

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118960.D
 Acq On : 20 Feb 2020 14:50
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Feb 20 15:27:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177449	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	629347	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	338704	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	609427	20.00	ng	0.00
76) Chrysene-d12	13.91	240	432835	20.00	ng	0.00
87) Perylene-d12	15.33	264	405773	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1078353	115.74	ng	0.00
7) Phenol-d6	6.40	99	1305538	110.84	ng	0.00
23) Nitrobenzene-d5	7.33	82	1222395	108.03	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	447162	106.57	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	2239605	106.81	ng	0.00
79) Terphenyl-d14	12.86	244	2541045	115.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	243195	58.246	ng	99
3) Pyridine	3.19	79	672143	58.300	ng	99
4) n-Nitrosodimethylamine	3.14	42	205373	57.843	ng	95
6) Aniline	6.43	93	816705	53.021	ng	92
8) 2-Chlorophenol	6.55	128	588219	52.238	ng	97
9) Benzaldehyde	6.31	77	438899	62.398	ng	100
10) Phenol	6.42	94	705535	52.395	ng	91
11) bis(2-Chloroethyl)ether	6.50	93	547917	51.815	ng	98
12) 1,3-Dichlorobenzene	6.70	146	701768	51.952	ng	99
13) 1,4-Dichlorobenzene	6.78	146	706302	52.154	ng	99
14) 1,2-Dichlorobenzene	6.93	146	634840	51.045	ng	99
15) Benzyl Alcohol	6.91	79	478671	52.103	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	474916	49.808	ng	97
17) 2-Methylphenol	7.02	107	473525	51.336	ng	97
18) Hexachloroethane	7.27	117	253493	52.102	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	374590	49.847	ng	98
20) 3+4-Methylphenols	7.18	107	544760	50.608	ng	# 88
22) Acetophenone	7.17	105	729627	53.271	ng	# 99
24) Nitrobenzene	7.35	77	602482	52.581	ng	98
25) Isophorone	7.59	82	1048627	51.755	ng	99
26) 2-Nitrophenol	7.66	139	323046	52.792	ng	97
27) 2,4-Dimethylphenol	7.70	122	433931	52.987	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	688559	51.950	ng	99
29) 2,4-Dichlorophenol	7.91	162	517222	52.958	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	604133	52.724	ng	100
31) Naphthalene	8.07	128	1654941	51.890	ng	99
32) Benzoic acid	7.85	122	307631	52.000	ng	95
33) 4-Chloroaniline	8.12	127	718247	52.602	ng	99
34) Hexachlorobutadiene	8.19	225	381610	53.831	ng	98
35) Caprolactam	8.50	113	156792	53.060	ng	99
36) 4-Chloro-3-methylphenol	8.60	107	515496	52.820	ng	97
37) 2-Methylnaphthalene	8.76	142	1116961	52.500	ng	99
38) 1-Methylnaphthalene	8.86	142	1047632	52.510	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	586373	53.963	ng	100

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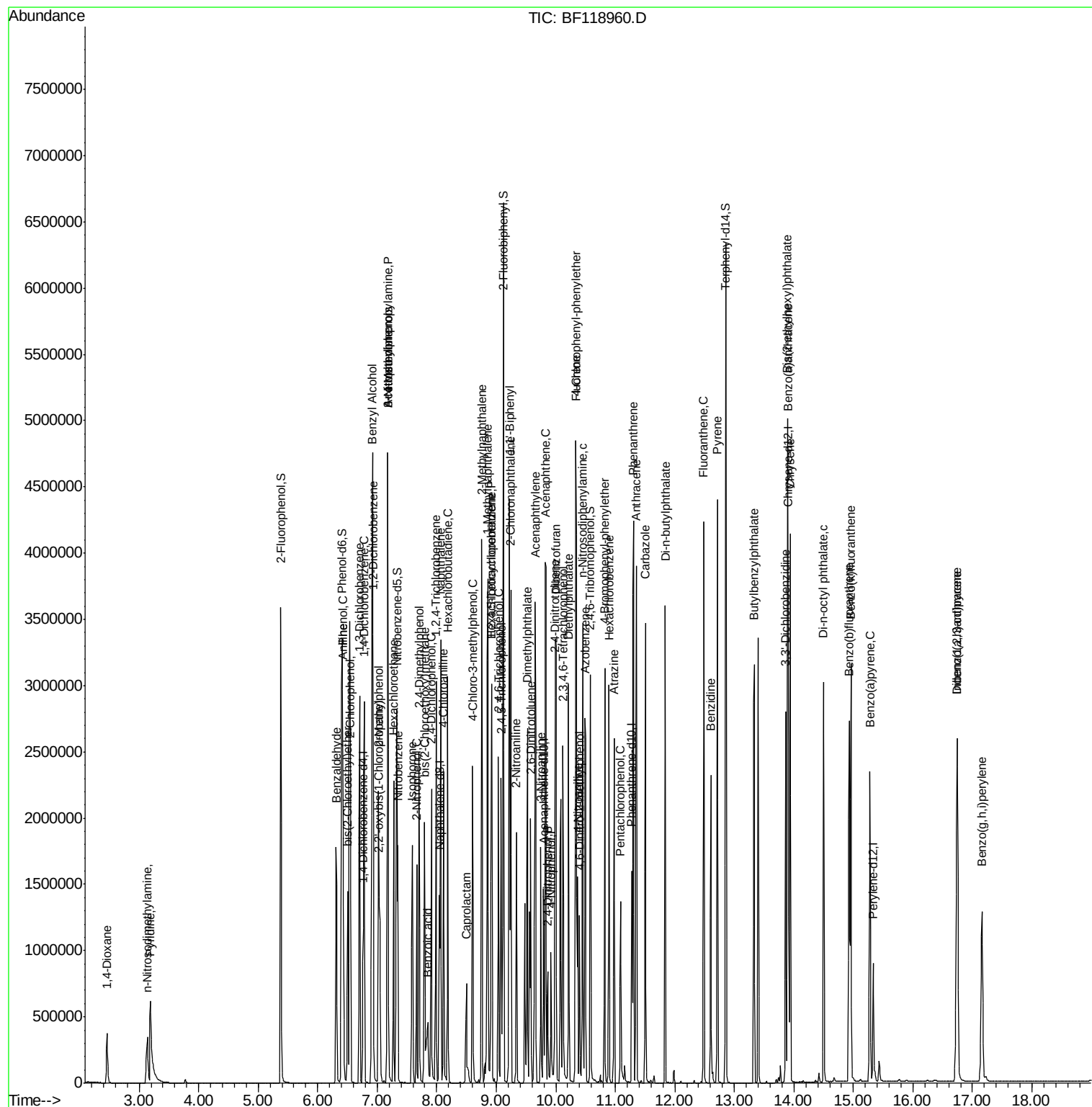
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	194803	59.746	nq	98
43) 2,4,6-Trichlorophenol	9.03	196	373755	52.121	nq	98
44) 2,4,5-Trichlorophenol	9.08	196	392507	52.792	nq	97
46) 1,1'-Biphenyl	9.22	154	1389995	53.381	nq	99
47) 2-Chloronaphthalene	9.25	162	1132875	52.423	nq	98
48) 2-Nitroaniline	9.34	65	316070	52.272	nq	98
49) Acenaphthylene	9.66	152	1631503	52.875	nq	100
50) Dimethylphthalate	9.52	163	1311154	51.273	nq	99
51) 2,6-Dinitrotoluene	9.58	165	296430	51.900	nq	94
52) Acenaphthene	9.83	154	971498	51.723	nq	100
53) 3-Nitroaniline	9.75	138	326191	51.892	nq	94
54) 2,4-Dinitrophenol	9.86	184	131915	51.926	nq	96
55) Dibenzofuran	10.00	168	1455675	51.919	nq	99
56) 4-Nitrophenol	9.92	139	200906	51.883	nq	96
57) 2,4-Dinitrotoluene	9.99	165	388102	52.528	nq	95
58) Fluorene	10.35	166	1109828	51.076	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	322079	50.403	nq	99
60) Diethylphthalate	10.22	149	1236921	51.310	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	598074	51.726	nq	99
62) 4-Nitroaniline	10.37	138	326256	50.416	nq	100
63) Azobenzene	10.49	77	1078899	50.891	nq	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	197236	52.515	nq	90
66) n-Nitrosodiphenylamine	10.46	169	1019607	52.829	nq	100
67) 4-Bromophenyl-phenylether	10.82	248	410005	52.405	nq	98
68) Hexachlorobenzene	10.90	284	469780	52.449	nq	93
69) Atrazine	10.98	200	359777	55.693	nq	99
70) Pentachlorophenol	11.09	266	199039	51.906	nq	98
71) Phenanthrene	11.30	178	1682768	52.584	nq	99
72) Anthracene	11.35	178	1693807	52.901	nq	100
73) Carbazole	11.51	167	1502021	52.338	nq	99
74) Di-n-butylphthalate	11.84	149	1842521	50.601	nq	99
75) Fluoranthene	12.49	202	1782261	49.996	nq	99
77) Benzidine	12.60	184	911933	65.808	nq	98
78) Pyrene	12.72	202	1787403	57.223	nq	100
80) Butylbenzylphthalate	13.33	149	776256	56.712	nq	94
81) Benzo(a)anthracene	13.90	228	1502170	56.634	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	599008	58.038	nq	100
83) Chrysene	13.94	228	1487279	55.932	nq	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	962707	55.505	nq	98
85) Di-n-octyl phthalate	14.50	149	1552341	55.514	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1379240	52.703	nq	99
88) Benzo(b)fluoranthene	14.93	252	1504566	55.003	nq	99
89) Benzo(k)fluoranthene	14.96	252	1265431	52.057	nq	100
90) Benzo(a)pyrene	15.28	252	1247462	52.932	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1127568	52.790	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1127946	53.521	nq	98

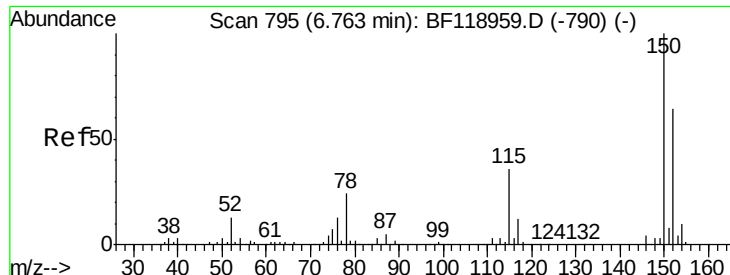
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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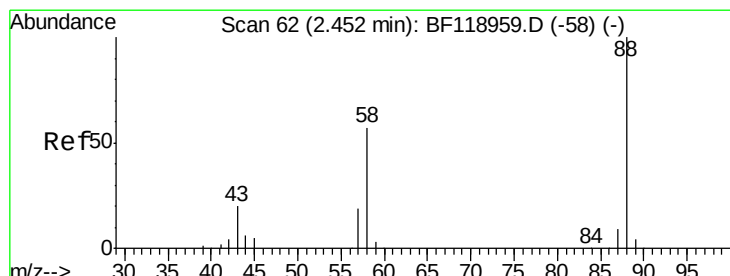
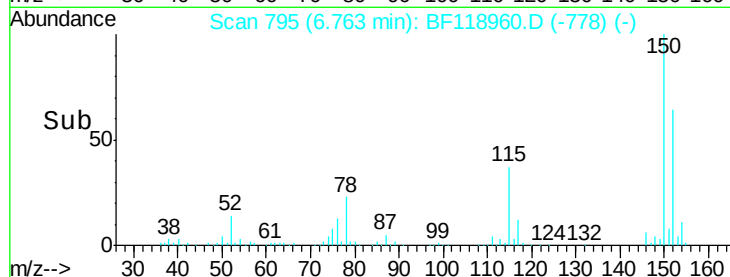
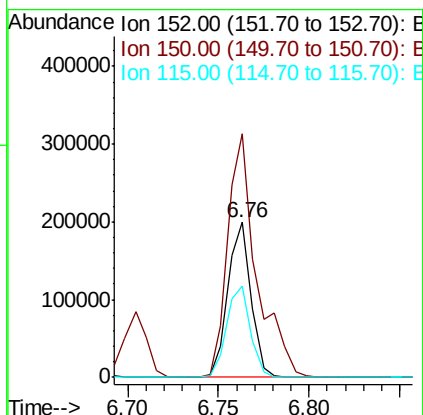
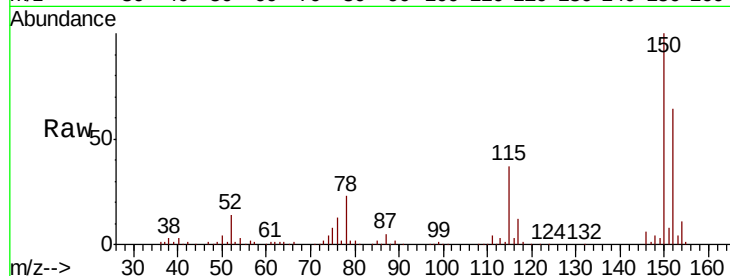


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

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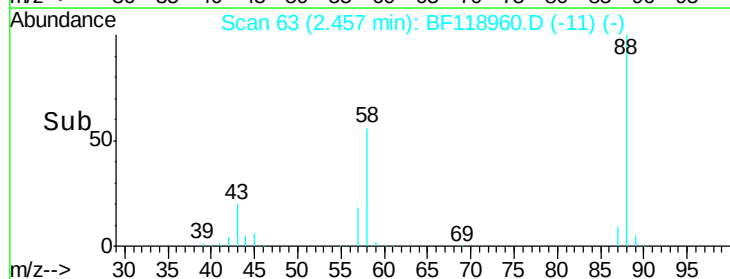
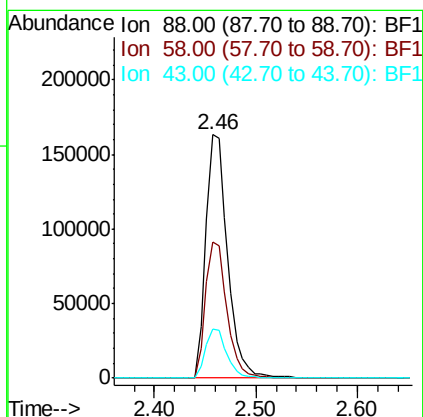
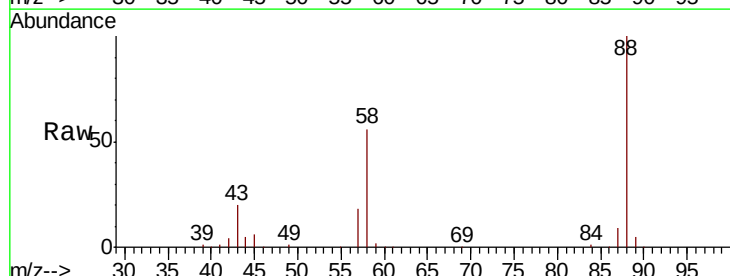
Tot Ion:152 Resp: 177449
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.3 186.5
 115 58.4 44.6 67.0

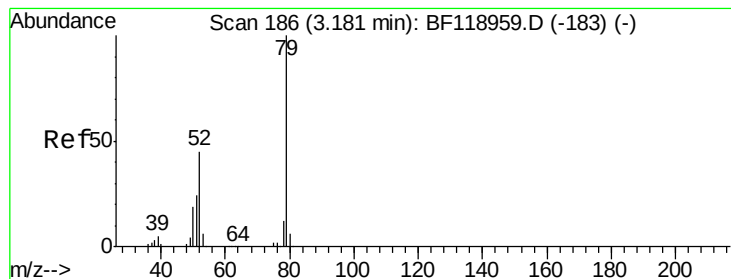


#2

1,4-Dioxane
 Concen: 58.246 ng
 RT: 2.46 min Scan# 63
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion: 88 Resp: 243195
 Ion Ratio Lower Upper
 88 100
 58 55.2 44.6 66.8
 43 19.8 16.0 24.0





#3

Pvridine

Concen: 58.300 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

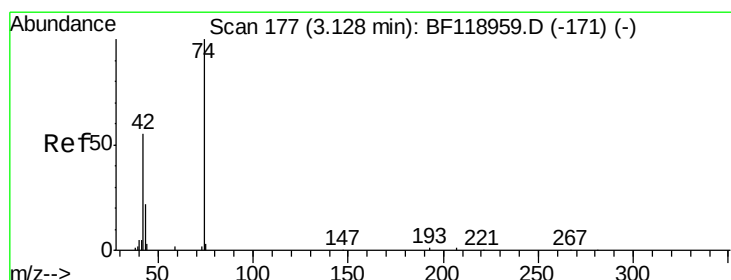
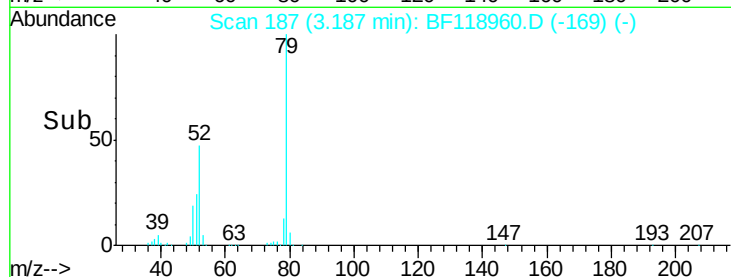
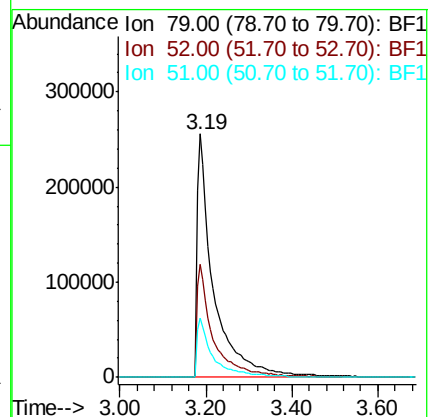
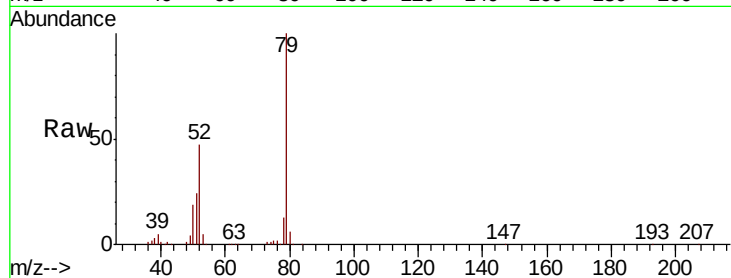
Tot Ion: 79 Resp: 672143

Ion Ratio Lower Upper

79 100

52 46.7 36.3 54.5

51 24.3 19.5 29.3



#4

n-Nitrosodimethylamine

Concen: 57.843 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

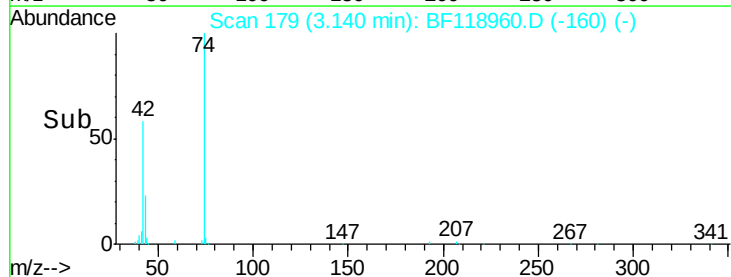
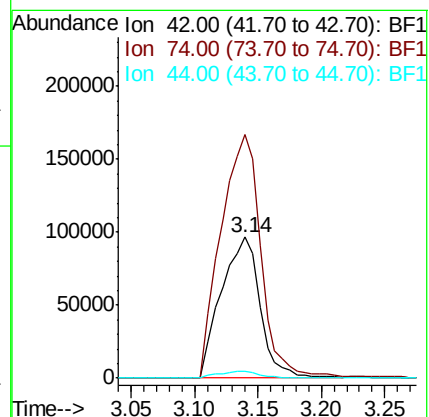
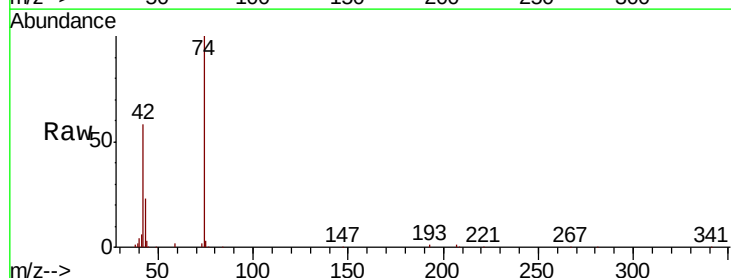
Tgt Ion: 42 Resp: 205373

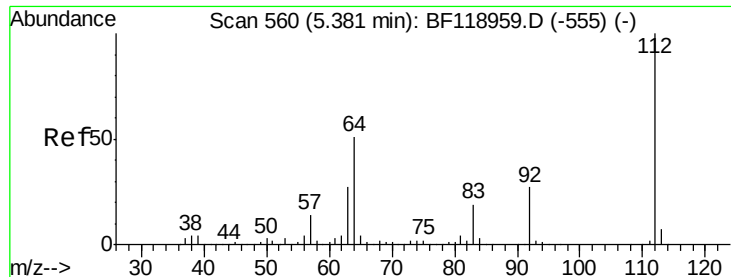
Ion Ratio Lower Upper

42 100

74 173.2 144.4 216.6

44 5.0 4.5 6.7





#5

2-Fluorophenol

Concen: 115.735 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

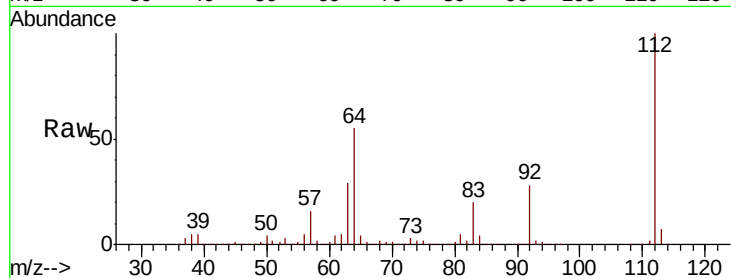
Tot Ion:112 Resp: 1078353

Ion Ratio Lower Upper

112 100

64 55.0 40.4 60.6

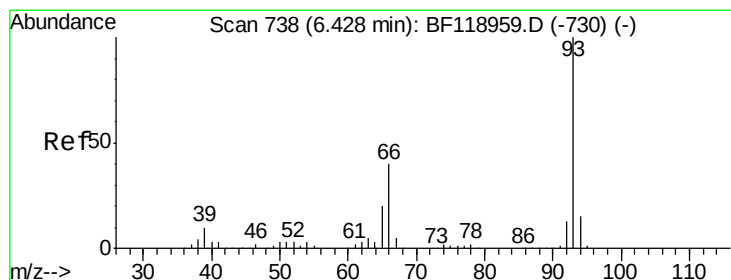
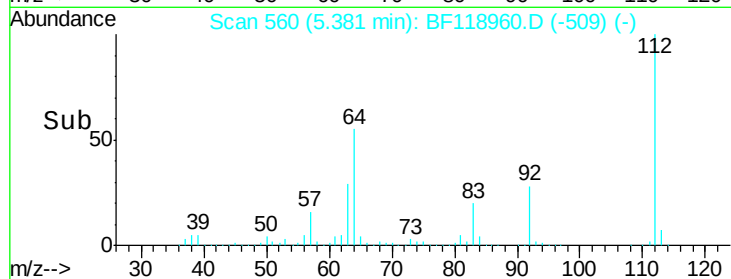
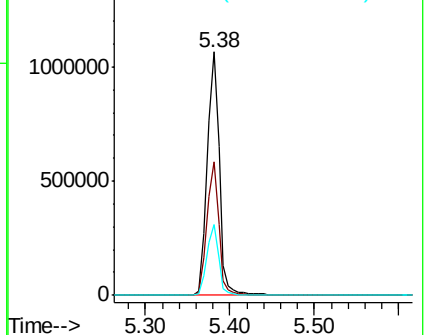
63 29.0 21.3 31.9



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: 53.021 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

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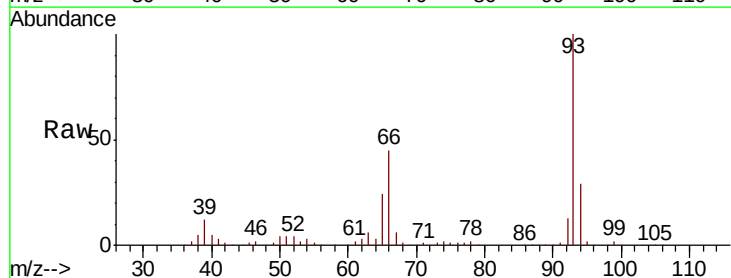
Tgt Ion: 93 Resp: 816705

Ion Ratio Lower Upper

93 100

66 45.0 32.2 48.2

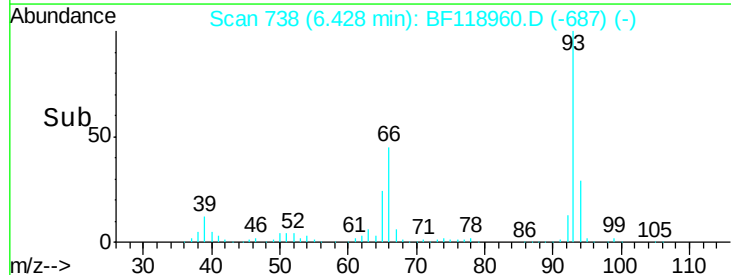
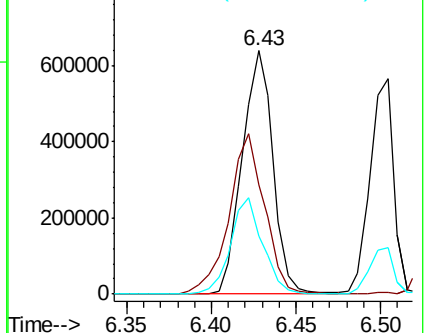
65 24.0 16.1 24.1

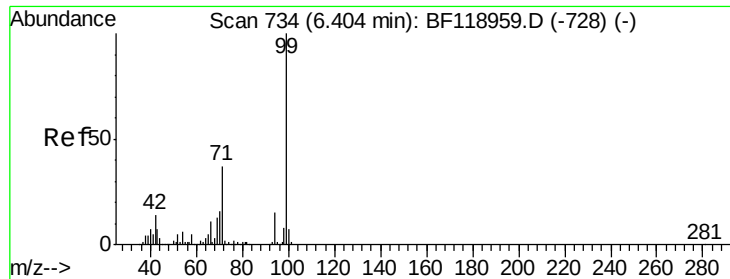


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.841 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

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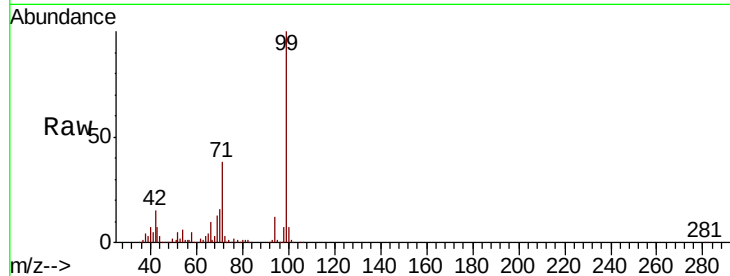
Tot Ion: 99 Resp: 1305538

Ion Ratio Lower Upper

99 100

42 14.8 11.4 17.0

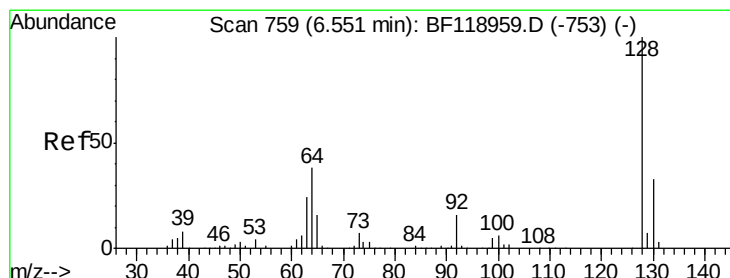
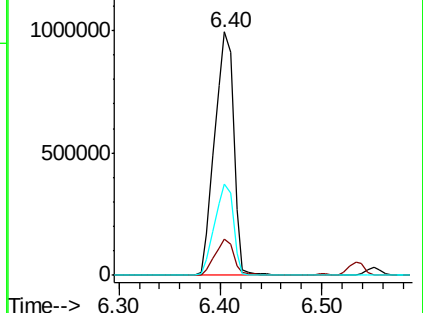
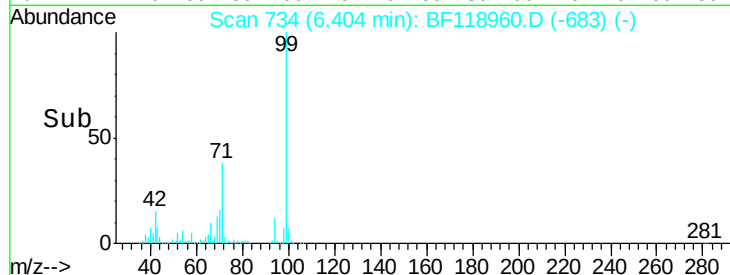
71 37.6 29.8 44.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 52.238 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

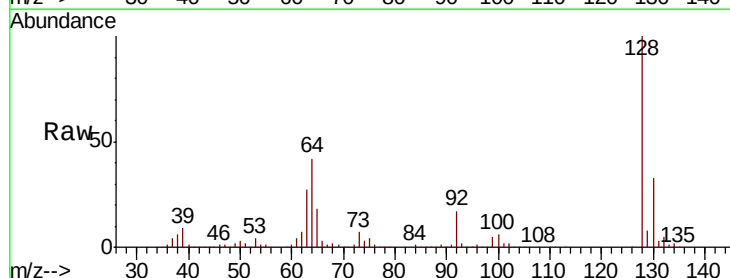
Tgt Ion: 128 Resp: 588219

Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

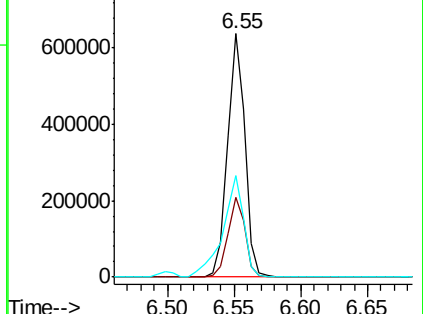
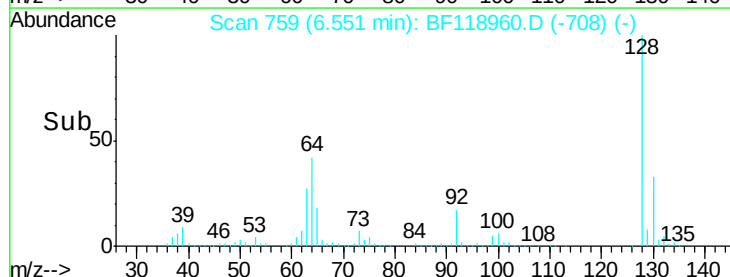
64 41.7 18.7 58.7

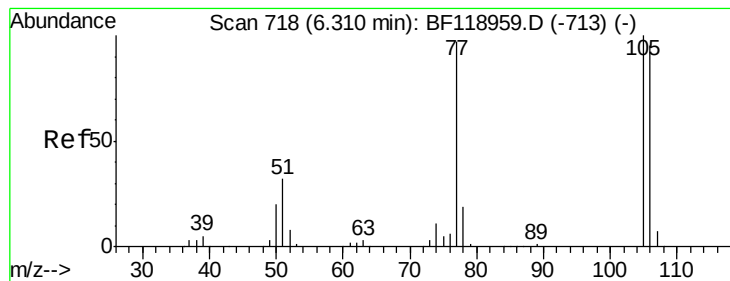


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 62.398 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

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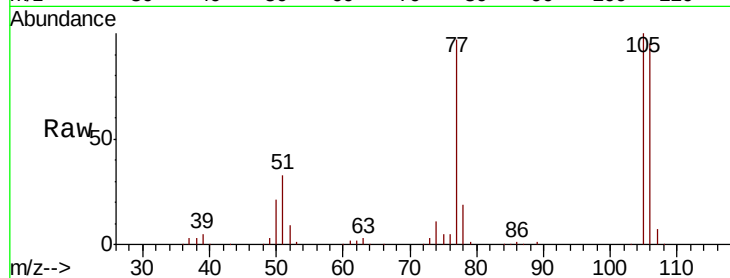
Tot Ion: 77 Resp: 438899

Ion Ratio Lower Upper

77 100

105 103.5 83.0 123.0

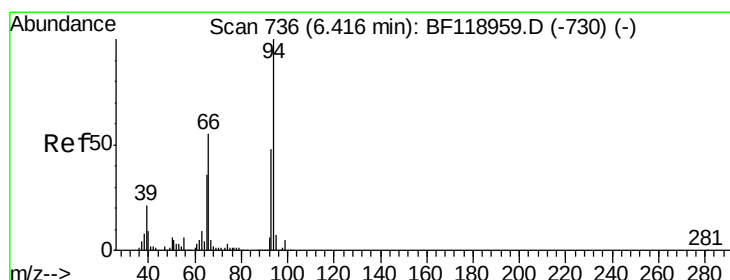
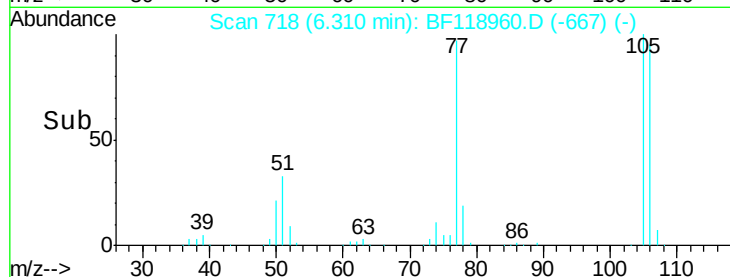
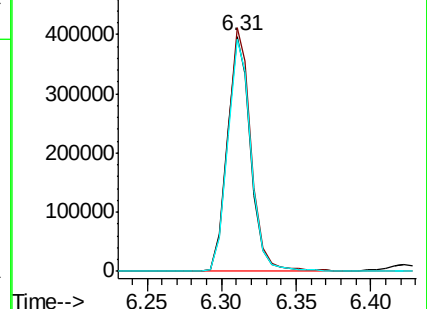
106 98.4 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 52.395 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

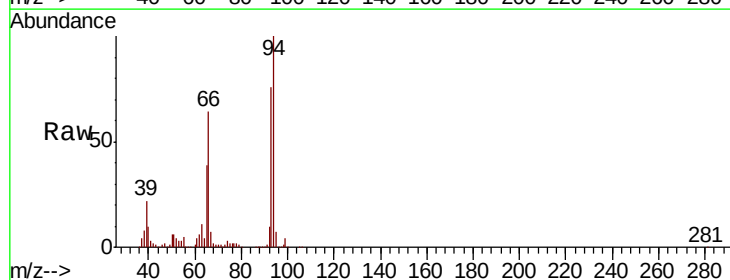
Tgt Ion: 94 Resp: 705535

Ion Ratio Lower Upper

94 100

65 38.7 15.5 55.5

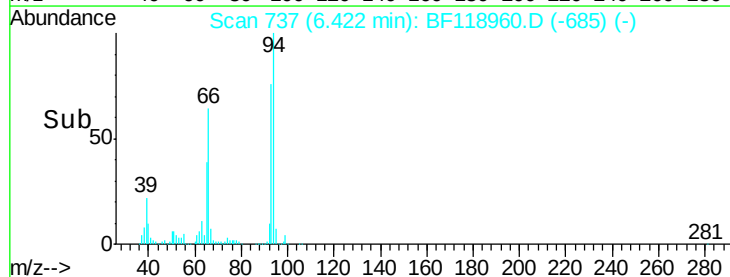
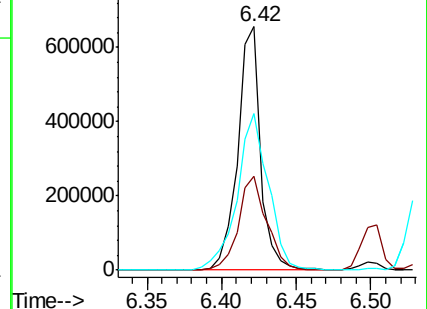
66 64.3 35.6 75.6

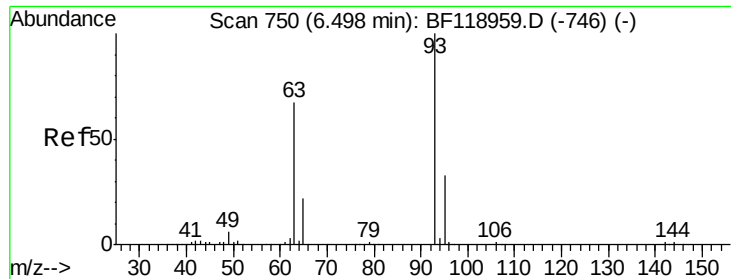


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 51.815 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

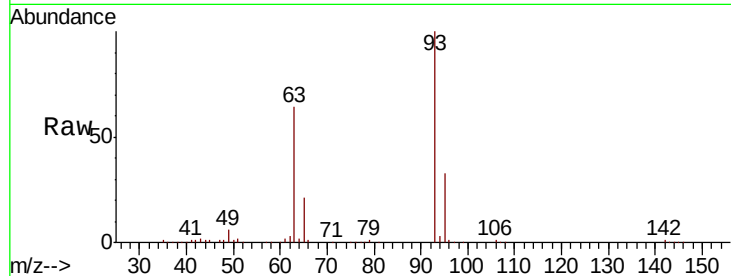
Tot Ion: 93 Resp: 547917

Ion Ratio Lower Upper

93 100

63 64.4 46.8 86.8

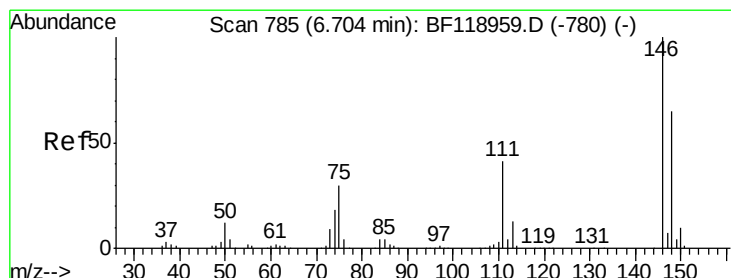
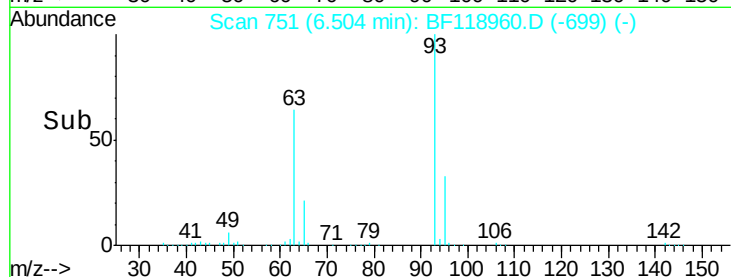
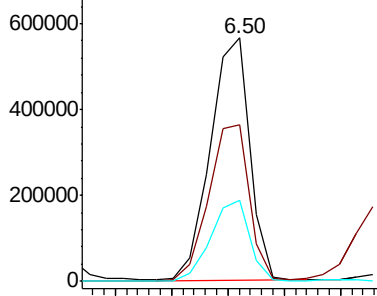
95 33.5 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 51.952 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

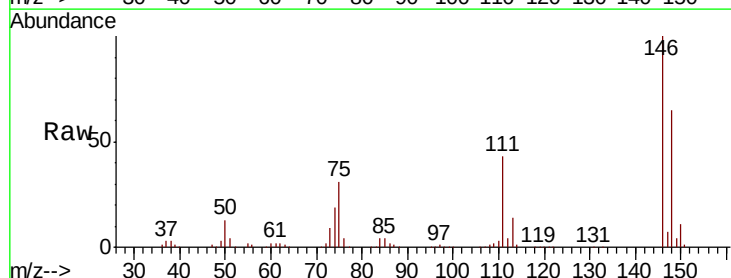
Tgt Ion: 146 Resp: 701768

Ion Ratio Lower Upper

146 100

148 65.1 51.7 77.5

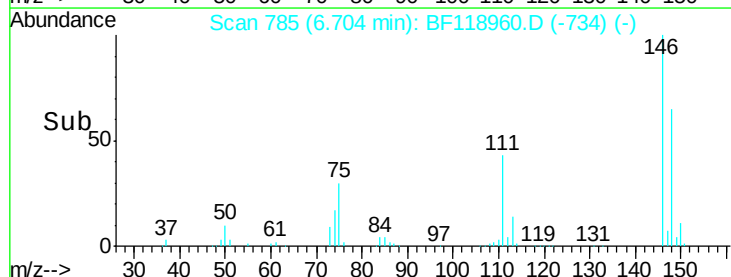
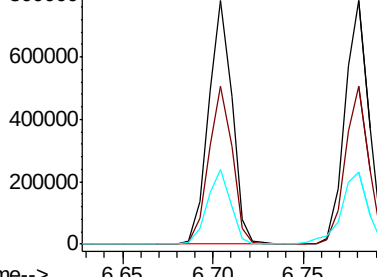
75 30.6 23.6 35.4

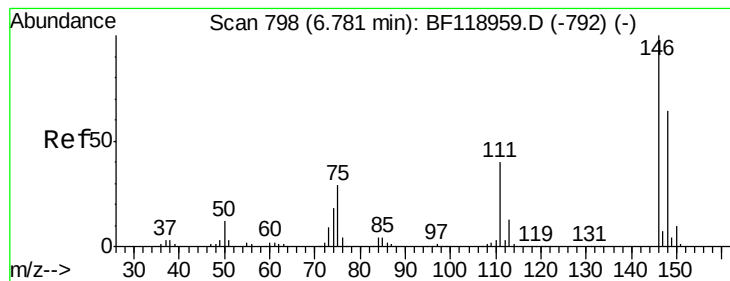


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 52.154 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

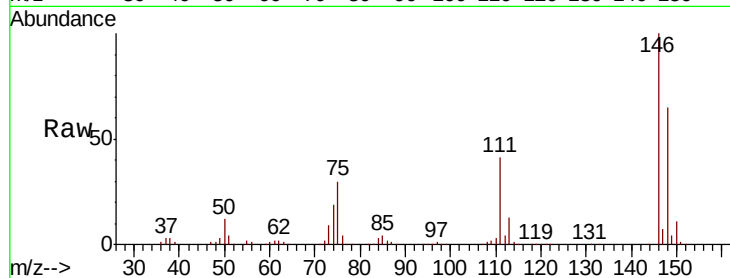
Tot Ion:146 Resp: 706302

Ion Ratio Lower Upper

146 100

148 64.7 51.4 77.2

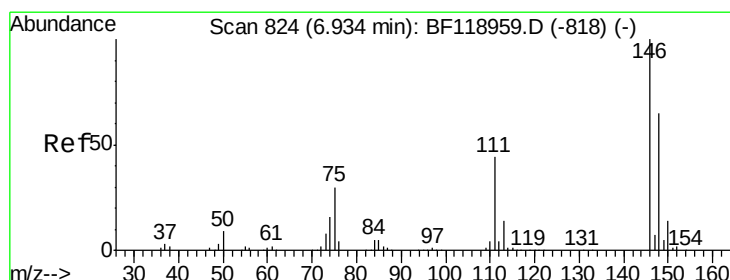
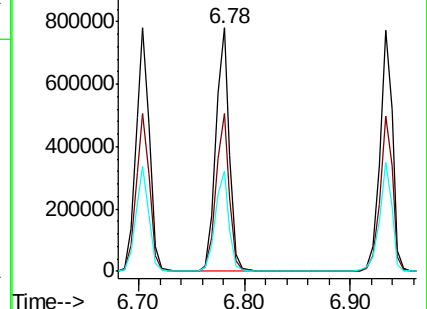
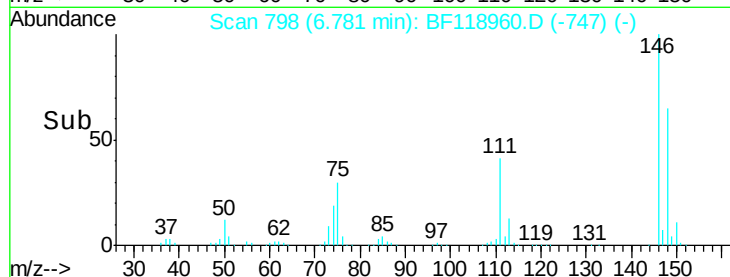
111 41.4 31.9 47.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.045 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

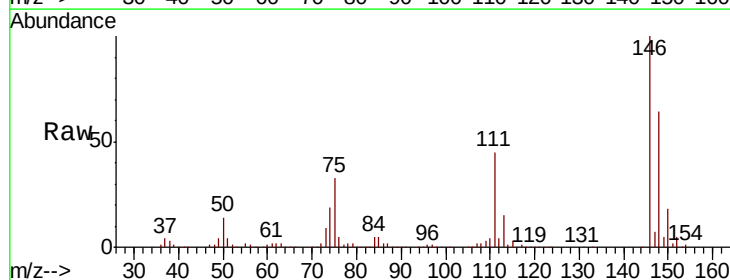
Tgt Ion:146 Resp: 634840

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

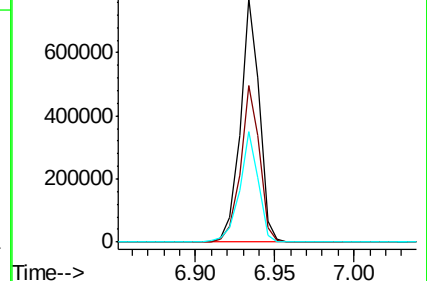
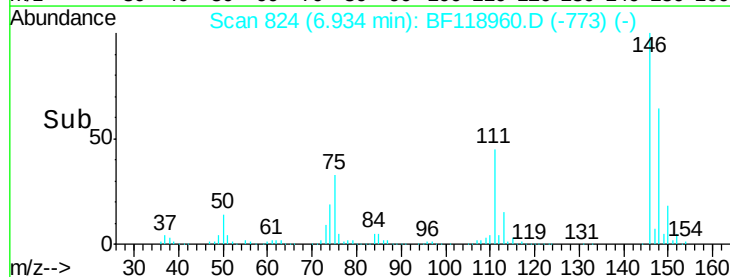
111 45.2 35.5 53.3

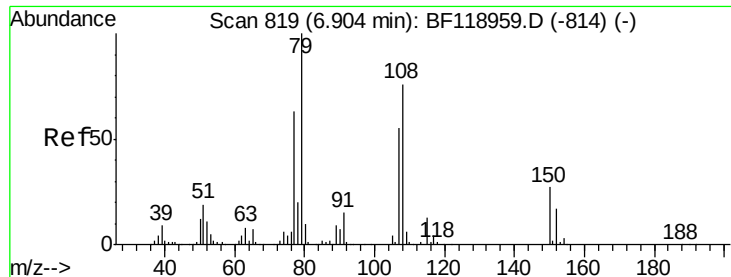


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 52.103 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

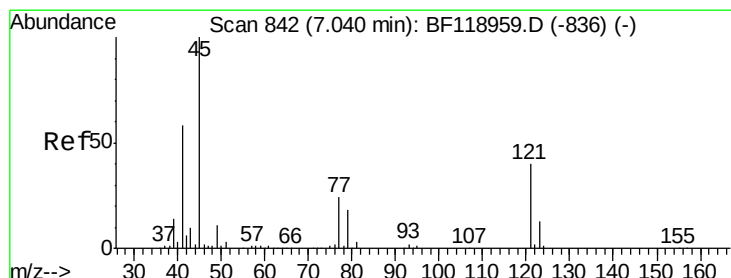
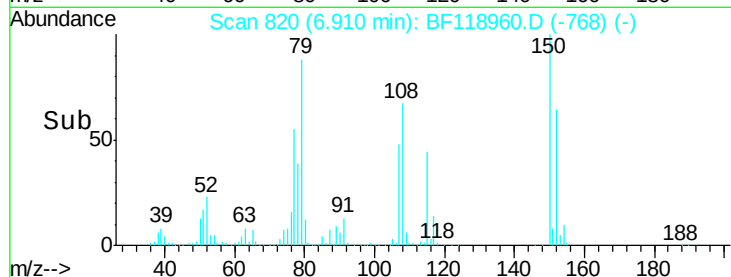
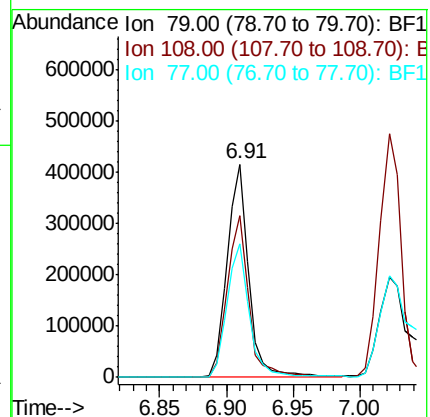
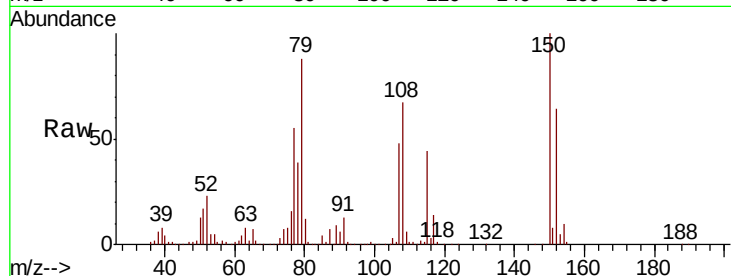
Tot Ion: 79 Resp: 478671

Ion Ratio Lower Upper

79 100

108 75.7 61.1 91.7

77 62.7 50.2 75.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.808 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

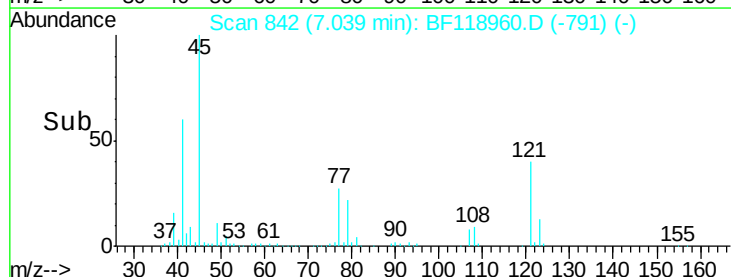
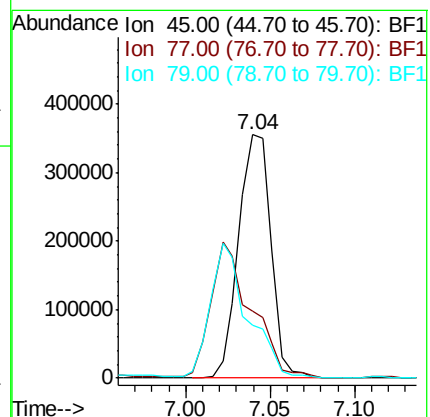
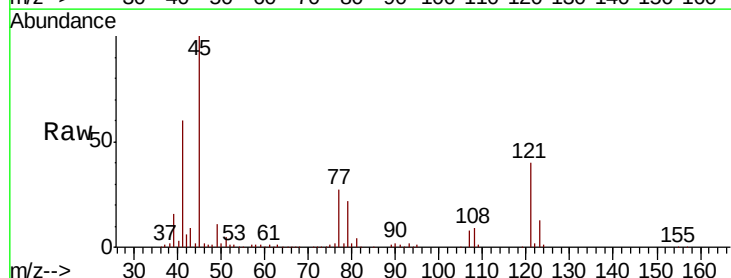
Tgt Ion: 45 Resp: 474916

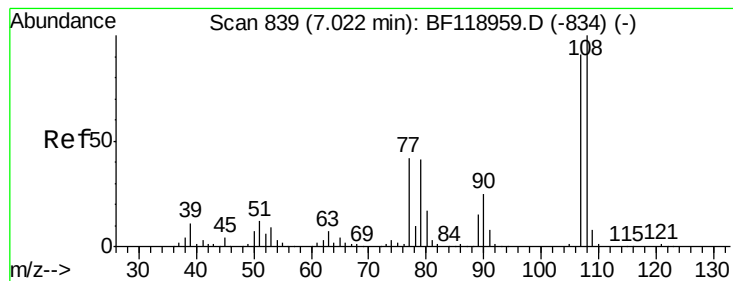
Ion Ratio Lower Upper

45 100

77 27.5 6.1 46.1

79 21.8 0.5 40.5

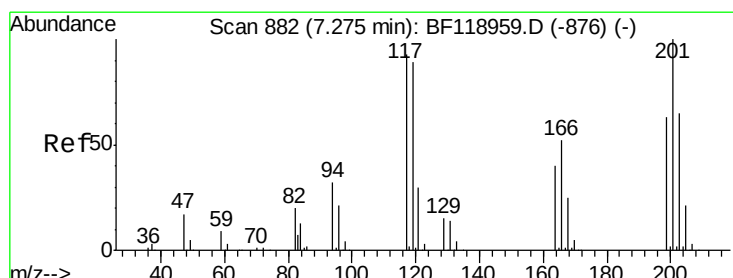
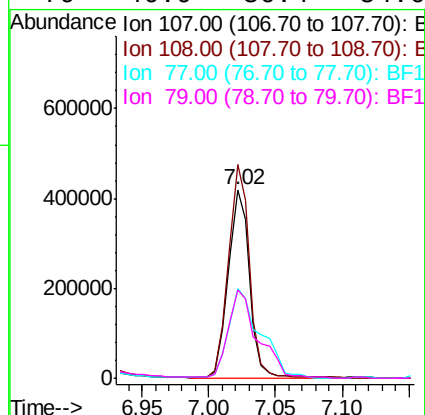
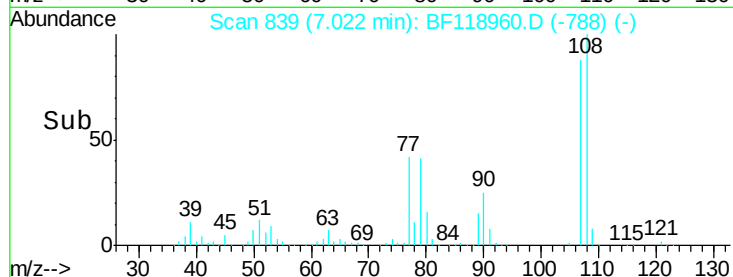
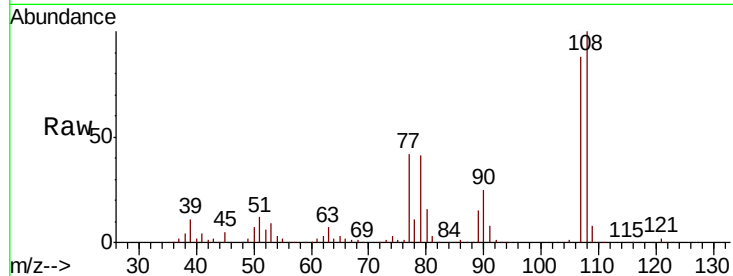




#17
2-Methylphenol
Concen: 51.336 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

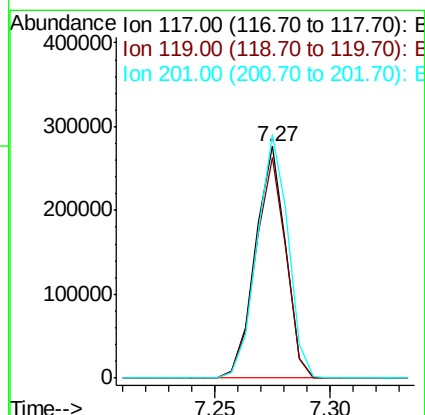
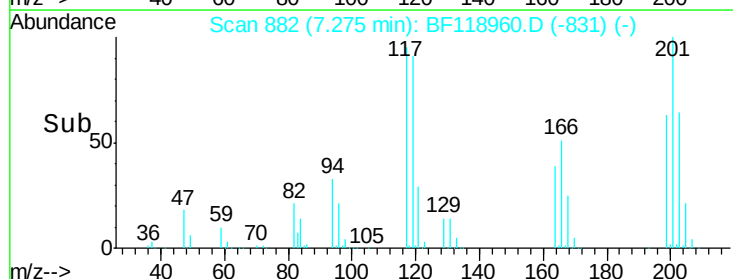
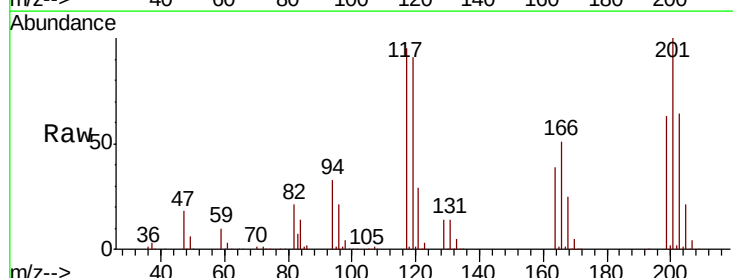
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

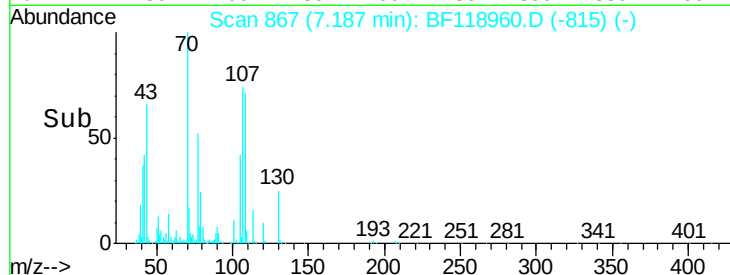
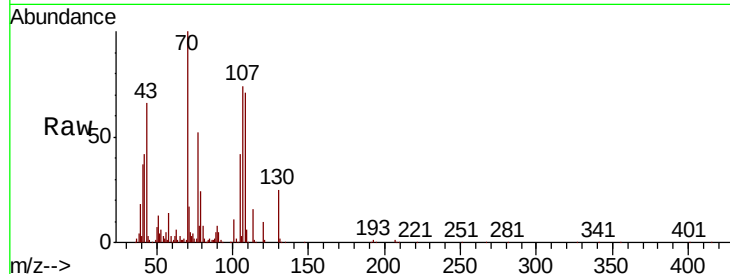
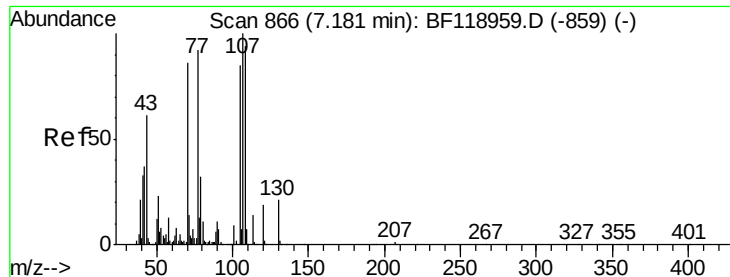
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	87.7	131.5
77	47.4	36.8	55.2
79	46.9	36.4	54.6



#18
Hexachloroethane
Concen: 52.102 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.6
201	105.1	86.4	129.6

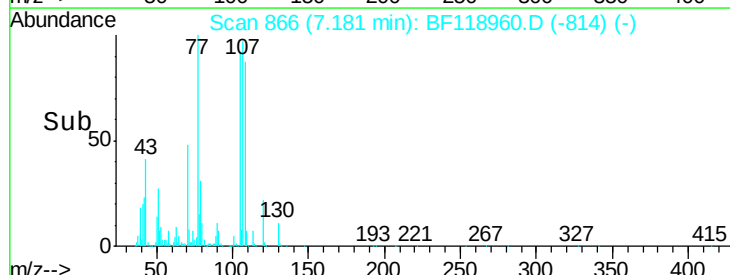
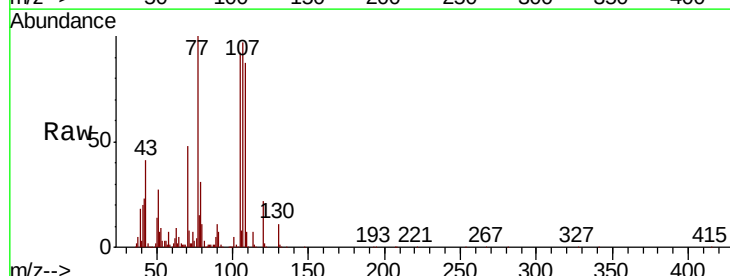
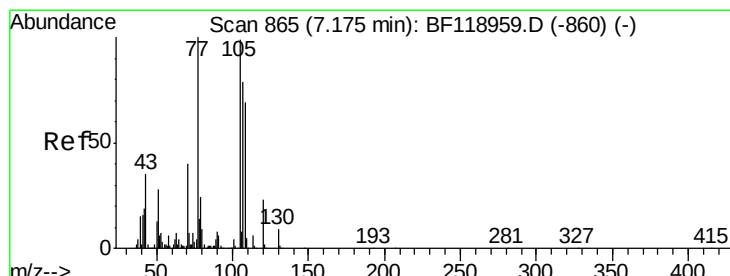
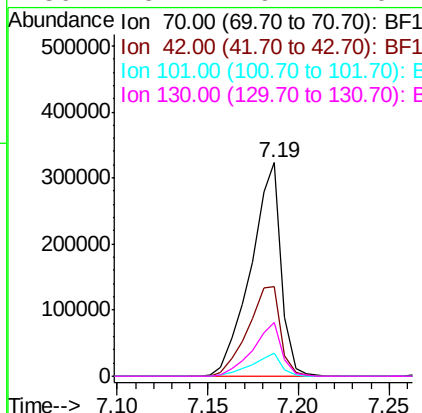




#19
n-Nitroso-di-n-propylamine
Concen: 49.847 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

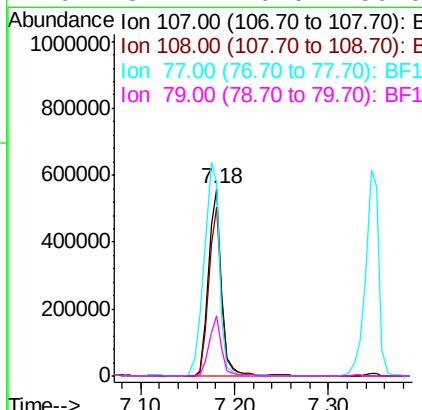
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

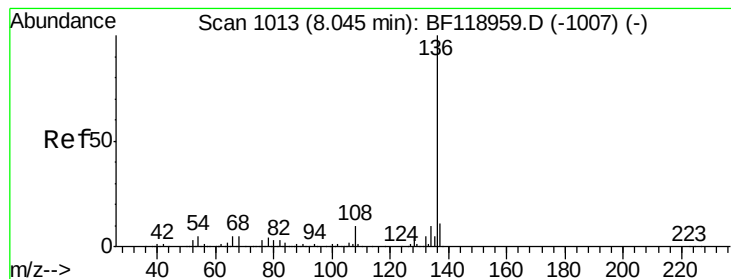
Tot Ion: 70 Resp: 374590
Ion Ratio Lower Upper
70 100
42 42.1 34.6 51.8
101 10.5 8.1 12.1
130 25.1 19.4 29.2



#20
3+4-Methylphenols
Concen: 50.608 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion: 107 Resp: 544760
Ion Ratio Lower Upper
107 100
108 90.0 67.0 107.0
77 102.9 106.2 146.2#
79 32.2 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:136 Resp: 629347

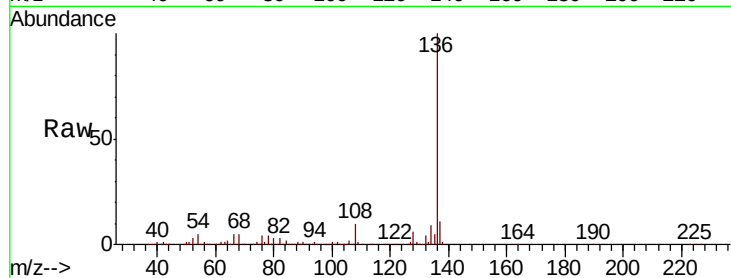
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 5.0 3.8 5.6

68 5.1 4.2 6.2

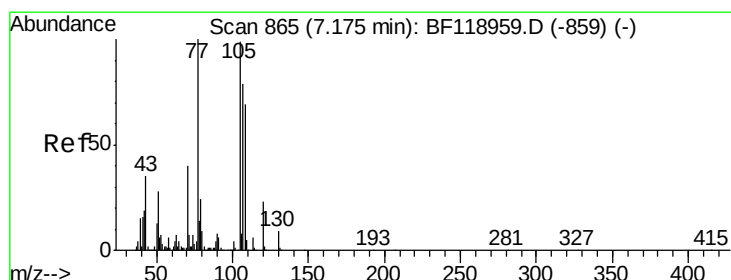
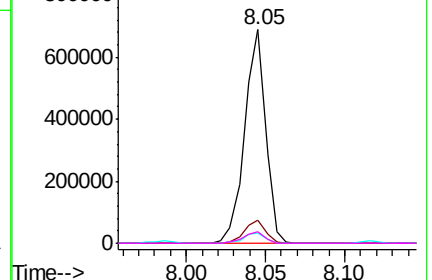
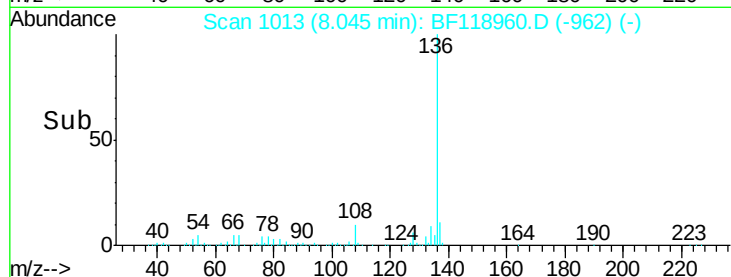


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.271 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:105 Resp: 729627

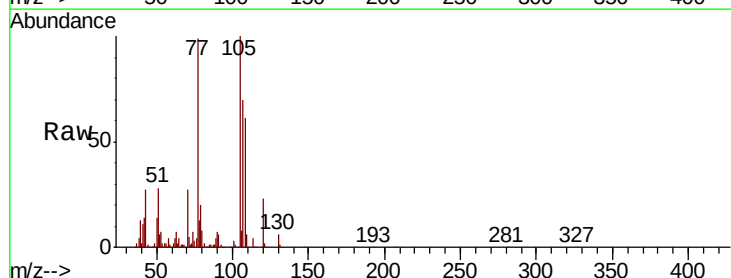
Ion Ratio Lower Upper

105 100

71 4.7 5.4 8.0#

51 28.5 22.5 33.7

120 22.8 18.4 27.6

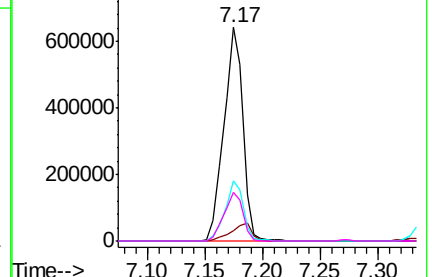
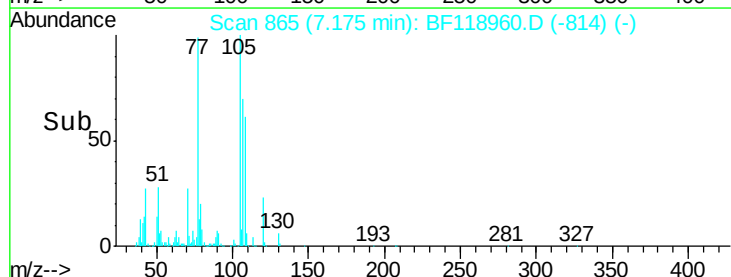


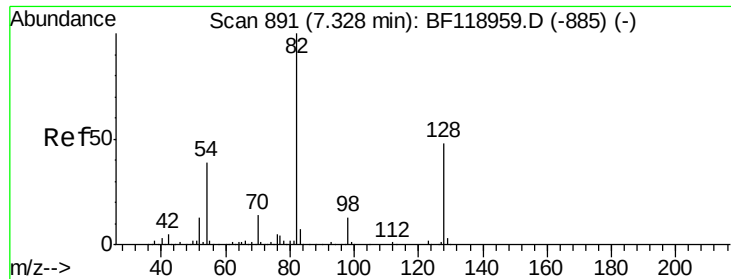
Abundance Ion 105.00 (104.70 to 105.70): E

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

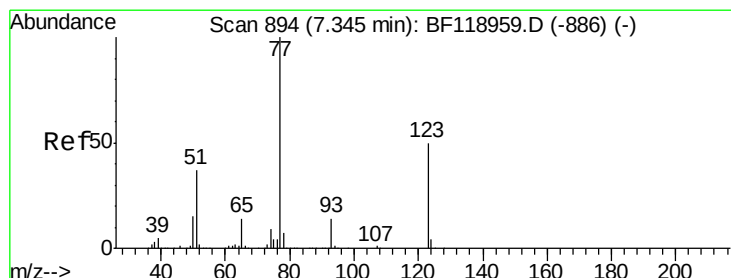
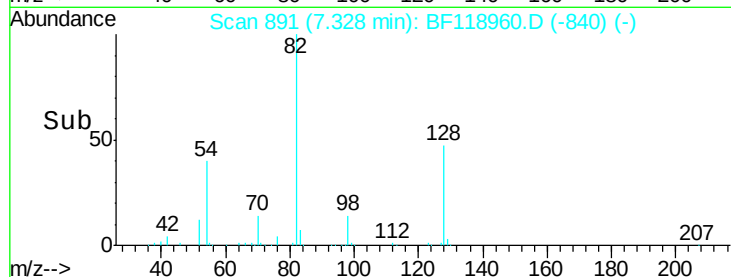
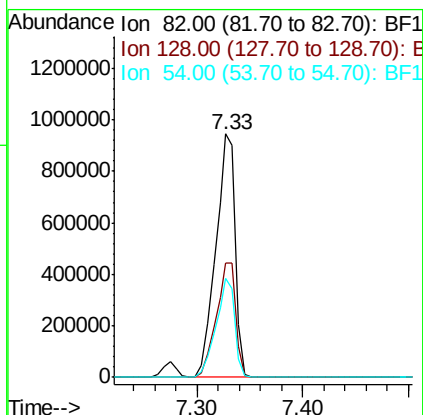
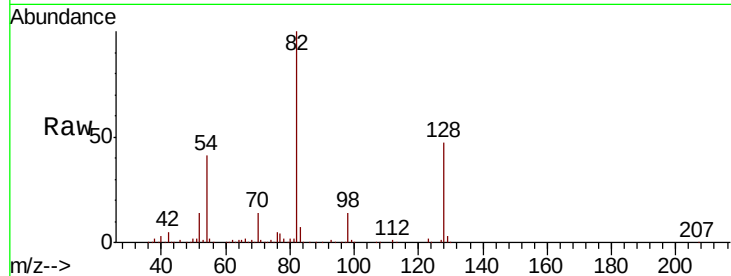




#23
 Nitrobenzene-d5
 Concen: 108.030 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

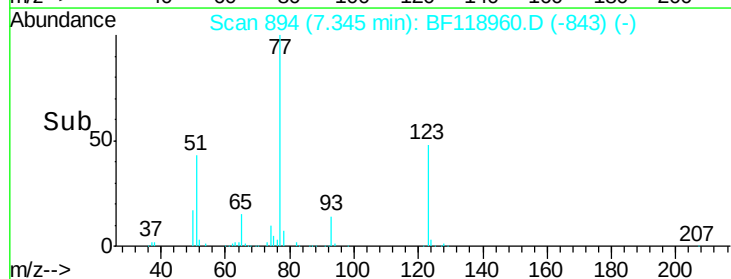
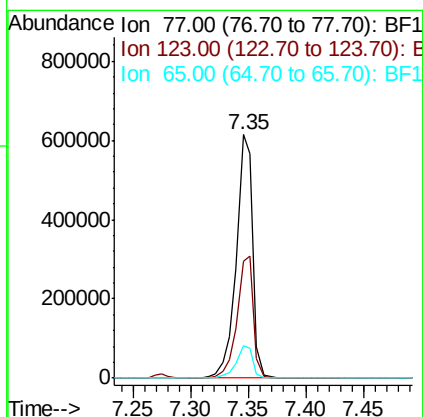
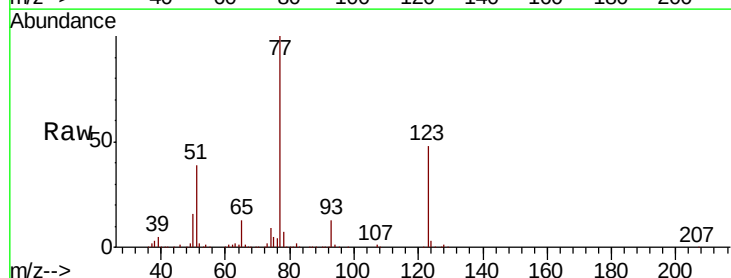
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

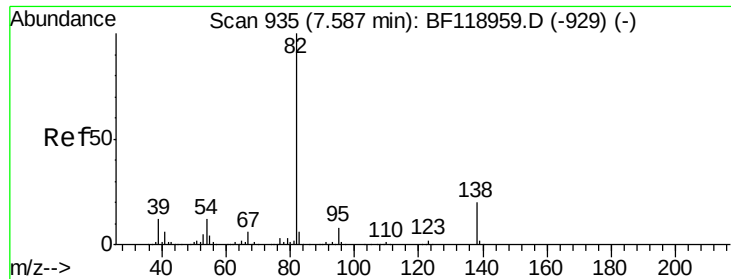
Tot Ion: 82 Resp: 1222395
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.2 57.2
 54 40.6 31.3 46.9



#24
 Nitrobenzene
 Concen: 52.581 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion: 77 Resp: 602482
 Ion Ratio Lower Upper
 77 100
 123 48.1 40.1 60.1
 65 13.2 10.9 16.3





#25

Isophorone

Concen: 51.755 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampled :

SSTDICC050

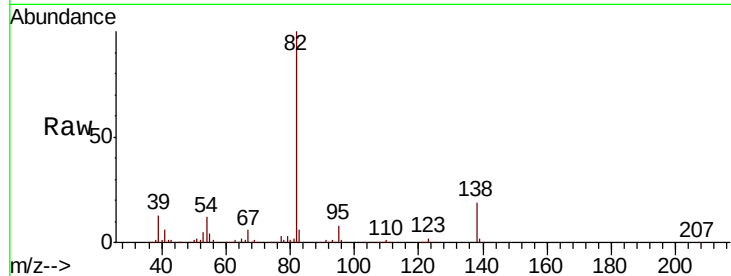
Tot Ion: 82 Resp: 1048627

Ion Ratio Lower Upper

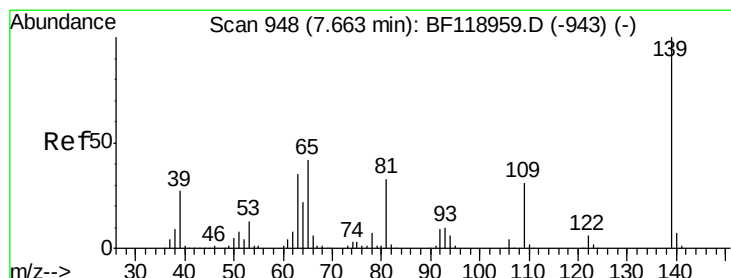
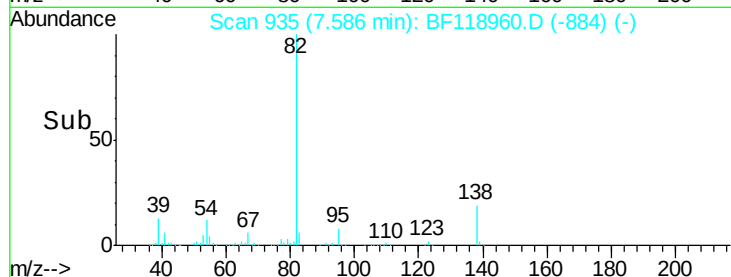
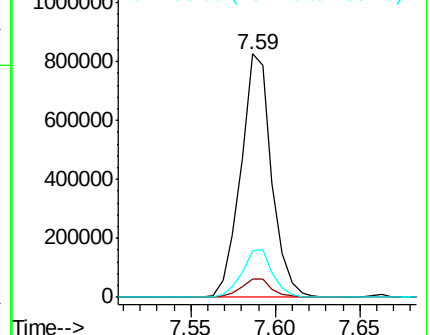
82 100

95 7.8 6.1 9.1

138 19.0 15.8 23.6



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: 52.792 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

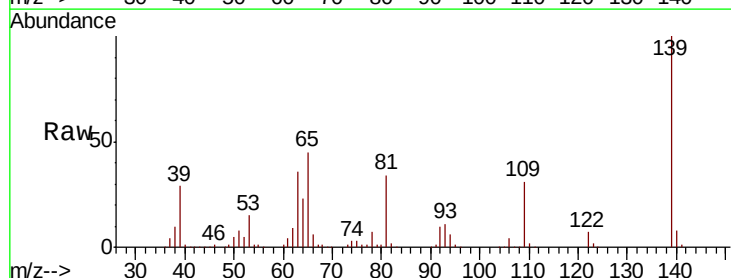
Tgt Ion: 139 Resp: 323046

Ion Ratio Lower Upper

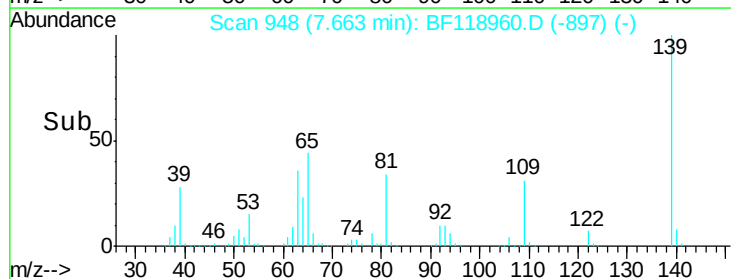
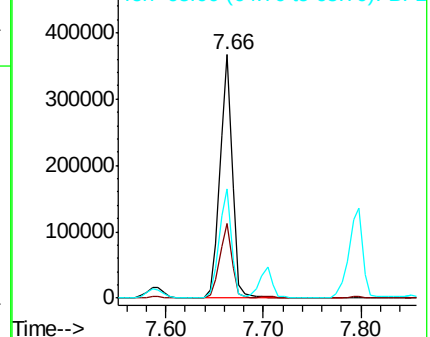
139 100

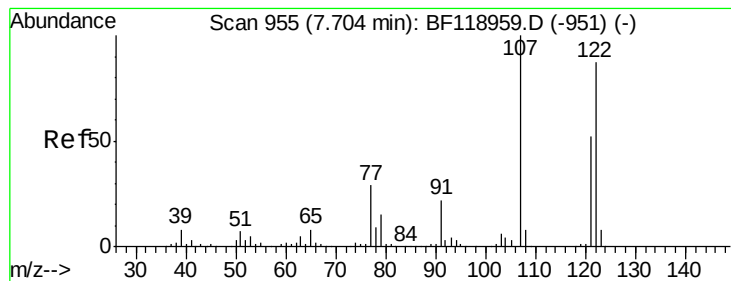
109 30.5 24.6 36.8

65 44.7 33.6 50.4



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: 52.987 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

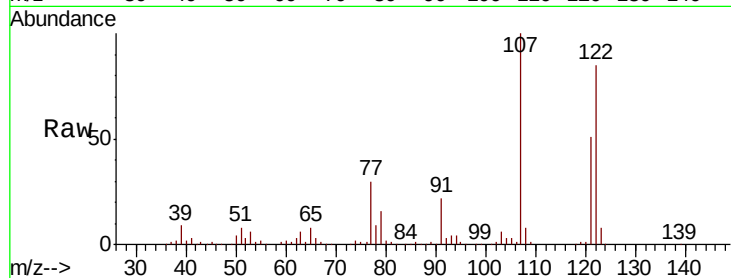
Tot Ion:122 Resp: 433931

Ion Ratio Lower Upper

122 100

107 117.9 91.8 137.8

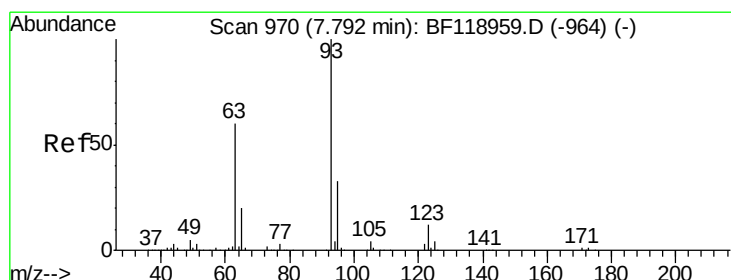
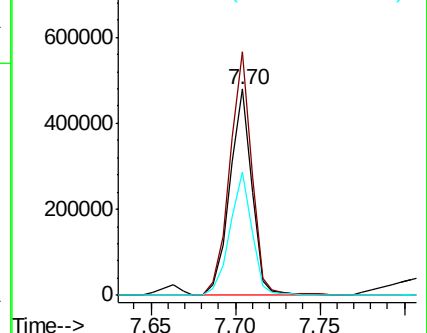
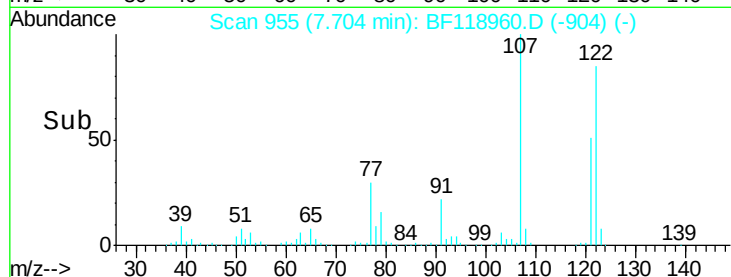
121 59.6 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.950 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

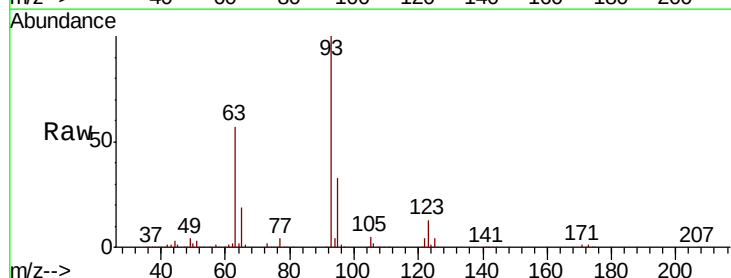
Tgt Ion: 93 Resp: 688559

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

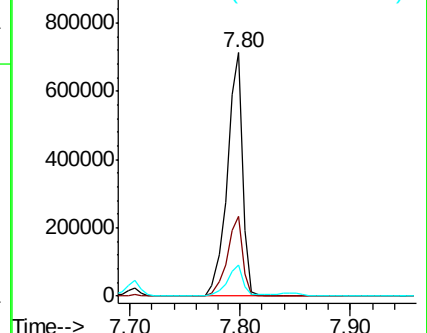
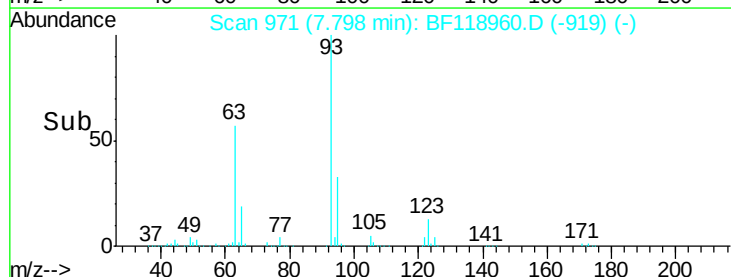
123 12.8 9.8 14.8

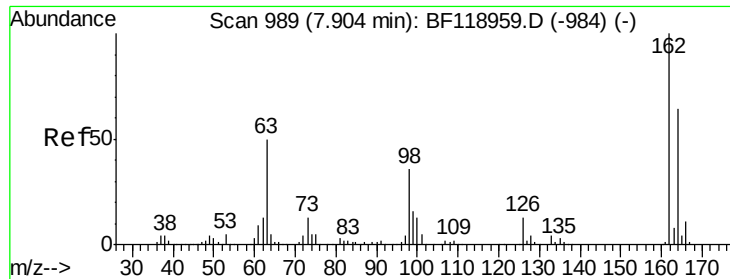


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

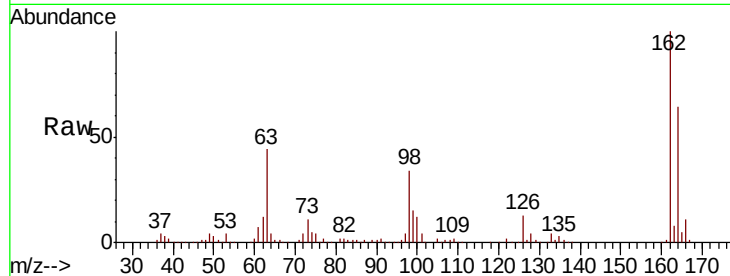




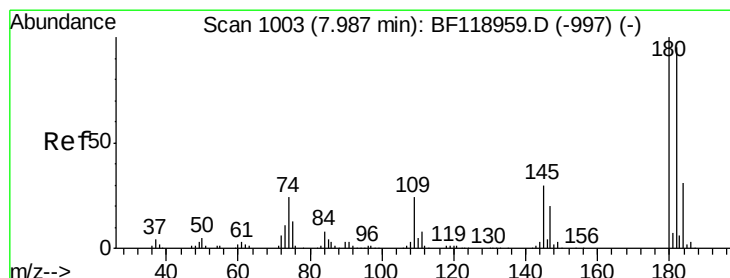
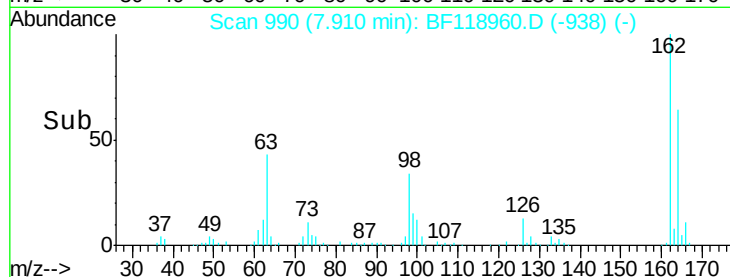
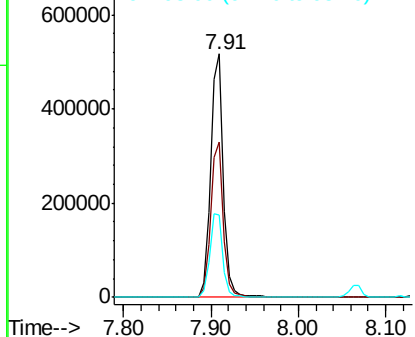
#29
 2,4-Dichlorophenol
 Concen: 52.958 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion:162 Resp: 517222
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.1 84.1
 98 33.8 16.4 56.4

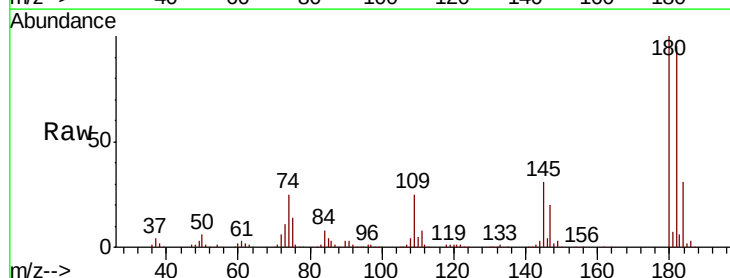


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

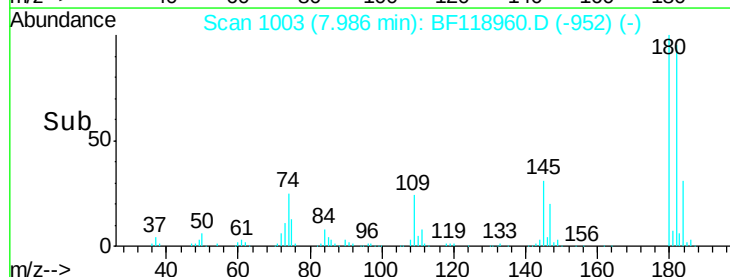
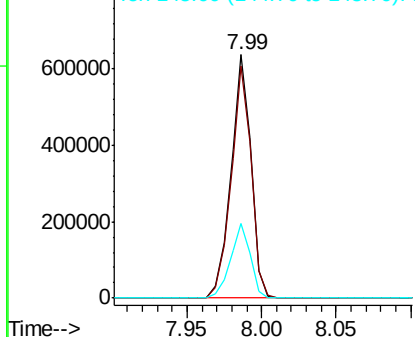


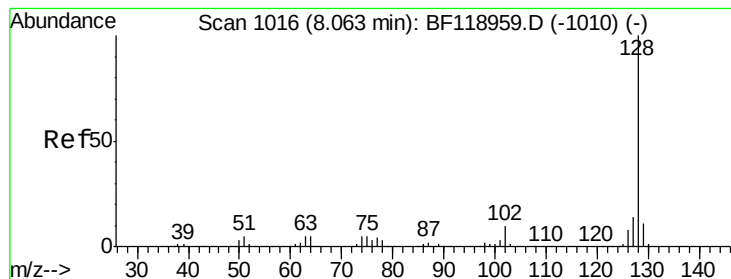
#30
 1,2,4-Trichlorobenzene
 Concen: 52.724 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:180 Resp: 604133
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.8 113.8
 145 30.6 24.2 36.2



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: 51.890 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

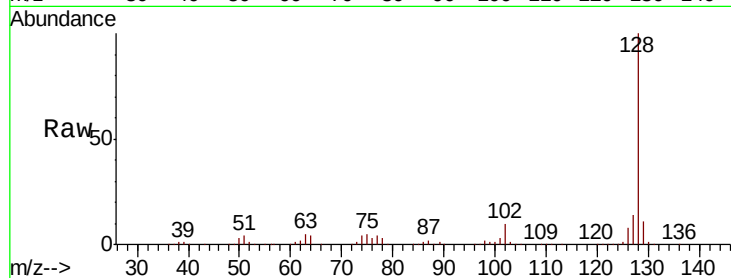
Tot Ion:128 Resp: 1654941

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.4

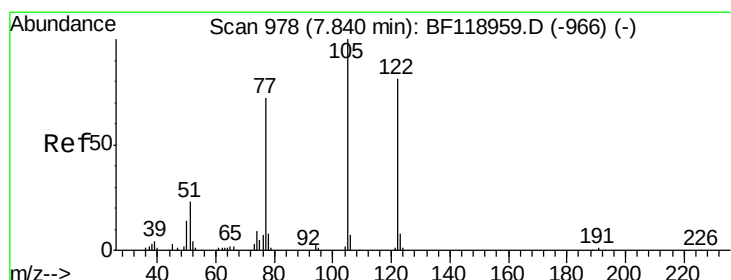
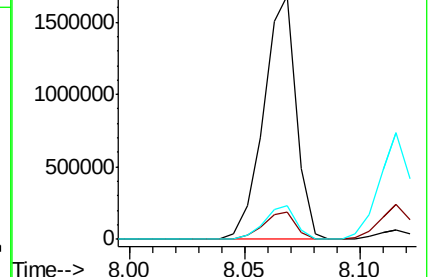
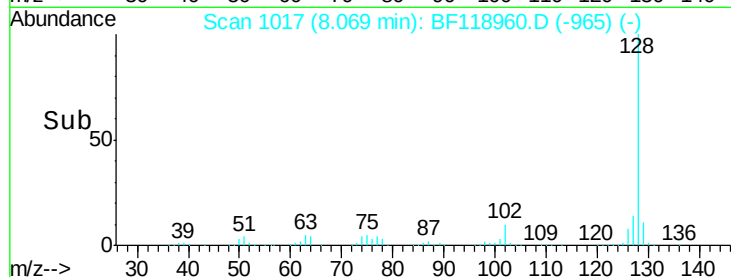
127 14.0 10.9 16.3



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: 52.000 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

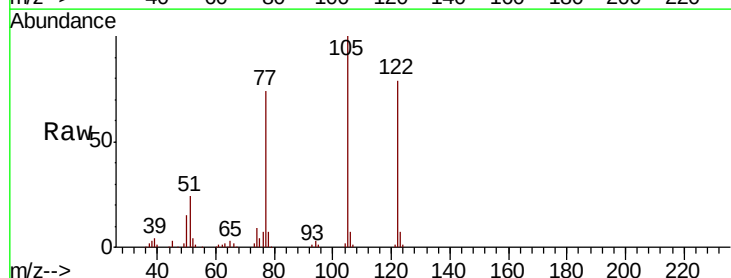
Tgt Ion:122 Resp: 307631

Ion Ratio Lower Upper

122 100

105 127.4 102.2 142.2

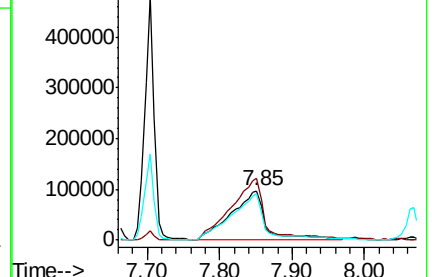
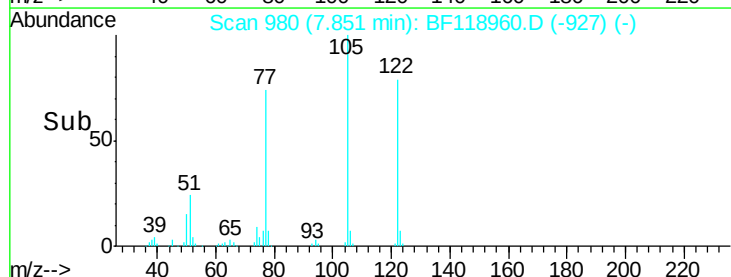
77 94.4 68.6 108.6

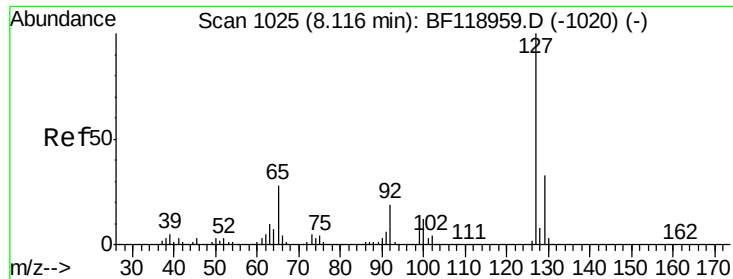


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

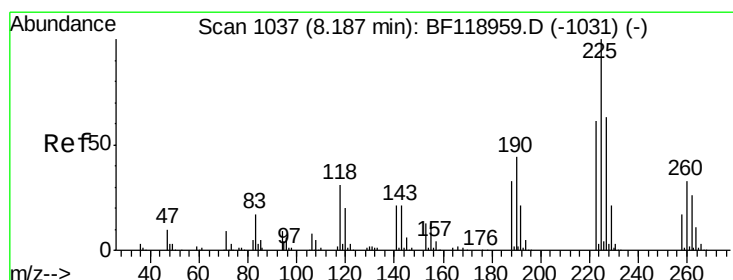
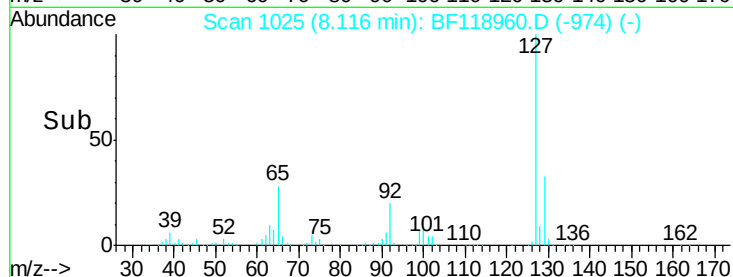
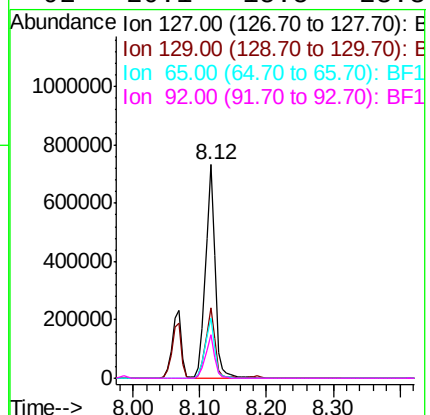
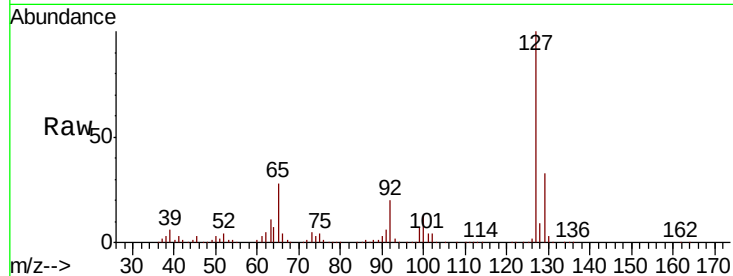




#33
4-Chloroaniline
Concen: 52.602 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

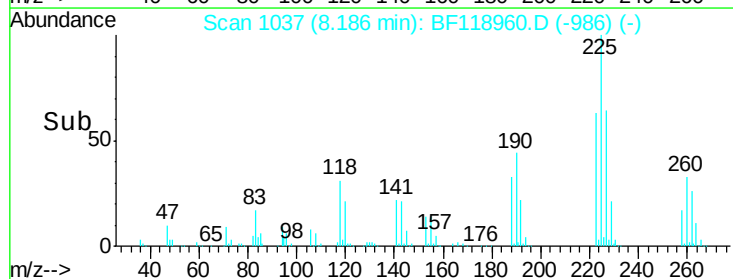
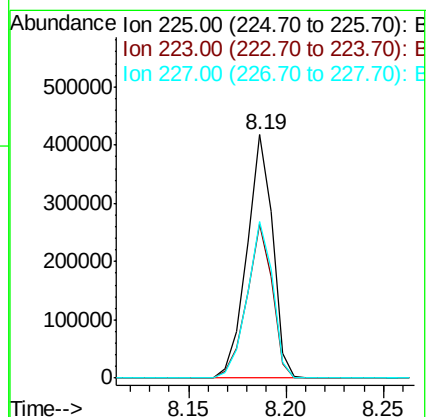
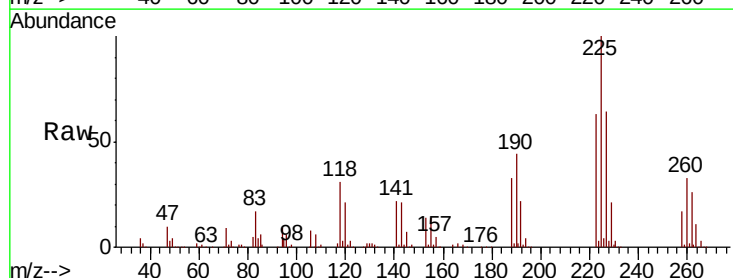
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

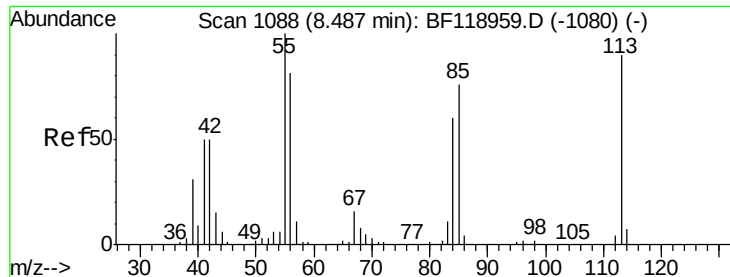
Tot Ion:	127	Resp:	718247
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	28.4	22.0	33.0
92	20.1	15.5	23.3



#34
Hexachlorobutadiene
Concen: 53.831 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:	225	Resp:	381610
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.9	73.3
227	64.4	50.4	75.6





#35

Caprolactam

Concen: 53.060 ng

RT: 8.50 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

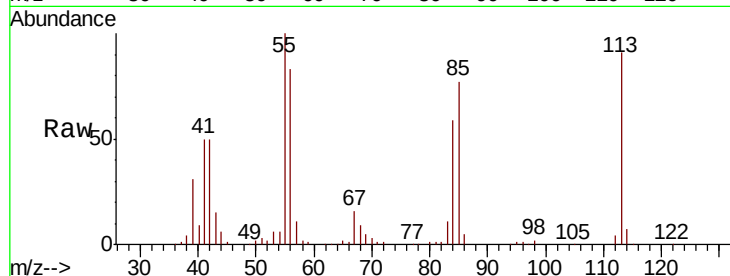
Tot Ion:113 Resp: 156792

Ion Ratio Lower Upper

113 100

55 109.7 90.8 130.8

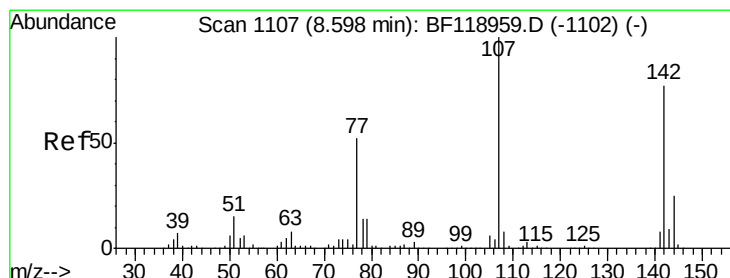
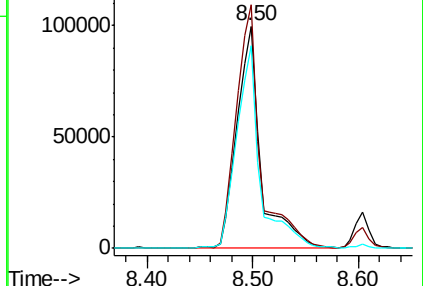
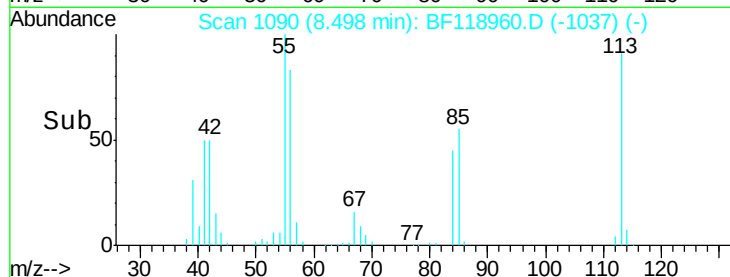
56 91.2 70.0 110.0



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: 52.820 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

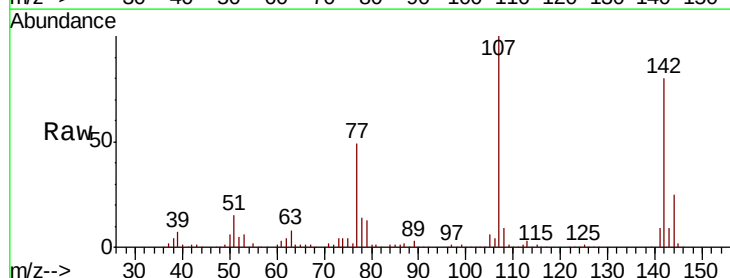
Tgt Ion:107 Resp: 515496

Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.8

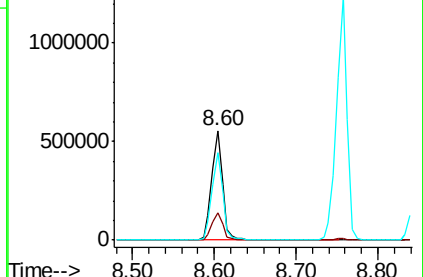
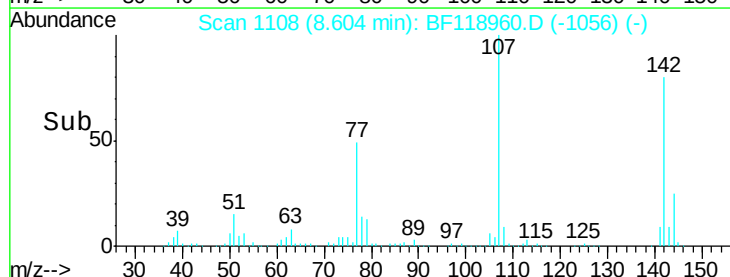
142 79.6 61.3 91.9

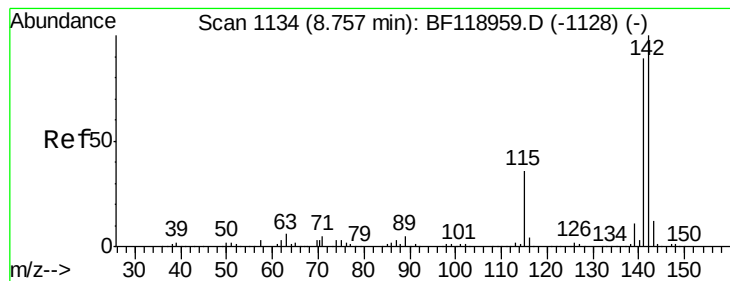


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.500 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

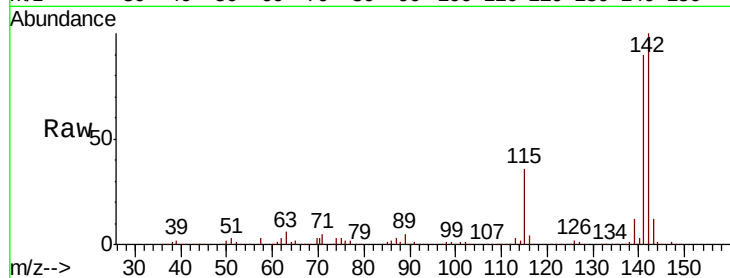
Tot Ion:142 Resp: 1116961

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.4

115 36.4 28.6 42.8



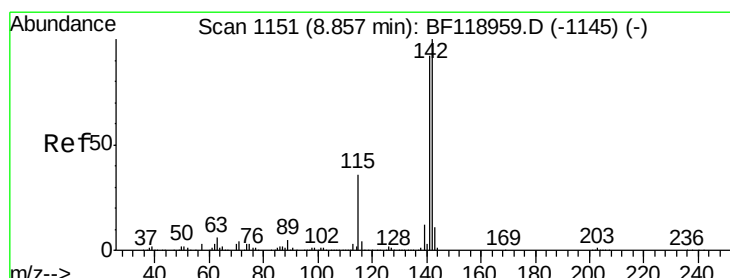
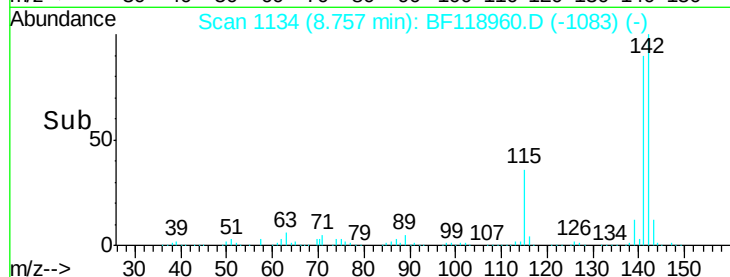
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.76

Time-->



#38

1-Methylnaphthalene

Concen: 52.510 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

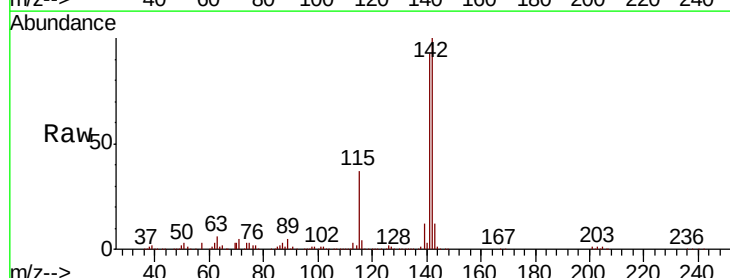
Tgt Ion:142 Resp: 1047632

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5

116 4.0 3.0 4.6



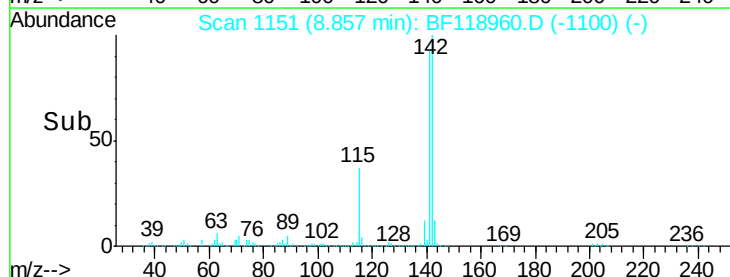
Abundance Ion 142.00 (141.70 to 142.70): E

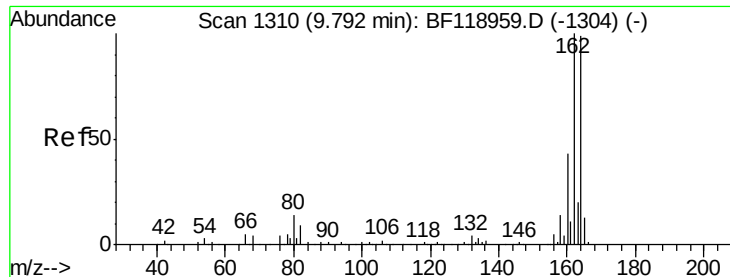
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.86

Time-->

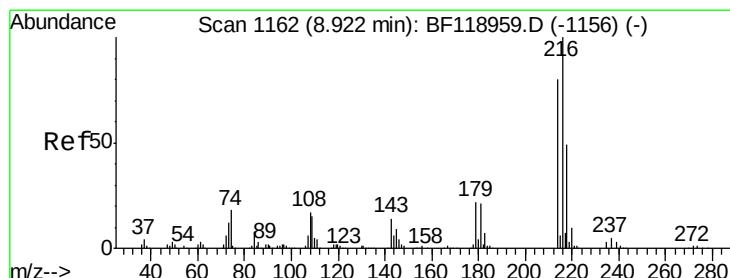
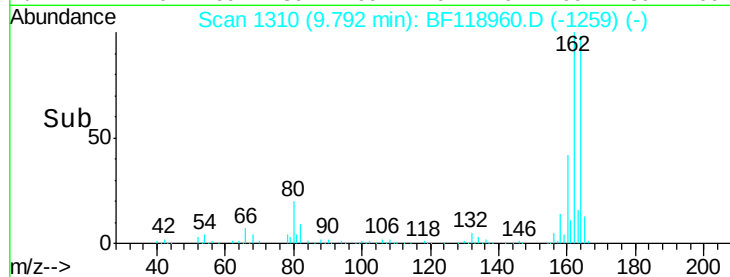
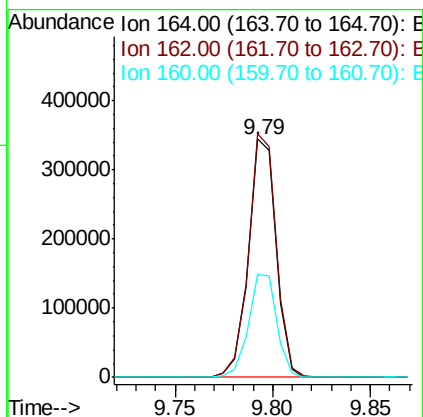
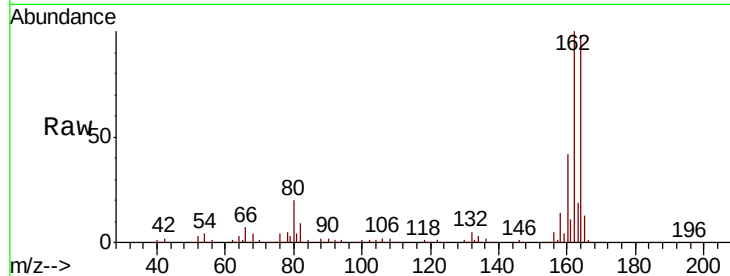




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

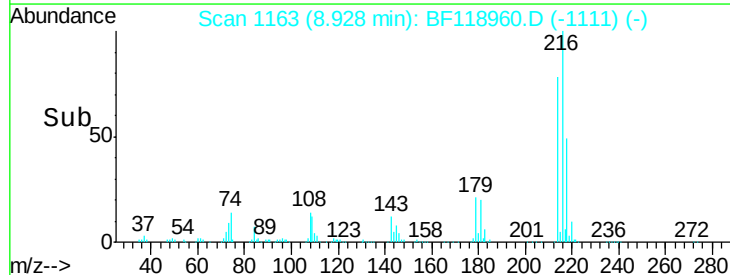
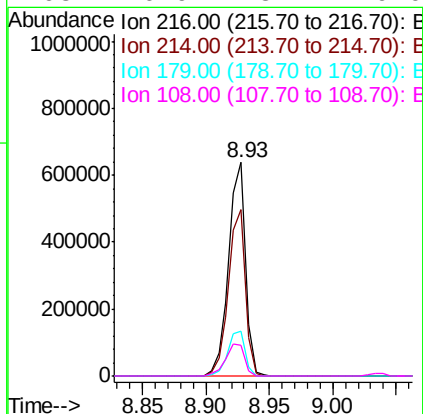
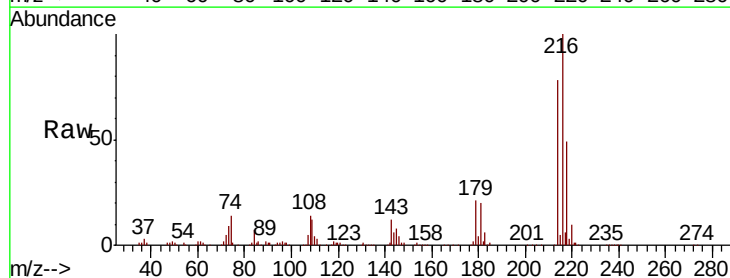
Instrument :
 BNA_F
 ClientSampleId :
 SSTDIC050

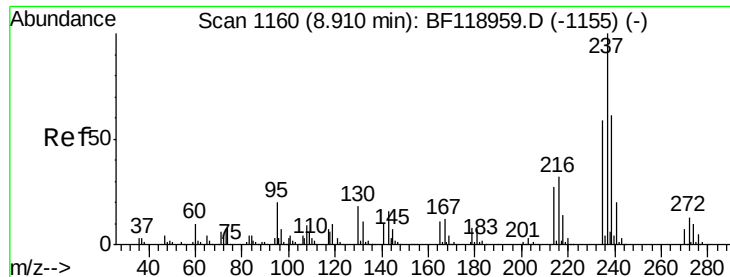
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.2	121.8
160	43.2	35.2	52.8



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 53.963 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.1	94.7
179	21.5	17.2	25.8
108	16.9	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 59.746 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

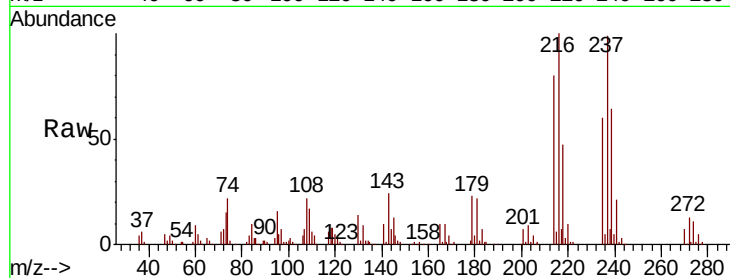
Tot Ion:237 Resp: 194803

Ion Ratio Lower Upper

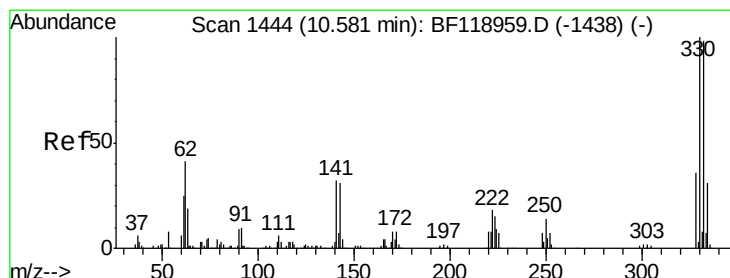
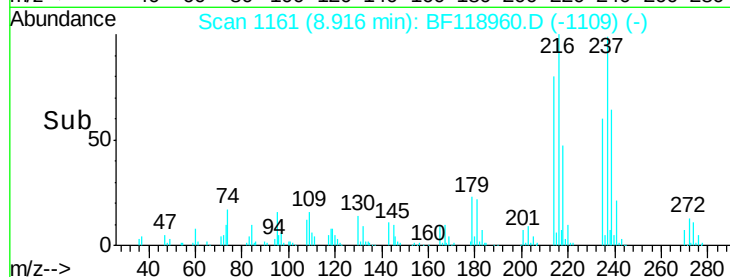
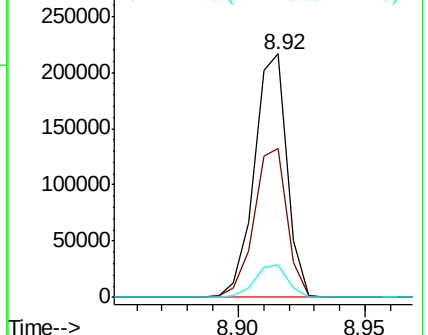
237 100

235 61.2 39.4 79.4

272 13.4 0.0 32.6



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: 106.569 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

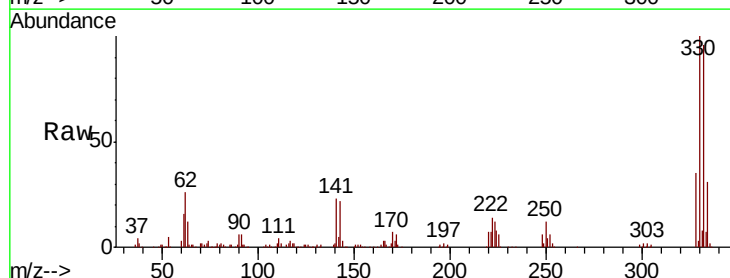
Tgt Ion:330 Resp: 447162

Ion Ratio Lower Upper

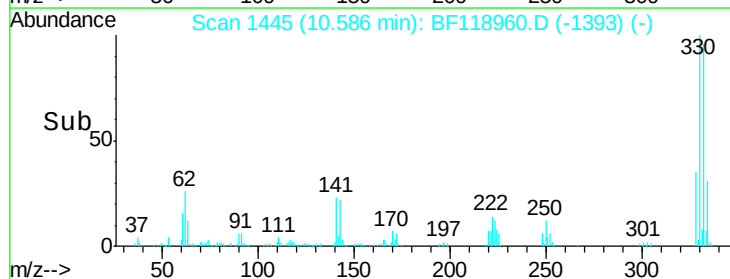
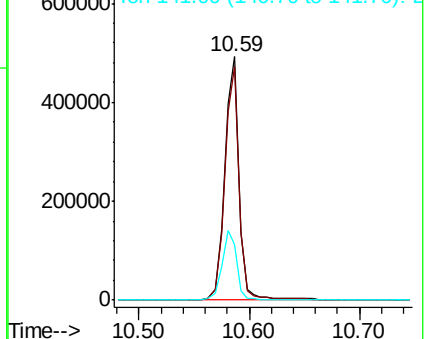
330 100

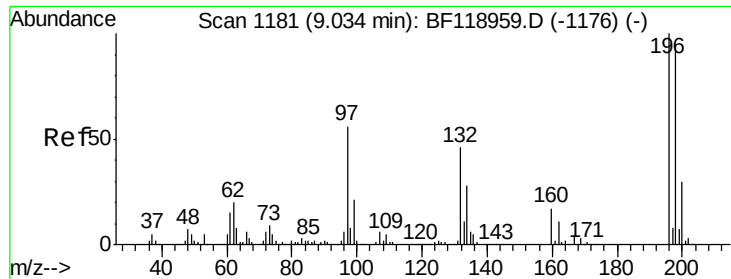
332 97.3 77.1 115.7

141 29.1 23.0 34.6



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

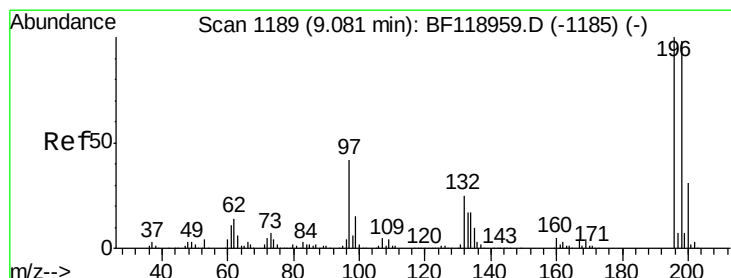
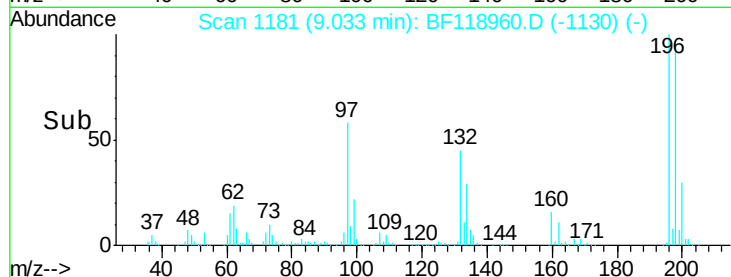
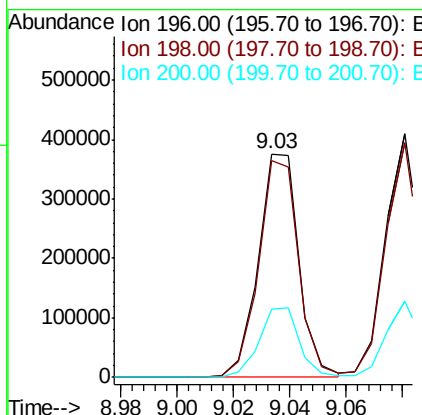
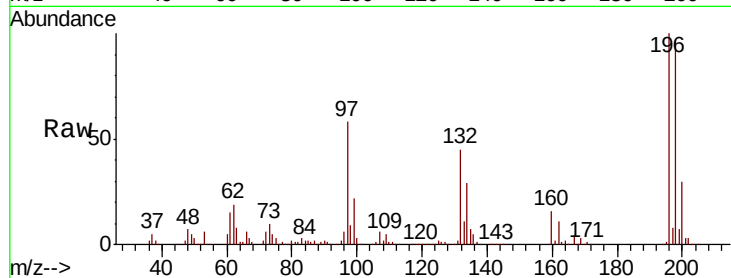




#43
 2,4,6-Trichlorophenol
 Concen: 52.121 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

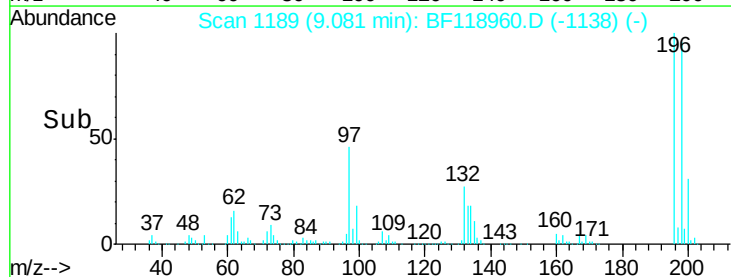
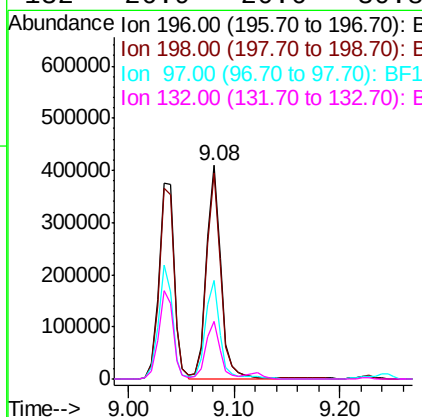
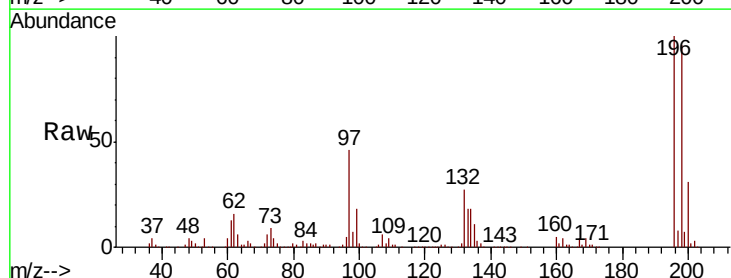
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

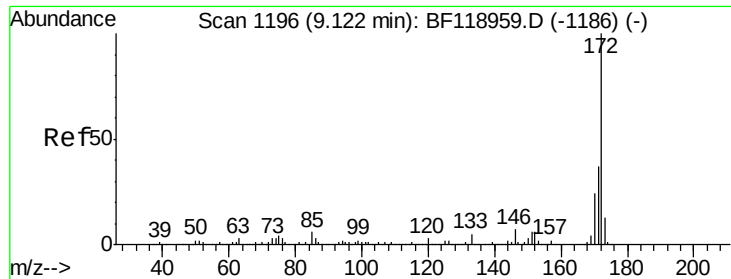
Tot Ion:196 Resp: 373755
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.8 113.6
 200 30.5 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 52.792 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:196 Resp: 392507
 Ion Ratio Lower Upper
 196 100
 198 96.2 78.4 117.6
 97 46.5 33.4 50.0
 132 26.9 20.6 30.8

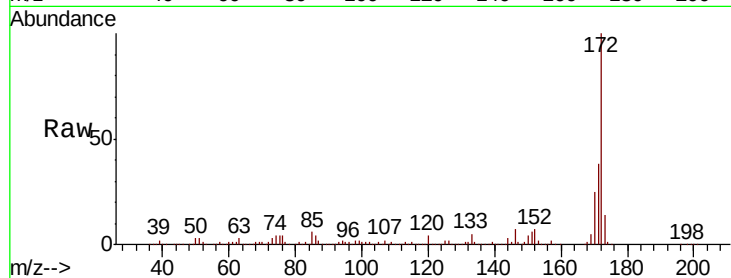




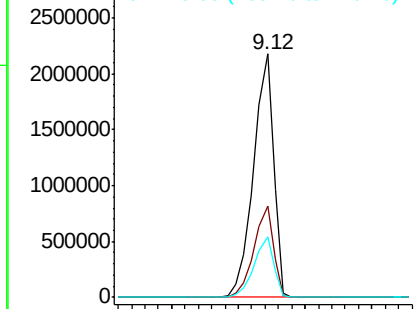
#45
2-Fluorobiphenyl
Concen: 106.807 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

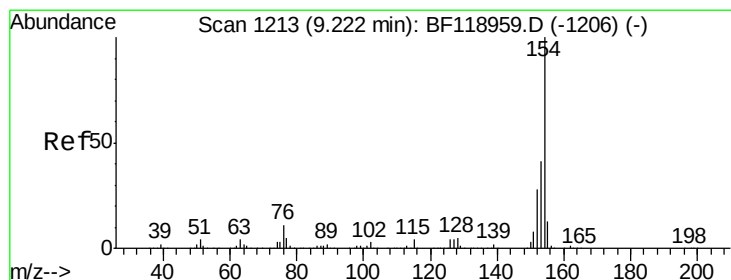
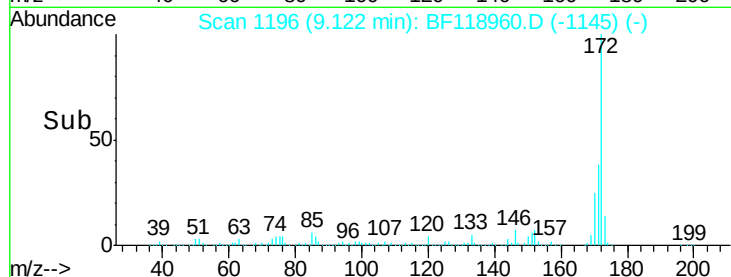
Tot Ion:172 Resp: 2239605
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 24.8 19.6 29.4



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

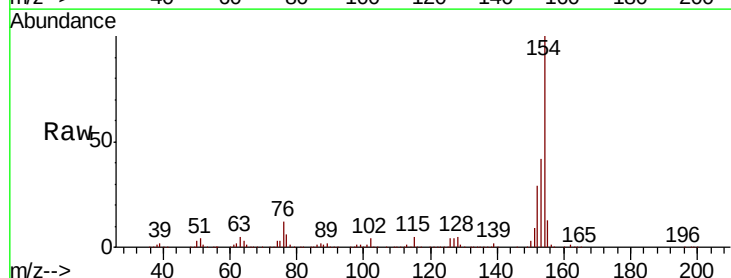


Time-->

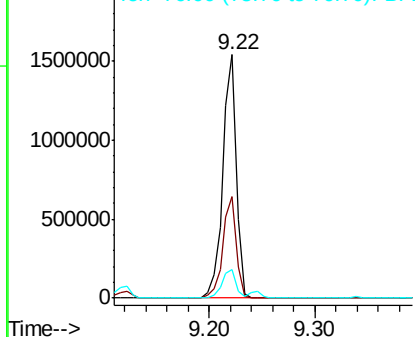


#46
1,1'-Biphenyl
Concen: 53.381 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

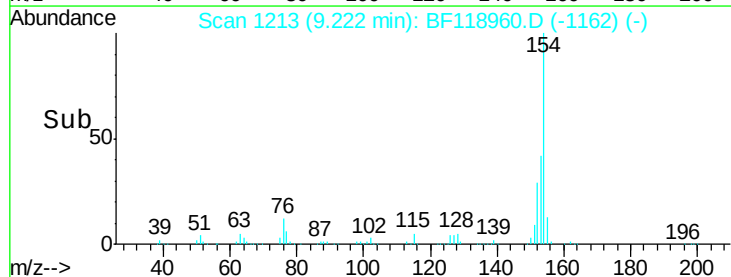
Tgt Ion:154 Resp: 1389995
Ion Ratio Lower Upper
154 100
153 41.6 21.2 61.2
76 11.8 0.0 31.1

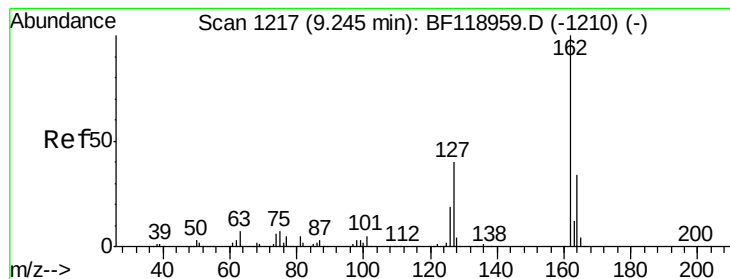


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time-->





#47

2-Chloronaphthalene

Concen: 52.423 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

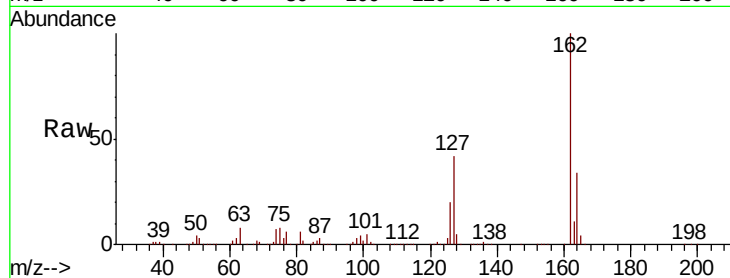
Tot Ion:162 Resp: 1132875

Ion Ratio Lower Upper

162 100

127 42.1 31.9 47.9

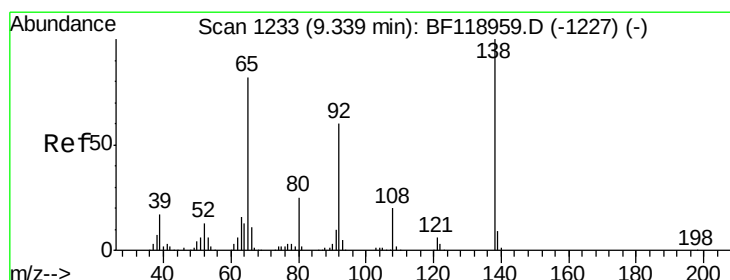
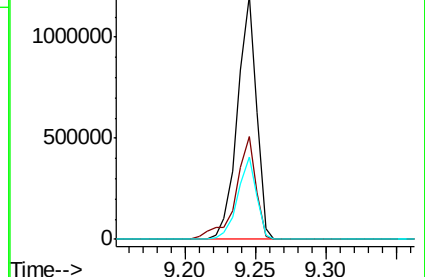
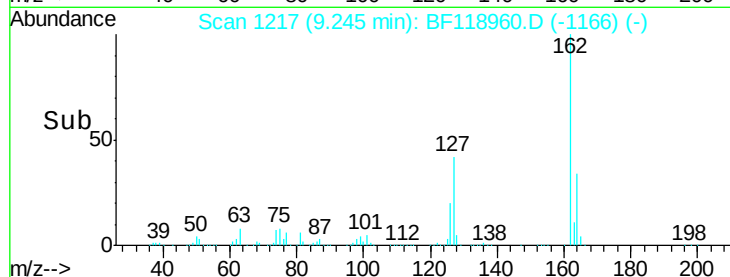
164 33.6 26.8 40.2



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: 52.272 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

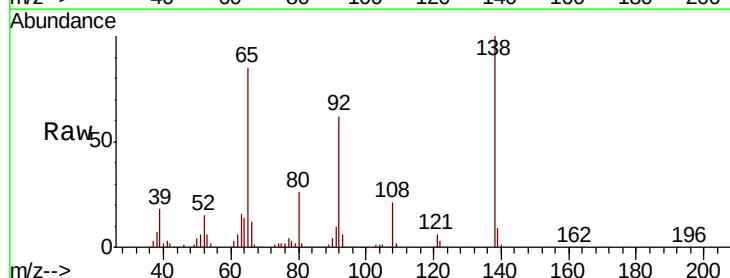
Tgt Ion: 65 Resp: 316070

Ion Ratio Lower Upper

65 100

92 73.3 58.6 87.8

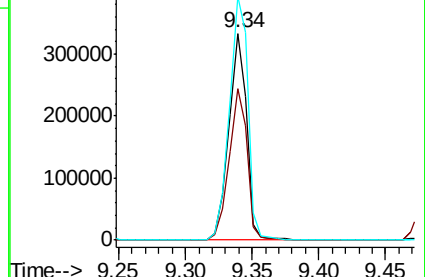
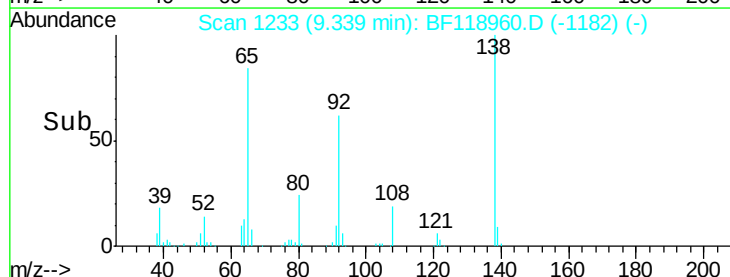
138 117.6 97.5 146.3

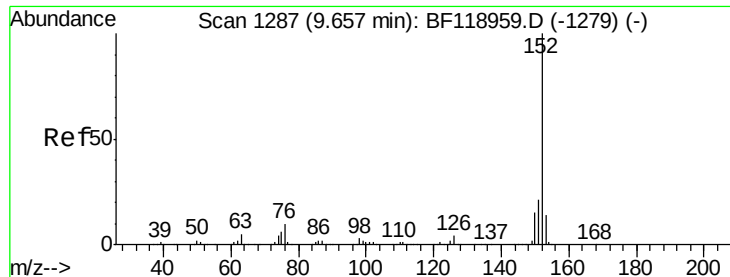


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 52.875 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

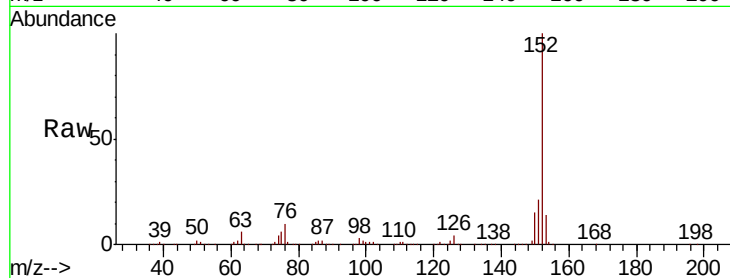
Tot Ion:152 Resp: 1631503

Ion Ratio Lower Upper

152 100

151 21.1 16.7 25.1

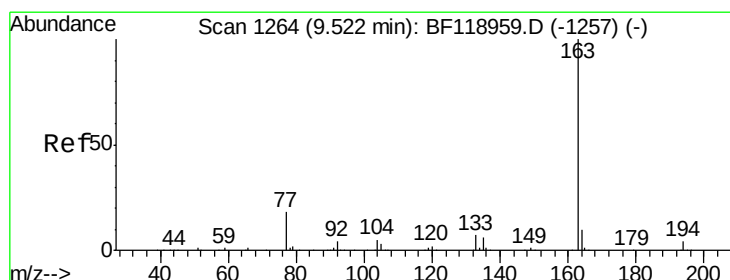
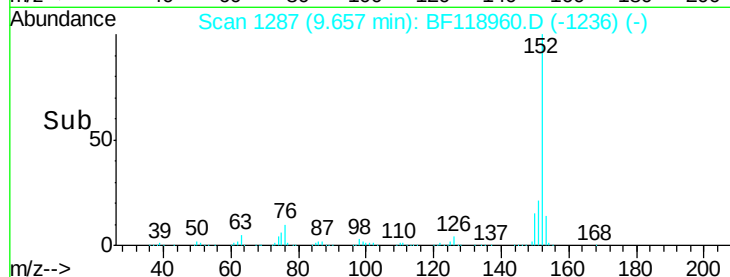
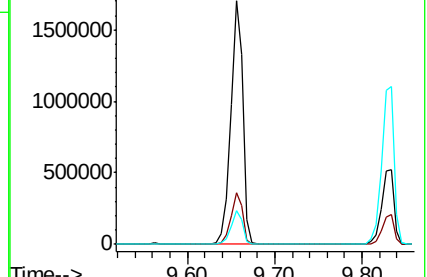
153 13.7 10.9 16.3



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: 51.273 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

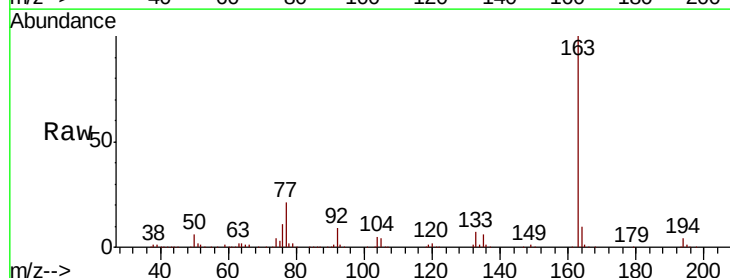
Tgt Ion:163 Resp: 1311154

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

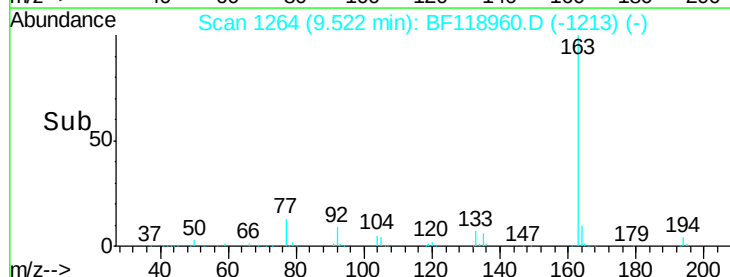
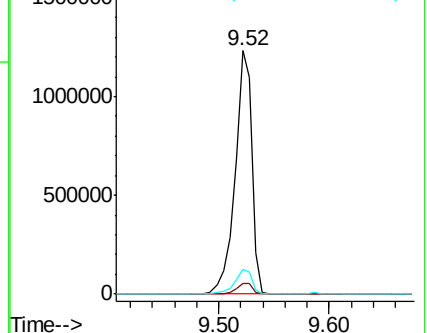
164 10.4 8.2 12.2

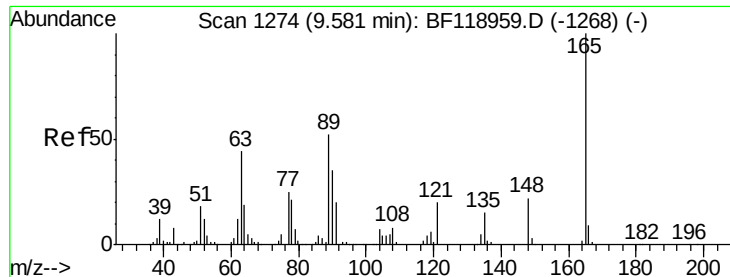


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.900 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

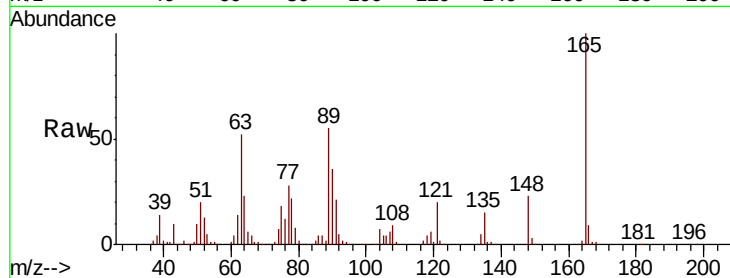
Tot Ion:165 Resp: 296430

Ion Ratio Lower Upper

165 100

63 51.6 37.9 56.9

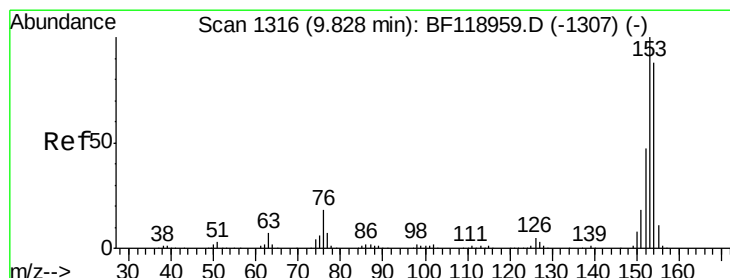
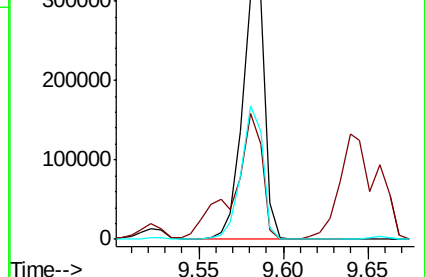
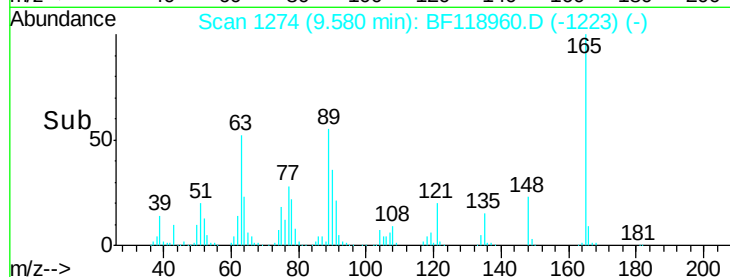
89 55.1 41.4 62.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 51.723 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

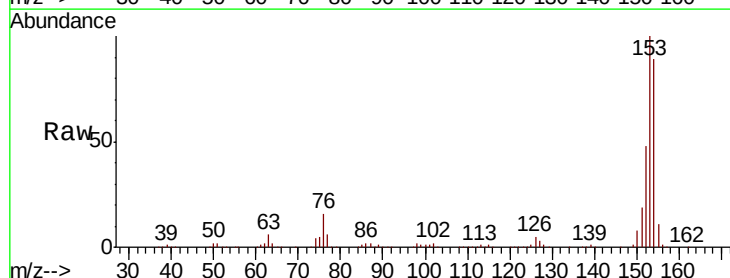
Tgt Ion:154 Resp: 971498

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

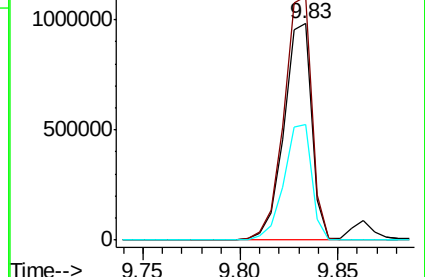
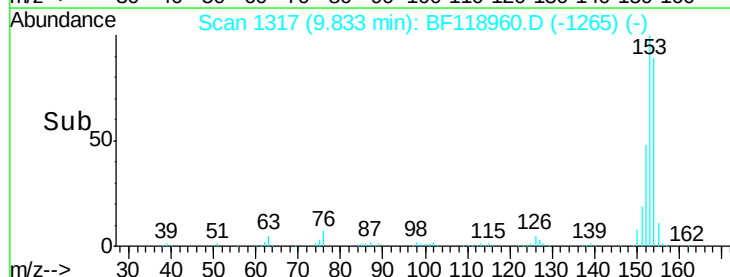
152 53.5 42.9 64.3

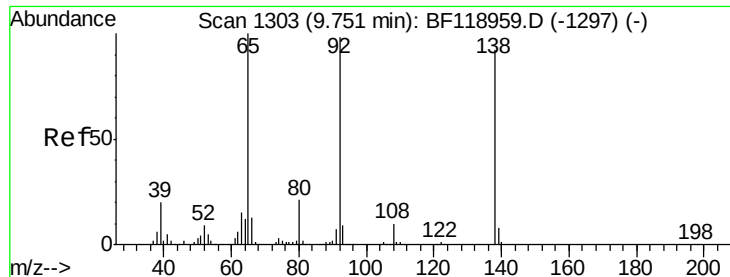


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

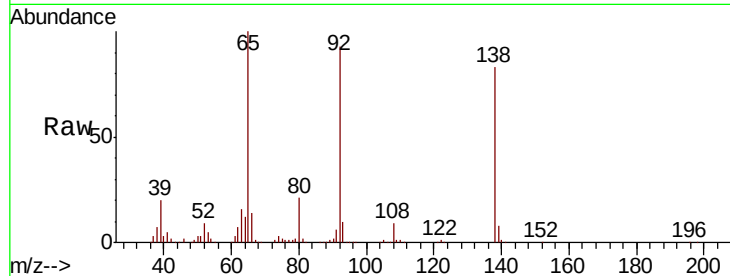




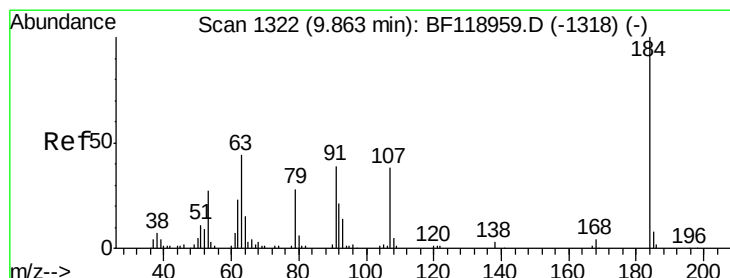
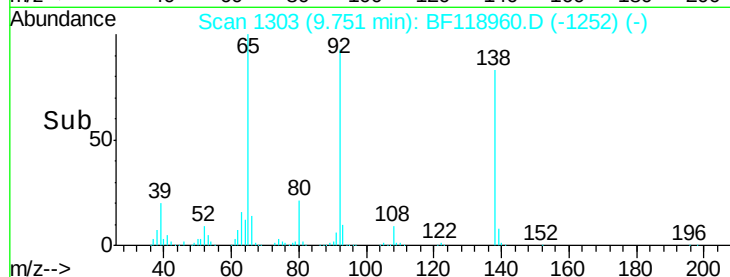
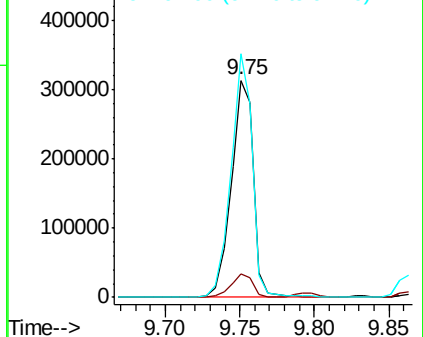
#53
3-Nitroaniline
Concen: 51.892 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:138 Resp: 326191
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 112.2 84.6 127.0

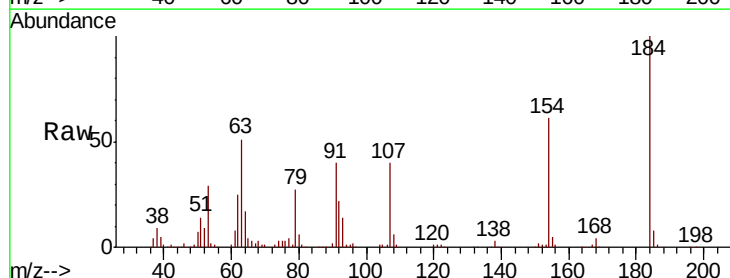


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

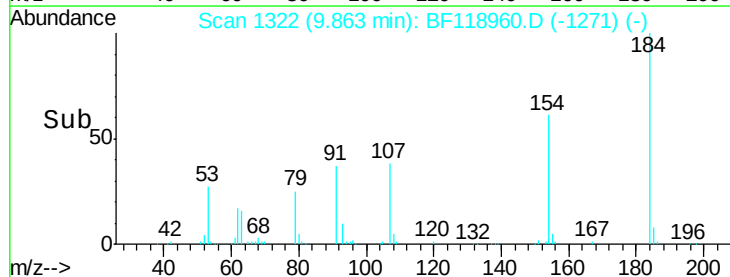
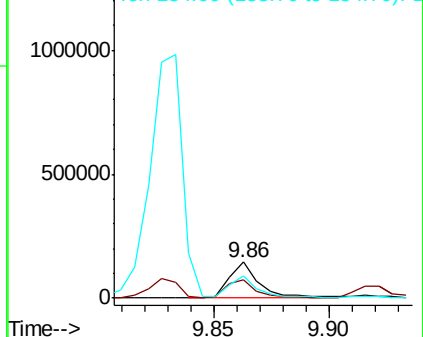


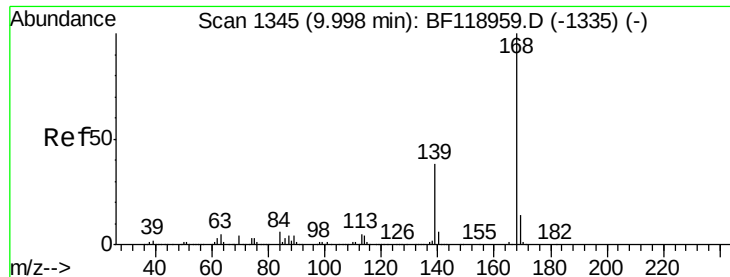
#54
2,4-Dinitrophenol
Concen: 51.926 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:184 Resp: 131915
Ion Ratio Lower Upper
184 100
63 51.0 37.8 56.6
154 61.3 47.6 71.4



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





#55

Dibenzenofuran

Concen: 51.919 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

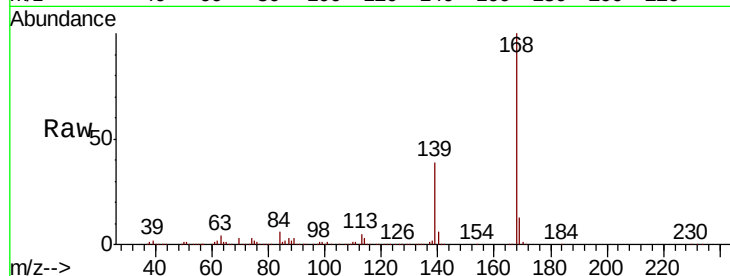
Tot Ion:168 Resp: 1455675

Ion Ratio Lower Upper

168 100

139 39.2 31.7 47.5

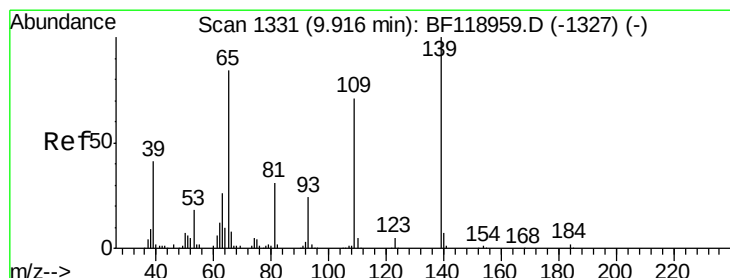
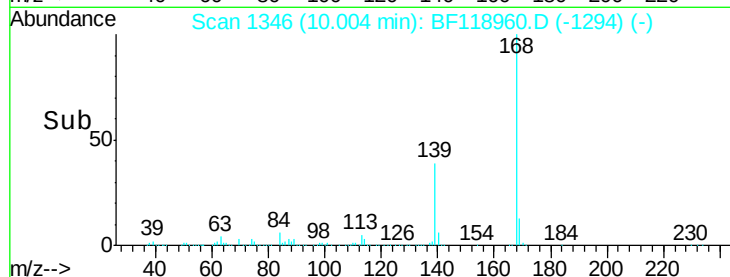
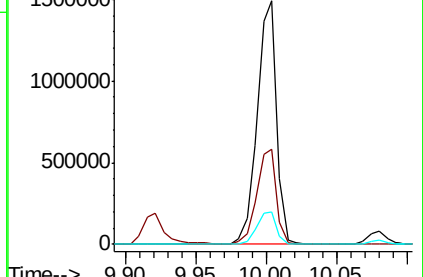
169 13.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E

2000000 Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 51.883 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

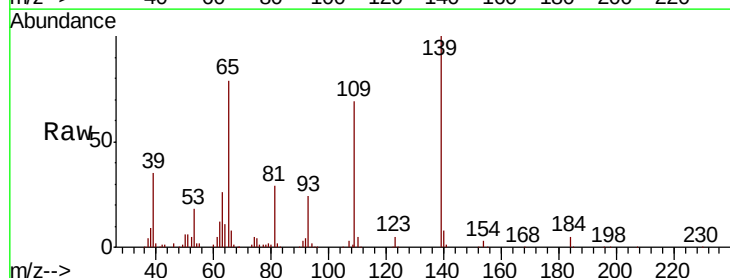
Tgt Ion:139 Resp: 200906

Ion Ratio Lower Upper

139 100

109 69.4 51.1 91.1

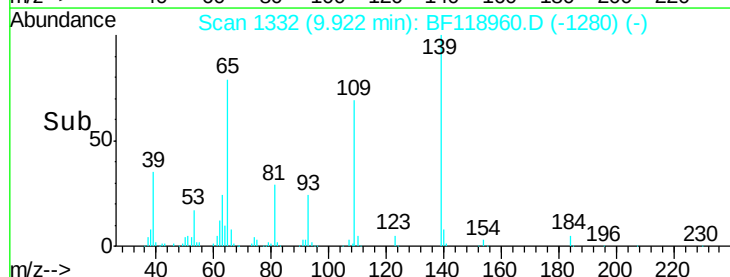
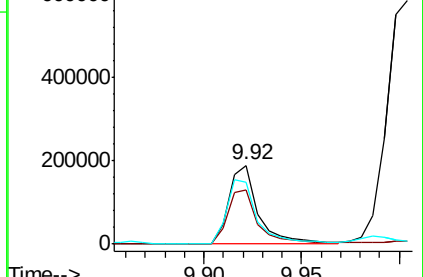
65 79.1 64.7 104.7

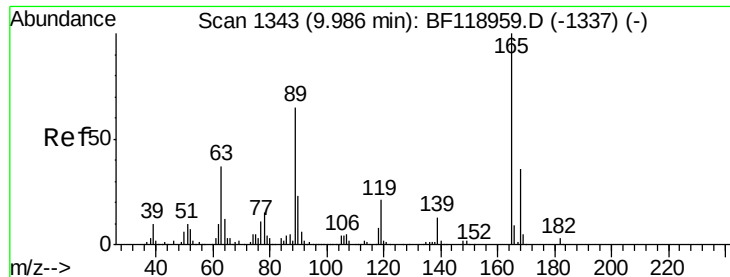


Abundance Ion 139.00 (138.70 to 139.70): E

800000 Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 52.528 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:165 Resp: 388102

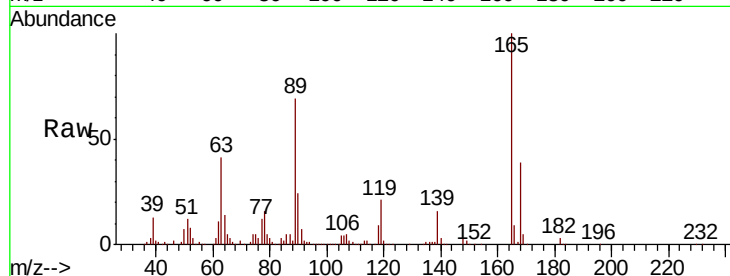
Ion Ratio Lower Upper

165 100

63 40.7 29.8 44.8

89 68.9 51.9 77.9

182 2.9 2.3 3.5

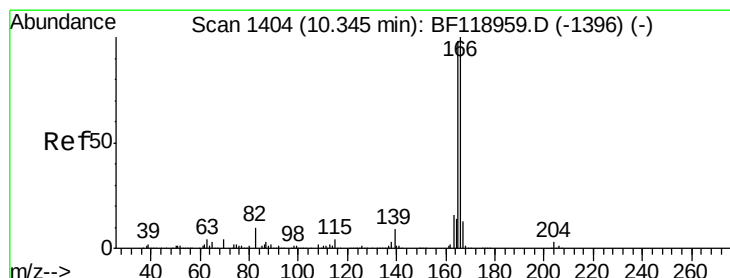
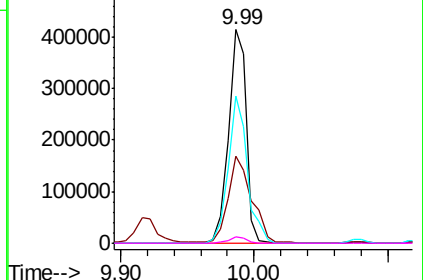
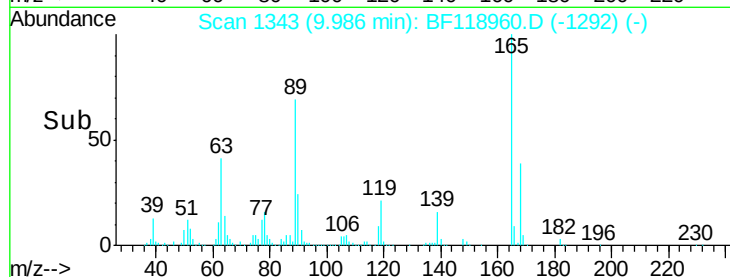


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.076 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

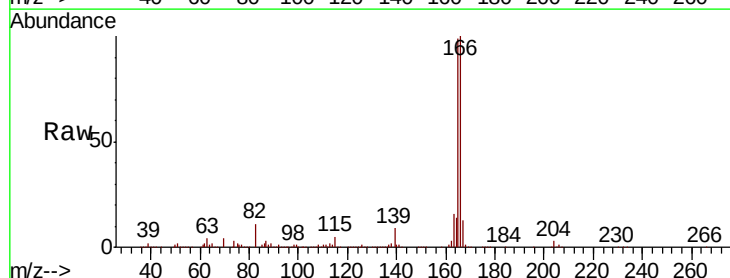
Tgt Ion:166 Resp: 1109828

Ion Ratio Lower Upper

166 100

165 98.8 78.2 117.4

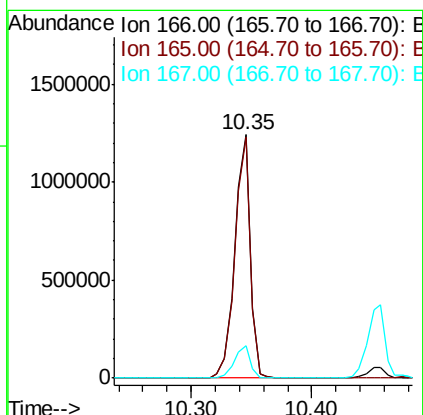
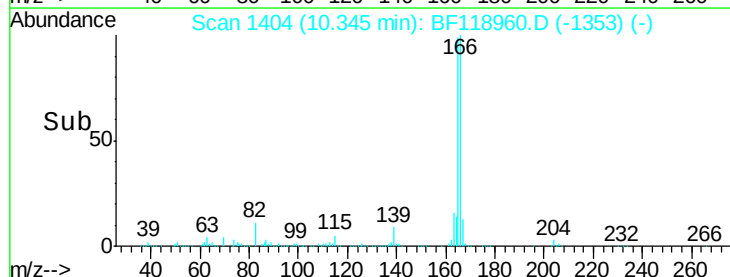
167 13.5 10.6 16.0

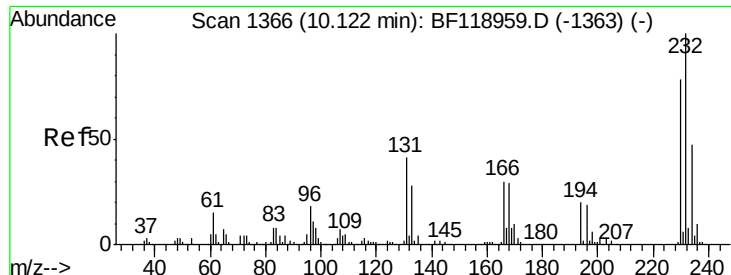


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

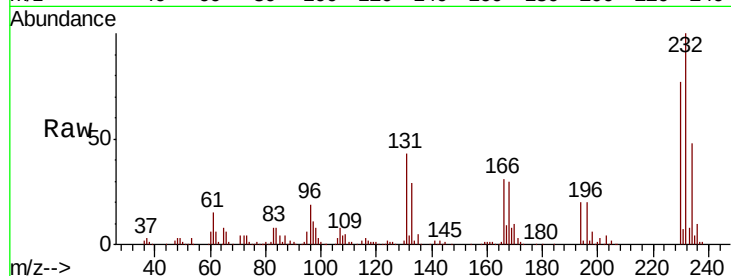




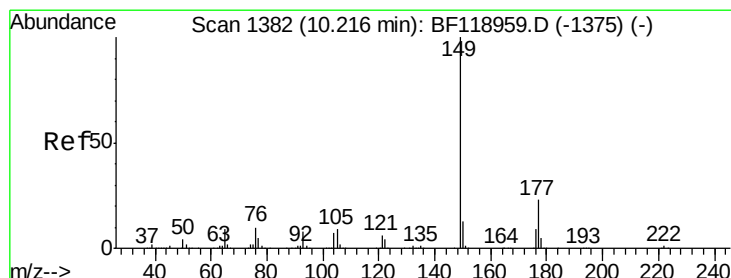
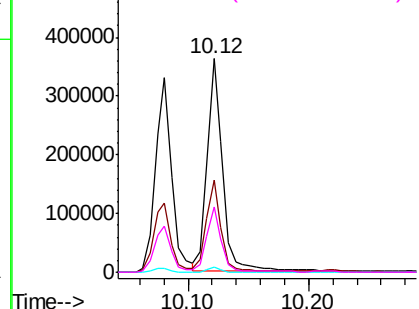
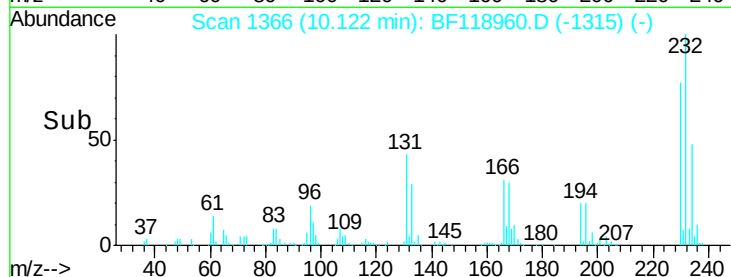
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.403 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.0	51.0
130	2.3	1.6	2.4
166	29.3	23.6	35.4

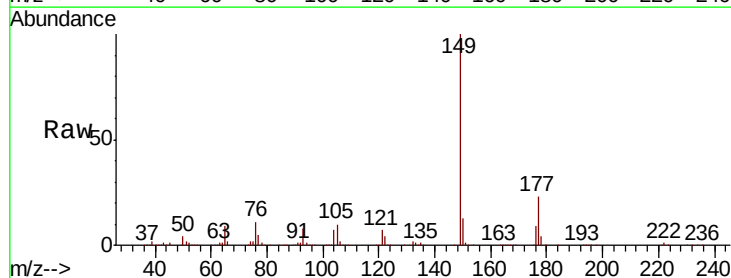


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

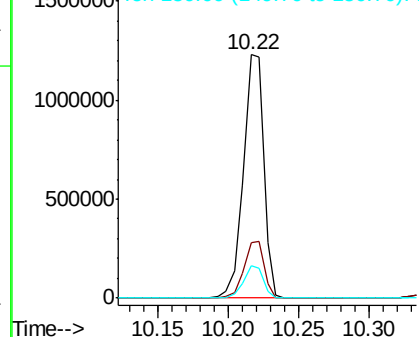
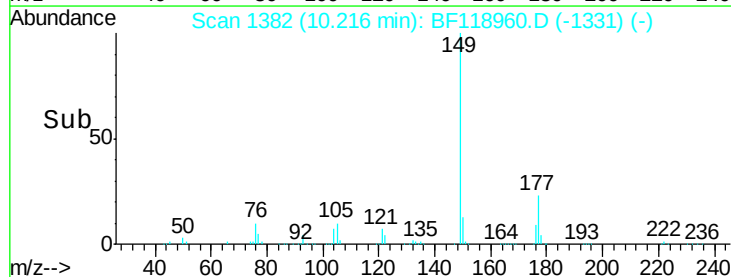


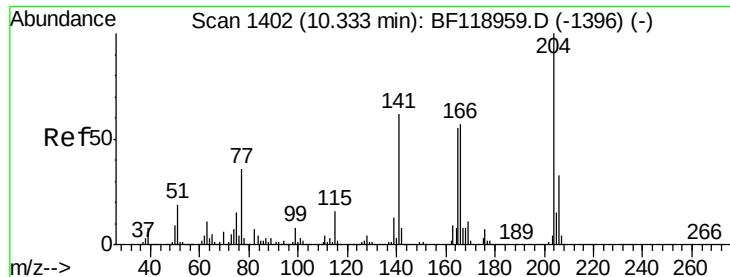
#60
 Diethylphthalate
 Concen: 51.310 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	13.4	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

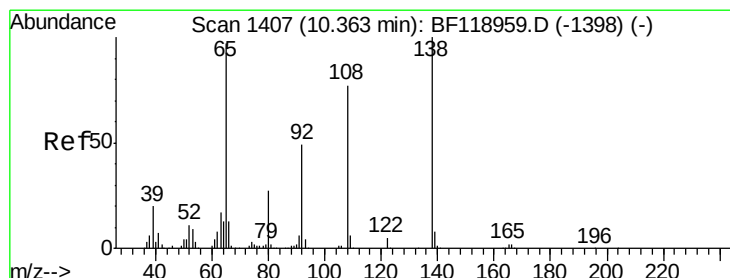
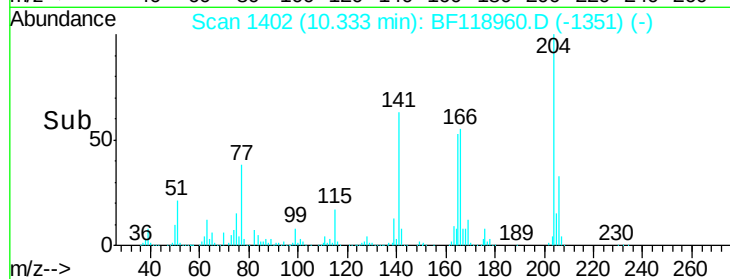
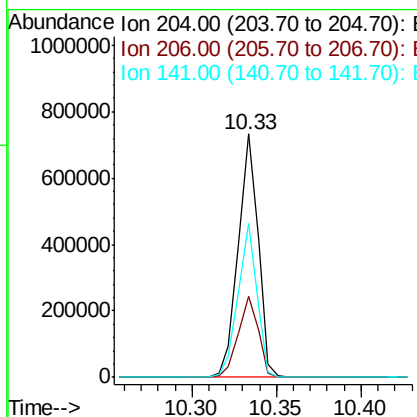
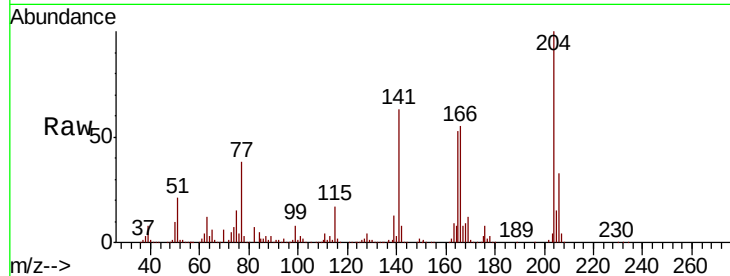




#61
 4-Chlorophenyl-phenylether
 Concen: 51.726 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

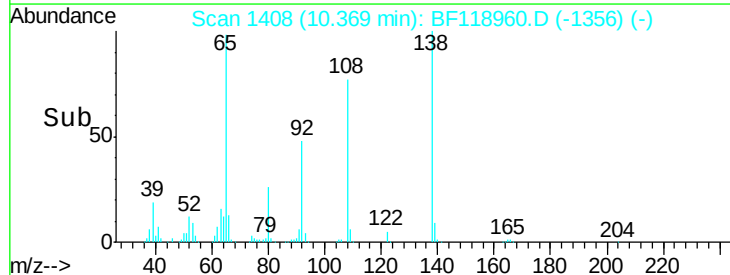
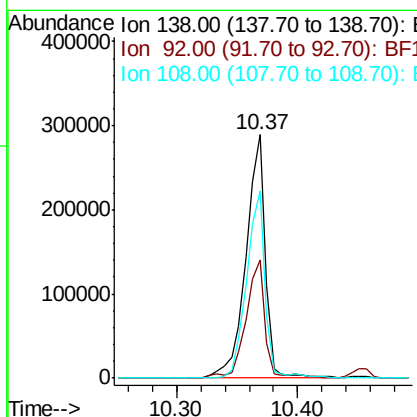
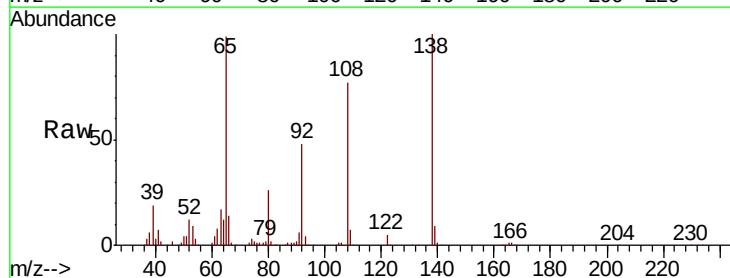
Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

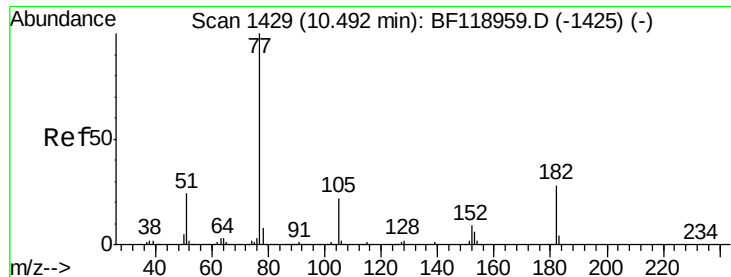
Tot Ion:	204	Resp:	598074
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.1	49.5	74.3



#62
 4-Nitroaniline
 Concen: 50.416 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.01 min
 Lab File: BF118960.D
 Acq: 20 Feb 2020 14:50

Tgt Ion:	138	Resp:	326256
Ion	Ratio	Lower	Upper
138	100		
92	48.4	28.7	68.7
108	76.8	56.8	96.8

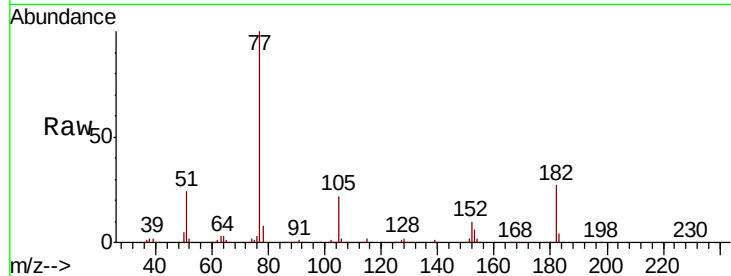




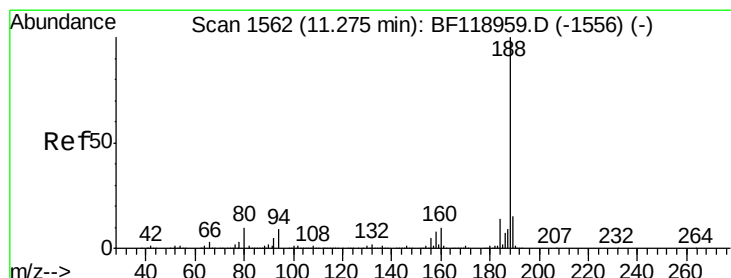
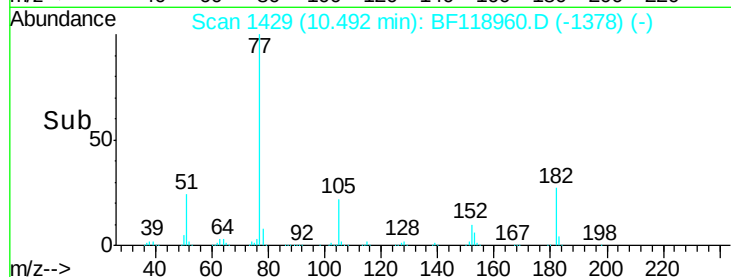
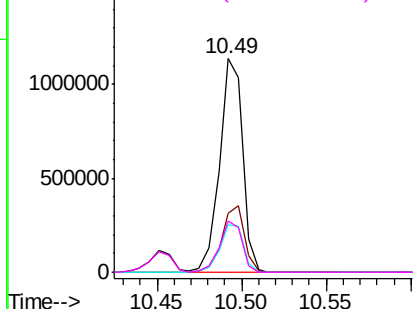
#63
Azobenzene
Concen: 50.891 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion: 77 Resp: 1078899
Ion Ratio Lower Upper
77 100
182 27.4 8.2 48.2
105 22.2 2.3 42.3
51 24.1 3.6 43.6

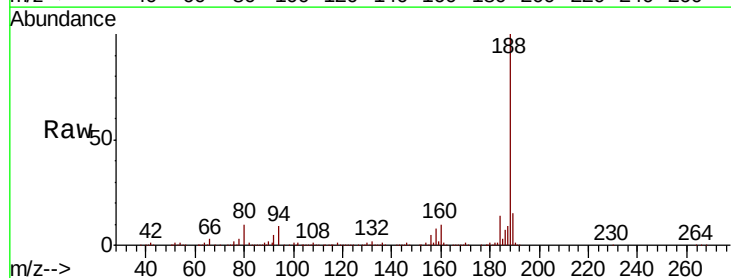


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

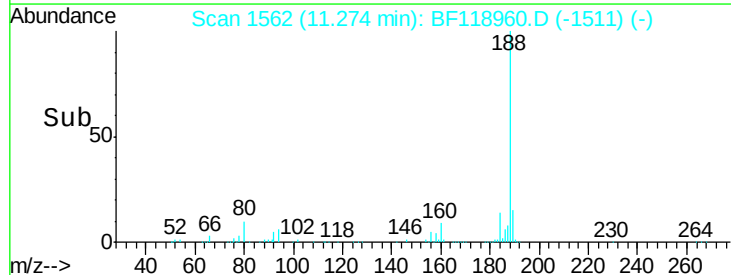
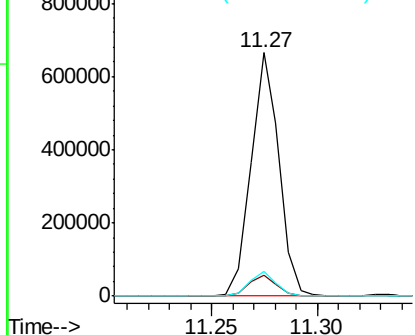


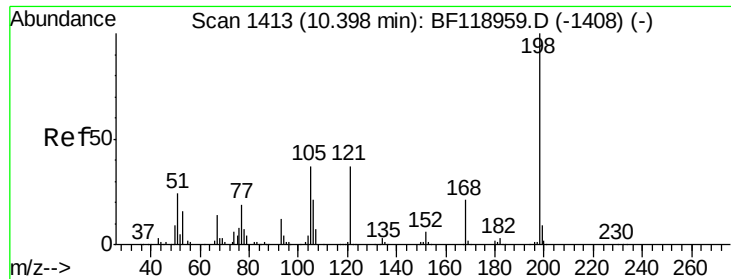
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion: 188 Resp: 609427
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.1 7.9 11.9



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

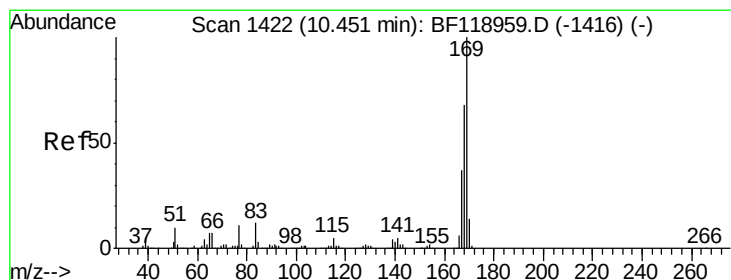
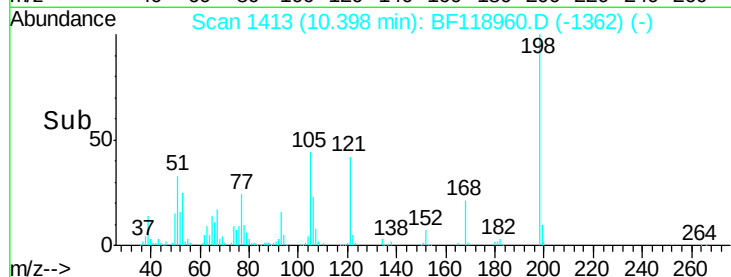
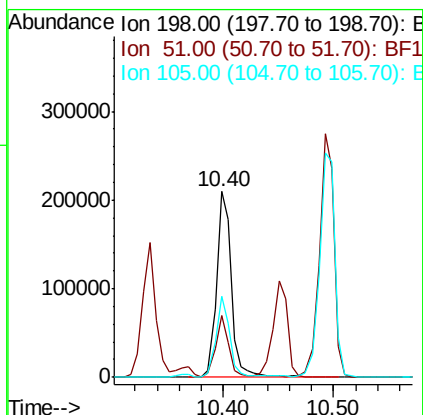
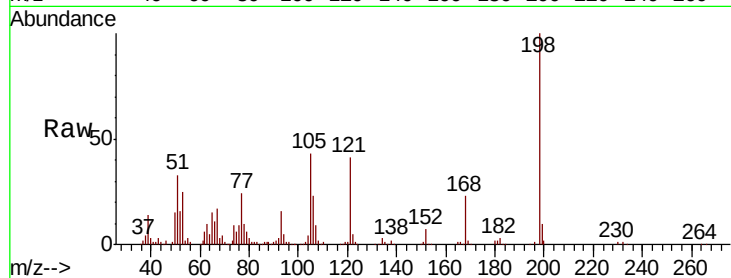




#65
4,6-Dinitro-2-methylphenol
Concen: 52.515 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

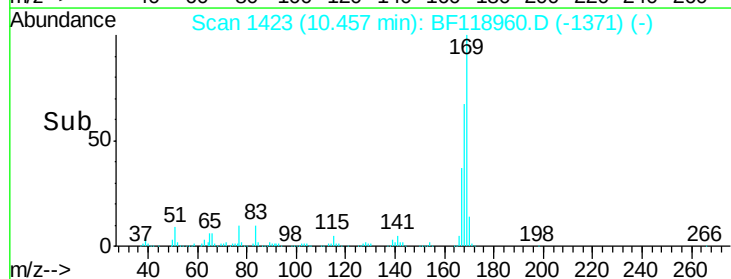
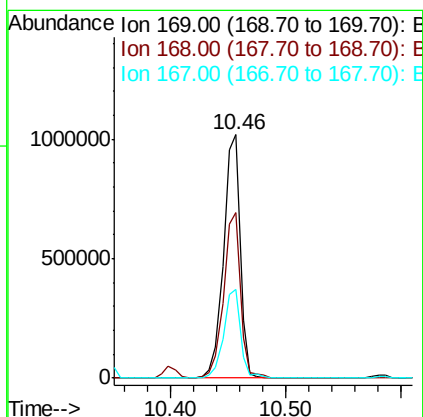
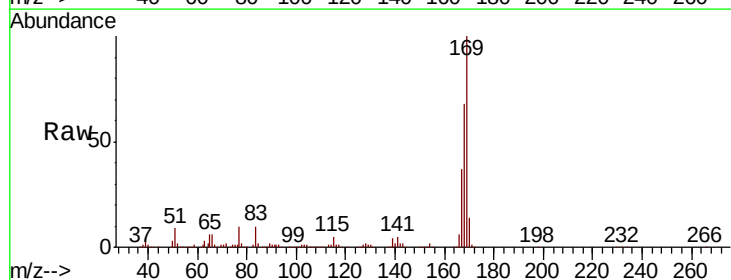
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

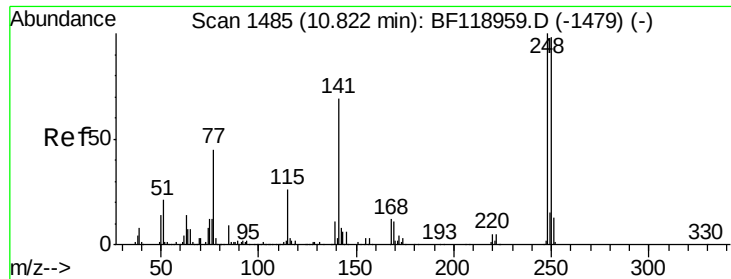
Tot Ion:198 Resp: 197236
Ion Ratio Lower Upper
198 100
51 33.3 7.1 47.1
105 43.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 52.829 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:169 Resp: 1019607
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 36.5 29.4 44.2

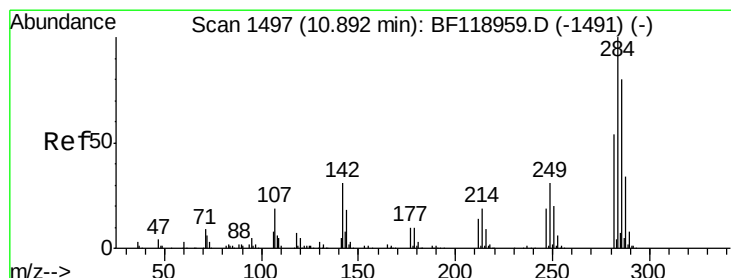
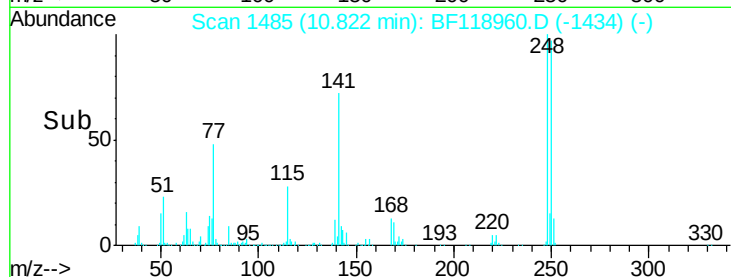
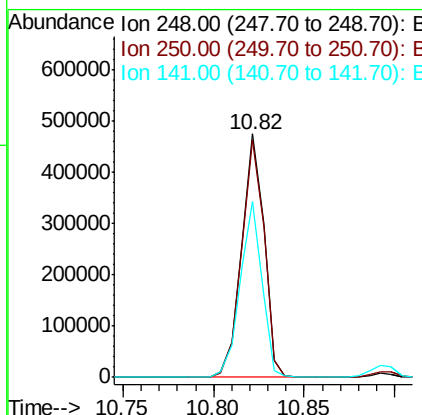
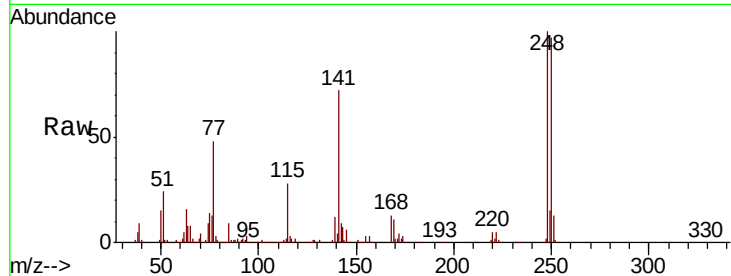




#67
4-Bromophenyl-phenylether
Concen: 52.405 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

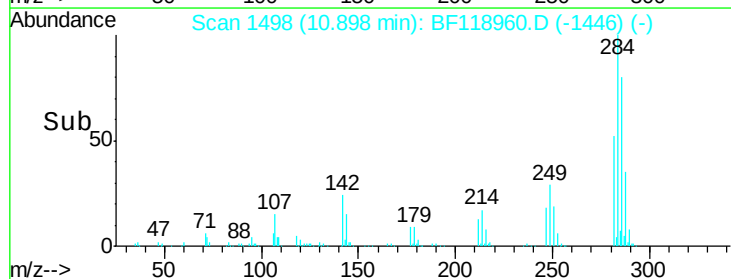
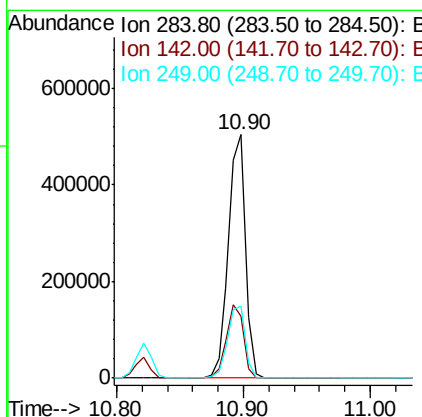
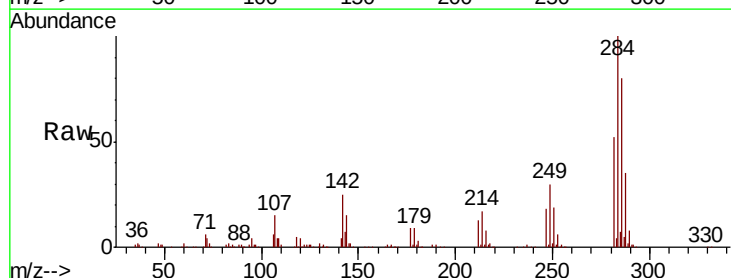
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

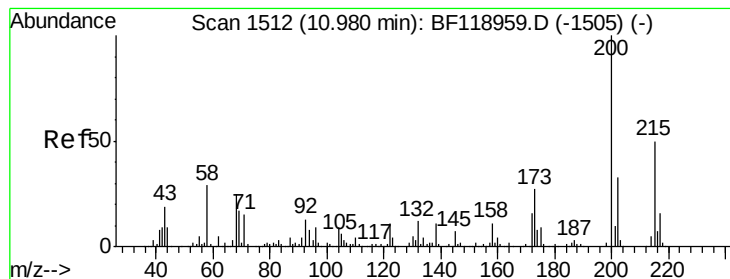
Tot Ion:248 Resp: 410005
Ion Ratio Lower Upper
248 100
250 97.3 78.8 118.2
141 72.4 55.3 82.9



#68
Hexachlorobenzene
Concen: 52.449 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:284 Resp: 469780
Ion Ratio Lower Upper
284 100
142 25.2 25.0 37.6
249 29.7 25.0 37.4





#69

Atrazine

Concen: 55.693 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

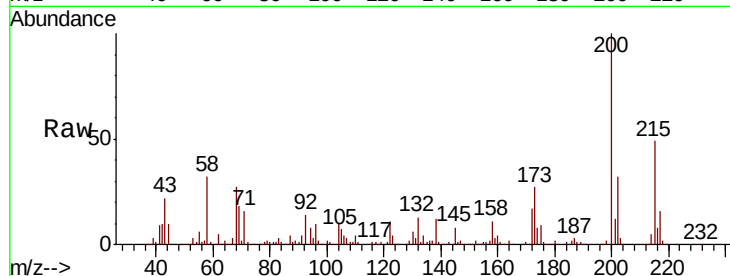
Tot Ion:200 Resp: 359777

Ion Ratio Lower Upper

200 100

173 27.1 6.9 46.9

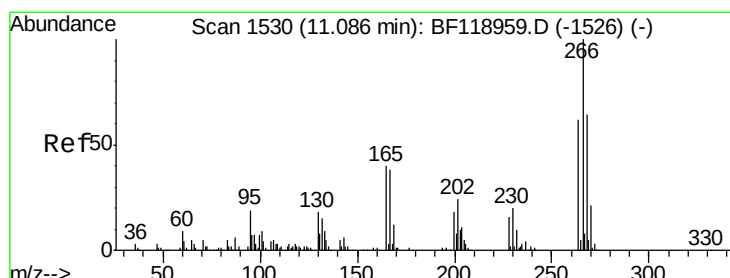
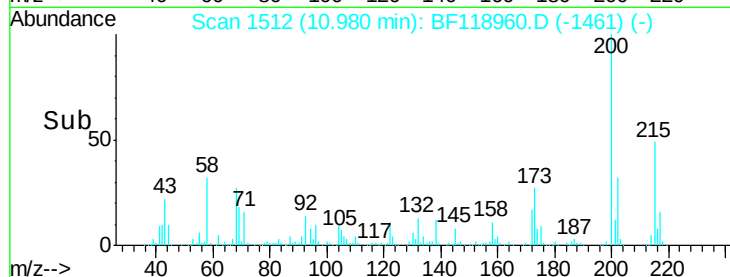
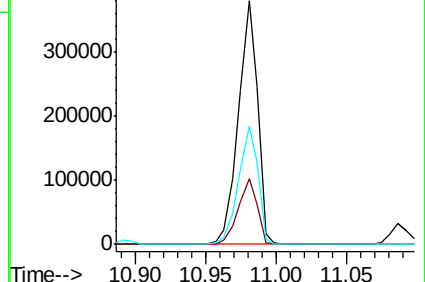
215 48.6 29.7 69.7



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: 51.906 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

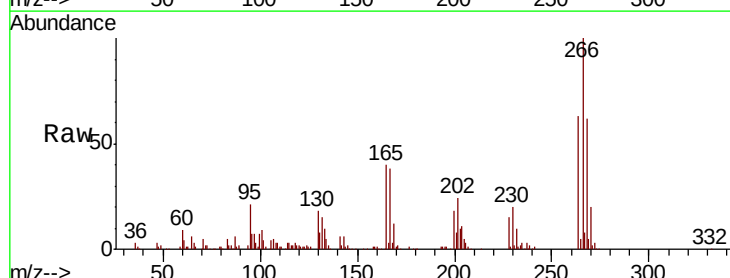
Tgt Ion:266 Resp: 199039

Ion Ratio Lower Upper

266 100

268 62.0 51.4 77.0

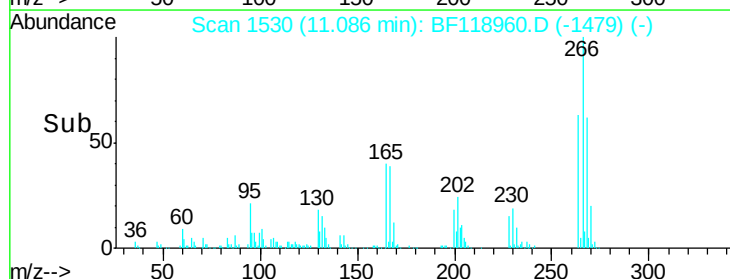
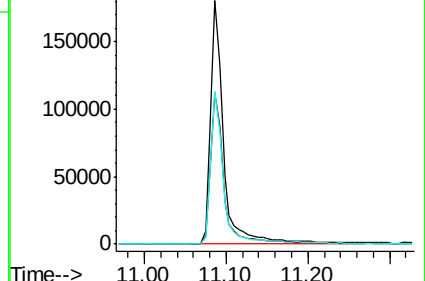
264 62.6 49.5 74.3

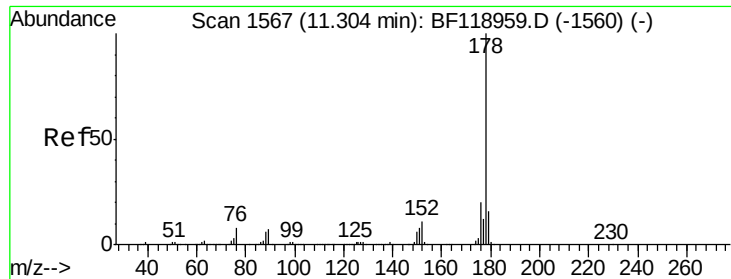


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 52.584 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

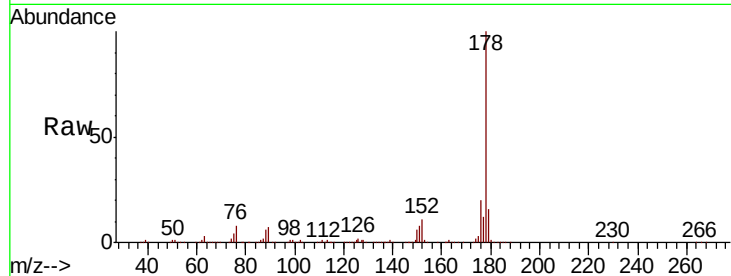
Tot Ion:178 Resp: 1682768

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

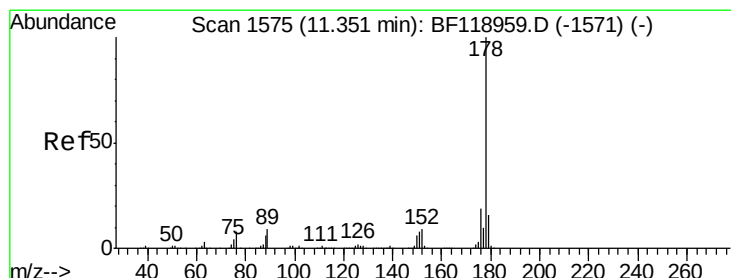
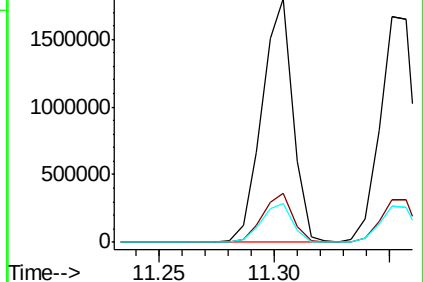
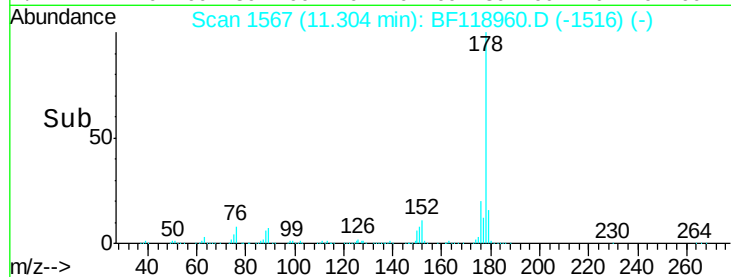
179 15.9 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.901 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

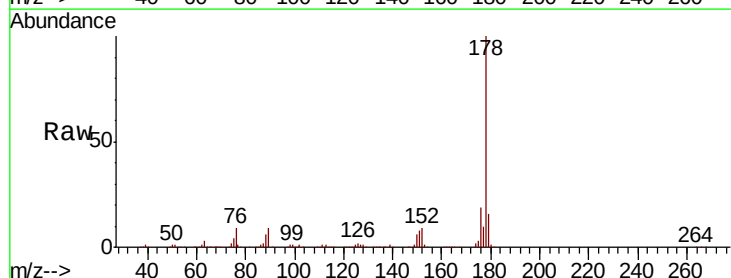
Tgt Ion:178 Resp: 1693807

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

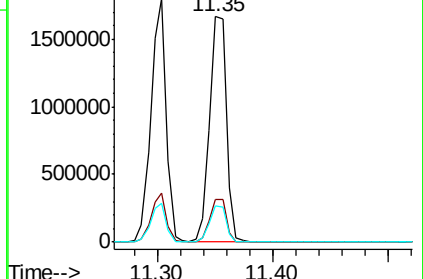
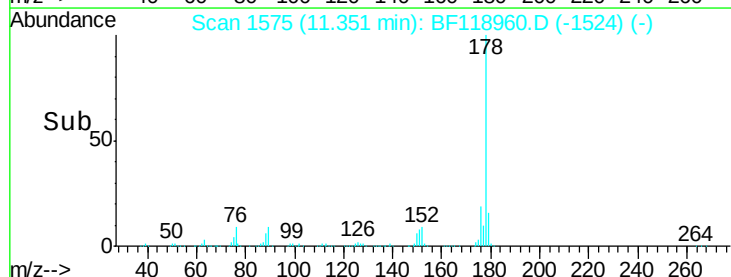
179 16.0 12.8 19.2

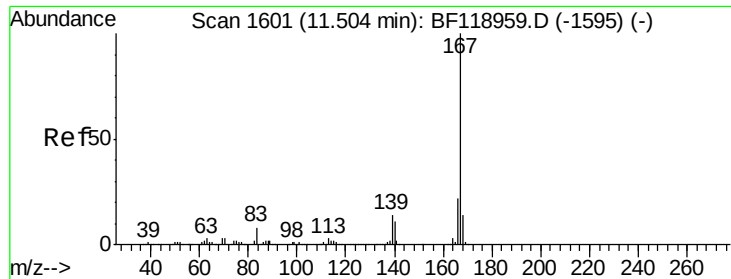


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 52.338 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

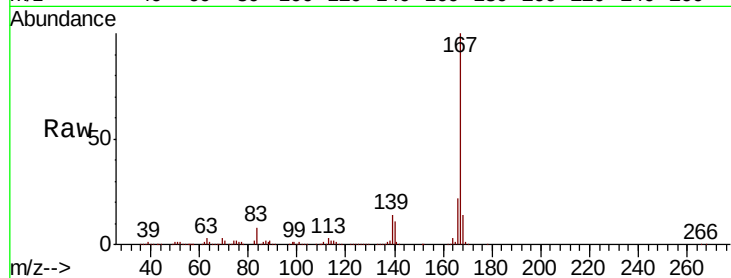
Tot Ion:167 Resp: 1502021

Ion Ratio Lower Upper

167 100

166 22.5 17.8 26.6

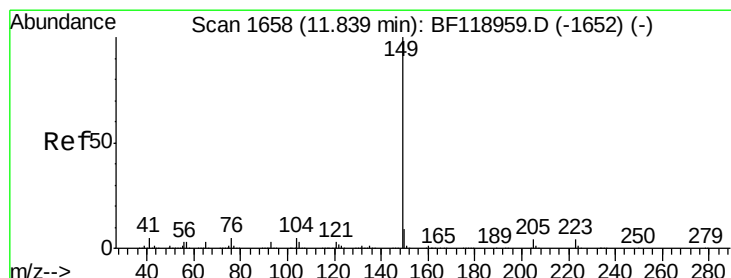
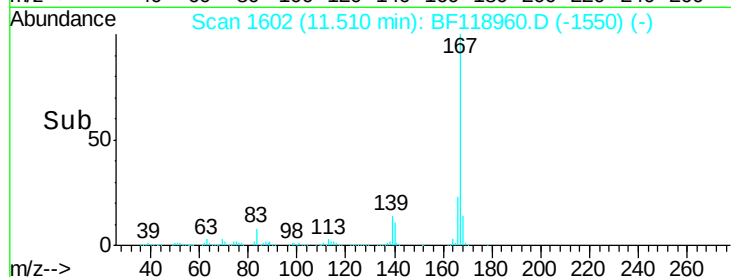
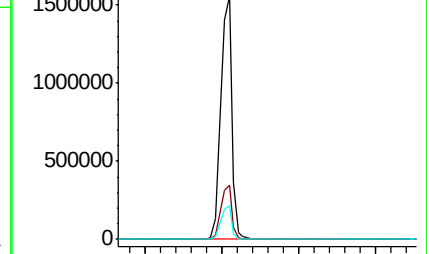
139 13.6 11.2 16.8



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: 50.601 ng

RT: 11.84 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

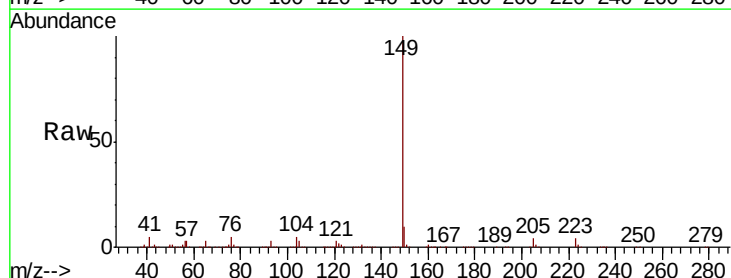
Tgt Ion:149 Resp: 1842521

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

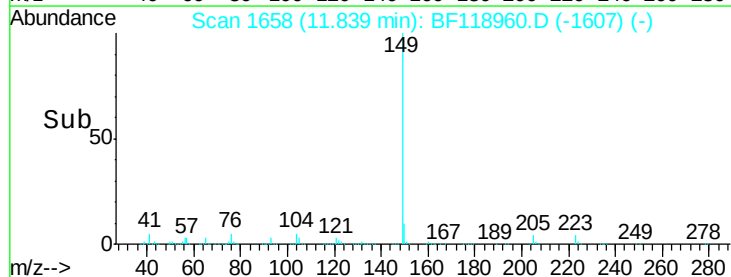
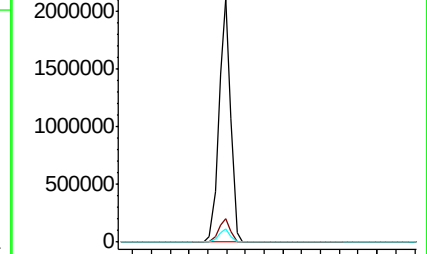
104 5.2 4.0 6.0

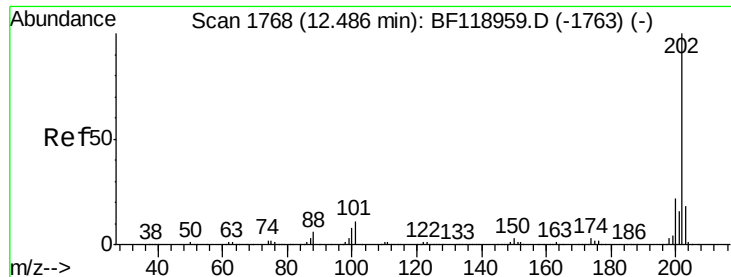


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

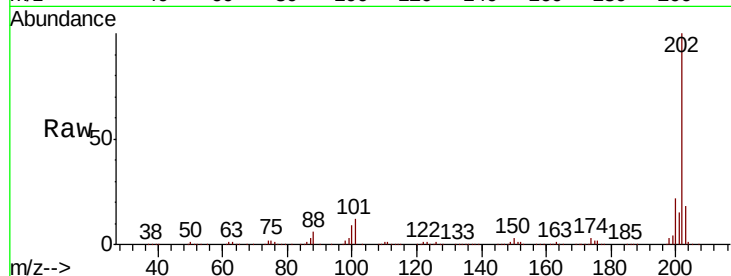




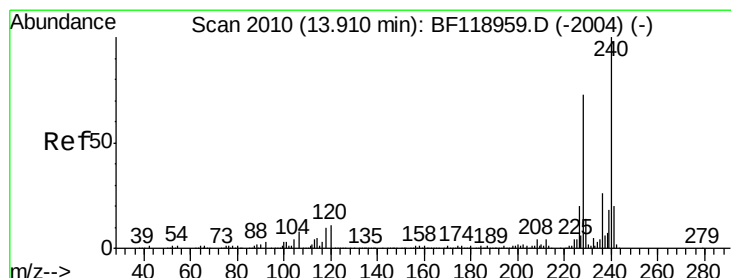
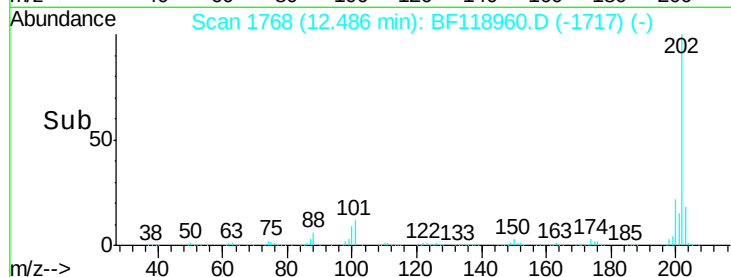
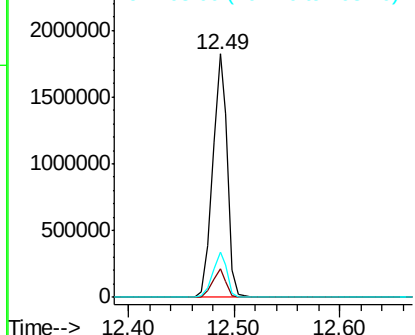
#75
Fluoranthene
Concen: 49.996 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:202 Resp: 1782261
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.1
203 18.3 0.0 38.1

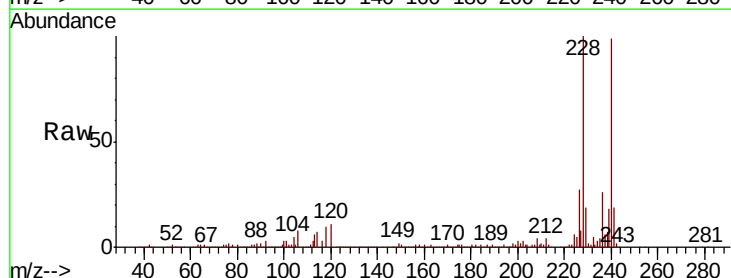


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

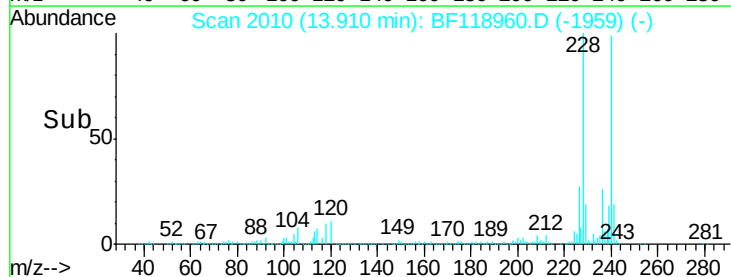
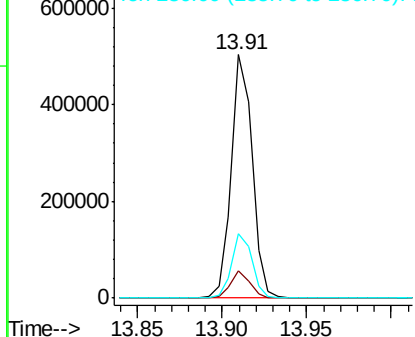


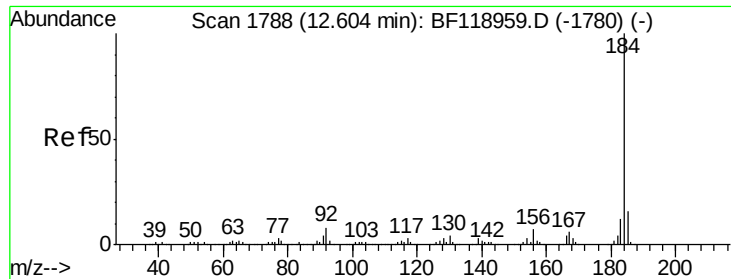
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:240 Resp: 432835
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.4 20.6 30.8



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: 65.808 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

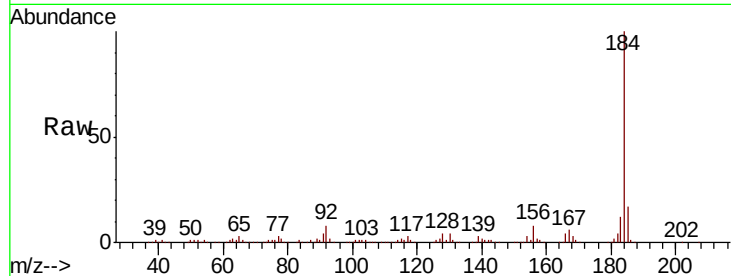
Tot Ion:184 Resp: 911933

Ion Ratio Lower Upper

184 100

185 17.2 12.6 19.0

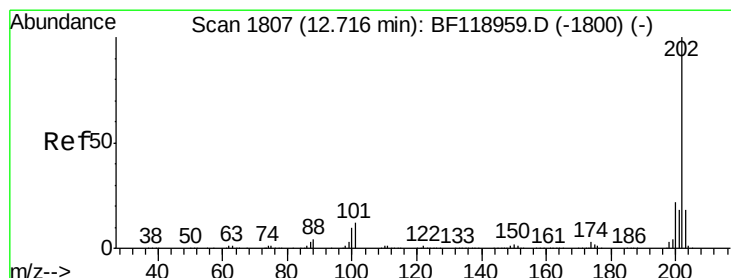
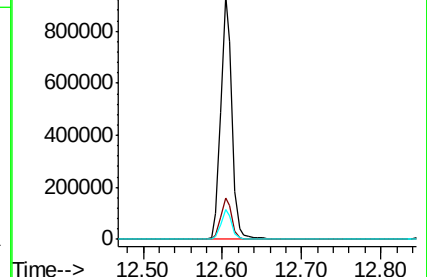
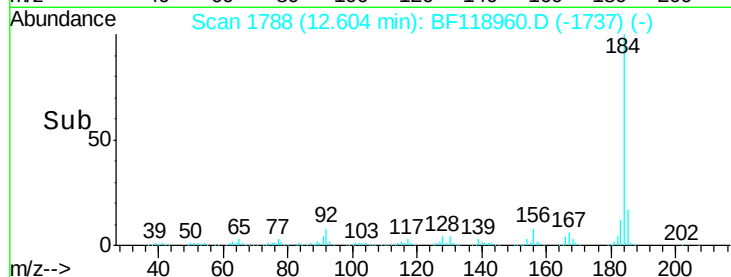
183 12.3 9.9 14.9



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: 57.223 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

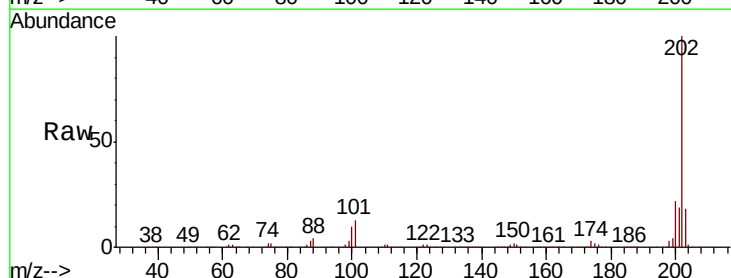
Tgt Ion:202 Resp: 1787403

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

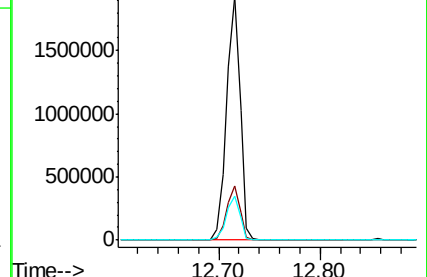
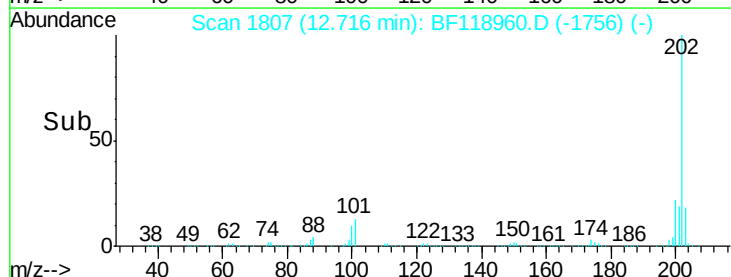
203 18.1 14.5 21.7

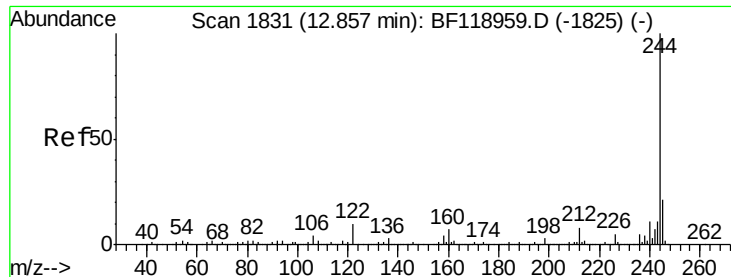


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 115.536 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

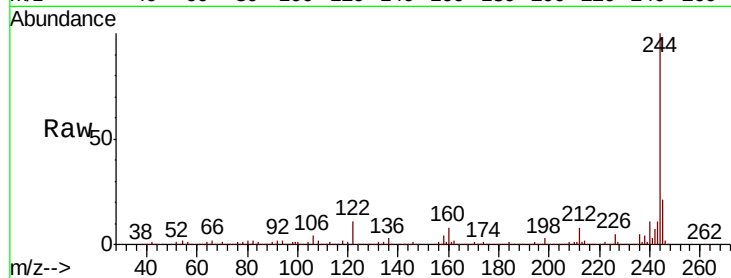
Tot Ion:244 Resp: 2541045

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

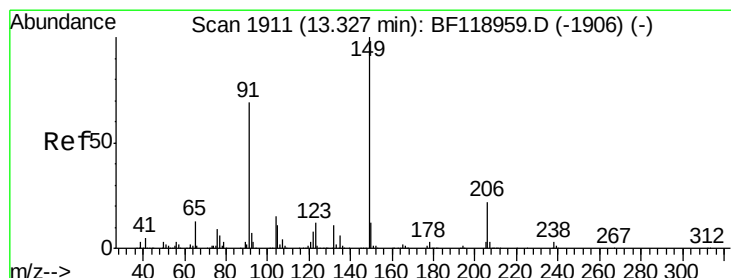
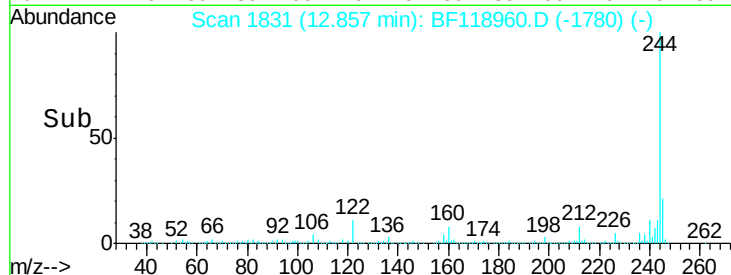
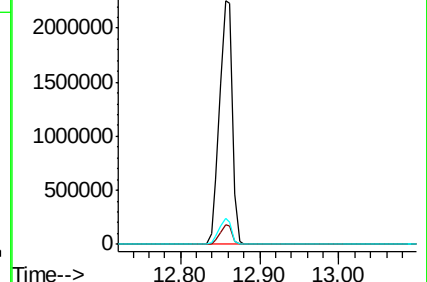
122 10.9 8.4 12.6



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: 56.712 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

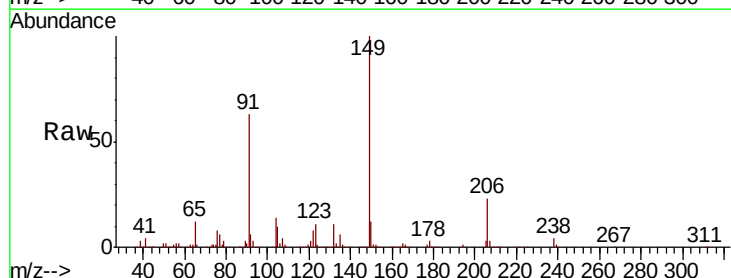
Tgt Ion:149 Resp: 776256

Ion Ratio Lower Upper

149 100

91 62.9 55.4 83.2

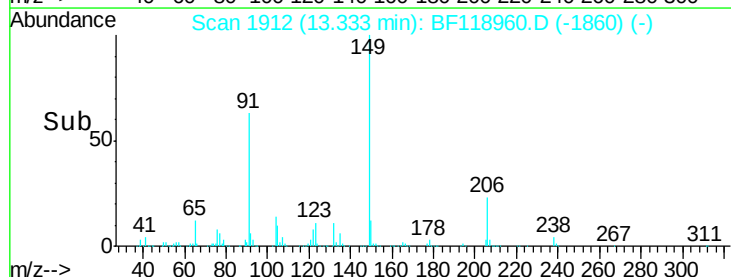
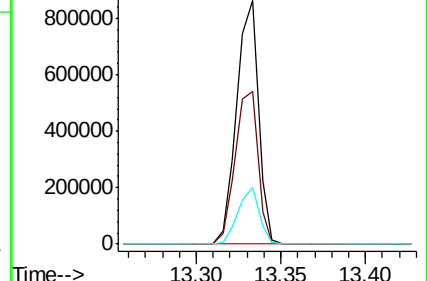
206 23.1 17.7 26.5

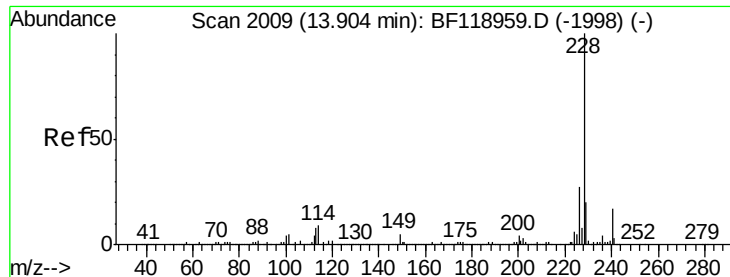


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 56.634 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

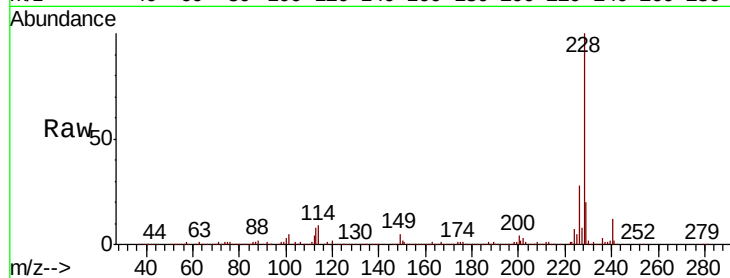
BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:228 Resp: 1502170

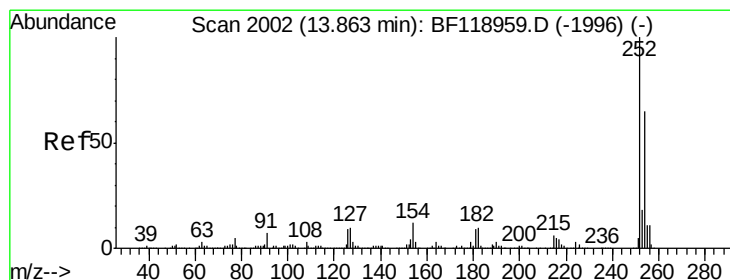
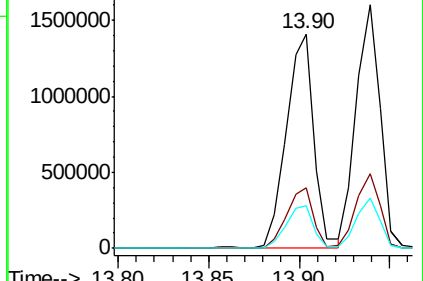
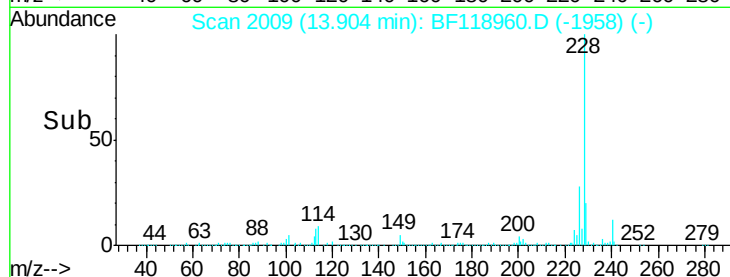
Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.8	32.8
229	20.2	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 58.038 ng

RT: 13.86 min Scan# 2002

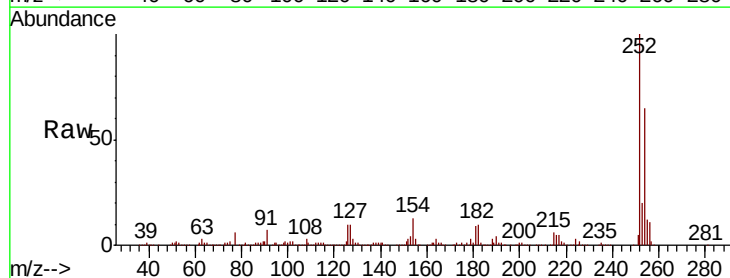
Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:252 Resp: 599008

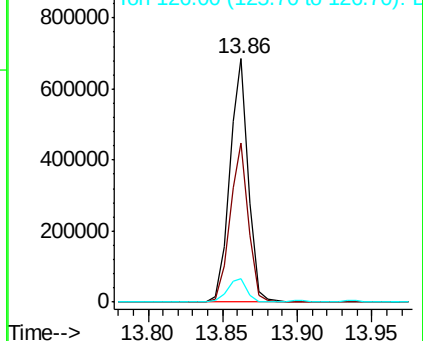
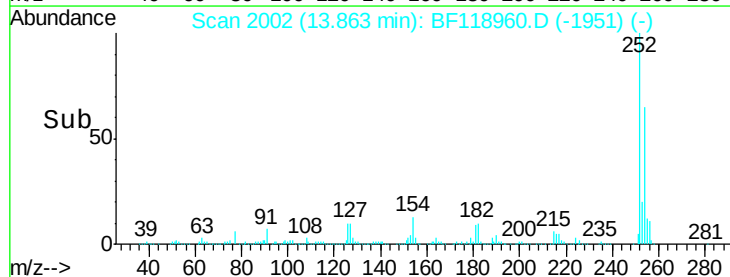
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.1	78.1
126	9.8	7.3	10.9

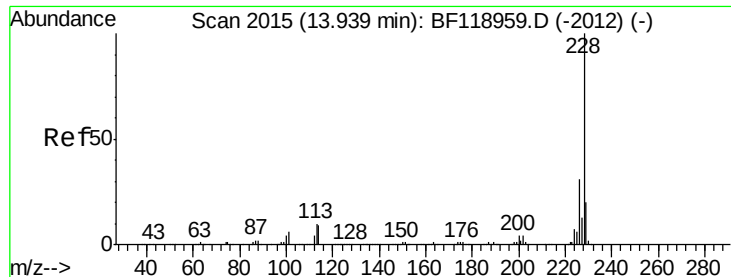


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 55.932 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

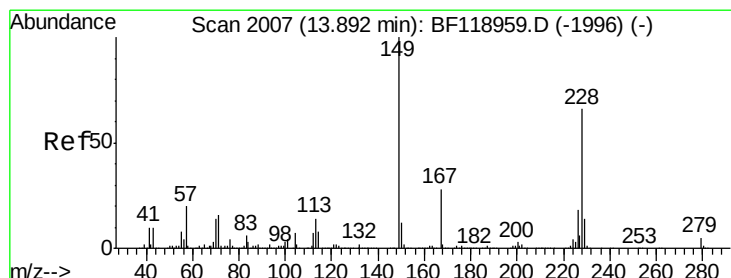
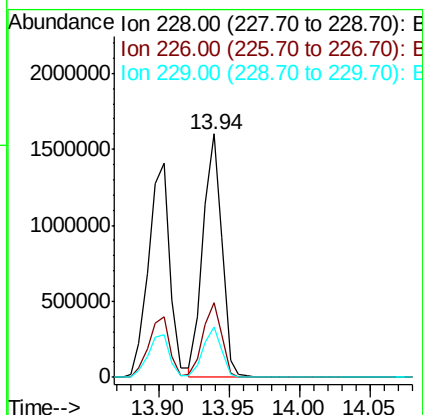
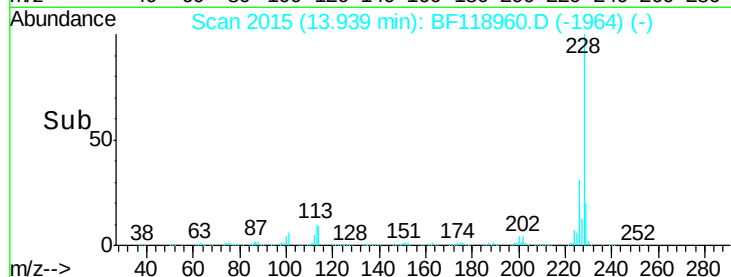
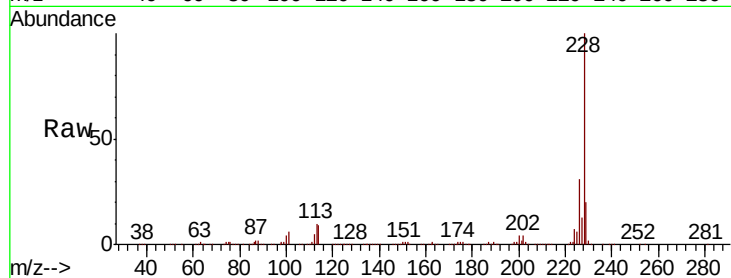
Tot Ion:228 Resp: 1487279

Ion Ratio Lower Upper

228 100

226 30.6 24.6 37.0

229 20.5 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.505 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

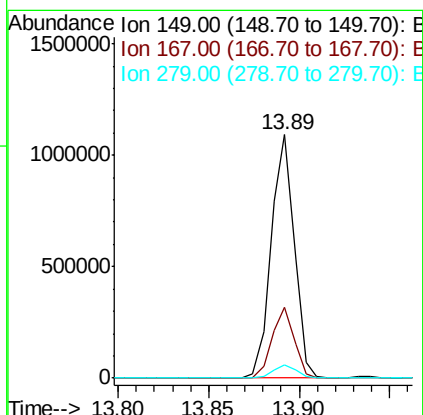
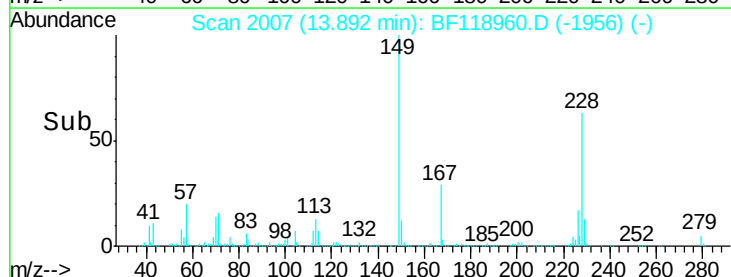
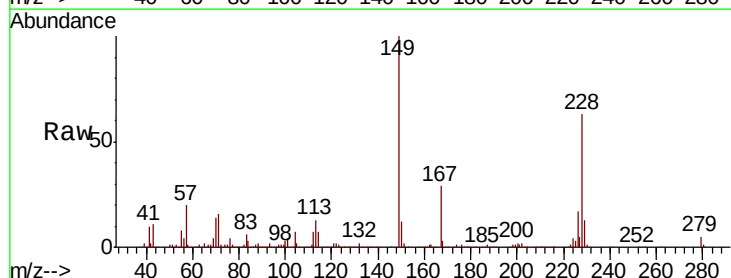
Tgt Ion:149 Resp: 962707

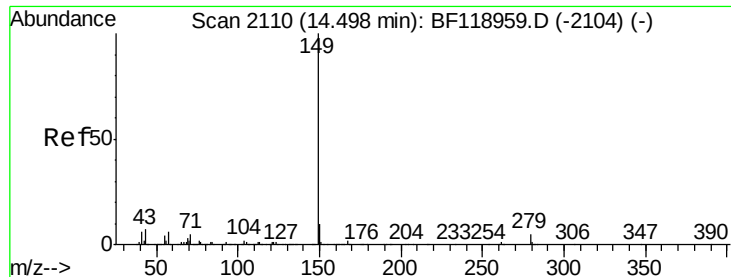
Ion Ratio Lower Upper

149 100

167 28.8 22.3 33.5

279 5.4 4.2 6.4

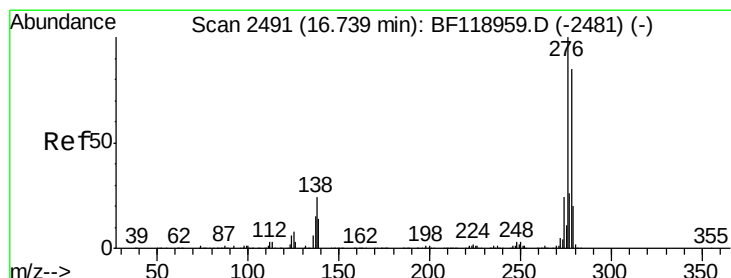
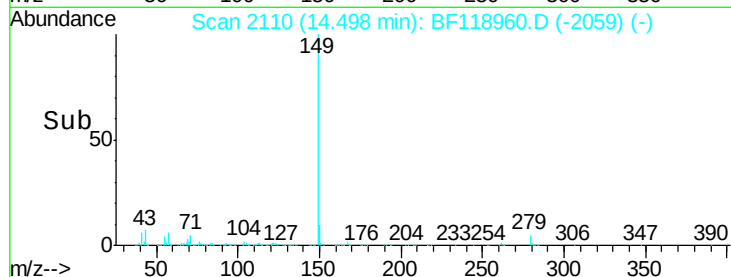
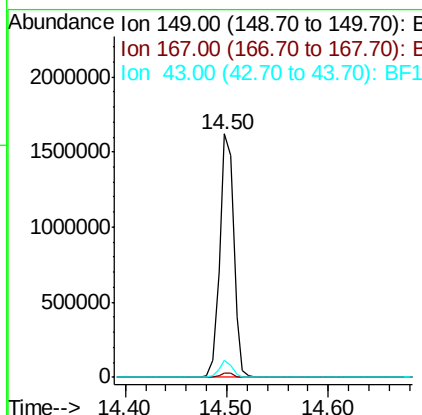
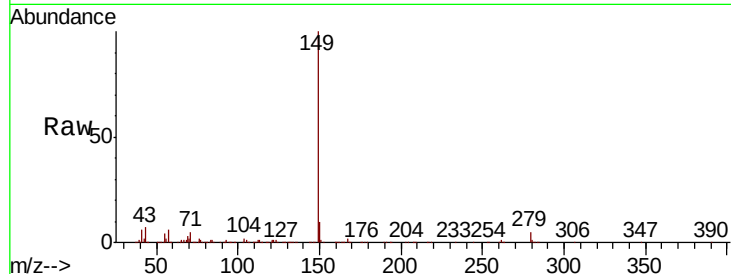




#85
Di-n-octyl phthalate
Concen: 55.514 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

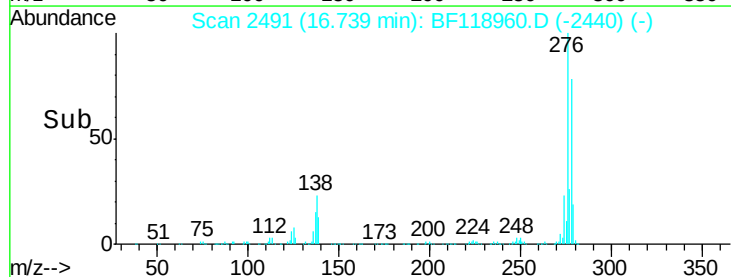
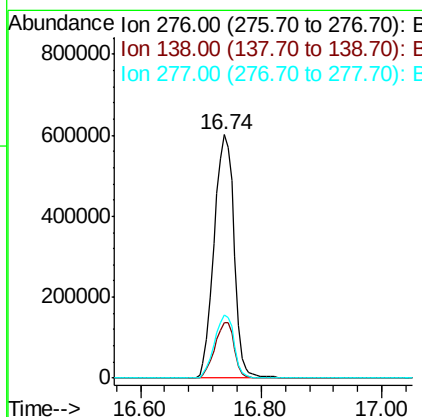
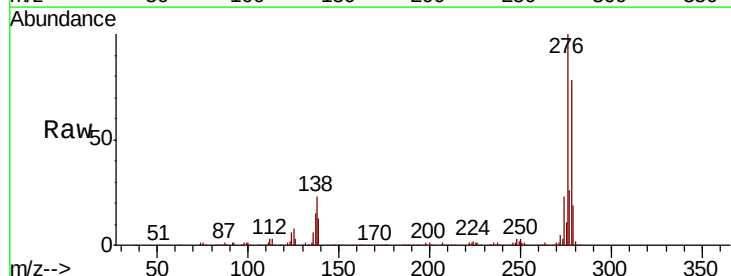
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

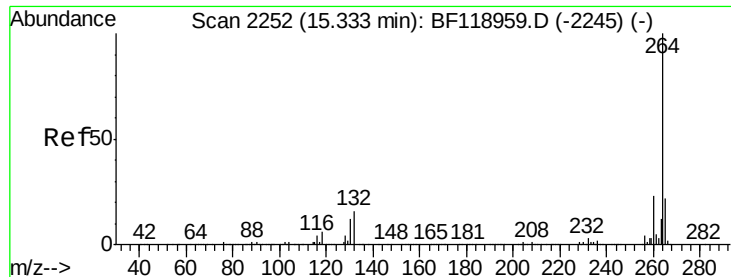
Tot Ion:149 Resp: 1552341
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.5 5.2 7.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.703 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:276 Resp: 1379240
Ion Ratio Lower Upper
276 100
138 22.3 18.7 28.1
277 25.6 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

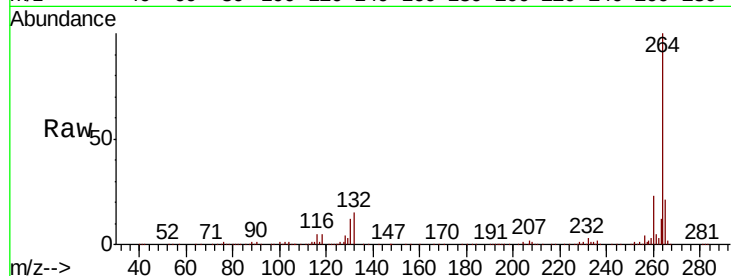
Tot Ion:264 Resp: 405773

Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

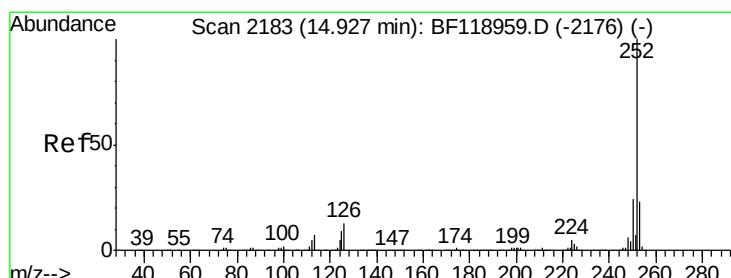
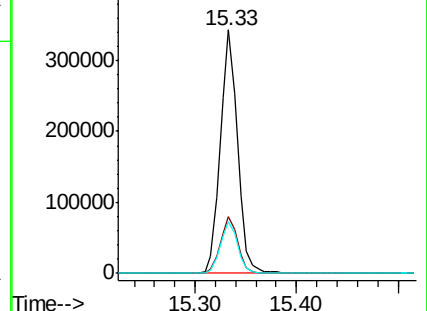
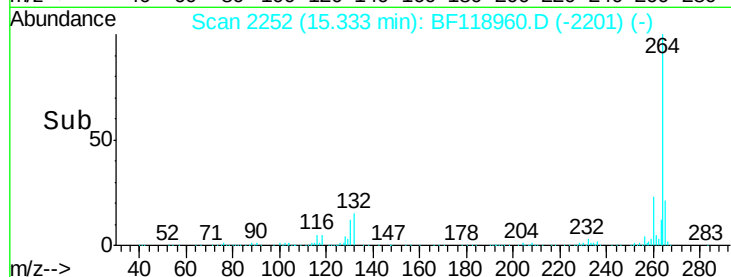
265 21.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 55.003 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

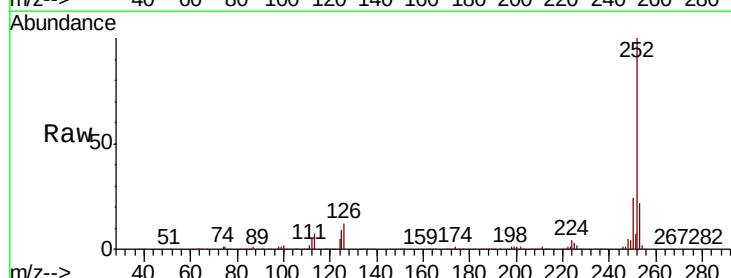
Tgt Ion:252 Resp: 1504566

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

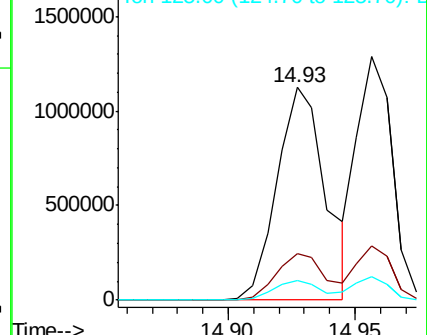
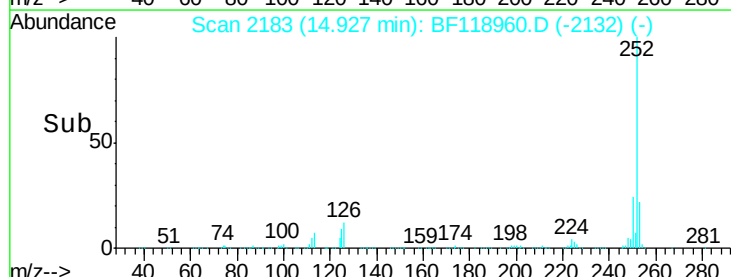
125 9.5 7.4 11.0

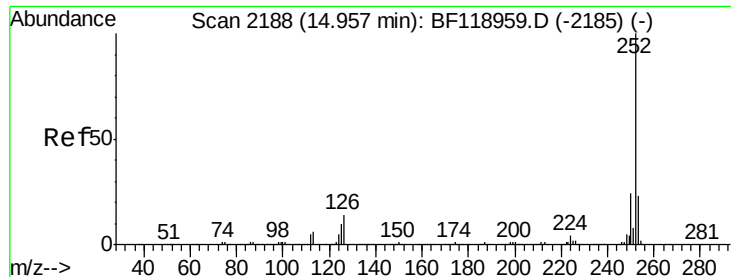


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

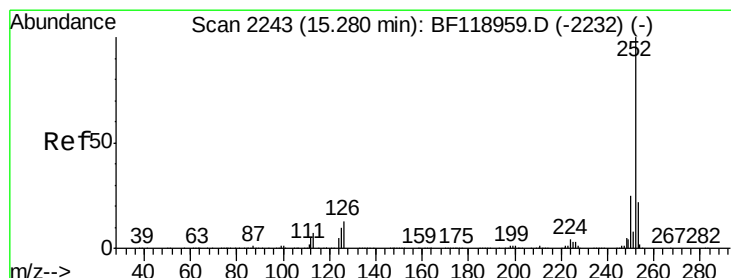
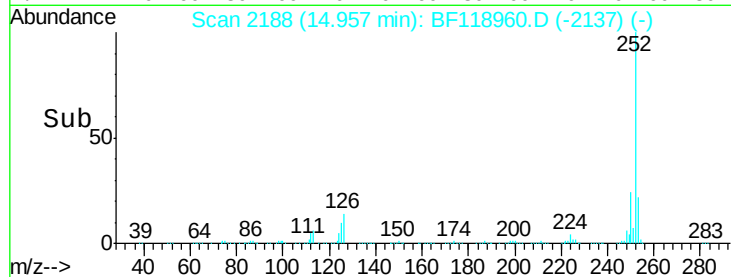
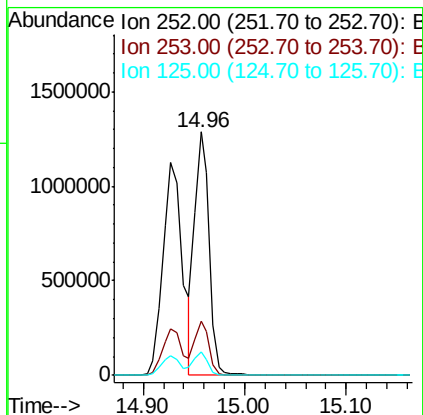
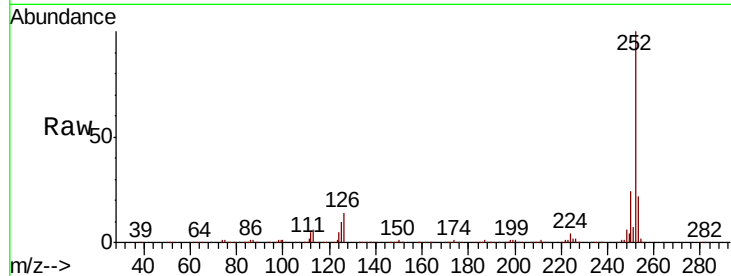




#89
Benzo(k)fluoranthene
Concen: 52.057 ng
RT: 14.96 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

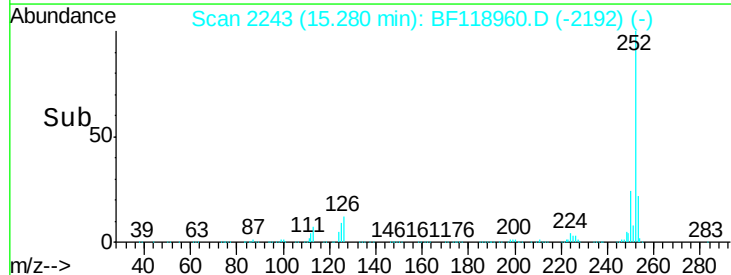
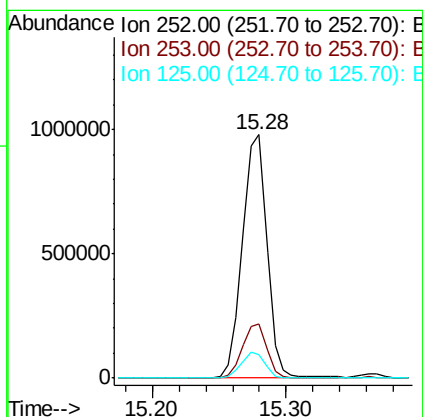
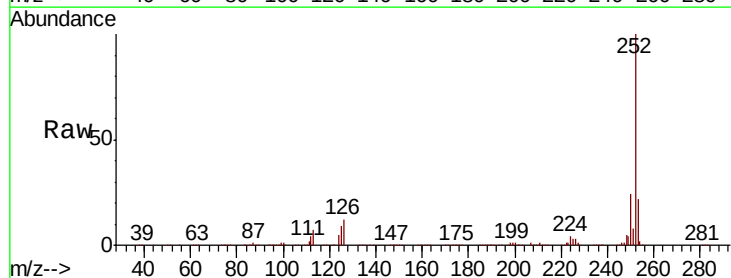
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

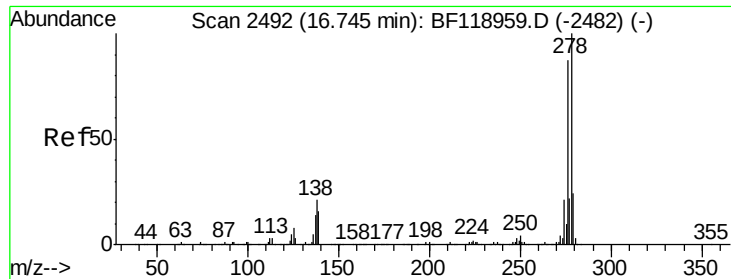
Tot Ion:252 Resp: 1265431
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 9.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 52.932 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118960.D
Acq: 20 Feb 2020 14:50

Tgt Ion:252 Resp: 1247462
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 52.790 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Instrument :

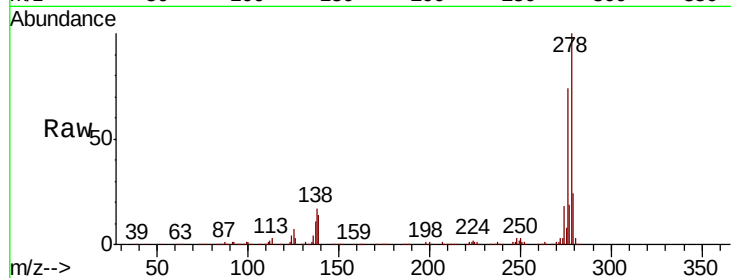
BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:278 Resp: 1127568

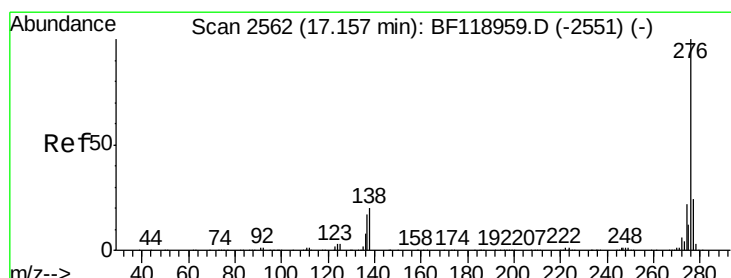
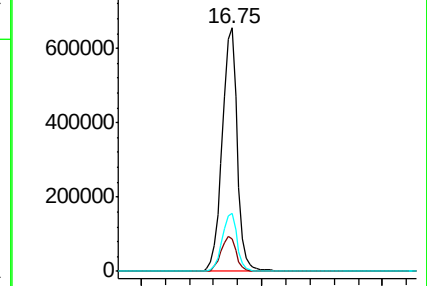
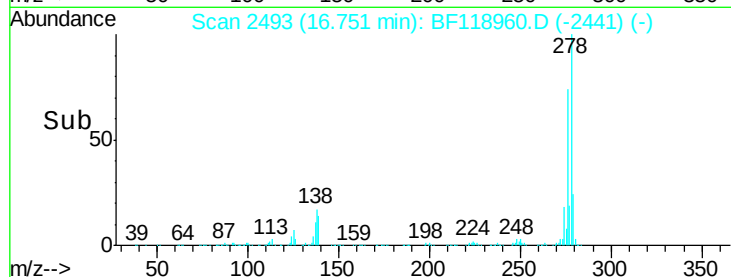
Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.6	18.8
279	23.9	19.0	28.6



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: 53.521 ng

RT: 17.16 min Scan# 2563

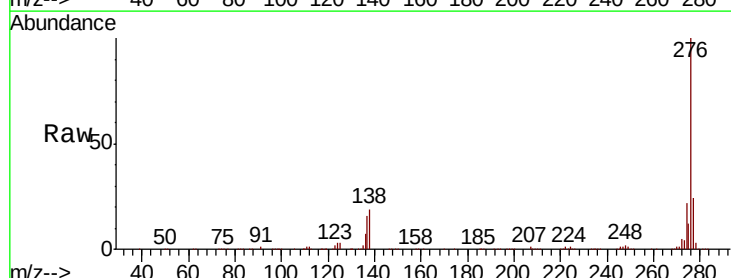
Delta R.T. 0.01 min

Lab File: BF118960.D

Acq: 20 Feb 2020 14:50

Tgt Ion:276 Resp: 1127946

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	18.8	16.2	24.4



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

