

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
 Data File : BF118794.D
 Acq On : 3 Feb 2020 12:44
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 03 14:12:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 14:01:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	304500	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1103605	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	621994	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1167102	20.00	ng	0.00
76) Chrysene-d12	13.99	240	912104	20.00	ng	0.00
87) Perylene-d12	15.43	264	965349	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	1609889	98.19	ng	0.00
7) Phenol-d6	6.46	99	2006977	94.18	ng	0.00
23) Nitrobenzene-d5	7.39	82	1864203	94.48	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	753743	104.77	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3427469	90.57	ng	0.00
79) Terphenyl-d14	12.93	244	4180368	99.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	374355	47.142	ng	100
3) Pyridine	3.29	79	1033967	46.197	ng	99
4) n-Nitrosodimethylamine	3.24	42	382288	39.840	ng	97
6) Aniline	6.48	93	1313979	46.828	ng	99
8) 2-Chlorophenol	6.60	128	910657	49.486	ng	98
9) Benzaldehyde	6.36	77	508055	39.203	ng	100
10) Phenol	6.47	94	1113981	45.872	ng	89
11) bis(2-Chloroethyl)ether	6.56	93	863565	47.929	ng	99
12) 1,3-Dichlorobenzene	6.76	146	1077152	50.009	ng	97
13) 1,4-Dichlorobenzene	6.83	146	1072122	49.586	ng	99
14) 1,2-Dichlorobenzene	6.99	146	982980	48.362	ng	98
15) Benzyl Alcohol	6.96	79	784647	46.432	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	1044928	41.636	ng	99
17) 2-Methylphenol	7.07	107	749919	48.923	ng	99
18) Hexachloroethane	7.33	117	388220	49.517	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	610092	42.401	ng	99
20) 3+4-Methylphenols	7.23	107	858789	45.888	ng	95
22) Acetophenone	7.23	105	1203113	46.020	ng	98
24) Nitrobenzene	7.40	77	935500	46.306	ng	95
25) Isophorone	7.65	82	1670549	46.420	ng	98
26) 2-Nitrophenol	7.72	139	511904	59.418	ng	99
27) 2,4-Dimethylphenol	7.76	122	682682	45.889	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	1092587	47.118	ng	98
29) 2,4-Dichlorophenol	7.96	162	817823	49.729	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	944347	49.524	ng	100
31) Naphthalene	8.13	128	2527754	50.703	ng	99
32) Benzoic acid	7.89	122	619328	55.470	ng	98
33) 4-Chloroaniline	8.17	127	1131341	49.098	ng	98
34) Hexachlorobutadiene	8.25	225	583227	50.225	ng	99
35) Caprolactam	8.56	113	259918	48.295	ng	92
36) 4-Chloro-3-methylphenol	8.66	107	817178	50.318	ng	99
37) 2-Methylnaphthalene	8.82	142	1743621	49.549	ng	98
38) 1-Methylnaphthalene	8.92	142	1656045	49.535	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	942107	48.408	ng	100

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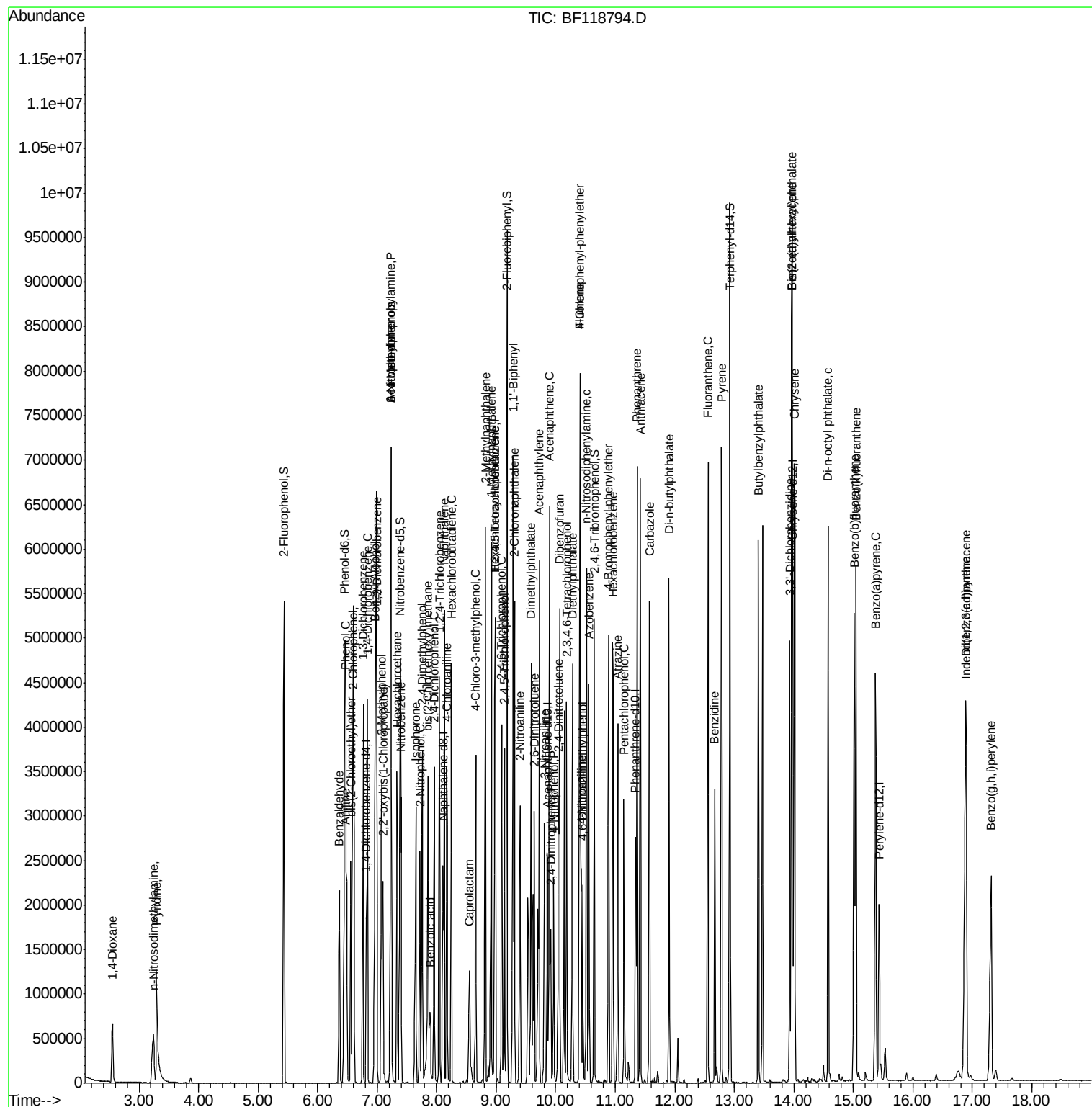
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	399603	40.696	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	641187	49.649	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	649623	49.253	nq	96
46) 1,1'-Biphenyl	9.28	154	2148476	50.119	nq	99
47) 2-Chloronaphthalene	9.30	162	1808529	50.053	nq	100
48) 2-Nitroaniline	9.40	65	529060	47.633	nq	92
49) Acenaphthylene	9.72	152	2592561	51.004	nq	98
50) Dimethylphthalate	9.59	163	2099313	51.804	nq	100
51) 2,6-Dinitrotoluene	9.65	165	494697	54.516	nq	91
52) Acenaphthene	9.89	154	1713147	50.403	nq	100
53) 3-Nitroaniline	9.81	138	554159	53.481	nq	95
54) 2,4-Dinitrophenol	9.92	184	254807	70.336	nq	93
55) Dibenzofuran	10.06	168	2369705	50.309	nq	99
56) 4-Nitrophenol	9.97	139	405315	51.816	nq	96
57) 2,4-Dinitrotoluene	10.05	165	656973	57.430	nq	# 89
58) Fluorene	10.41	166	1752182	47.385	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	586605	50.565	nq	99
60) Diethylphthalate	10.28	149	2070877	52.707	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	954228	47.447	nq	97
62) 4-Nitroaniline	10.43	138	549891	51.737	nq	99
63) Azobenzene	10.56	77	1754007	46.095	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	349228	68.049	nq	94
66) n-Nitrosodiphenylamine	10.52	169	1704295	48.422	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	693867	48.121	nq	99
68) Hexachlorobenzene	10.96	284	803128	49.128	nq	# 93
69) Atrazine	11.05	200	541267	44.368	nq	99
70) Pentachlorophenol	11.15	266	436377	48.012	nq	98
71) Phenanthrene	11.37	178	2769303	49.183	nq	99
72) Anthracene	11.42	178	2751385	49.384	nq	100
73) Carbazole	11.57	167	2537343	49.651	nq	100
74) Di-n-butylphthalate	11.90	149	3063384	53.955	nq	99
75) Fluoranthene	12.56	202	3039454	51.181	nq	98
77) Benzidine	12.67	184	1342629	55.092	nq	99
78) Pyrene	12.79	202	3034216	48.999	nq	98
80) Butylbenzylphthalate	13.40	149	1410155	55.643	nq	97
81) Benzo(a)anthracene	13.97	228	2710063	49.393	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	1129703	57.782	nq	99
83) Chrysene	14.01	228	2679307	50.952	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1753767	56.642	nq	99
85) Di-n-octyl phthalate	14.57	149	3046406	66.472	nq	99
86) Indeno(1,2,3-cd)pyrene	16.88	276	2684507	58.753	nq	100
88) Benzo(b)fluoranthene	15.02	252	2941056	48.469	nq	99
89) Benzo(k)fluoranthene	15.04	252	2697599	47.986	nq	98
90) Benzo(a)pyrene	15.37	252	2601995	49.710	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	2198440	47.481	nq	99
92) Benzo(g,h,i)perylene	17.32	276	2074748	46.151	nq	98

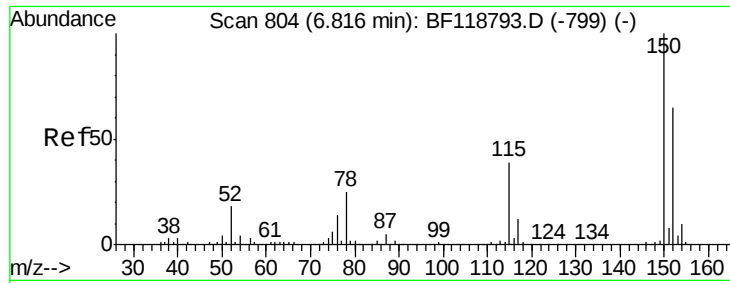
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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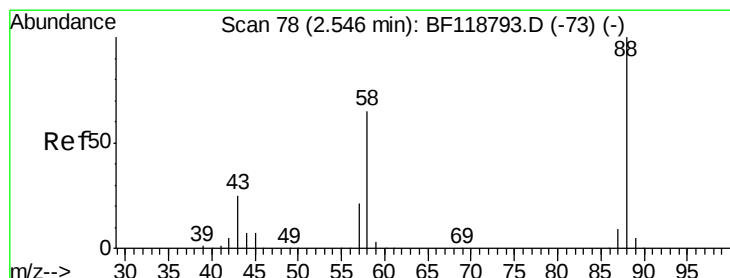
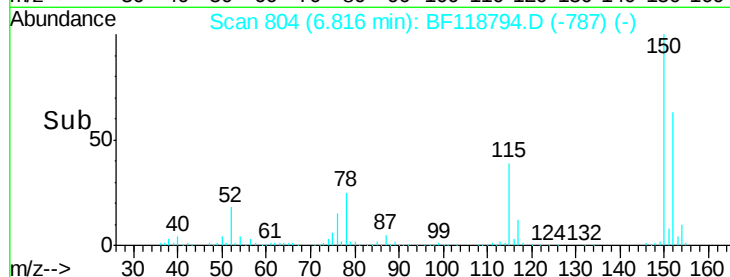
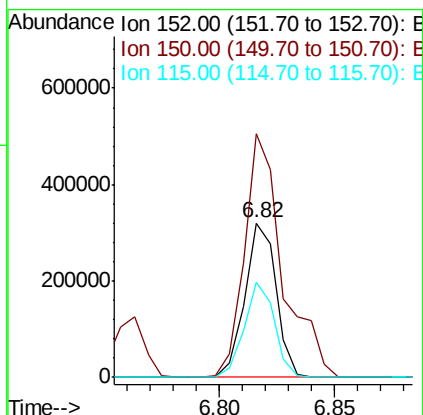
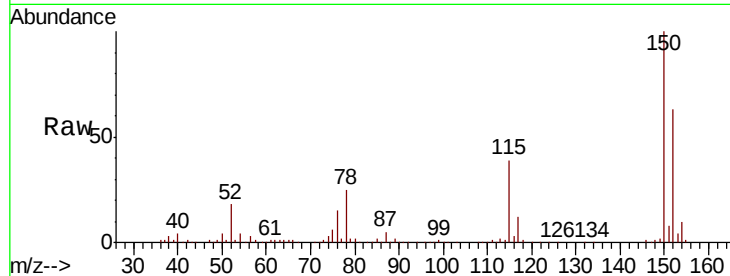


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

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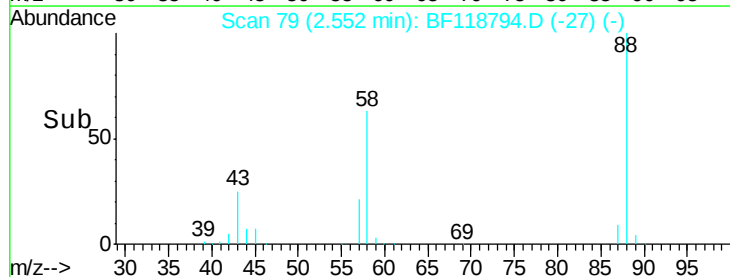
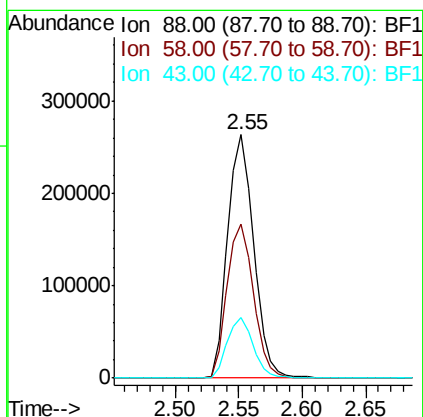
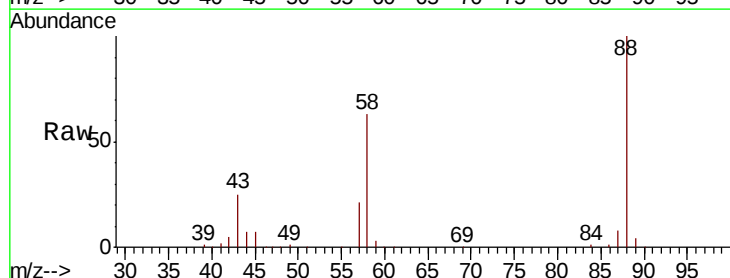
Tot Ion:152 Resp: 304500
Ion Ratio Lower Upper
152 100
150 157.6 123.6 185.4
115 61.2 48.2 72.2

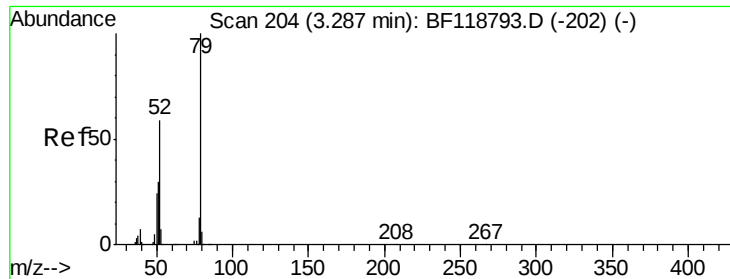


#2

1,4-Dioxane
Concen: 47.142 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 88 Resp: 374355
Ion Ratio Lower Upper
88 100
58 64.5 51.6 77.4
43 25.0 19.8 29.6





#3

Pvridine

Concen: 46.197 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

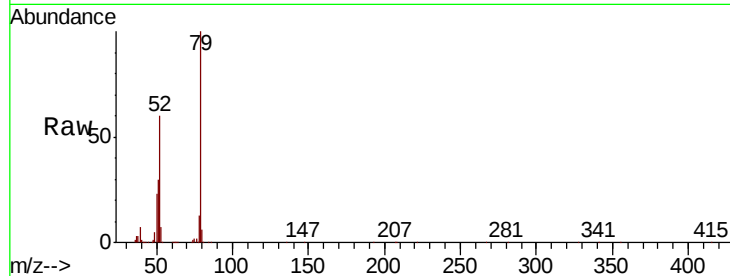
Tot Ion: 79 Resp: 1033967

Ion Ratio Lower Upper

79 100

52 59.9 47.4 71.0

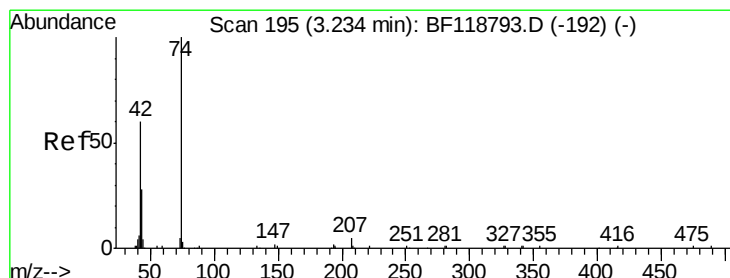
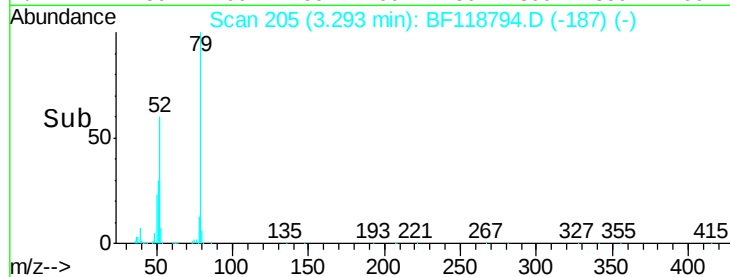
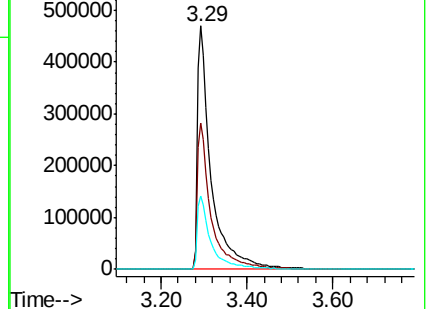
51 30.0 24.2 36.4



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: 39.840 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

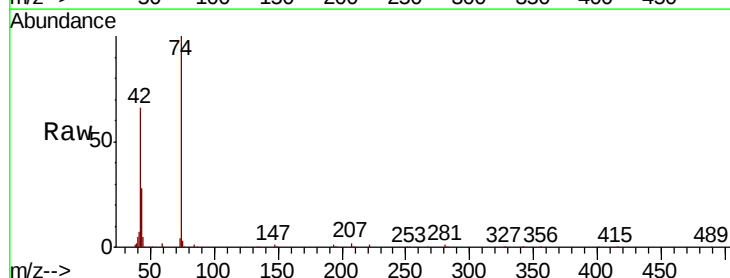
Tgt Ion: 42 Resp: 382288

Ion Ratio Lower Upper

42 100

74 151.3 124.3 186.5

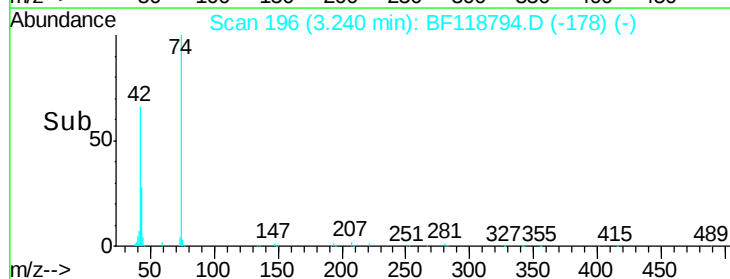
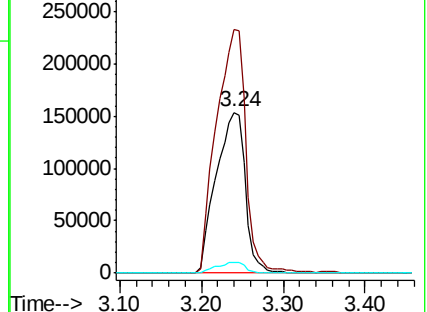
44 6.9 5.3 7.9

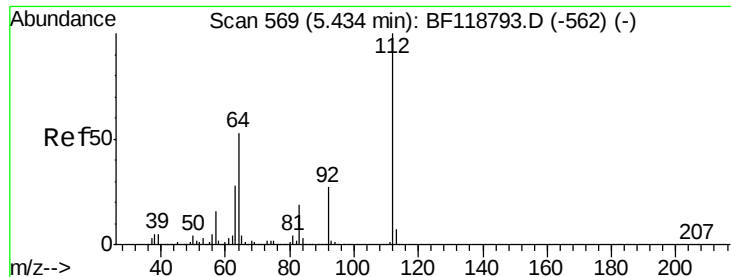


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.193 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.00 min

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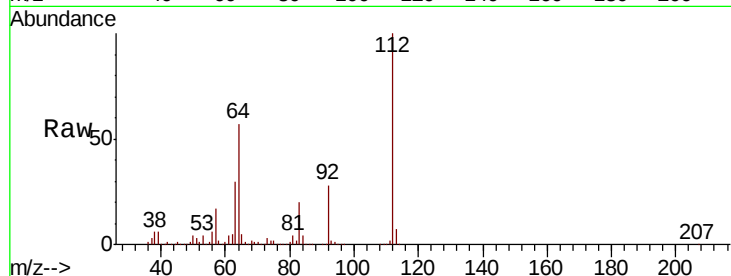
Tot Ion:112 Resp: 1609889

Ion Ratio Lower Upper

112 100

64 56.8 42.6 63.8

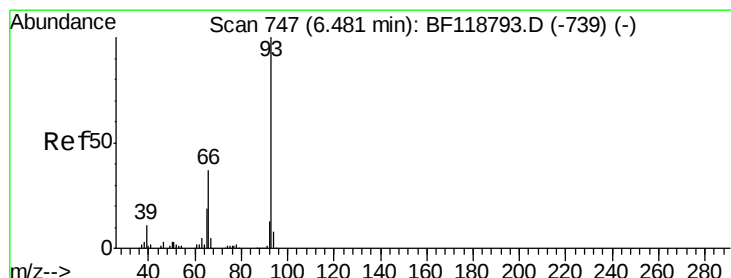
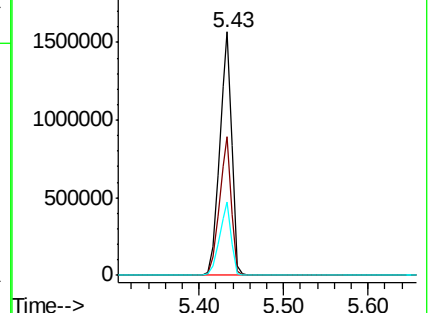
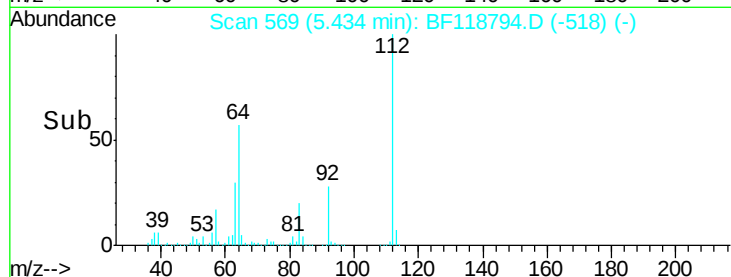
63 29.9 22.2 33.4



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: 46.828 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

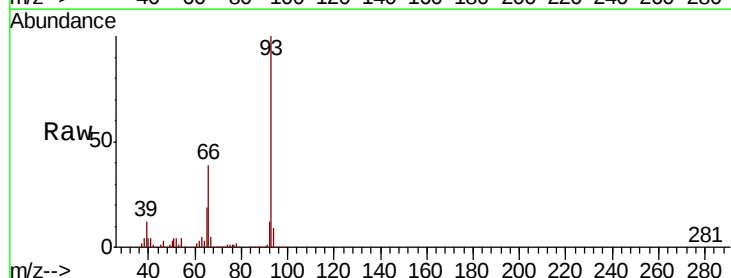
Tgt Ion: 93 Resp: 1313979

Ion Ratio Lower Upper

93 100

66 39.3 30.8 46.2

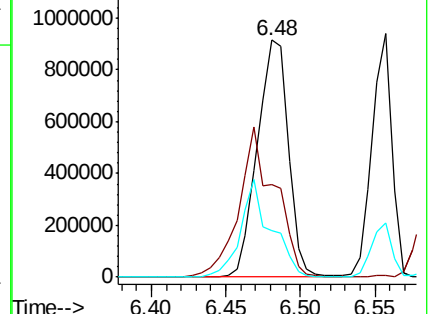
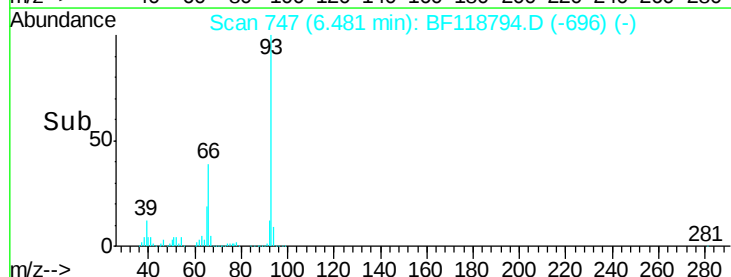
65 19.4 15.4 23.0

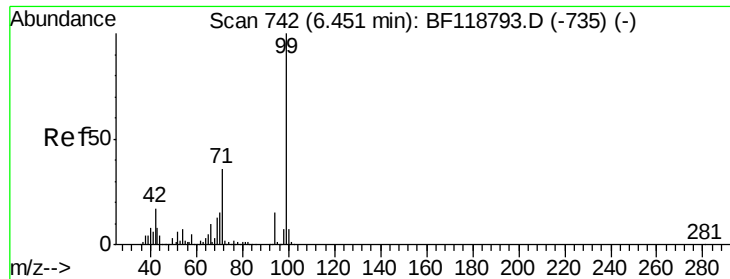


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.182 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

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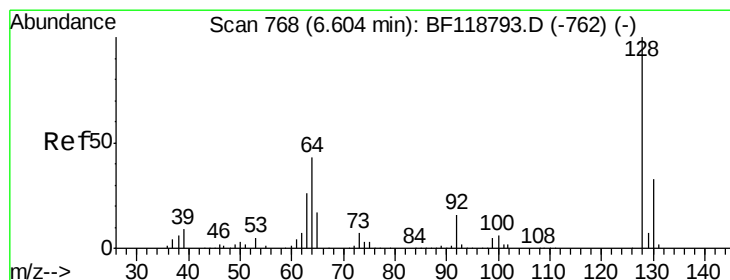
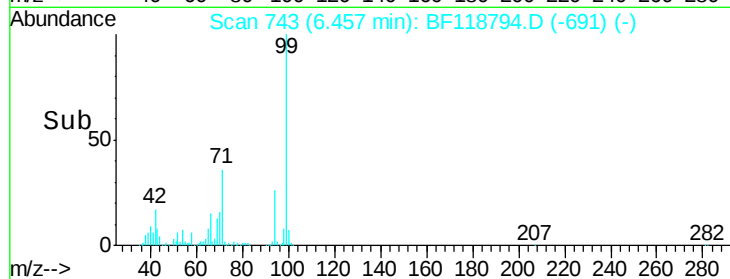
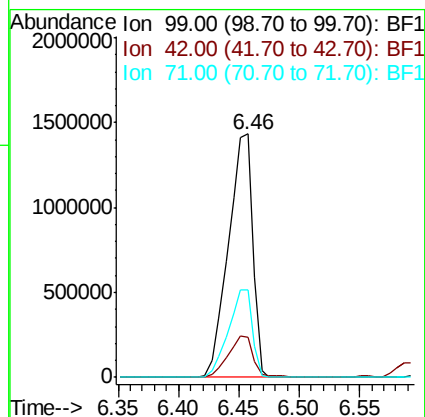
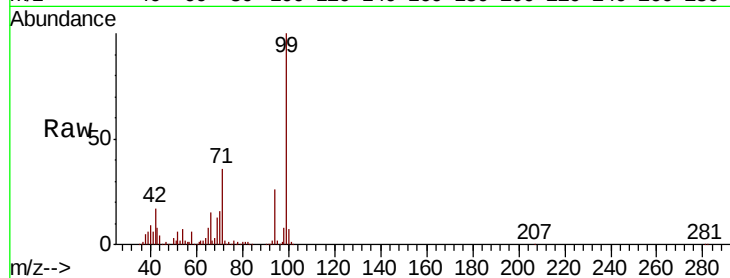
Tot Ion: 99 Resp: 2006977

Ion Ratio Lower Upper

99 100

42 16.7 13.4 20.0

71 36.0 29.0 43.6



#8

2-Chlorophenol

Concen: 49.486 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

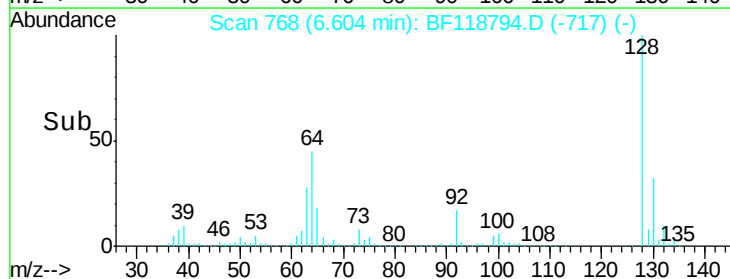
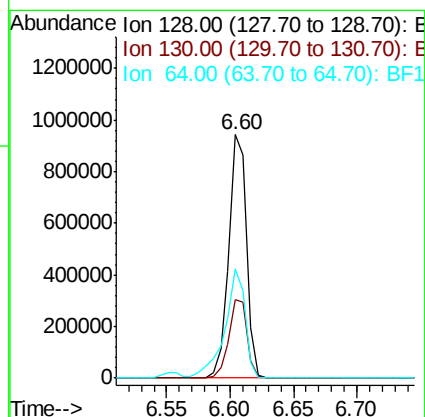
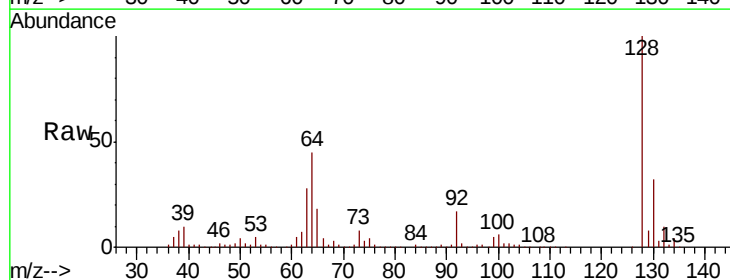
Tgt Ion: 128 Resp: 910657

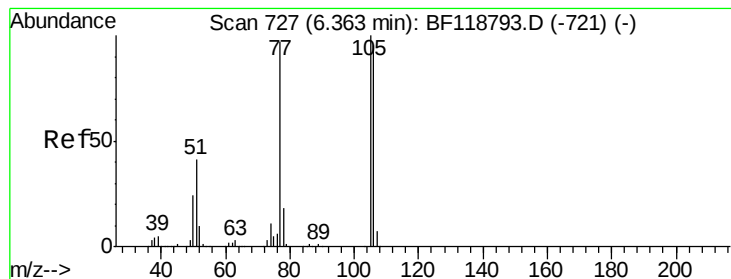
Ion Ratio Lower Upper

128 100

130 32.3 13.1 53.1

64 44.7 23.0 63.0





#9

Benzaldehyde

Concen: 39.203 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

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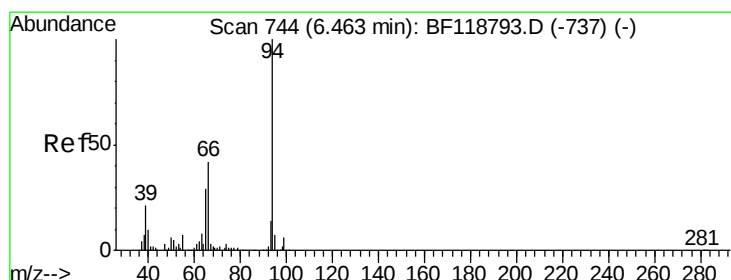
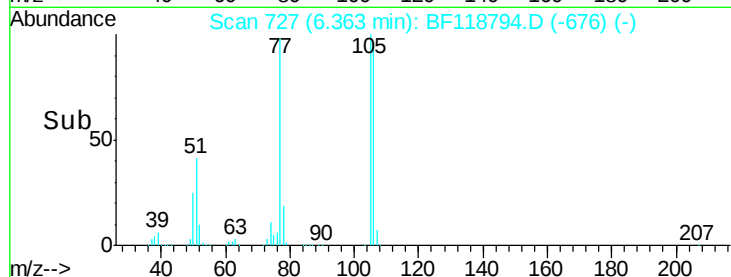
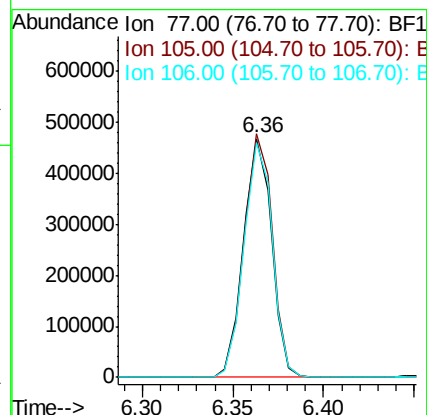
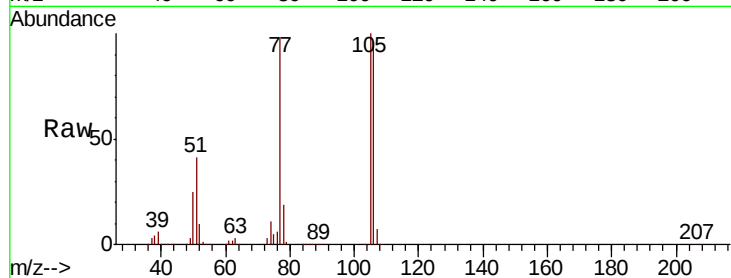
Tot Ion: 77 Resp: 508055

Ion Ratio Lower Upper

77 100

105 102.0 82.8 122.8

106 98.3 78.1 118.1



#10

Phenol

Concen: 45.872 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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Acq: 3 Feb 2020 12:44

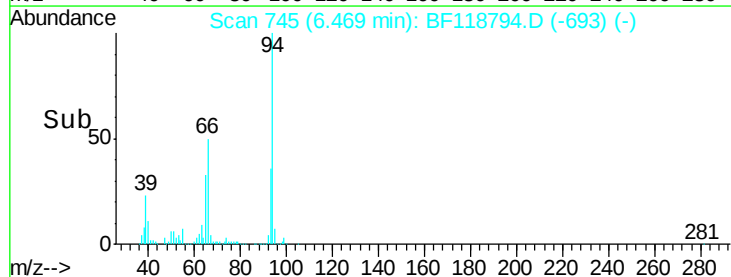
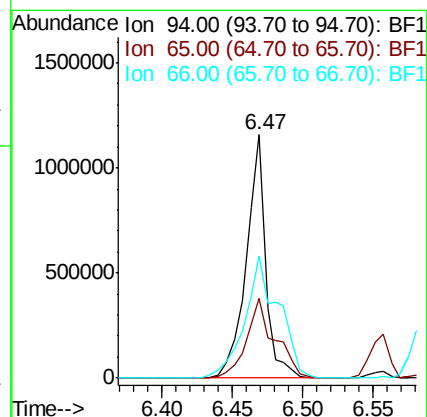
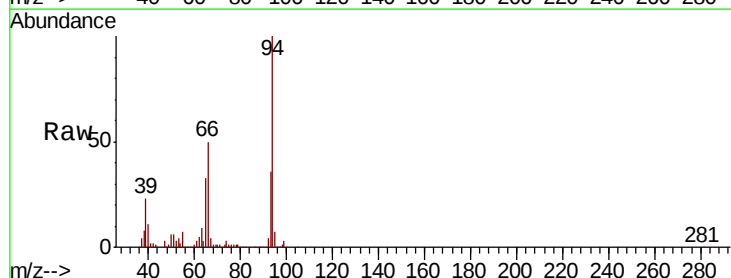
Tgt Ion: 94 Resp: 1113981

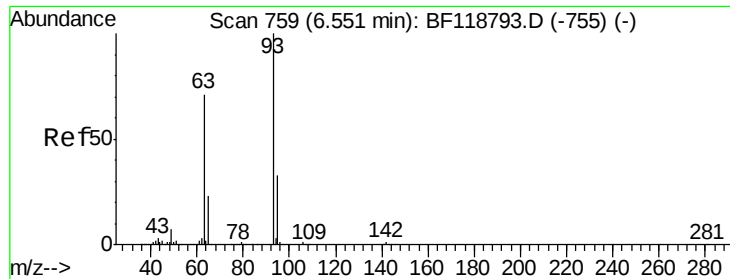
Ion Ratio Lower Upper

94 100

65 32.6 9.1 49.1

66 50.1 21.7 61.7

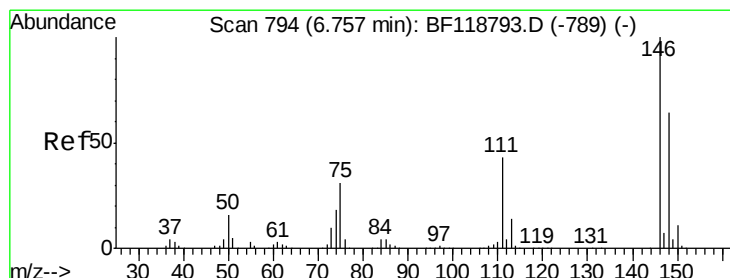
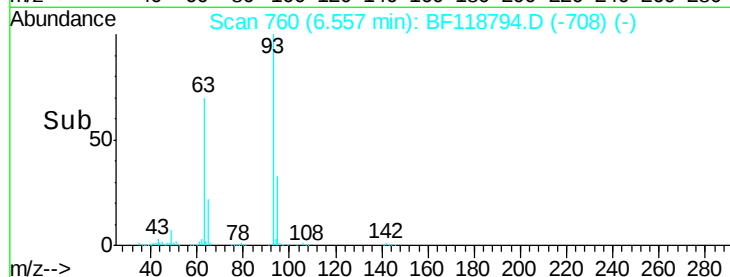
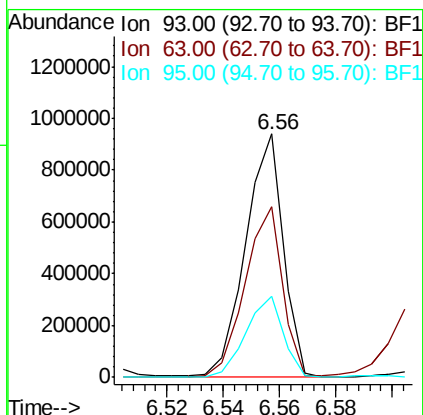
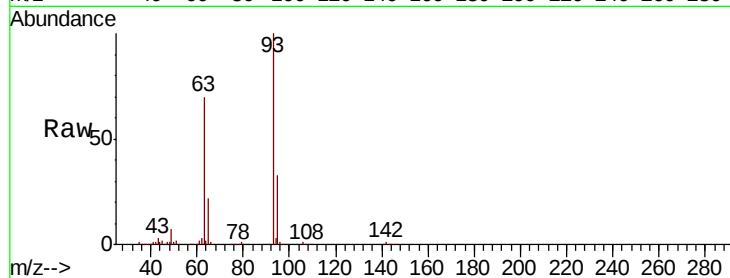




#11
bis(2-Chloroethyl)ether
Concen: 47.929 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

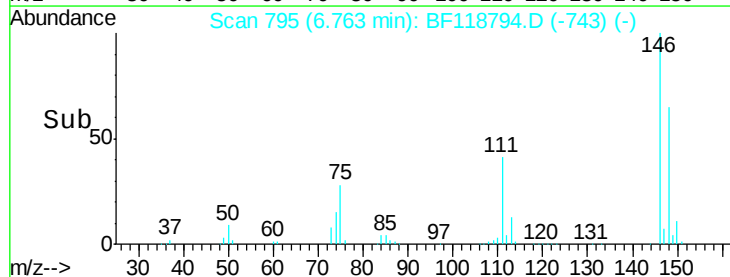
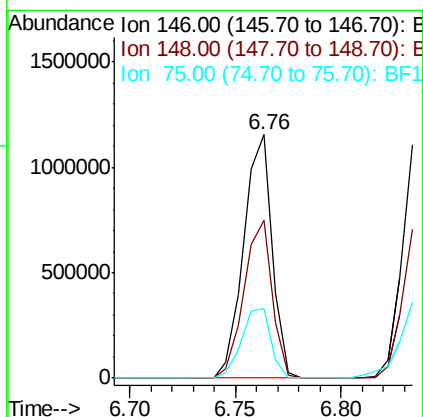
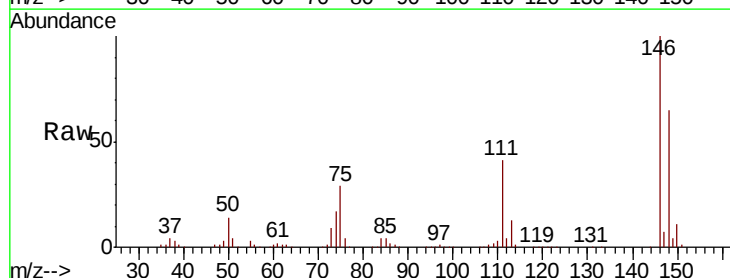
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

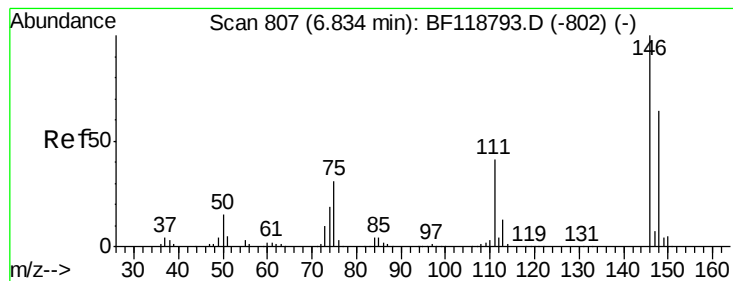
Tot Ion: 93 Resp: 863565
Ion Ratio Lower Upper
93 100
63 69.9 50.7 90.7
95 33.4 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 50.009 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 146 Resp: 1077152
Ion Ratio Lower Upper
146 100
148 65.0 51.1 76.7
75 28.5 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 49.586 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

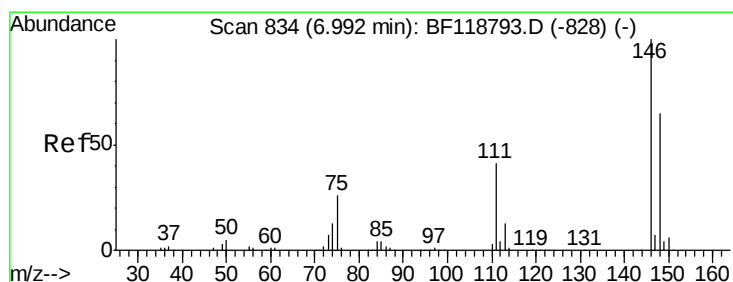
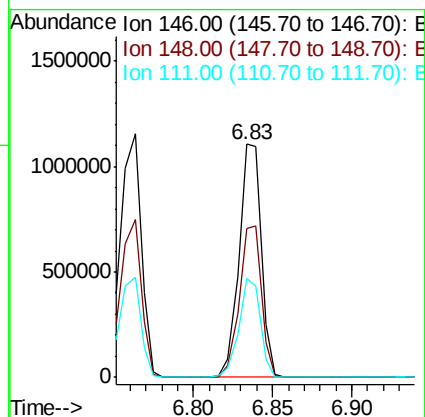
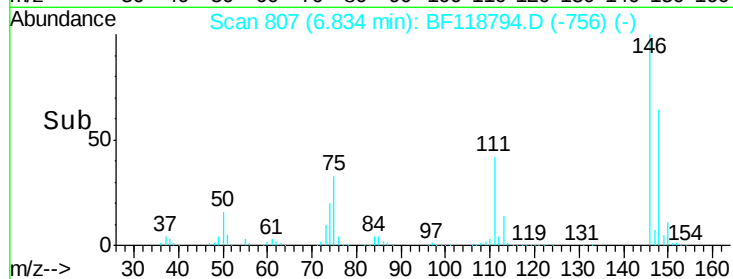
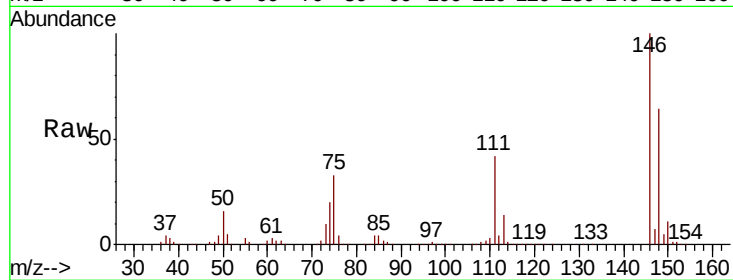
Tot Ion:146 Resp: 1072122

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

111 42.4 32.9 49.3



#14

1,2-Dichlorobenzene

Concen: 48.362 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

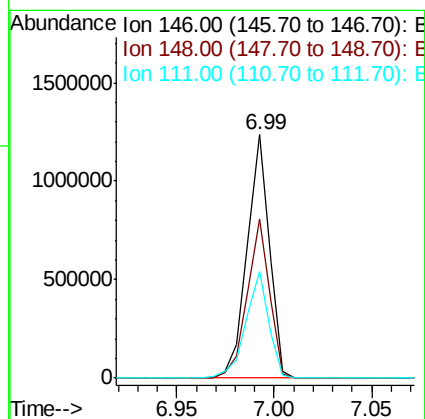
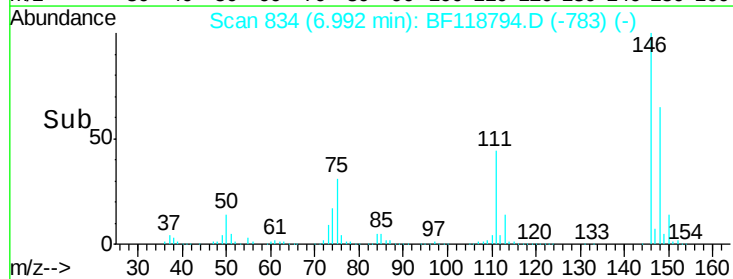
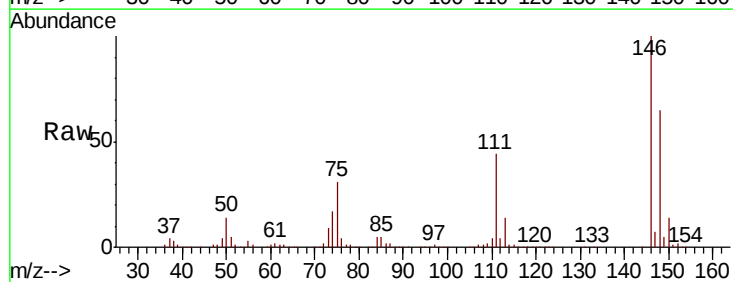
Tgt Ion:146 Resp: 982980

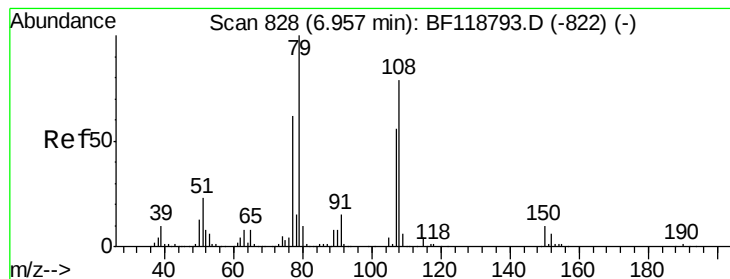
Ion Ratio Lower Upper

146 100

148 65.1 51.6 77.4

111 43.6 32.7 49.1





#15

Benzyl Alcohol

Concen: 46.432 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleID :

SSTDICC050

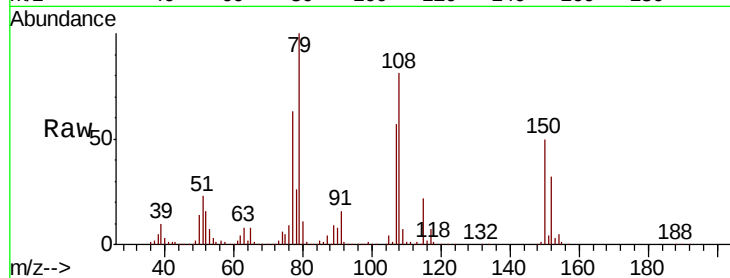
Tot Ion: 79 Resp: 784647

Ion Ratio Lower Upper

79 100

108 80.8 62.9 94.3

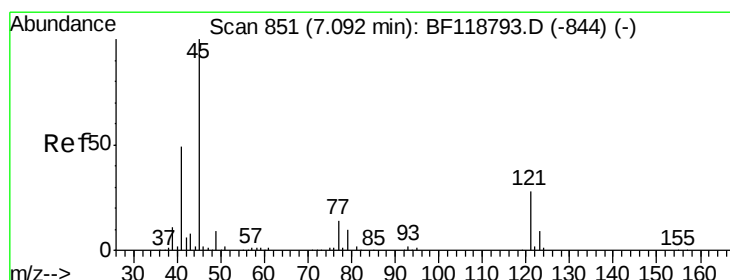
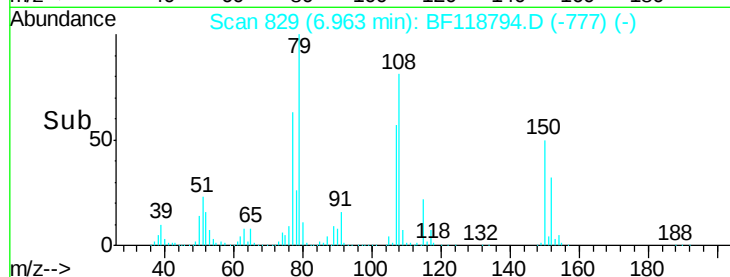
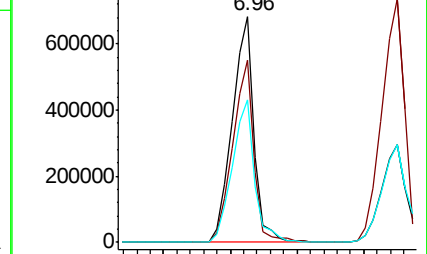
77 63.0 50.0 75.0



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: 41.636 ng

RT: 7.10 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

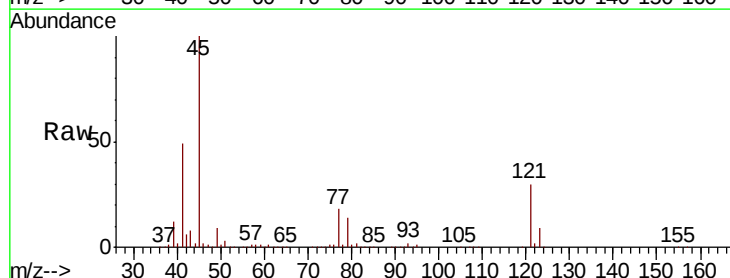
Tgt Ion: 45 Resp: 1044928

Ion Ratio Lower Upper

45 100

77 17.7 0.0 37.1

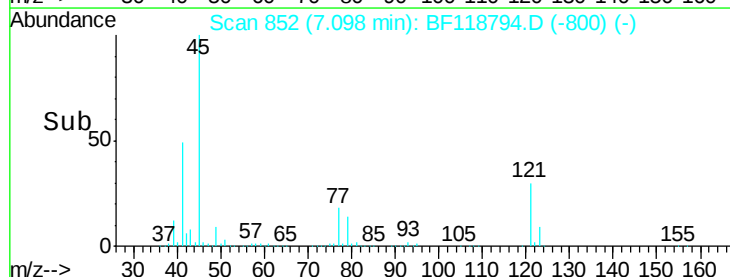
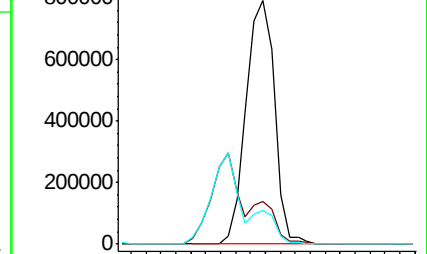
79 13.6 0.0 33.1

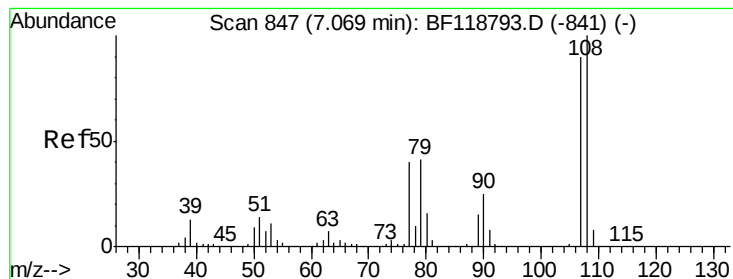


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 48.923 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:107 Resp: 749919

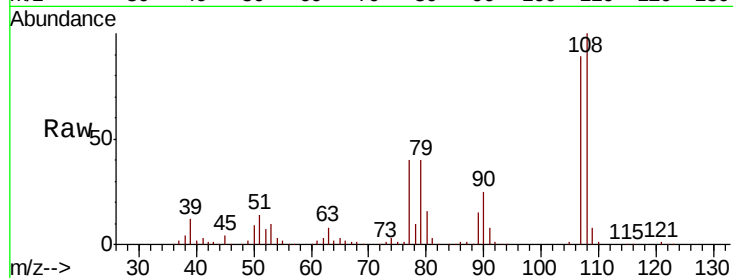
Ion Ratio Lower Upper

107 100

108 112.5 89.3 133.9

77 45.4 36.2 54.2

79 45.1 36.3 54.5

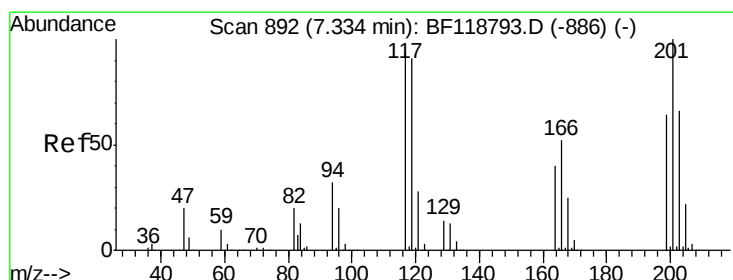
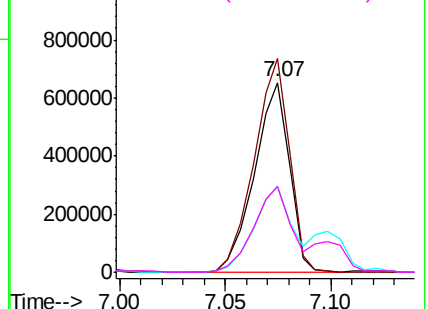
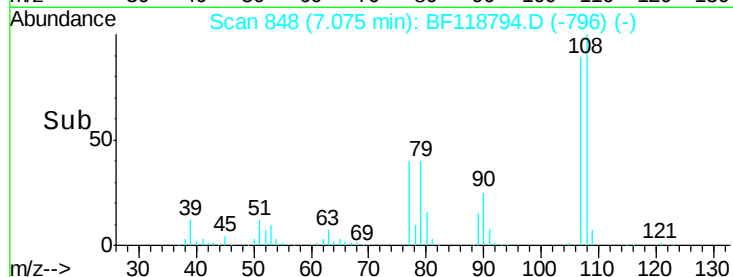


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 49.517 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

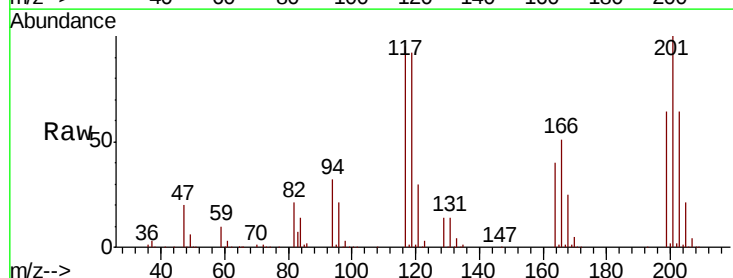
Tgt Ion:117 Resp: 388220

Ion Ratio Lower Upper

117 100

119 97.1 77.4 116.0

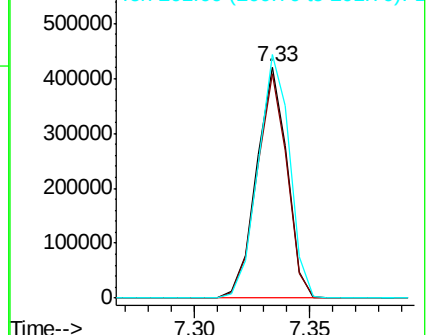
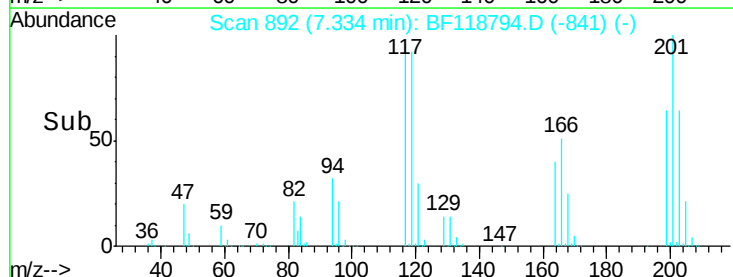
201 105.3 85.1 127.7

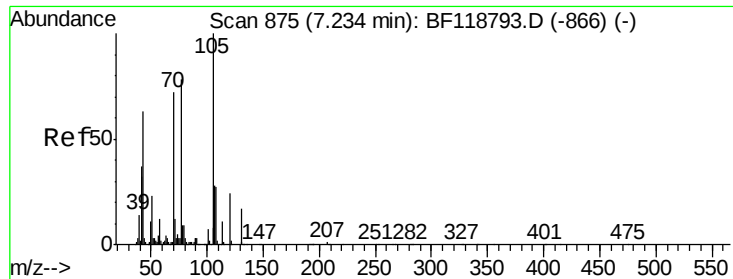


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

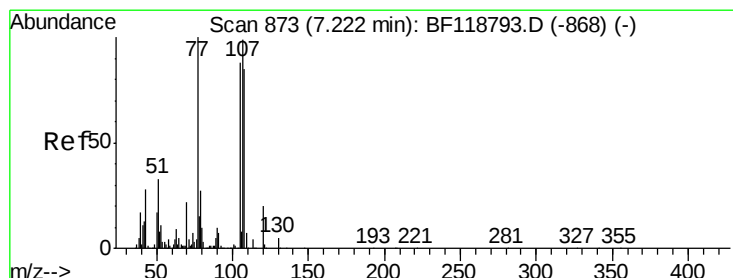
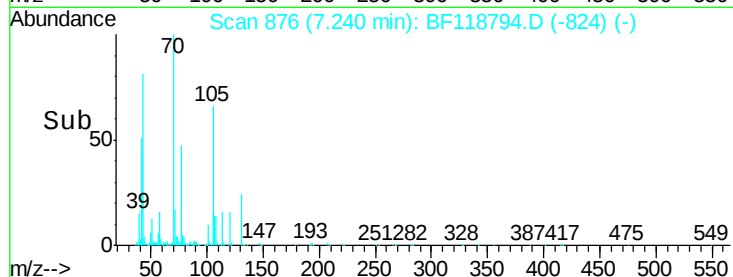
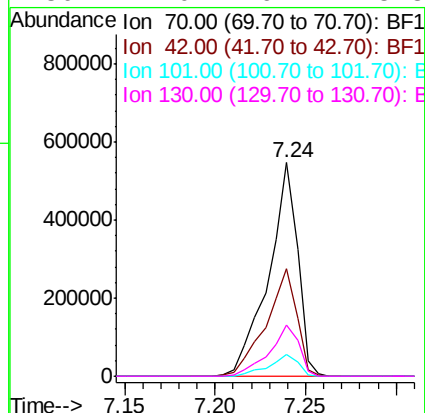
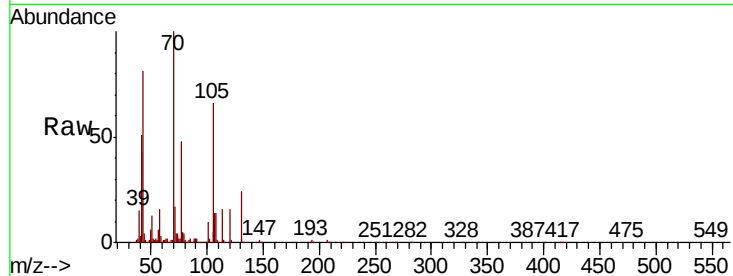




#19
n-Nitroso-di-n-propylamine
Concen: 42.401 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

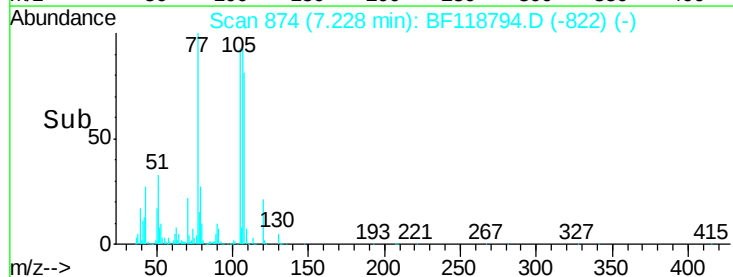
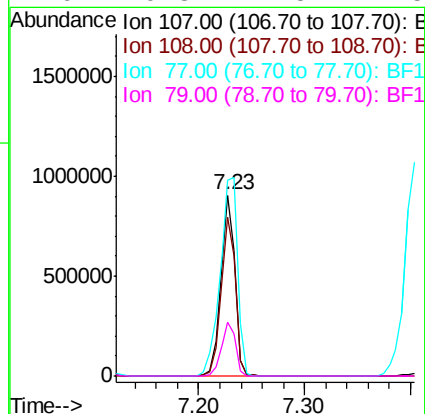
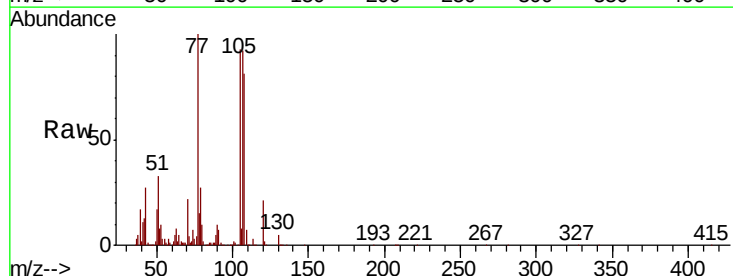
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

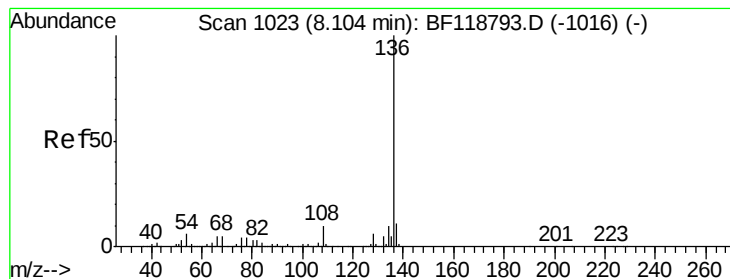
Tot Ion:	70	Resp:	610092
Ion	Ratio	Lower	Upper
70	100		
42	50.6	41.5	62.3
101	10.2	8.3	12.5
130	24.0	19.2	28.8



#20
3+4-Methylphenols
Concen: 45.888 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:	107	Resp:	858789
Ion	Ratio	Lower	Upper
107	100		
108	88.0	65.9	105.9
77	108.7	80.9	120.9
79	29.8	7.5	47.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 1103605

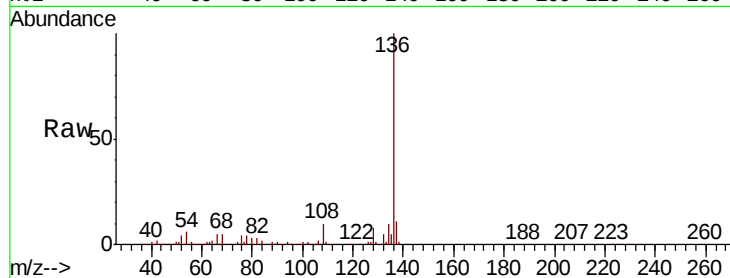
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.4 5.0 7.6

68 5.5 4.2 6.4

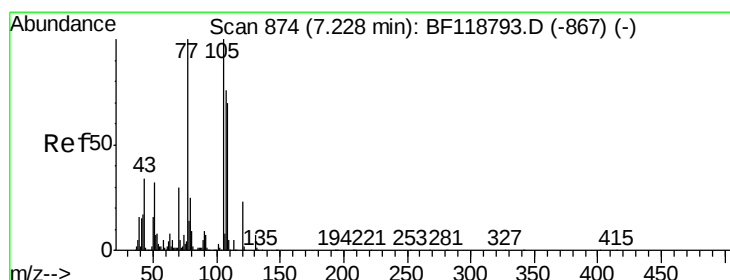
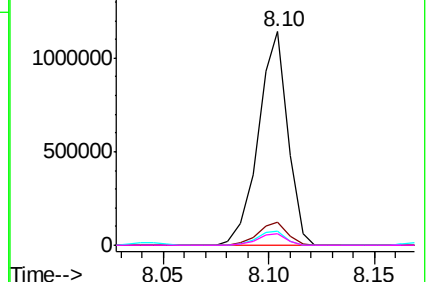
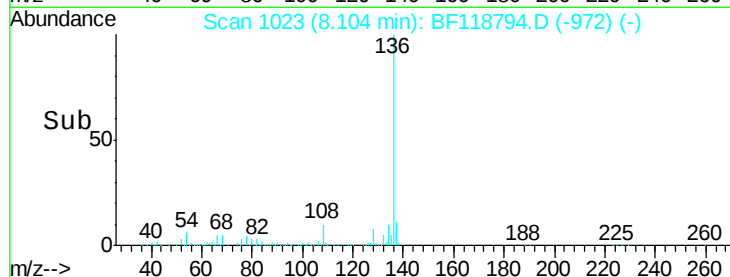


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.020 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Tgt Ion:105 Resp: 1203113

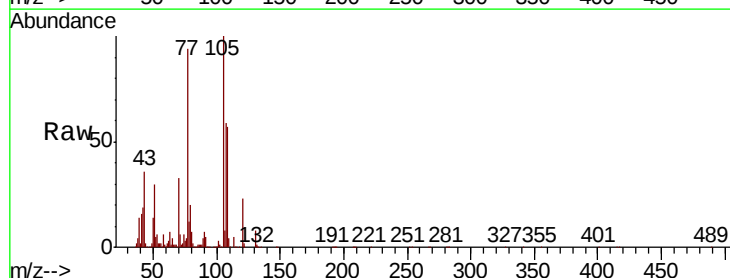
Ion Ratio Lower Upper

105 100

71 5.8 4.2 6.4

51 30.0 25.5 38.3

120 23.4 18.6 28.0

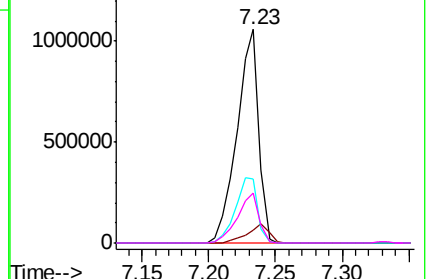
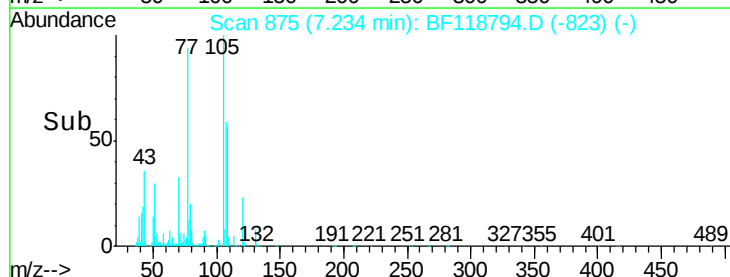


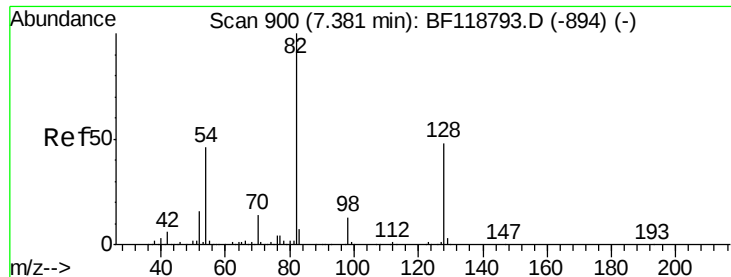
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 94.483 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

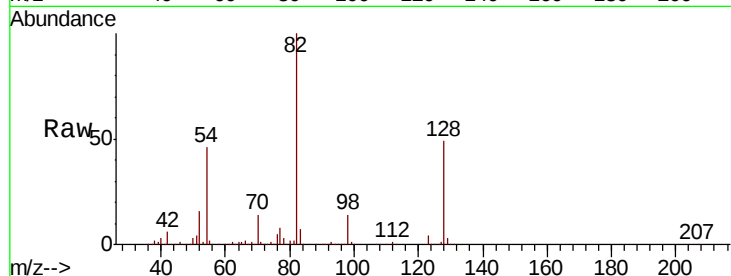
Tot Ion: 82 Resp: 1864203

Ion Ratio Lower Upper

82 100

128 48.9 38.5 57.7

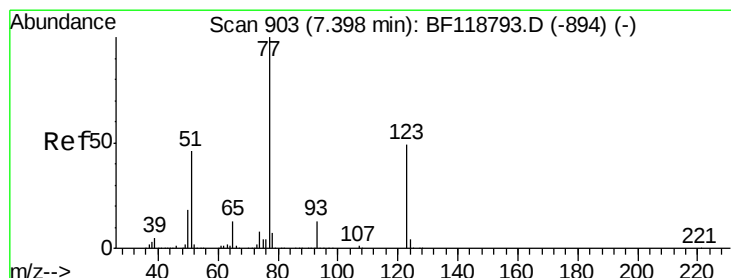
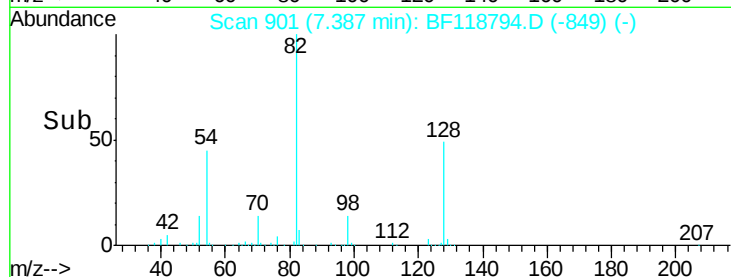
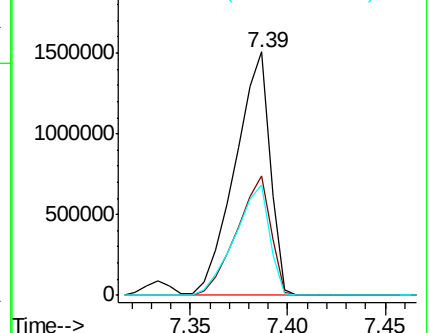
54 45.5 36.7 55.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 46.306 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

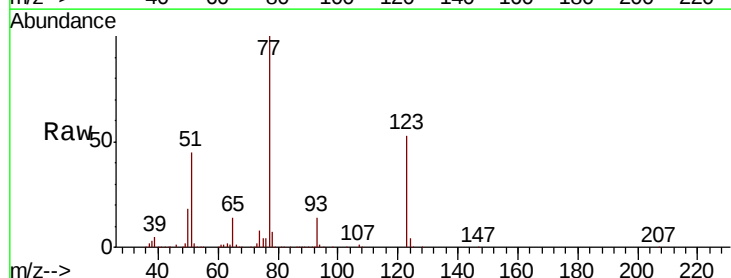
Tgt Ion: 77 Resp: 935500

Ion Ratio Lower Upper

77 100

123 53.0 39.0 58.4

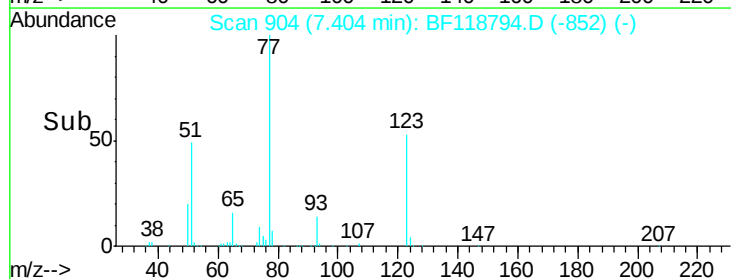
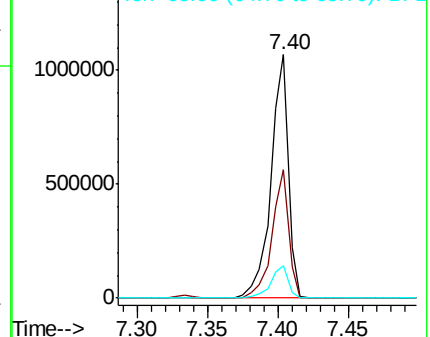
65 13.6 10.6 15.8

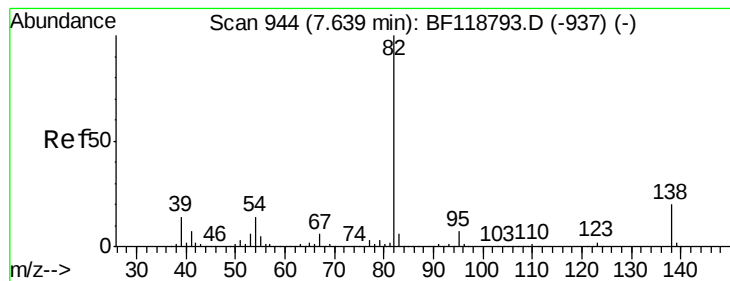


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 46.420 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

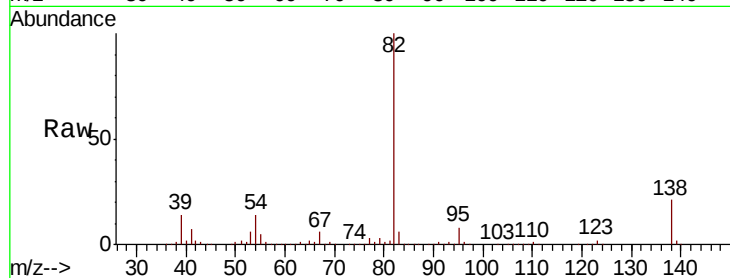
Tot Ion: 82 Resp: 1670549

Ion Ratio Lower Upper

82 100

95 7.5 6.0 9.0

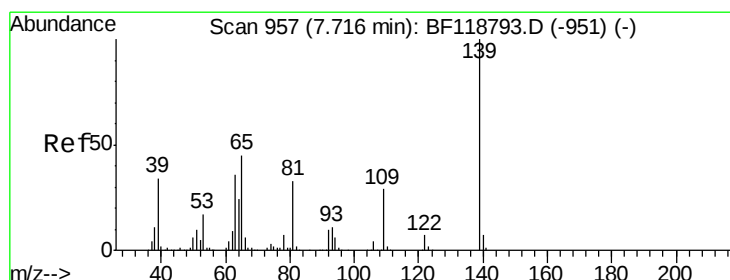
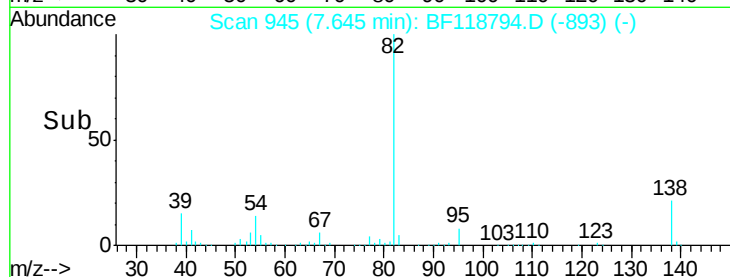
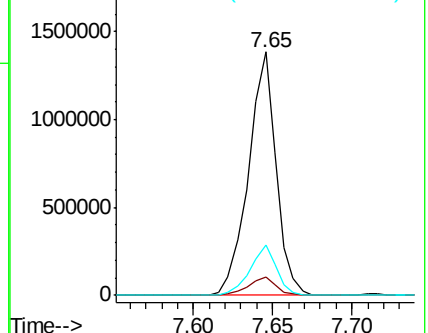
138 20.6 15.7 23.5



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: 59.418 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

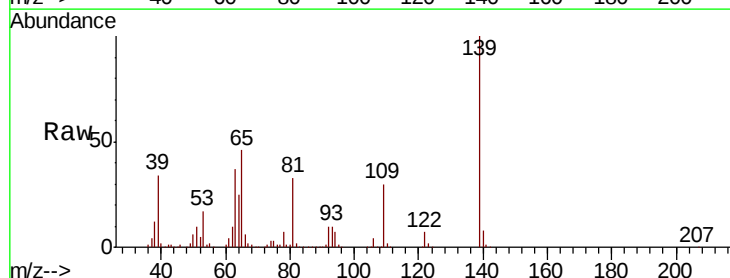
Tgt Ion:139 Resp: 511904

Ion Ratio Lower Upper

139 100

109 29.7 23.4 35.0

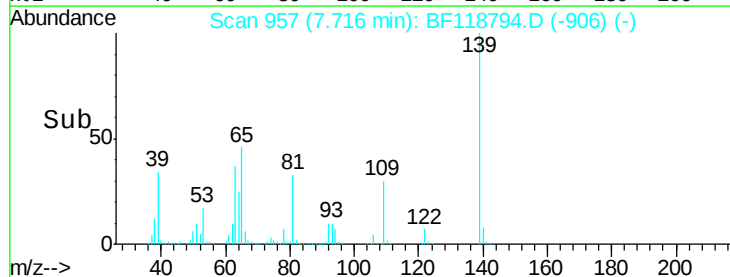
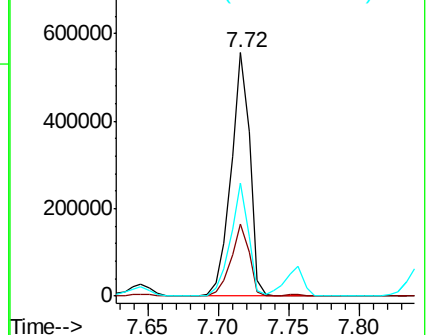
65 46.3 36.2 54.2

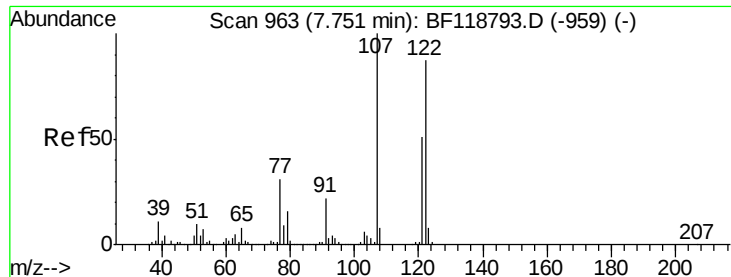


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

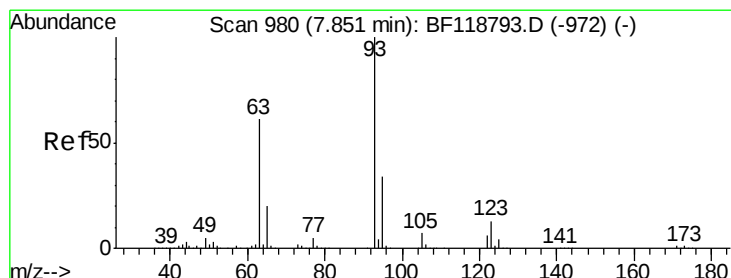
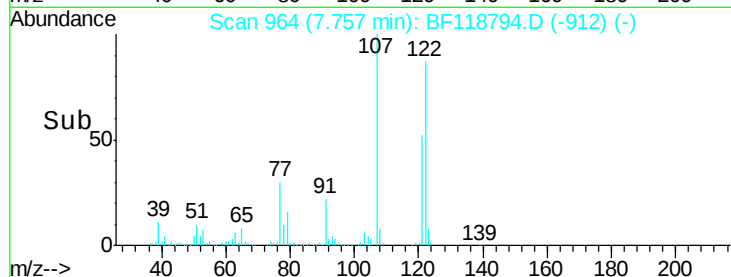
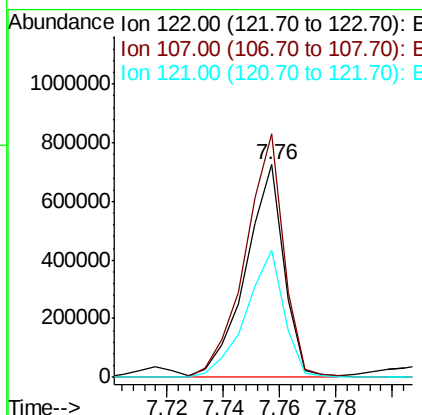
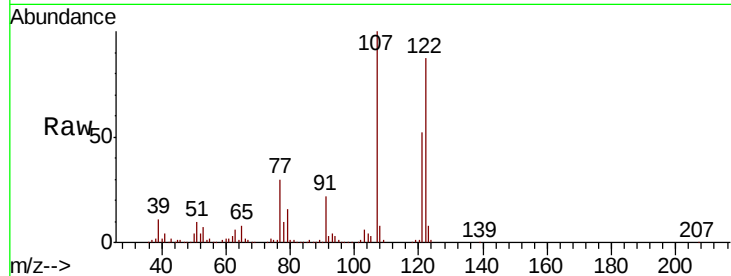




#27
 2,4-Dimethylphenol
 Concen: 45.889 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.01 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

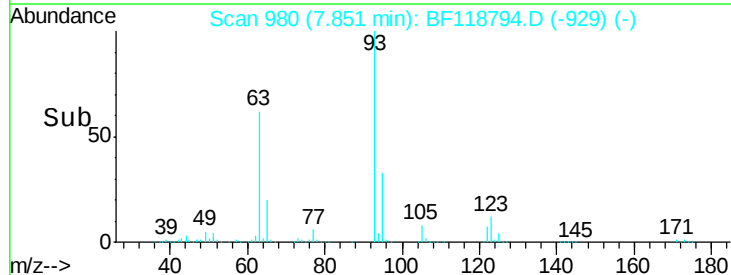
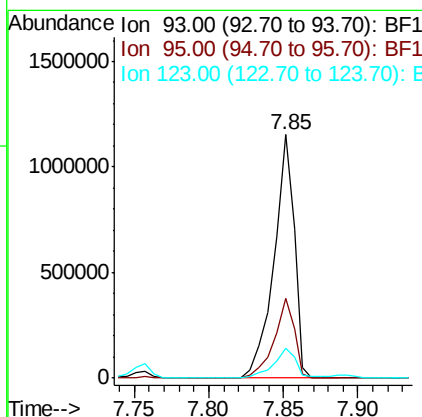
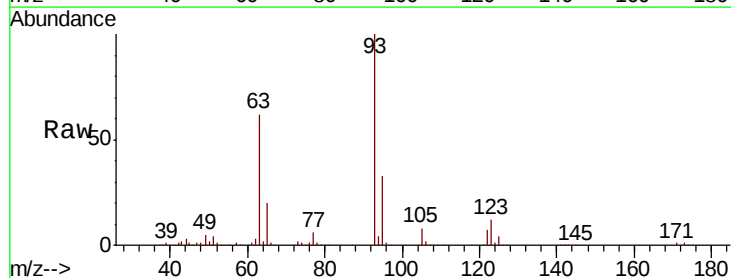
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

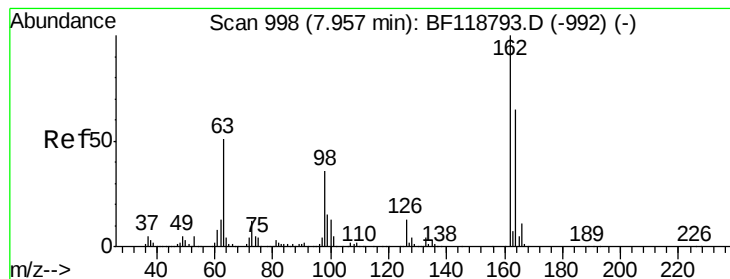
Tot Ion:122 Resp: 682682
 Ion Ratio Lower Upper
 122 100
 107 114.6 92.2 138.2
 121 59.7 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.118 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion: 93 Resp: 1092587
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.0 40.4
 123 12.4 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 49.729 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

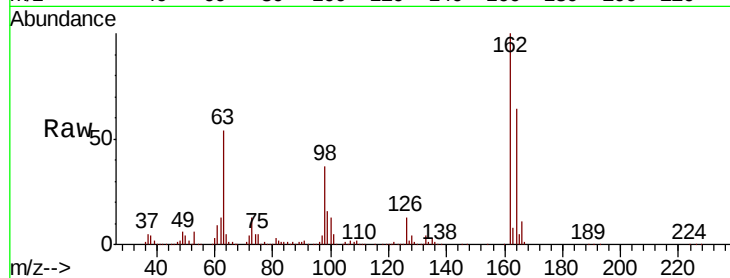
Tot Ion:162 Resp: 817823

Ion Ratio Lower Upper

162 100

164 63.9 44.8 84.8

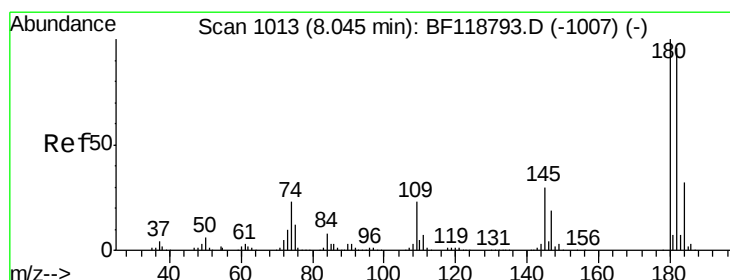
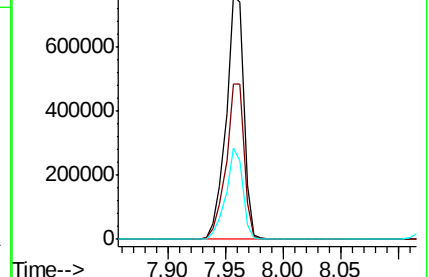
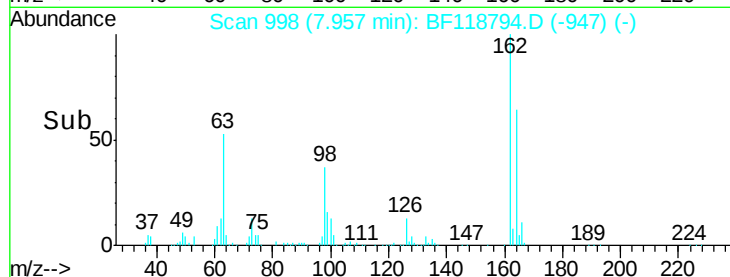
98 37.4 16.4 56.4



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: 49.524 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

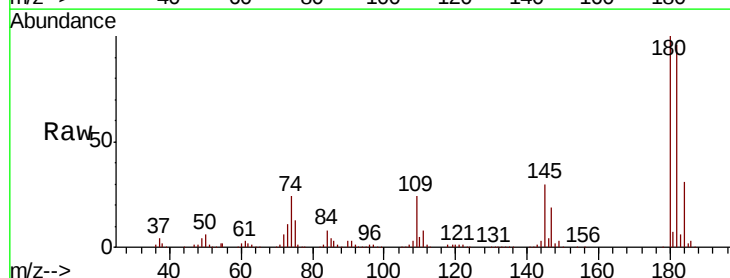
Tgt Ion:180 Resp: 944347

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

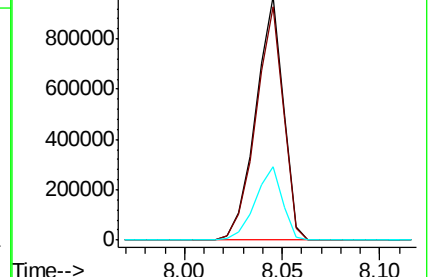
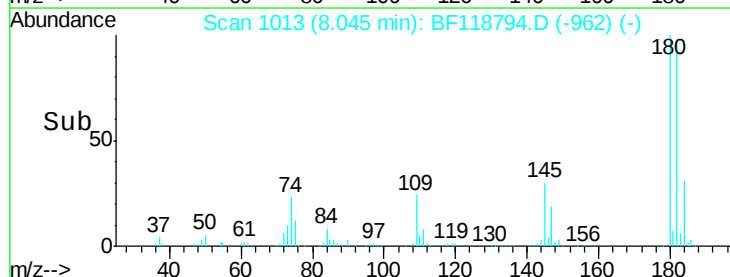
145 30.0 24.0 36.0

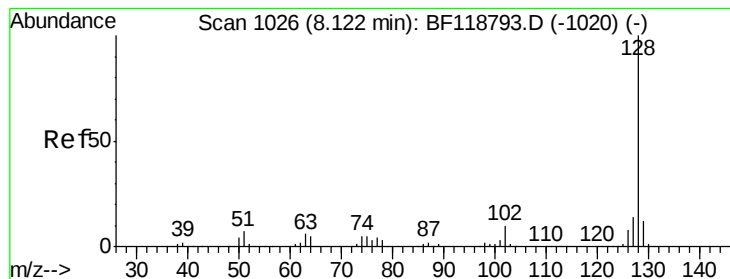


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.703 ng

RT: 8.13 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

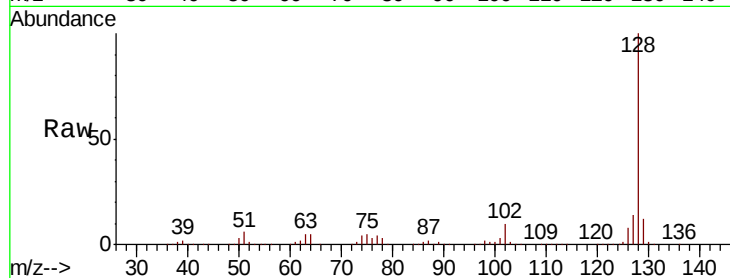
Tot Ion:128 Resp: 2527754

Ion Ratio Lower Upper

128 100

129 11.9 9.4 14.2

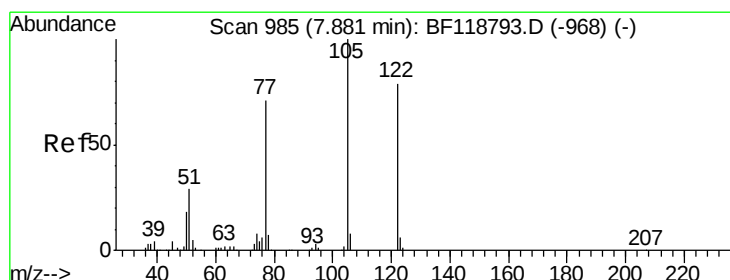
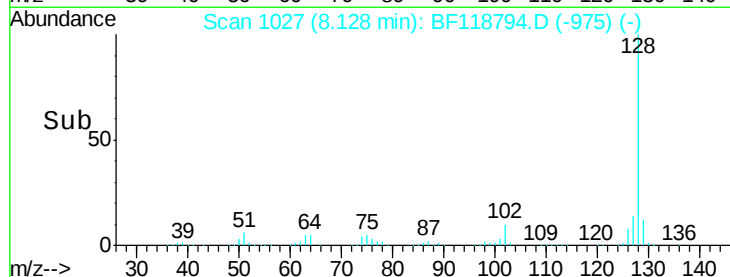
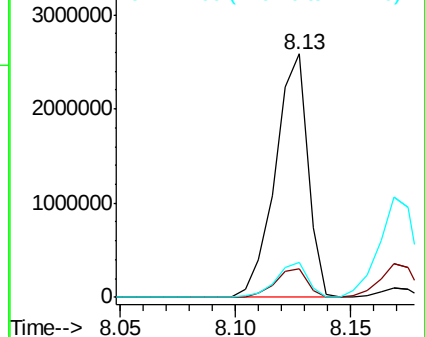
127 14.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.470 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

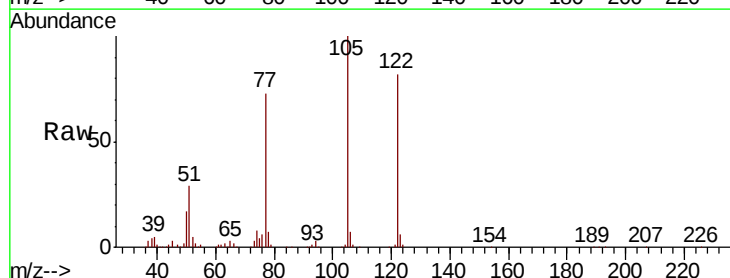
Tgt Ion:122 Resp: 619328

Ion Ratio Lower Upper

122 100

105 121.2 104.4 144.4

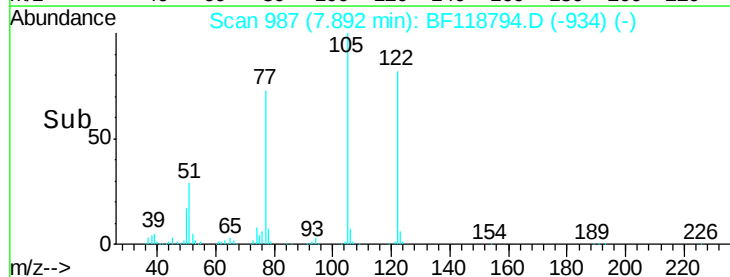
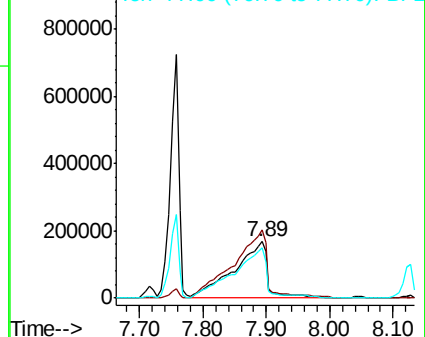
77 89.0 69.3 109.3

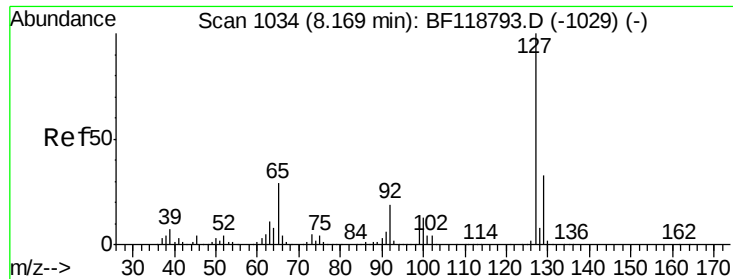


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

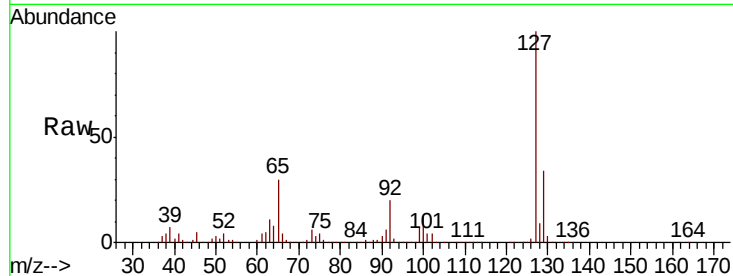




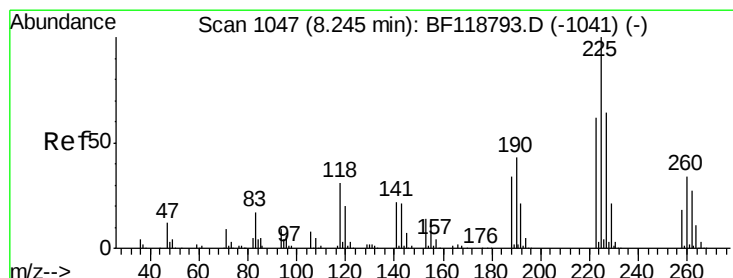
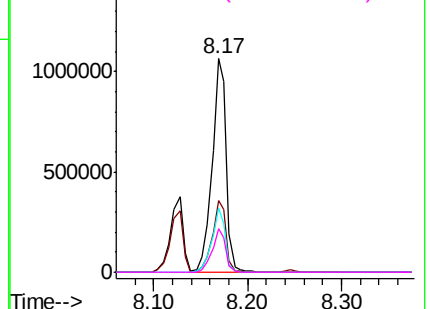
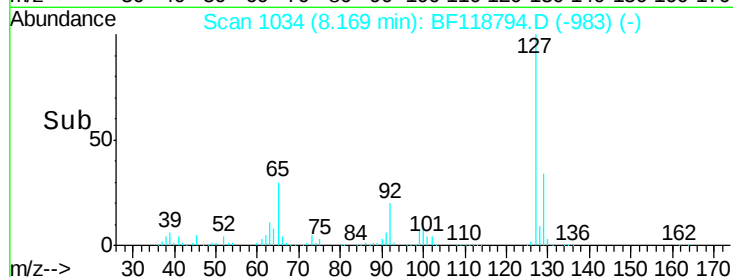
#33
4-Chloroaniline
Concen: 49.098 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	127	Resp:	1131341
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.7	40.1
65	30.2	22.9	34.3
92	20.1	15.4	23.0

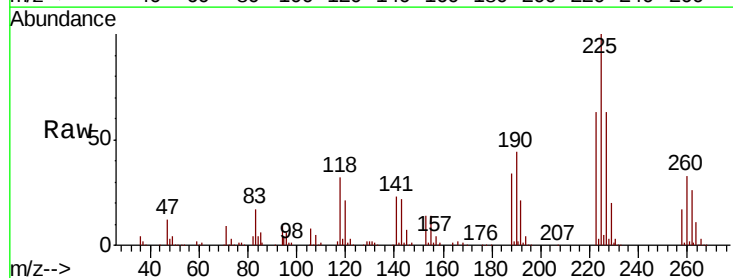


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

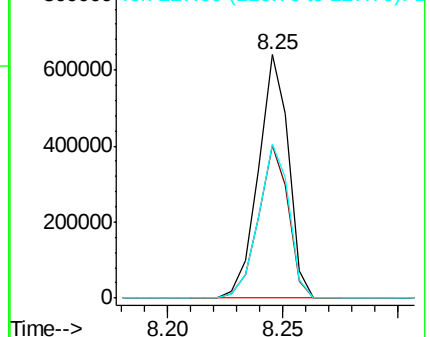
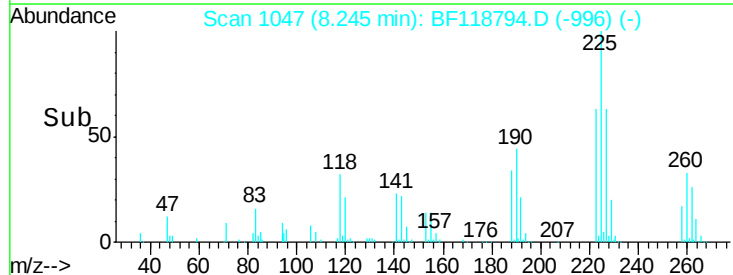


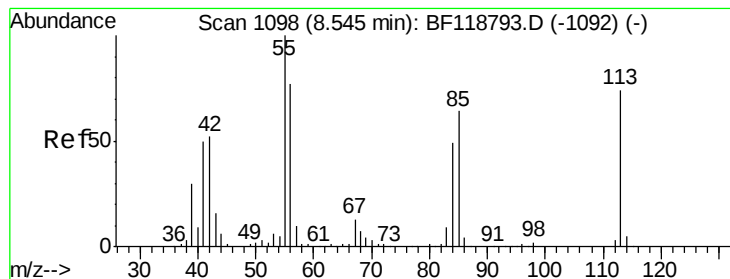
#34
Hexachlorobutadiene
Concen: 50.225 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:	225	Resp:	583227
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	63.4	51.0	76.4



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





#35

Caprolactam

Concen: 48.295 ng

RT: 8.56 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

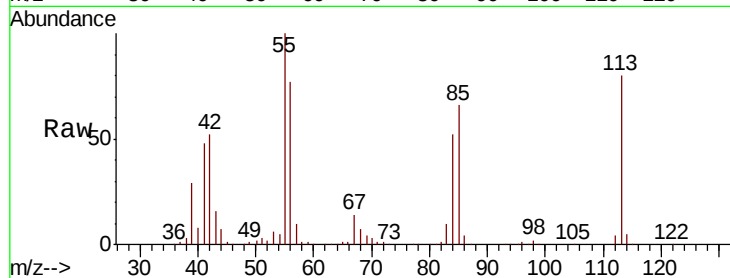
Tot Ion:113 Resp: 259918

Ion Ratio Lower Upper

113 100

55 125.3 115.5 155.5

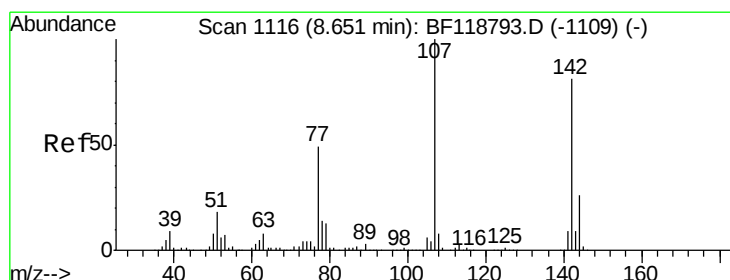
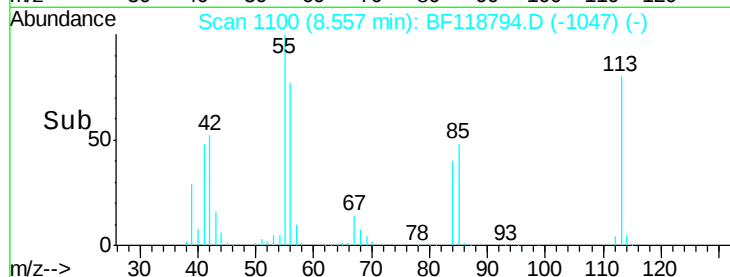
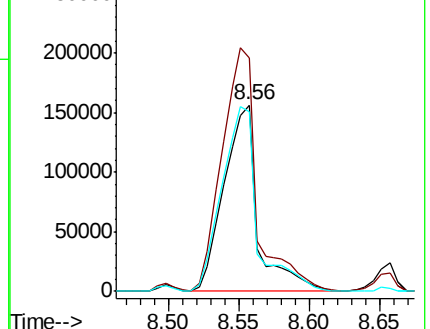
56 96.6 83.7 123.7



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: 50.318 ng

RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

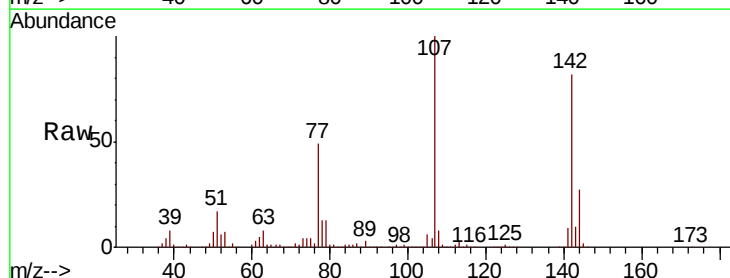
Tgt Ion:107 Resp: 817178

Ion Ratio Lower Upper

107 100

144 27.0 21.0 31.6

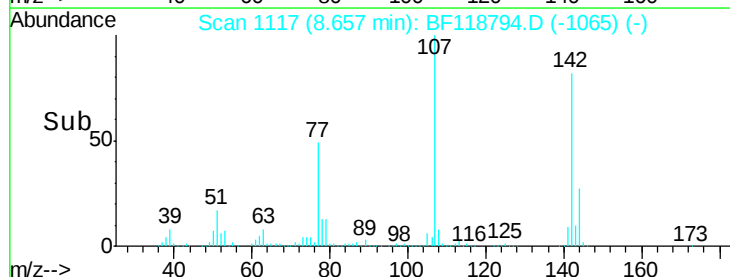
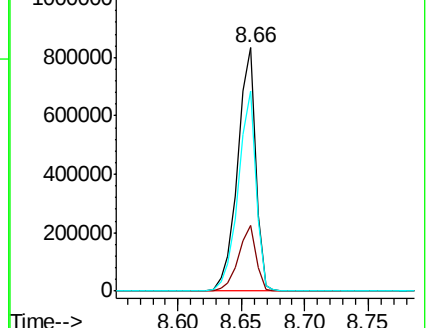
142 82.0 64.8 97.2

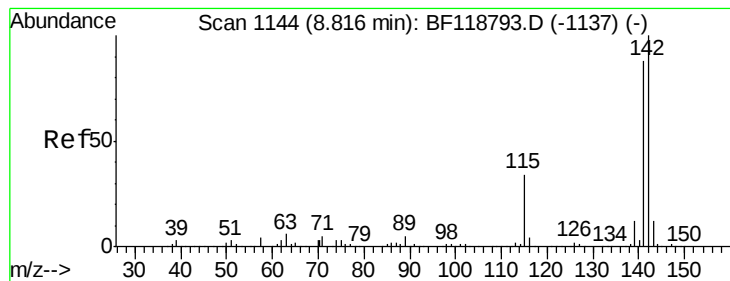


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.549 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

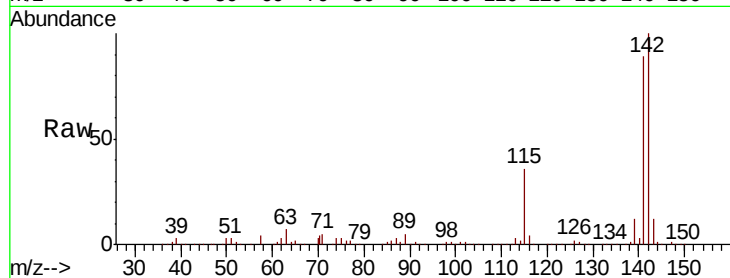
Tot Ion:142 Resp: 1743621

Ion Ratio Lower Upper

142 100

141 89.2 70.1 105.1

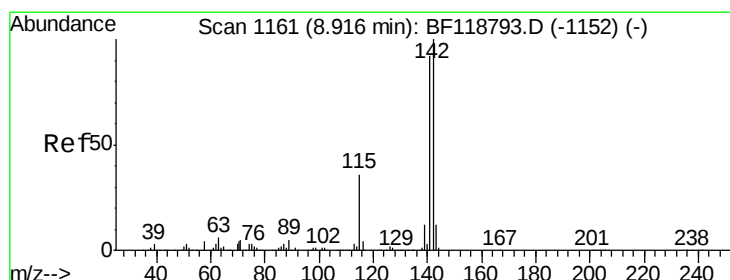
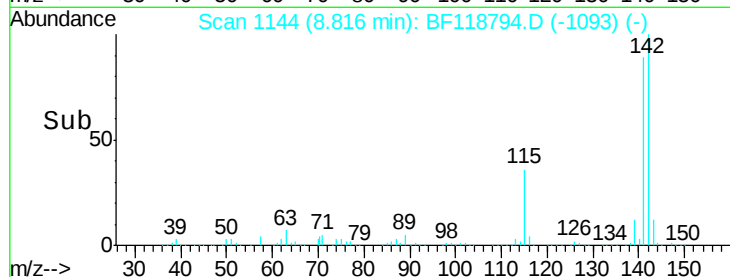
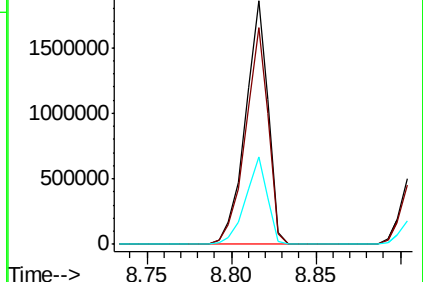
115 35.9 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.535 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

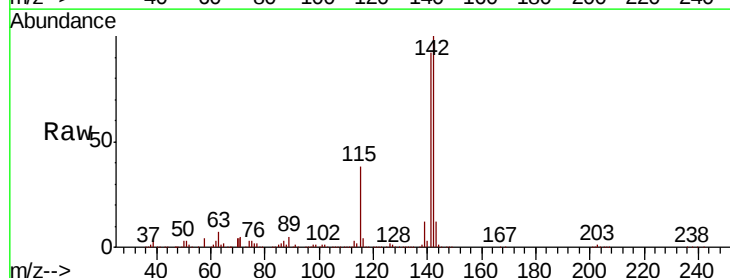
Tgt Ion:142 Resp: 1656045

Ion Ratio Lower Upper

142 100

141 92.4 73.8 110.6

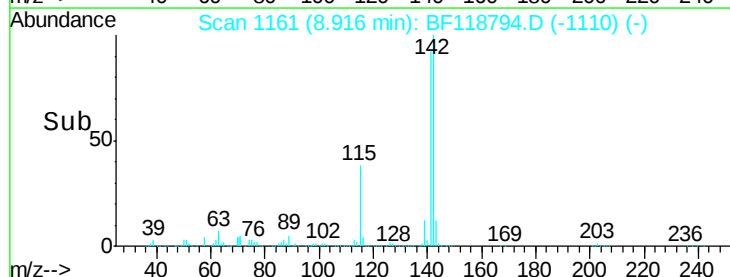
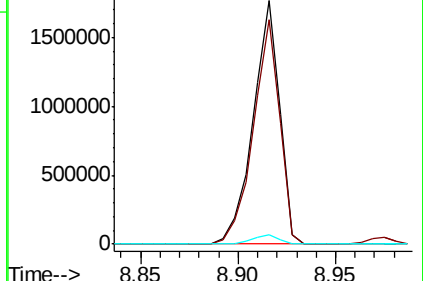
116 4.0 3.0 4.4

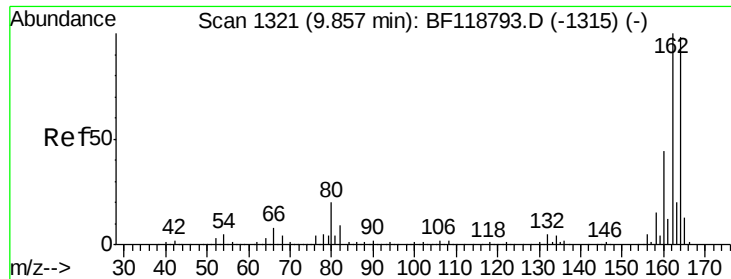


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

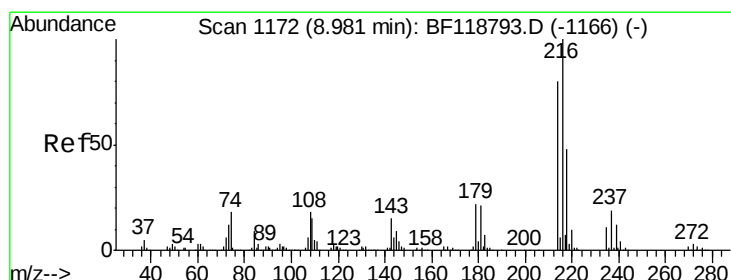
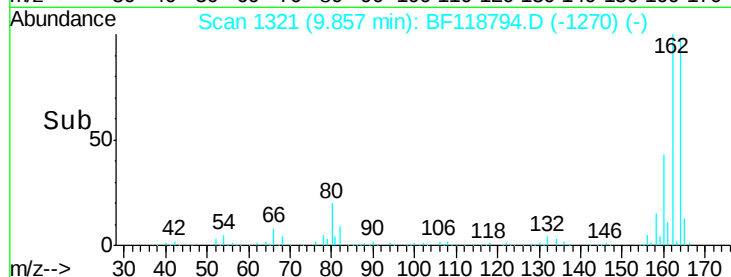
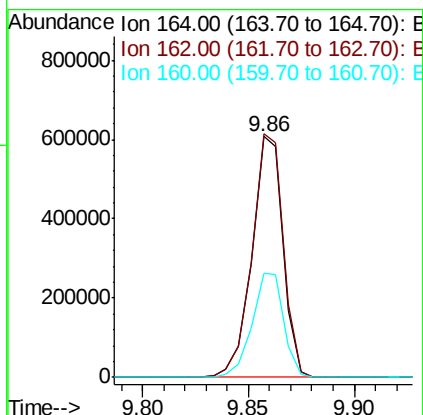
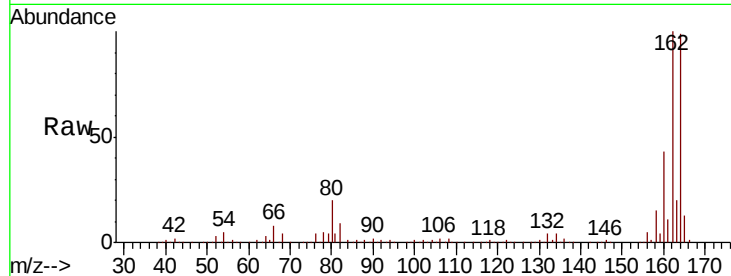




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

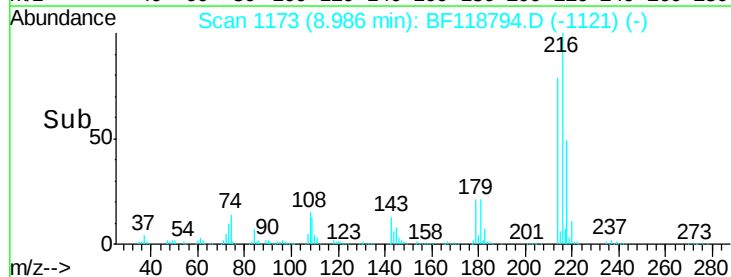
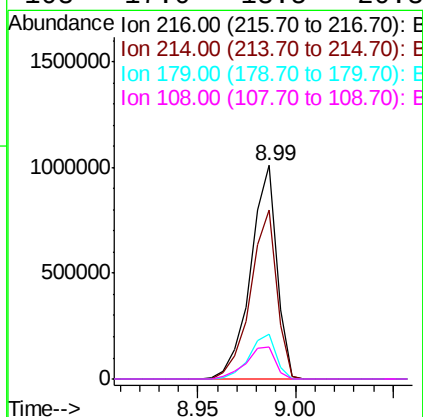
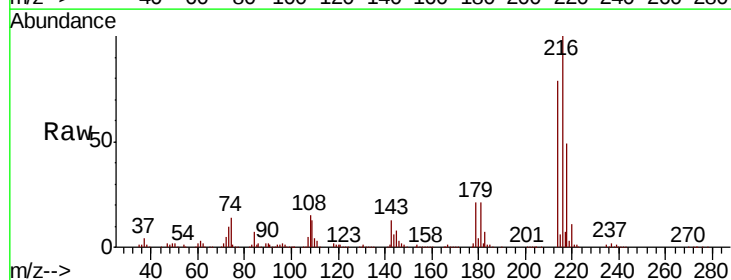
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

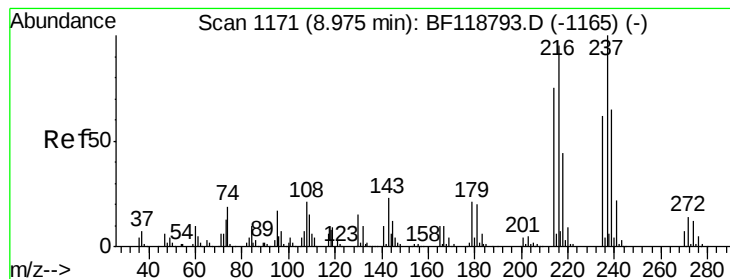
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	43.4	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.408 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	21.3	17.0	25.6
108	17.0	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 40.696 ng

RT: 8.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

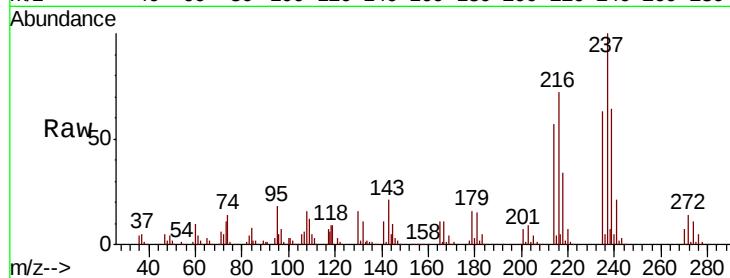
Tot Ion:237 Resp: 399603

Ion Ratio Lower Upper

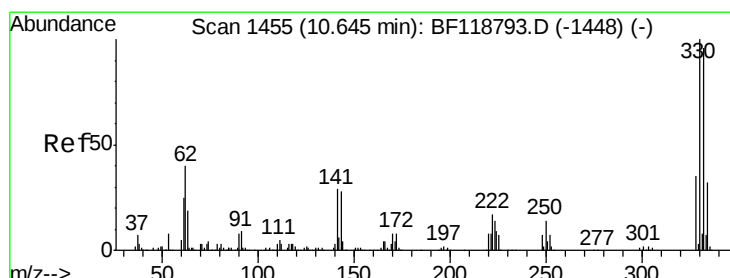
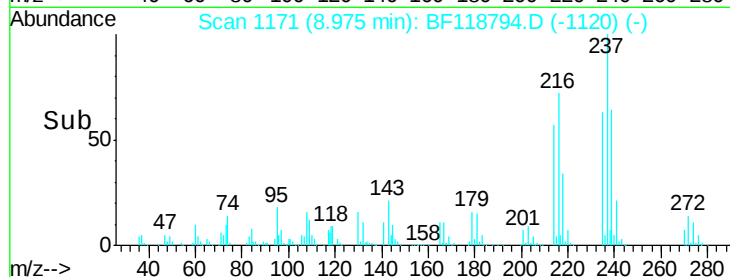
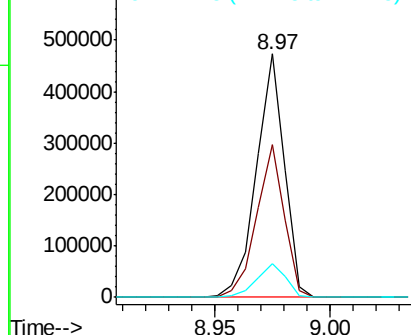
237 100

235 62.9 42.1 82.1

272 13.8 0.0 34.4



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



#42

2,4,6-Tribromophenol

Concen: 104.772 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

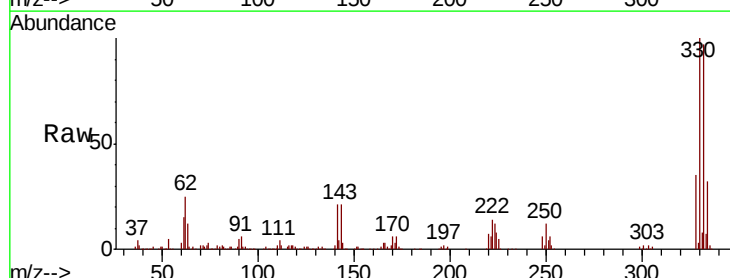
Tgt Ion:330 Resp: 753743

Ion Ratio Lower Upper

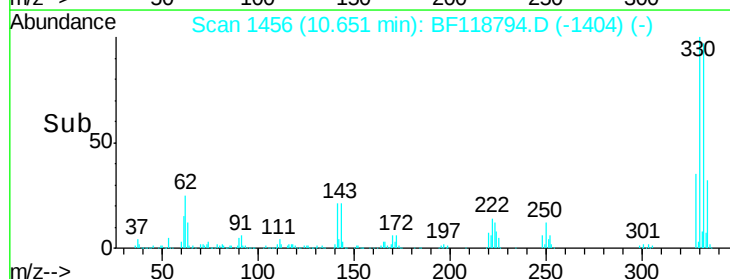
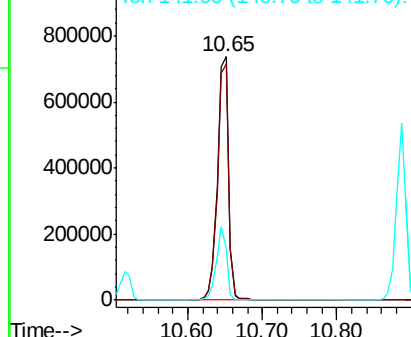
330 100

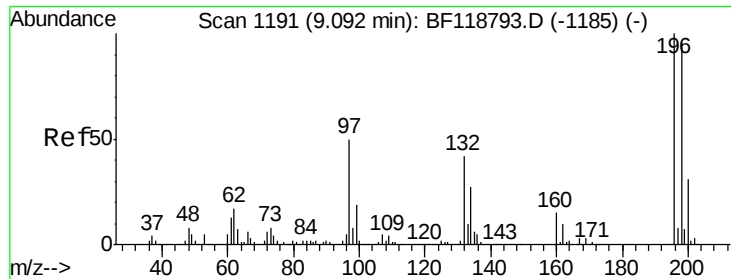
332 96.7 77.3 115.9

141 28.1 22.4 33.6



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

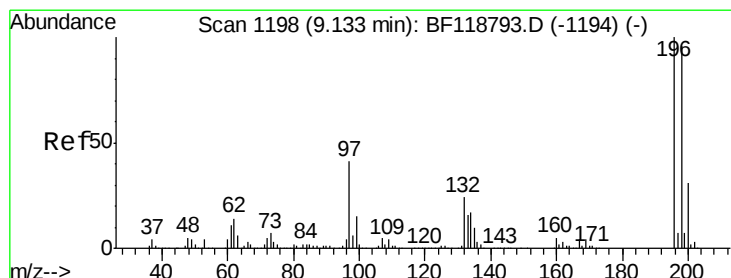
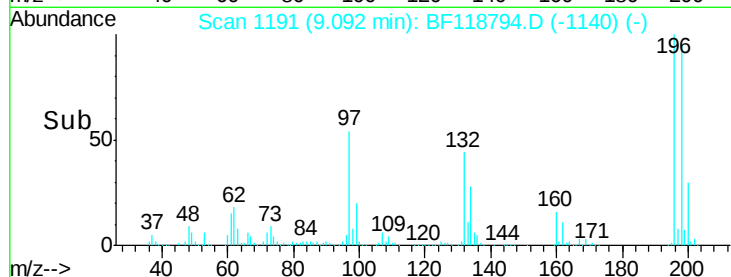
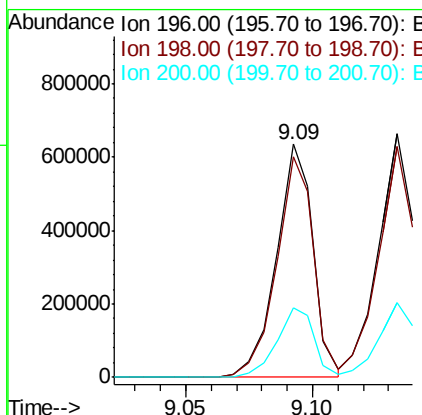
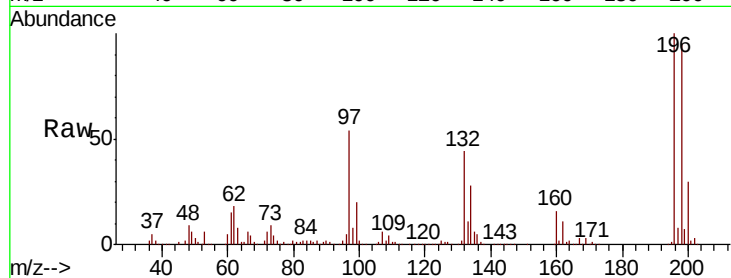




#43
 2,4,6-Trichlorophenol
 Concen: 49.649 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

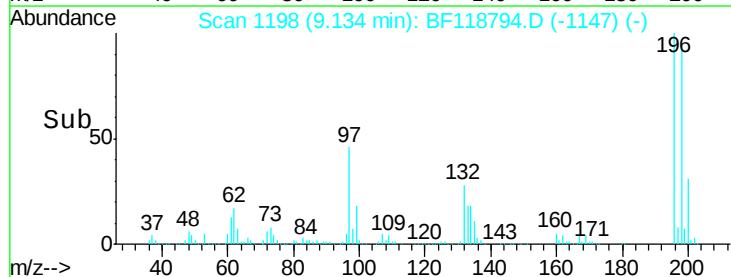
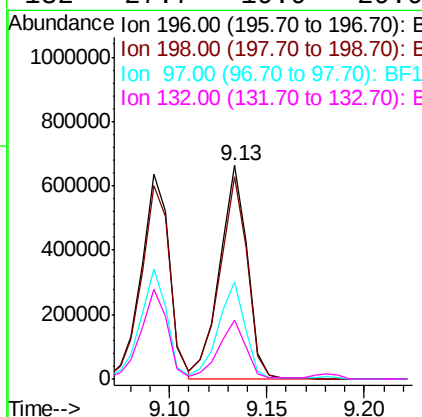
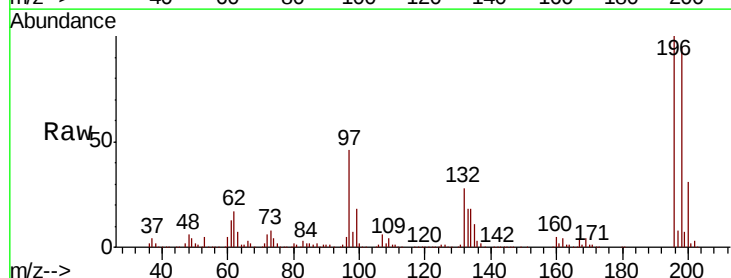
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

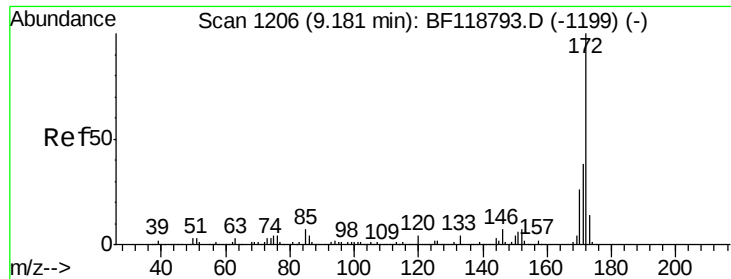
Tot Ion:196 Resp: 641187
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.7 115.1
 200 30.0 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.253 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:196 Resp: 649623
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.0 115.4
 97 45.8 32.9 49.3
 132 27.7 19.9 29.9

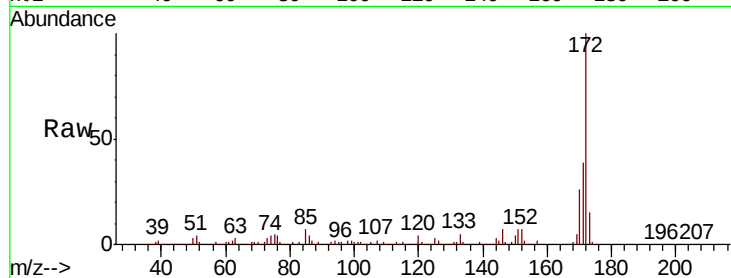




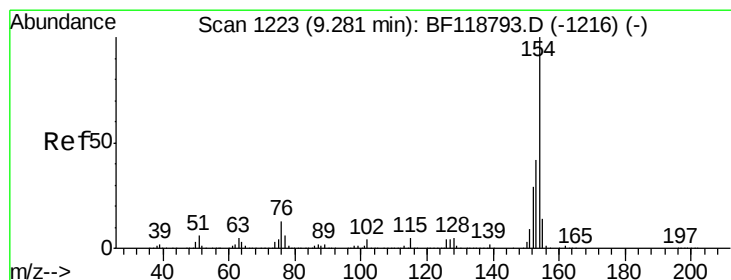
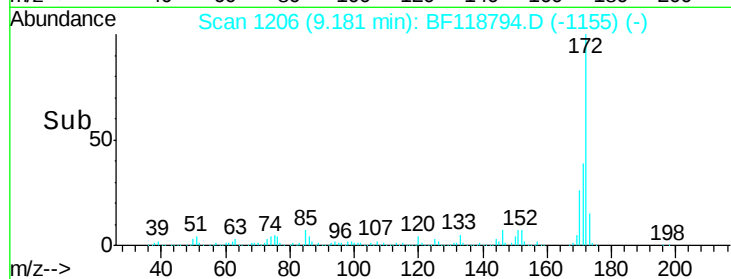
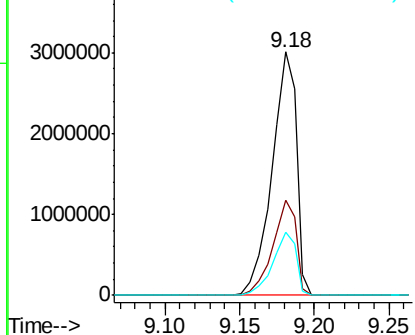
#45
2-Fluorobiphenyl
Concen: 90.571 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:172 Resp: 3427469
Ion Ratio Lower Upper
172 100
171 39.3 30.8 46.2
170 26.0 20.5 30.7

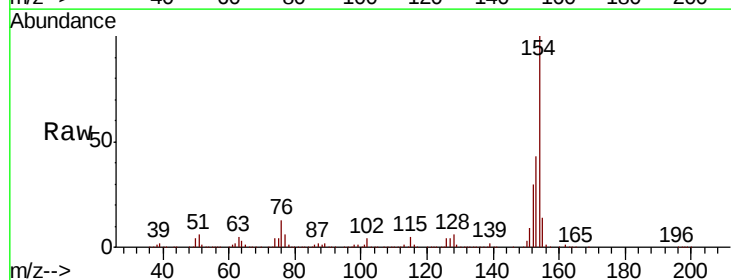


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

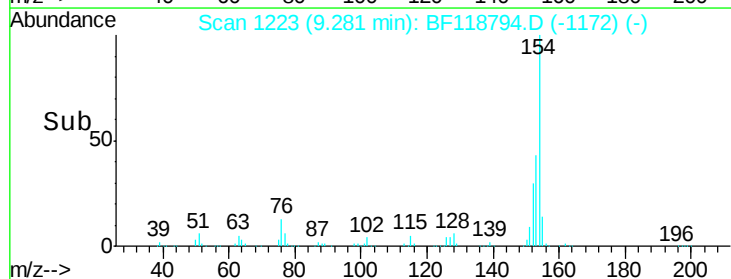
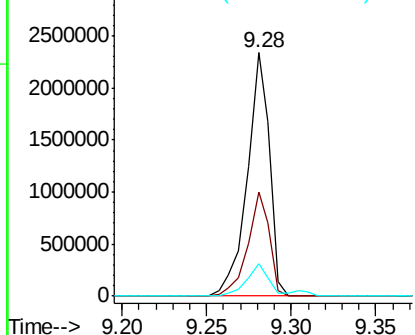


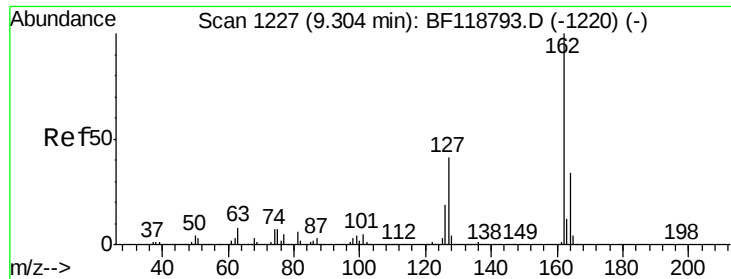
#46
1,1'-Biphenyl
Concen: 50.119 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:154 Resp: 2148476
Ion Ratio Lower Upper
154 100
153 43.0 22.4 62.4
76 13.1 0.0 32.7



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

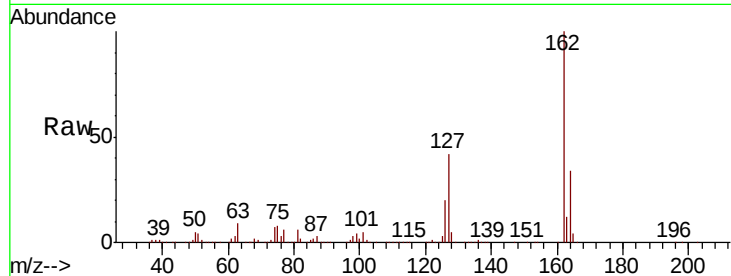




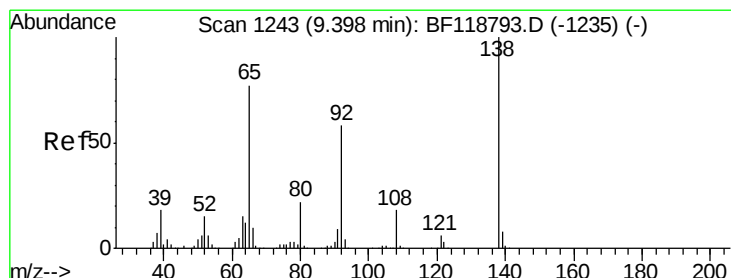
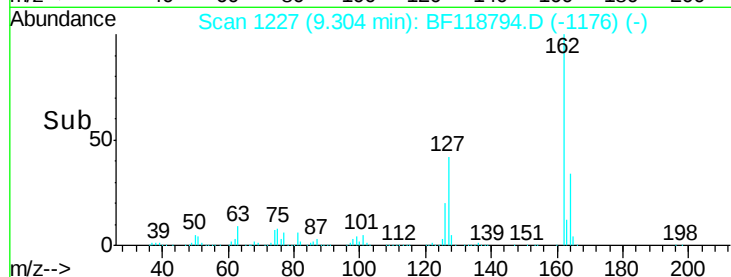
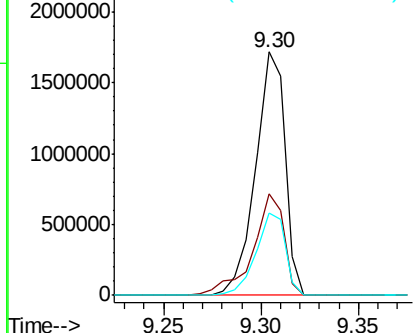
#47
2-Chloronaphthalene
Concen: 50.053 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:162 Resp: 1808529
Ion Ratio Lower Upper
162 100
127 41.9 33.3 49.9
164 33.7 27.1 40.7

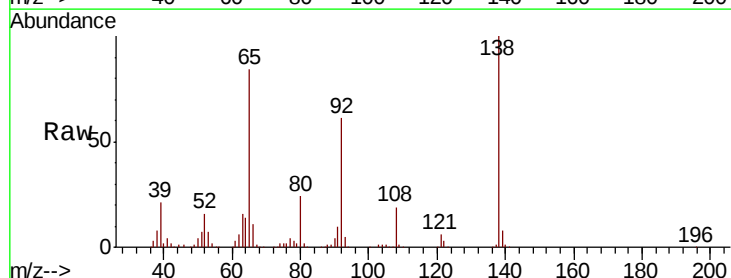


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

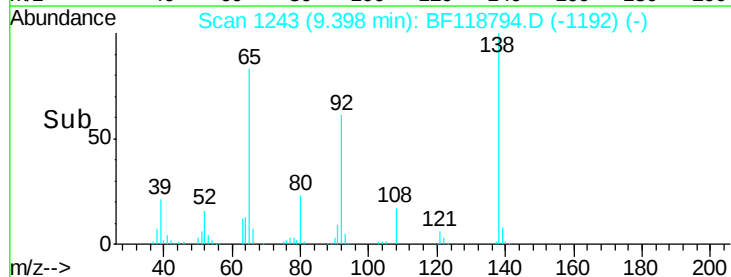
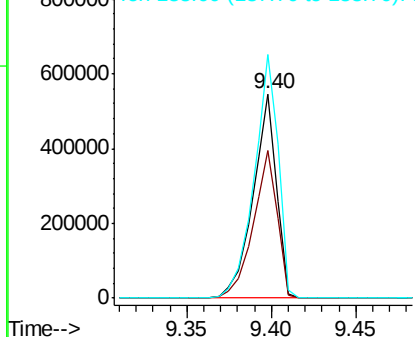


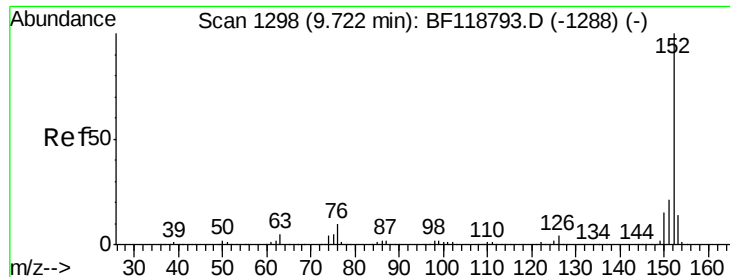
#48
2-Nitroaniline
Concen: 47.633 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 65 Resp: 529060
Ion Ratio Lower Upper
65 100
92 72.4 60.6 91.0
138 119.3 104.6 156.8



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





#49

Acenaphthylene

Concen: 51.004 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

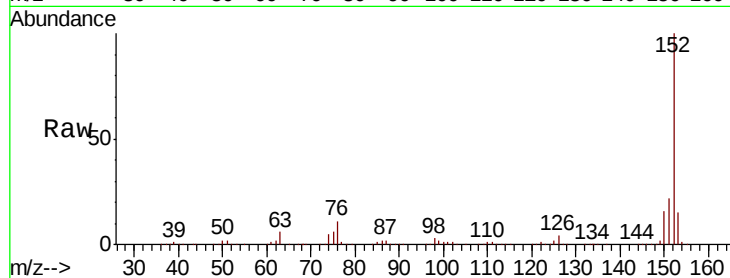
Tot Ion:152 Resp: 2592561

Ion Ratio Lower Upper

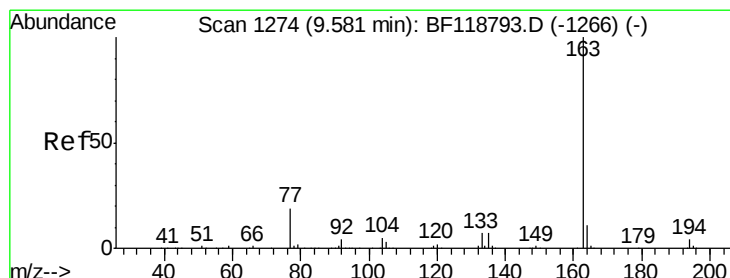
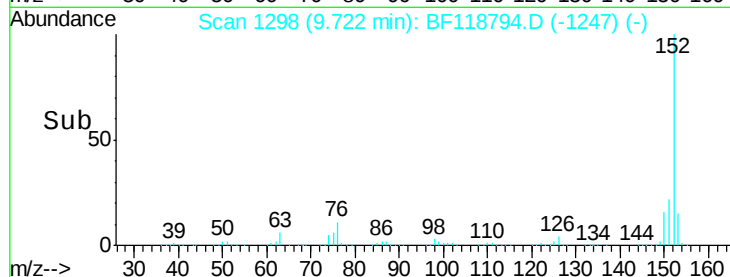
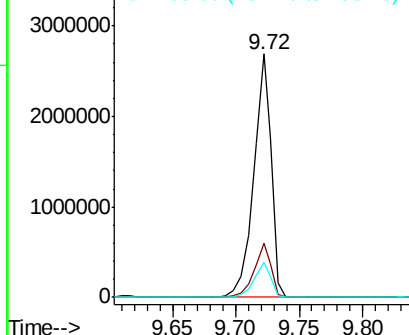
152 100

151 22.2 17.1 25.7

153 14.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.804 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

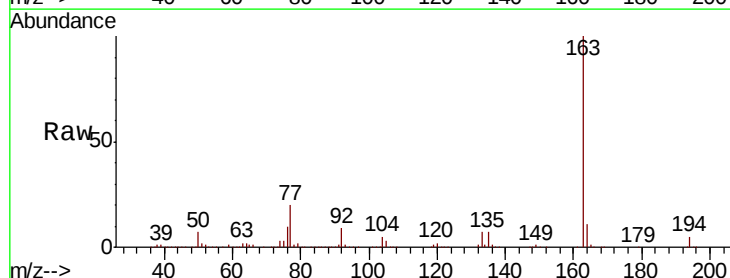
Tgt Ion:163 Resp: 2099313

Ion Ratio Lower Upper

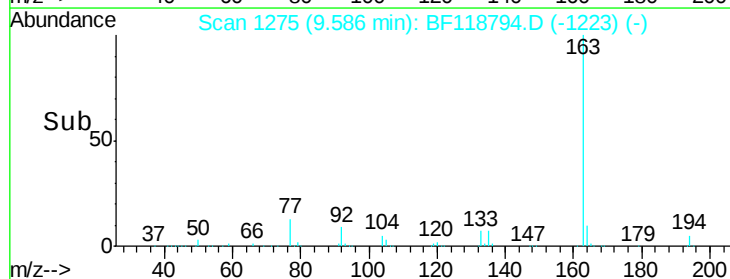
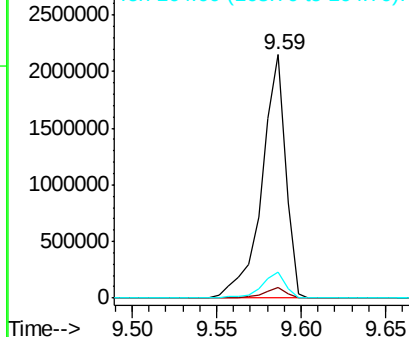
163 100

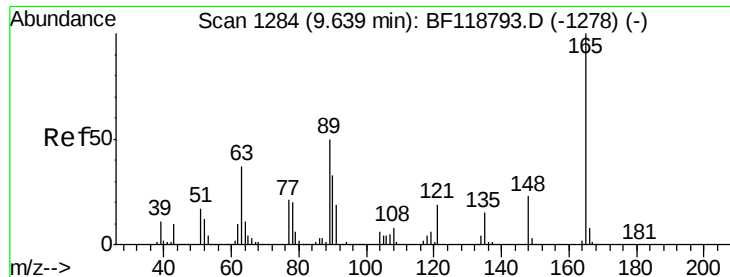
194 4.6 3.6 5.4

164 10.8 8.7 13.1



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

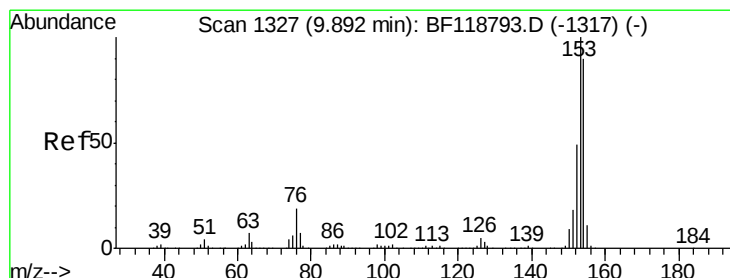
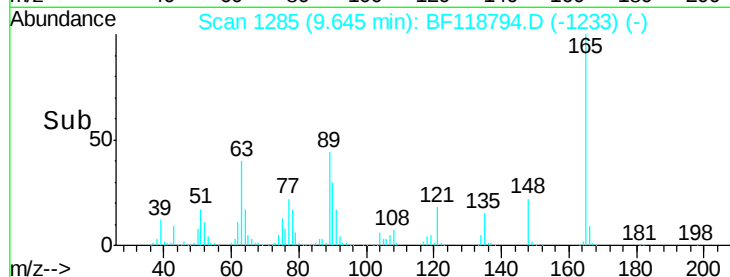
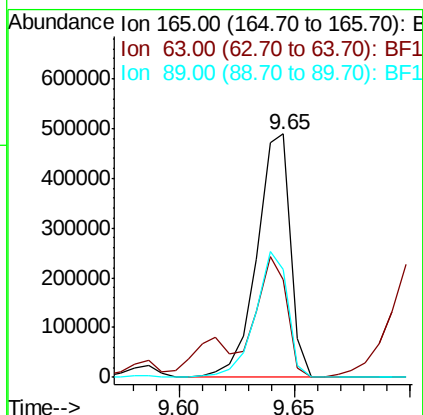
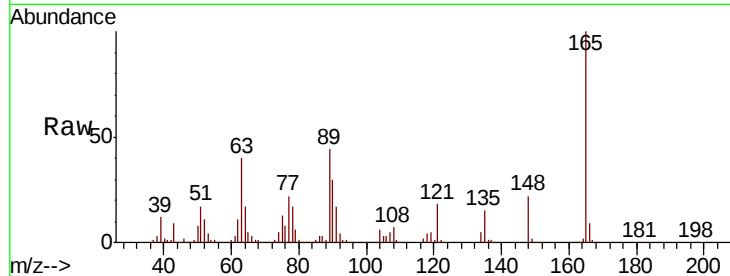




#51
 2,6-Dinitrotoluene
 Concen: 54.516 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

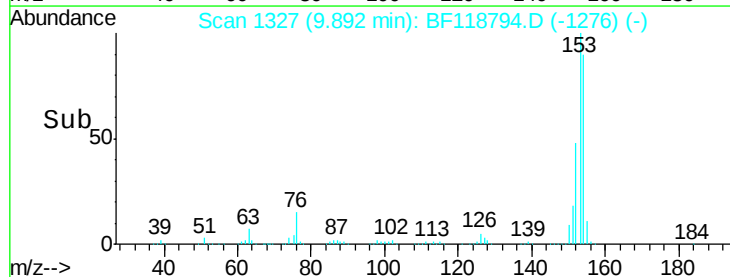
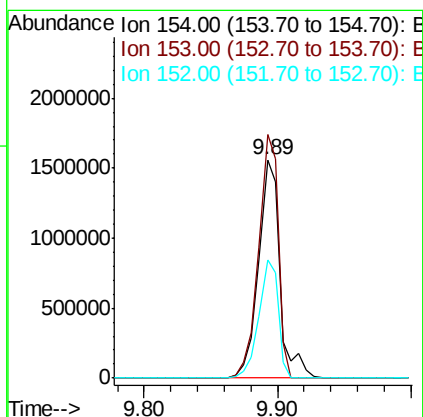
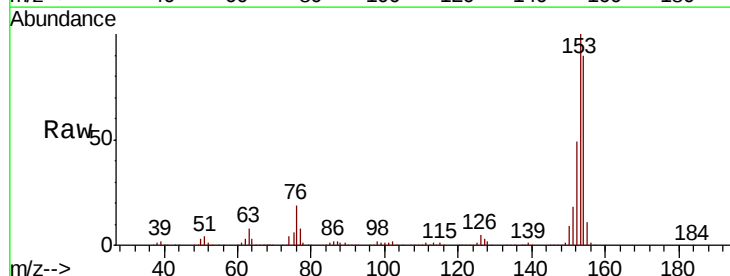
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

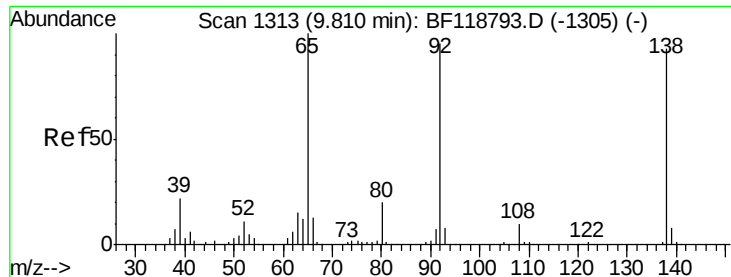
Tot Ion:165 Resp: 494697
 Ion Ratio Lower Upper
 165 100
 63 40.3 37.4 56.0
 89 44.4 39.7 59.5



#52
 Acenaphthene
 Concen: 50.403 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:154 Resp: 1713147
 Ion Ratio Lower Upper
 154 100
 153 111.5 89.4 134.0
 152 54.2 43.6 65.4

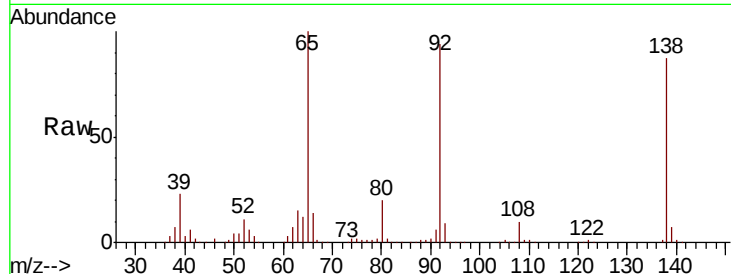




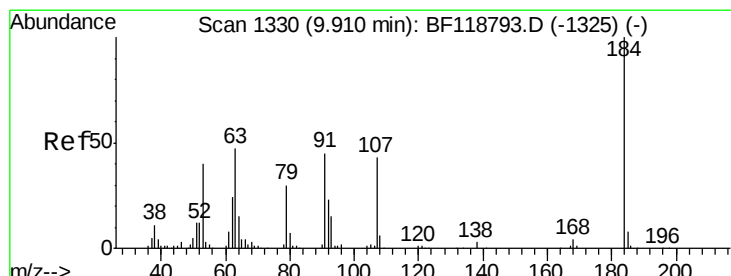
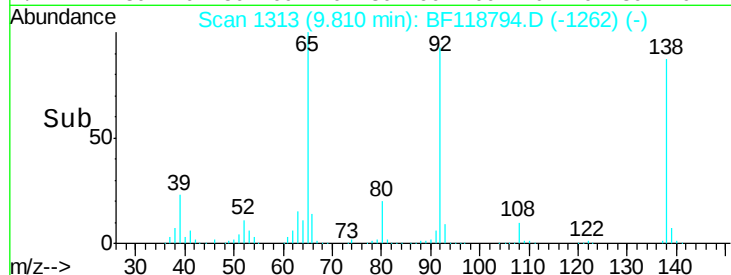
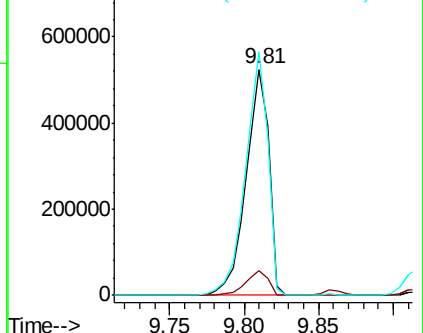
#53
3-Nitroaniline
Concen: 53.481 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:138 Resp: 554159
Ion Ratio Lower Upper
138 100
108 11.1 8.5 12.7
92 107.8 82.2 123.4

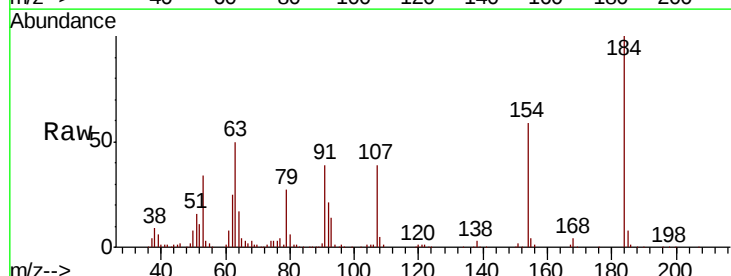


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

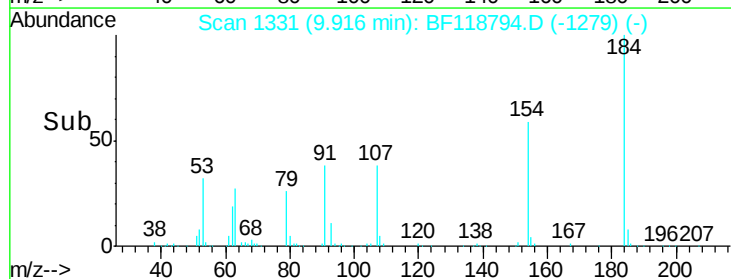
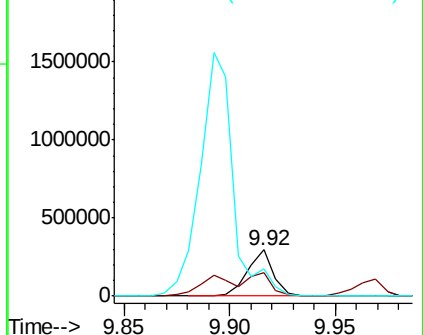


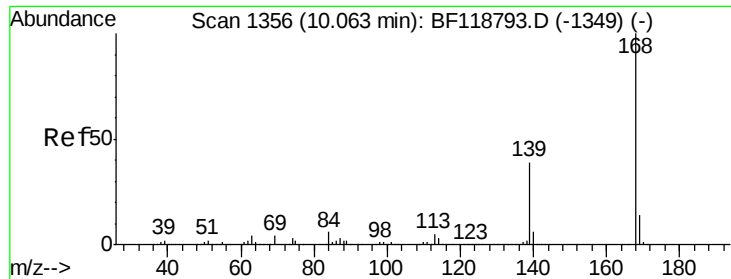
#54
2,4-Dinitrophenol
Concen: 70.336 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:184 Resp: 254807
Ion Ratio Lower Upper
184 100
63 50.1 47.5 71.3
154 59.0 48.6 72.8



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

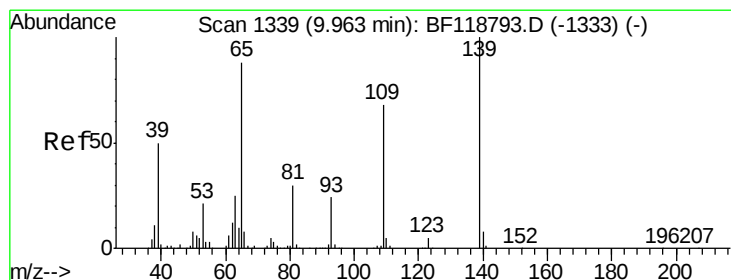
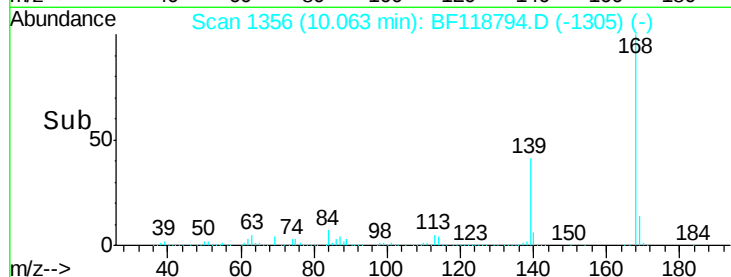
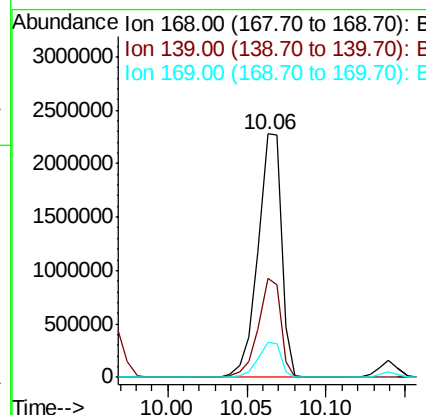
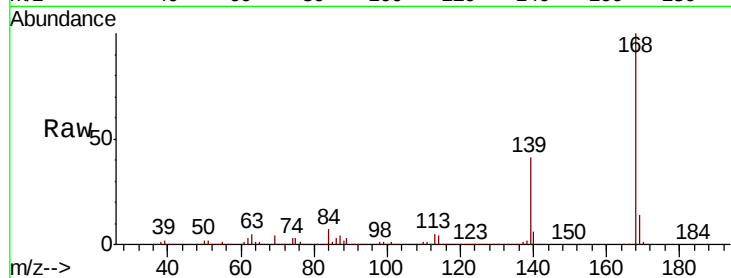




#55
Dibenzofuran
Concen: 50.309 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

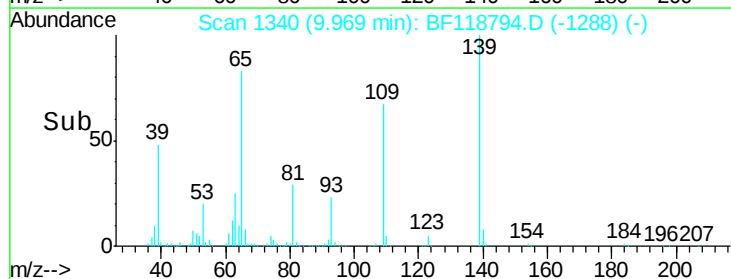
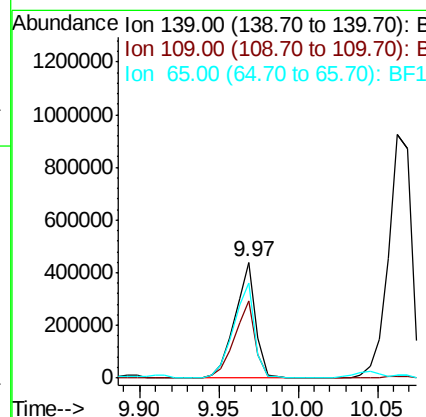
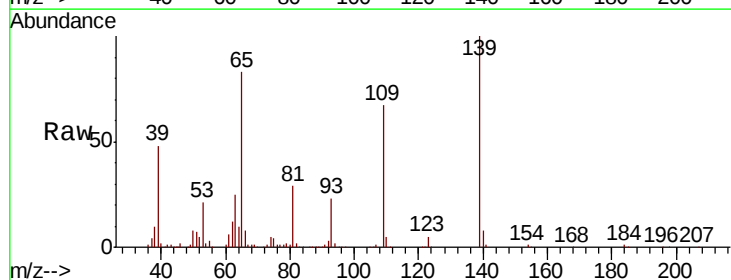
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

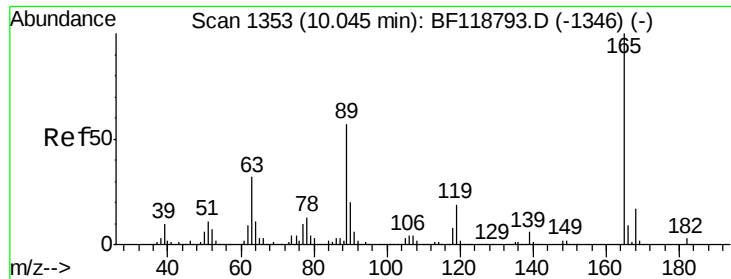
Tot Ion:168 Resp: 2369705
Ion Ratio Lower Upper
168 100
139 40.6 31.6 47.4
169 14.4 11.4 17.2



#56
4-Nitrophenol
Concen: 51.816 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:139 Resp: 405315
Ion Ratio Lower Upper
139 100
109 66.6 48.0 88.0
65 82.8 68.3 108.3





#57

2,4-Dinitrotoluene

Concen: 57.430 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:165 Resp: 656973

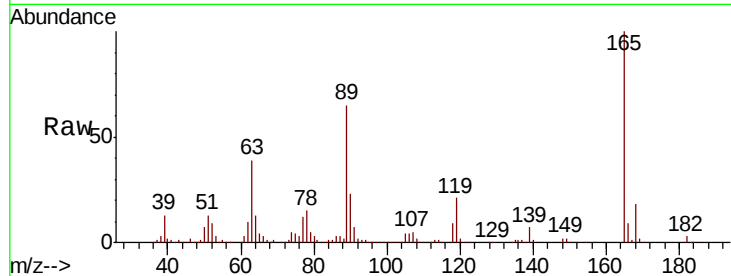
Ion Ratio Lower Upper

165 100

63 38.5 25.5 38.3#

89 64.5 45.4 68.0

182 3.1 2.4 3.6

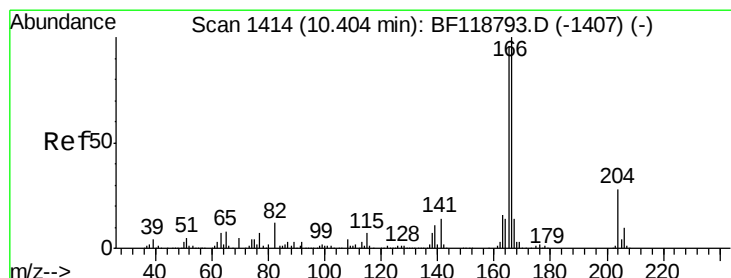
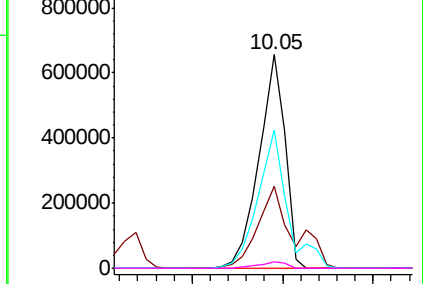
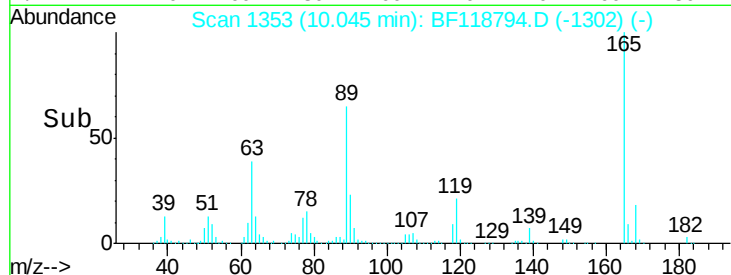


Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.385 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

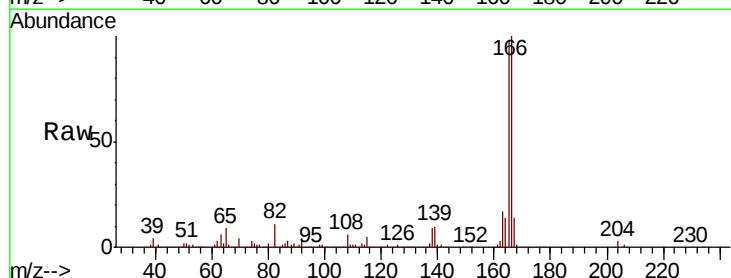
Tgt Ion:166 Resp: 1752182

Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.6

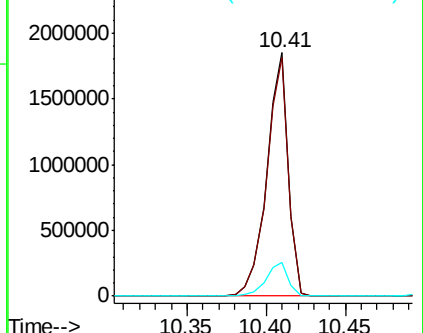
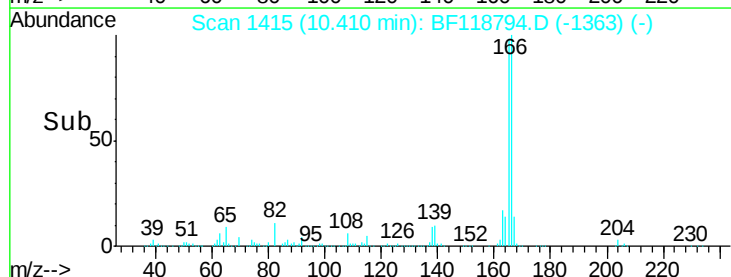
167 14.0 11.1 16.7

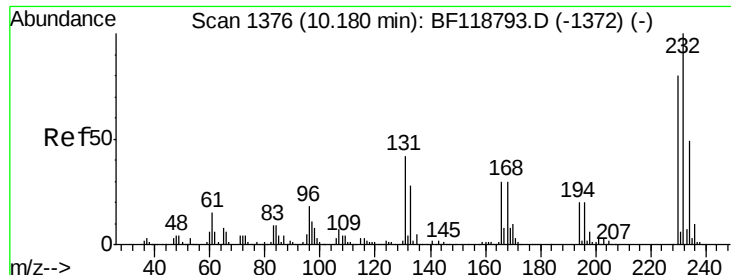


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

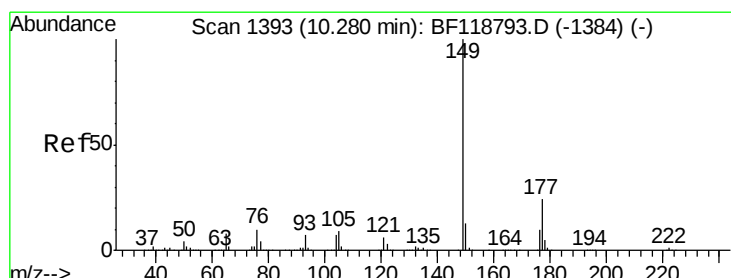
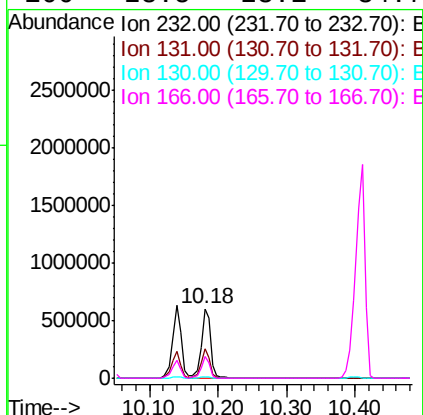
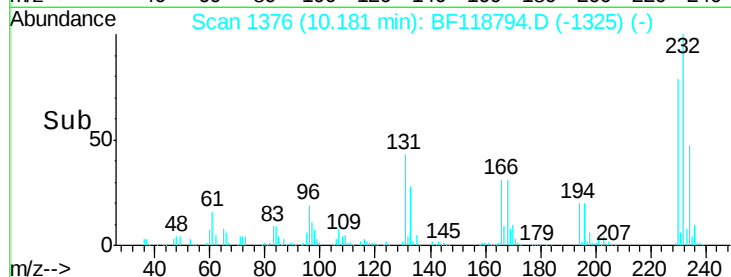
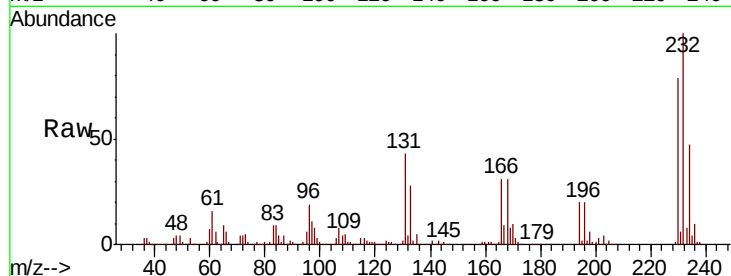




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.565 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

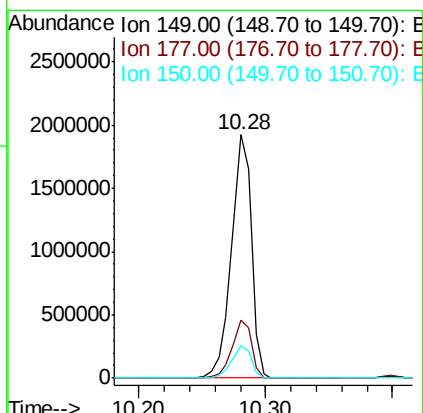
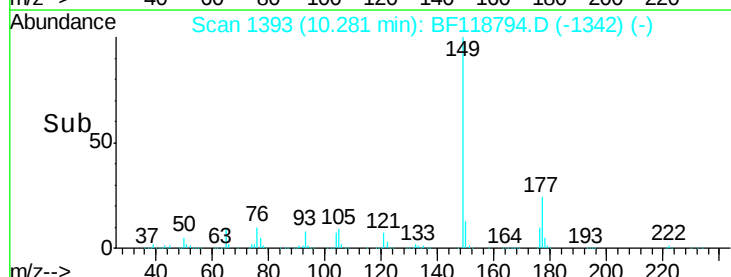
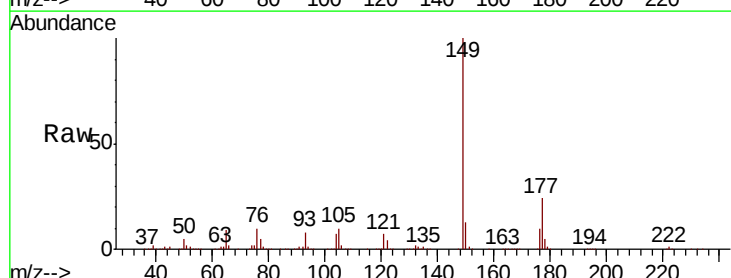
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

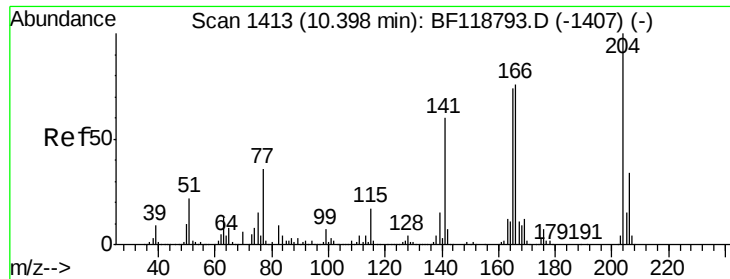
Tot Ion:	232	Resp:	586605
Ion	Ratio	Lower	Upper
232	100		
131	39.2	31.8	47.6
130	2.0	1.6	2.4
166	28.5	23.1	34.7



#60
 Diethylphthalate
 Concen: 52.707 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:	149	Resp:	2070877
Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.3	28.9
150	13.3	10.4	15.6

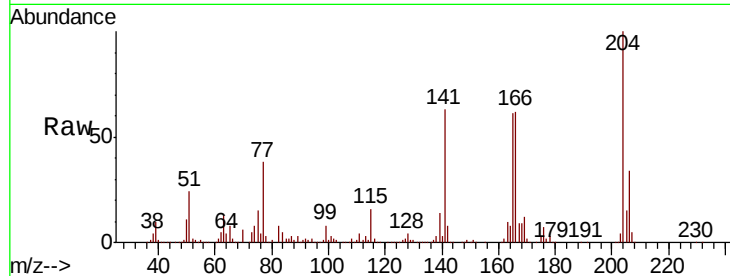




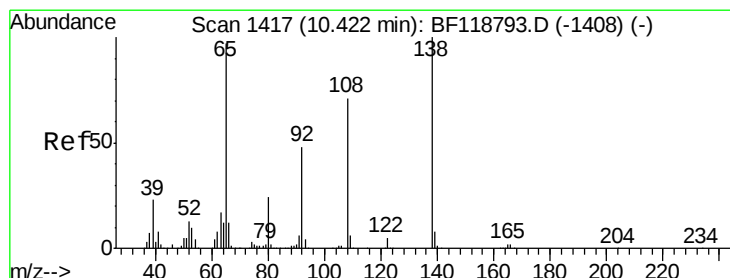
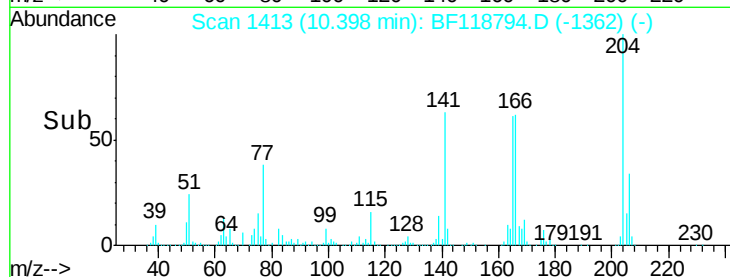
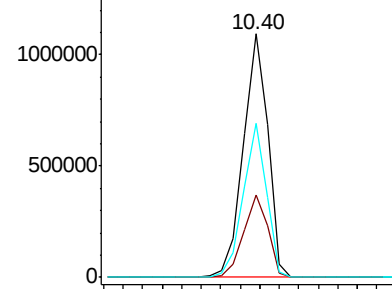
#61
4-Chlorophenyl-phenylether
Concen: 47.447 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:204 Resp: 954228
Ion Ratio Lower Upper
204 100
206 33.9 27.4 41.2
141 63.0 47.8 71.6

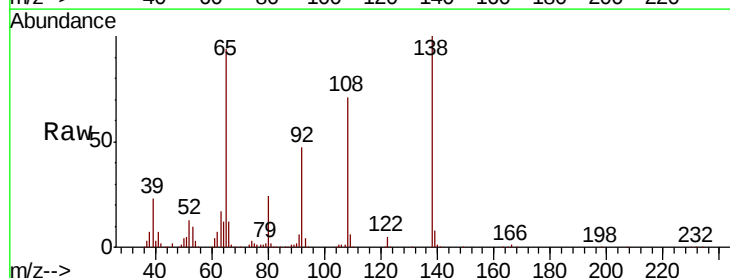


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

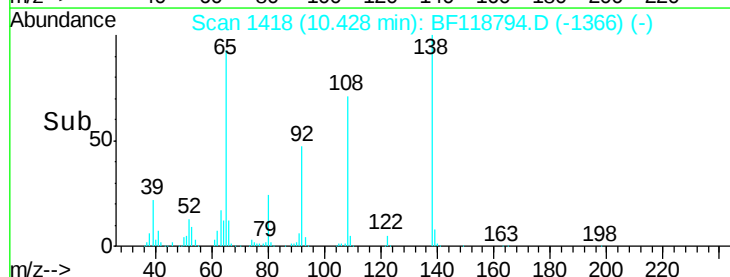
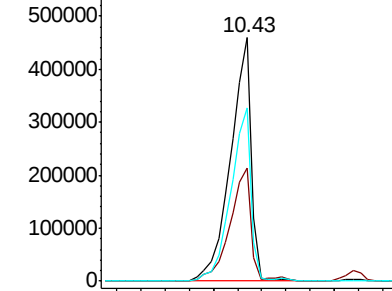


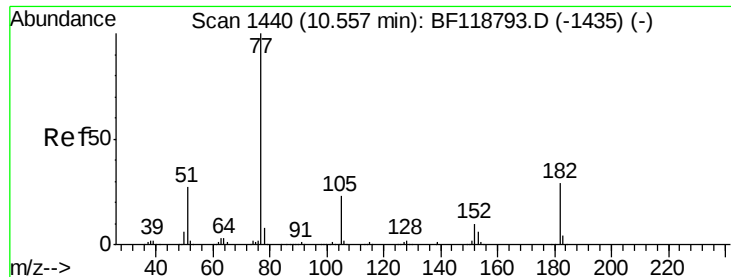
#62
4-Nitroaniline
Concen: 51.737 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:138 Resp: 549891
Ion Ratio Lower Upper
138 100
92 46.6 27.6 67.6
108 71.1 51.3 91.3



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

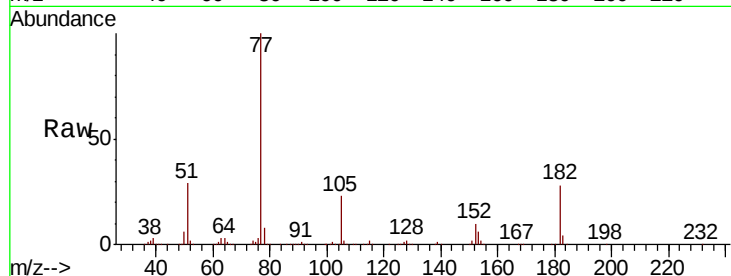




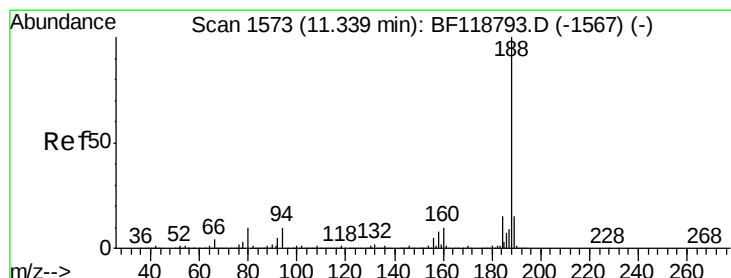
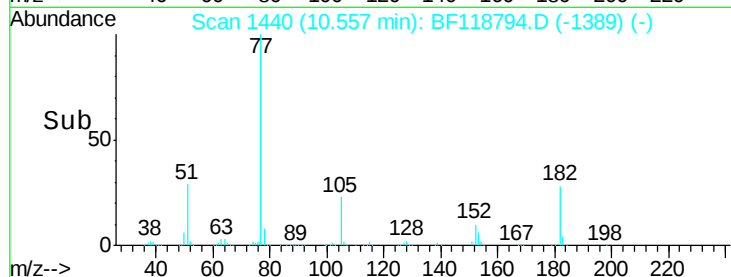
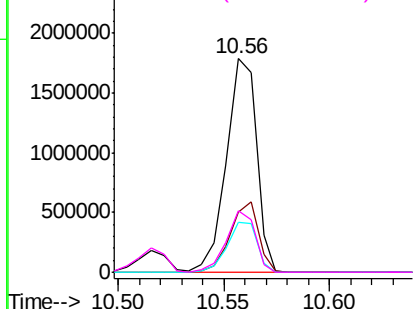
#63
Azobenzene
Concen: 46.095 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion: 77 Resp: 1754007
Ion Ratio Lower Upper
77 100
182 28.3 9.2 49.2
105 23.2 3.1 43.1
51 28.7 7.4 47.4

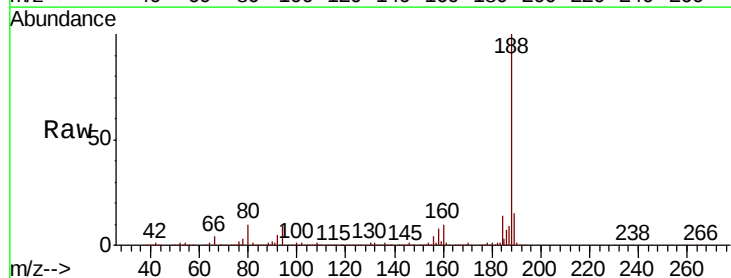


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

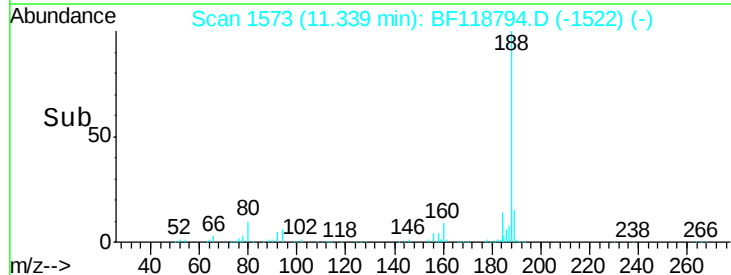
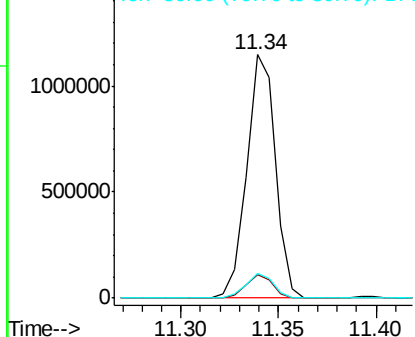


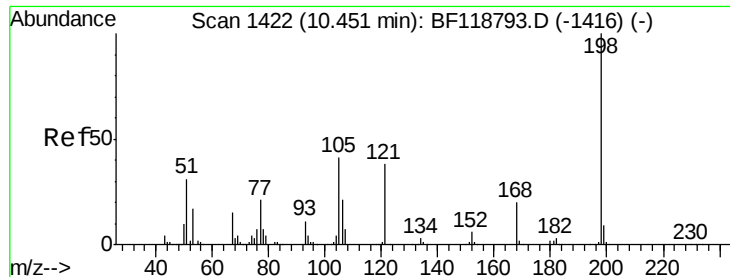
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion: 188 Resp: 1167102
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 8.4 12.6



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: 68.049 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

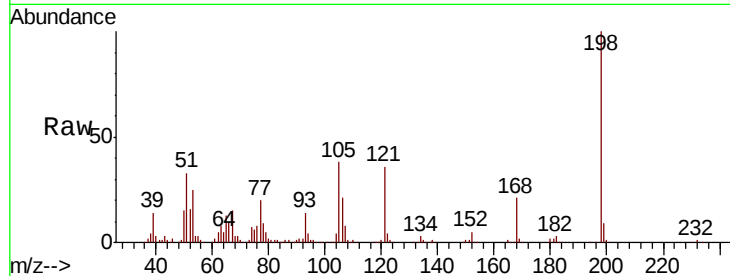
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:198 Resp: 349228

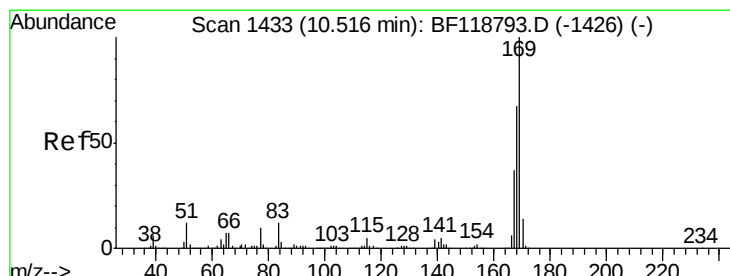
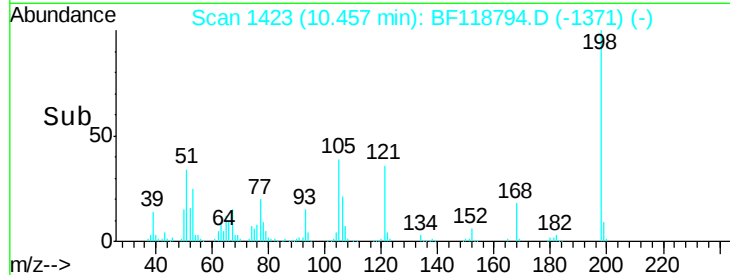
Ion	Ratio	Lower	Upper
198	100		
51	33.3	16.7	56.7
105	38.4	22.0	62.0



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: 48.422 ng

RT: 10.52 min Scan# 1433

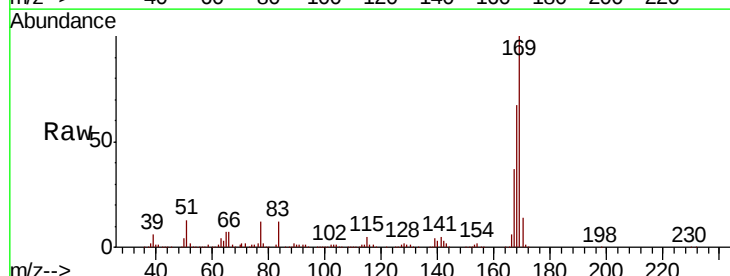
Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Tgt Ion:169 Resp: 1704295

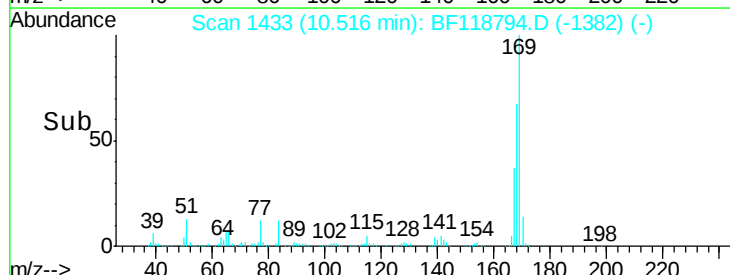
Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.5	80.3
167	37.2	29.3	43.9

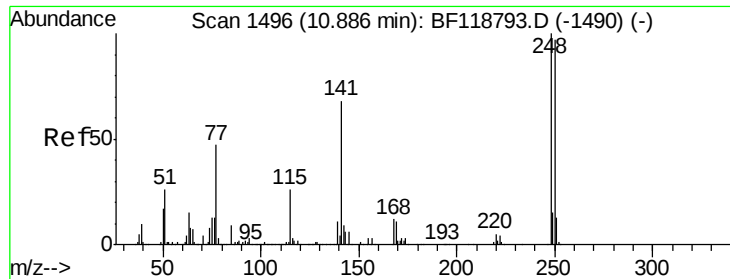


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

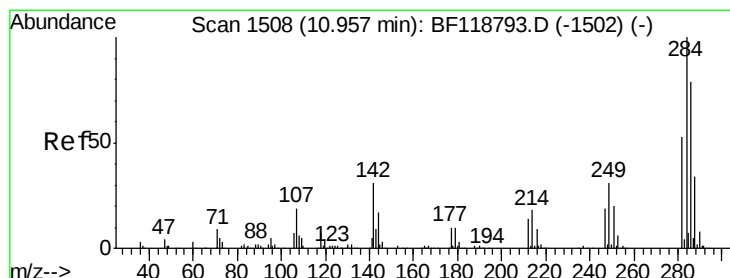
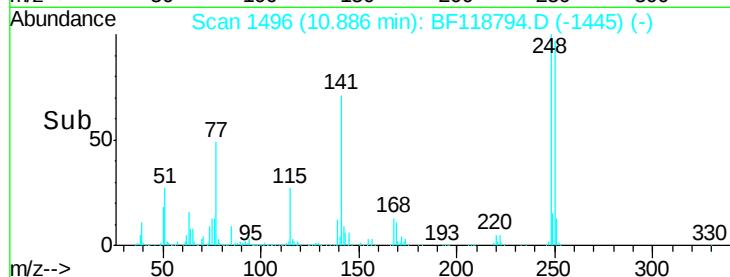
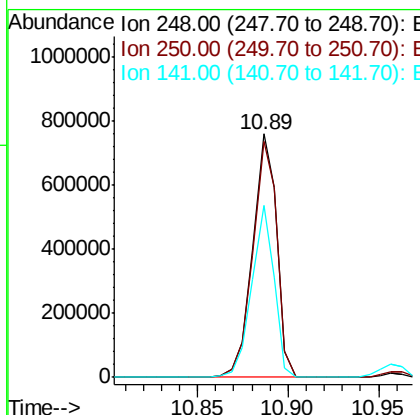
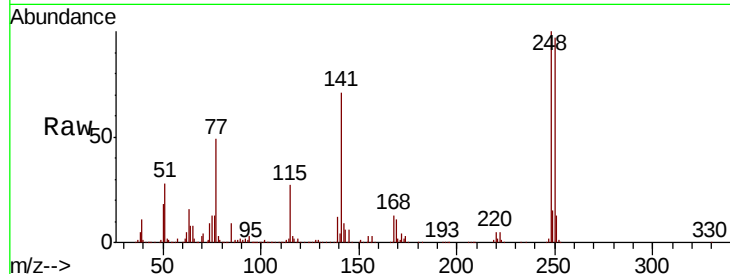




#67
4-Bromophenyl-phenylether
Concen: 48.121 ng
RT: 10.89 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

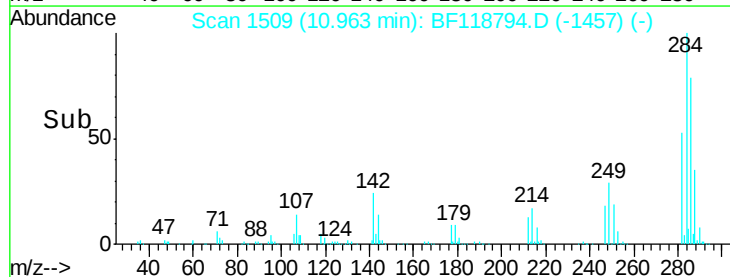
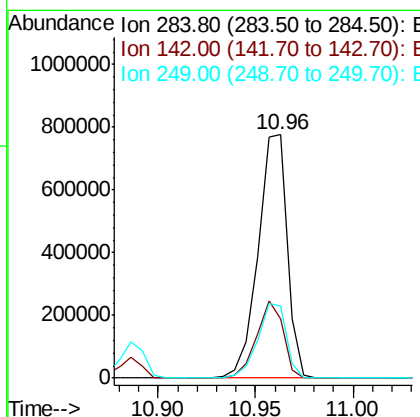
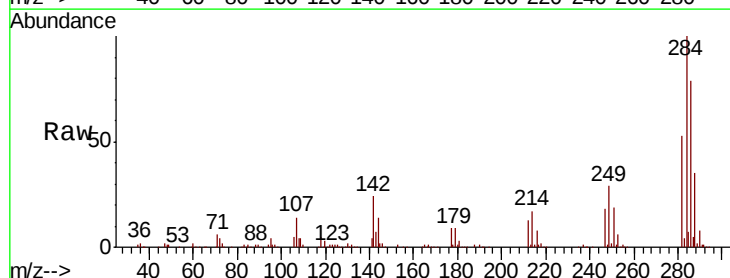
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

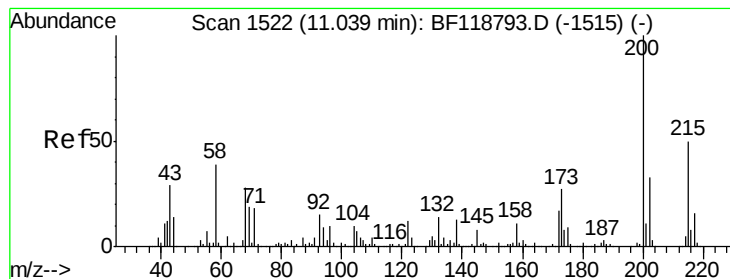
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.6	116.4
141	70.6	54.4	81.6



#68
Hexachlorobenzene
Concen: 49.128 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.1	24.5	36.7#
249	29.4	24.7	37.1





#69

Atrazine

Concen: 44.368 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

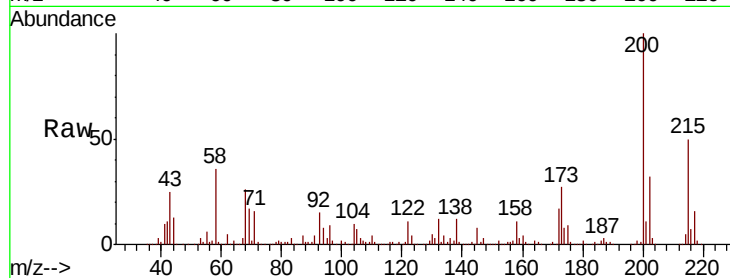
Tot Ion:200 Resp: 541267

Ion Ratio Lower Upper

200 100

173 26.7 7.5 47.5

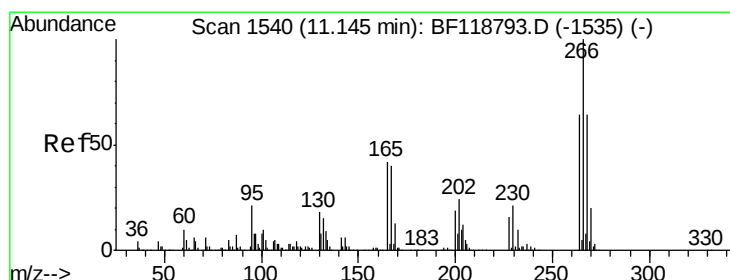
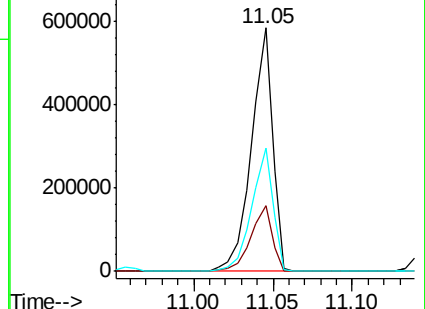
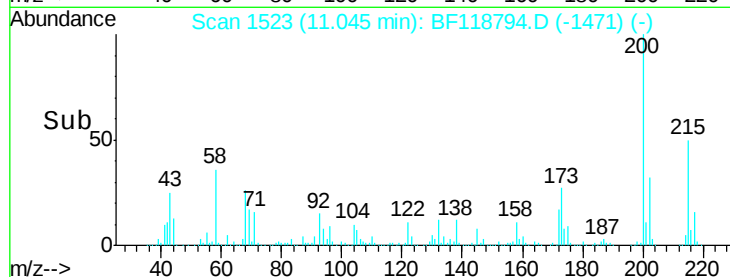
215 50.4 29.9 69.9



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: 48.012 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

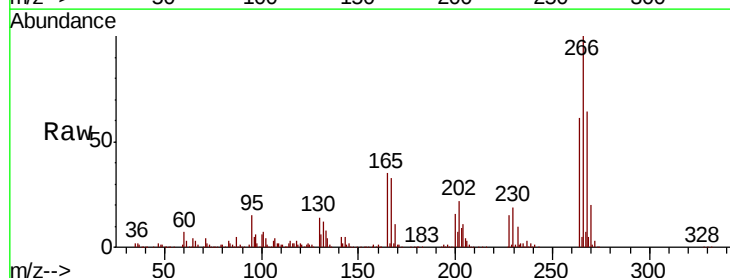
Tgt Ion:266 Resp: 436377

Ion Ratio Lower Upper

266 100

268 63.6 51.0 76.6

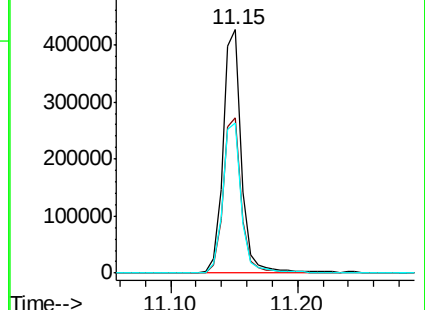
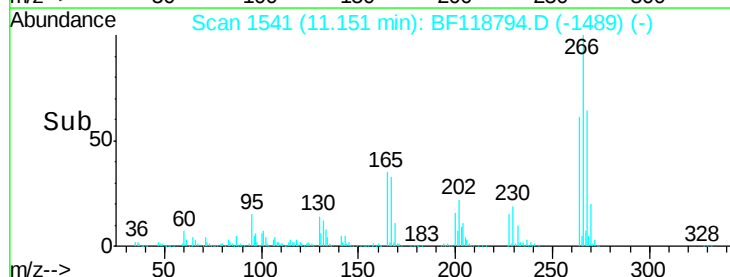
264 61.5 51.4 77.2

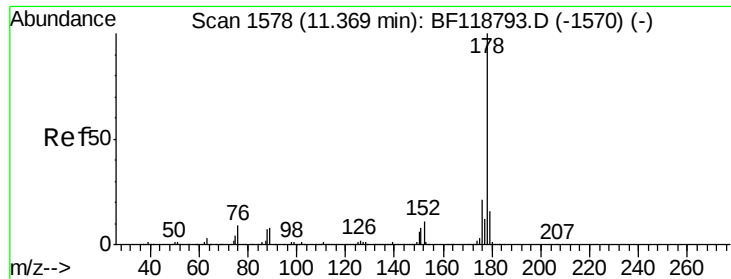


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

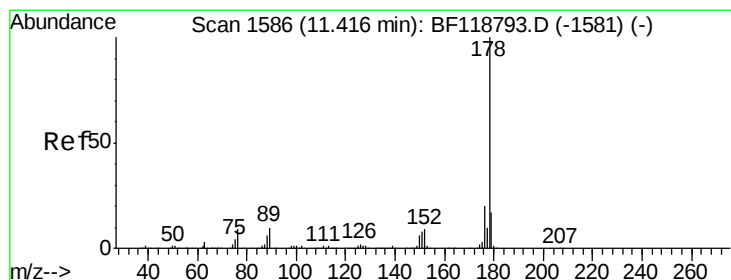
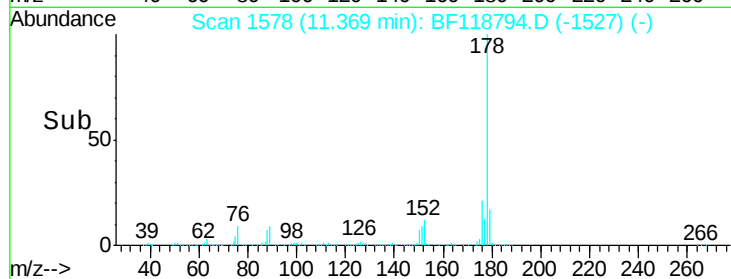
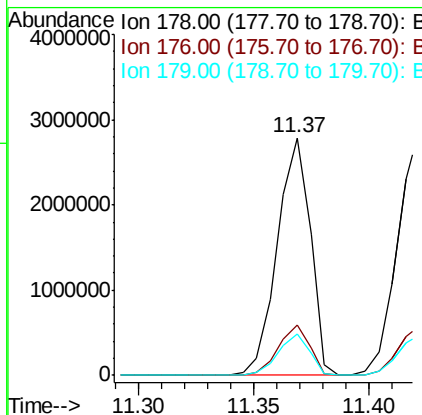
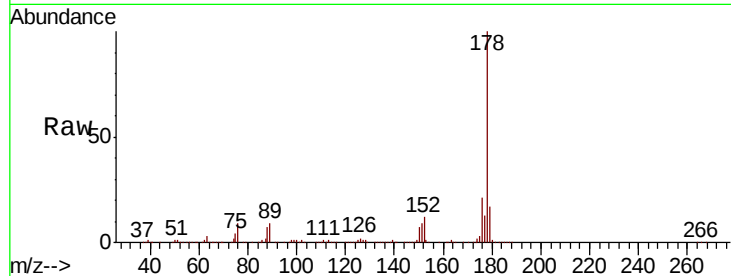




#71
Phenanthrene
Concen: 49.183 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

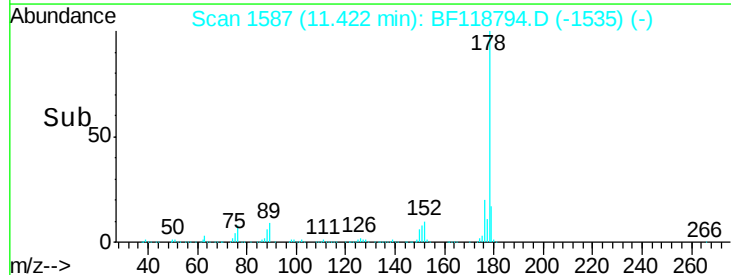
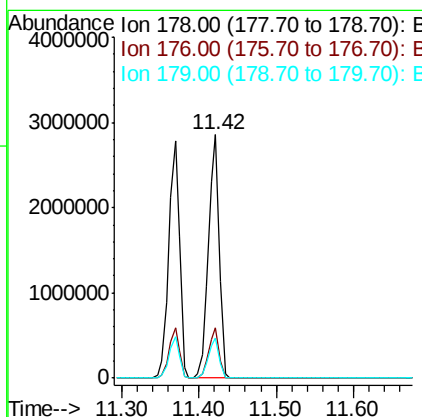
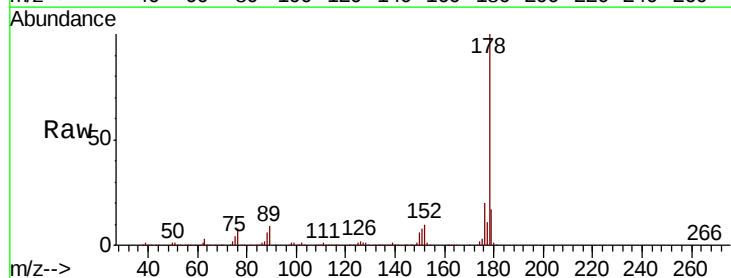
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

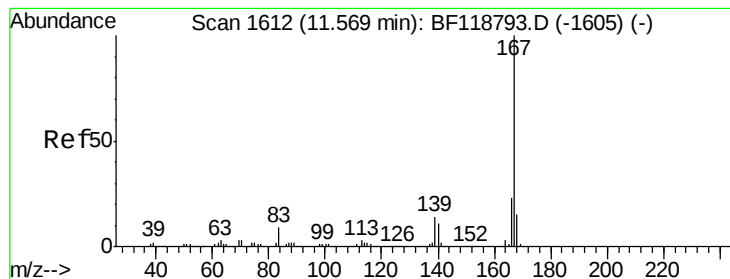
Tot Ion:178 Resp: 2769303
Ion Ratio Lower Upper
178 100
176 21.1 16.6 24.8
179 17.2 13.2 19.8



#72
Anthracene
Concen: 49.384 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:178 Resp: 2751385
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 16.7 13.4 20.2





#73

Carbazole

Concen: 49.651 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

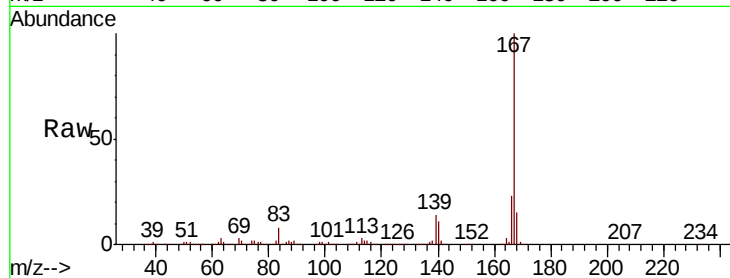
Tot Ion:167 Resp: 2537343

Ion Ratio Lower Upper

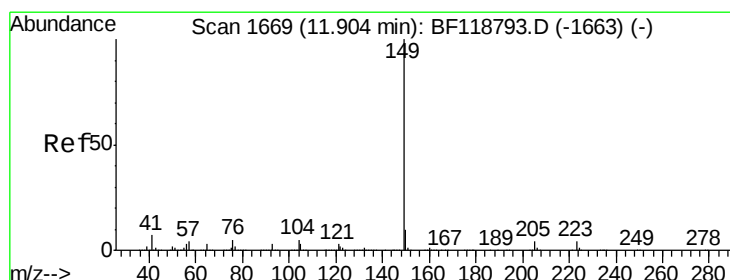
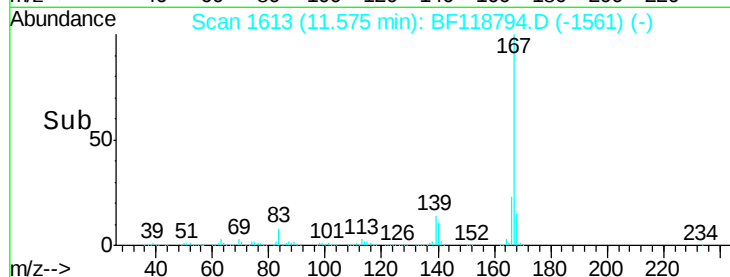
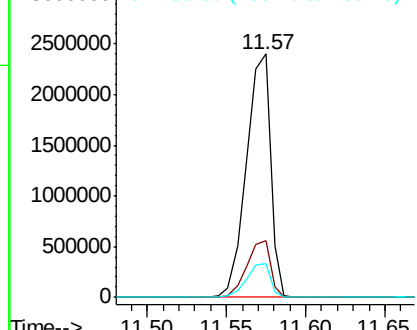
167 100

166 23.2 18.4 27.6

139 13.7 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 53.955 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

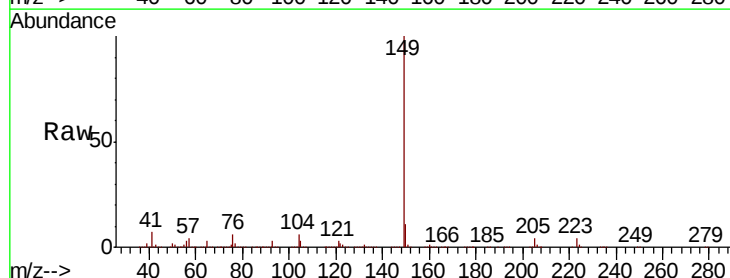
Tgt Ion:149 Resp: 3063384

Ion Ratio Lower Upper

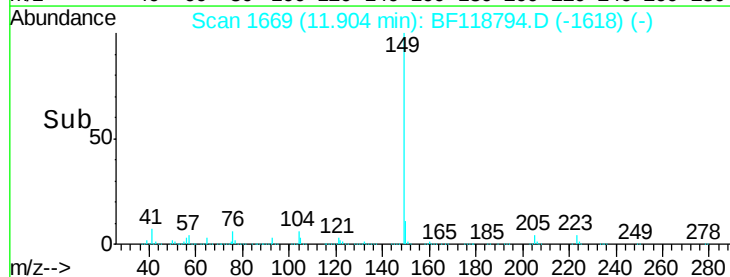
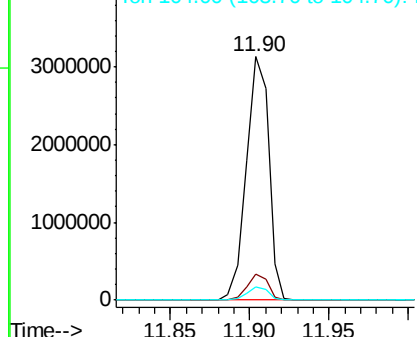
149 100

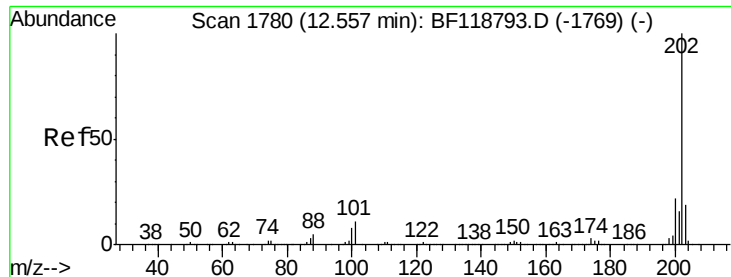
150 10.7 8.1 12.1

104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.181 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

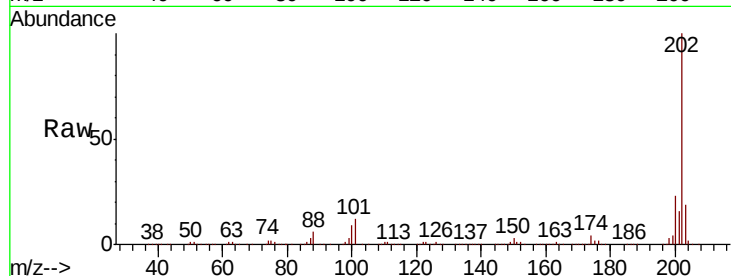
Tot Ion:202 Resp: 3039454

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.0

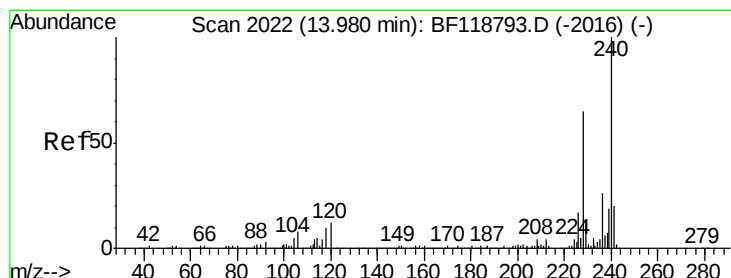
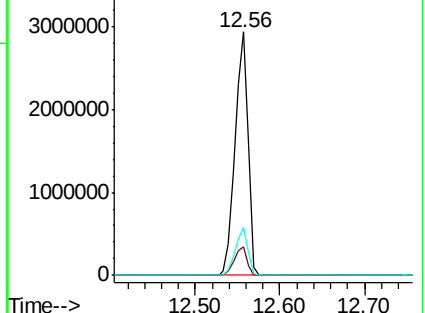
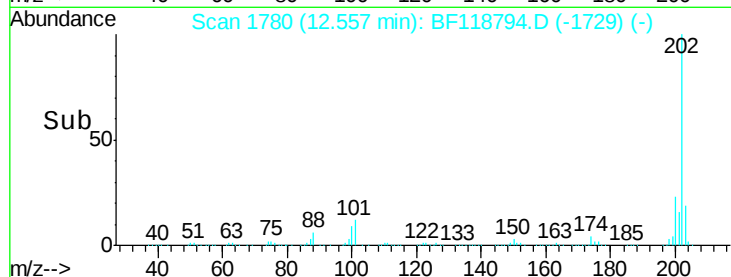
203 19.5 0.0 38.7



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: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

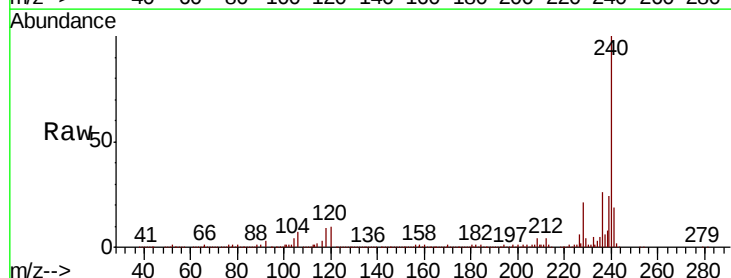
Tgt Ion:240 Resp: 912104

Ion Ratio Lower Upper

240 100

120 9.5 9.4 14.0

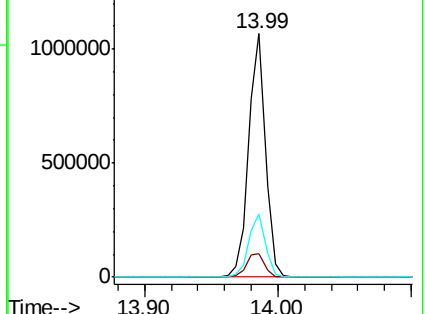
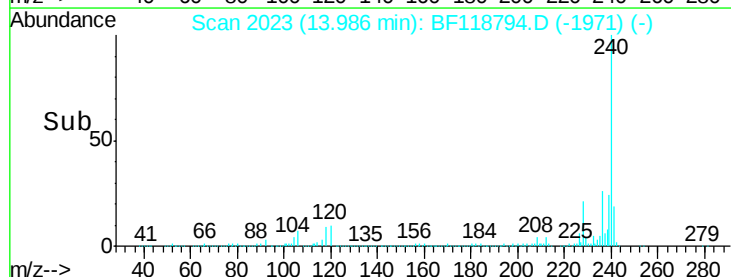
236 26.1 21.0 31.6

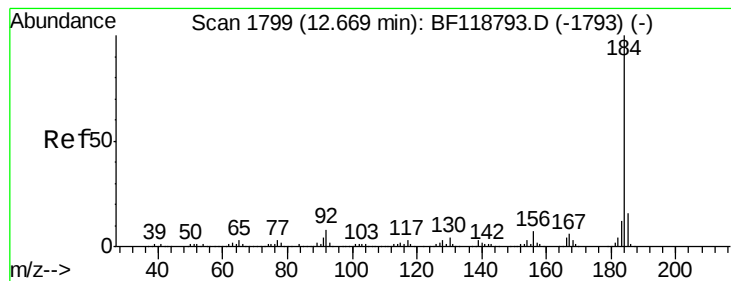


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.092 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

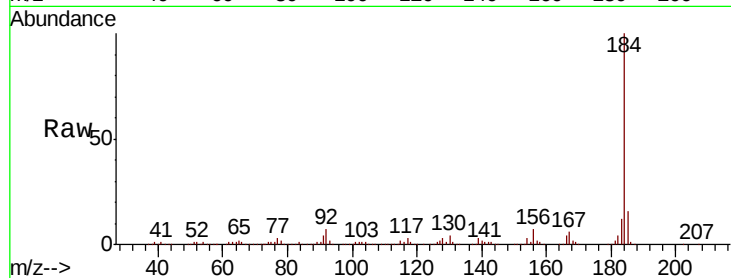
BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1342629

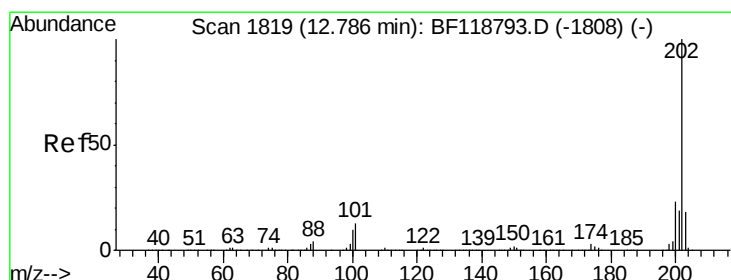
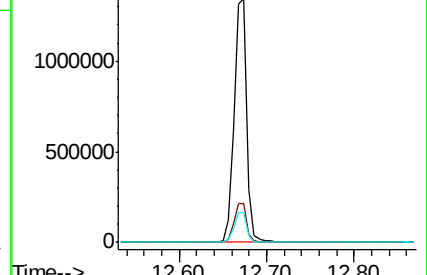
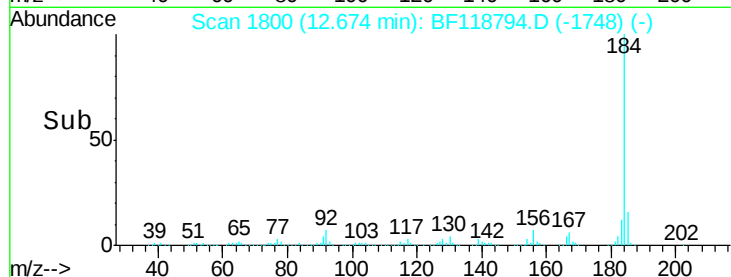
Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.5	18.7
183	12.4	9.7	14.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.999 ng

RT: 12.79 min Scan# 1819

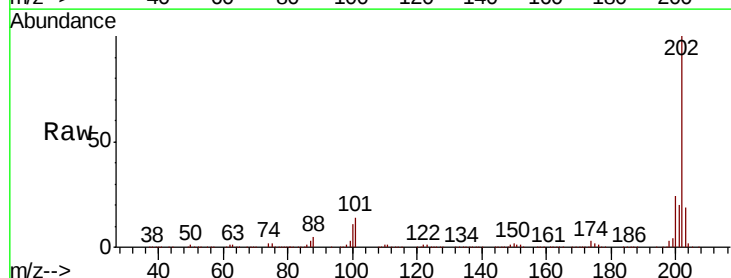
Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Tgt Ion:202 Resp: 3034216

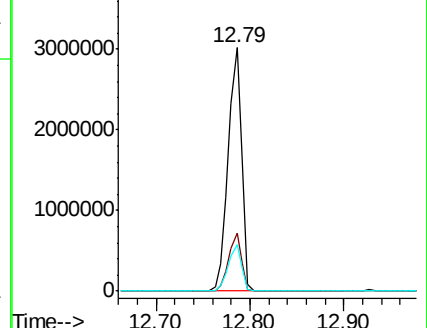
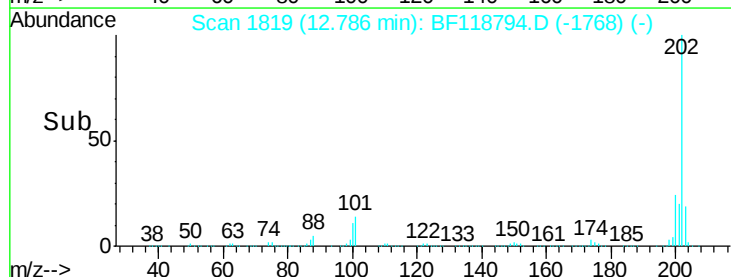
Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.2	27.2
203	19.3	14.8	22.2

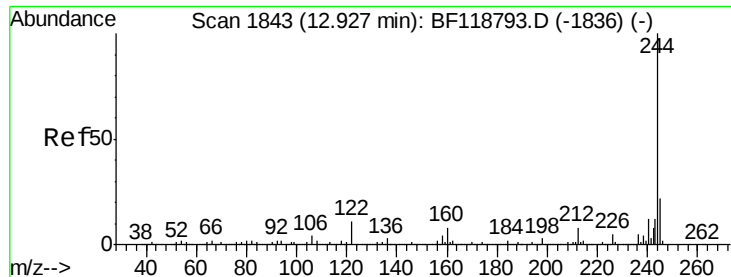


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.964 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

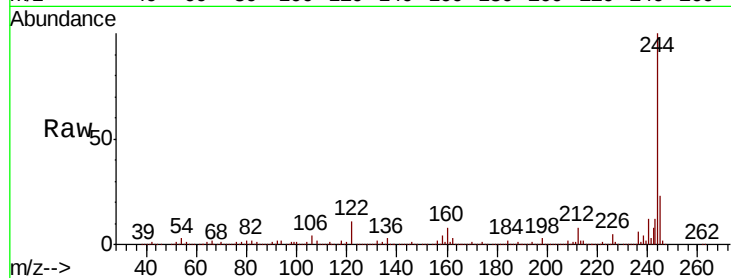
Tot Ion:244 Resp: 4180368

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

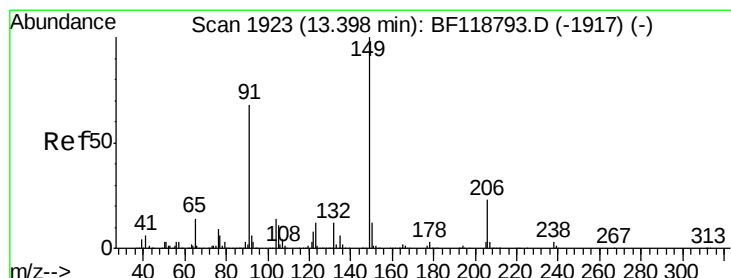
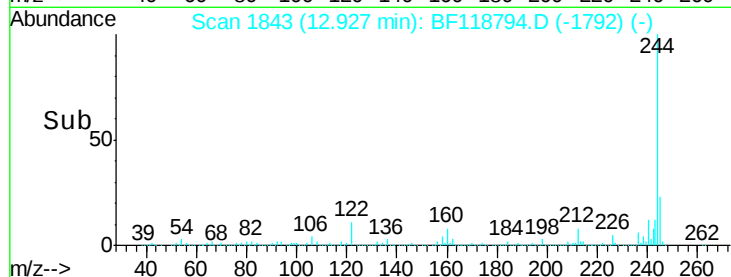
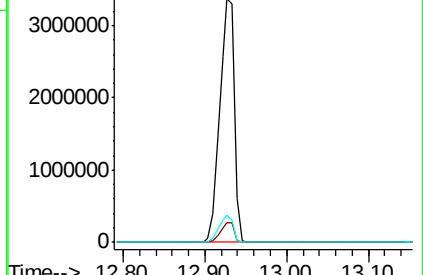
122 11.3 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.643 ng

RT: 13.40 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

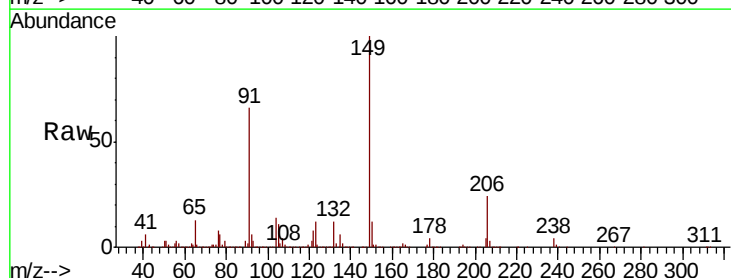
Tgt Ion:149 Resp: 1410155

Ion Ratio Lower Upper

149 100

91 65.8 54.7 82.1

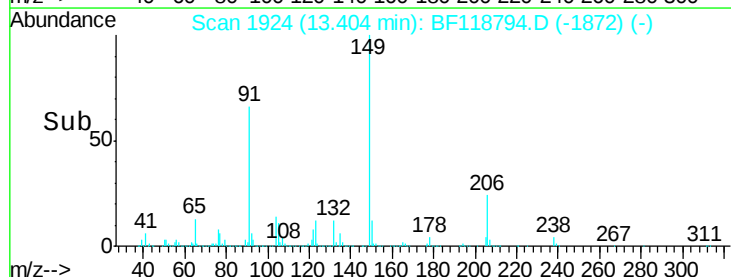
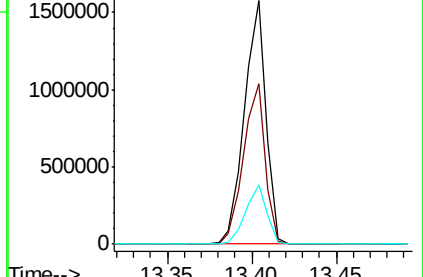
206 24.1 18.5 27.7

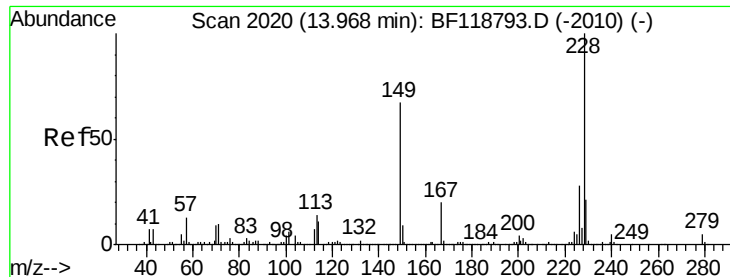


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

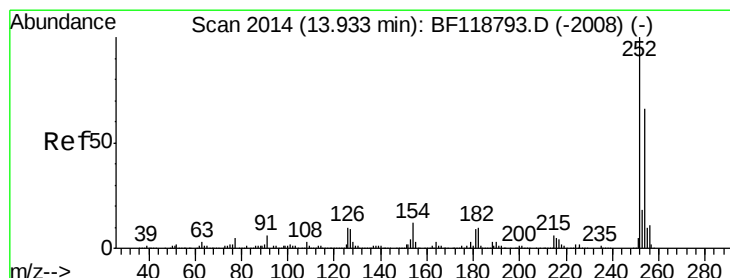
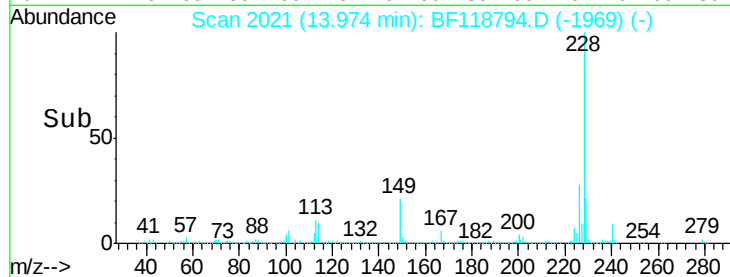
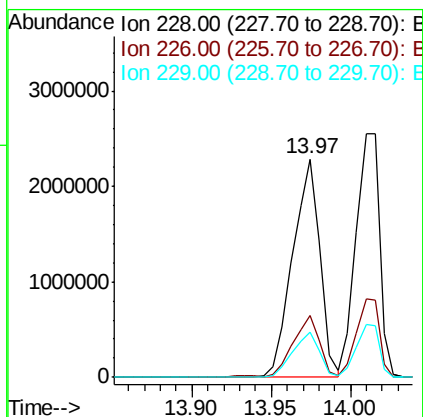
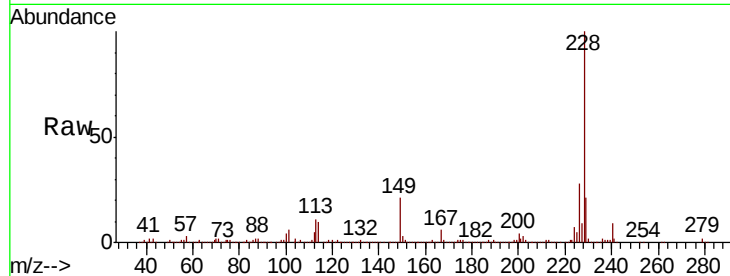




#81
Benzo(a)anthracene
Concen: 49.393 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

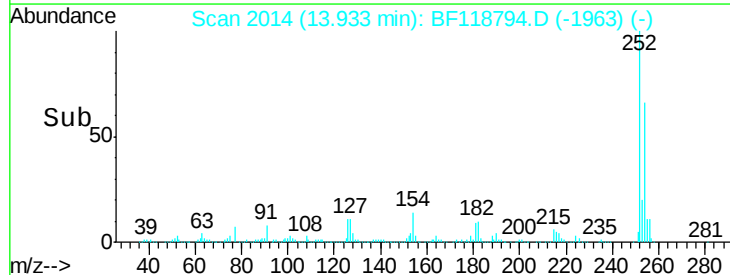
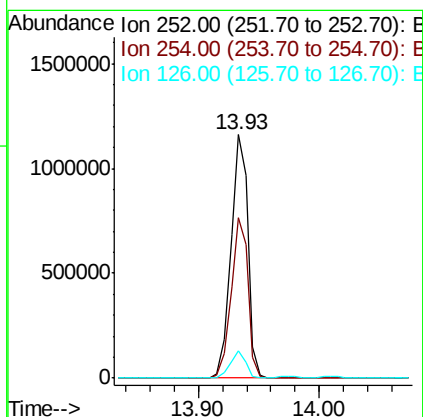
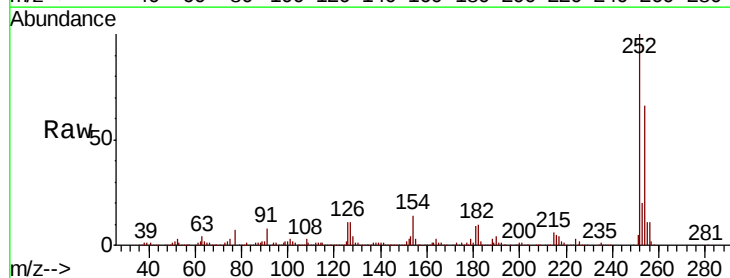
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

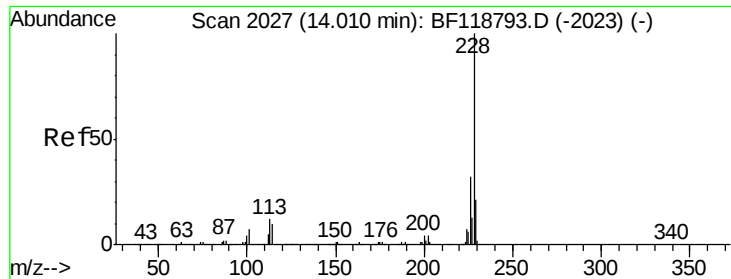
Tot Ion:228 Resp: 2710063
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.7 16.6 25.0



#82
3,3'-Dichlorobenzidine
Concen: 57.782 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:252 Resp: 1129703
Ion Ratio Lower Upper
252 100
254 66.1 52.4 78.6
126 11.1 7.8 11.8



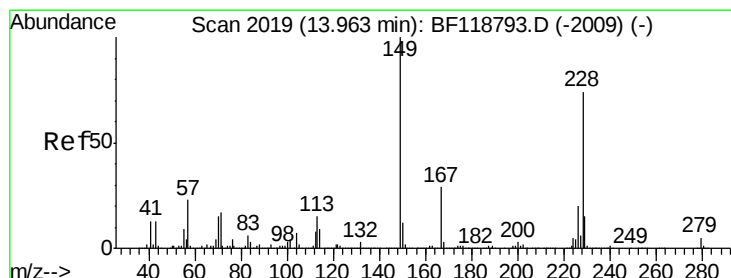
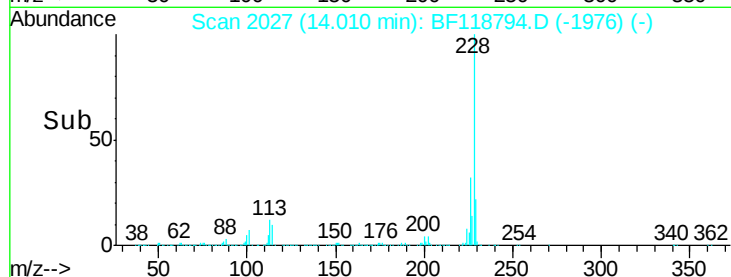
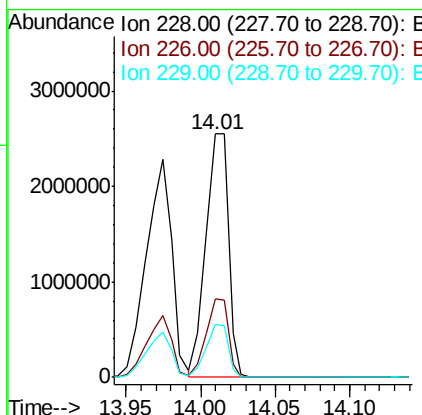
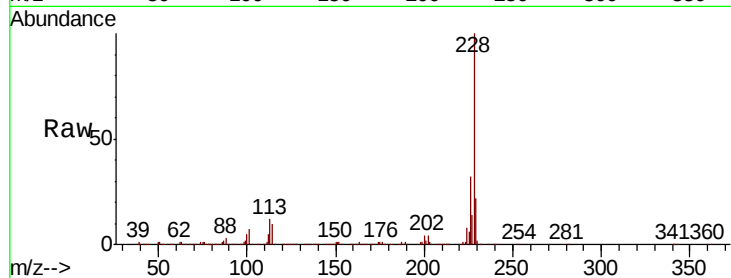


#83
 Chrvsene
 Concen: 50.952 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

Tot Ion:228 Resp: 2679307

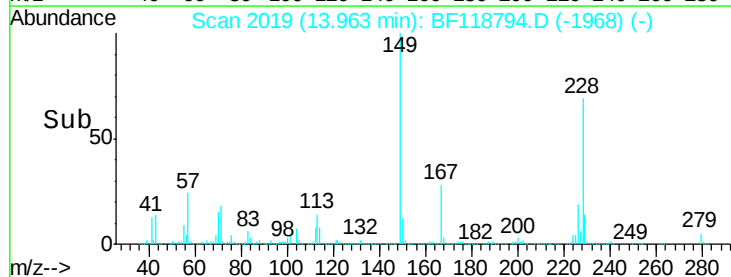
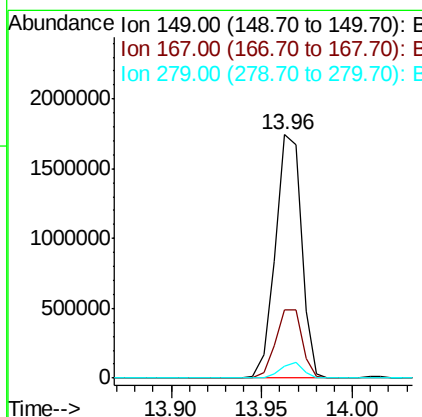
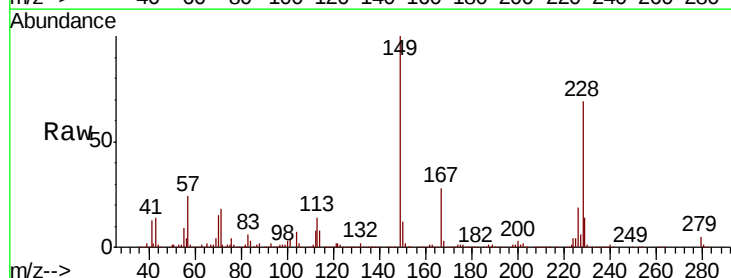
Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.4	38.0
229	21.5	16.9	25.3

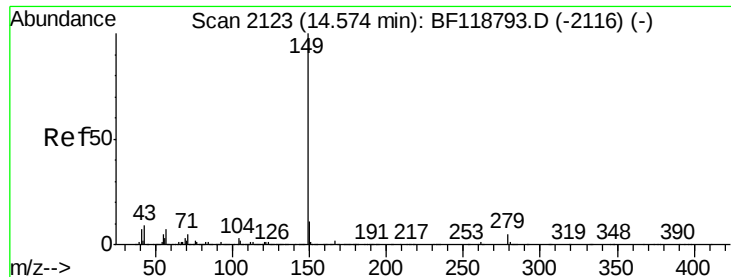


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.642 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF118794.D
 Acq: 3 Feb 2020 12:44

Tgt Ion:149 Resp: 1753767

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.6
279	5.1	4.4	6.6

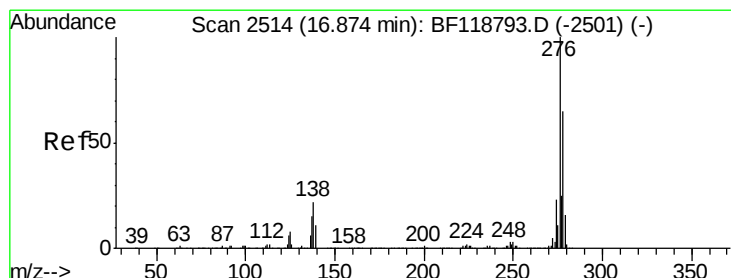
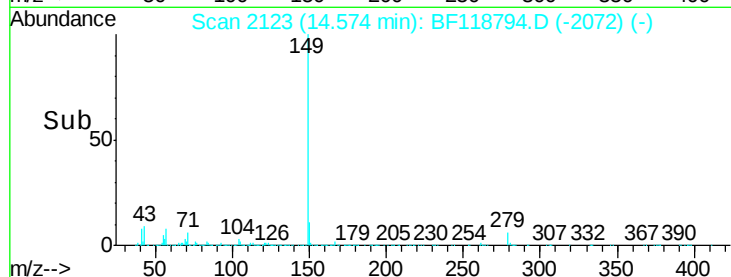
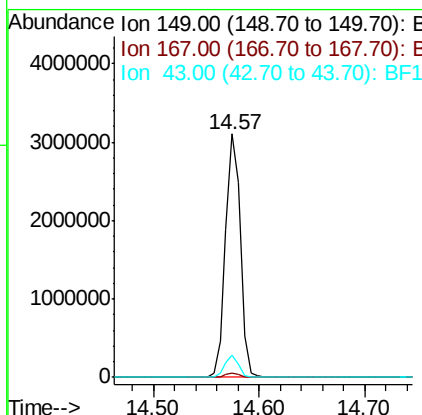
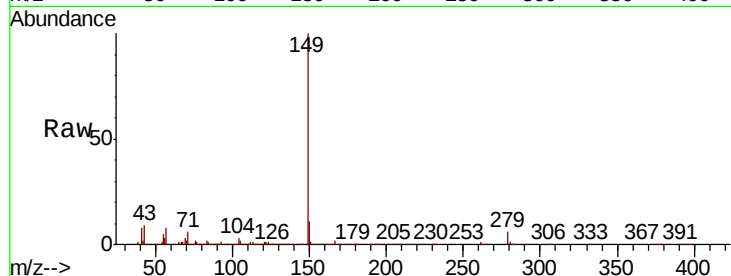




#85
Di-n-octyl phthalate
Concen: 66.472 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

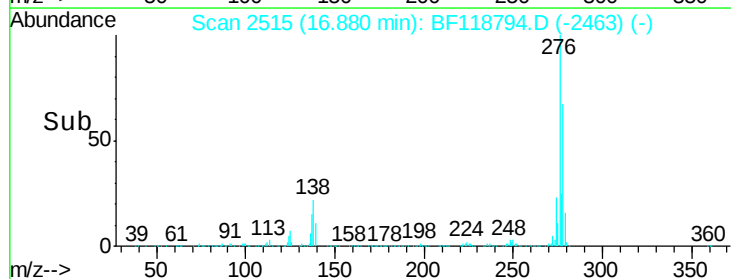
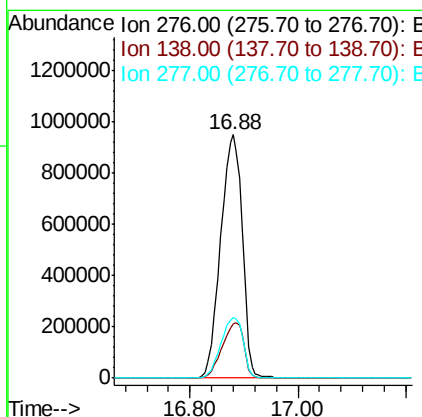
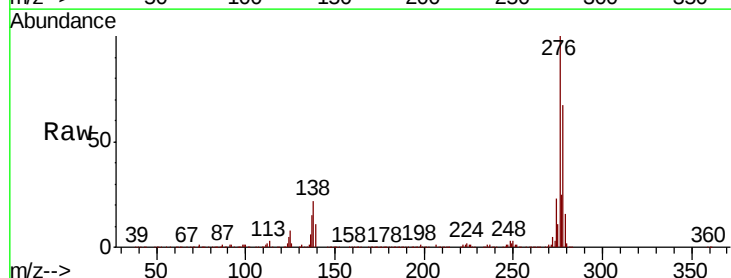
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

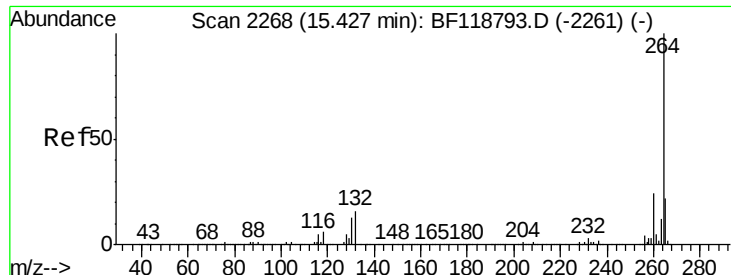
Tot Ion:149 Resp: 3046406
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.7 6.6 10.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.753 ng
RT: 16.88 min Scan# 2515
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:276 Resp: 2684507
Ion Ratio Lower Upper
276 100
138 23.0 18.3 27.5
277 25.6 20.2 30.4



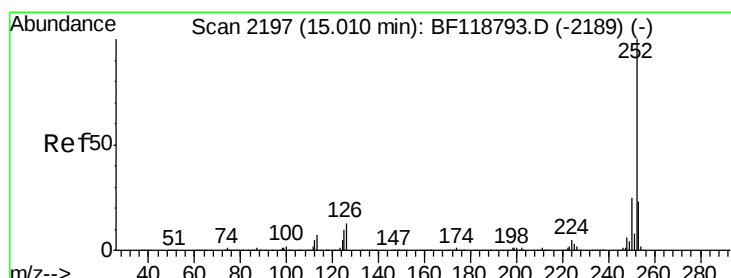
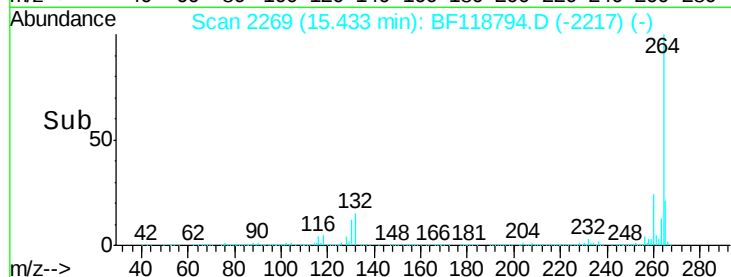
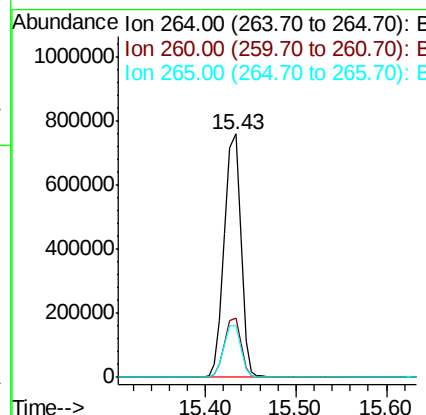
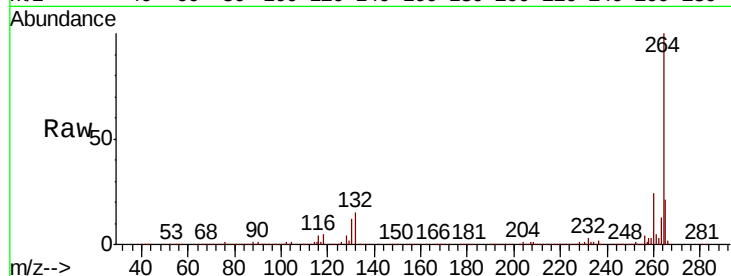


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:264 Resp: 965349

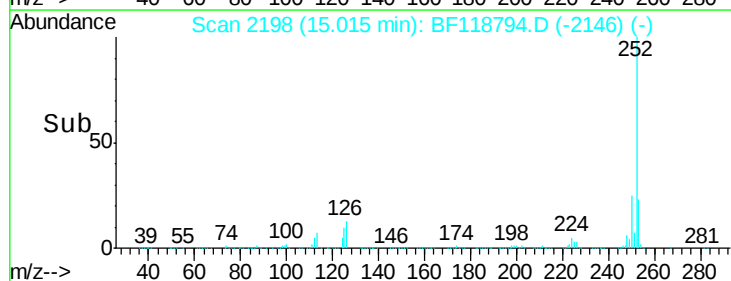
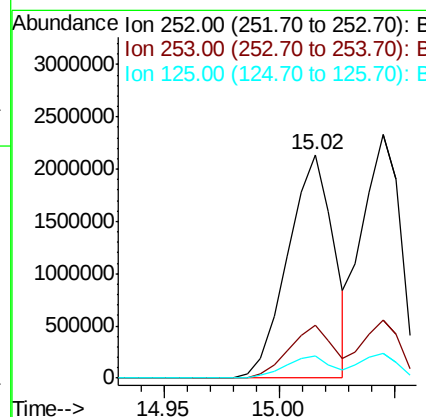
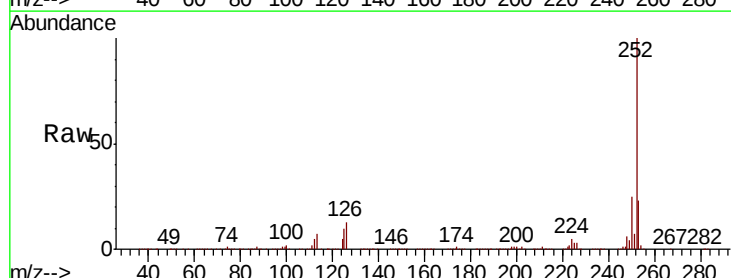
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.1	28.7
265	21.5	17.2	25.8

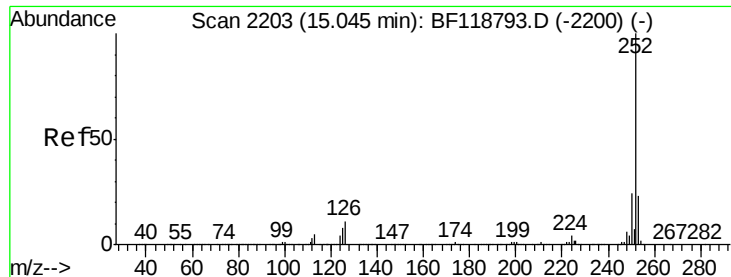


#88
Benzo(b)fluoranthene
Concen: 48.469 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:252 Resp: 2941056

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	9.8	8.1	12.1

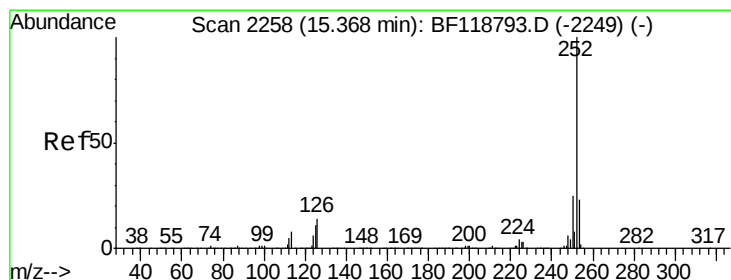
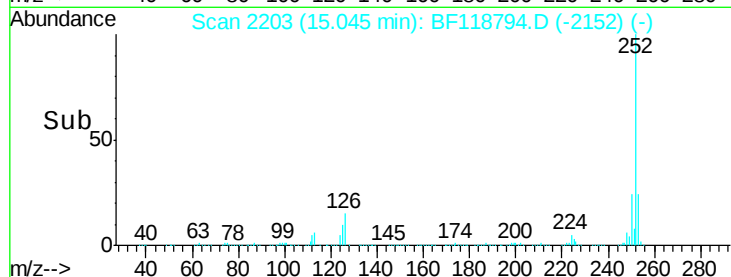
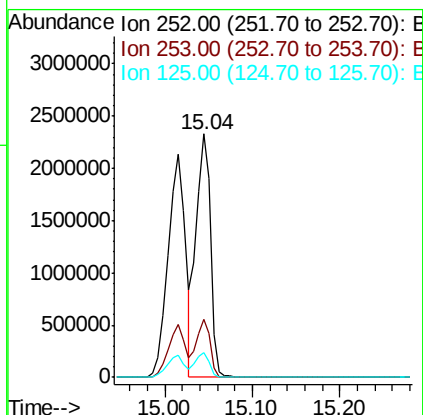
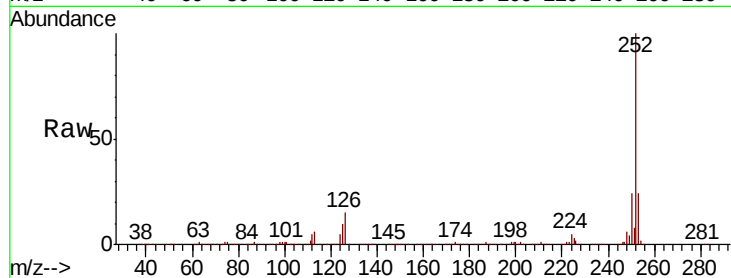




#89
Benzo(k)fluoranthene
Concen: 47.986 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

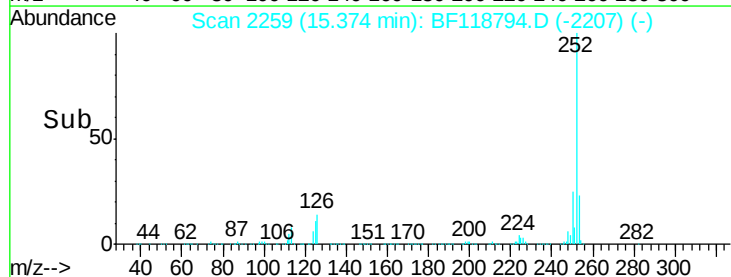
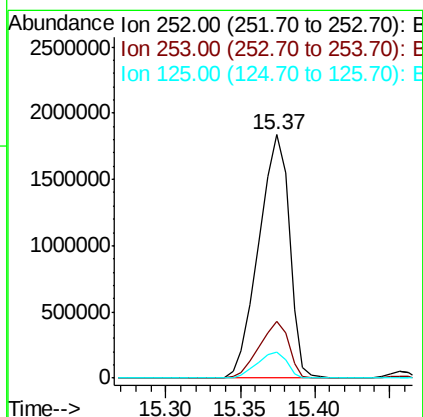
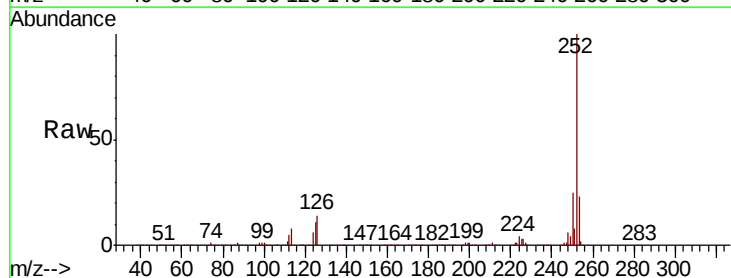
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

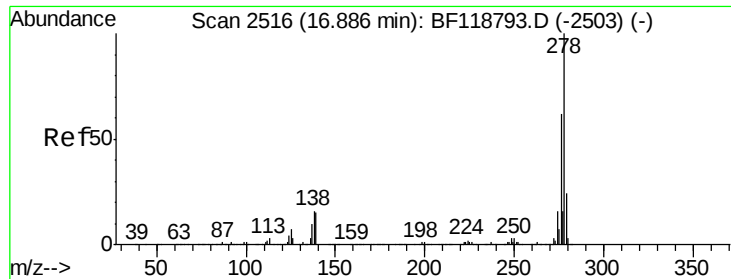
Tot Ion:252 Resp: 2697599
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 10.0 7.0 10.6



#90
Benzo(a)pyrene
Concen: 49.710 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF118794.D
Acq: 3 Feb 2020 12:44

Tgt Ion:252 Resp: 2601995
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 10.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 47.481 ng

RT: 16.90 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

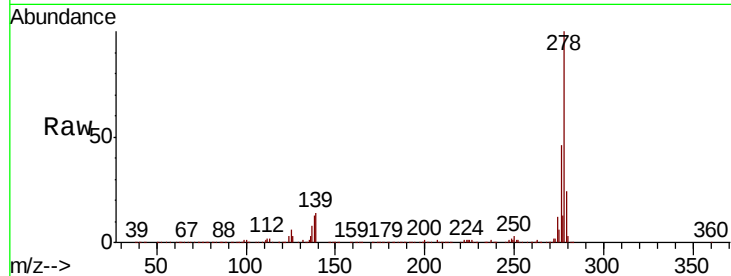
Tot Ion:278 Resp: 2198440

Ion Ratio Lower Upper

278 100

139 14.1 12.3 18.5

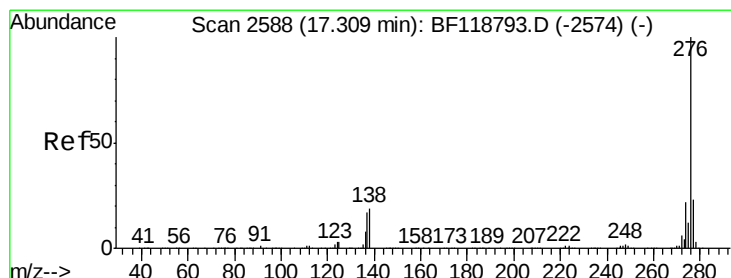
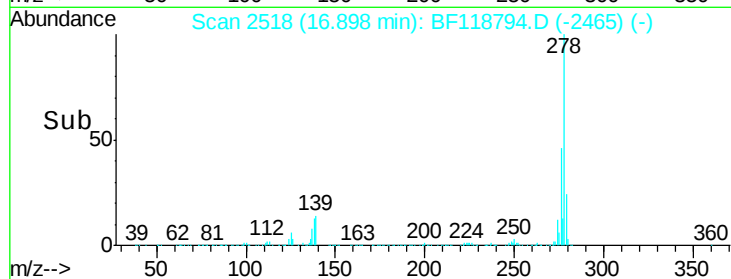
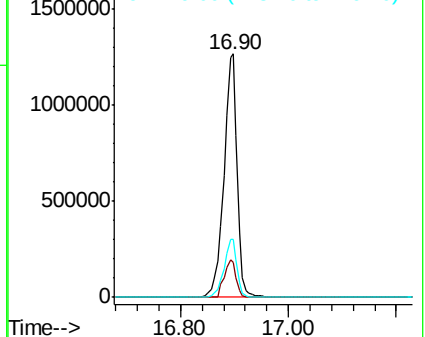
279 24.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.151 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.01 min

Lab File: BF118794.D

Acq: 3 Feb 2020 12:44

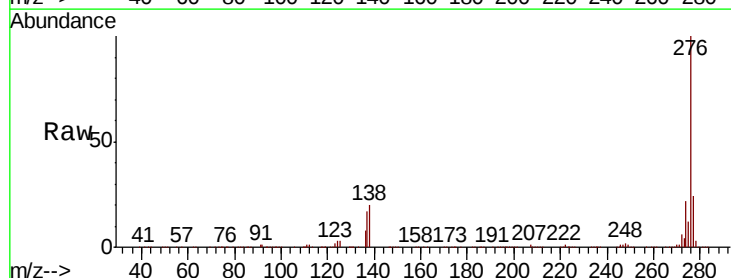
Tgt Ion:276 Resp: 2074748

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 20.0 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

