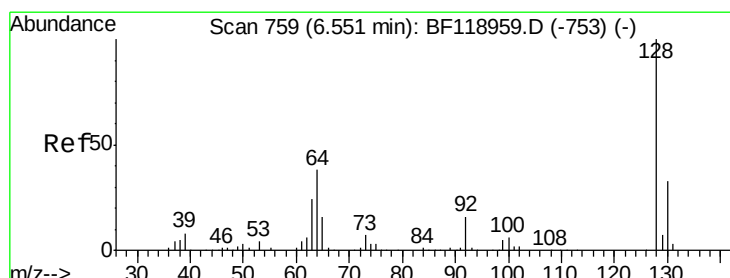
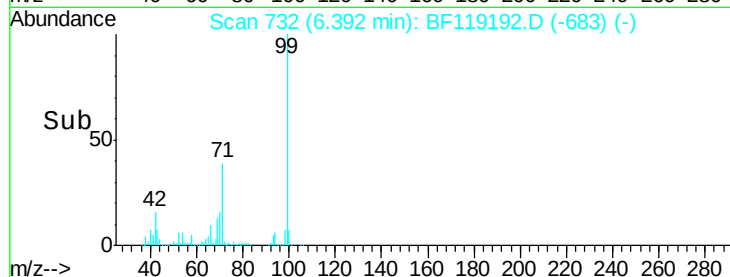
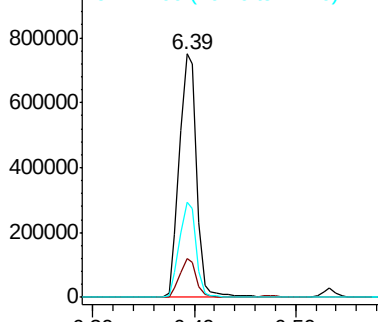
99 100

42 15.7 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: 47.312 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

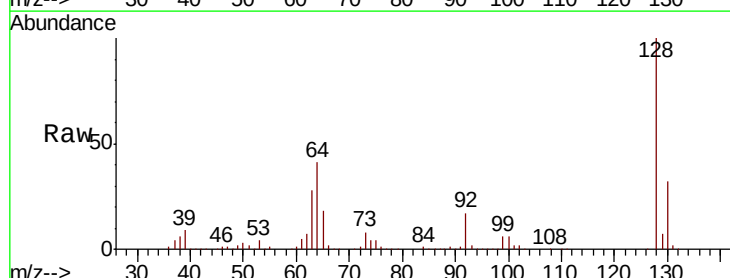
Tgt Ion: 128 Resp: 429416

Ion Ratio Lower Upper

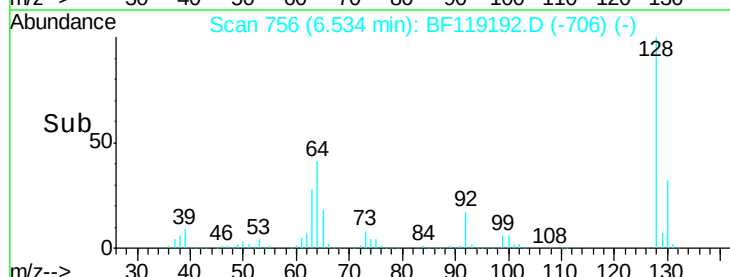
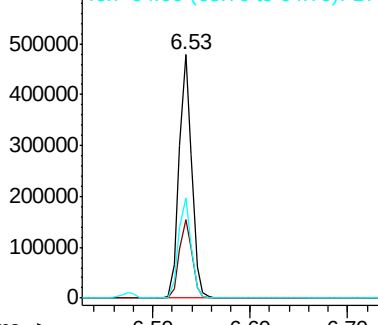
128 100

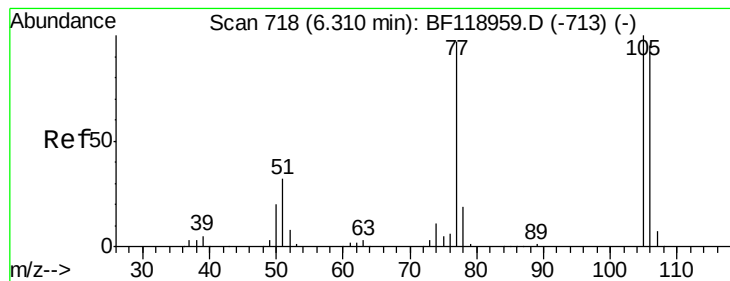
130 32.3 12.7 52.7

64 41.4 22.3 62.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.383 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

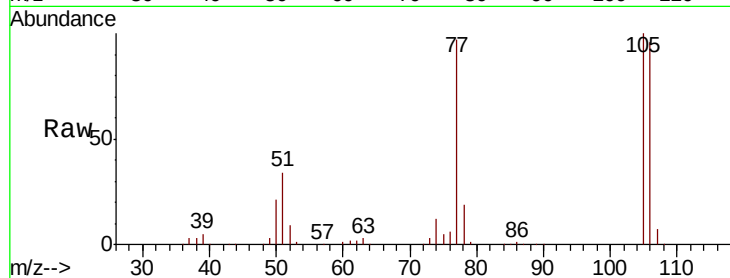
Tot Ion: 77 Resp: 330636

Ion Ratio Lower Upper

77 100

105 102.6 80.1 120.1

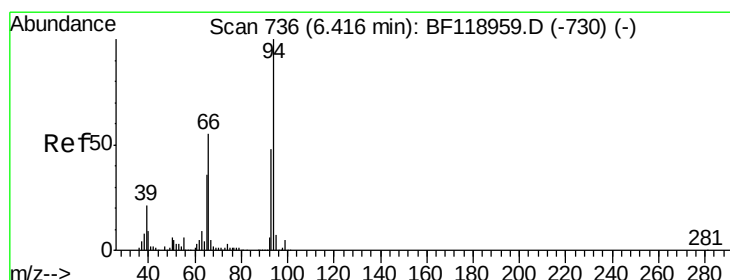
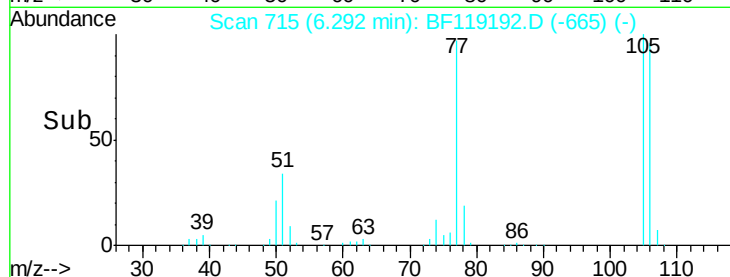
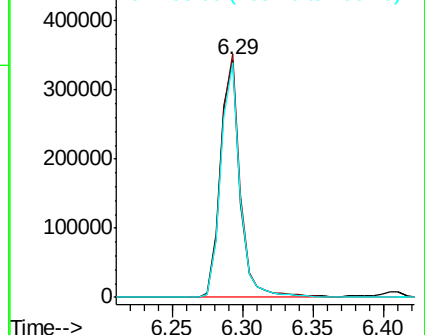
106 98.8 75.9 115.9



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: 45.142 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

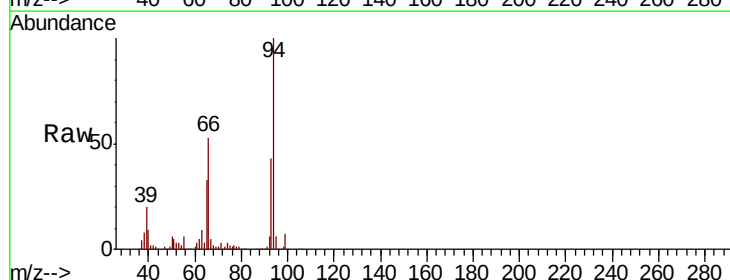
Tgt Ion: 94 Resp: 499212

Ion Ratio Lower Upper

94 100

65 33.4 19.2 59.2

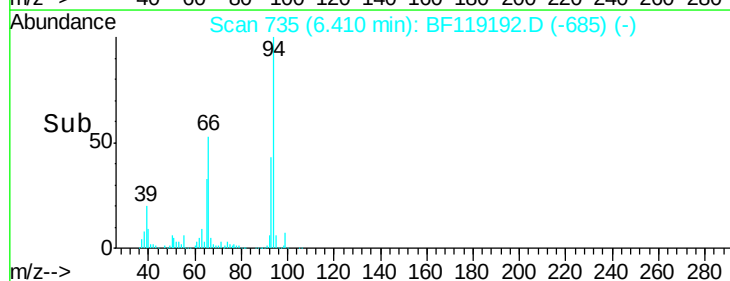
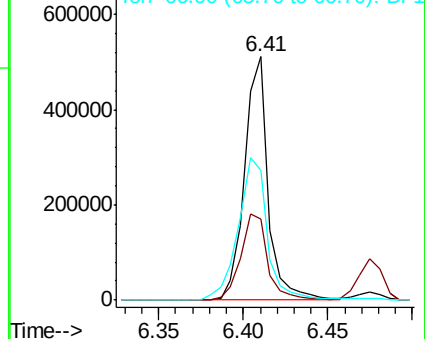
66 53.2 44.4 84.4

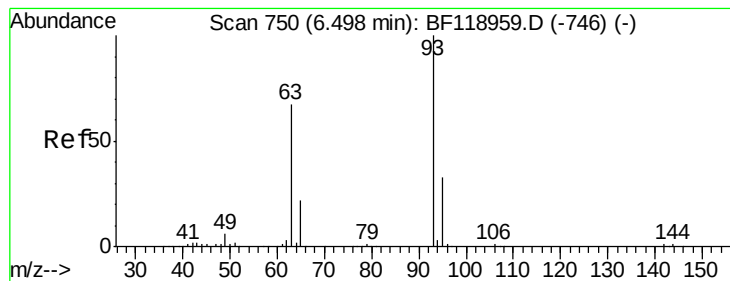


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

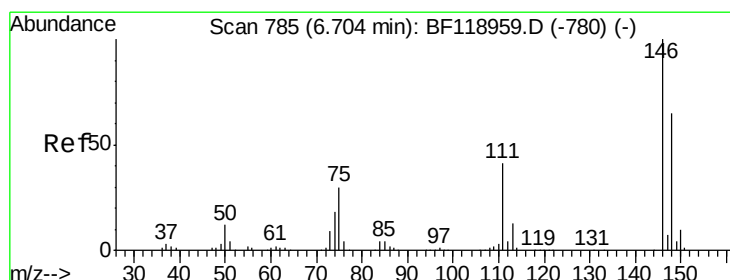
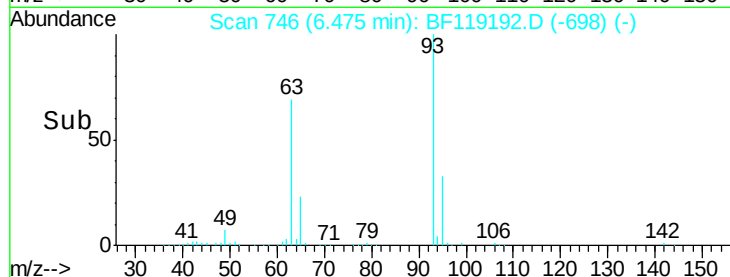
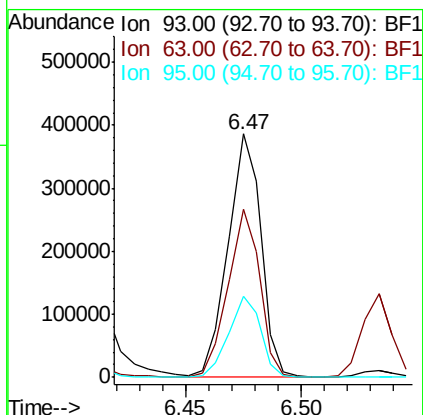
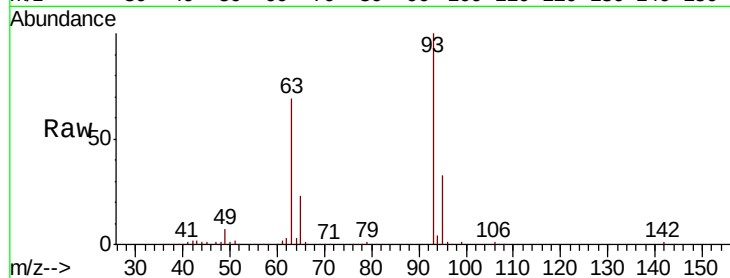




#11
bis(2-Chloroethyl)ether
Concen: 44.946 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

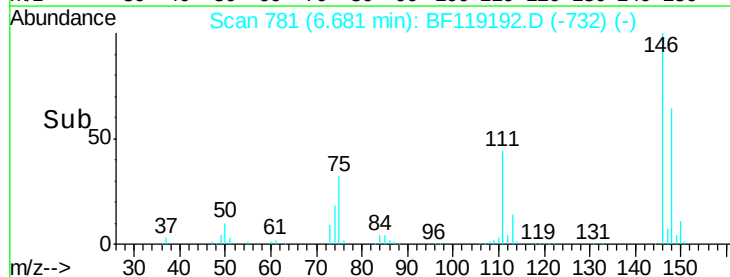
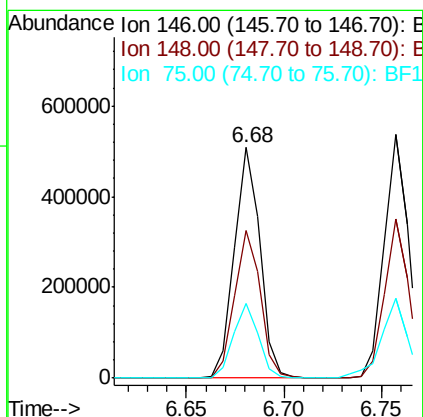
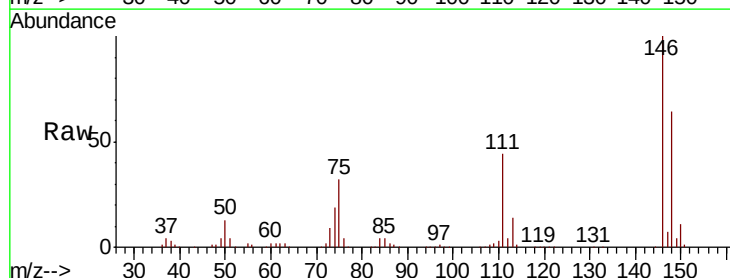
Instrument :
BNA_F
ClientSampleId :

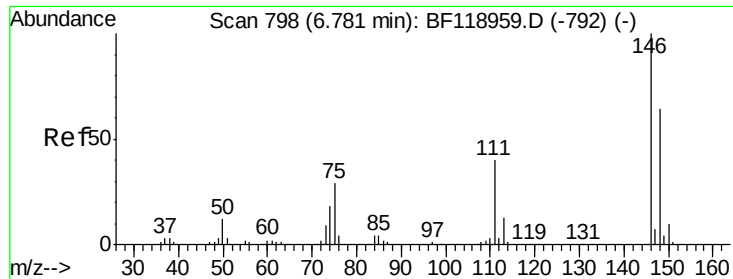
Tot Ion: 93 Resp: 380312
Ion Ratio Lower Upper
93 100
63 68.8 45.4 85.4
95 33.0 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 42.864 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion: 146 Resp: 466286
Ion Ratio Lower Upper
146 100
148 64.0 52.5 78.7
75 32.5 23.6 35.4

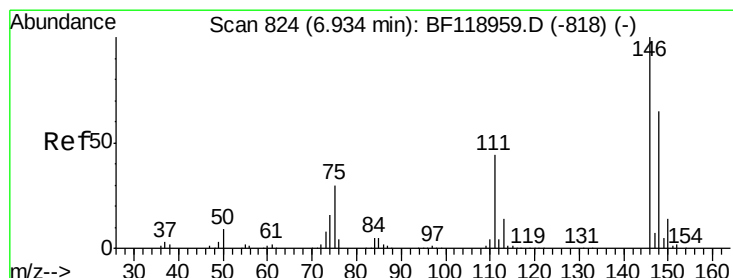
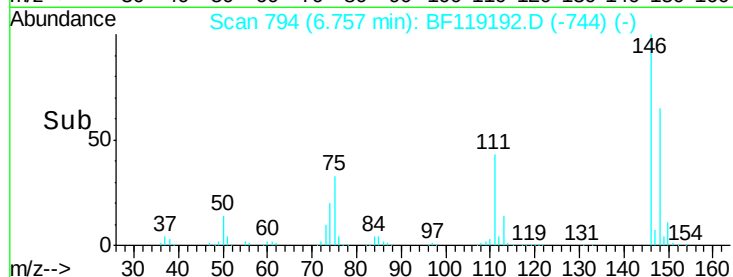
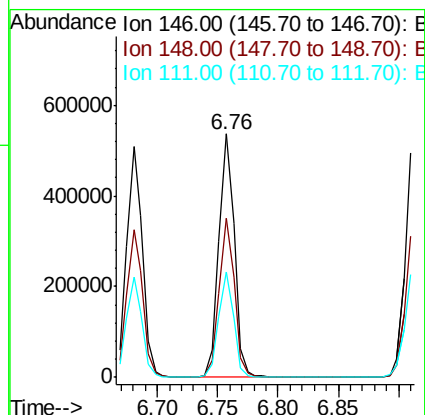
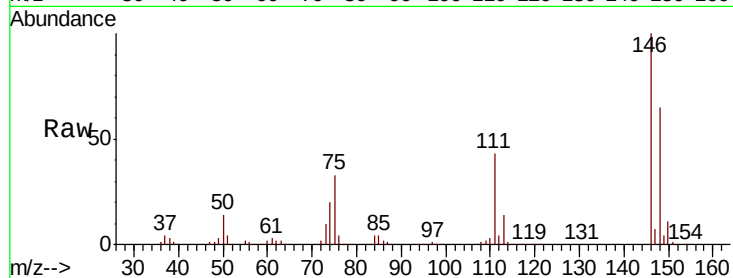




#13
 1,4-Dichlorobenzene
 Concen: 43.205 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

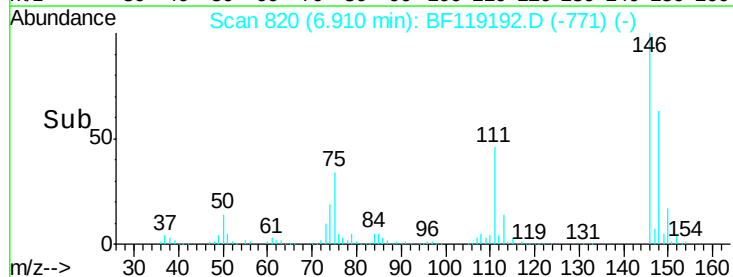
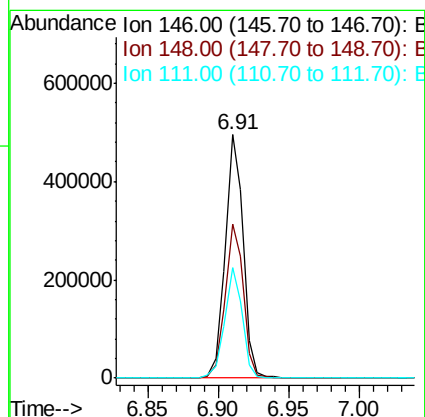
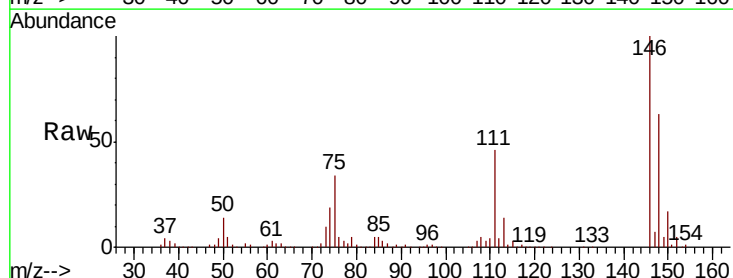
Instrument :
 BNA_F
 ClientSampleId :

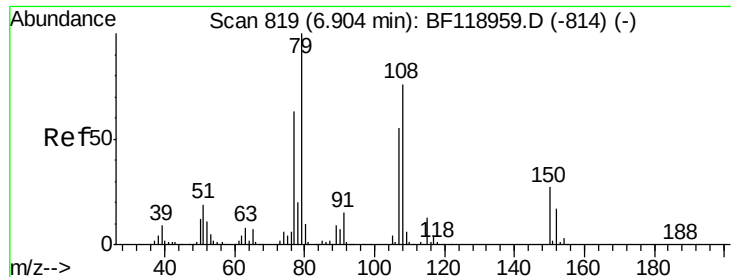
Tot Ion:146 Resp: 470327
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.1 76.7
 111 43.3 34.8 52.2



#14
 1,2-Dichlorobenzene
 Concen: 44.071 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:146 Resp: 437538
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 45.5 36.2 54.2





#15

Benzyl Alcohol

Concen: 48.228 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampled :

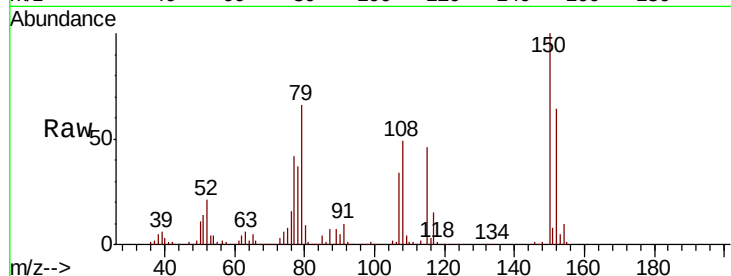
Tot Ion: 79 Resp: 356522

Ion Ratio Lower Upper

79 100

108 74.2 58.2 87.2

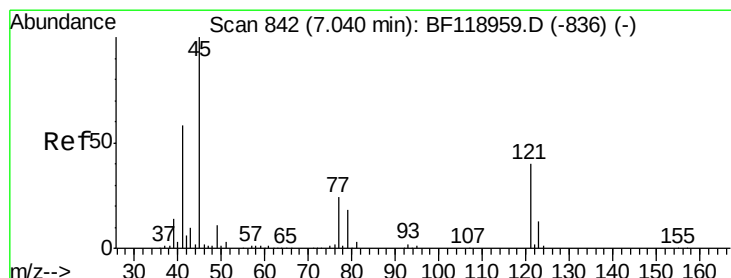
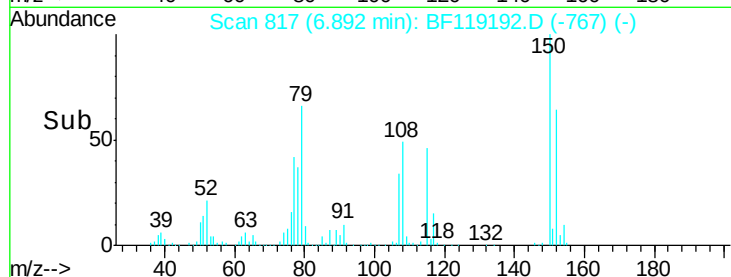
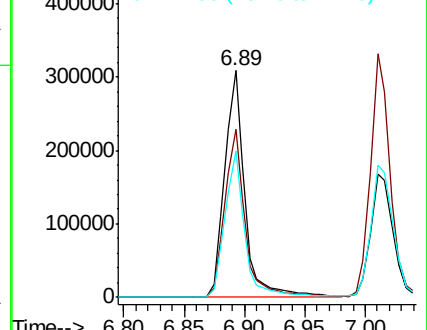
77 64.4 51.2 76.8



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: 42.280 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

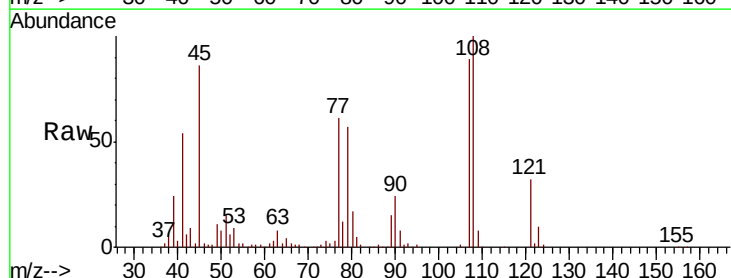
Tgt Ion: 45 Resp: 309903

Ion Ratio Lower Upper

45 100

77 71.0 15.0 55.0#

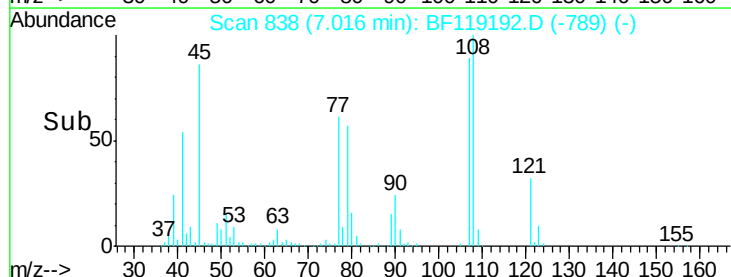
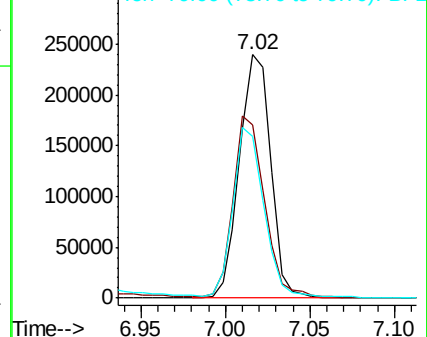
79 66.4 9.4 49.4#

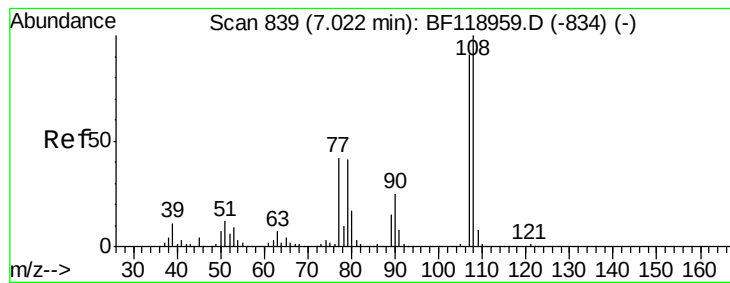


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

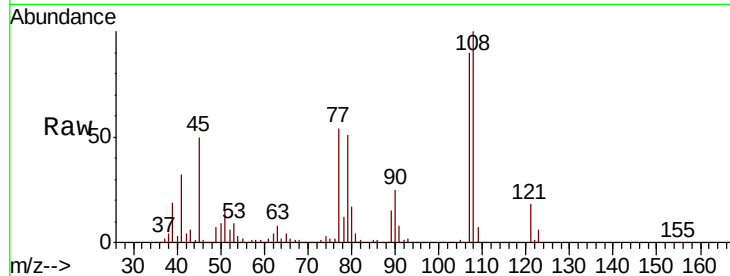




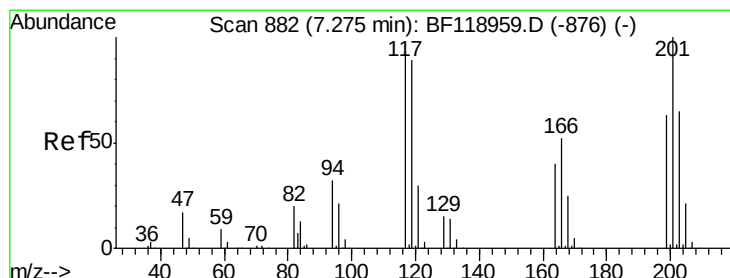
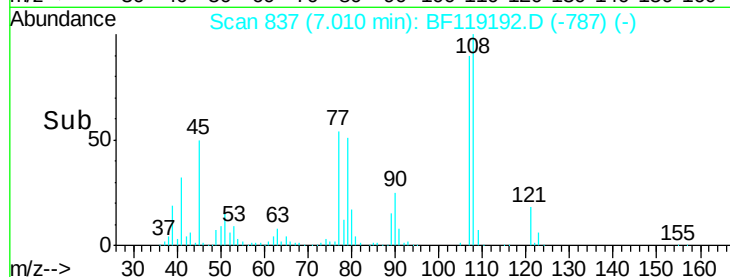
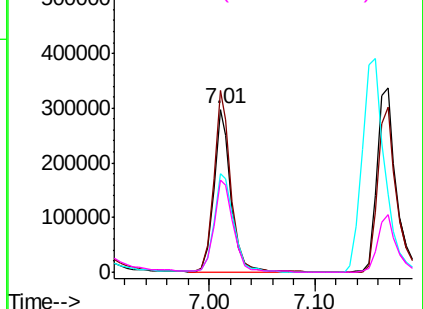
#17
2-Methylphenol
Concen: 45.460 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 334520
Ion Ratio Lower Upper
107 100
108 111.3 87.9 131.9
77 60.2 45.3 67.9
79 56.5 43.0 64.4

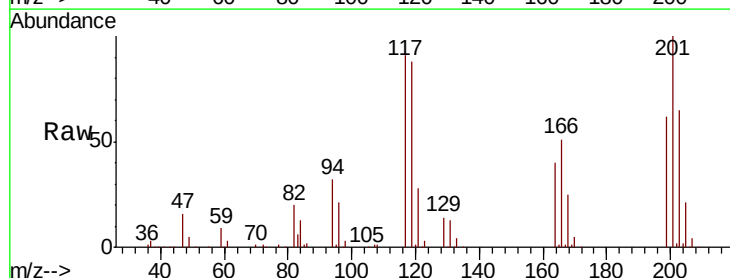


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

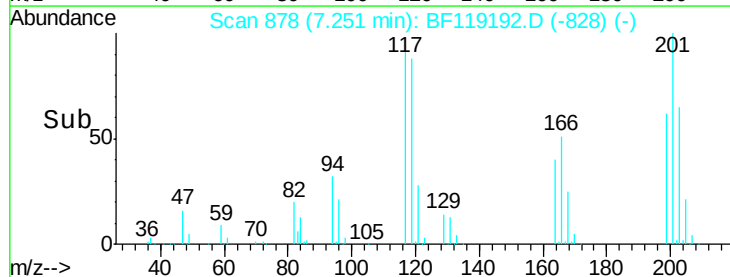
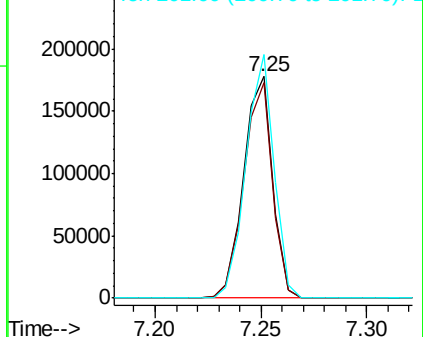


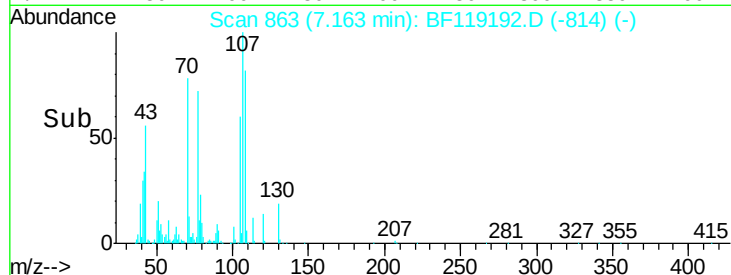
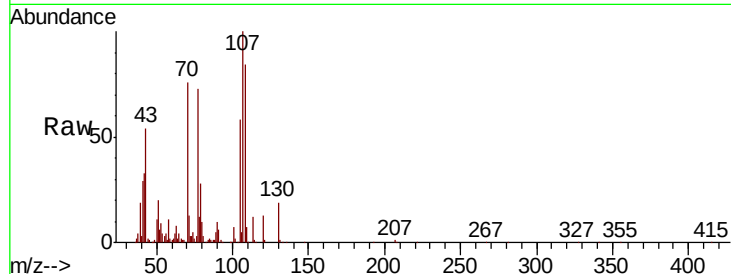
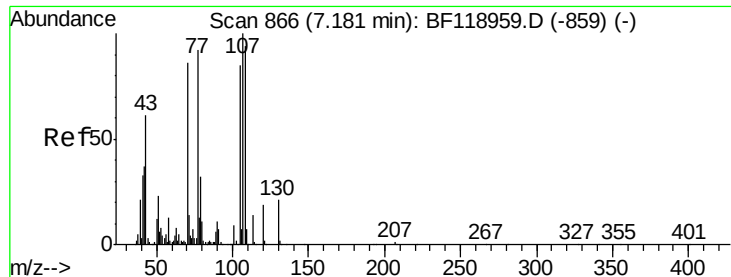
#18
Hexachloroethane
Concen: 43.461 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:117 Resp: 169263
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
201 110.0 82.6 123.8



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

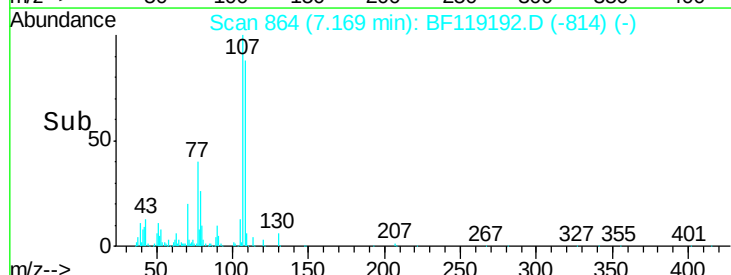
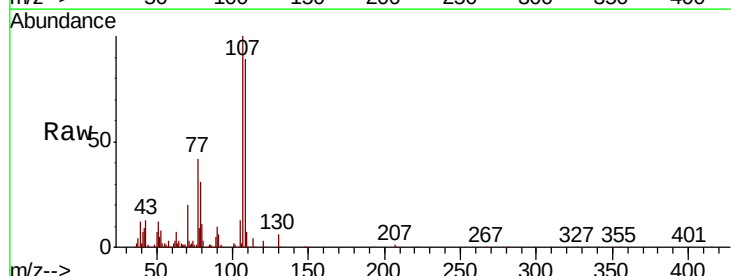
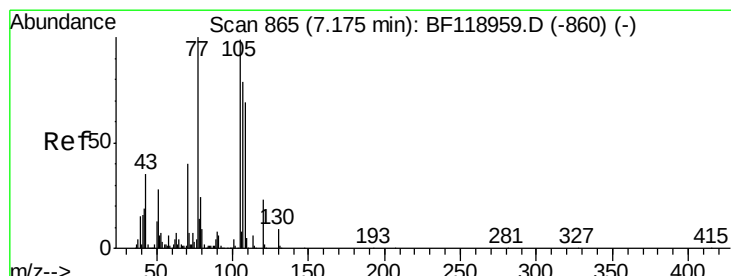
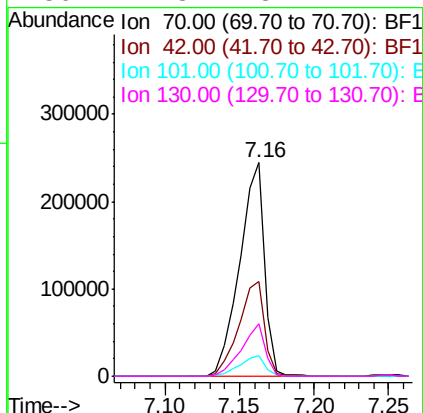




#19
n-Nitroso-di-n-propylamine
Concen: 47.561 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

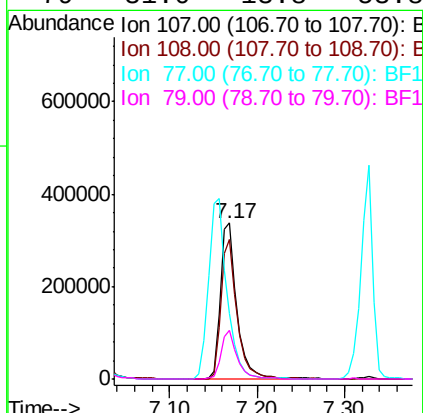
Instrument :
BNA_F
ClientSampleId :

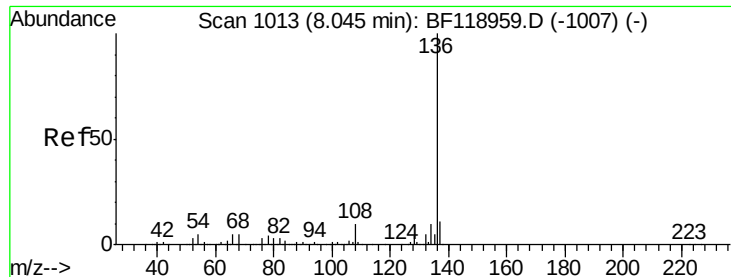
Tot Ion:	70	Resp:	283466
Ion	Ratio	Lower	Upper
70	100		
42	44.2	38.0	57.0
101	9.8	8.2	12.4
130	24.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.193 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:	107	Resp:	434471
Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.5	111.5
77	42.2	45.9	85.9#
79	31.0	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: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534620

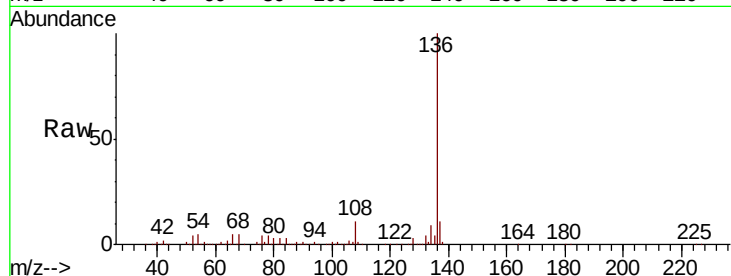
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 5.3 3.8 5.6

68 5.3 3.9 5.9

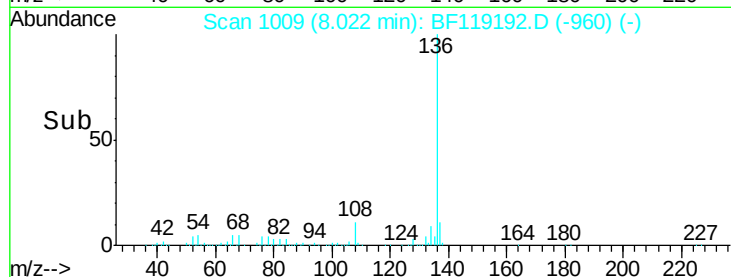


Abundance Ion 136.00 (135.70 to 136.70): E

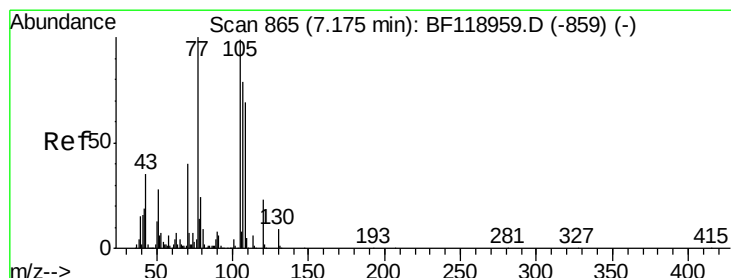
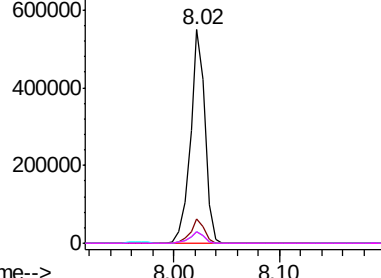
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 45.890 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:105 Resp: 567640

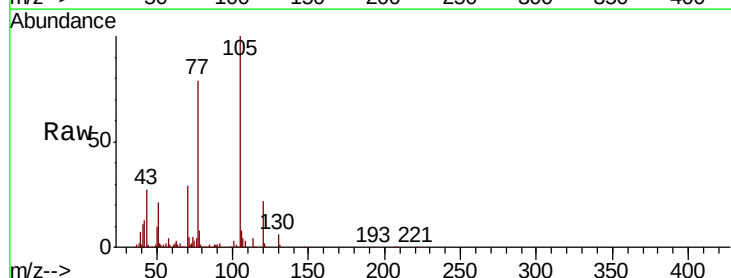
Ion Ratio Lower Upper

105 100

71 4.8 3.0 4.4#

51 21.4 20.1 30.1

120 22.0 18.0 27.0

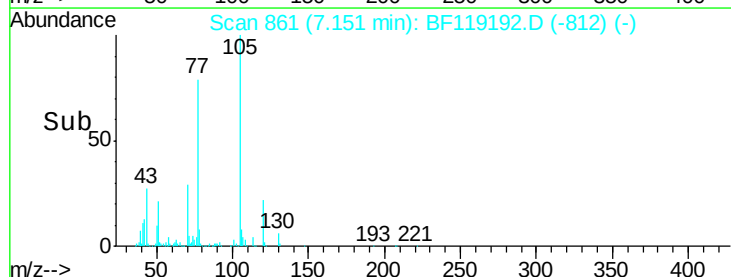


Abundance Ion 105.00 (104.70 to 105.70): E

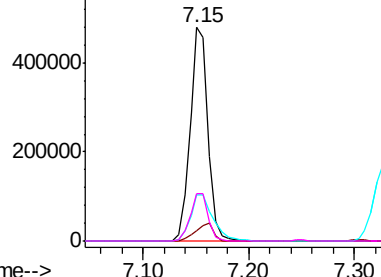
Ion 71.00 (70.70 to 71.70): BF1

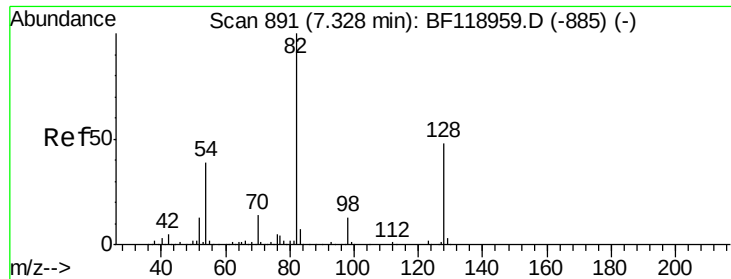
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

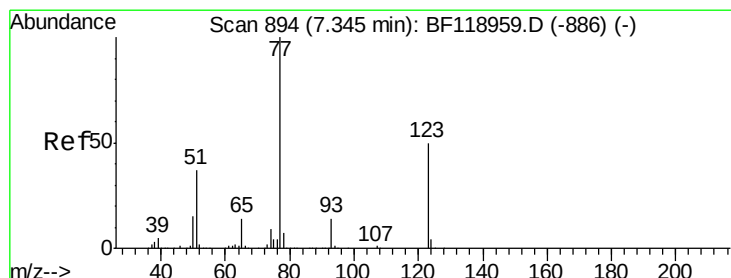
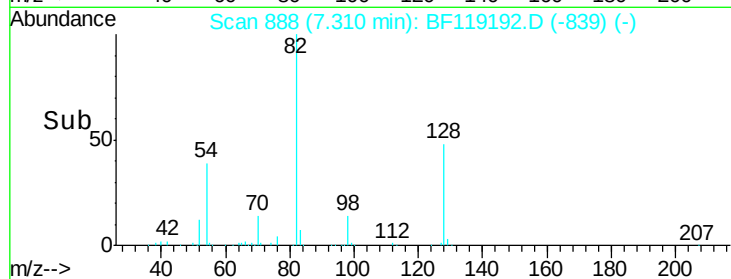
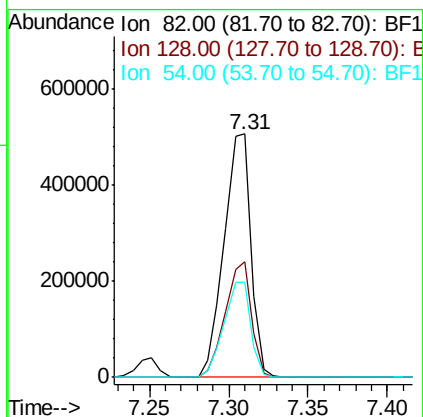
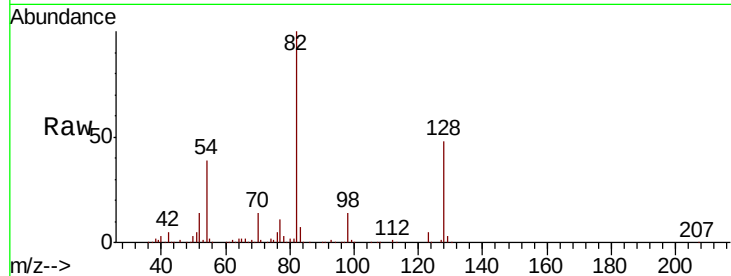




#23
 Nitrobenzene-d5
 Concen: 59.423 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

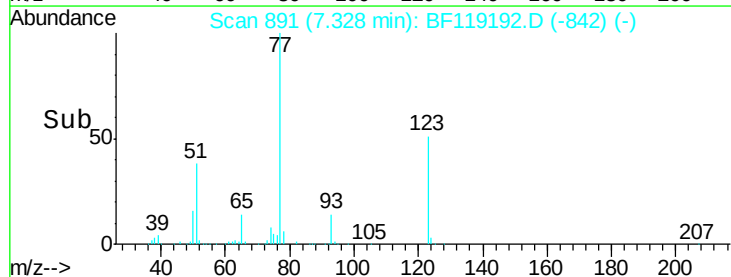
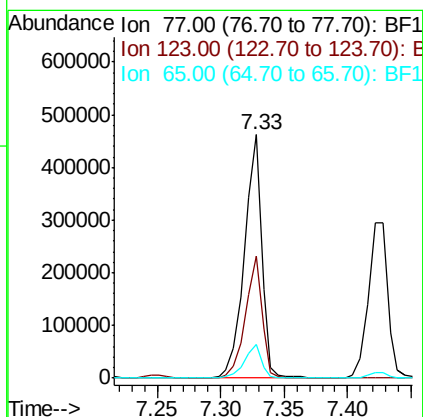
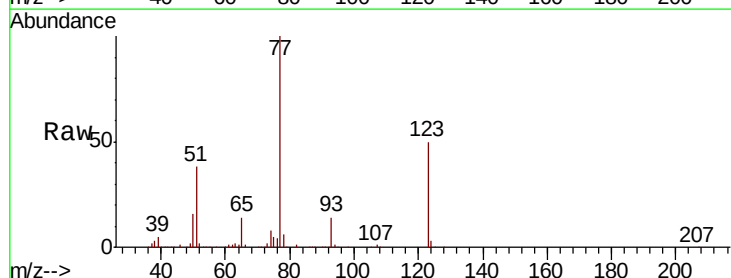
Instrument :
 BNA_F
 ClientSampleId :

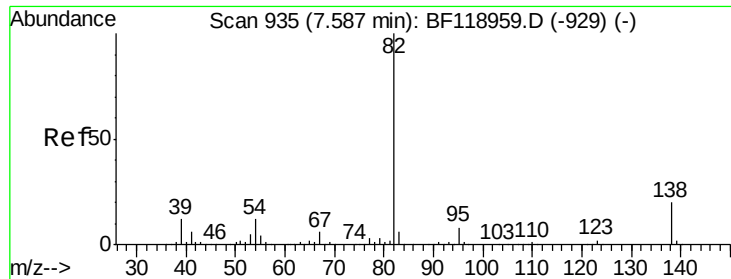
Tot Ion	82	Resp	601684
Ion Ratio	100	Lower	Upper
128	47.5	37.9	56.9
54	39.2	33.4	50.2



#24
 Nitrobenzene
 Concen: 43.276 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	77	Resp	433324
Ion Ratio	100	Lower	Upper
123	50.1	40.2	60.2
65	13.6	10.8	16.2





#25

Isophorone

Concen: 44.704 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

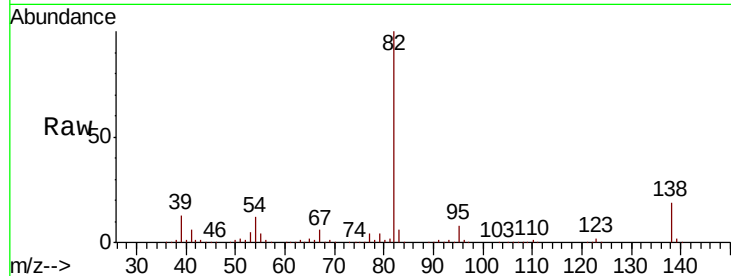
Tot Ion: 82 Resp: 786115

Ion Ratio Lower Upper

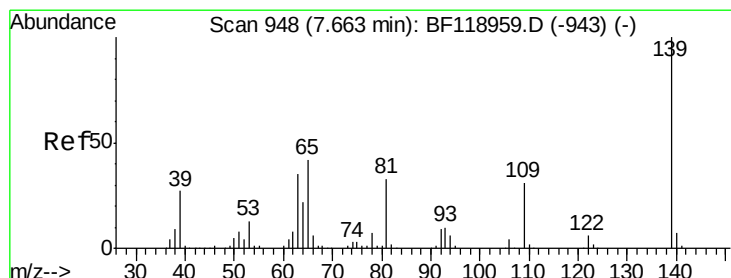
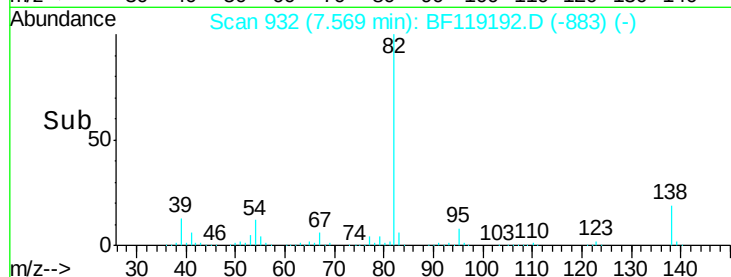
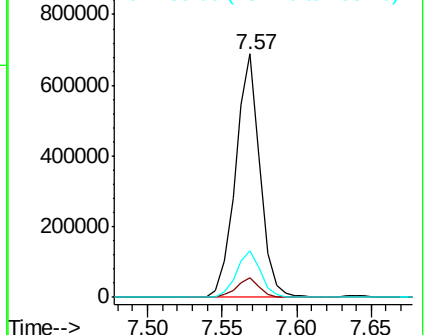
82 100

95 8.0 6.4 9.6

138 19.3 15.7 23.5



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.554 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

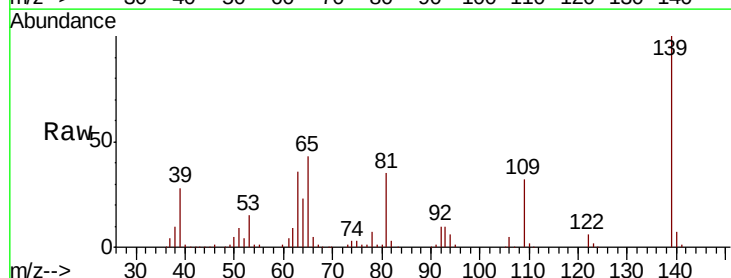
Tgt Ion: 139 Resp: 236377

Ion Ratio Lower Upper

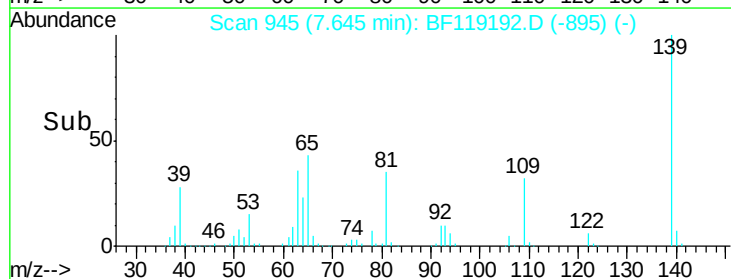
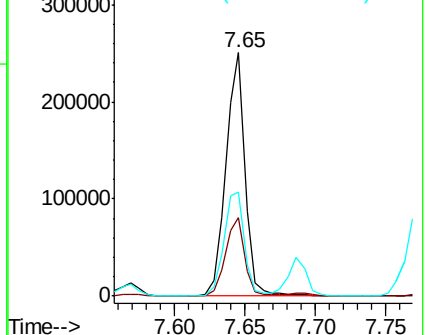
139 100

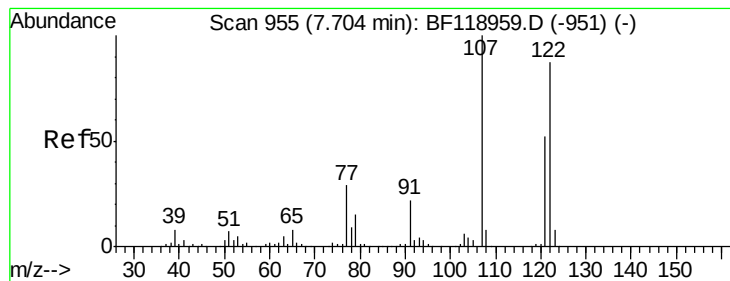
109 32.1 25.7 38.5

65 42.8 37.1 55.7



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

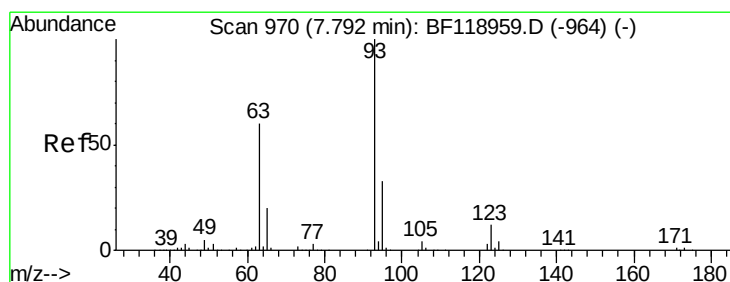
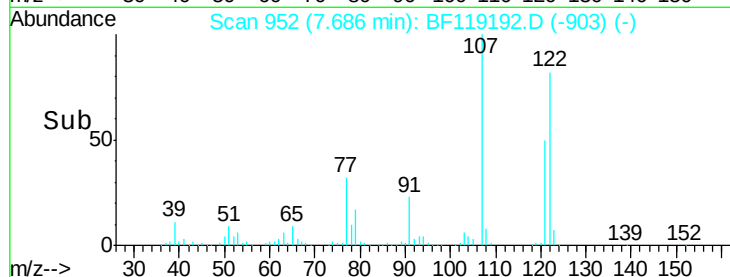
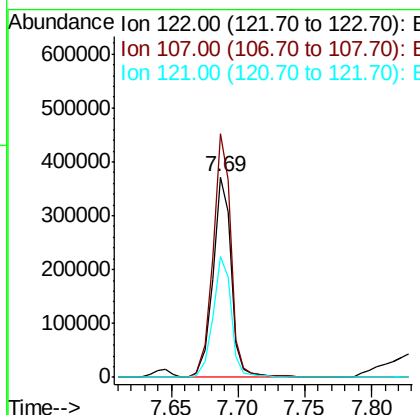
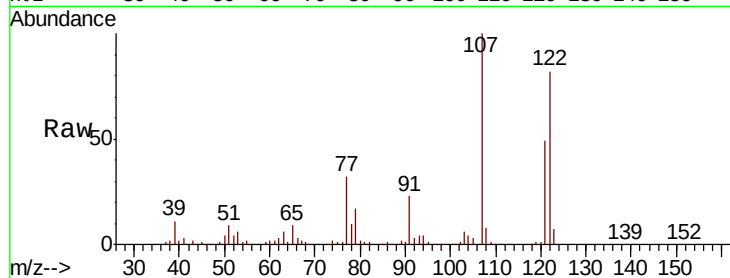




#27
 2,4-Dimethylphenol
 Concen: 50.015 ng
 RT: 7.69 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

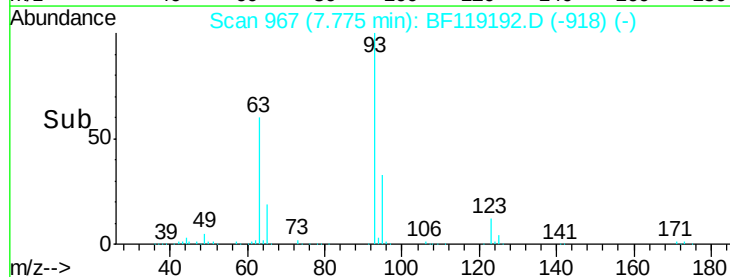
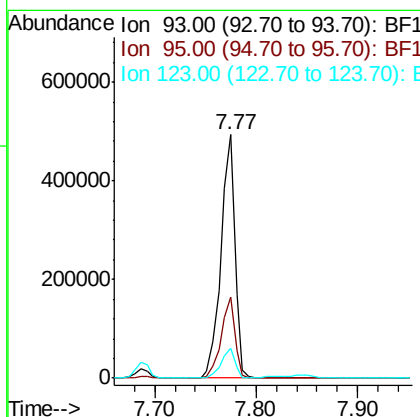
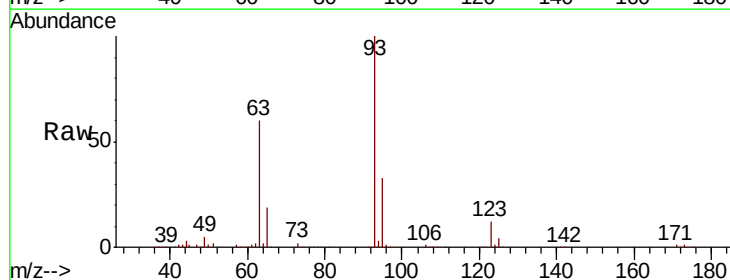
Instrument :
 BNA_F
 ClientSampled :

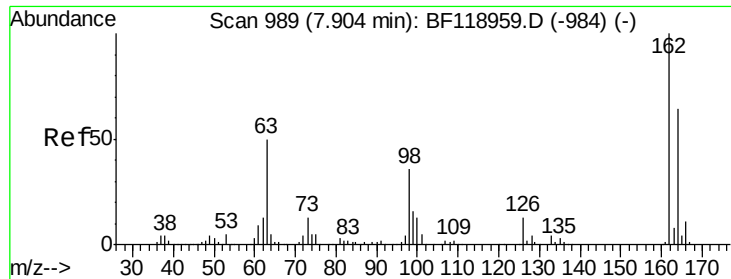
Tot Ion:122 Resp: 360124
 Ion Ratio Lower Upper
 122 100
 107 121.5 93.8 140.6
 121 60.1 48.2 72.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.543 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion: 93 Resp: 475495
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.5 39.7
 123 12.4 10.2 15.2

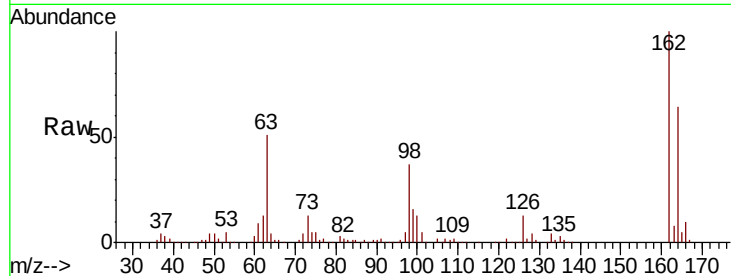




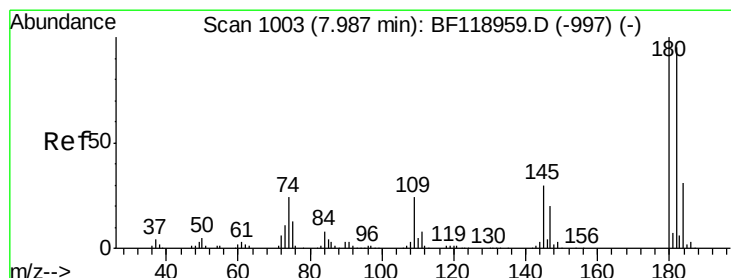
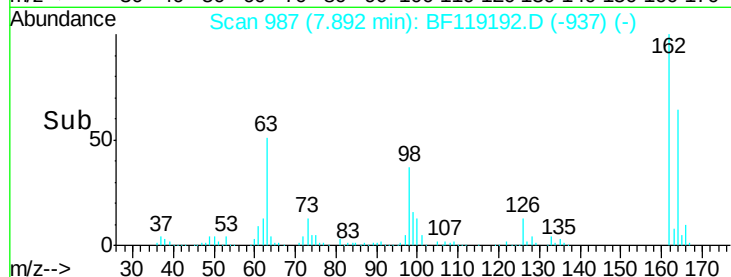
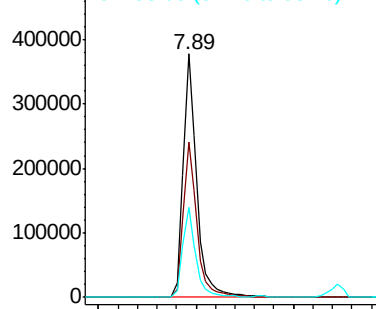
#29
2,4-Dichlorophenol
Concen: 43.171 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 365938
Ion Ratio Lower Upper
162 100
164 63.9 45.2 85.2
98 36.9 17.4 57.4

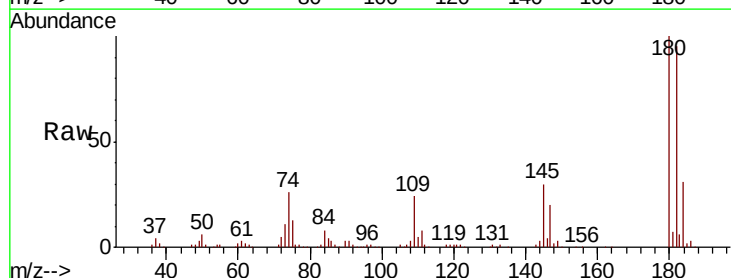


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

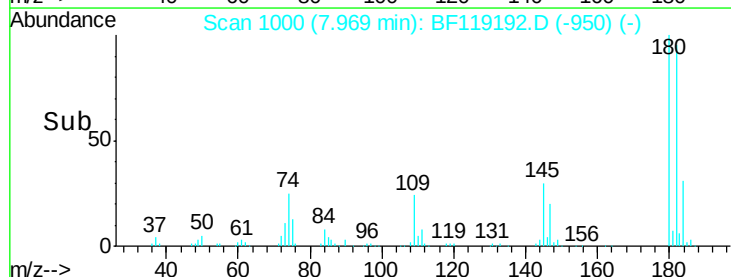
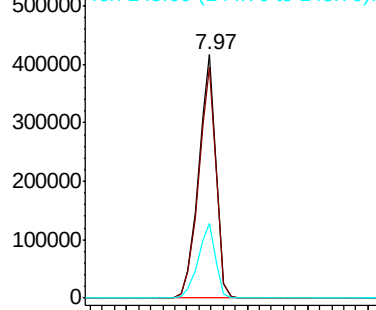


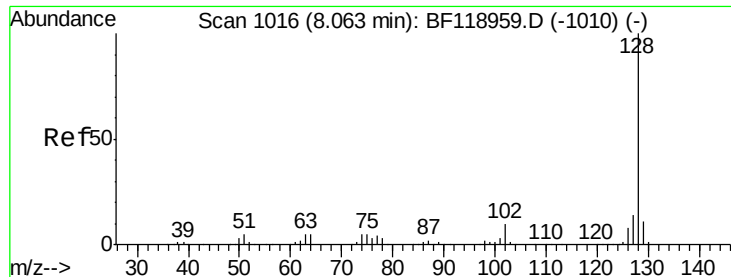
#30
1,2,4-Trichlorobenzene
Concen: 40.804 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:180 Resp: 410082
Ion Ratio Lower Upper
180 100
182 94.9 77.8 116.6
145 30.5 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

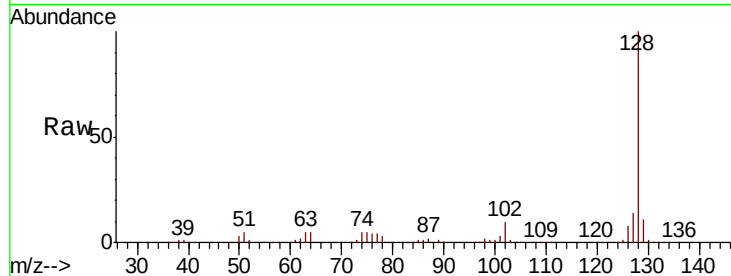




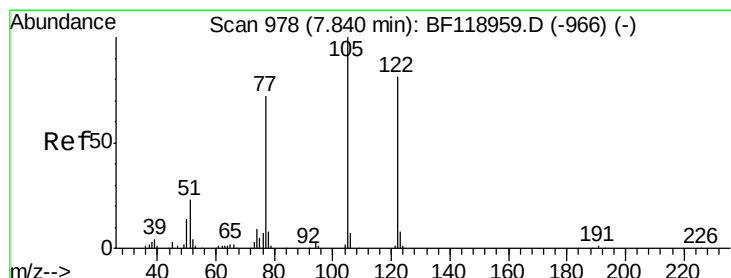
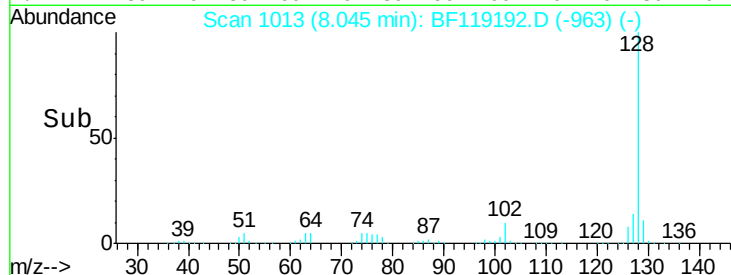
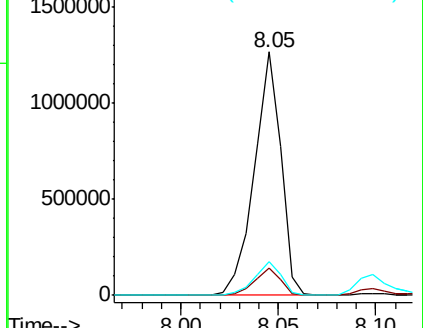
#31
Naphthalene
Concen: 43.196 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1197678
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.7 11.4 17.2

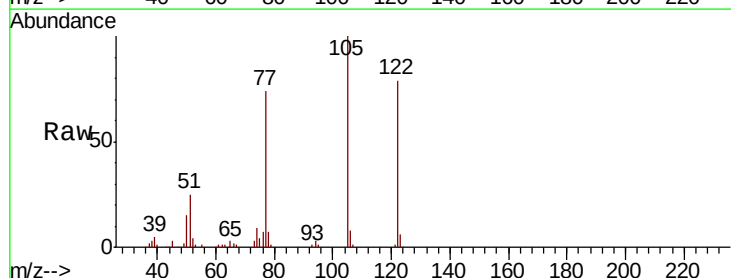


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

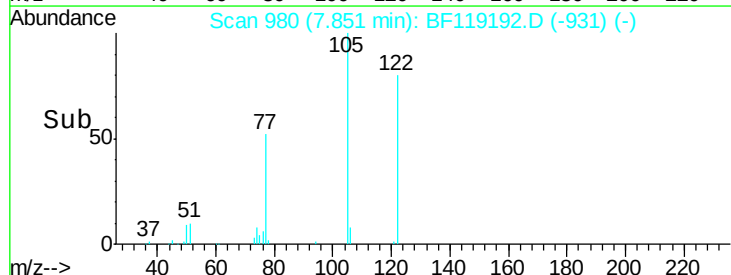
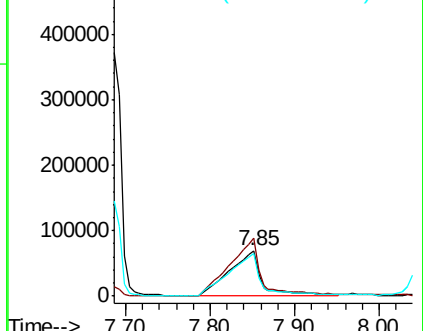


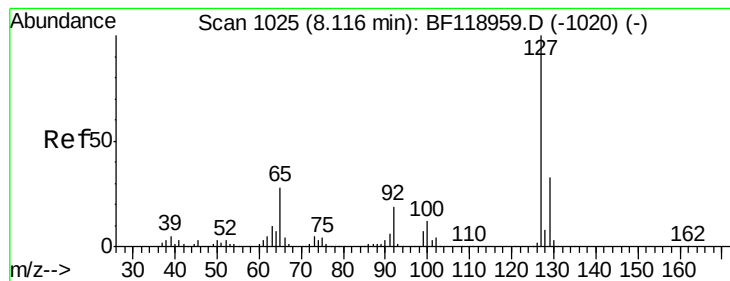
#32
Benzoic acid
Concen: 37.644 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:122 Resp: 188978
Ion Ratio Lower Upper
122 100
105 126.8 106.3 146.3
77 94.3 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: 12.383 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 147667

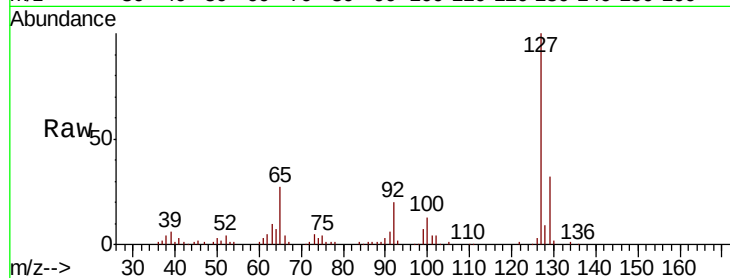
Ion Ratio Lower Upper

127 100

129 32.2 25.9 38.9

65 27.2 23.9 35.9

92 19.7 16.3 24.5

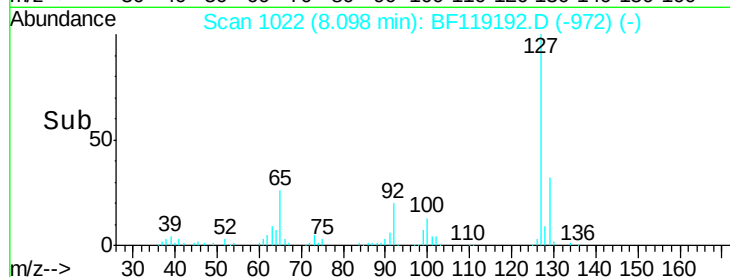


Abundance Ion 127.00 (126.70 to 127.70): E

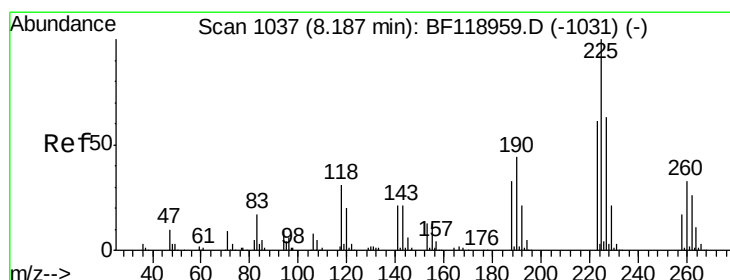
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time--> 8.00 8.10 8.20



#34

Hexachlorobutadiene

Concen: 40.274 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

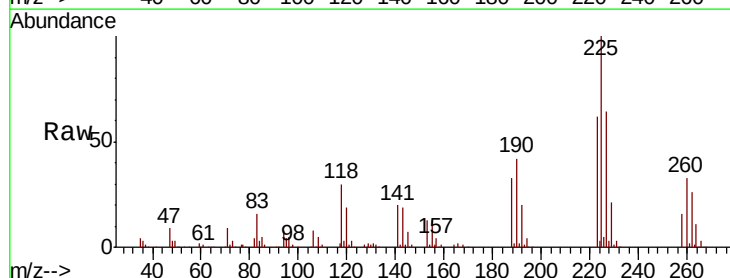
Tgt Ion:225 Resp: 252120

Ion Ratio Lower Upper

225 100

223 62.3 49.4 74.2

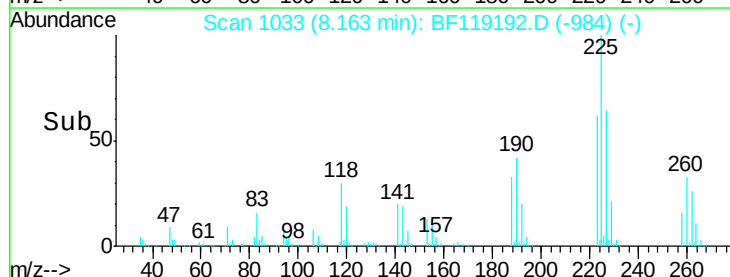
227 64.1 52.9 79.3



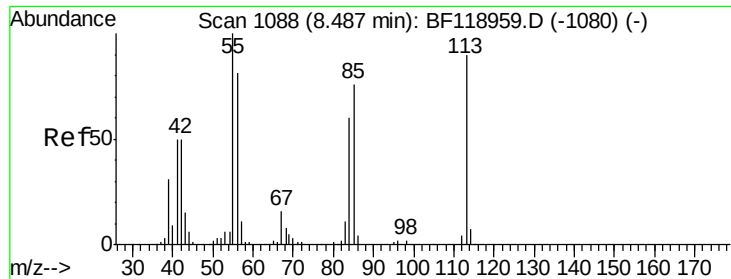
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



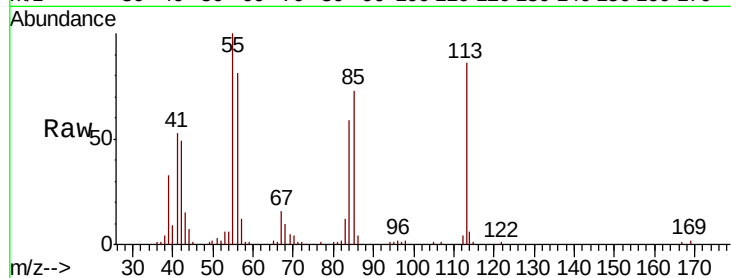
Time--> 8.10 8.15 8.20



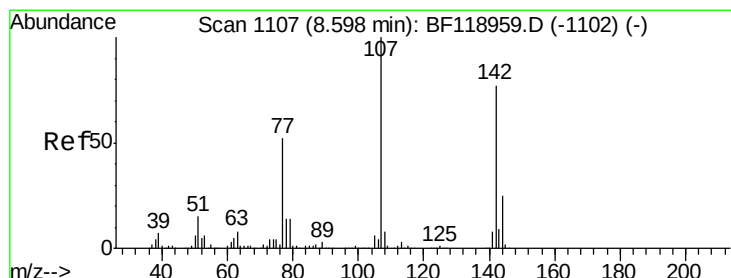
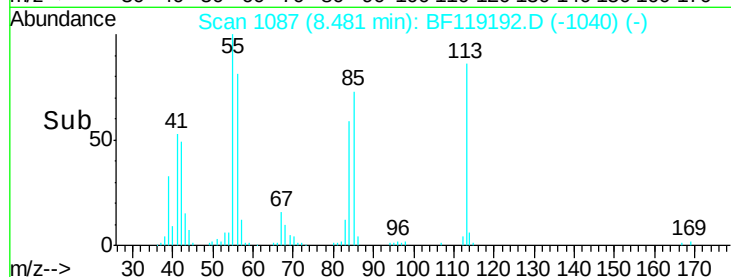
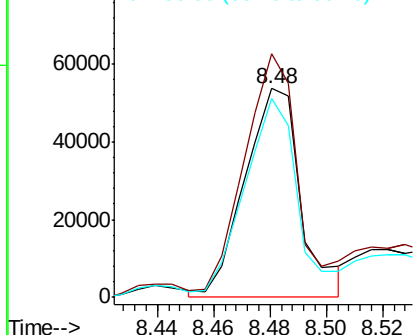
#35
 Caprolactam
 Concen: 28.334 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 73954
 Ion Ratio Lower Upper
 113 100
 55 116.7 95.7 135.7
 56 95.0 73.1 113.1

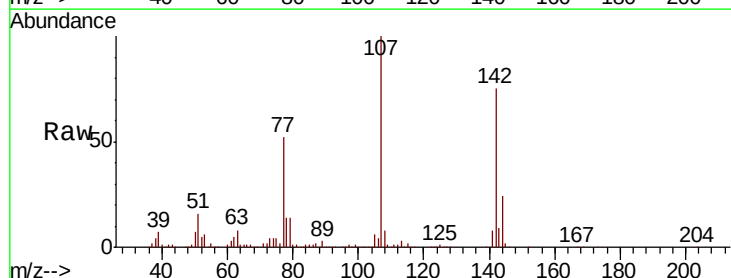


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

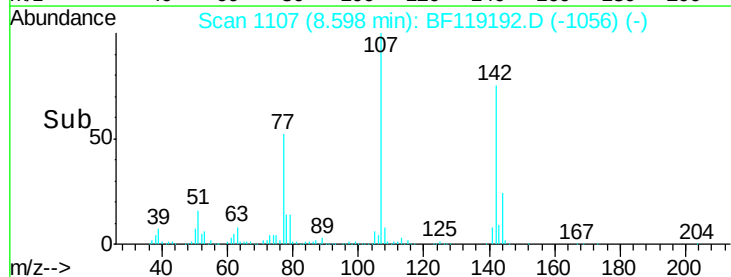
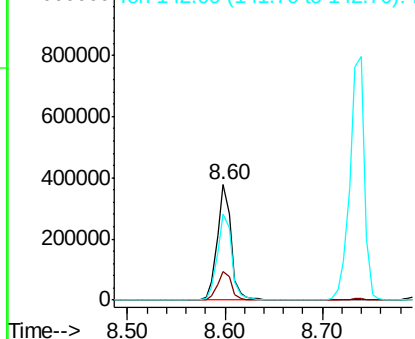


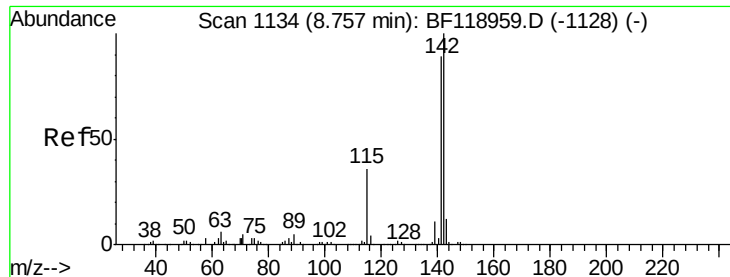
#36
 4-Chloro-3-methylphenol
 Concen: 43.868 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:107 Resp: 376323
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.1 30.1
 142 74.8 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

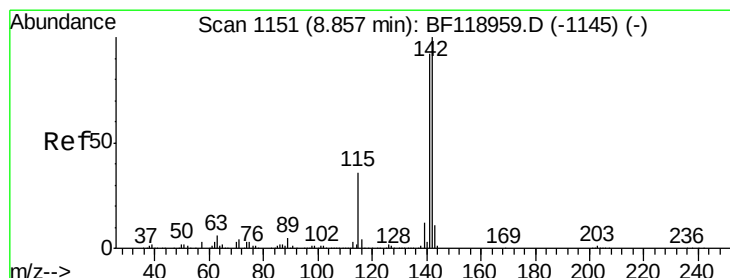
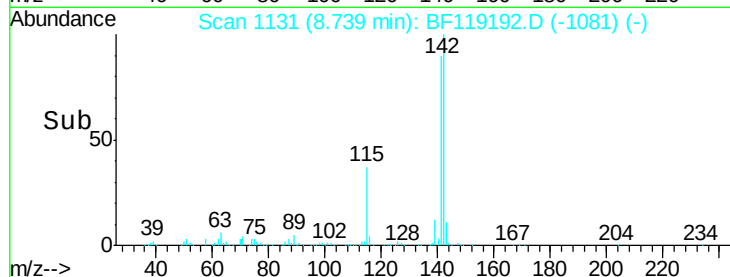
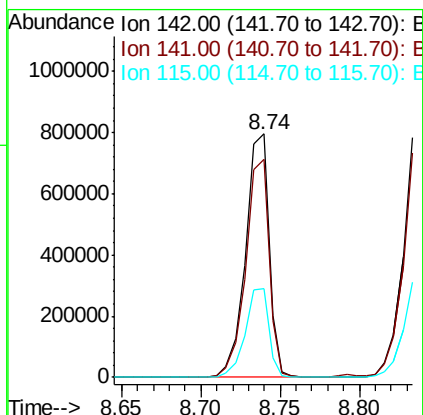
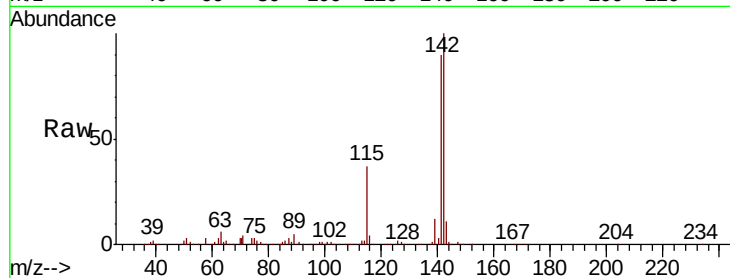




#37
2-Methylnaphthalene
Concen: 43.933 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

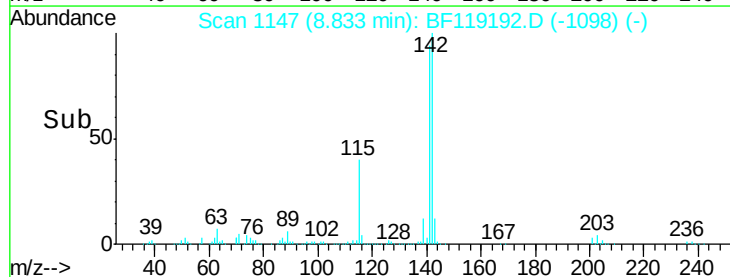
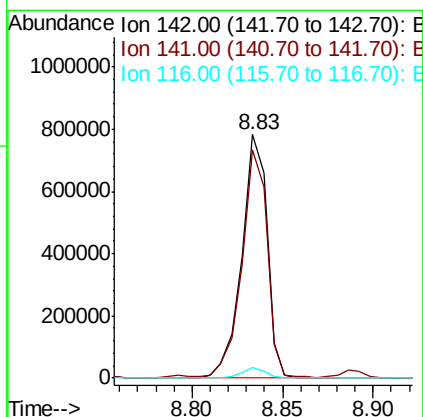
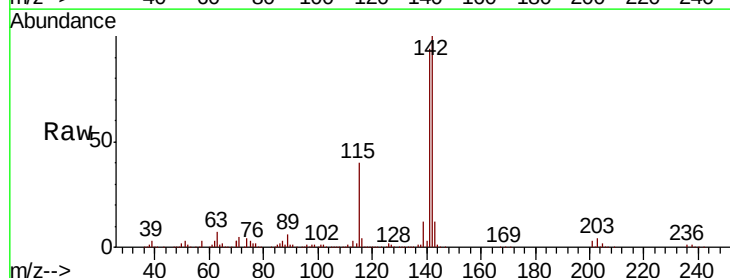
Instrument :
BNA_F
ClientSampleId :

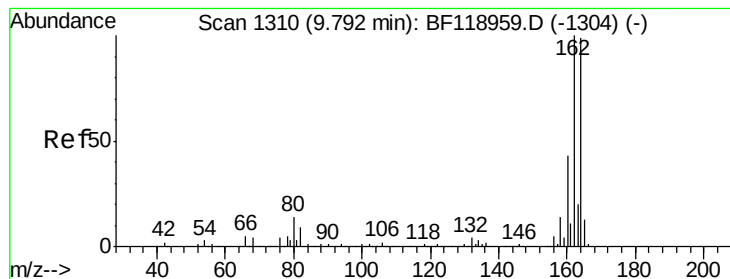
Tot Ion:142 Resp: 819748
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5
115 36.5 30.6 45.8



#38
1-Methylnaphthalene
Concen: 43.307 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:142 Resp: 759951
Ion Ratio Lower Upper
142 100
141 93.7 75.8 113.6
116 4.1 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: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

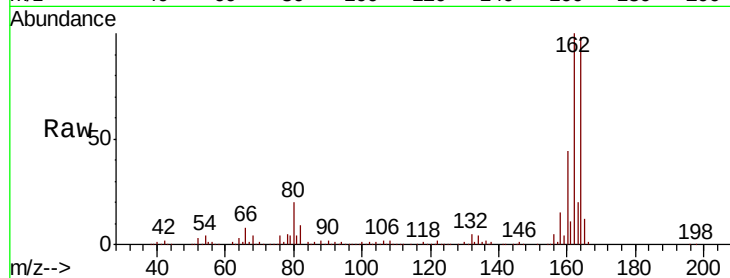
Tot Ion:164 Resp: 277665

Ion Ratio Lower Upper

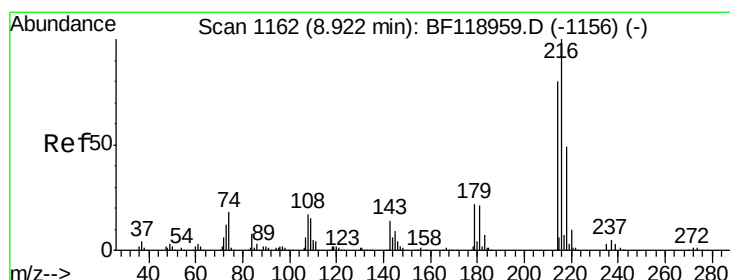
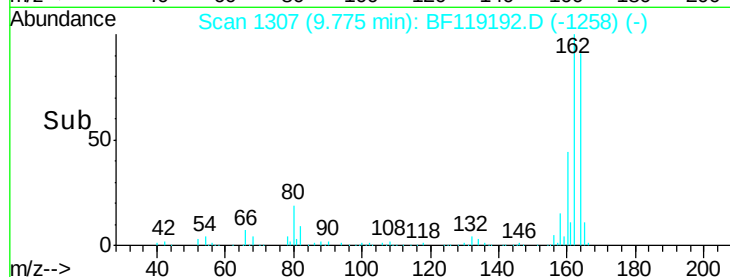
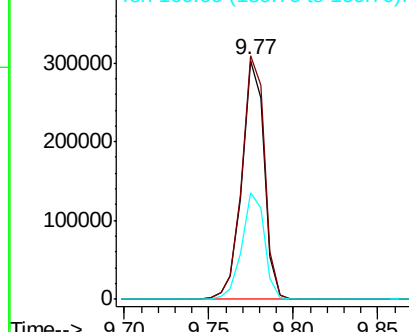
164 100

162 102.0 81.8 122.8

160 44.8 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.412 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:216 Resp: 406411

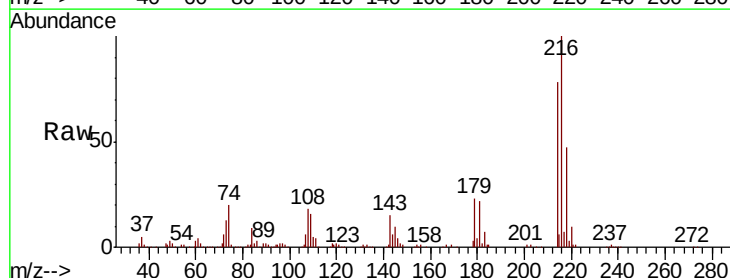
Ion Ratio Lower Upper

216 100

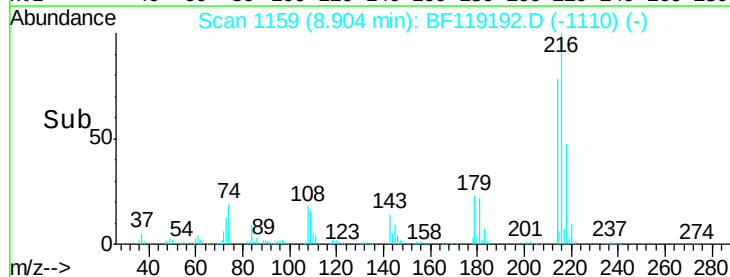
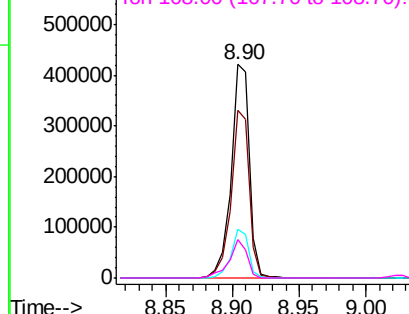
214 78.1 63.3 94.9

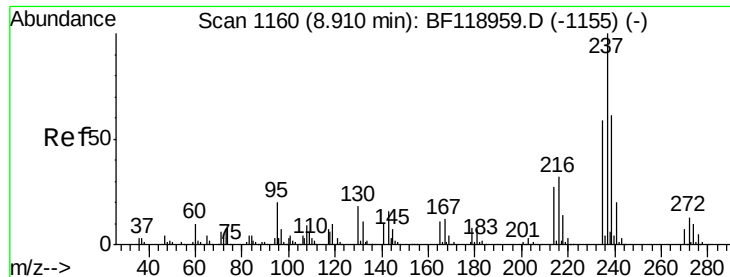
179 21.8 17.7 26.5

108 17.9 13.9 20.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

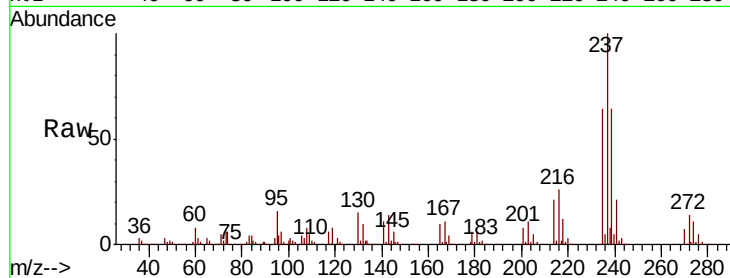




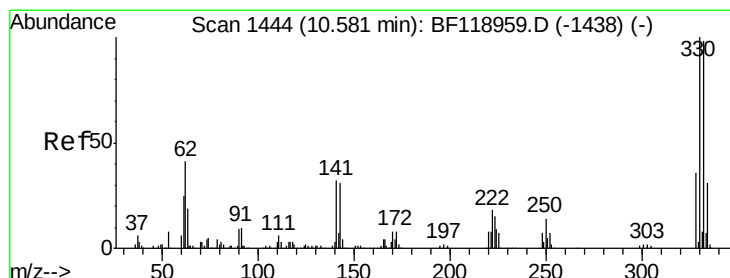
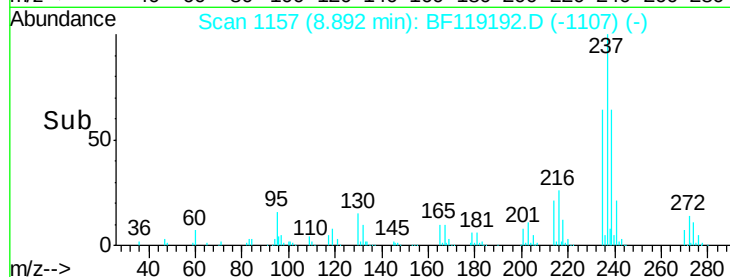
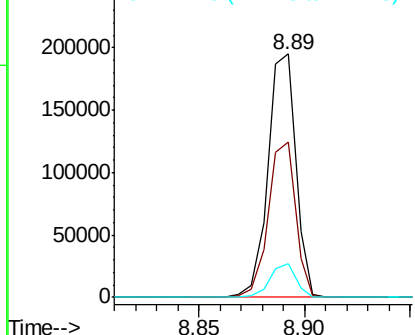
#41
Hexachlorocyclopentadiene
Concen: 56.044 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.3	82.3
272	13.7	0.0	33.5

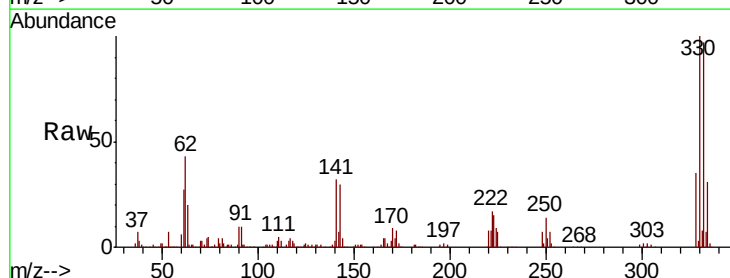


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

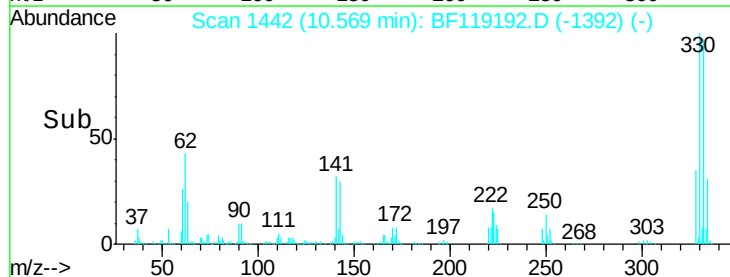
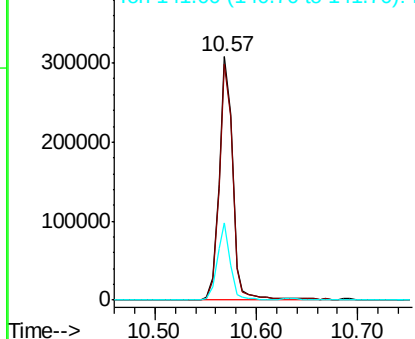


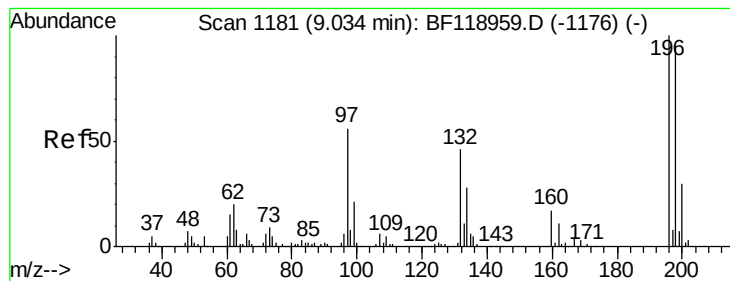
#42
2,4,6-Tribromophenol
Concen: 79.243 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.0	114.0
141	29.8	22.9	34.3



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





#43

2,4,6-Trichlorophenol

Concen: 42.582 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

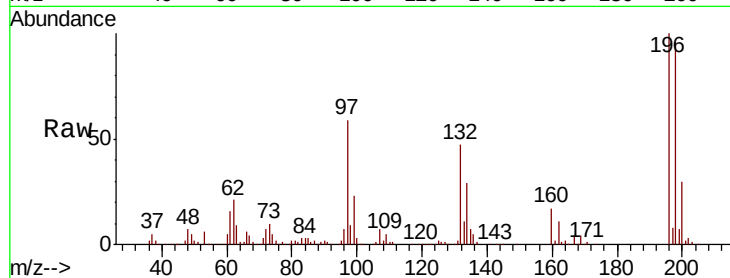
Tot Ion:196 Resp: 251741

Ion Ratio Lower Upper

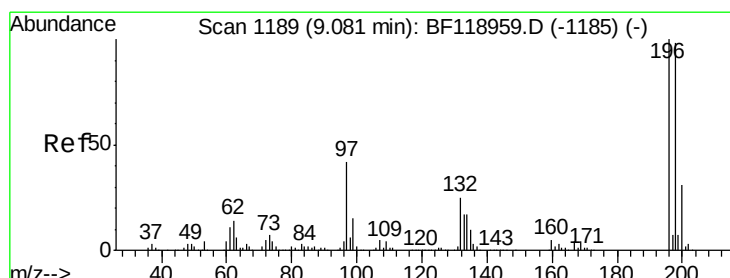
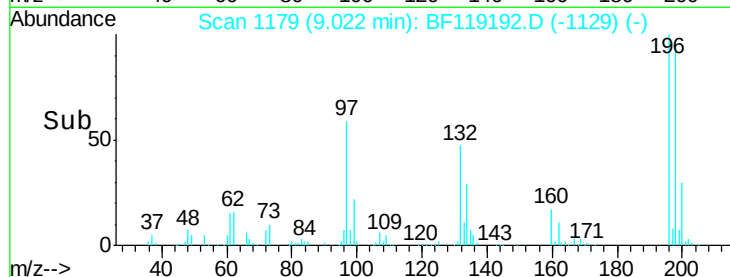
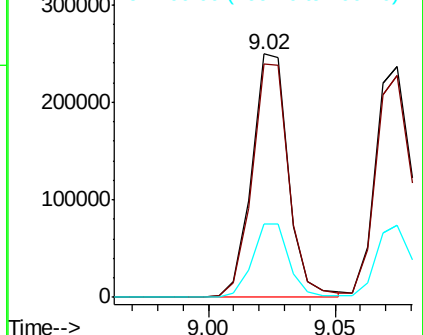
196 100

198 96.0 77.1 115.7

200 30.3 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: 42.677 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:196 Resp: 264751

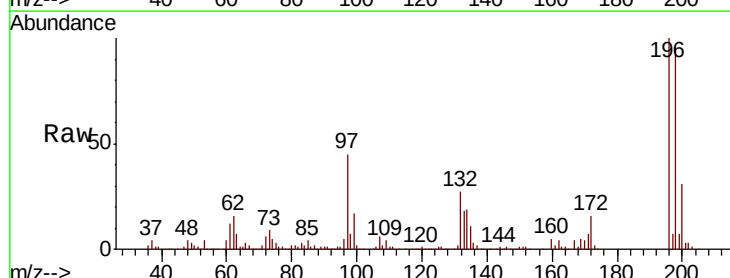
Ion Ratio Lower Upper

196 100

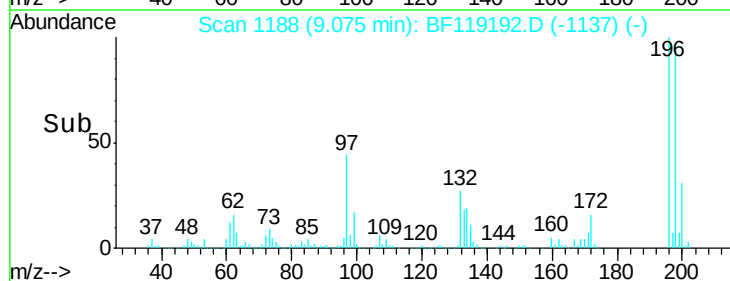
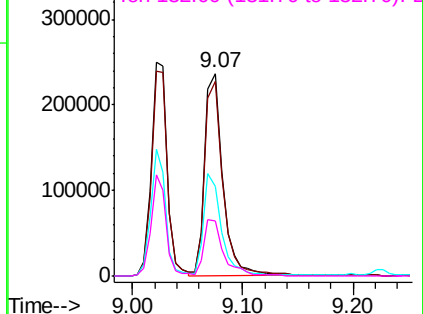
198 95.8 76.8 115.2

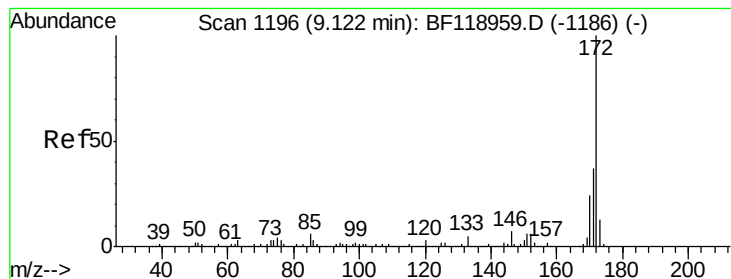
97 44.5 38.5 57.7

132 27.1 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: 63.463 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

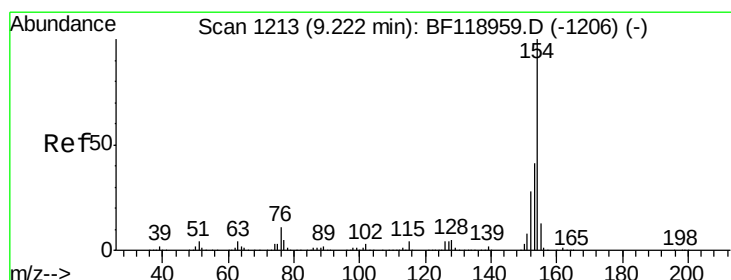
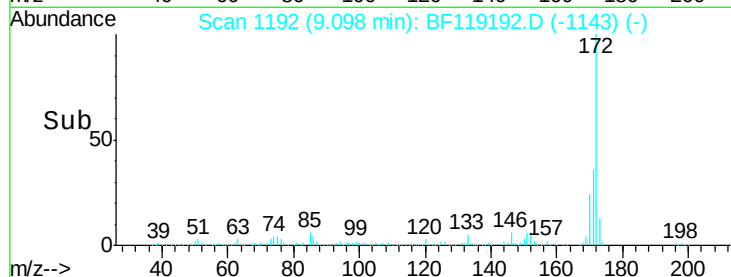
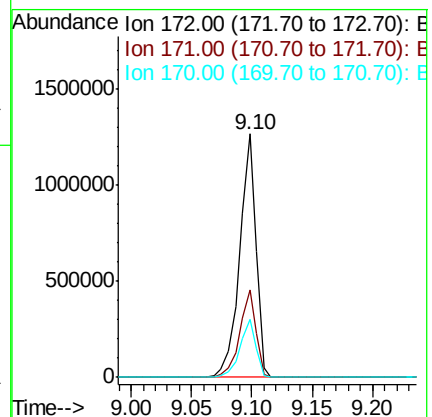
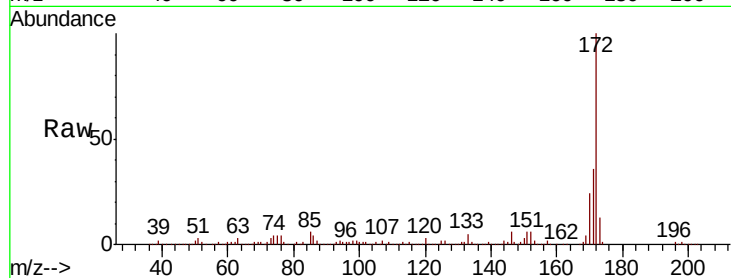
Tot Ion:172 Resp: 1196153

Ion Ratio Lower Upper

172 100

171 36.1 30.6 45.8

170 23.8 20.2 30.2



#46

1,1'-Biphenyl

Concen: 43.621 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

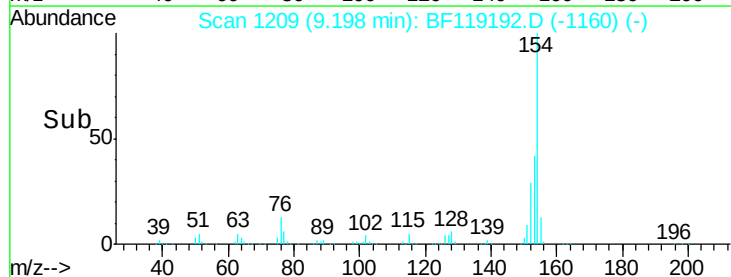
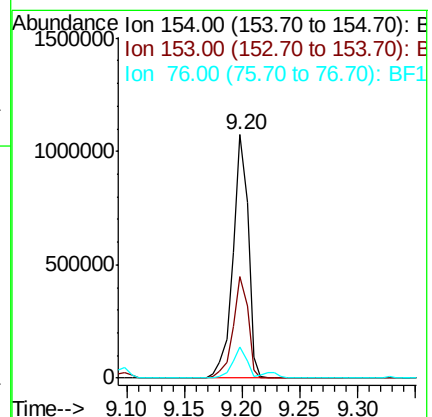
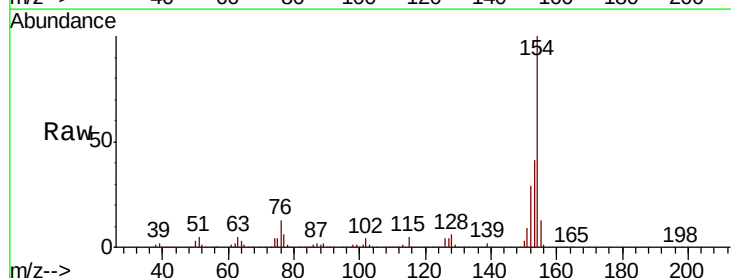
Tgt Ion:154 Resp: 978910

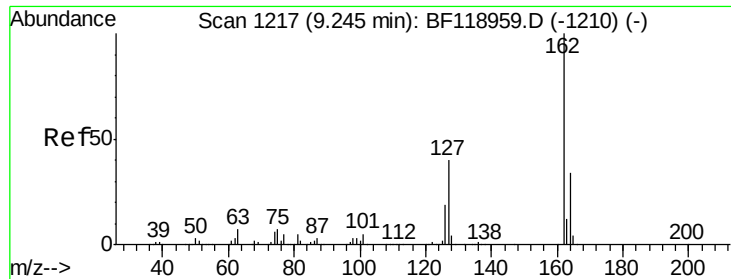
Ion Ratio Lower Upper

154 100

153 41.5 22.8 62.8

76 12.6 0.0 32.2

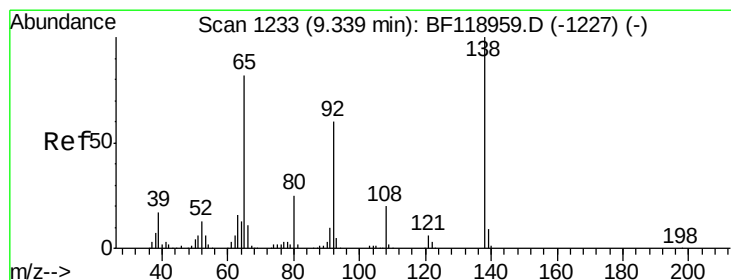
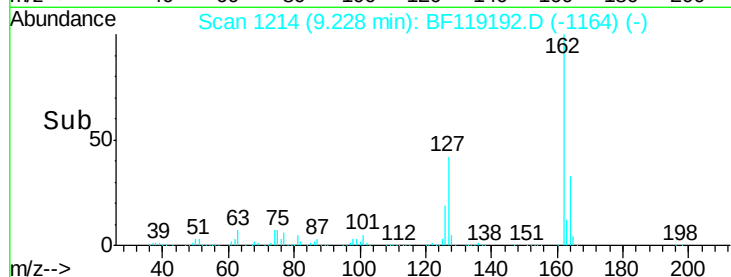
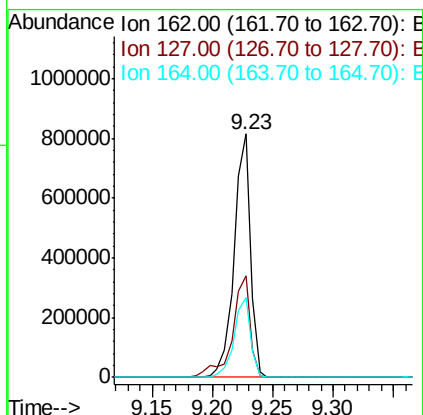
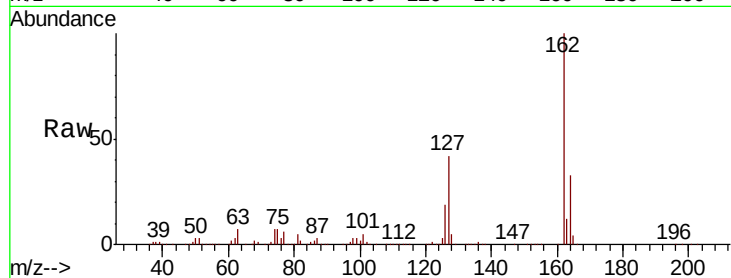




#47
 2-Chloronaphthalene
 Concen: 42.710 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

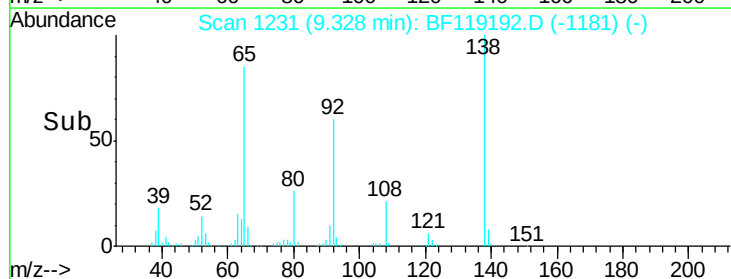
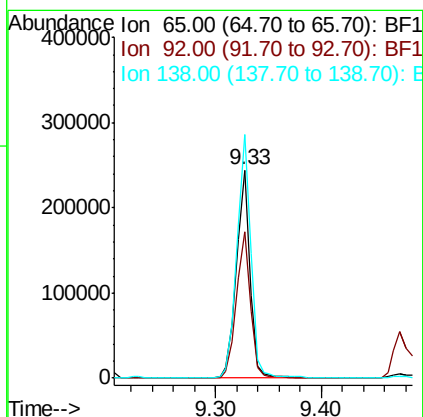
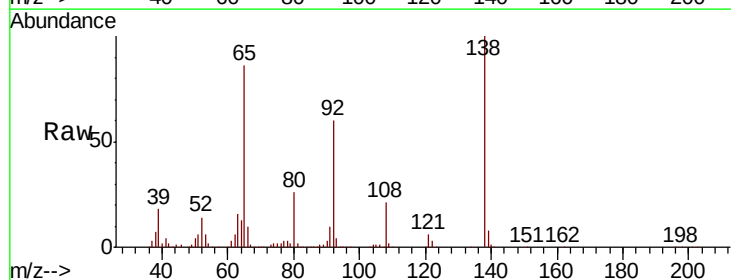
Instrument :
 BNA_F
 ClientSampleId :

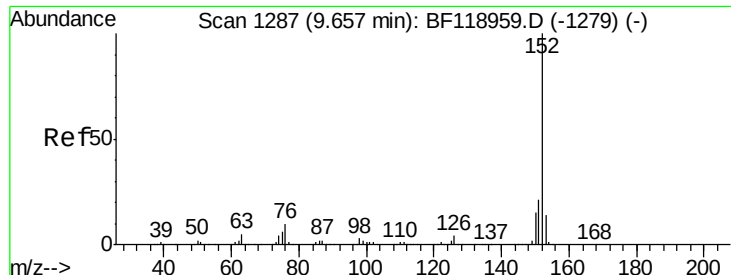
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.0	52.4
164	33.0	27.2	40.8



#48
 2-Nitroaniline
 Concen: 43.002 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	58.2	87.2
138	116.9	95.6	143.4





#49

Acenaphthylene

Concen: 44.750 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

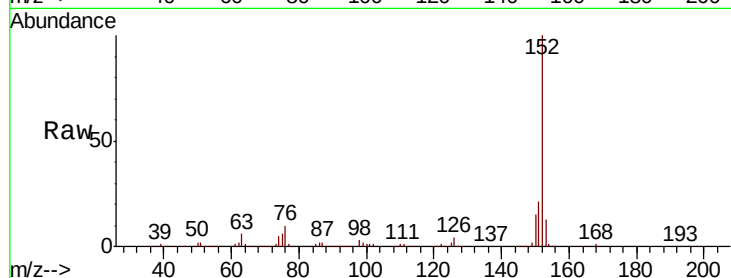
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1168812

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.0	16.6

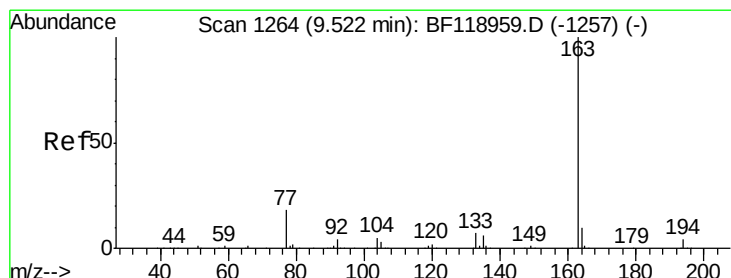
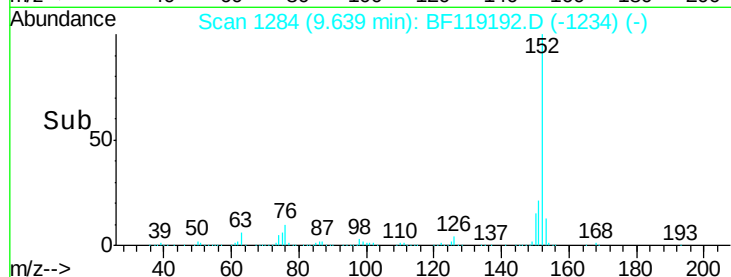
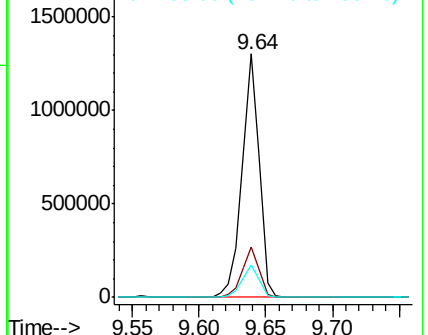


Abundance

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: 52.052 ng

RT: 9.50 min Scan# 1261

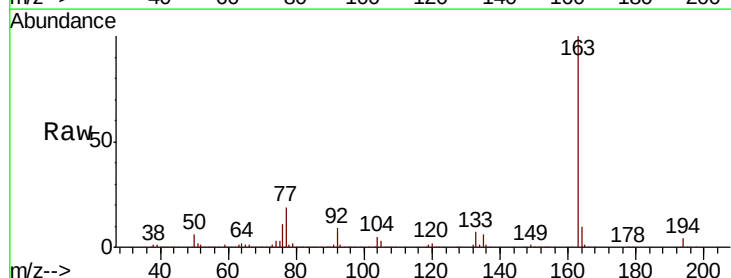
Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:163 Resp: 1105194

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.4	8.4	12.6

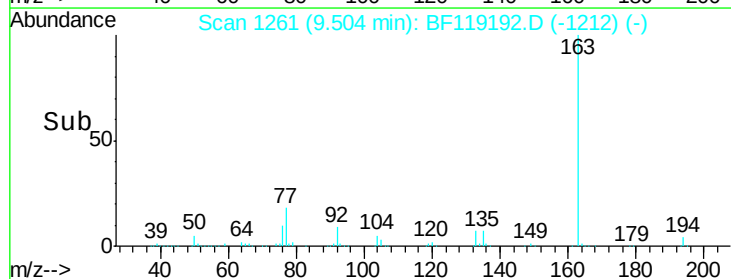
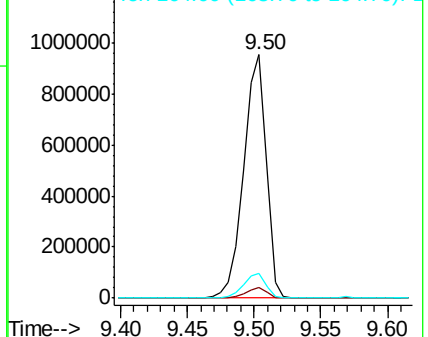


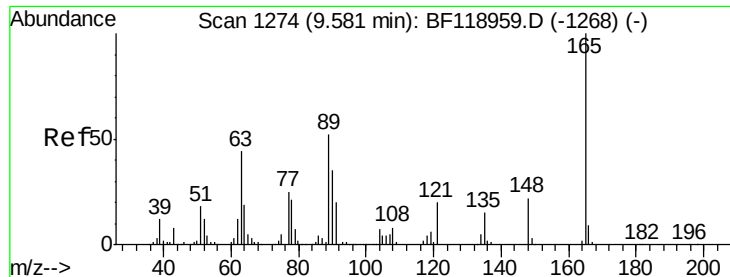
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

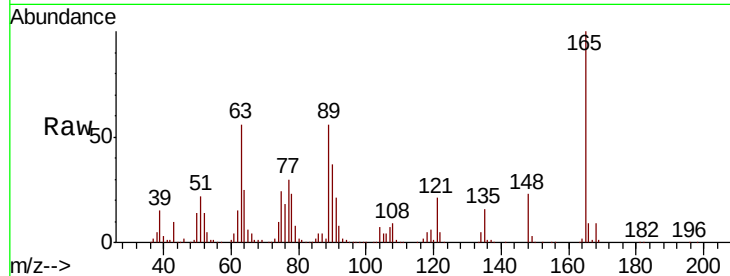




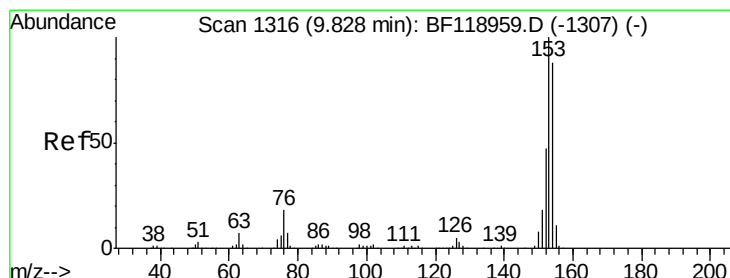
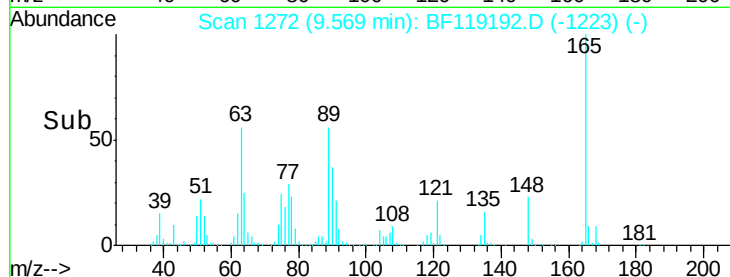
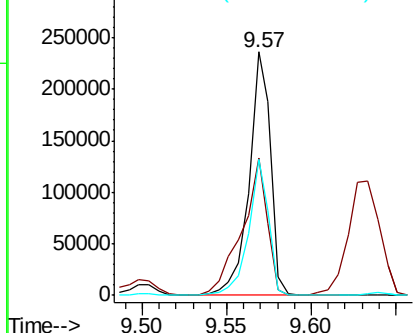
#51
 2,6-Dinitrotoluene
 Concen: 44.447 ng
 RT: 9.57 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 209667
 Ion Ratio Lower Upper
 165 100
 63 56.2 34.3 51.5#
 89 56.1 38.3 57.5

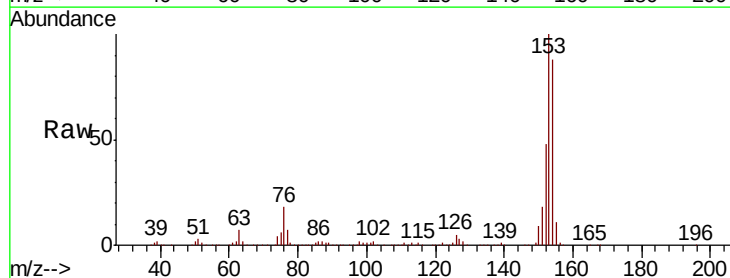


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

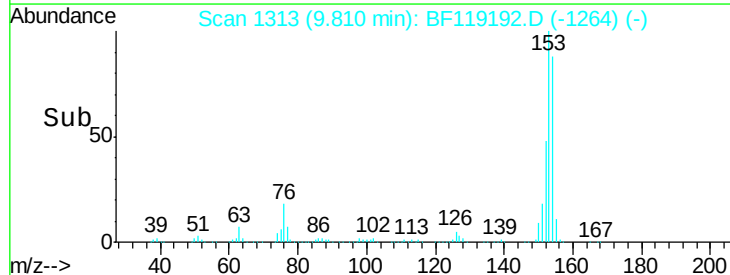
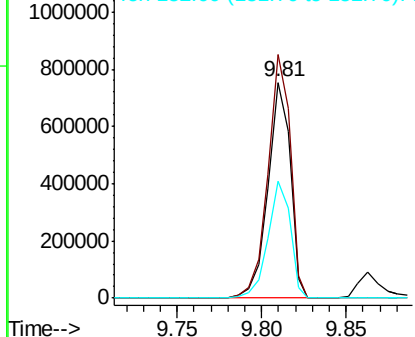


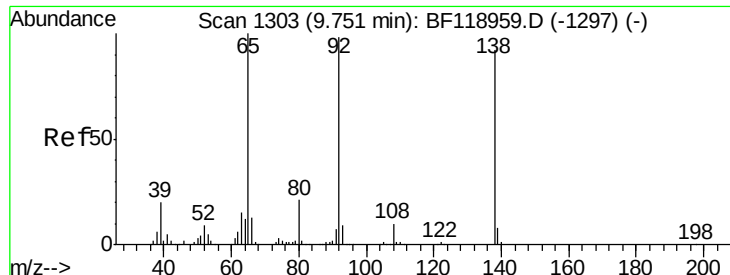
#52
 Acenaphthene
 Concen: 43.888 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:154 Resp: 691197
 Ion Ratio Lower Upper
 154 100
 153 113.0 90.3 135.5
 152 54.1 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

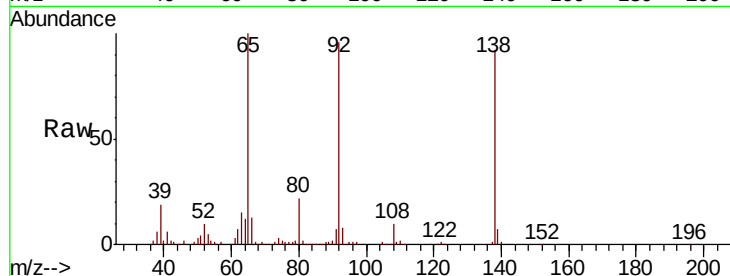




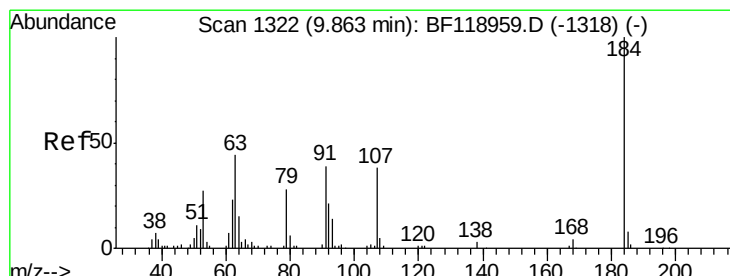
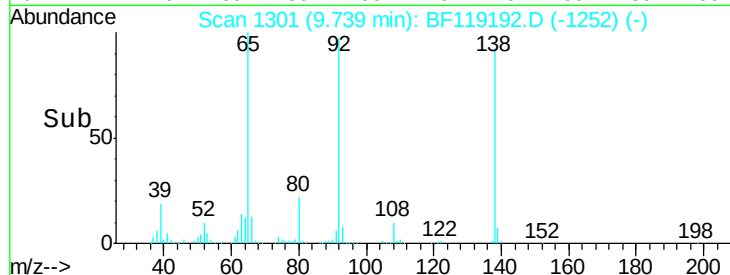
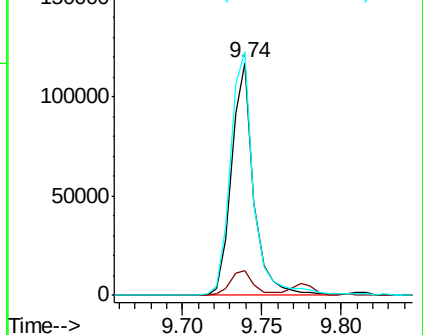
#53
3-Nitroaniline
Concen: 21.733 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 113653
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 104.9 84.8 127.2

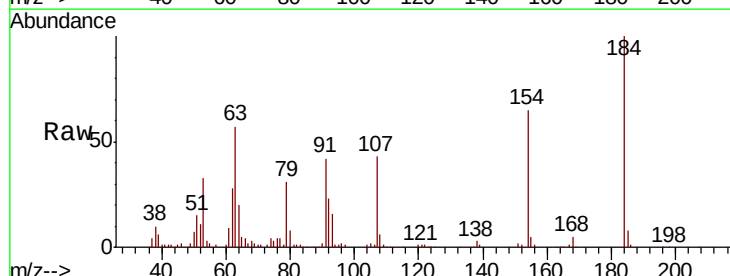


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

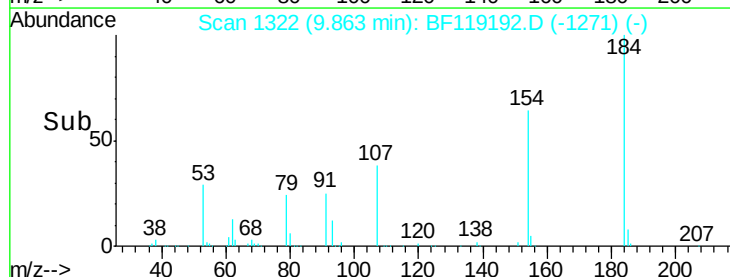
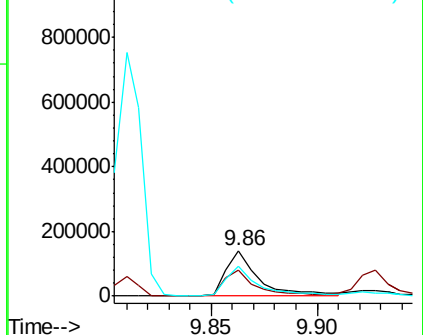


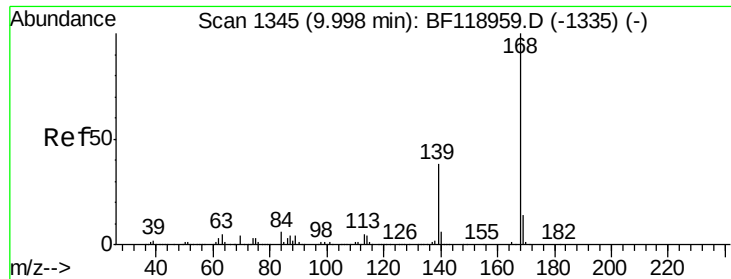
#54
2,4-Dinitrophenol
Concen: 67.619 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:184 Resp: 152103
Ion Ratio Lower Upper
184 100
63 57.3 38.7 58.1
154 64.8 49.7 74.5



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

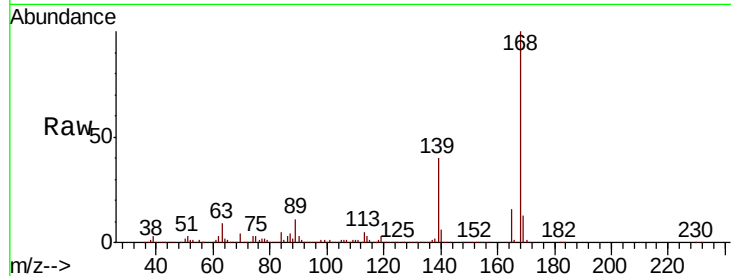




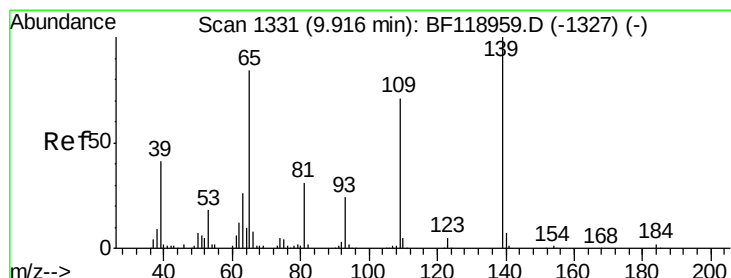
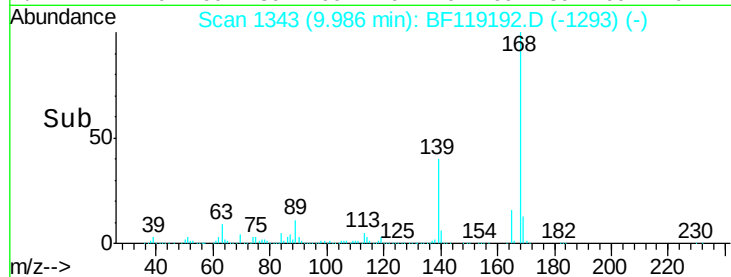
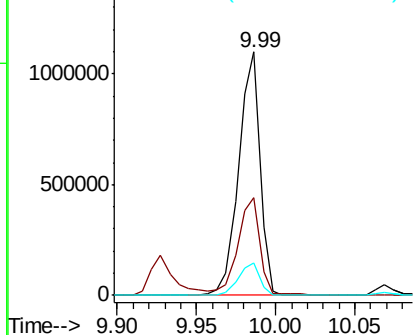
#55
Dibenzenofuran
Concen: 43.309 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1018063
Ion Ratio Lower Upper
168 100
139 40.3 34.0 51.0
169 13.5 11.0 16.4

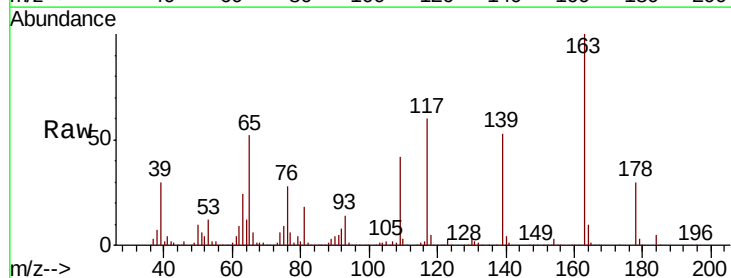


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

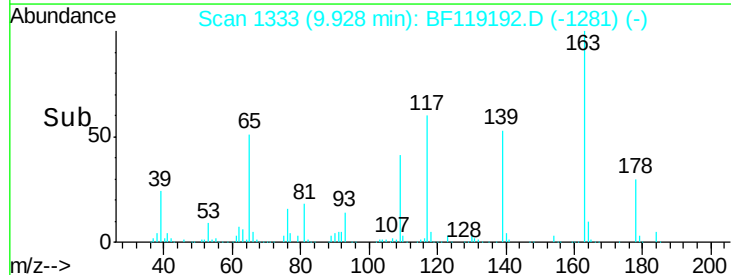
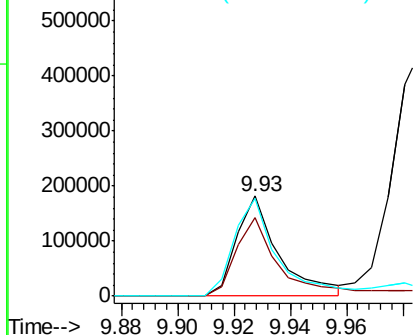


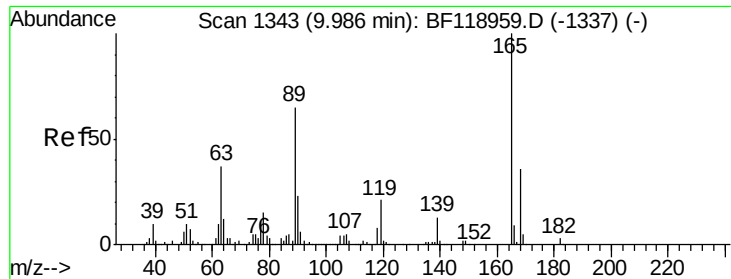
#56
4-Nitrophenol
Concen: 59.978 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:139 Resp: 188454
Ion Ratio Lower Upper
139 100
109 77.9 56.7 96.7
65 97.5 65.0 105.0



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

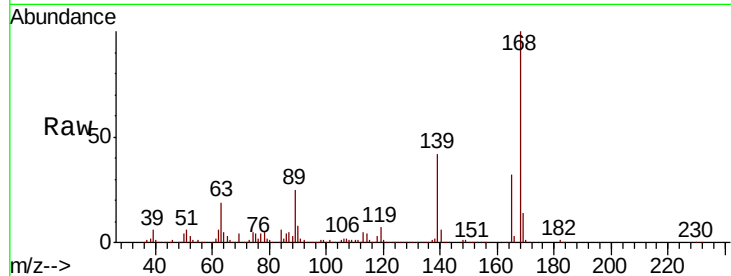




#57
 2,4-Dinitrotoluene
 Concen: 41.685 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	42.3	63.5
89	79.1	60.2	90.4
182	3.1	2.3	3.5

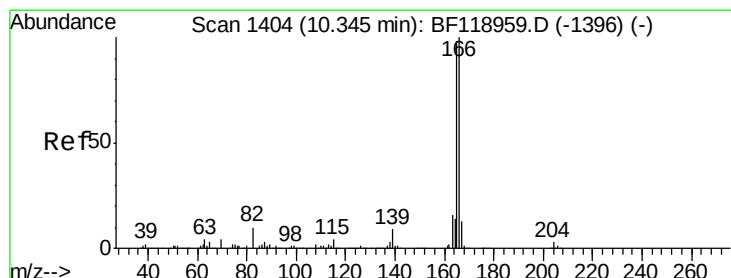
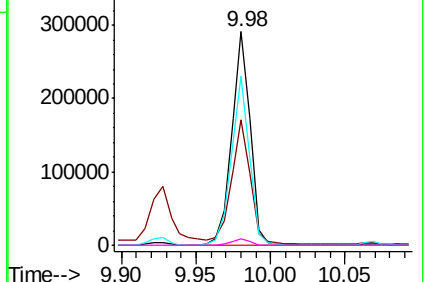
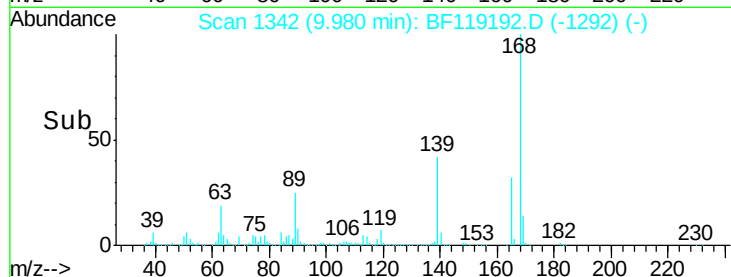


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

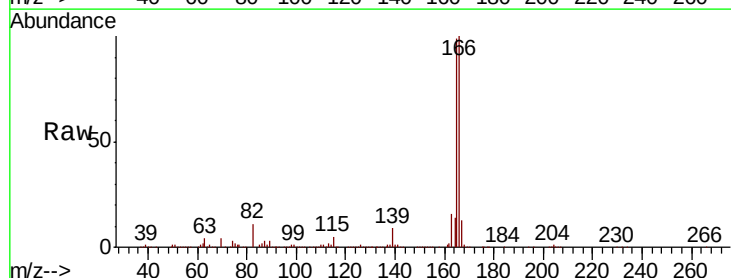
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 44.237 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

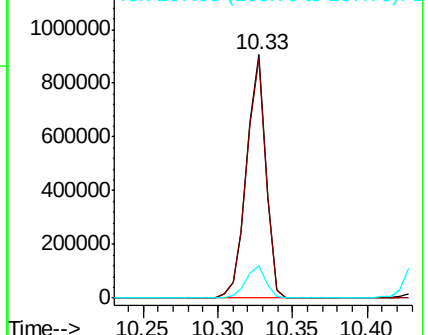
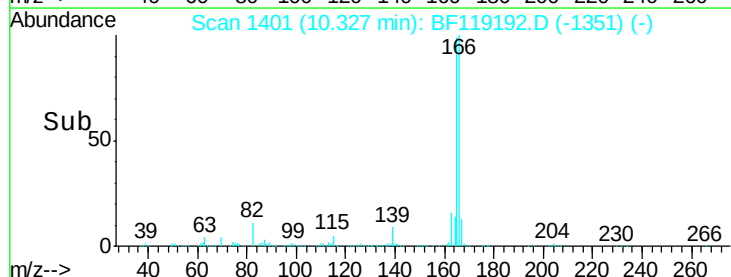
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	13.5	11.0	16.4

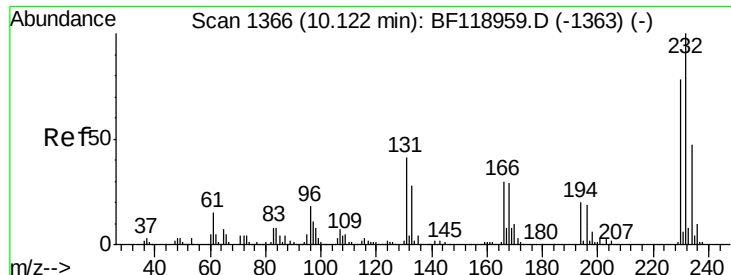


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

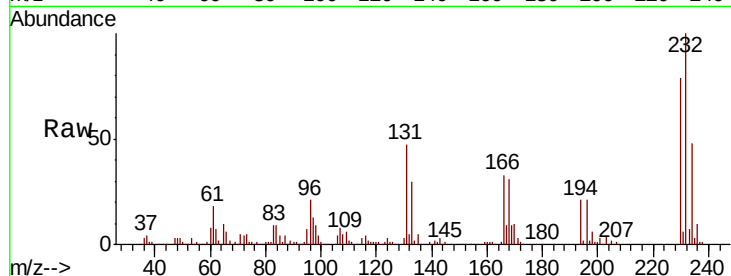




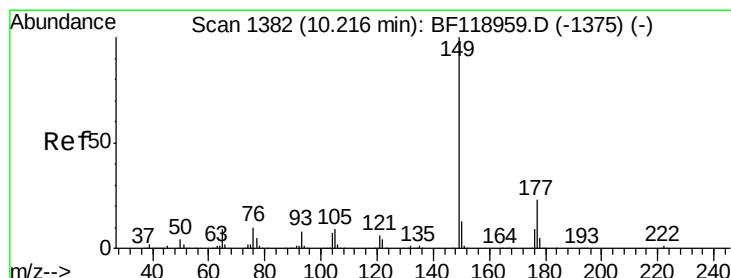
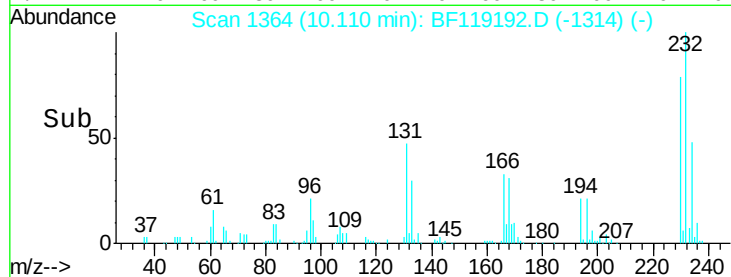
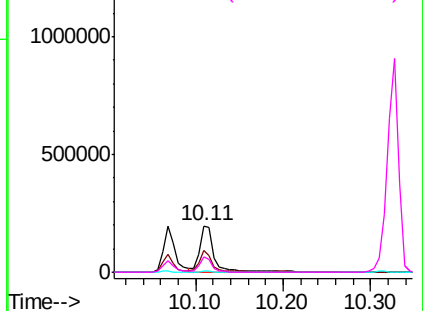
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.228 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.7	33.8	50.8
130	2.4	1.8	2.6
166	28.3	23.0	34.4

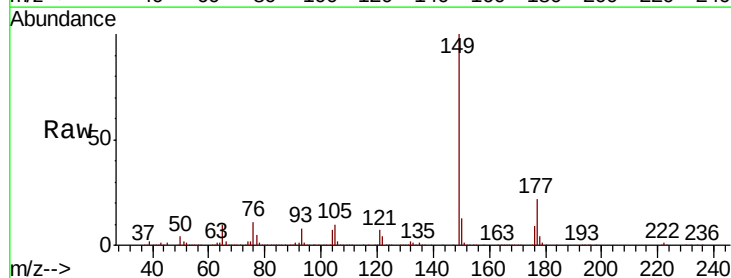


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

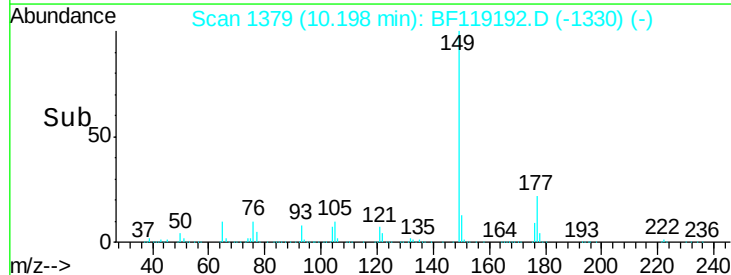
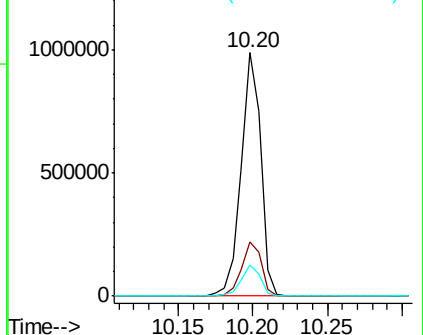


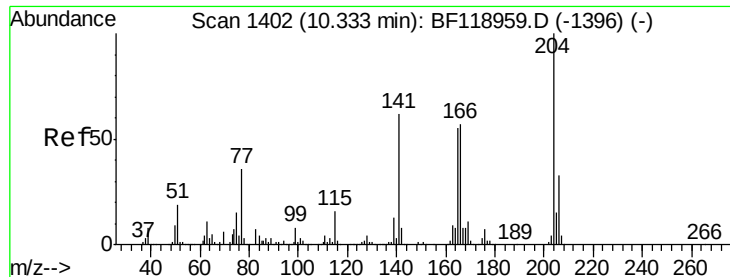
#60
 Diethylphthalate
 Concen: 45.232 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.2	27.2
150	12.9	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

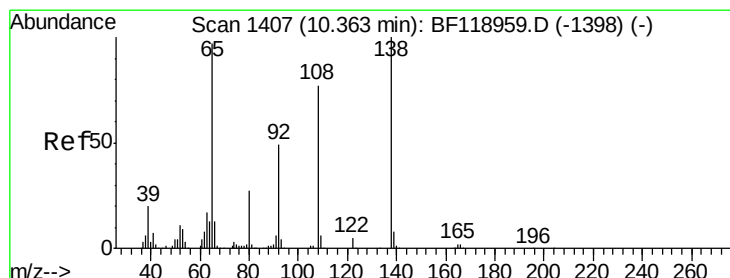
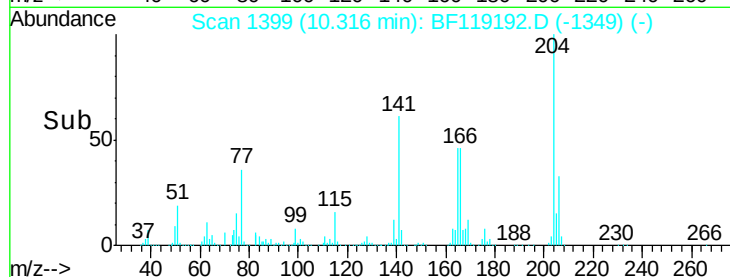
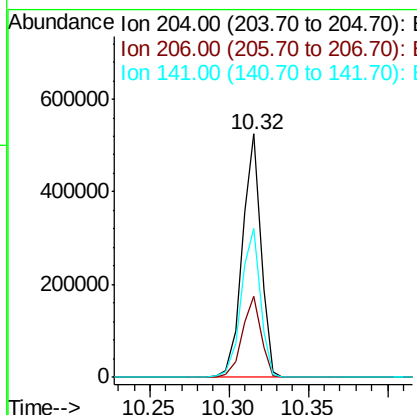
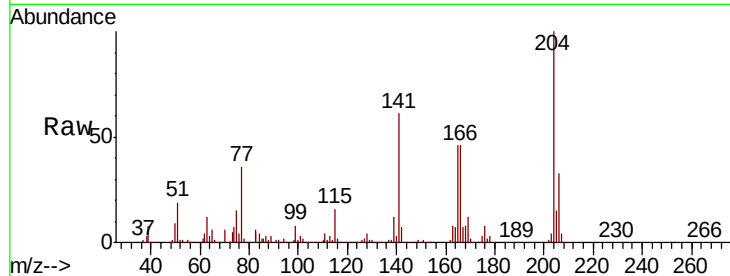




#61
 4-Chlorophenyl-phenylether
 Concen: 44.135 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

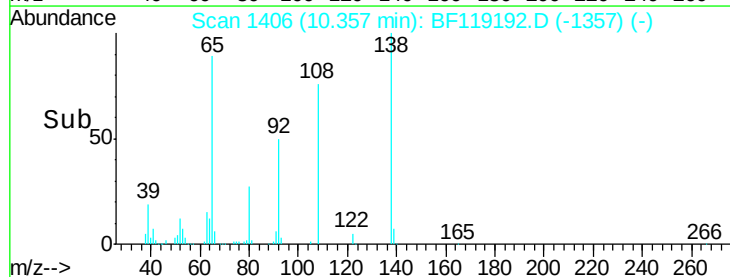
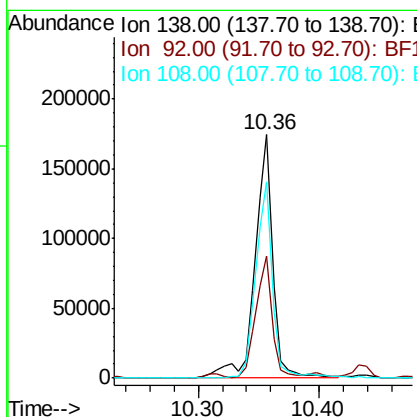
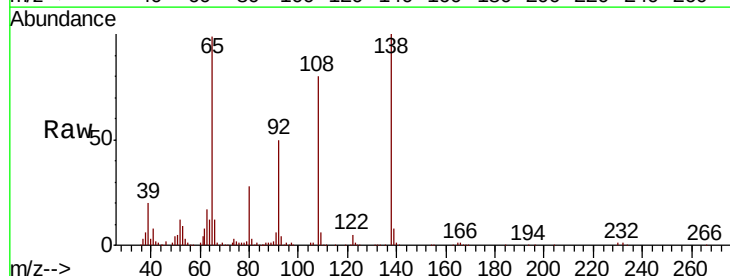
Instrument :
 BNA_F
 ClientSampleId :

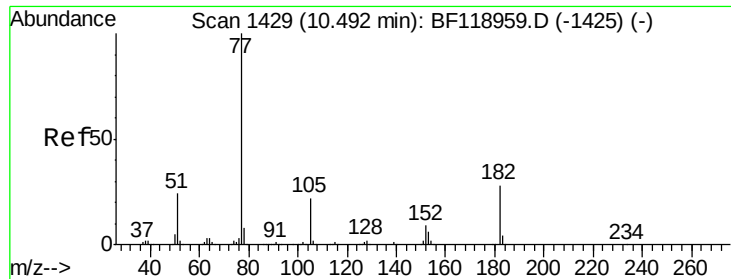
Tot Ion:	204	Resp:	426727
Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	61.1	52.9	79.3



#62
 4-Nitroaniline
 Concen: 33.801 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:	138	Resp:	180850
Ion	Ratio	Lower	Upper
138	100		
92	50.1	27.3	67.3
108	80.5	57.0	97.0





#63

Azobenzene

Concen: 45.023 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 783041

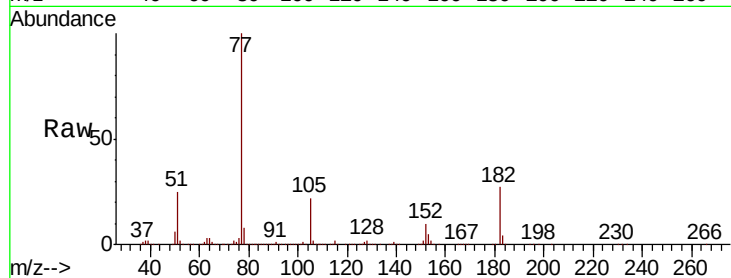
Ion Ratio Lower Upper

77 100

182 26.5 11.4 51.4

105 21.6 3.4 43.4

51 24.8 5.1 45.1

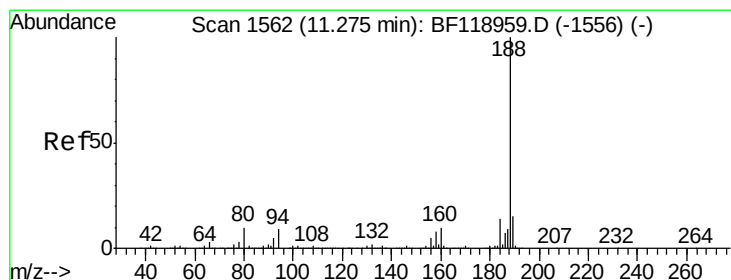
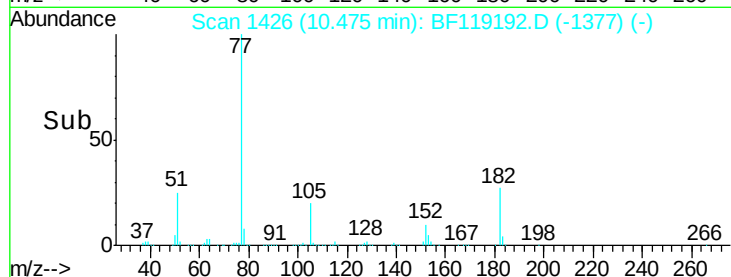
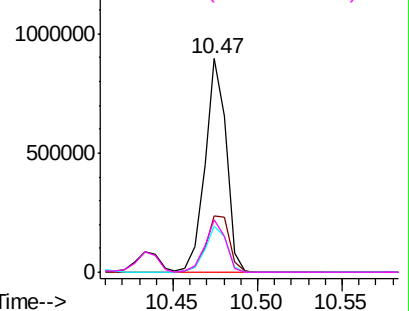


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF119192.D

Acq: 4 Mar 2020 13:56

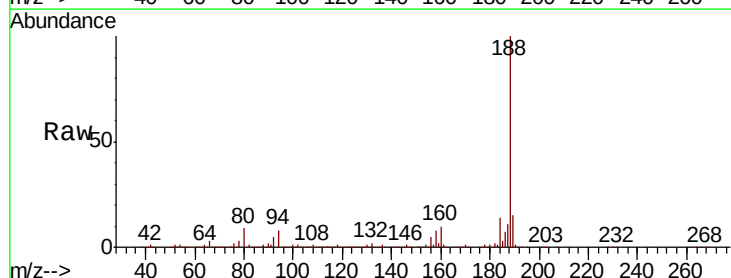
Tgt Ion: 188 Resp: 469951

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

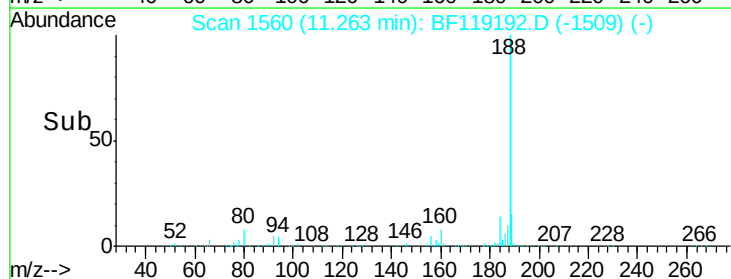
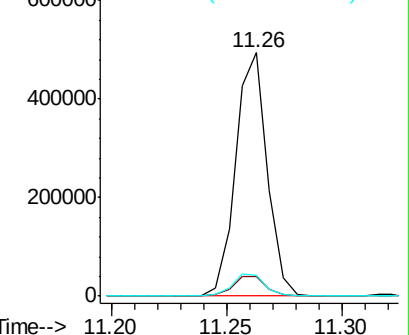
80 8.7 7.8 11.8

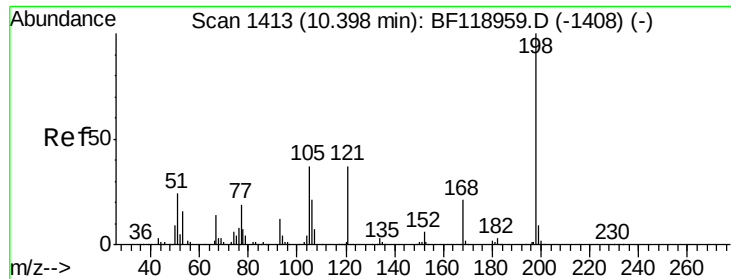


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 45.724 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

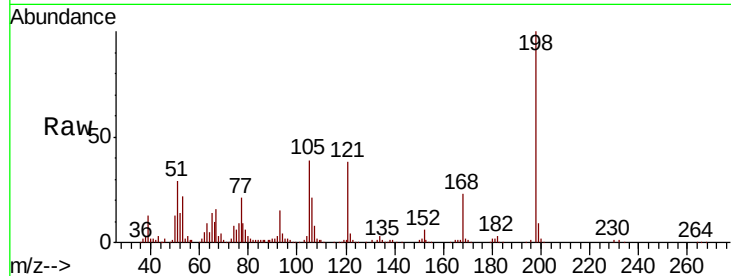
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 130026

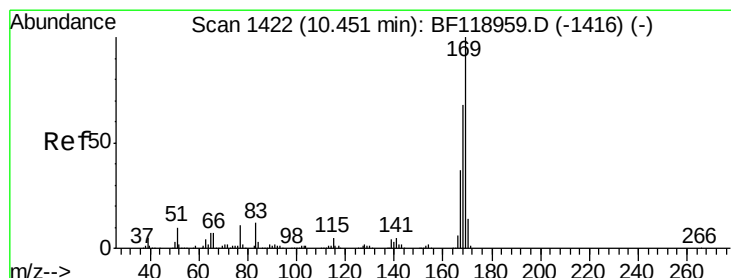
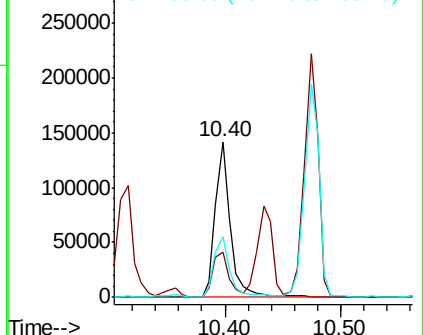
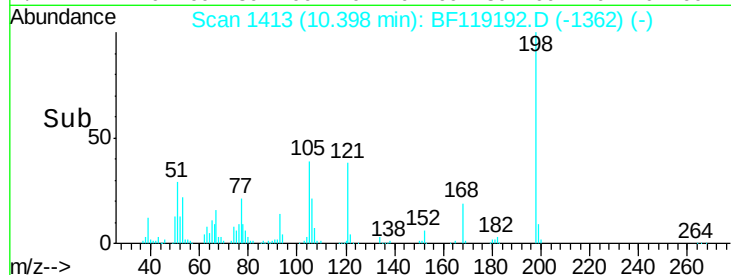
Ion	Ratio	Lower	Upper
198	100		
51	29.0	14.2	54.2
105	38.8	22.7	62.7



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: 48.154 ng

RT: 10.44 min Scan# 1420

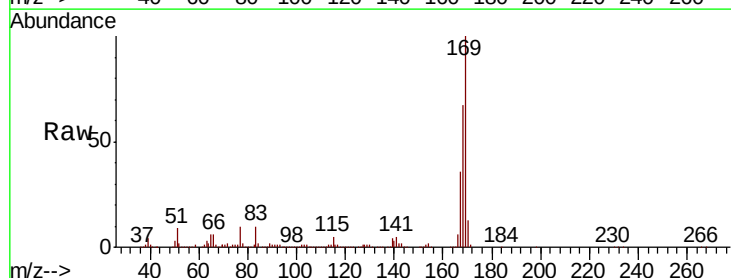
Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Tgt Ion:169 Resp: 740983

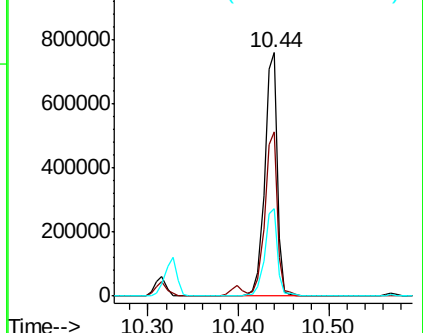
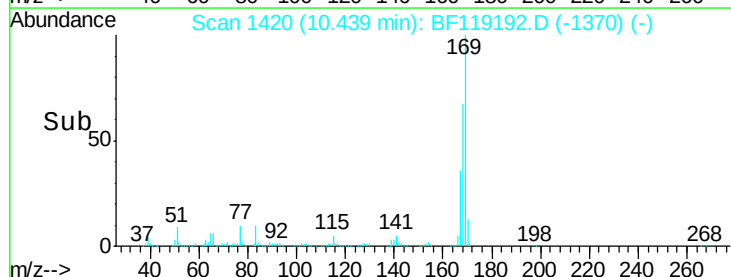
Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.1	81.1
167	36.2	29.4	44.0

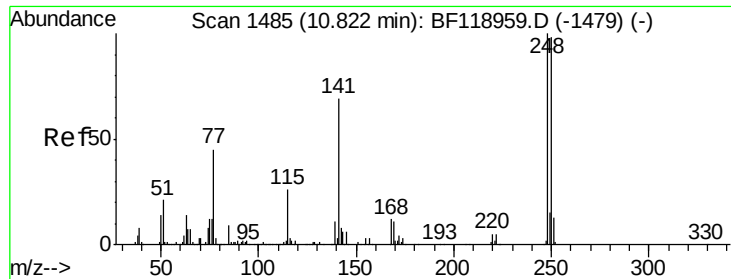


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

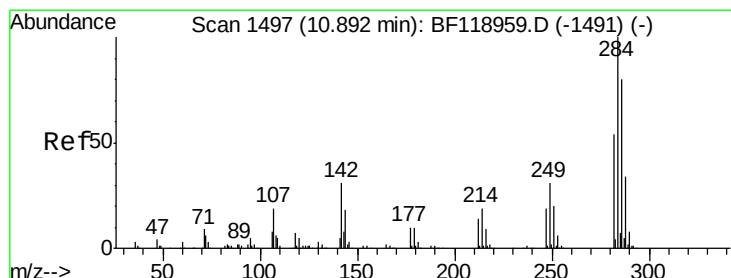
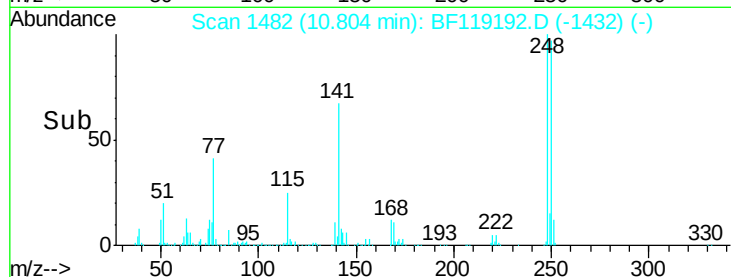
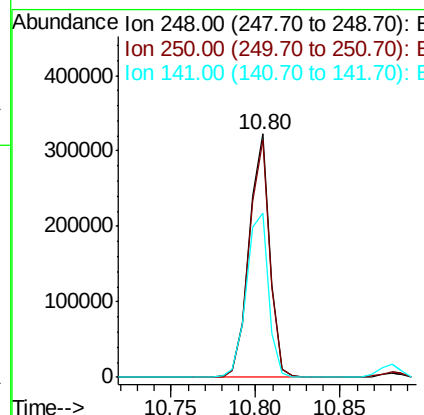
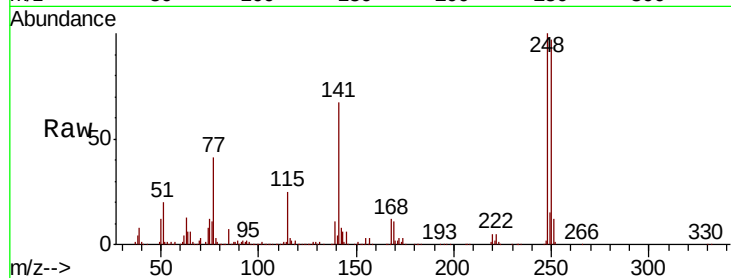




#67
4-Bromophenyl-phenylether
Concen: 45.029 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

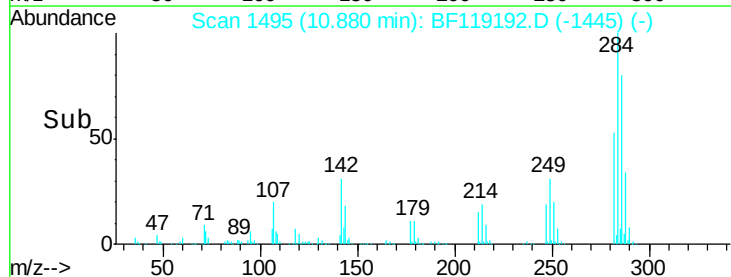
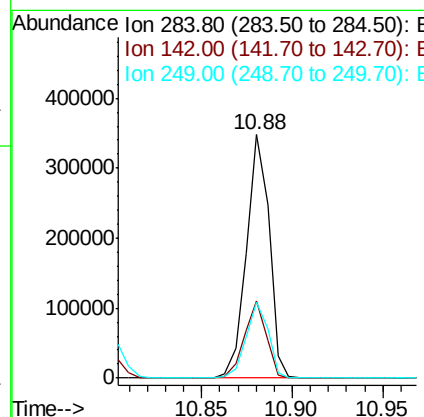
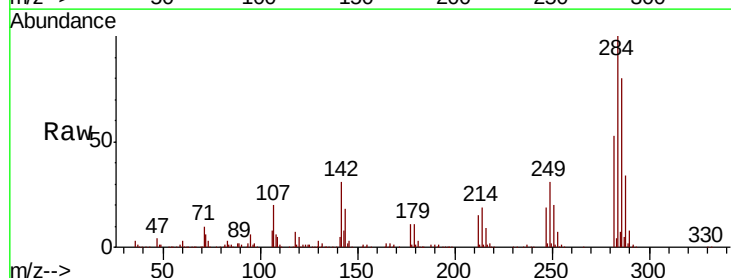
Instrument :
BNA_F
ClientSampleId :

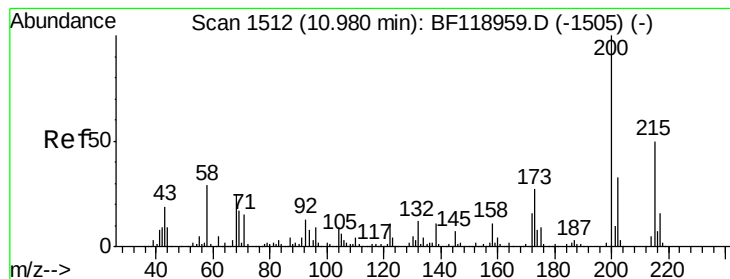
Tot Ion:248 Resp: 276604
Ion Ratio Lower Upper
248 100
250 97.4 76.7 115.1
141 67.3 60.7 91.1



#68
Hexachlorobenzene
Concen: 42.797 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:284 Resp: 303103
Ion Ratio Lower Upper
284 100
142 31.5 23.7 35.5
249 31.2 25.0 37.6





#69

Atrazine

Concen: 44.740 ng

RT: 10.97 min Scan# 1510

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

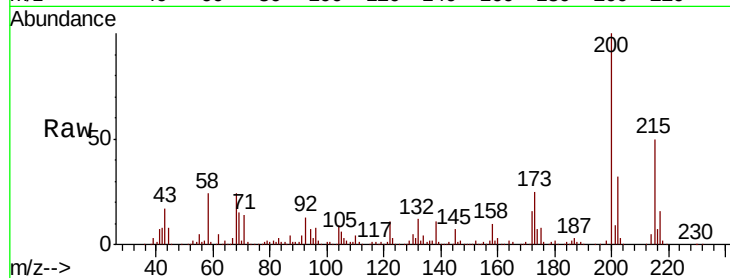
Tot Ion:200 Resp: 240541

Ion Ratio Lower Upper

200 100

173 25.3 6.4 46.4

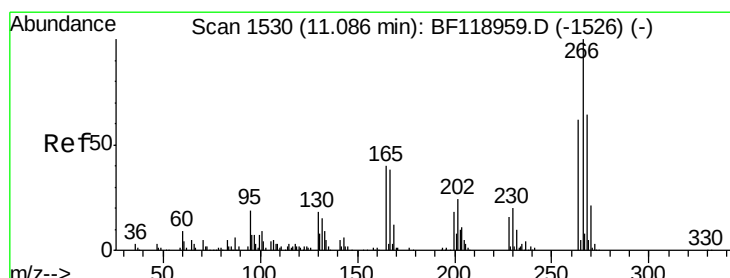
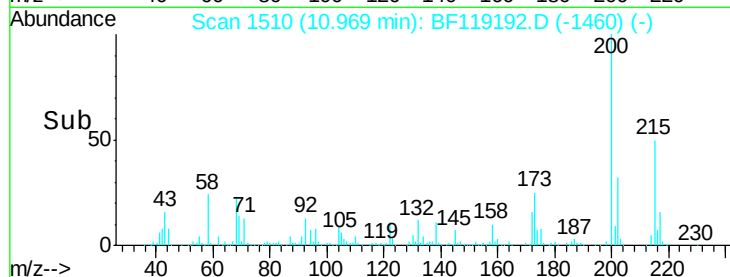
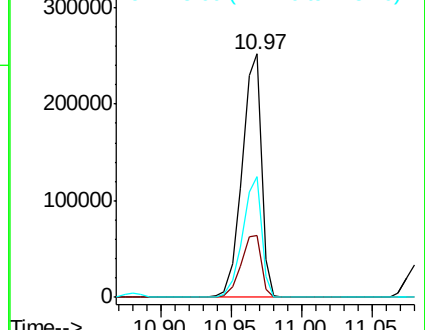
215 49.7 27.4 67.4



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: 75.340 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

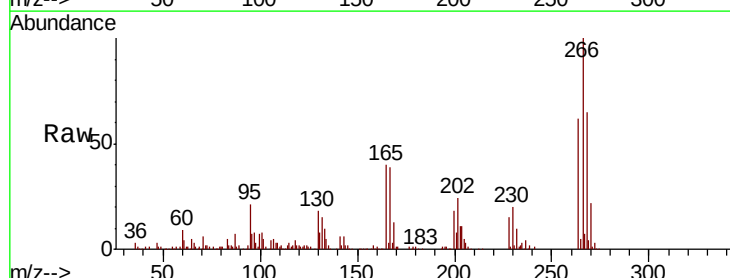
Tgt Ion:266 Resp: 214941

Ion Ratio Lower Upper

266 100

268 64.9 51.9 77.9

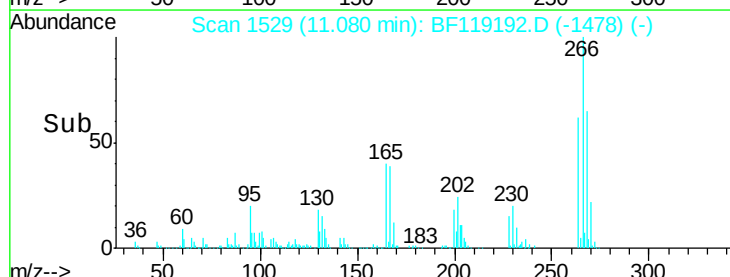
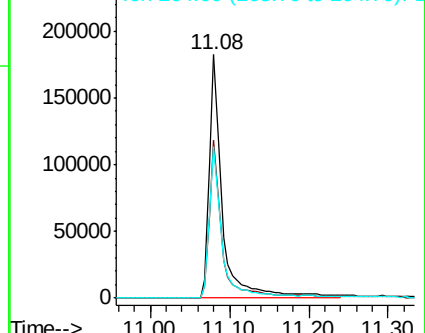
264 62.3 51.0 76.4

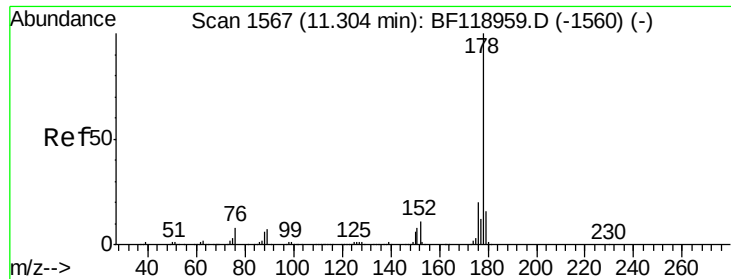


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

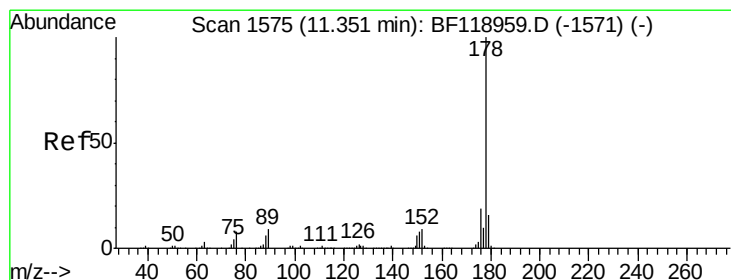
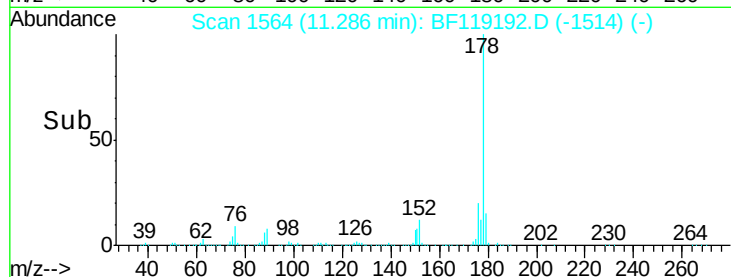
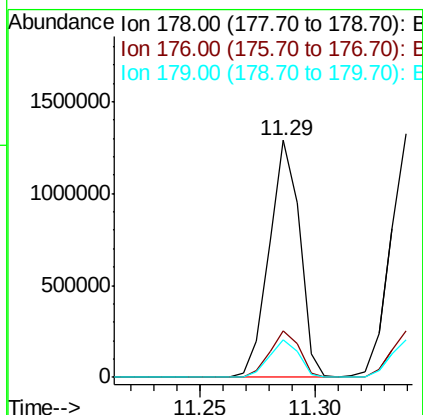
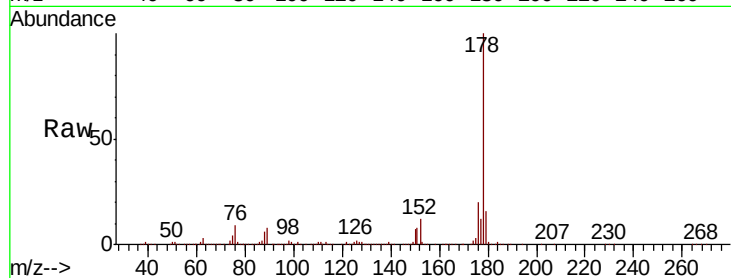




#71
Phenanthrene
Concen: 46.186 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

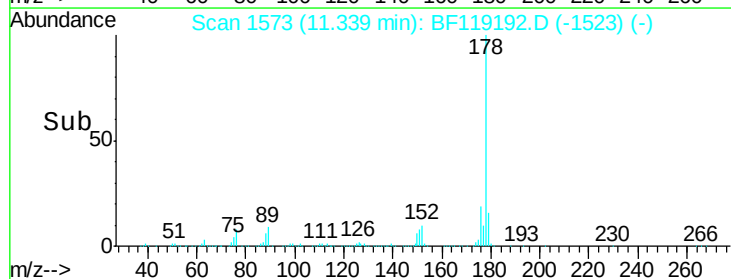
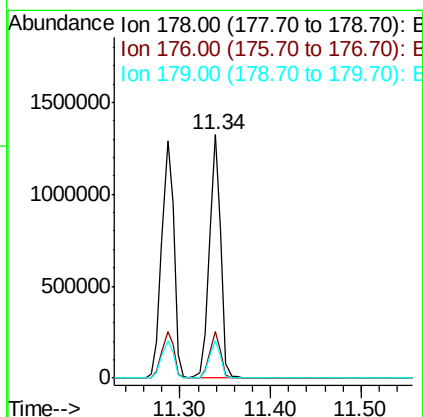
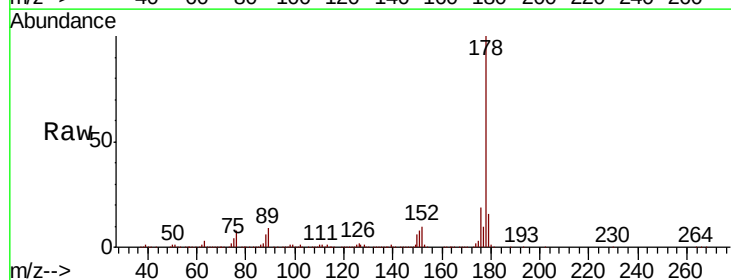
Instrument :
BNA_F
ClientSampleId :

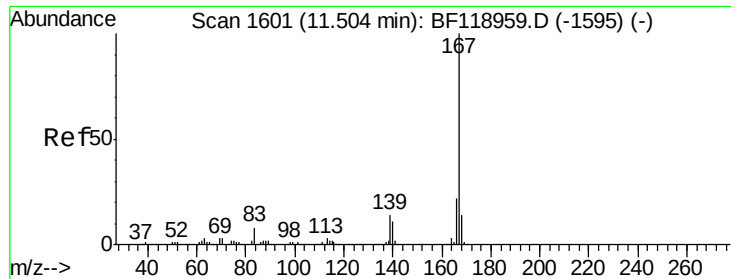
Tot Ion:178 Resp: 1183703
Ion Ratio Lower Upper
178 100
176 19.8 16.5 24.7
179 15.9 13.0 19.6



#72
Anthracene
Concen: 46.082 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:178 Resp: 1180045
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 15.6 13.1 19.7

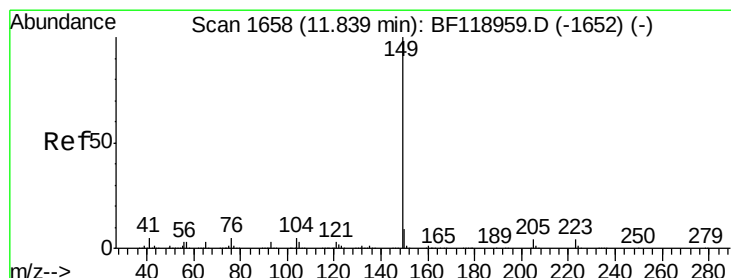
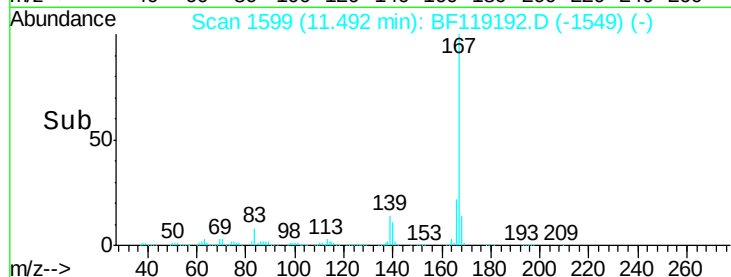
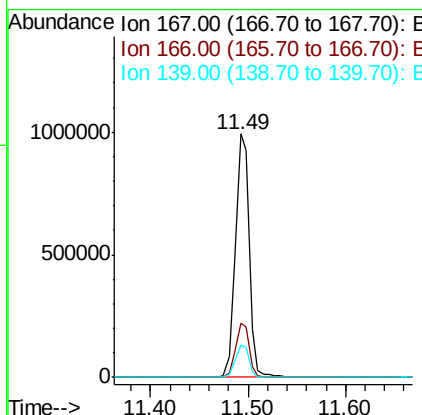
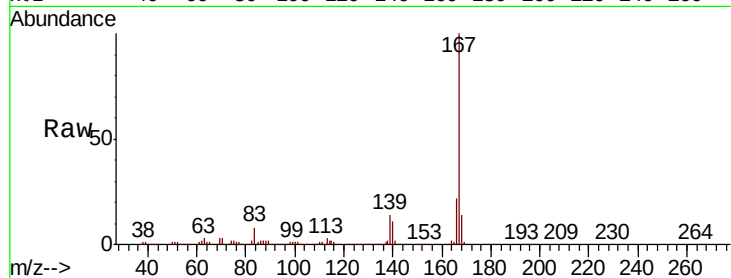




#73
 Carbazole
 Concen: 42.563 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

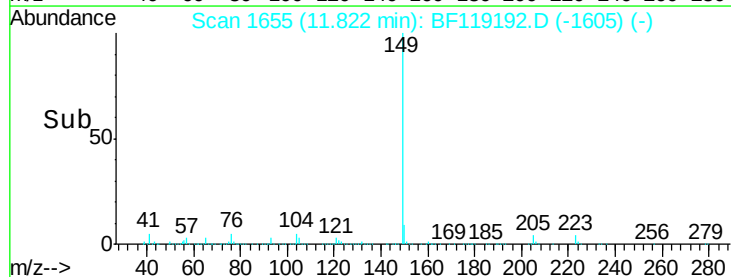
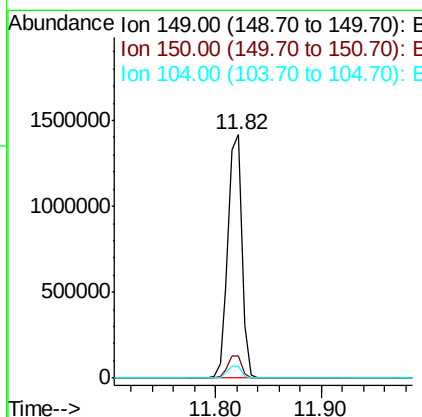
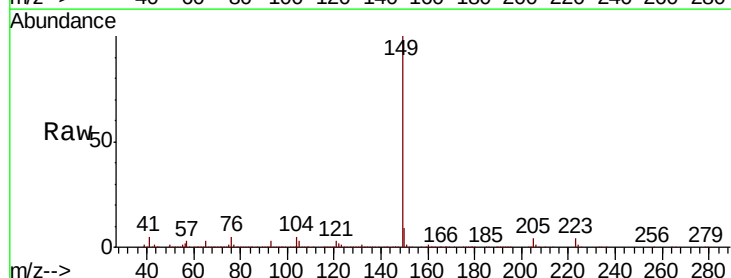
Instrument :
 BNA_F
 ClientSampleId :

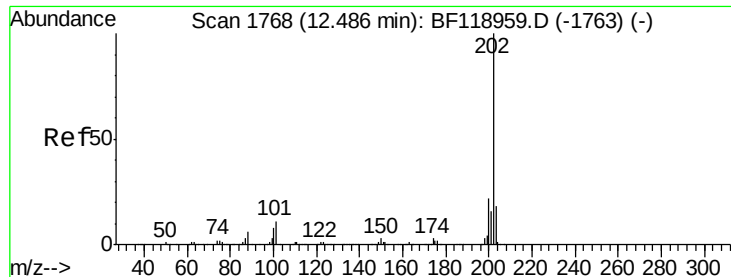
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.4
139	13.6	11.7	17.5



#74
 Di-n-butylphthalate
 Concen: 47.375 ng
 RT: 11.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	4.9	4.6	6.8





#75

Fluoranthene

Concen: 42.354 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

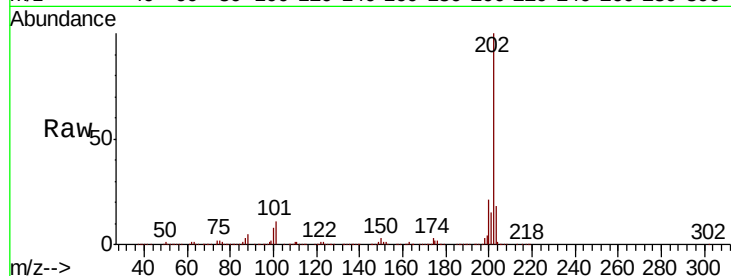
Tot Ion:202 Resp: 1152222

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.3

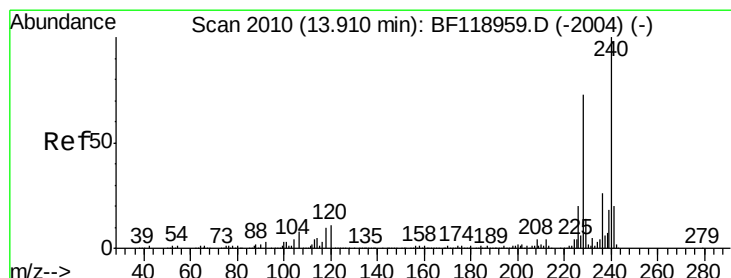
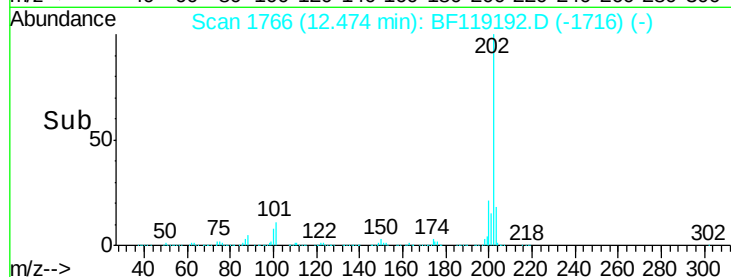
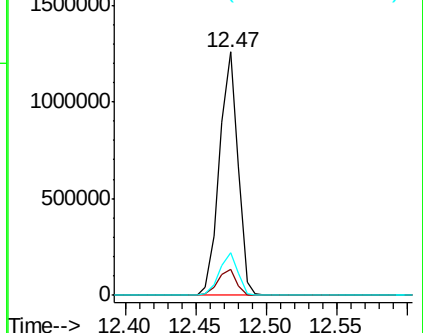
203 17.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

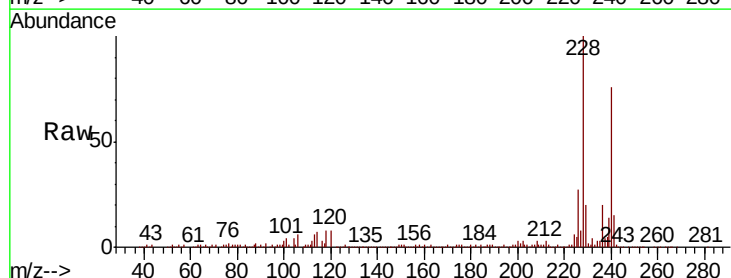
Tgt Ion:240 Resp: 252992

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

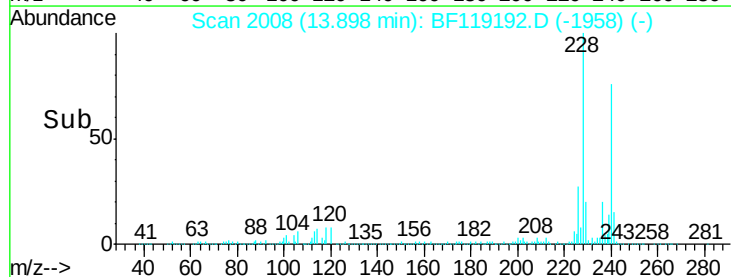
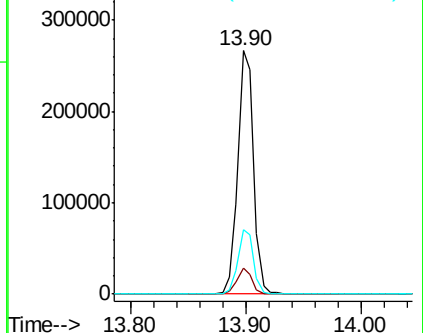
236 26.4 21.0 31.4

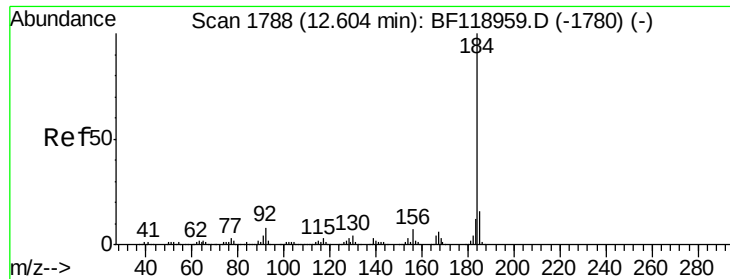


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

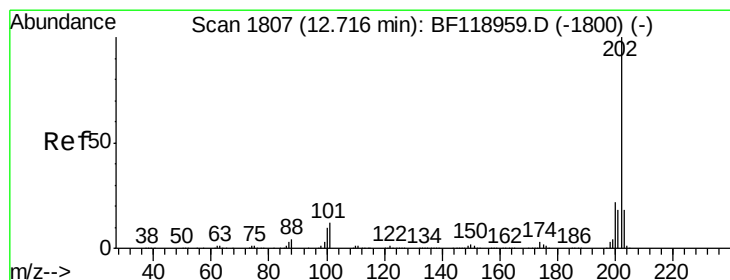
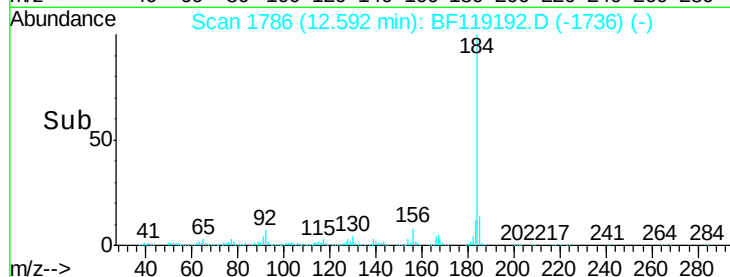
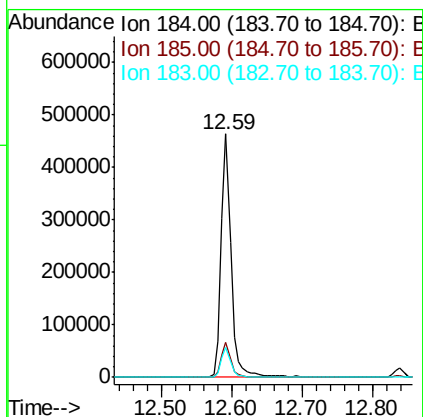
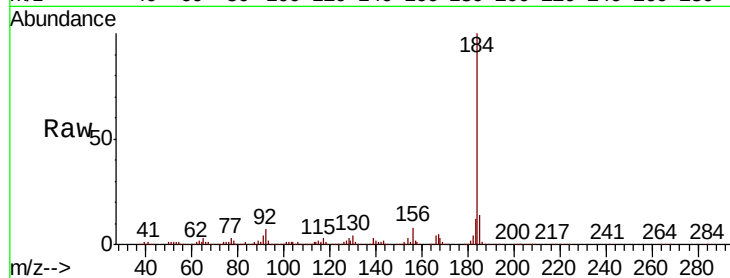




#77
Benzidine
Concen: 44.321 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

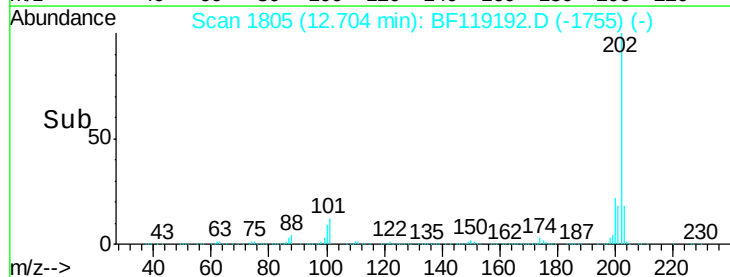
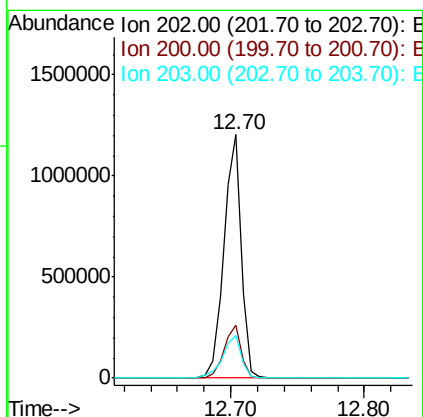
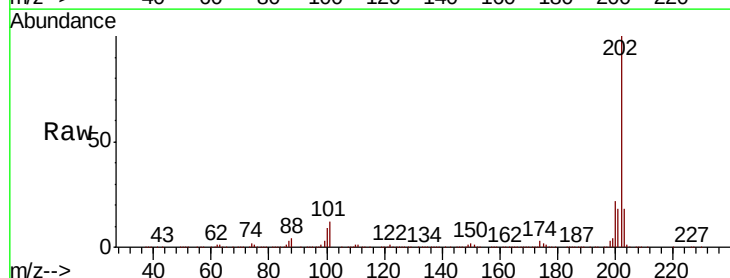
Instrument :
BNA_F
ClientSampleId :

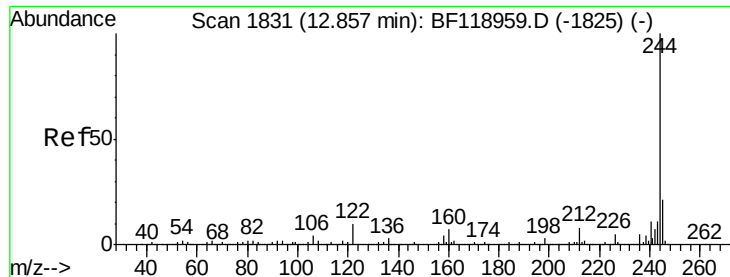
Tot Ion:184 Resp: 456019
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 12.2 9.9 14.9



#78
Pyrene
Concen: 54.452 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:202 Resp: 1106181
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 17.6 14.6 22.0

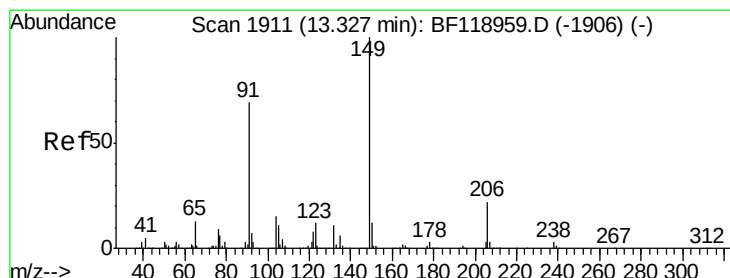
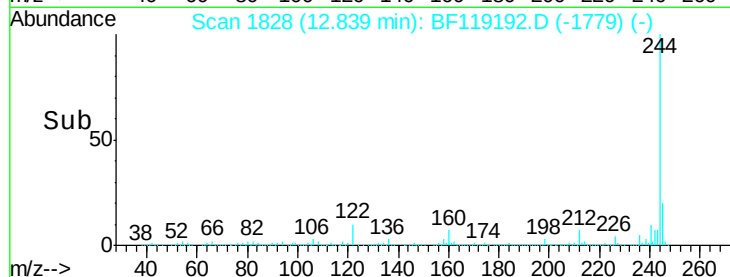
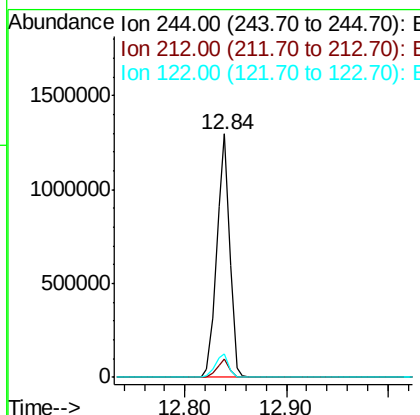
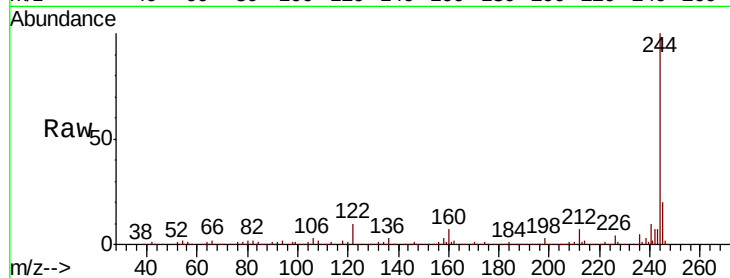




#79
 Terphenyl-d14
 Concen: 77.708 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

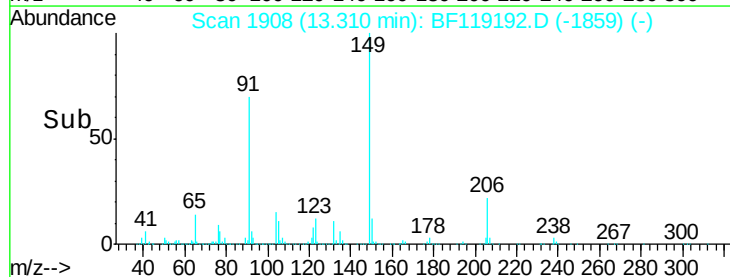
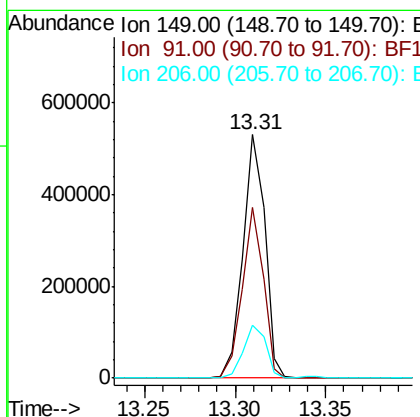
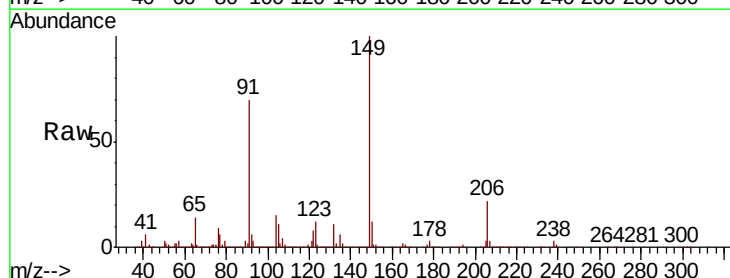
Instrument :
 BNA_F
 ClientSampleId :

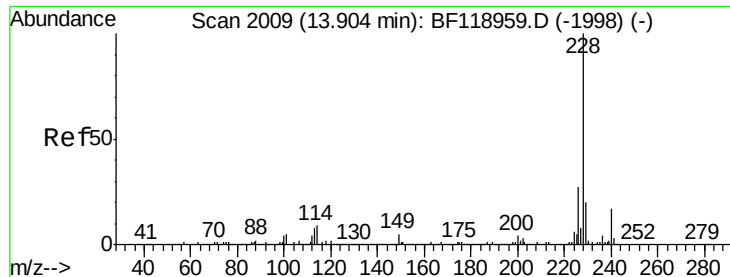
Tot Ion:244 Resp: 1141885
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.6 10.0
 122 9.5 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 52.340 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF119192.D
 Acq: 4 Mar 2020 13:56

Tgt Ion:149 Resp: 447508
 Ion Ratio Lower Upper
 149 100
 91 70.0 52.3 78.5
 206 21.7 18.5 27.7





#81

Benzo(a)anthracene

Concen: 47.965 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampled :

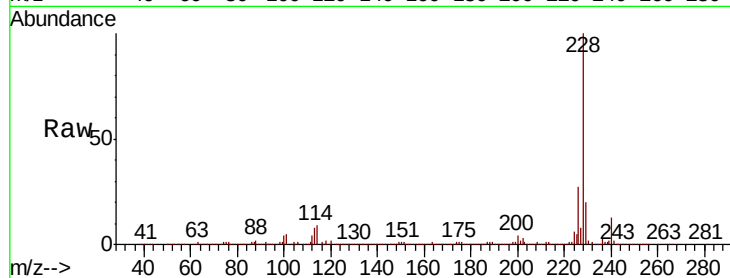
Tot Ion:228 Resp: 826829

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

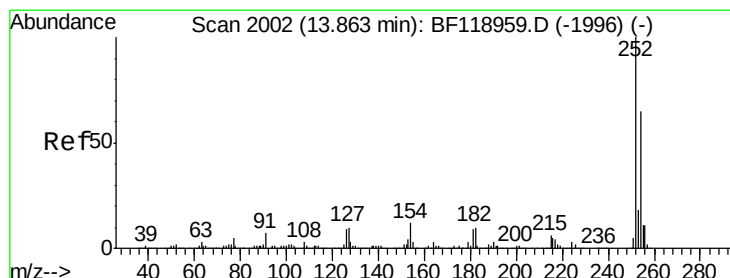
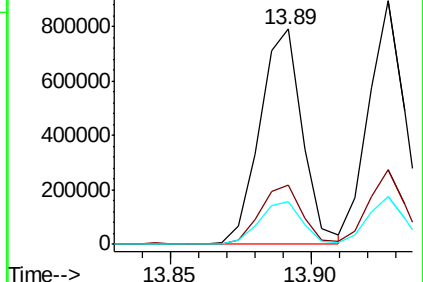
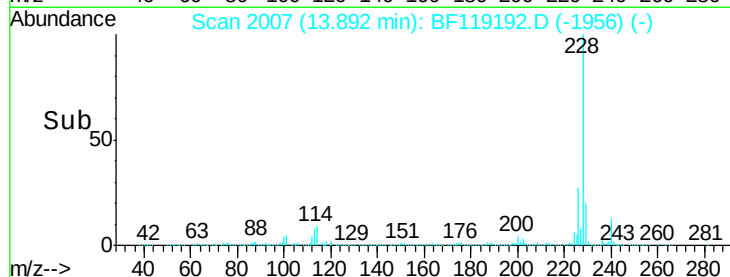
229 19.7 16.6 24.8



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: 34.521 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

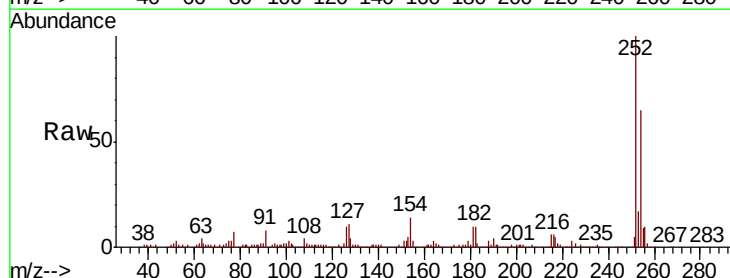
Tgt Ion:252 Resp: 231069

Ion Ratio Lower Upper

252 100

254 64.8 51.6 77.4

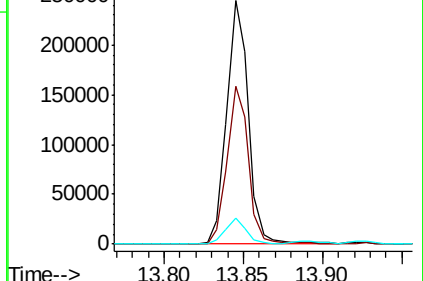
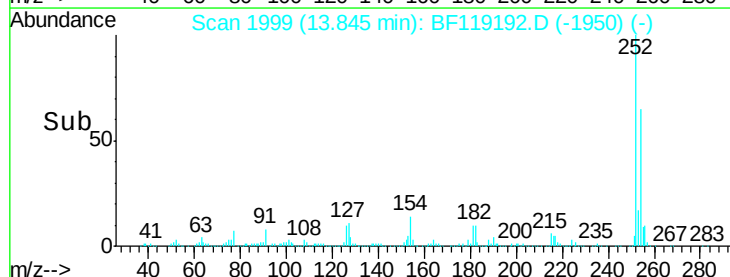
126 10.4 7.4 11.0

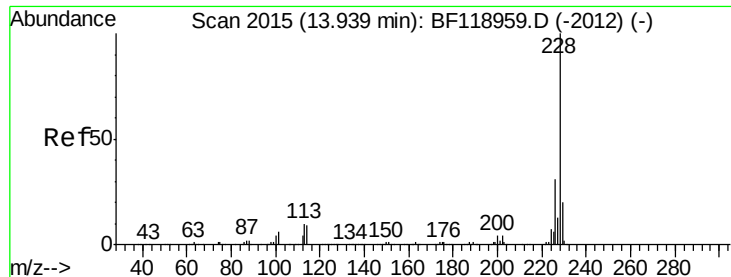


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.560 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampled :

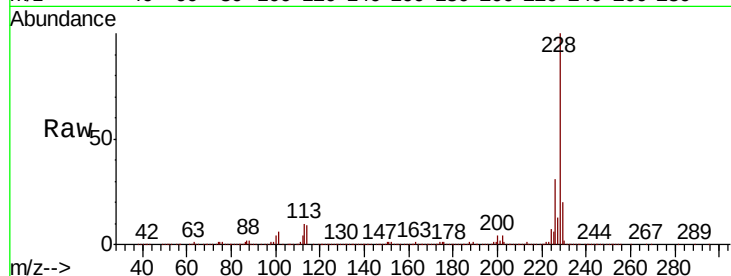
Tot Ion:228 Resp: 782541

Ion Ratio Lower Upper

228 100

226 30.5 25.1 37.7

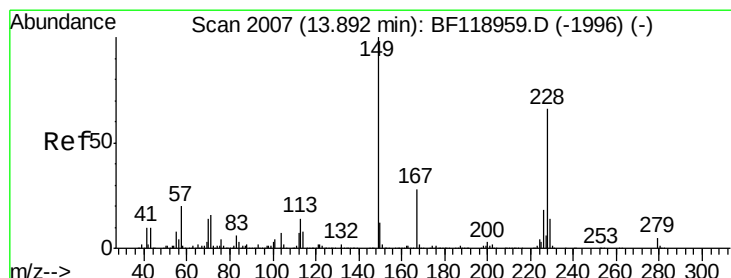
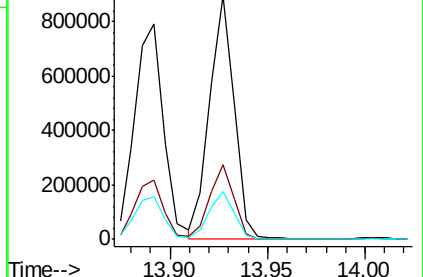
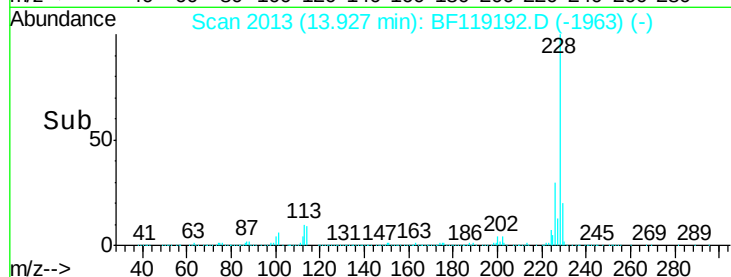
229 19.8 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.188 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

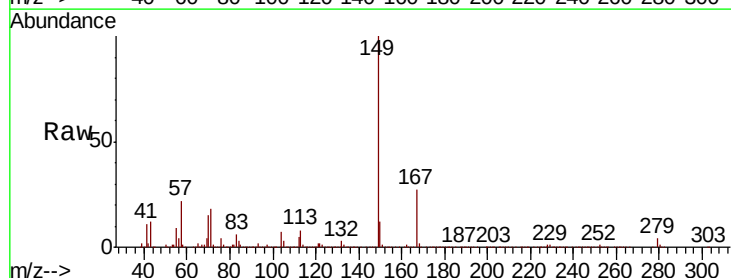
Tgt Ion:149 Resp: 606921

Ion Ratio Lower Upper

149 100

167 27.5 22.8 34.2

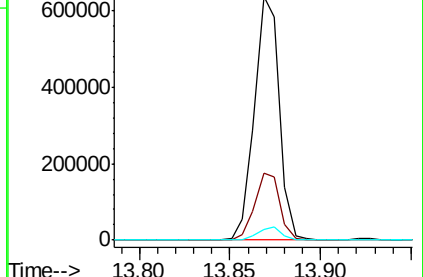
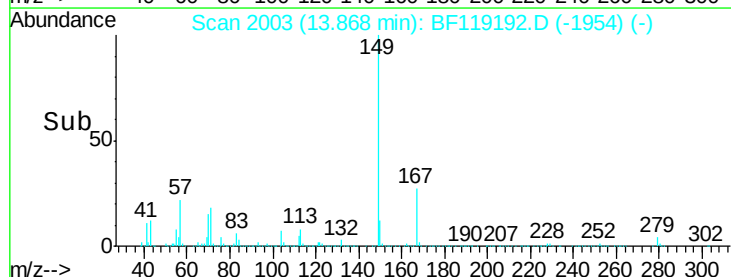
279 4.4 4.6 6.8#

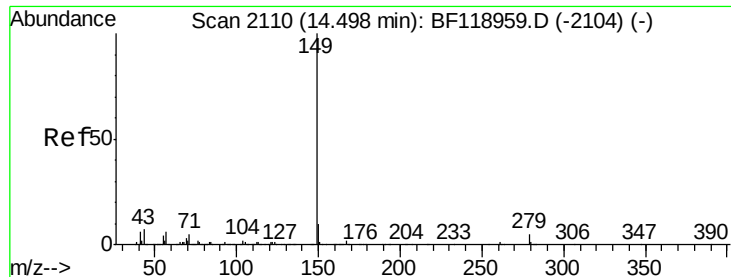


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.472 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampled :

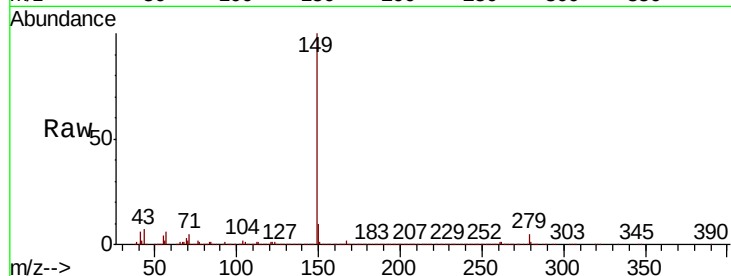
Tot Ion:149 Resp: 920276

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

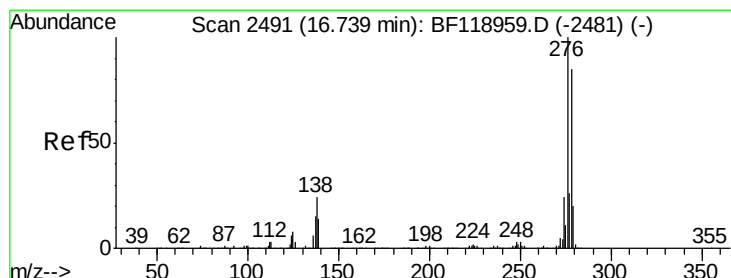
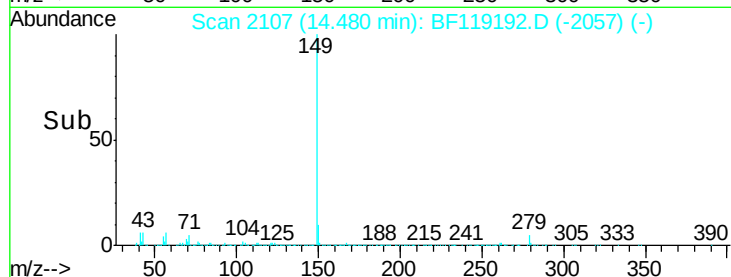
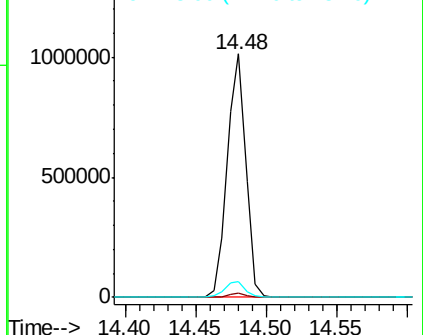
43 6.6 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.361 ng

RT: 16.76 min Scan# 2494

Delta R.T. 0.02 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

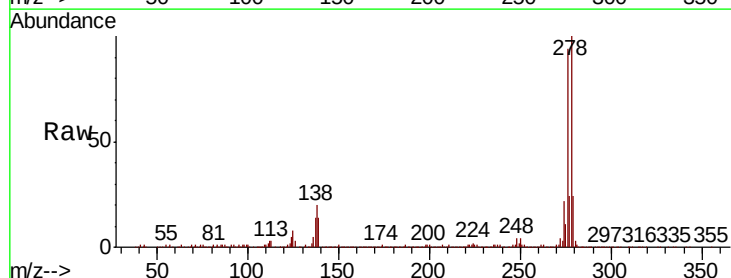
Tgt Ion:276 Resp: 987252

Ion Ratio Lower Upper

276 100

138 20.9 17.4 26.0

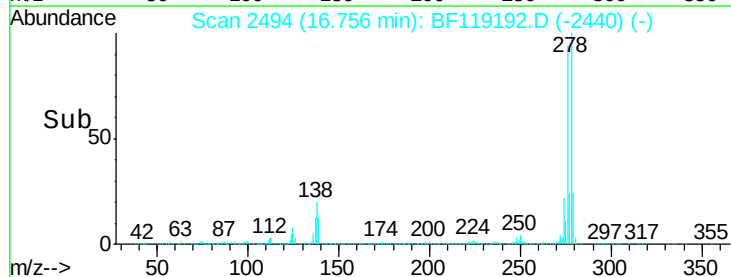
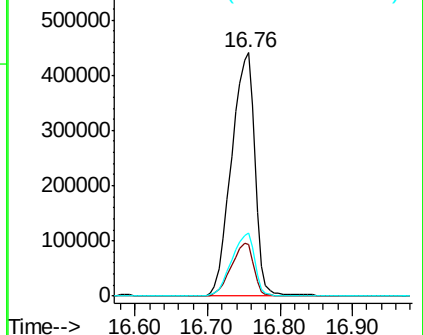
277 25.5 20.3 30.5

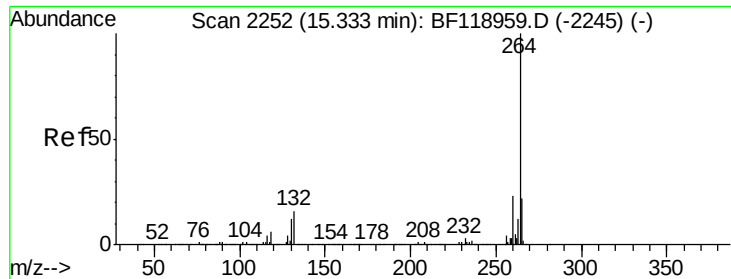


Abundance Ion 276.00 (275.70 to 276.70): E

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: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

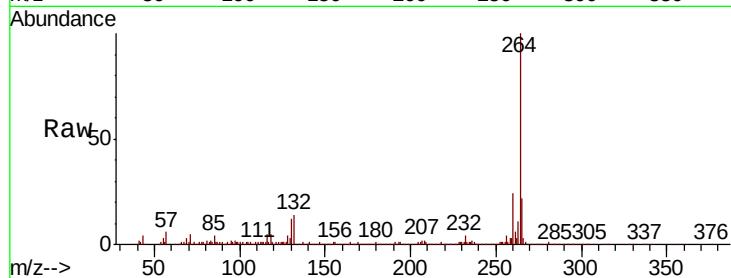
Tot Ion:264 Resp: 290783

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

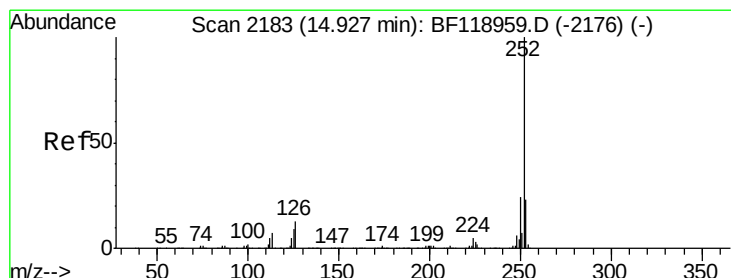
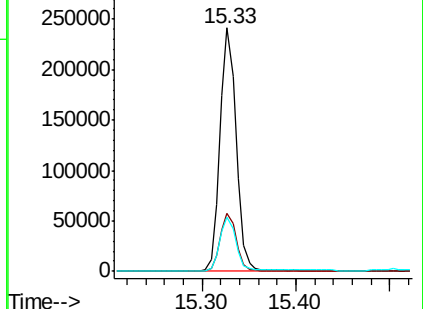
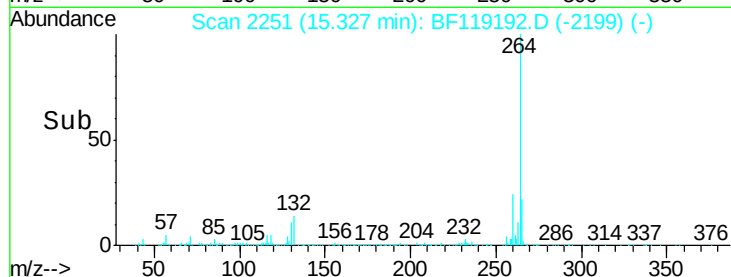
265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.572 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

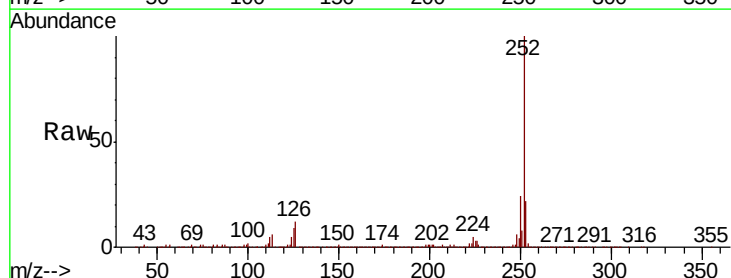
Tgt Ion:252 Resp: 911810

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

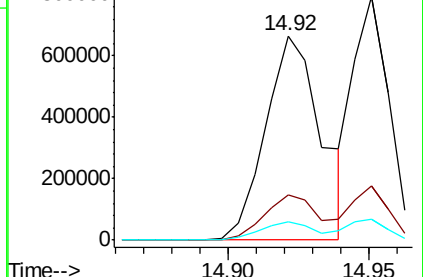
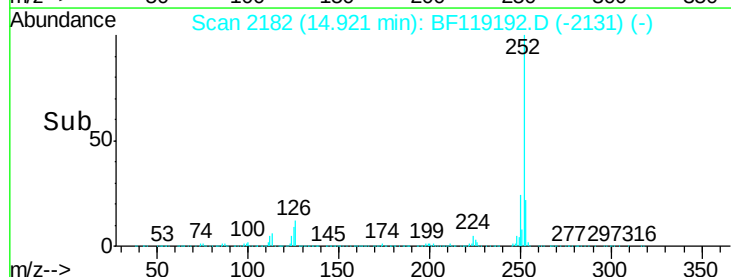
125 9.2 7.4 11.0

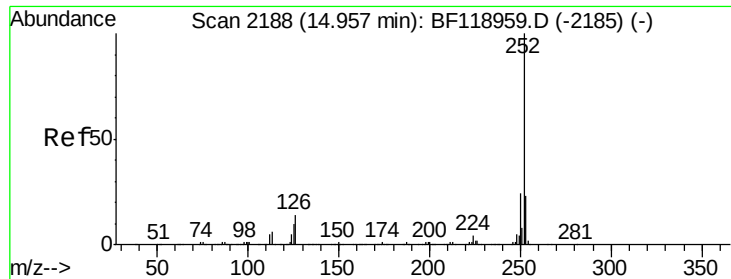


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.268 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

Instrument :

BNA_F

ClientSampleId :

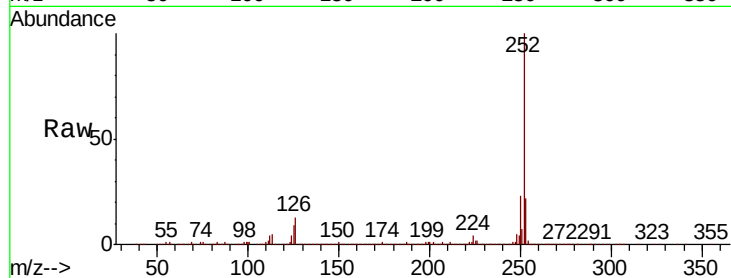
Tot Ion:252 Resp: 697482

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

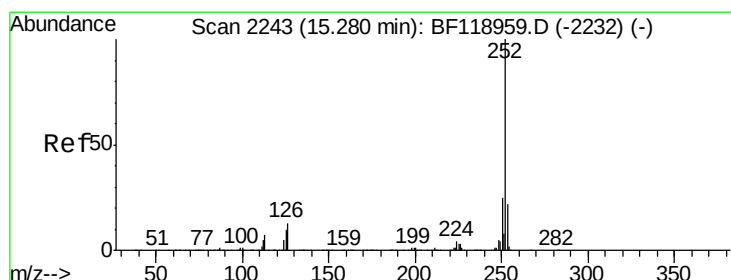
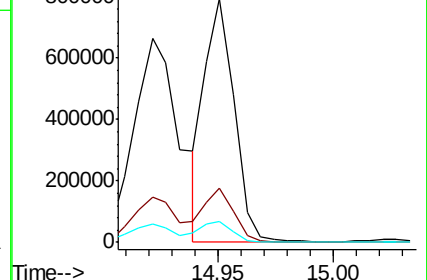
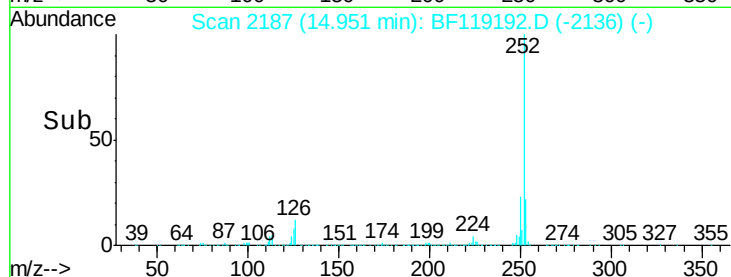
125 8.7 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.385 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF119192.D

Acq: 4 Mar 2020 13:56

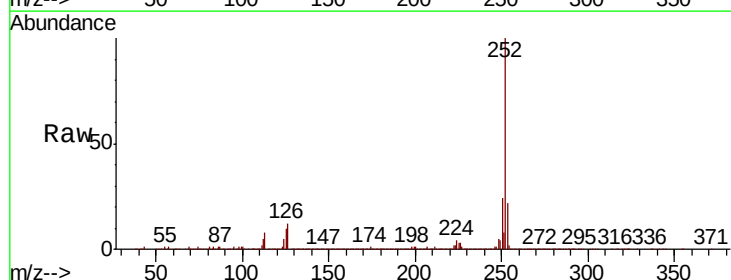
Tgt Ion:252 Resp: 767802

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

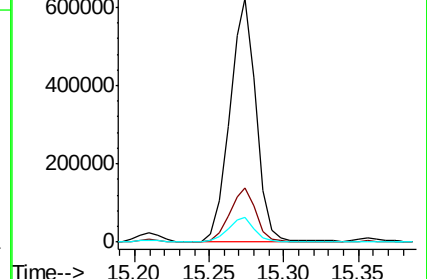
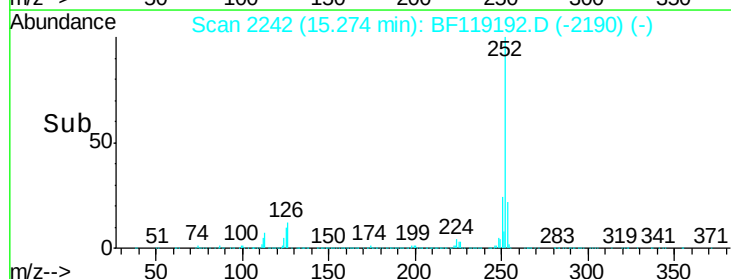
125 10.1 8.6 12.8

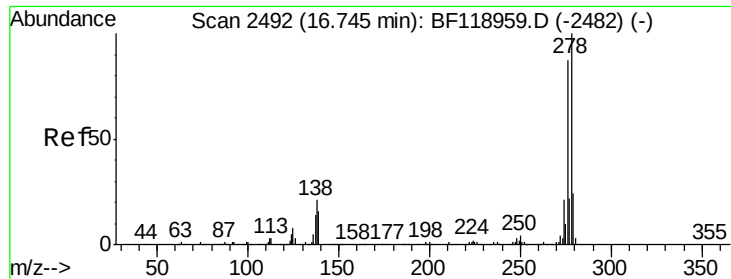


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

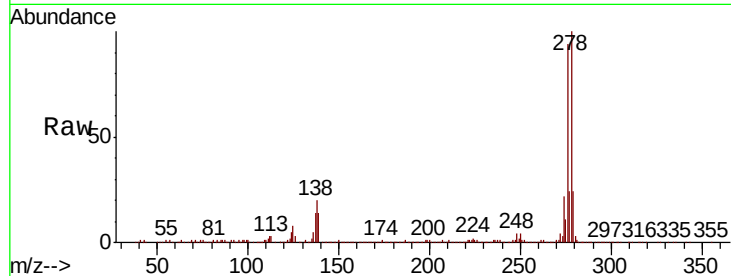




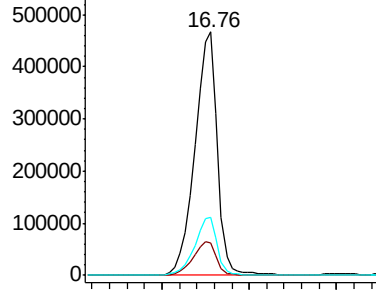
#91
Dibenzo(a,h)anthracene
Concen: 53.565 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Instrument :
BNA_F
ClientSampleId :

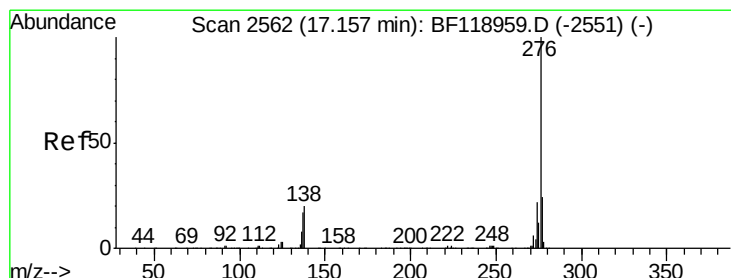
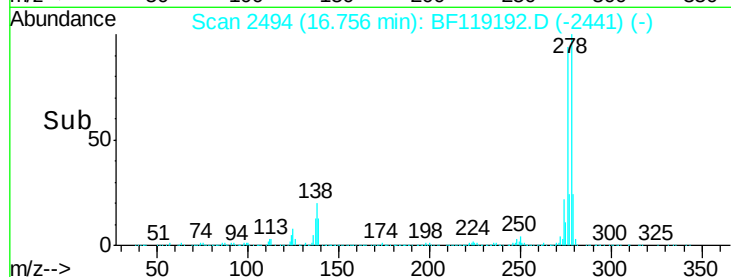
Tot Ion:278 Resp: 815303
Ion Ratio Lower Upper
278 100
139 13.6 11.0 16.4
279 23.8 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

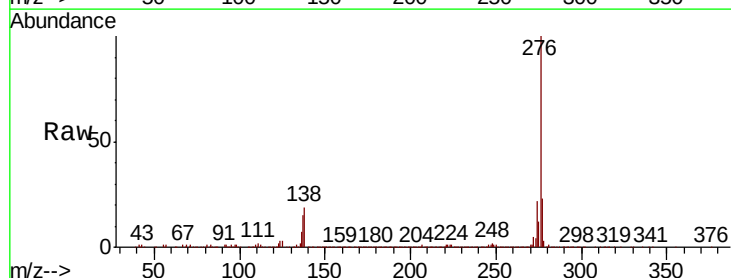


Time-->

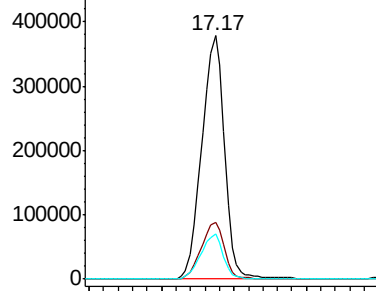


#92
Benzo(g,h,i)perylene
Concen: 54.700 ng
RT: 17.17 min Scan# 2565
Delta R.T. 0.02 min
Lab File: BF119192.D
Acq: 4 Mar 2020 13:56

Tgt Ion:276 Resp: 822629
Ion Ratio Lower Upper
276 100
277 23.4 18.7 28.1
138 18.7 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



Time-->

