

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
 Data File : BF112070.D
 Acq On : 16 Jan 2019 16:41
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Jan 16 17:27:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 16 16:57:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	295210	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1098707	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	534038	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1021688	20.00	ng	0.00
76) Chrysene-d12	14.03	240	823343	20.00	ng	0.00
87) Perylene-d12	15.50	264	716676	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1557397	90.26	ng	0.00
7) Phenol-d6	6.51	99	1920721	86.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	1693537	82.38	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	604951	87.09	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	3253672	88.84	ng	0.00
79) Terphenyl-d14	12.97	244	3568099	82.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	369882	49.023	ng	99
3) Pyridine	3.39	79	978635	50.042	ng	98
4) n-Nitrosodimethylamine	3.35	42	386389	39.711	ng	100
6) Aniline	6.53	93	1169644	43.495	ng	# 65
8) 2-Chlorophenol	6.66	128	922690	48.156	ng	98
9) Benzaldehyde	6.41	77	486512	34.973	ng	99
10) Phenol	6.53	94	1063908	44.013	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	874073	46.741	ng	98
12) 1,3-Dichlorobenzene	6.80	146	1039653	46.805	ng	99
13) 1,4-Dichlorobenzene	6.88	146	1059203	46.991	ng	99
14) 1,2-Dichlorobenzene	7.04	146	970076	45.023	ng	98
15) Benzyl Alcohol	7.01	79	743043	42.226	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1222842	38.353	ng	95
17) 2-Methylphenol	7.13	107	690276	44.825	ng	97
18) Hexachloroethane	7.37	117	365916	46.495	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	604172	41.810	ng	99
20) 3+4-Methylphenols	7.28	107	831108	43.365	ng	# 82
22) Acetophenone	7.27	105	1203293	43.259	ng	98
24) Nitrobenzene	7.45	77	906491	43.590	ng	94
25) Isophorone	7.69	82	1499586	45.047	ng	98
26) 2-Nitrophenol	7.76	139	432491	42.238	ng	98
27) 2,4-Dimethylphenol	7.80	122	705755	47.670	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	1030242	46.365	ng	100
29) 2,4-Dichlorophenol	8.01	162	785696	46.152	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	887594	47.261	ng	99
31) Naphthalene	8.17	128	2386687	45.760	ng	99
32) Benzoic acid	7.94	122	281425	29.292	ng	99
33) 4-Chloroaniline	8.22	127	1072374	47.563	ng	98
34) Hexachlorobutadiene	8.29	225	493595	42.217	ng	98
35) Caprolactam	8.60	113	268858	48.337	ng	90
36) 4-Chloro-3-methylphenol	8.71	107	748294	44.208	ng	98
37) 2-Methylnaphthalene	8.86	142	1629557	50.422	ng	99
38) 1-Methylnaphthalene	8.96	142	1568675	50.606	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	852368	50.065	ng	100

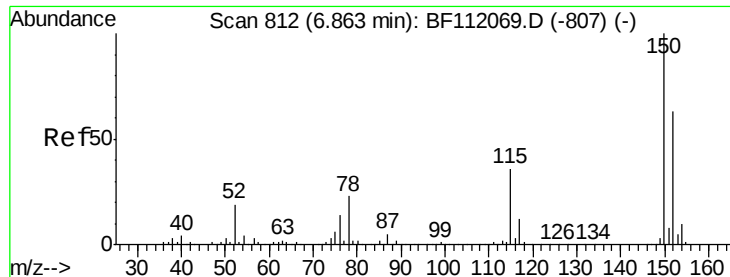
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011619\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	324628	32.977	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	547812	47.439	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	571622	47.246	ng	97
46) 1,1'-Biphenyl	9.33	154	2124435	47.557	ng	98
47) 2-Chloronaphthalene	9.35	162	1711516	48.817	ng	98
48) 2-Nitroaniline	9.45	65	427232	39.858	ng	92
49) Acenaphthylene	9.77	152	2463702	47.531	ng	100
50) Dimethylphthalate	9.63	163	1915155	47.739	ng	100
51) 2,6-Dinitrotoluene	9.69	165	419721	46.786	ng	88
52) Acenaphthene	9.94	154	1493281	44.688	ng	100
53) 3-Nitroaniline	9.86	138	462243	48.115	ng	90
54) 2,4-Dinitrophenol	9.96	184	97478	25.661	ng	91
55) Dibenzofuran	10.11	168	2287795	47.077	ng	97
56) 4-Nitrophenol	10.03	139	299061	44.056	ng	95
57) 2,4-Dinitrotoluene	10.09	165	510362	44.027	ng	90
58) Fluorene	10.45	166	1671946	47.282	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	439781	43.142	ng	98
60) Diethylphthalate	10.32	149	1844018	47.498	ng	98
61) 4-Chlorophenyl-phenylether	10.44	204	920505	46.421	ng	96
62) 4-Nitroaniline	10.47	138	454490	49.876	ng	97
63) Azobenzene	10.60	77	1780471	48.007	ng	97
65) 4,6-Dinitro-2-methylphenol	10.51	198	213938	33.936	ng	94
66) n-Nitrosodiphenylamine	10.56	169	1636756	47.739	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	590217	44.601	ng	93
68) Hexachlorobenzene	11.01	284	630245	42.974	ng	94
69) Atrazine	11.09	200	531169	44.095	ng	98
70) Pentachlorophenol	11.20	266	295914	35.458	ng	99
71) Phenanthrene	11.42	178	2442483	44.714	ng	98
72) Anthracene	11.47	178	2458717	44.340	ng	98
73) Carbazole	11.62	167	2468214	45.760	ng	98
74) Di-n-butylphthalate	11.94	149	2798772	44.671	ng	99
75) Fluoranthene	12.60	202	2555764	45.576	ng	98
77) Benzidine	12.72	184	1121724	45.595	ng	98
78) Pyrene	12.83	202	2638505	46.575	ng	99
80) Butylbenzylphthalate	13.44	149	1213044	50.648	ng	97
81) Benzo(a)anthracene	14.02	228	2281371	48.146	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	845355	48.324	ng	98
83) Chrysene	14.06	228	2166029	47.942	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1697413	53.966	ng	99
85) Di-n-octyl phthalate	14.62	149	2613093	58.052	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1934072	58.719	ng	100
88) Benzo(b)fluoranthene	15.07	252	2085510	48.646	ng	98
89) Benzo(k)fluoranthene	15.11	252	1890702	46.918	ng	99
90) Benzo(a)pyrene	15.44	252	1855538	49.225	ng	98
91) Dibenzo(a,h)anthracene	17.01	278	1603368	52.885	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1595286	53.797	ng	99

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

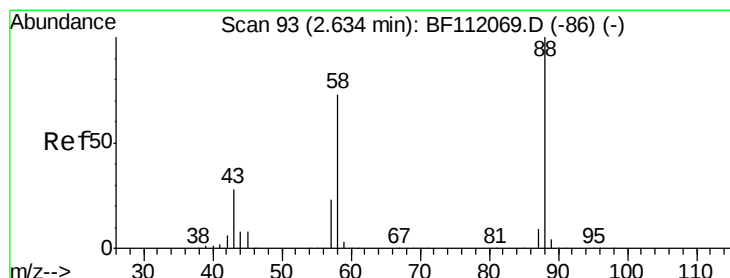
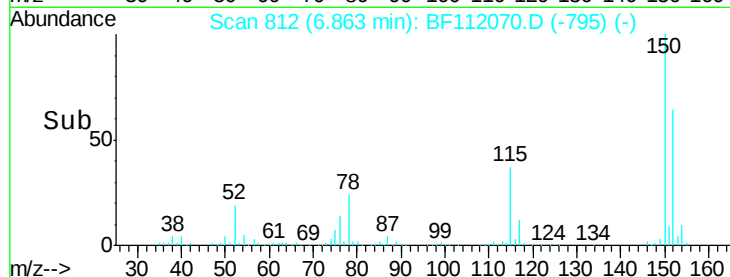
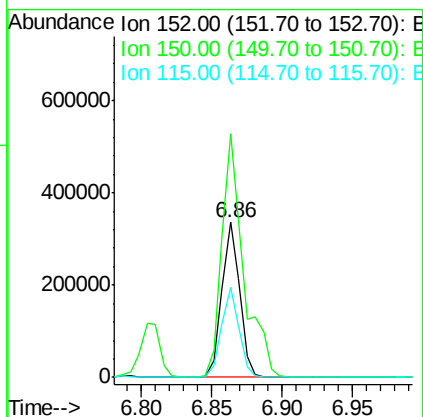
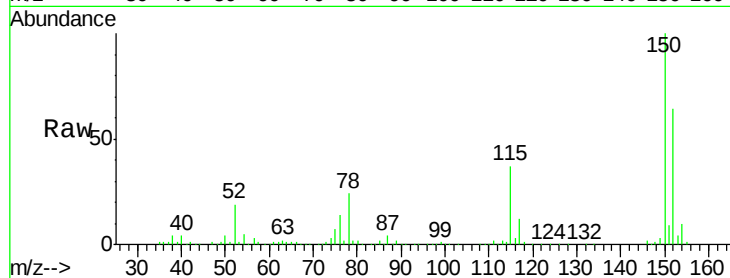


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

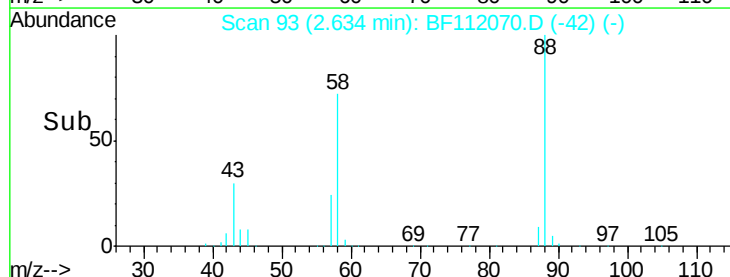
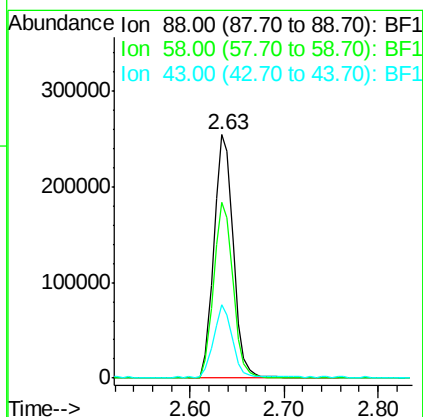
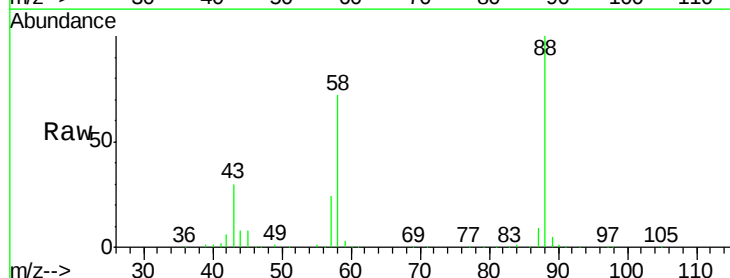
Tgt Ion: 152 Resp: 295210
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 57.8 45.5 68.3

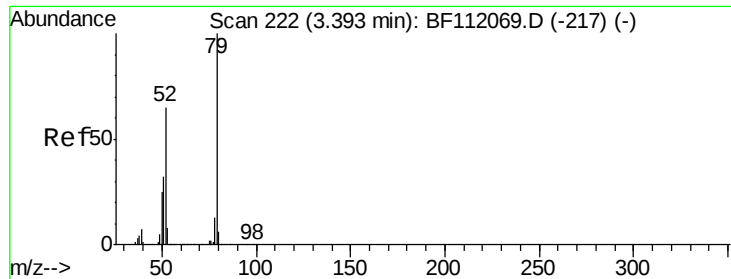


#2

1,4-Dioxane
Concen: 49.023 ng
RT: 2.63 min Scan# 93
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion: 88 Resp: 369882
Ion Ratio Lower Upper
88 100
58 72.4 57.4 86.2
43 29.1 22.2 33.4





#3

Pyridine

Concen: 50.042 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

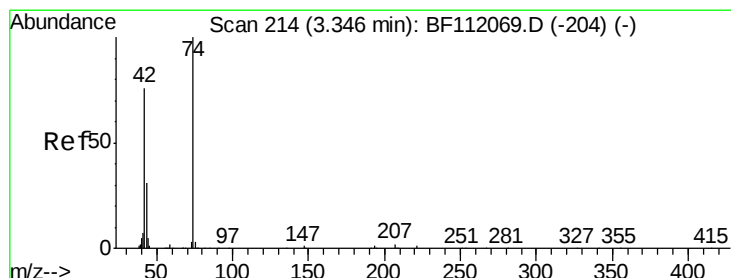
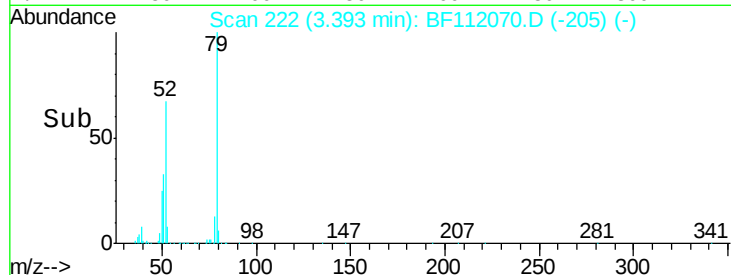
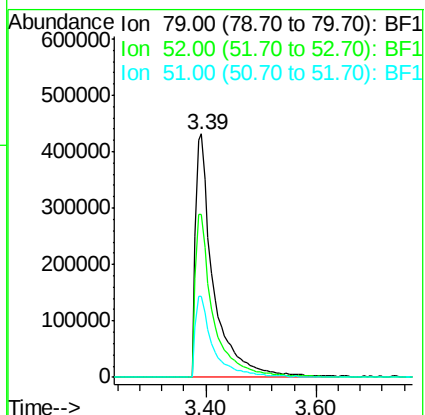
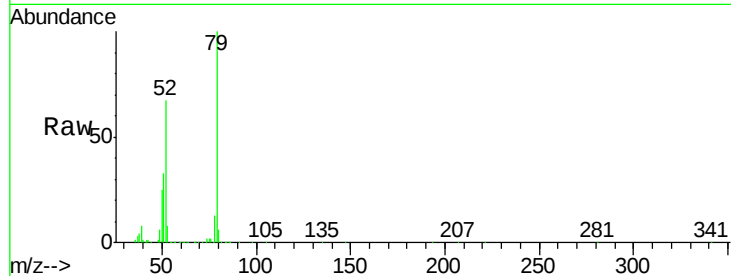
Tgt Ion: 79 Resp: 978635

Ion Ratio Lower Upper

79 100

52 66.8 52.4 78.6

51 33.4 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 39.711 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

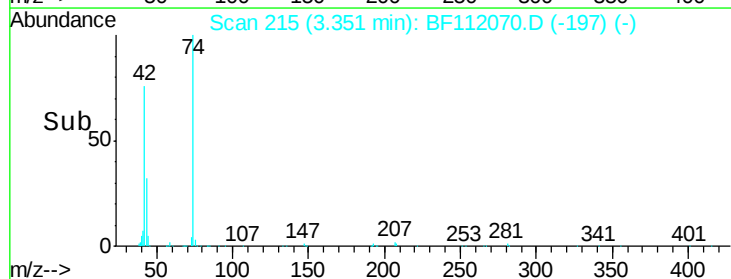
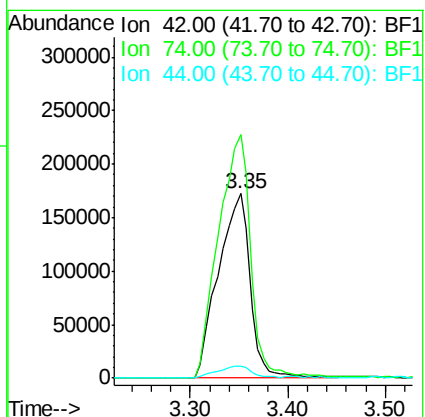
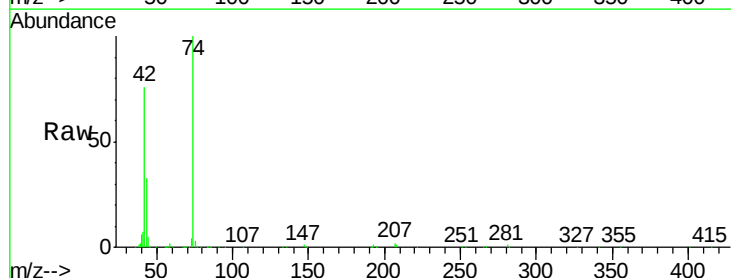
Tgt Ion: 42 Resp: 386389

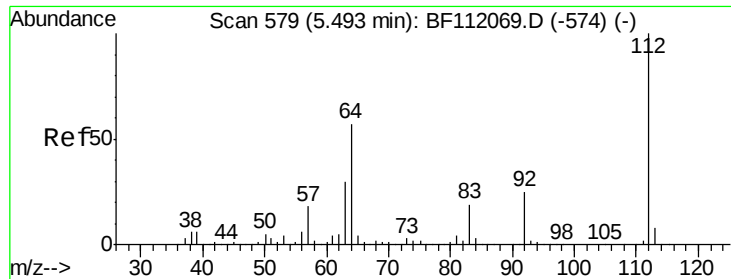
Ion Ratio Lower Upper

42 100

74 132.0 105.6 158.4

44 6.5 5.4 8.2

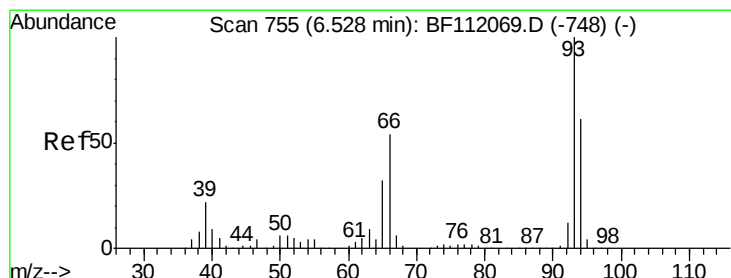
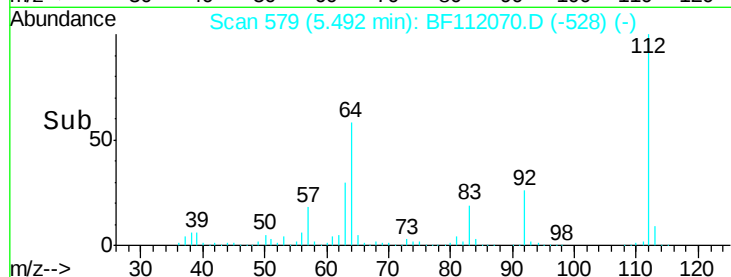
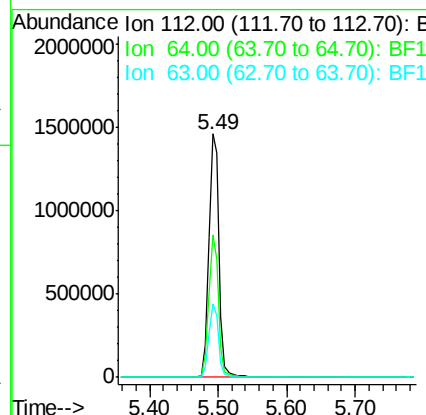
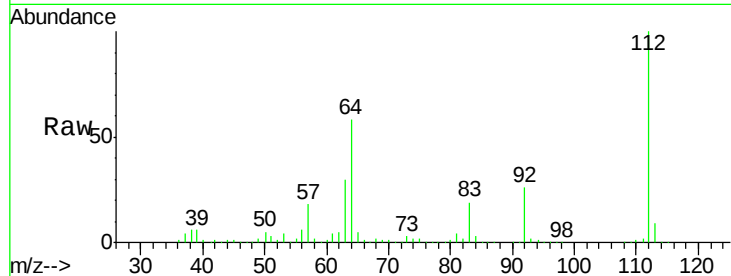




#5
 2-Fluorophenol
 Concen: 90.255 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

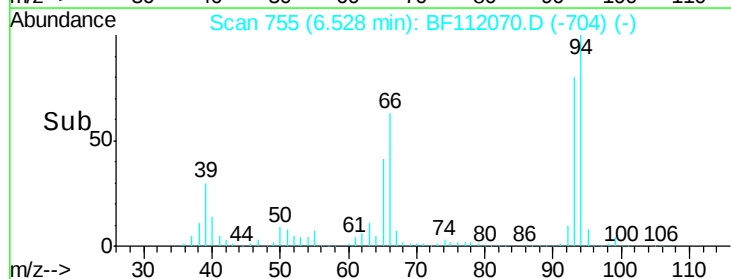
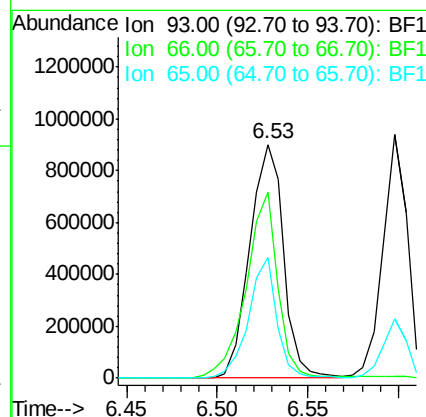
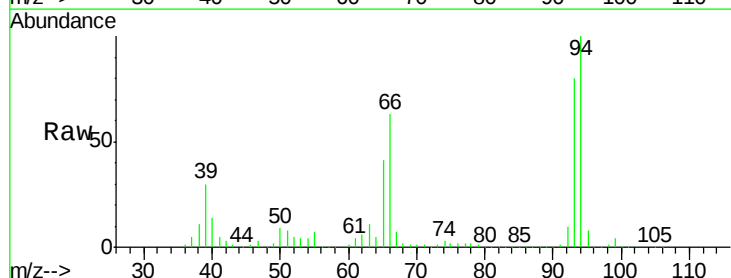
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

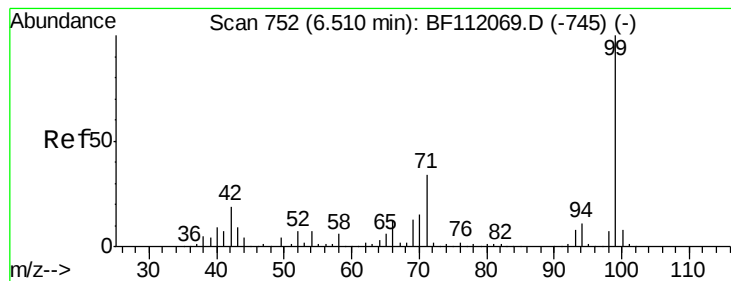
Tgt Ion: 112 Resp: 1557397
 Ion Ratio Lower Upper
 112 100
 64 58.3 45.7 68.5
 63 30.1 23.6 35.4



#6
 Aniline
 Concen: 43.495 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion: 93 Resp: 1169644
 Ion Ratio Lower Upper
 93 100
 66 79.4 43.4 65.2#
 65 51.7 25.3 37.9#





#7

Phenol-d6

Concen: 86.362 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

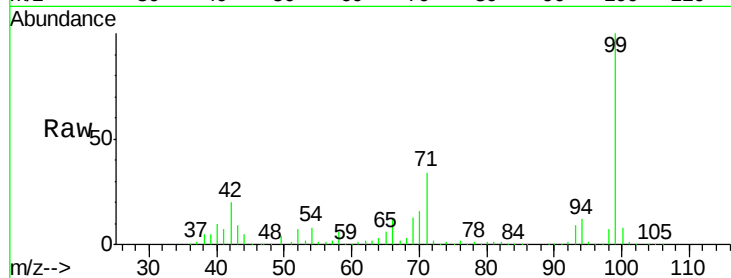
Tgt Ion: 99 Resp: 1920721

Ion Ratio Lower Upper

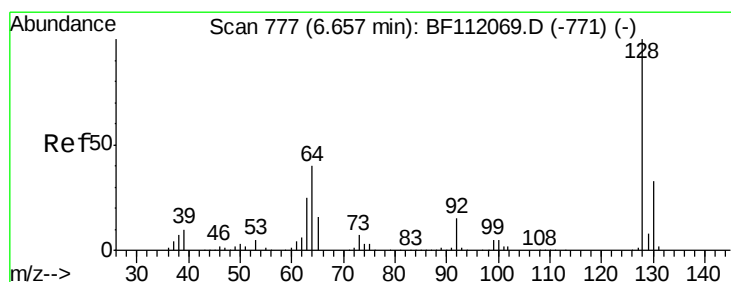
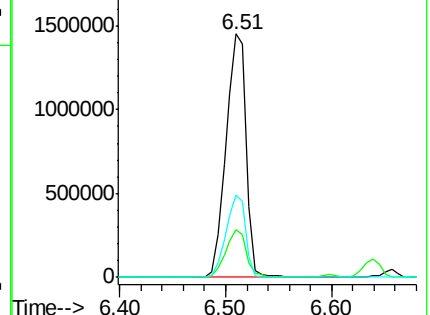
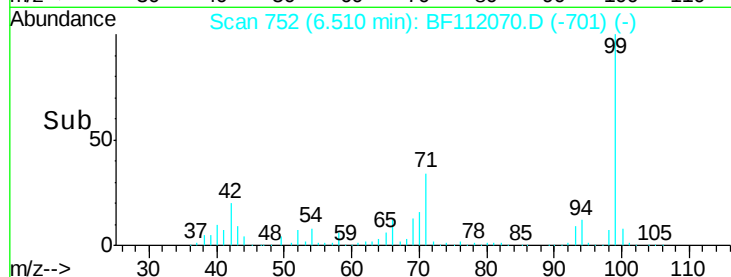
99 100

42 19.6 15.1 22.7

71 33.9 26.9 40.3



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: 48.156 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

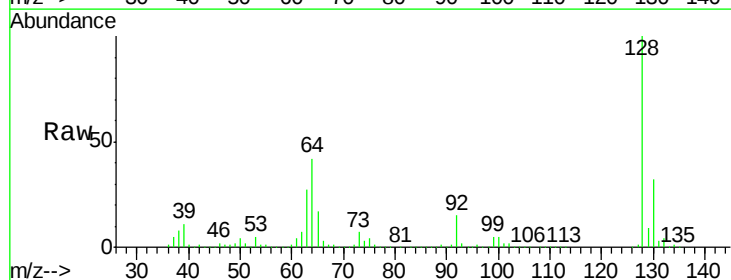
Tgt Ion: 128 Resp: 922690

Ion Ratio Lower Upper

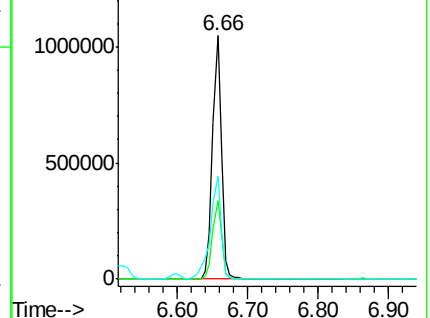
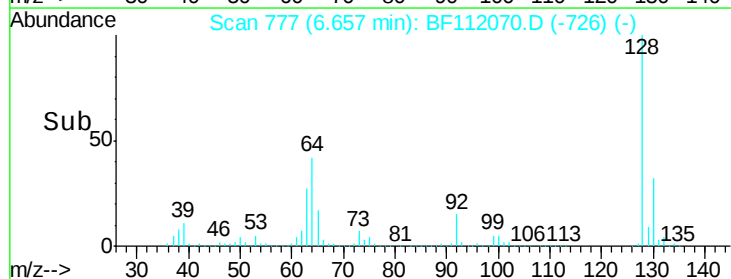
128 100

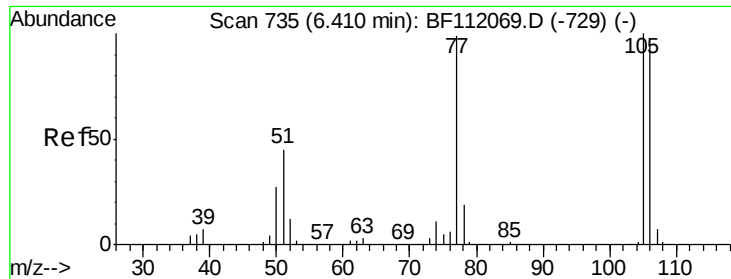
130 32.5 13.4 53.4

64 42.2 20.5 60.5



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: 34.973 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

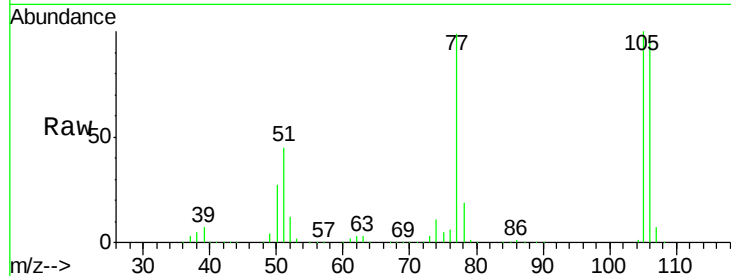
Tgt Ion: 77 Resp: 486512

Ion Ratio Lower Upper

77 100

105 101.0 80.8 120.8

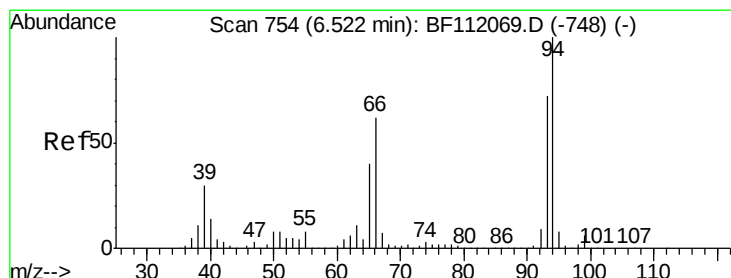
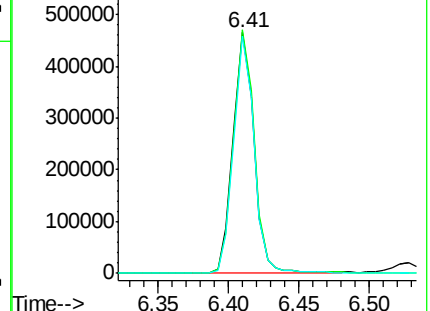
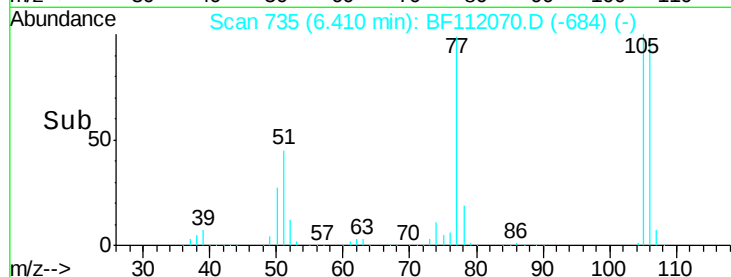
106 98.4 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.013 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

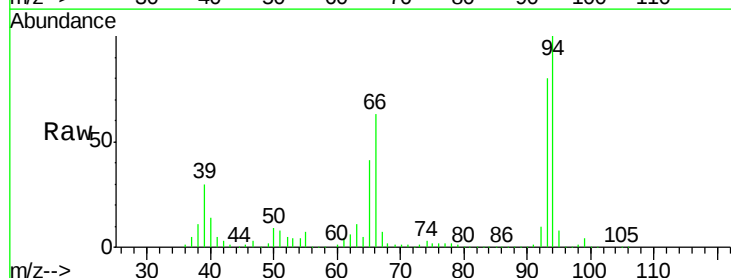
Tgt Ion: 94 Resp: 1063908

Ion Ratio Lower Upper

94 100

65 41.1 20.3 60.3

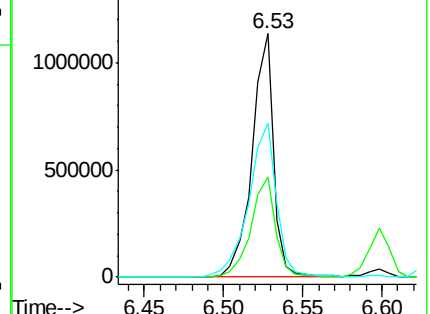
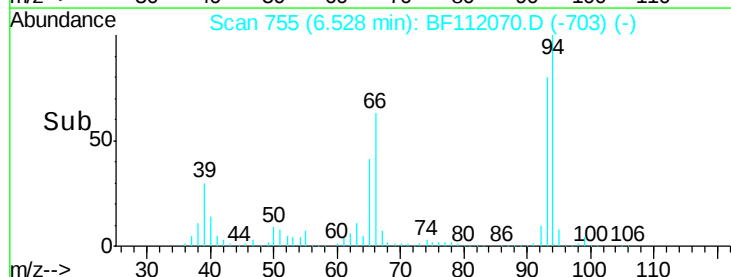
66 63.1 42.4 82.4

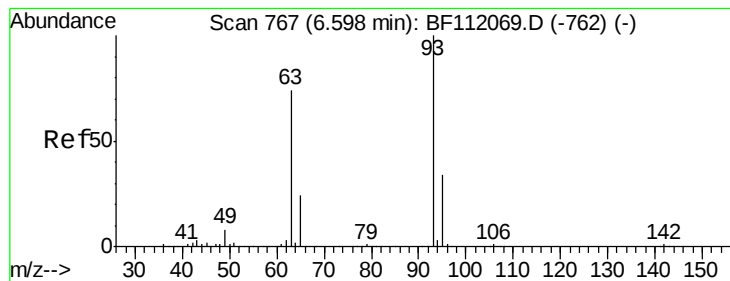


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

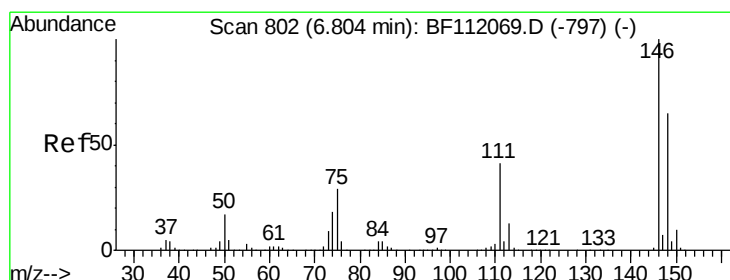
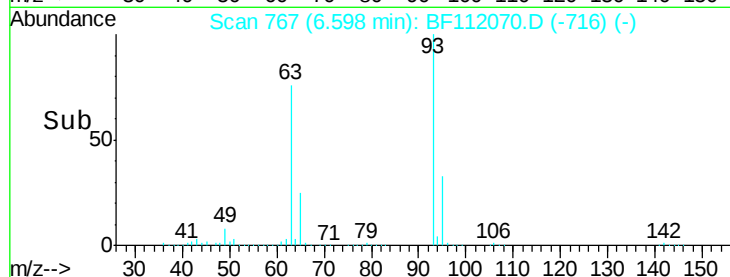
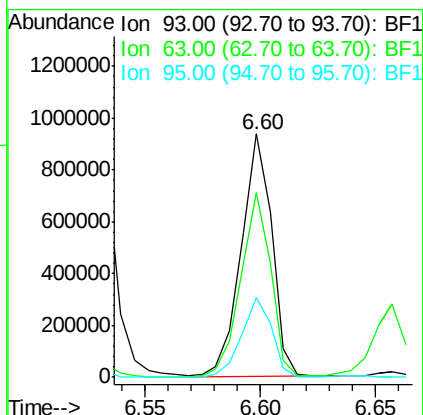
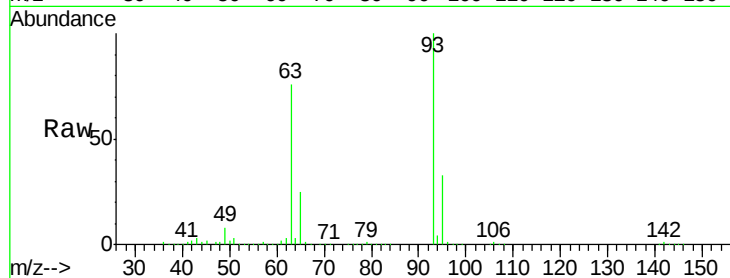




#11
bis(2-Chloroethyl)ether
Concen: 46.741 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

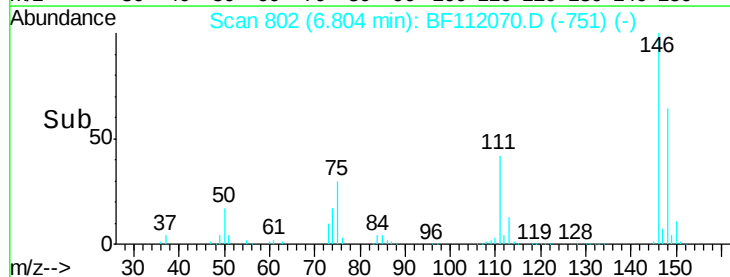
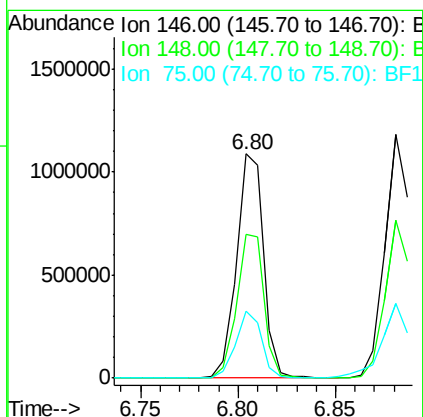
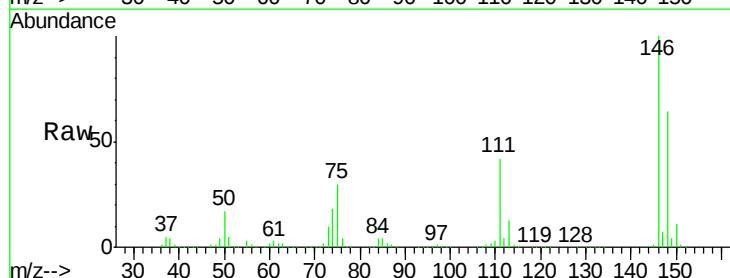
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

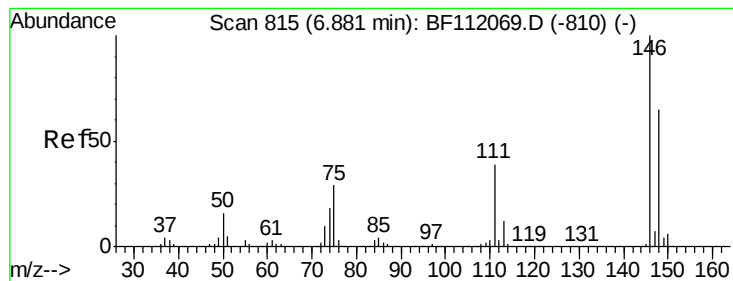
Tgt Ion: 93 Resp: 874073
Ion Ratio Lower Upper
93 100
63 75.9 53.3 93.3
95 33.0 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 46.805 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion: 146 Resp: 1039653
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 29.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 46.991 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

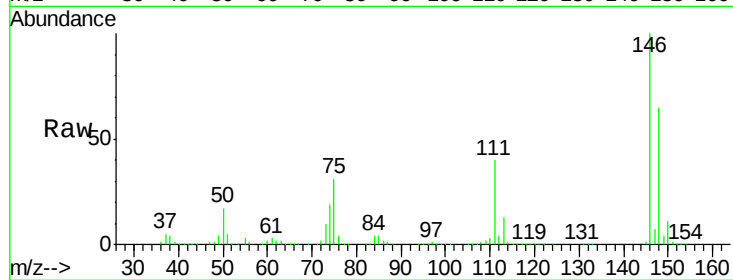
Tgt Ion:146 Resp: 1059203

Ion Ratio Lower Upper

146 100

148 64.7 52.0 78.0

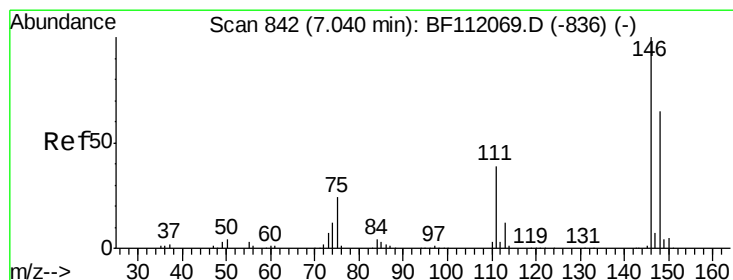
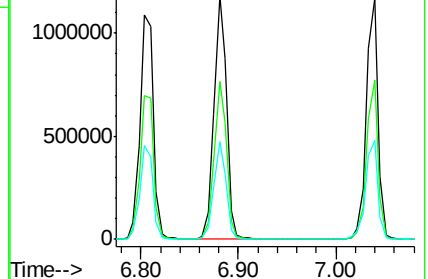
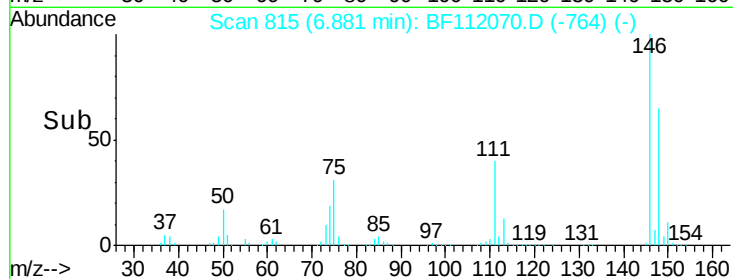
111 40.3 31.2 46.8



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: 45.023 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

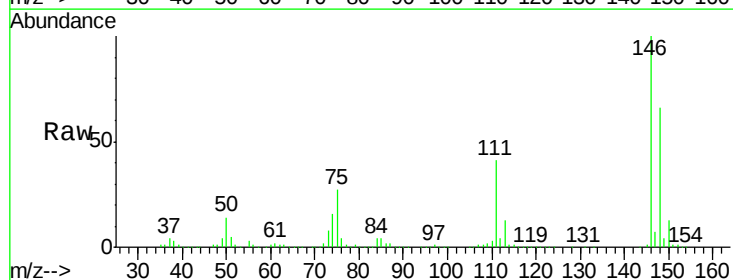
Tgt Ion:146 Resp: 970076

Ion Ratio Lower Upper

146 100

148 66.1 52.2 78.4

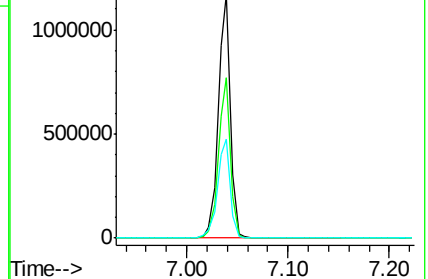
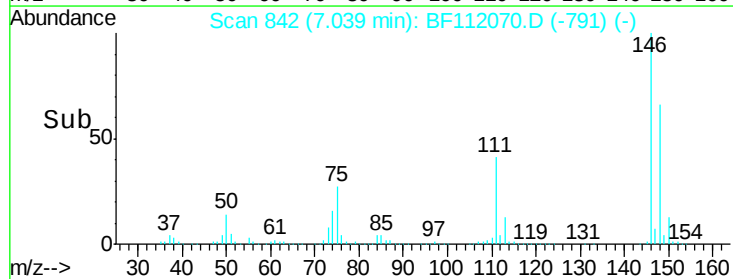
111 40.8 31.2 46.8

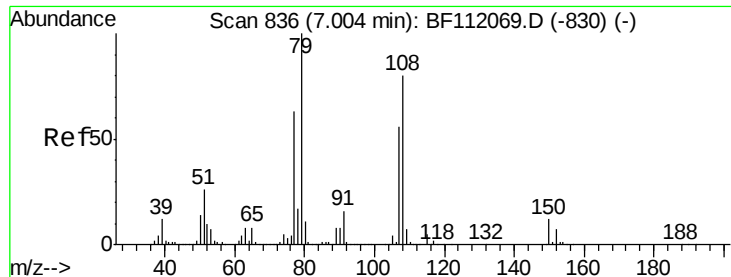


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.226 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

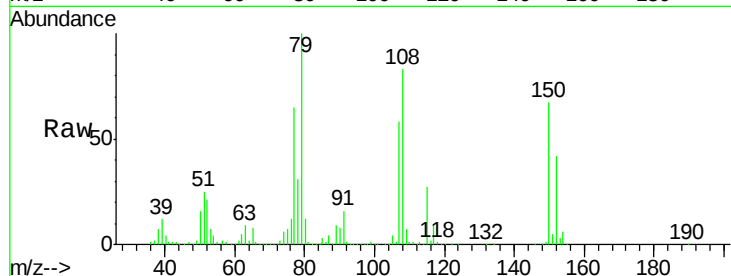
Tgt Ion: 79 Resp: 743043

Ion Ratio Lower Upper

79 100

108 82.6 64.2 96.2

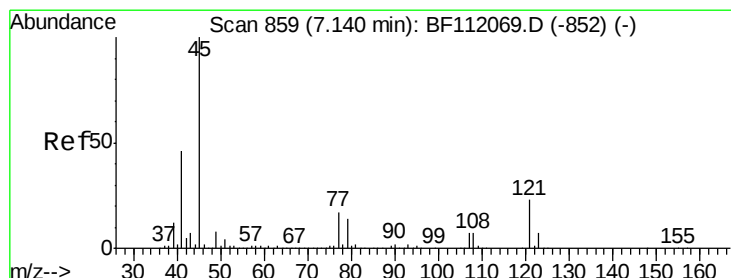
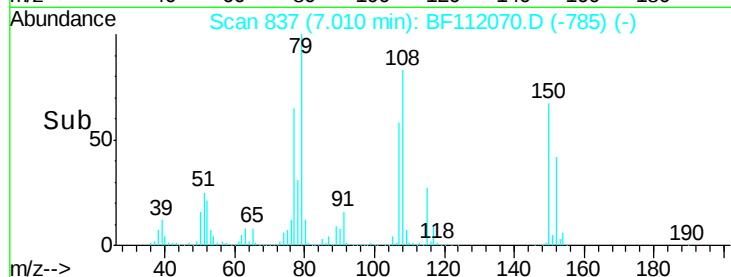
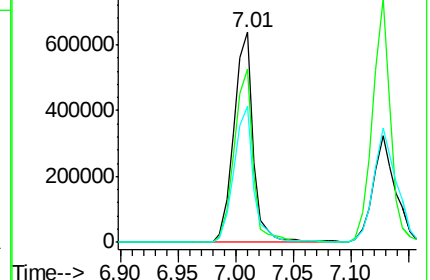
77 65.1 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.353 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

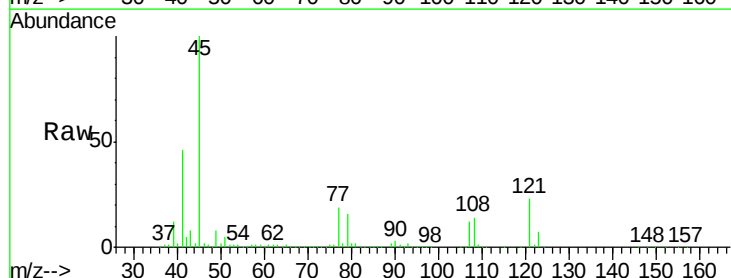
Tgt Ion: 45 Resp: 1222842

Ion Ratio Lower Upper

45 100

77 19.3 0.0 36.9

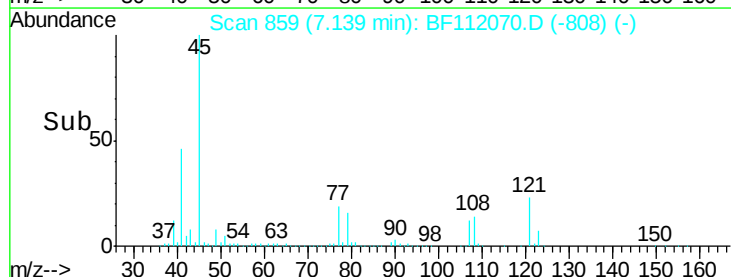
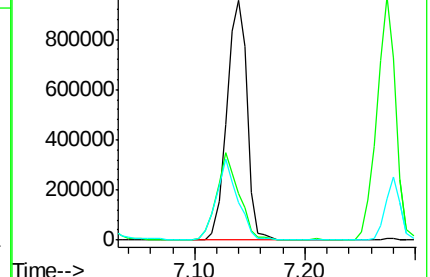
79 15.7 0.0 34.0

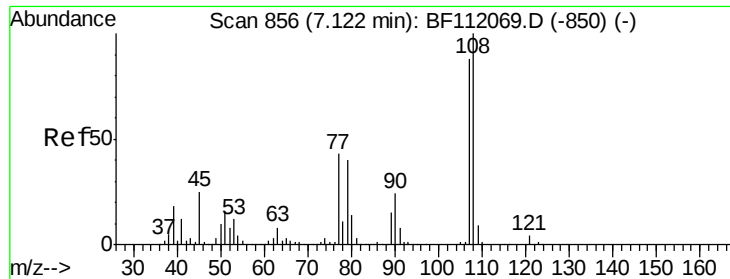


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

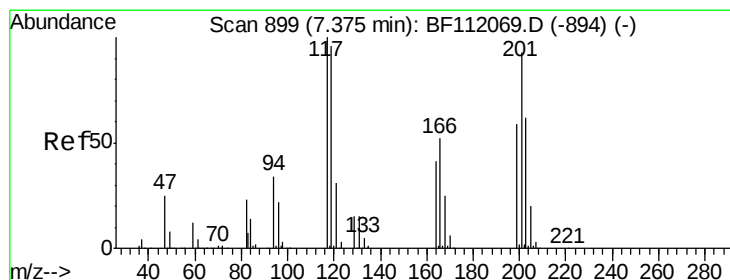
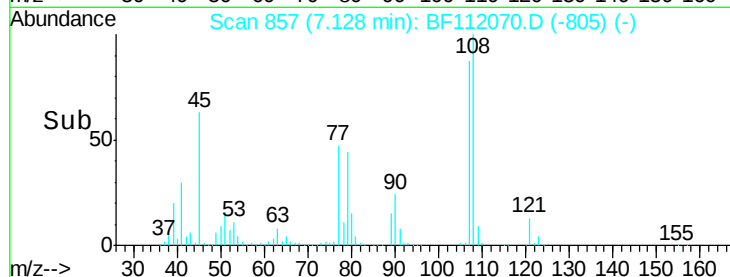
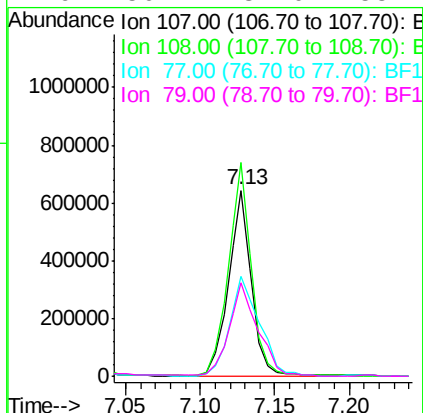
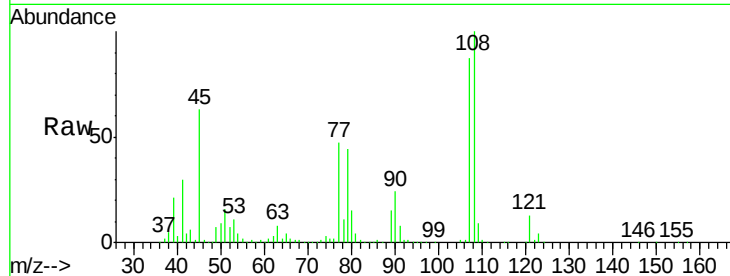




#17
2-Methylphenol
Concen: 44.825 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

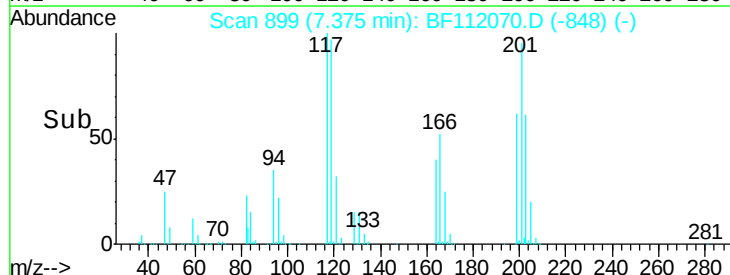
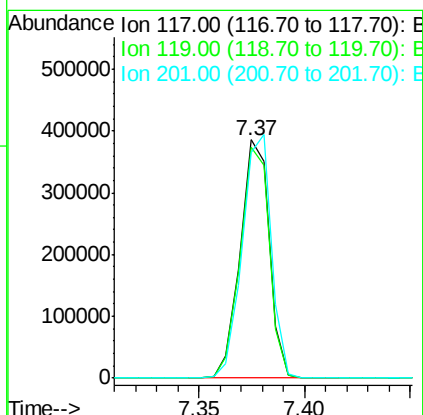
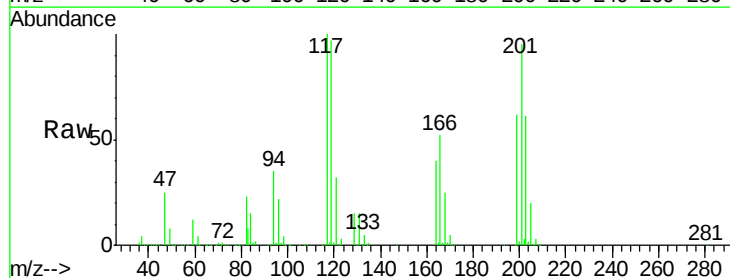
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

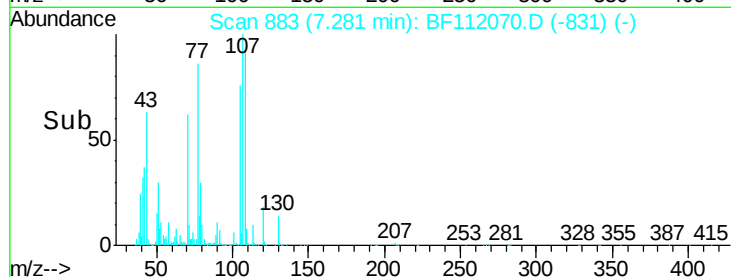
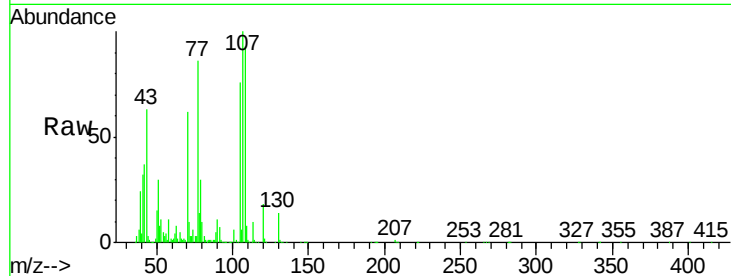
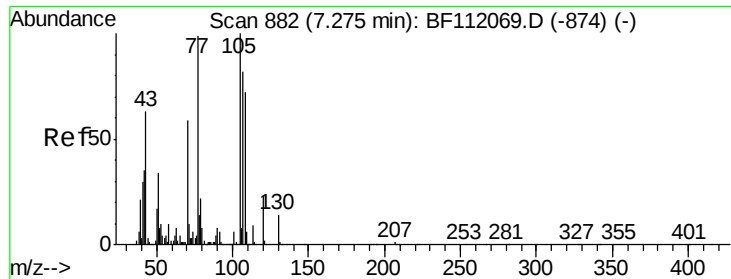
Tgt Ion:	107	Resp:	690276
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.3	136.9
77	53.8	39.0	58.6
79	50.4	37.0	55.4



#18
Hexachloroethane
Concen: 46.495 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:	117	Resp:	365916
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	94.6	74.1	111.1

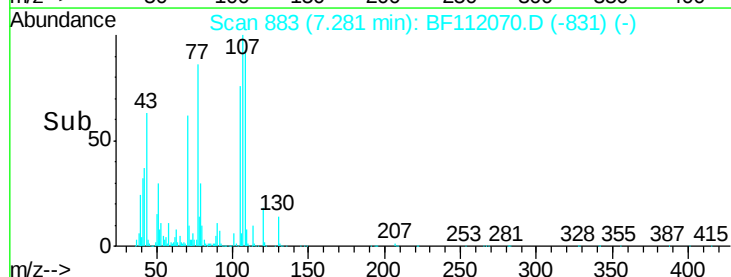
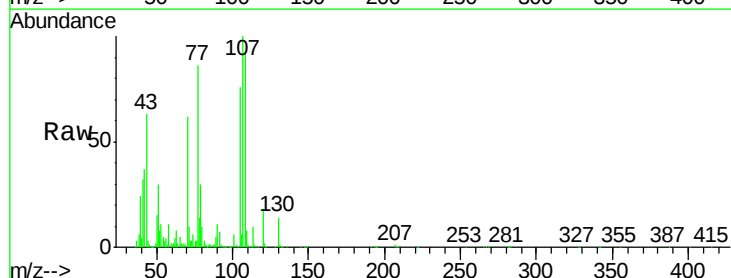
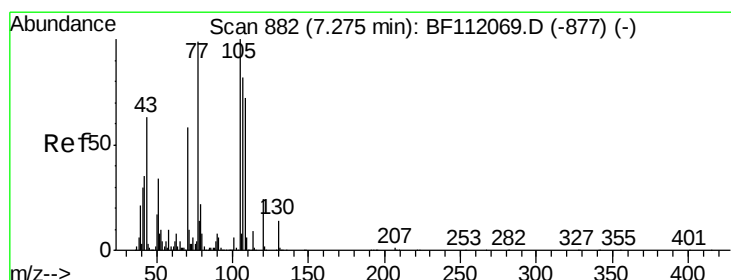
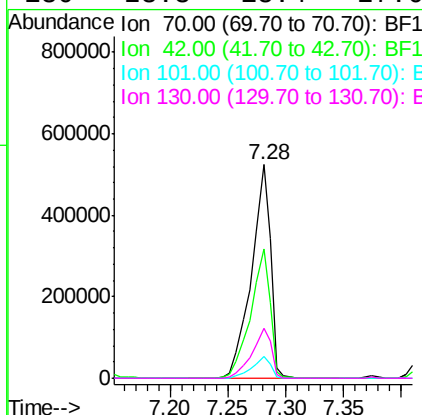




#19
n-Nitroso-di-n-propylamine
Concen: 41.810 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

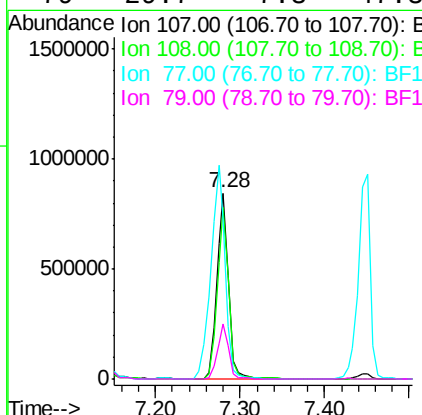
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

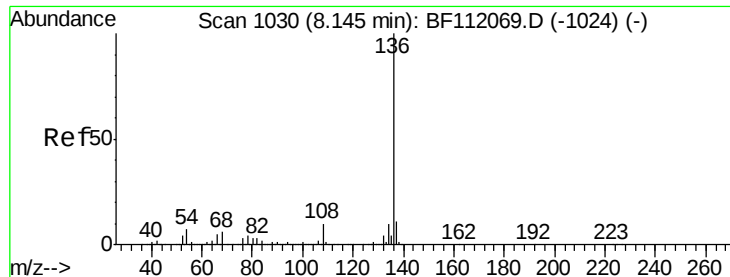
Tgt Ion: 70 Resp: 604172
Ion Ratio Lower Upper
70 100
42 60.4 47.6 71.4
101 10.2 7.9 11.9
130 23.3 18.4 27.6



#20
3+4-Methylphenols
Concen: 43.365 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion: 107 Resp: 831108
Ion Ratio Lower Upper
107 100
108 92.5 68.2 108.2
77 86.1 100.7 140.7#
79 29.7 7.3 47.3

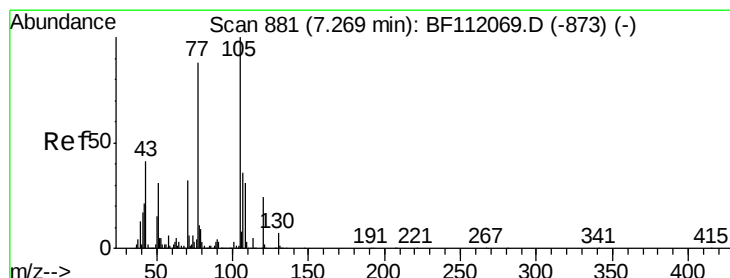
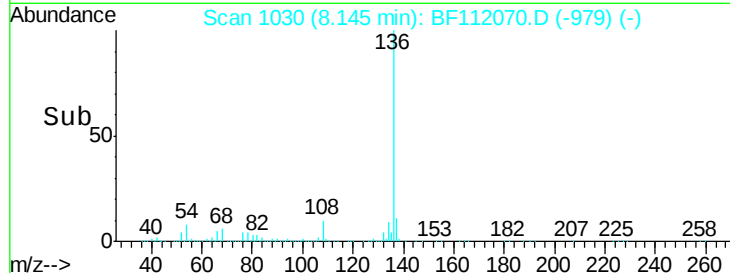
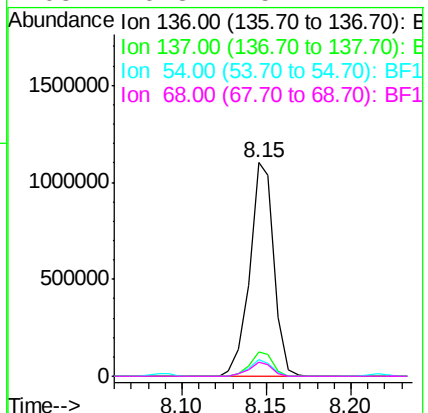
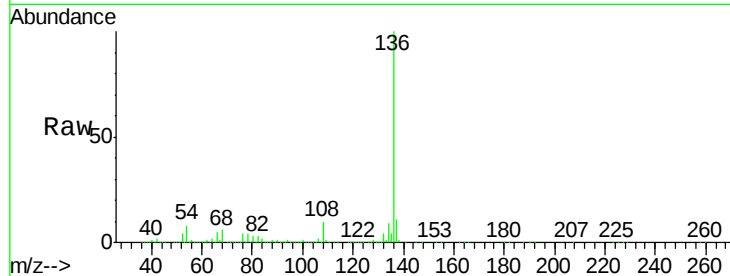




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

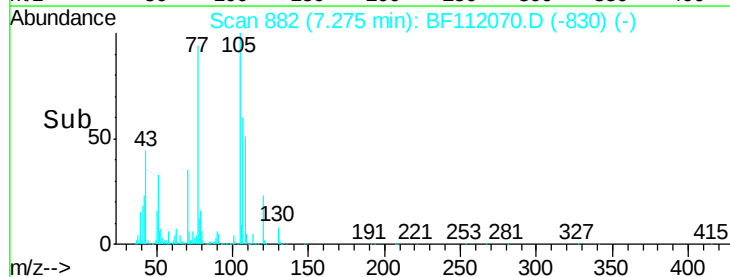
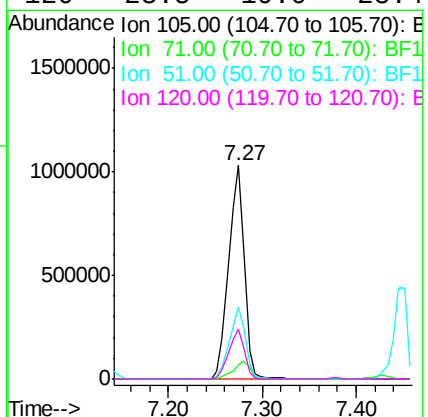
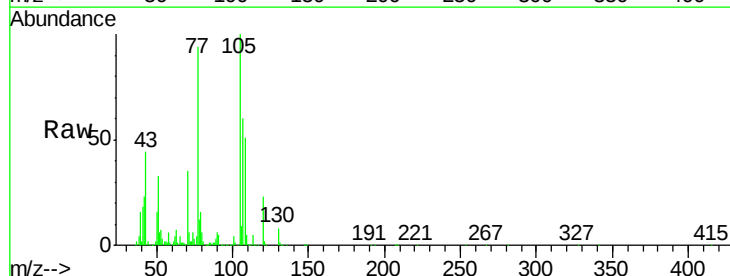
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

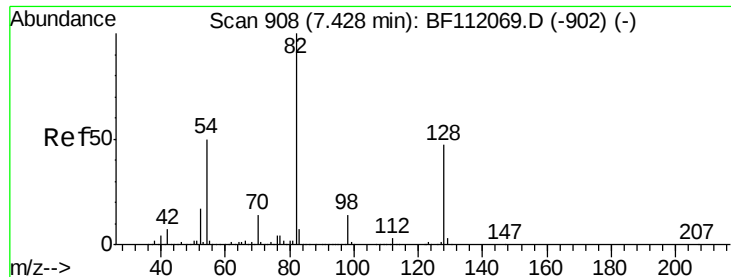
Tgt Ion:136	Resp: 1098707
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 7.7	5.9 8.9
68 6.3	5.1 7.7



#22
Acetophenone
Concen: 43.259 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt	Ion:105	Resp:	1203293
Ion	Ratio	Lower	Upper
105	100		
71	6.4	4.6	6.8
51	33.3	25.0	37.6
120	23.5	19.0	28.4

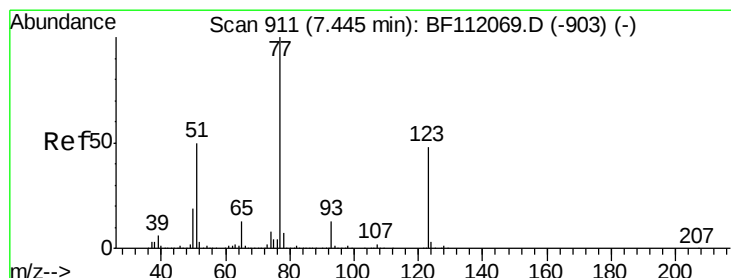
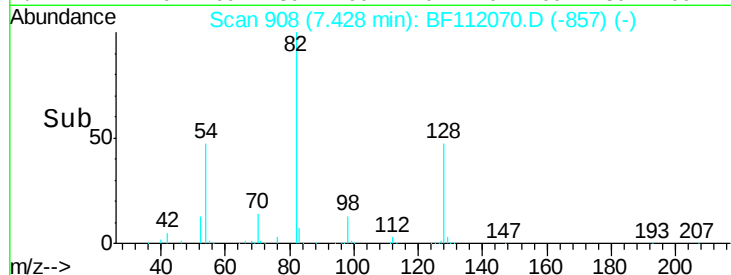
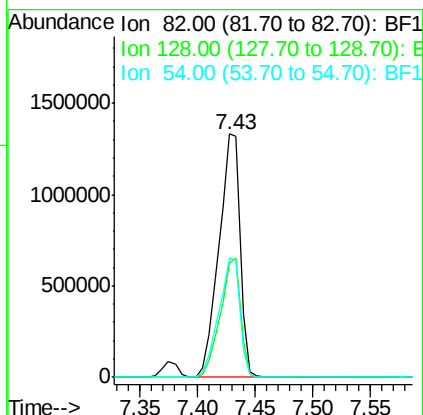
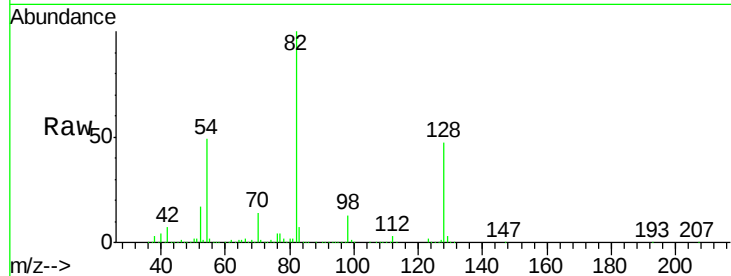




#23
 Nitrobenzene-d5
 Concen: 82.380 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

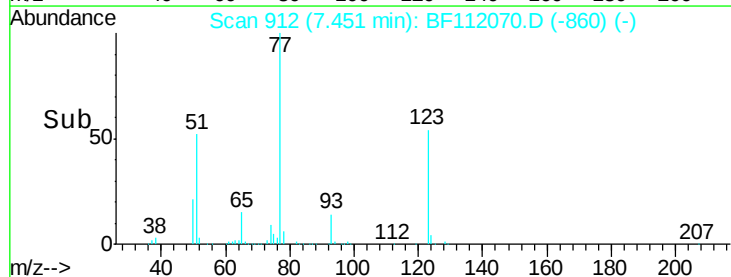
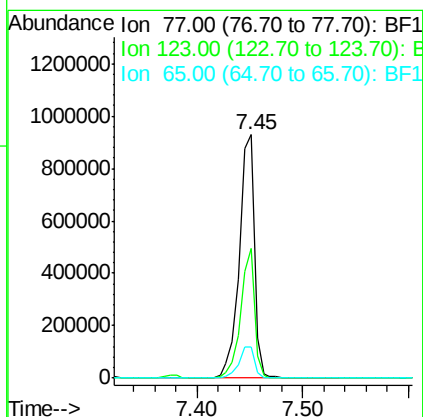
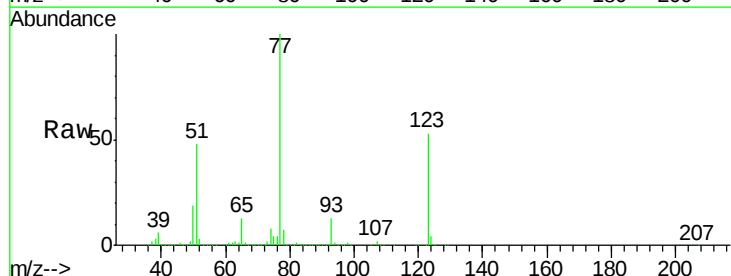
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

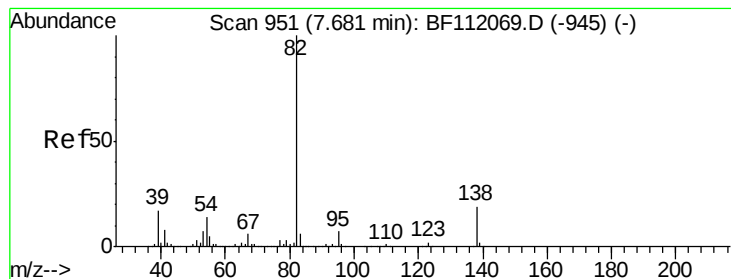
Tgt Ion: 82 Resp: 1693537
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 49.2 39.7 59.5



#24
 Nitrobenzene
 Concen: 43.590 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion: 77 Resp: 906491
 Ion Ratio Lower Upper
 77 100
 123 53.1 38.4 57.6
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 45.047 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

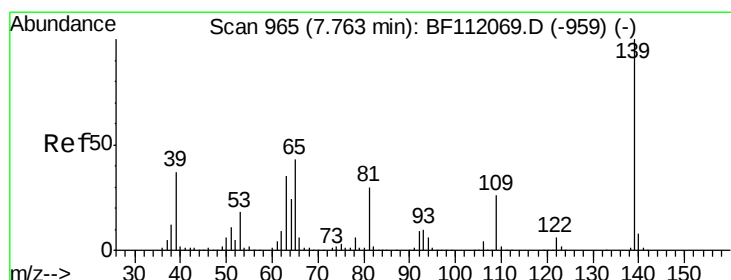
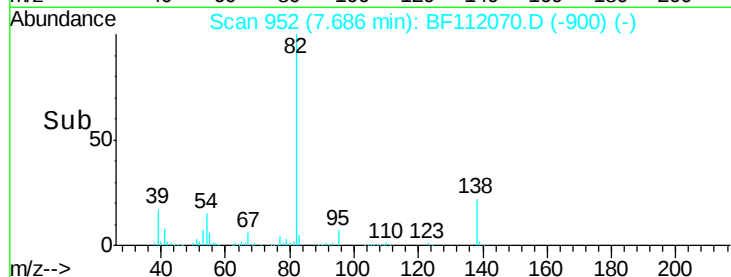
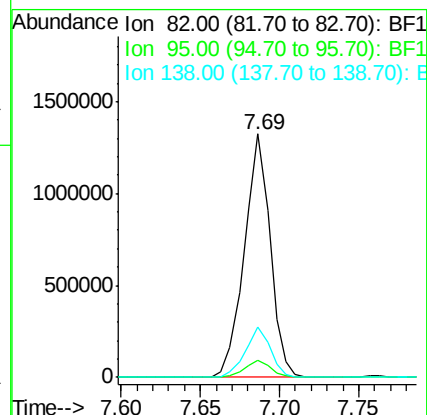
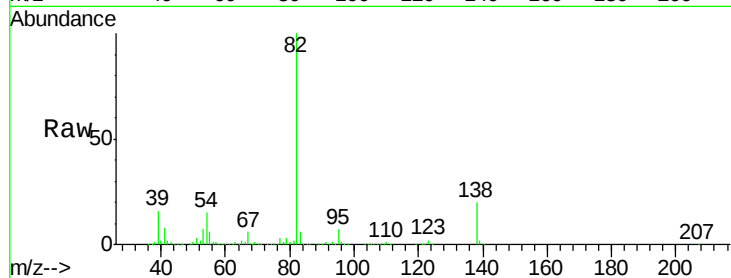
Tgt Ion: 82 Resp: 1499586

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 20.4 15.4 23.0



#26

2-Nitrophenol

Concen: 42.238 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

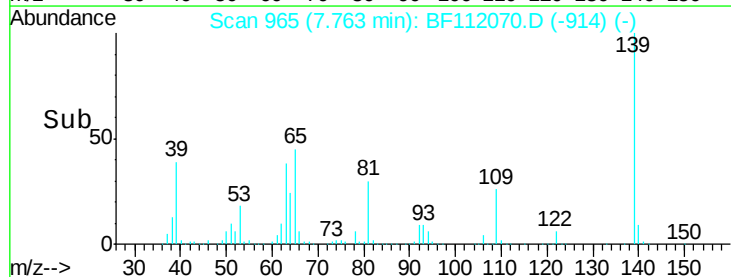
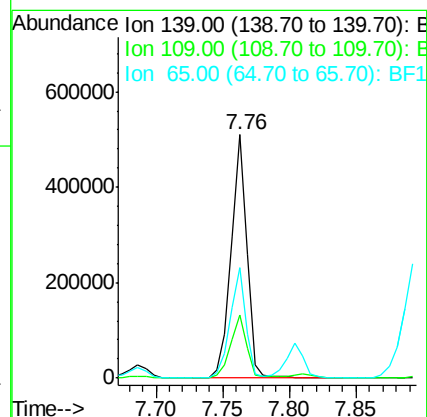
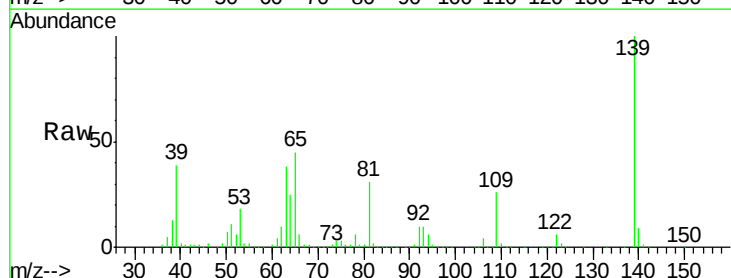
Tgt Ion: 139 Resp: 432491

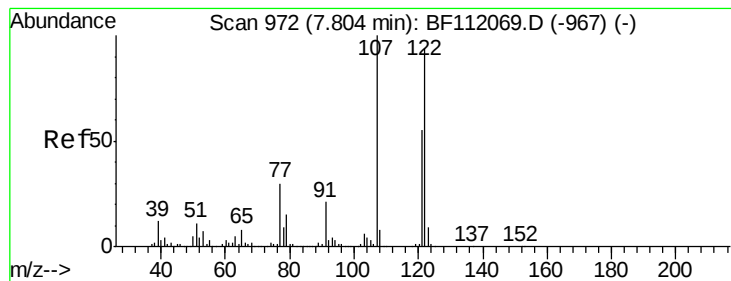
Ion Ratio Lower Upper

139 100

109 26.0 20.8 31.2

65 45.5 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 47.670 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

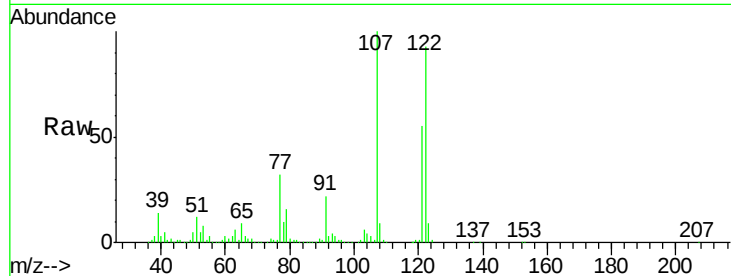
Tgt Ion:122 Resp: 705755

Ion Ratio Lower Upper

122 100

107 107.2 85.4 128.0

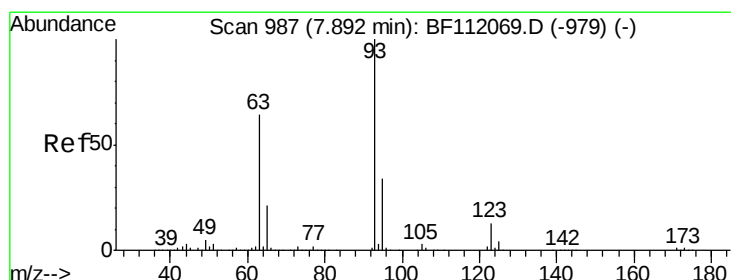
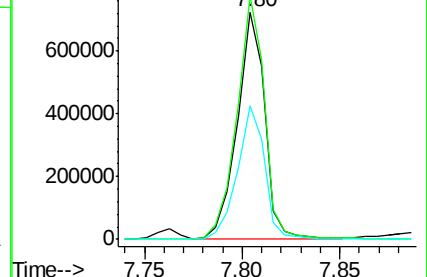
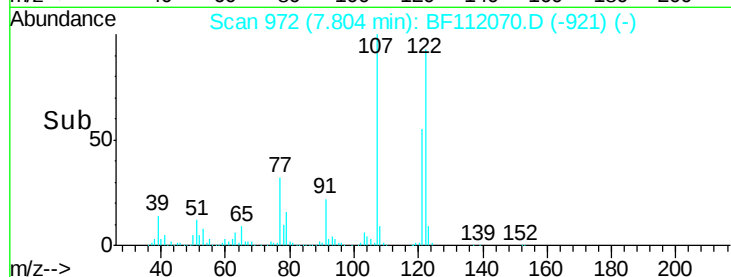
121 58.6 47.0 70.4



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: 46.365 ng

RT: 7.89 min Scan# 987

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

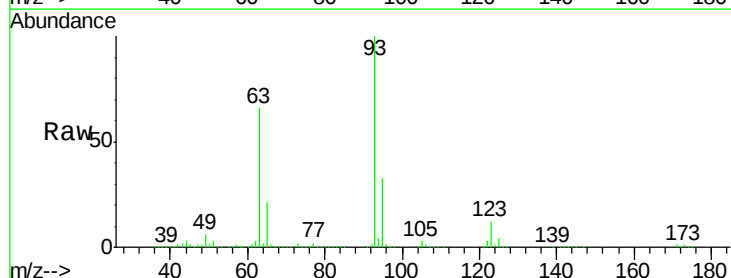
Tgt Ion: 93 Resp: 1030242

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

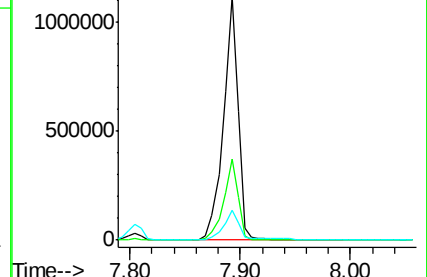
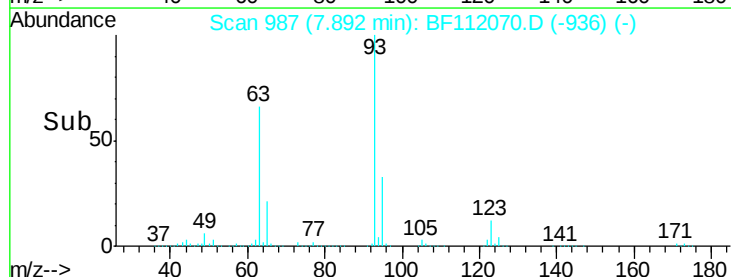
123 12.4 10.2 15.2

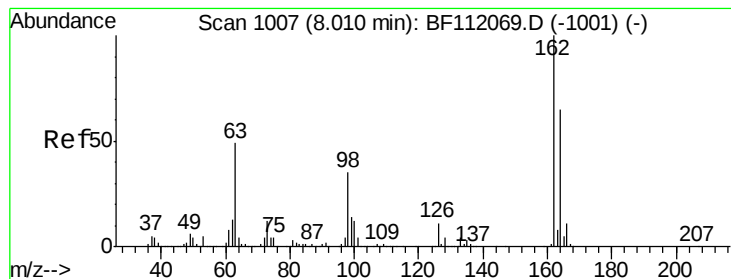


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.152 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

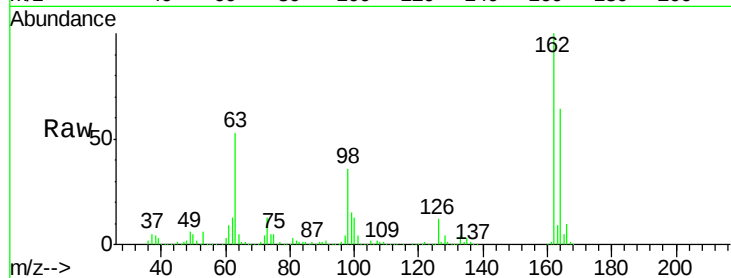
Tgt Ion:162 Resp: 785696

Ion Ratio Lower Upper

162 100

164 63.7 44.6 84.6

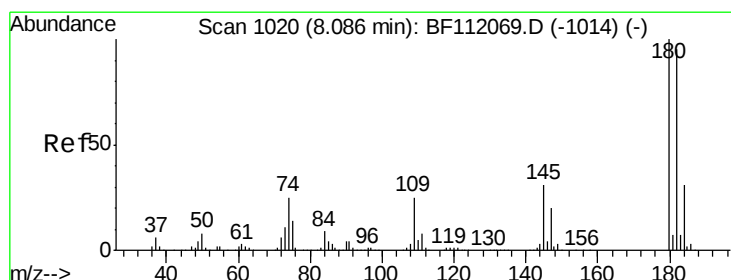
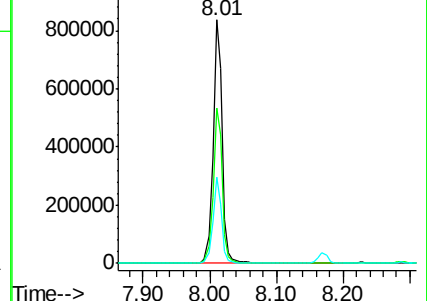
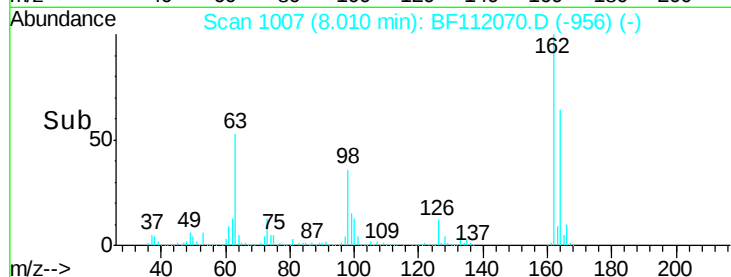
98 35.6 14.6 54.6



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: 47.261 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

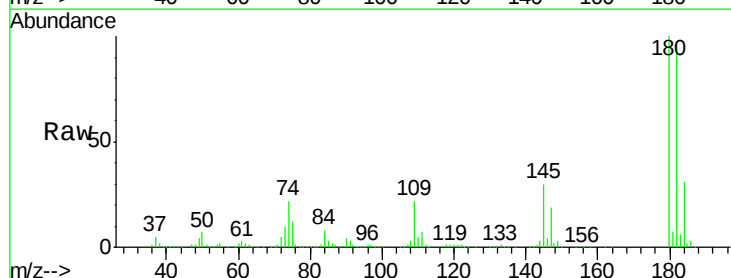
Tgt Ion:180 Resp: 887594

Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

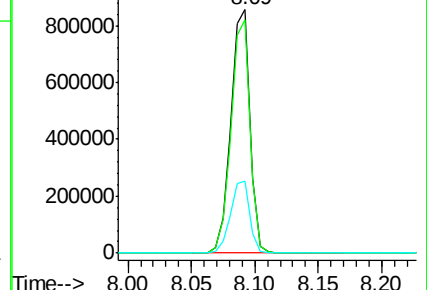
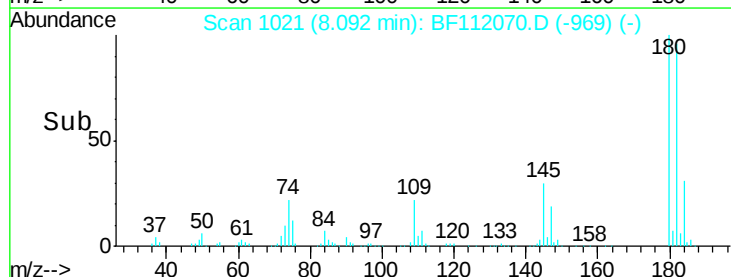
145 29.8 25.0 37.4

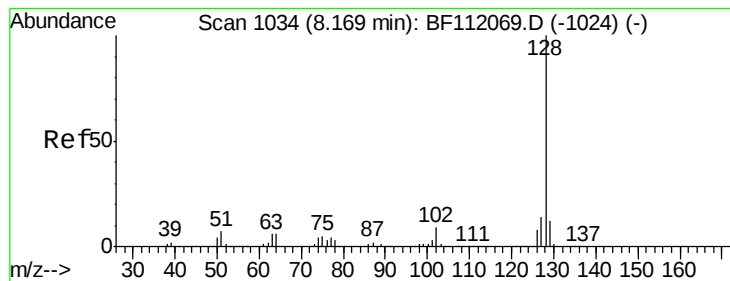


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.760 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

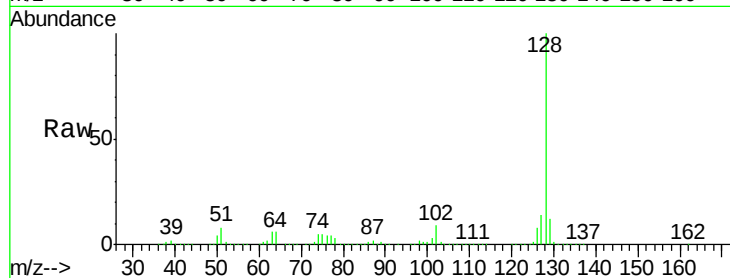
Tgt Ion:128 Resp: 2386687

Ion Ratio Lower Upper

128 100

129 12.4 9.6 14.4

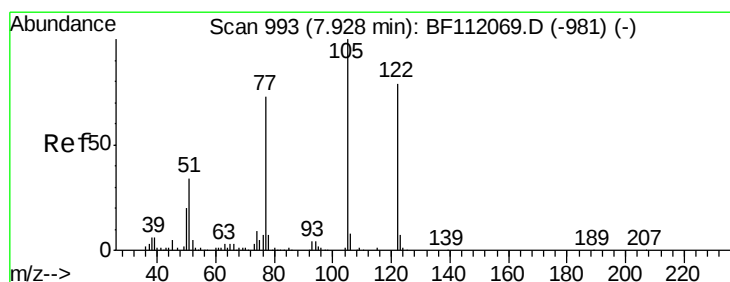
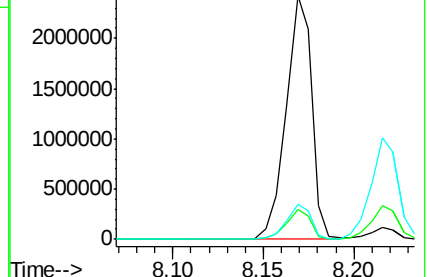
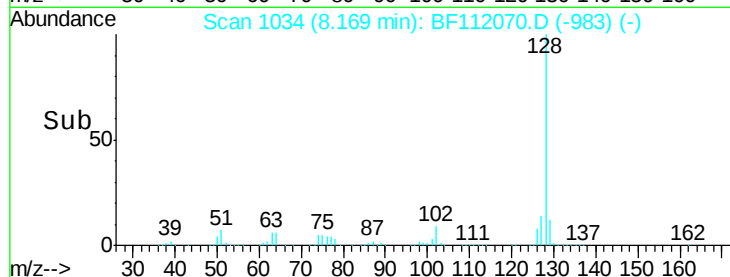
127 14.2 11.1 16.7



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: 29.292 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

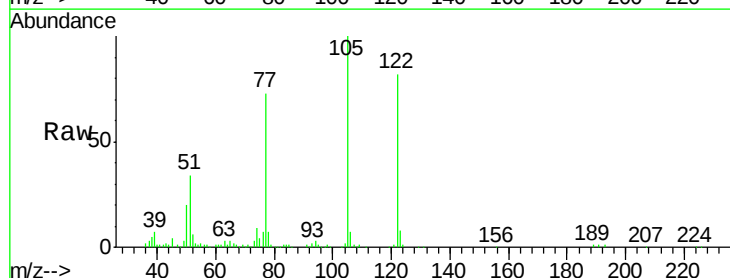
Tgt Ion:122 Resp: 281425

Ion Ratio Lower Upper

122 100

105 122.0 101.2 141.2

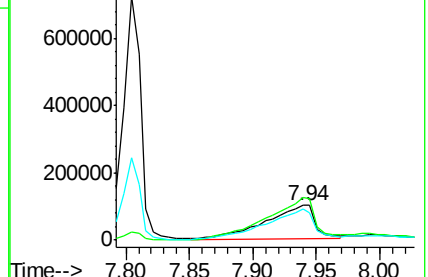
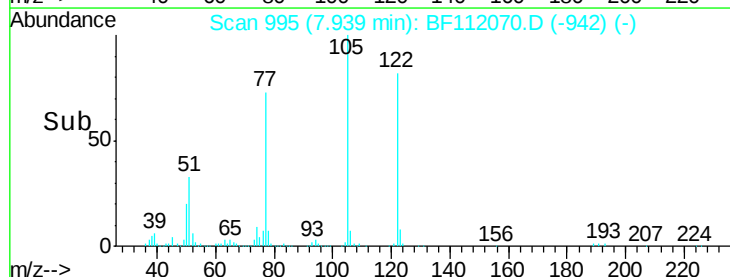
77 89.3 70.4 110.4

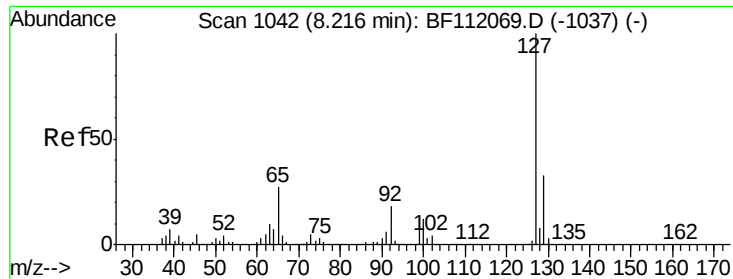


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

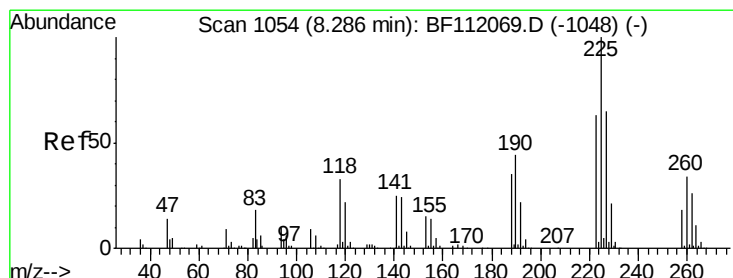
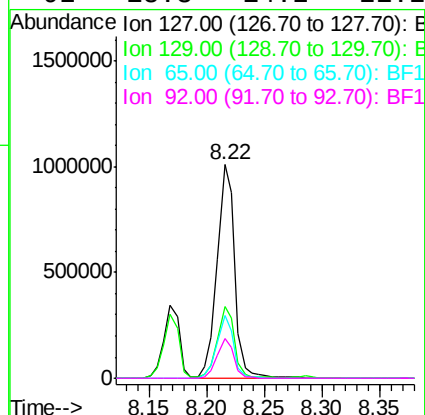
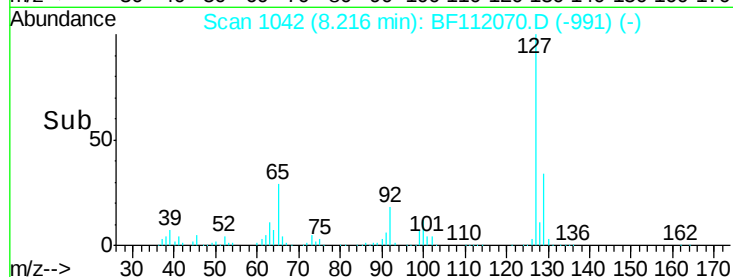
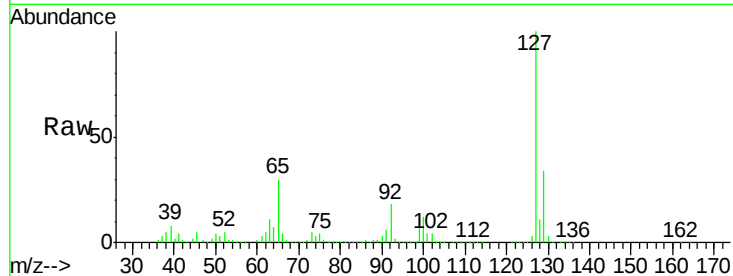




#33
4-Chloroaniline
Concen: 47.563 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

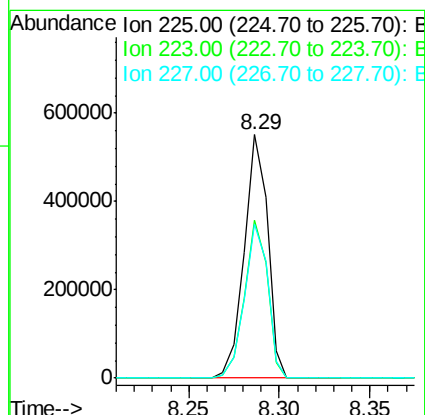
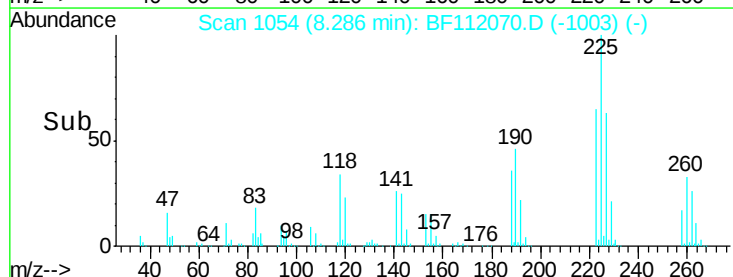
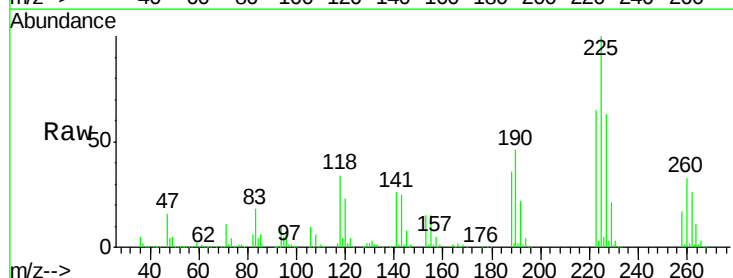
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

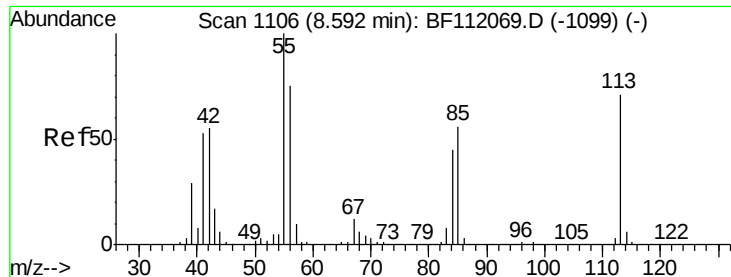
Tgt Ion:	127	Resp:	1072374
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.6	39.8
65	29.6	21.4	32.2
92	18.3	14.2	21.2



#34
Hexachlorobutadiene
Concen: 42.217 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:	225	Resp:	493595
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.3	75.5
227	63.3	51.8	77.8

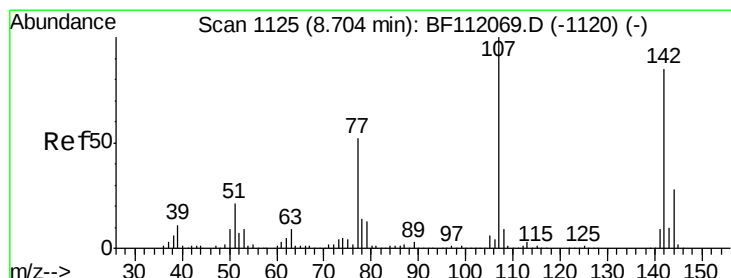
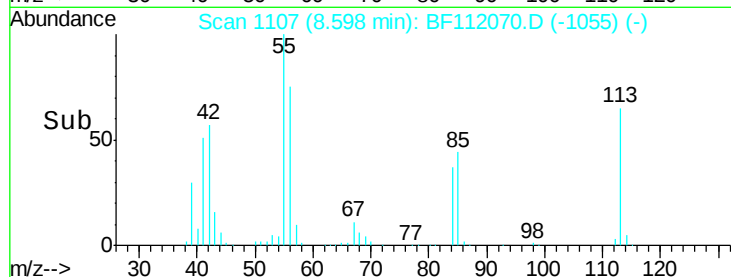
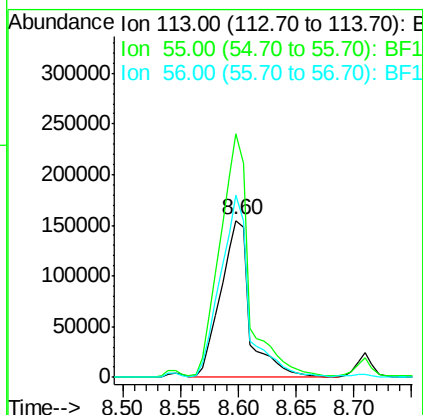
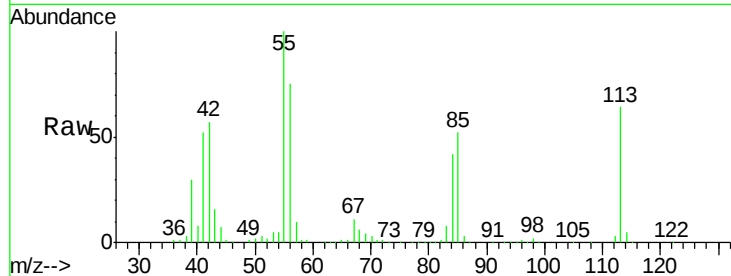




#35
 Caprolactam
 Concen: 48.337 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

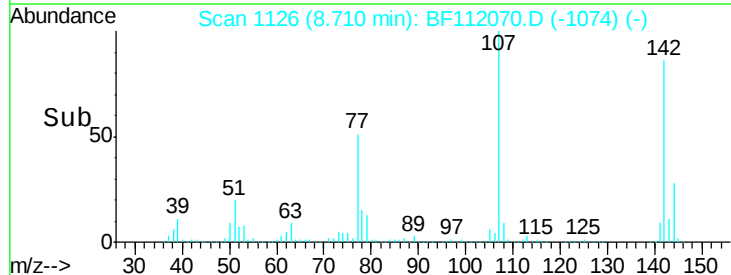
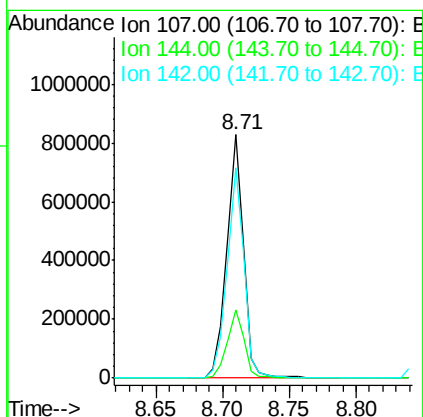
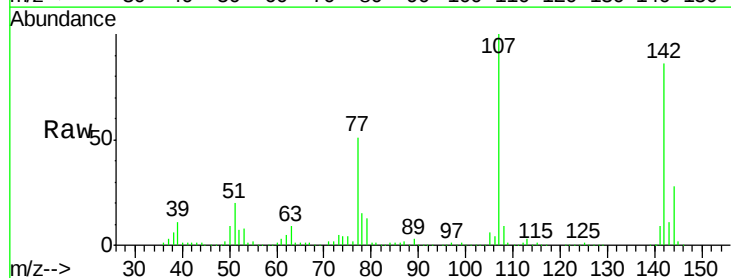
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

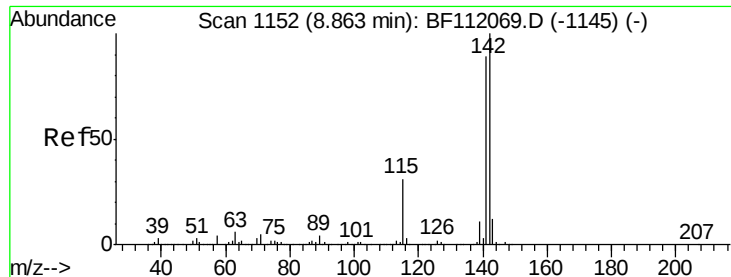
Tgt Ion:113 Resp: 268858
 Ion Ratio Lower Upper
 113 100
 55 155.3 121.6 161.6
 56 116.4 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.208 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion:107 Resp: 748294
 Ion Ratio Lower Upper
 107 100
 144 28.2 22.2 33.2
 142 86.4 67.7 101.5

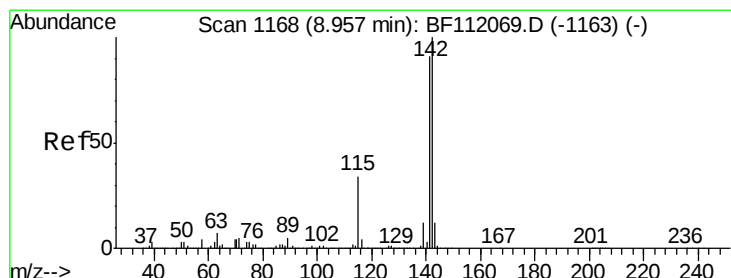
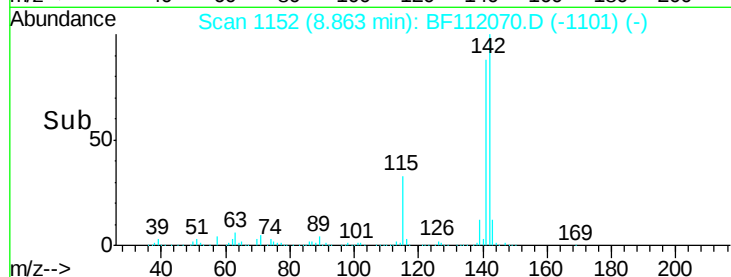
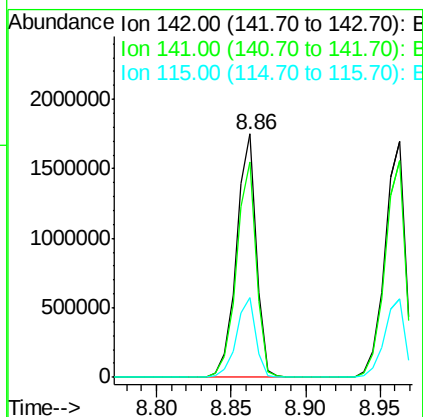
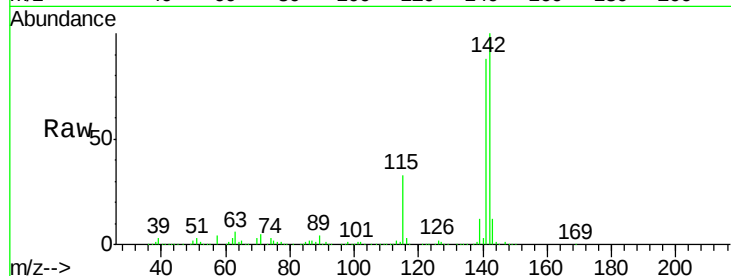




#37
2-Methylnaphthalene
Concen: 50.422 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

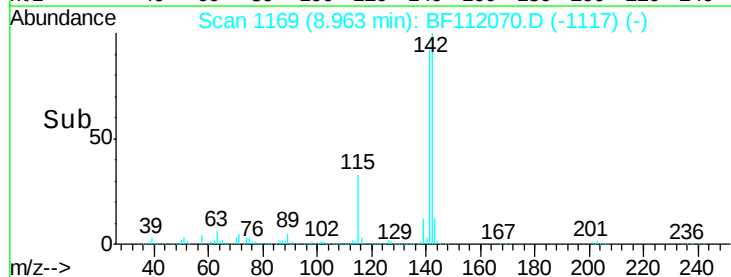
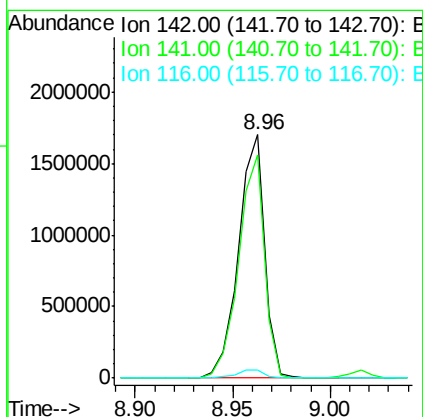
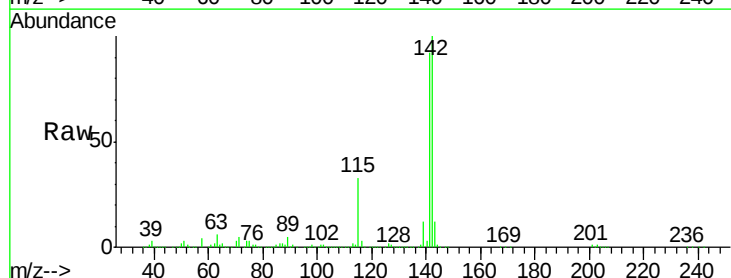
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

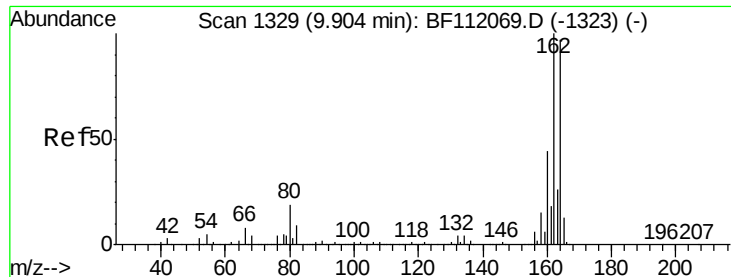
Tgt Ion:142 Resp: 1629557
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3
115 32.8 24.9 37.3



#38
1-Methylnaphthalene
Concen: 50.606 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:142 Resp: 1568675
Ion Ratio Lower Upper
142 100
141 91.7 72.6 108.8
116 3.4 2.8 4.2

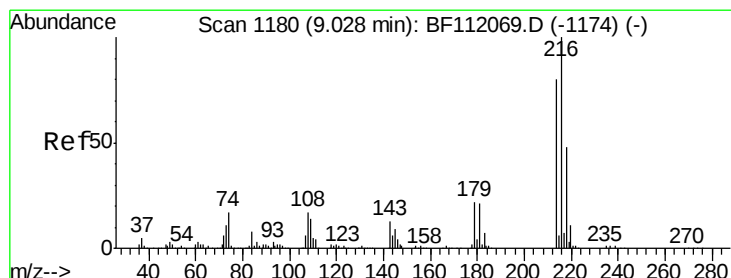
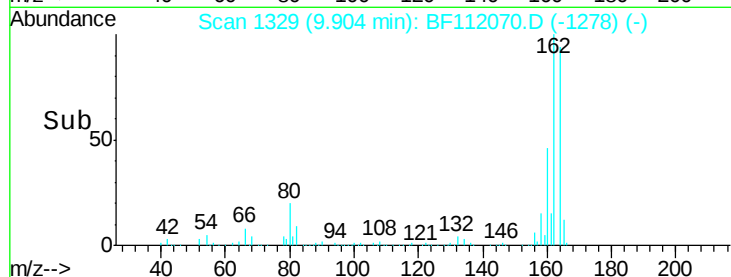
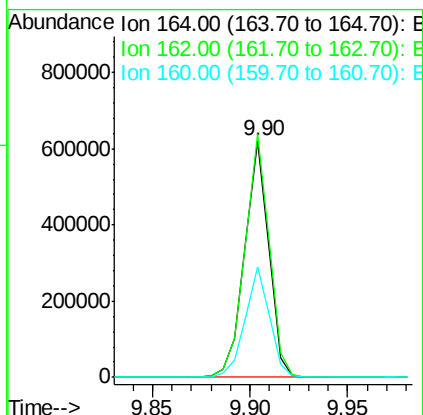
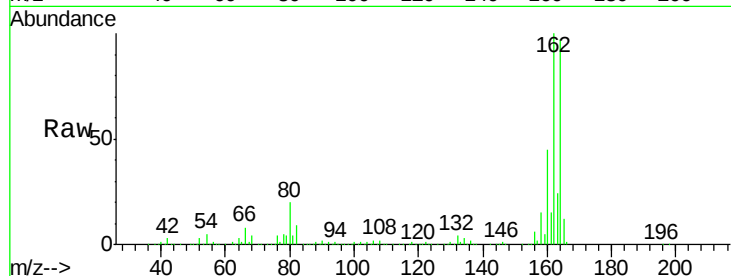




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

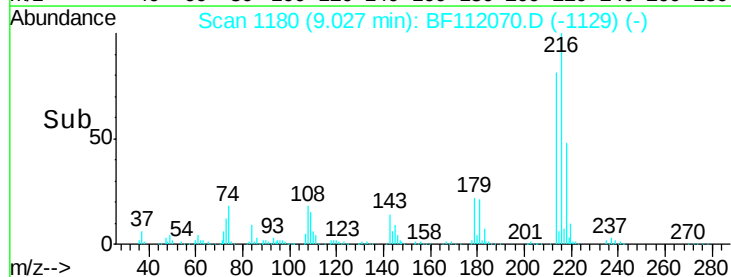
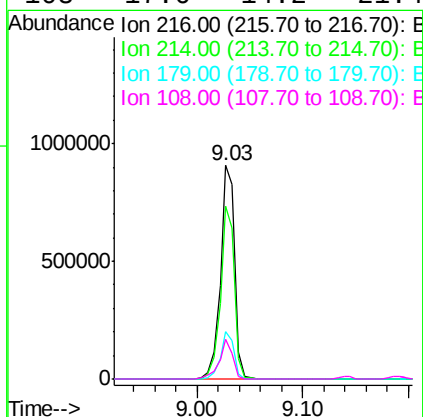
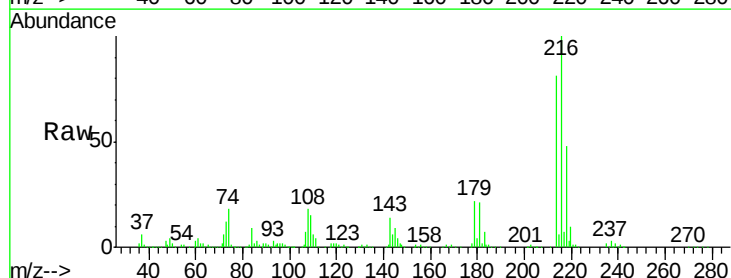
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

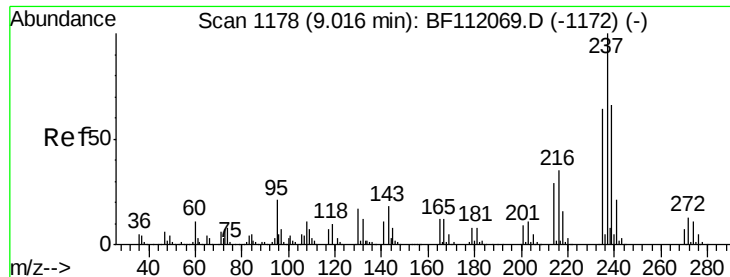
Tgt Ion:164 Resp: 534038
Ion Ratio Lower Upper
164 100
162 103.1 82.2 123.4
160 46.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.065 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:216 Resp: 852368
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.6
179 21.2 16.9 25.3
108 17.6 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 32.977 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

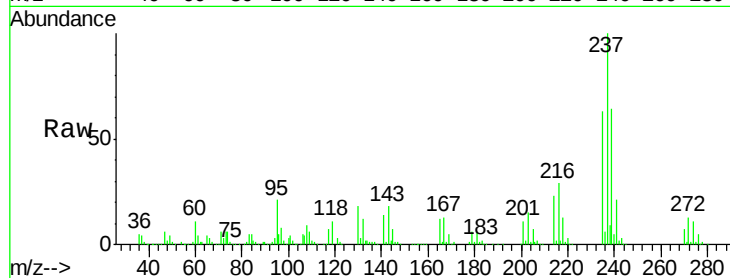
Tgt Ion: 237 Resp: 324628

Ion Ratio Lower Upper

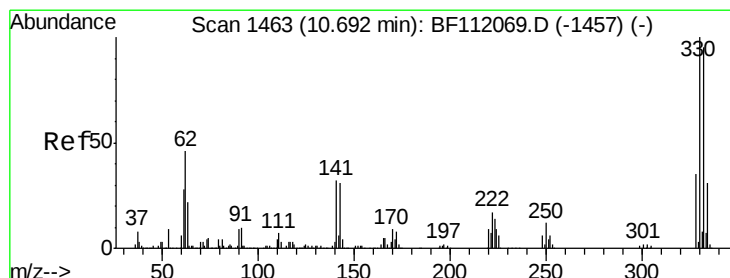
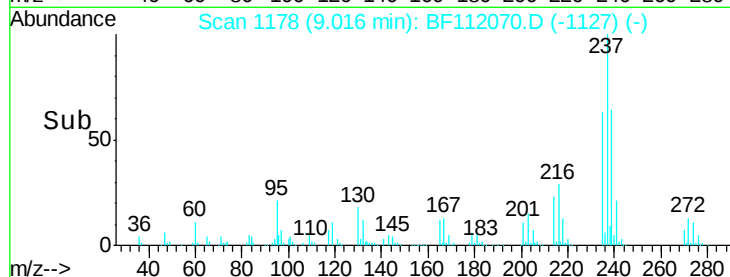
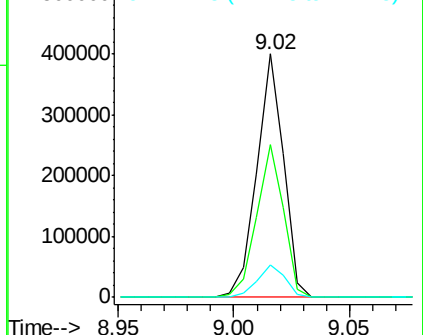
237 100

235 62.7 44.0 84.0

272 13.5 0.0 33.3



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: 87.091 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

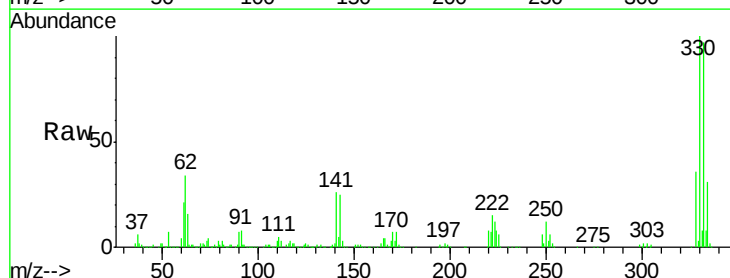
Tgt Ion: 330 Resp: 604951

Ion Ratio Lower Upper

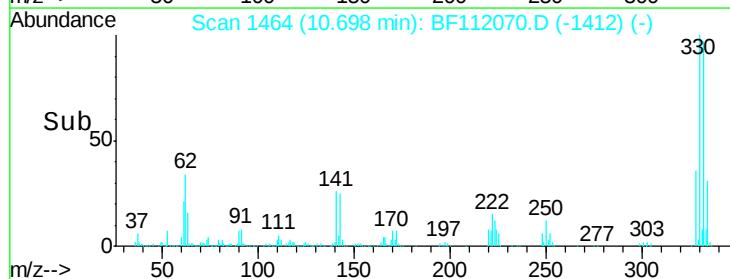
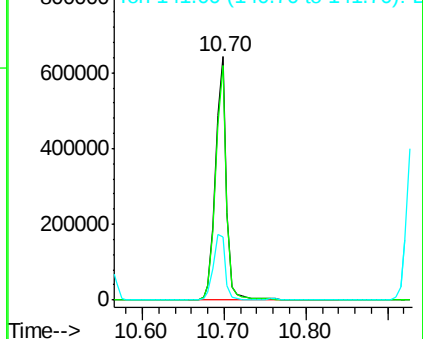
330 100

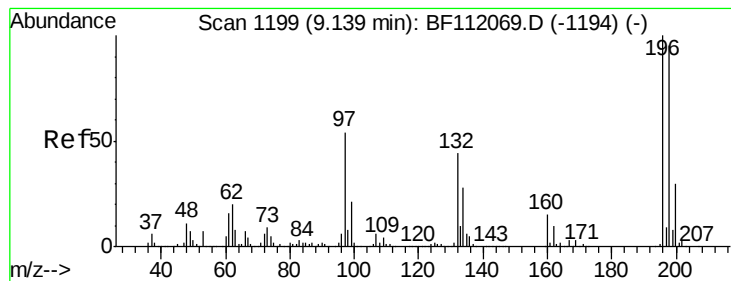
332 96.2 76.6 114.8

141 29.6 24.3 36.5



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

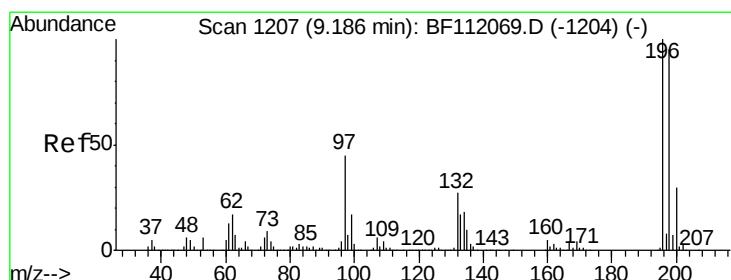
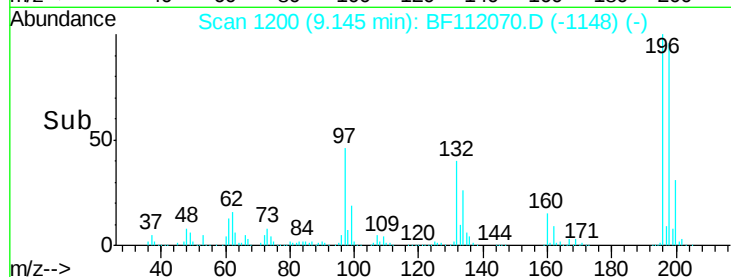
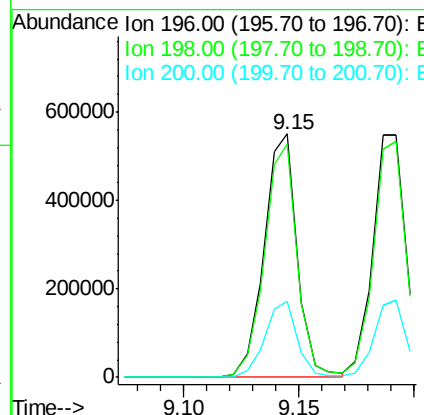
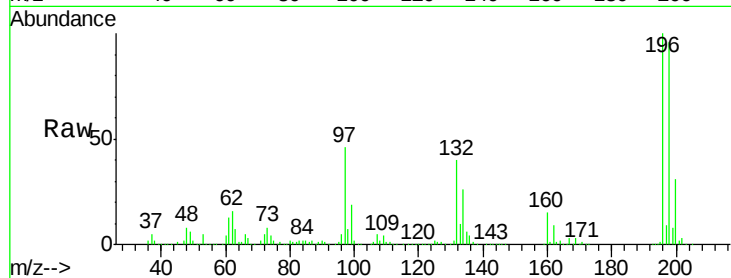




#43
 2,4,6-Trichlorophenol
 Concen: 47.439 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

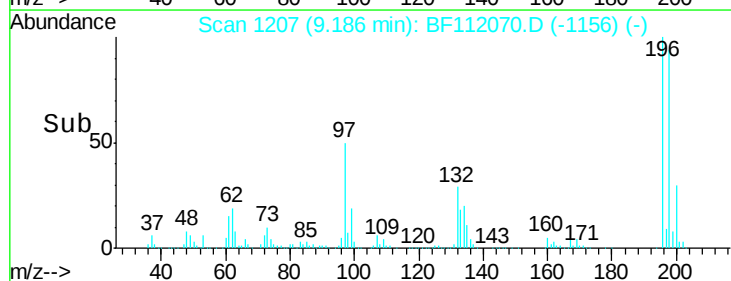
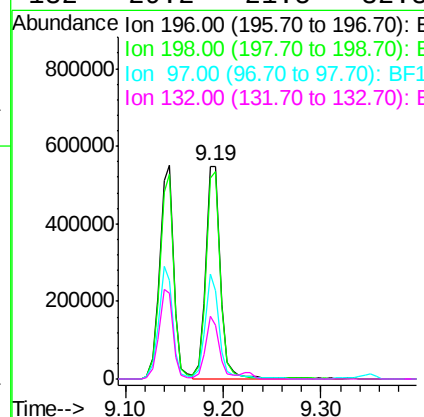
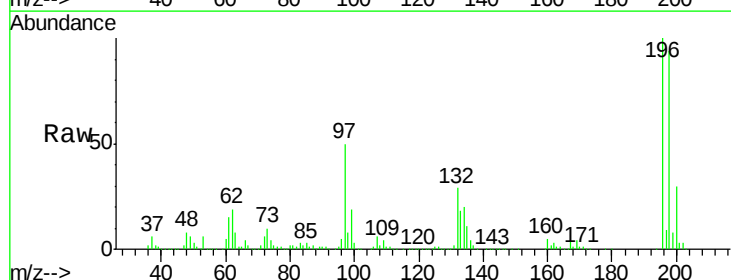
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

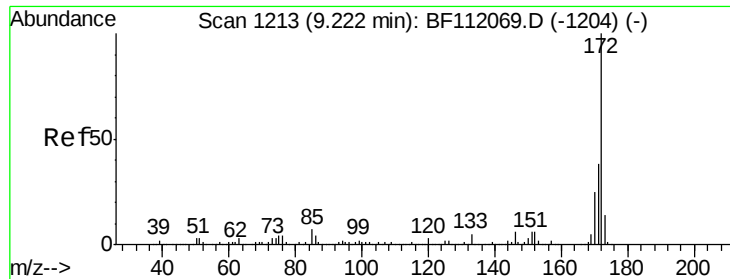
Tgt Ion:196 Resp: 547812
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.4
 200 31.4 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 47.246 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion:196 Resp: 571622
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.0 114.0
 97 49.6 36.4 54.6
 132 29.2 21.5 32.3

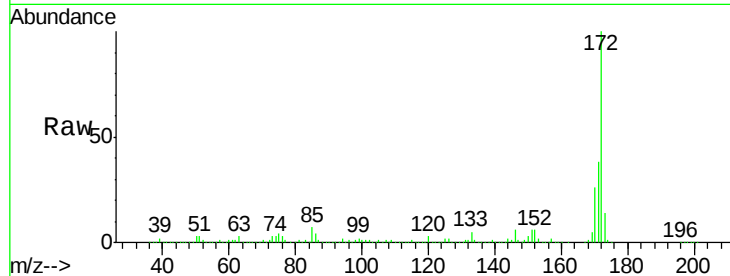




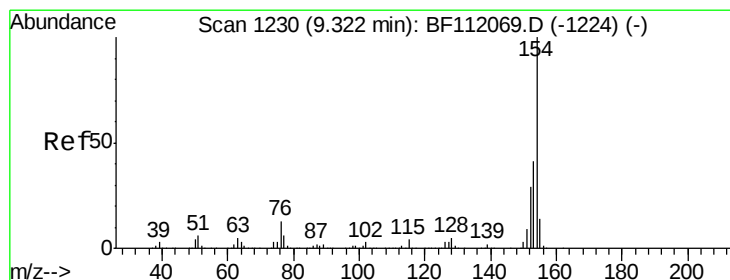
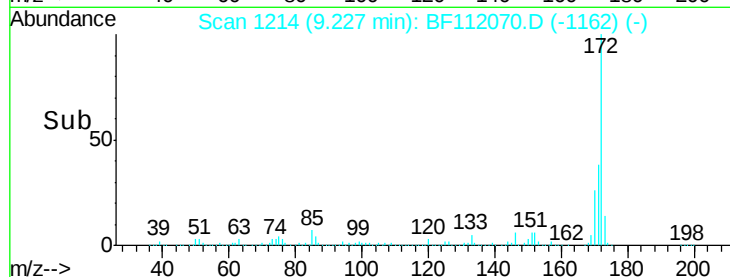
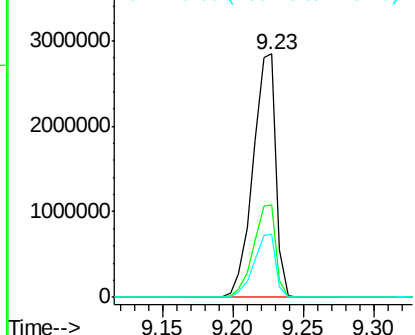
#45
 2-Fluorobiphenyl
 Concen: 88.842 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:172 Resp: 3253672
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.7 20.2 30.4

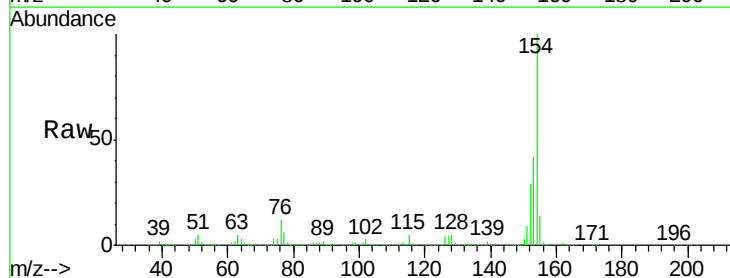


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

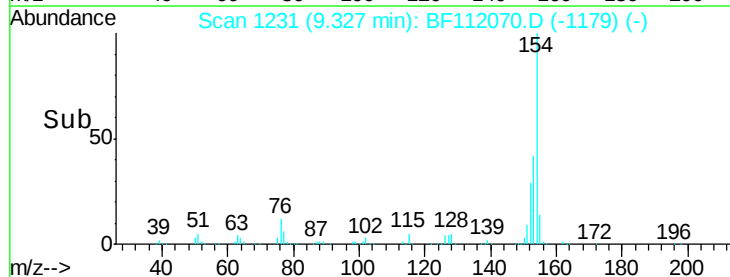
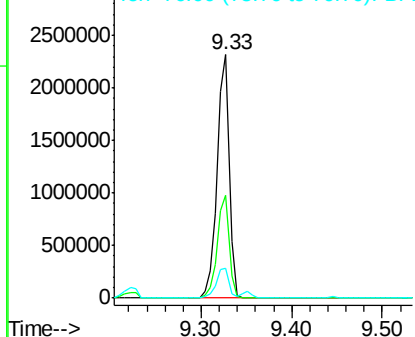


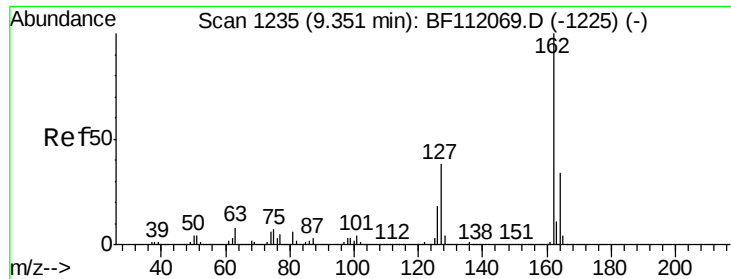
#46
 1,1'-Biphenyl
 Concen: 47.557 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion:154 Resp: 2124435
 Ion Ratio Lower Upper
 154 100
 153 42.3 21.5 61.5
 76 12.0 0.0 33.1



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

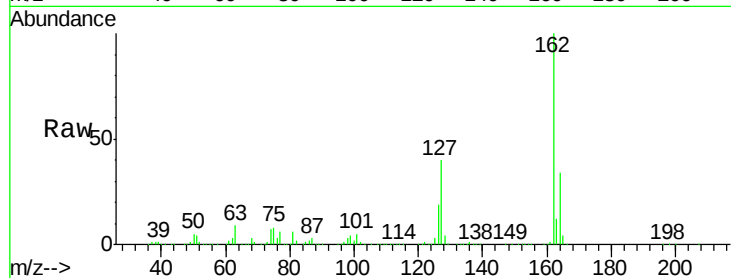




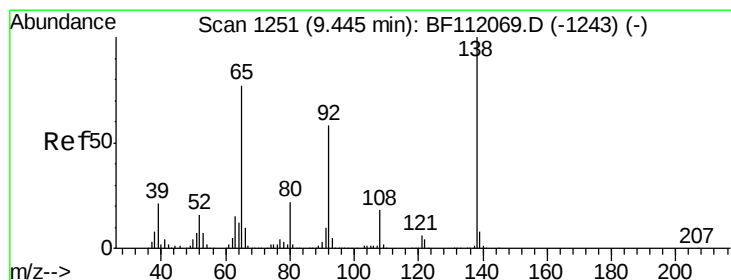
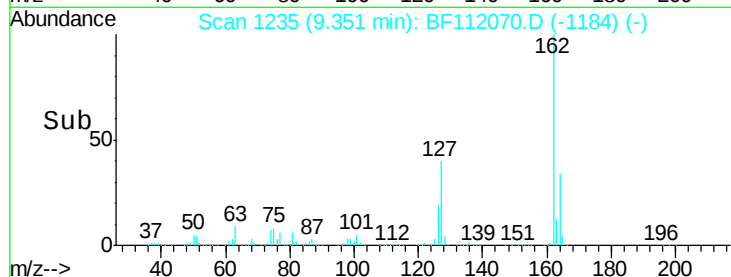
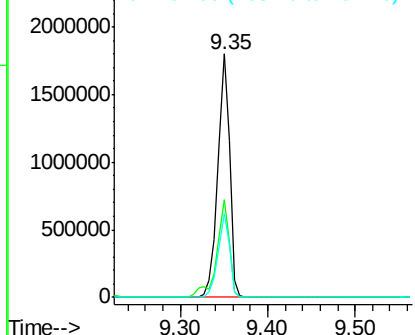
#47
2-Chloronaphthalene
Concen: 48.817 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:162 Resp: 1711516
Ion Ratio Lower Upper
162 100
127 40.3 30.4 45.6
164 34.3 27.4 41.2

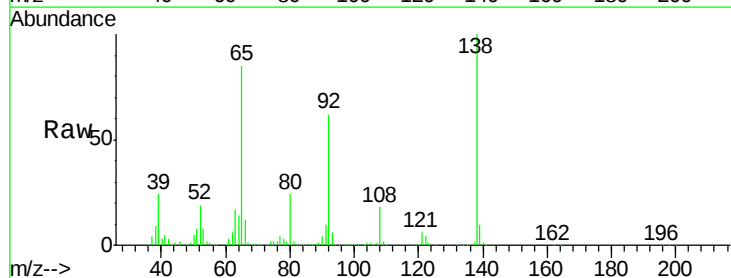


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

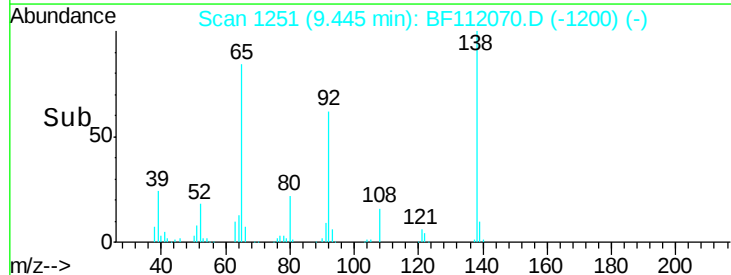
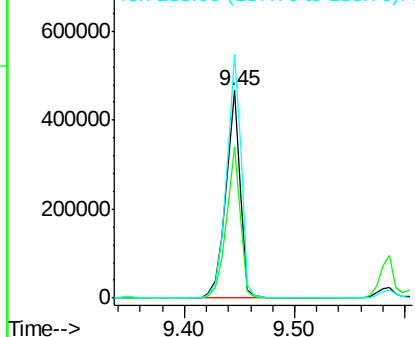


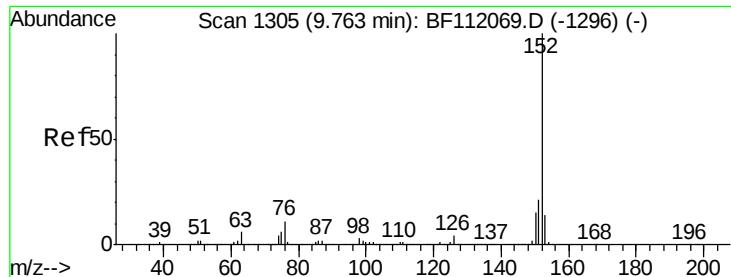
#48
2-Nitroaniline
Concen: 39.858 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion: 65 Resp: 427232
Ion Ratio Lower Upper
65 100
92 73.2 60.4 90.6
138 117.5 104.4 156.6



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: 47.531 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

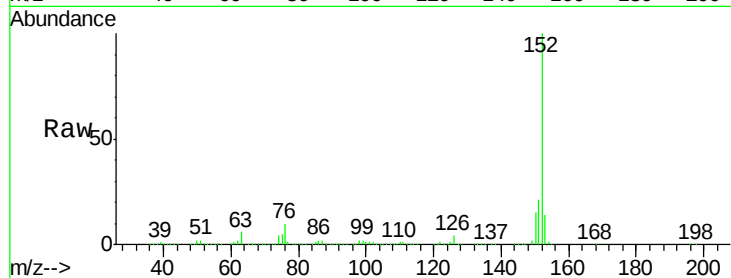
Tgt Ion:152 Resp: 2463702

Ion Ratio Lower Upper

152 100

151 21.5 17.0 25.6

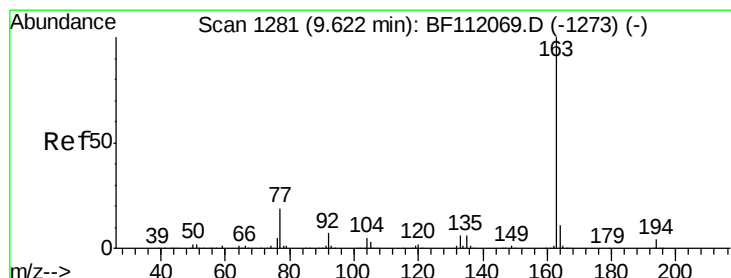
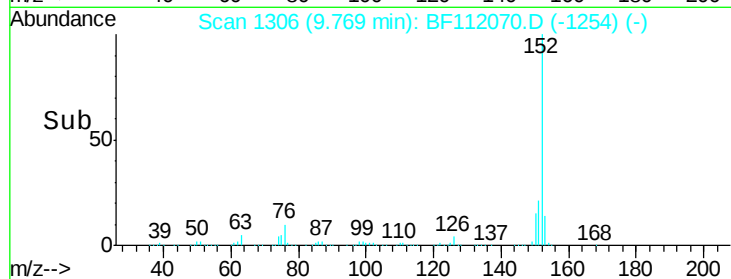
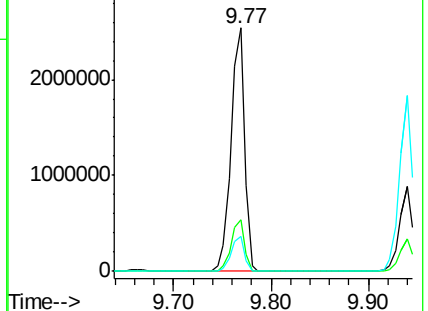
153 14.2 11.2 16.8



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: 47.739 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

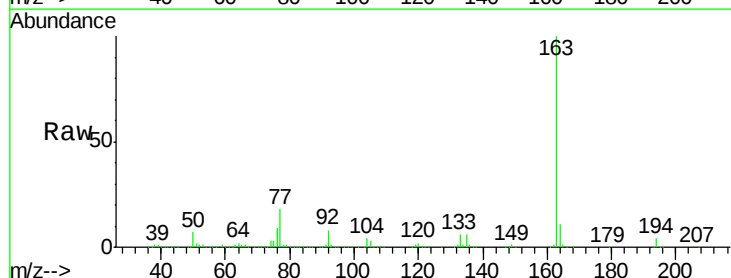
Tgt Ion:163 Resp: 1915155

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

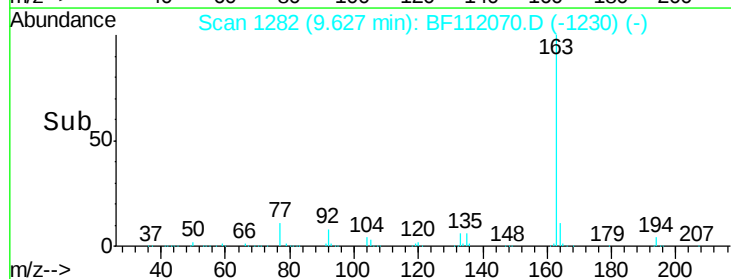
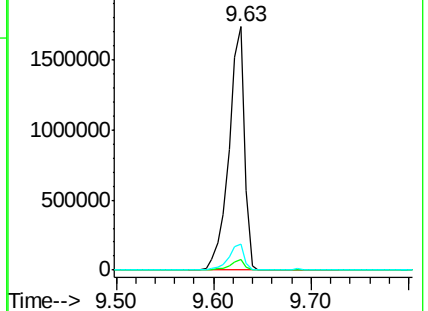
164 10.5 8.5 12.7

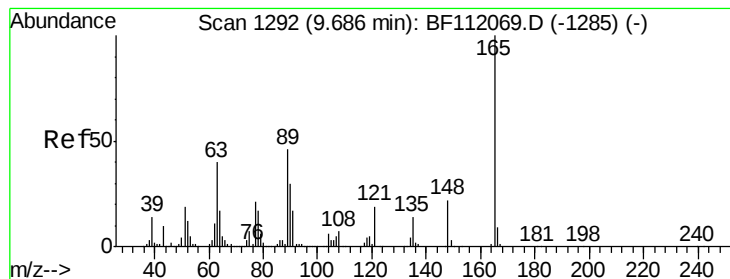


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.786 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

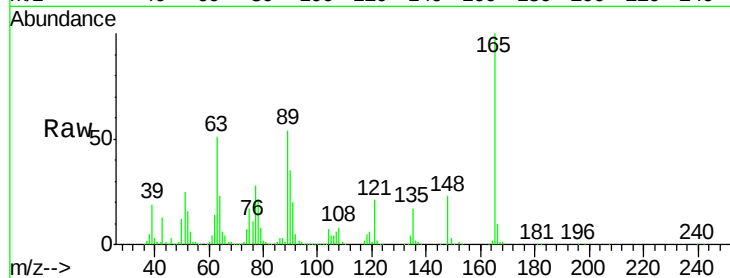
Tgt Ion:165 Resp: 419721

Ion Ratio Lower Upper

165 100

63 50.7 33.8 50.8

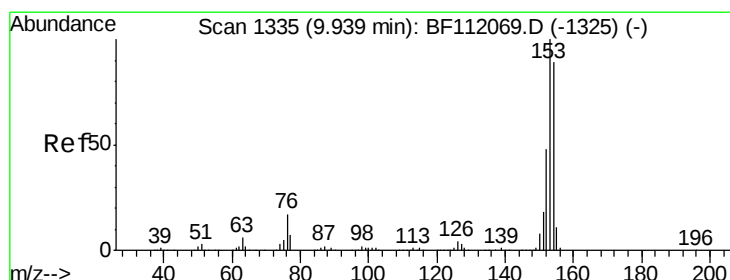
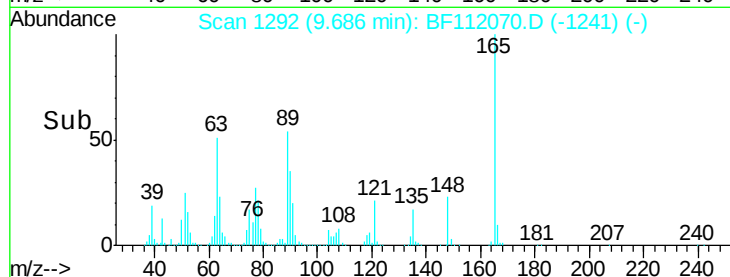
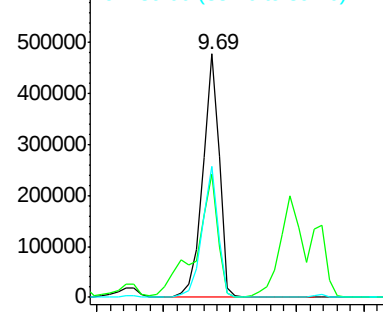
89 53.6 36.9 55.3



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: 44.688 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

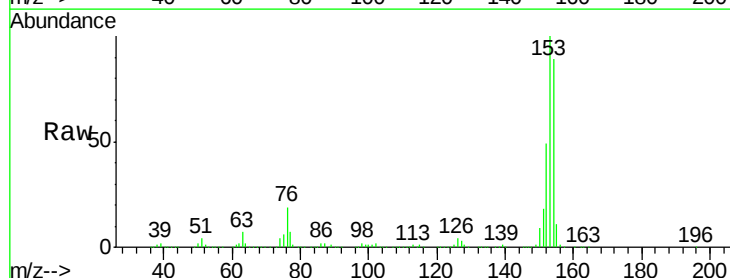
Tgt Ion:154 Resp: 1493281

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

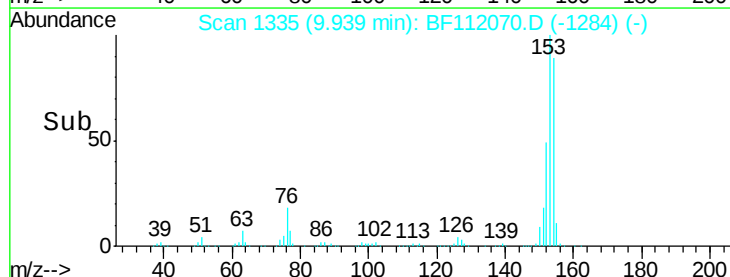
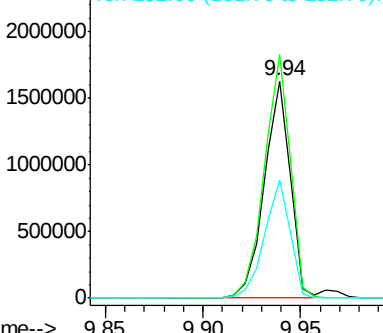
152 54.6 43.5 65.3

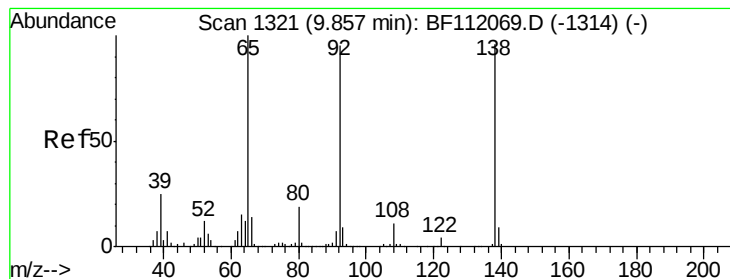


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 48.115 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

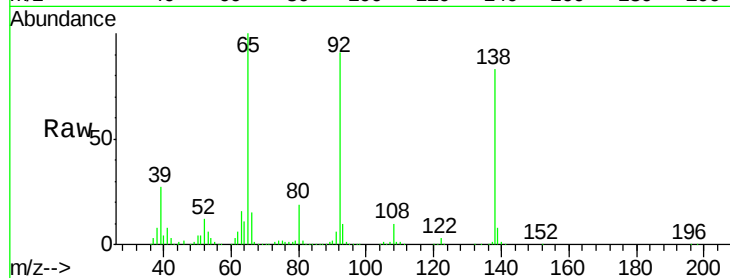
Tgt Ion:138 Resp: 462243

Ion Ratio Lower Upper

138 100

108 11.8 9.8 14.6

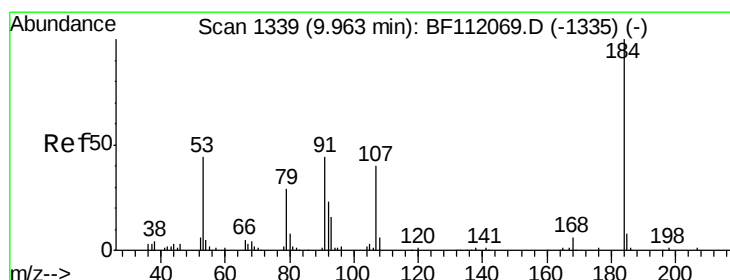
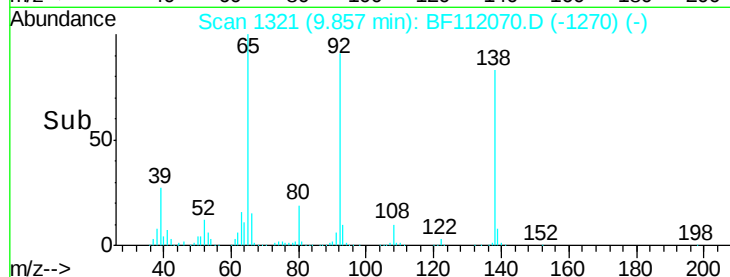
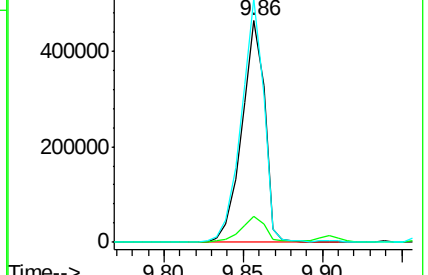
92 110.0 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 25.661 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

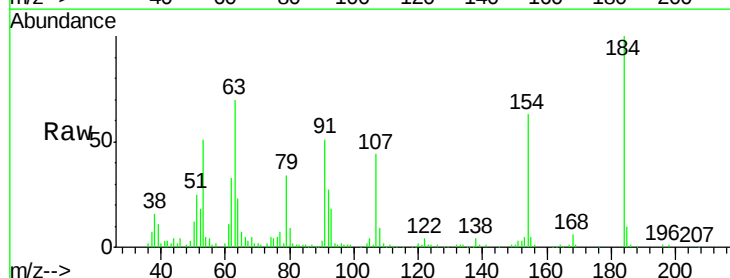
Tgt Ion:184 Resp: 97478

Ion Ratio Lower Upper

184 100

63 70.1 47.1 70.7

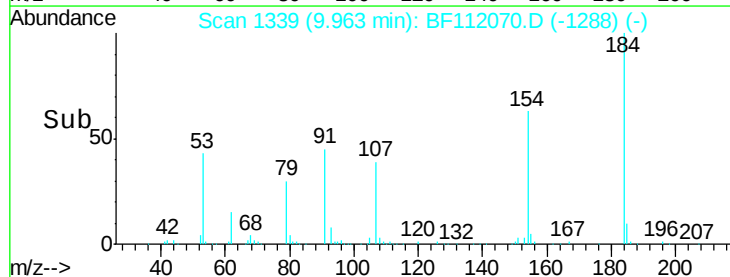
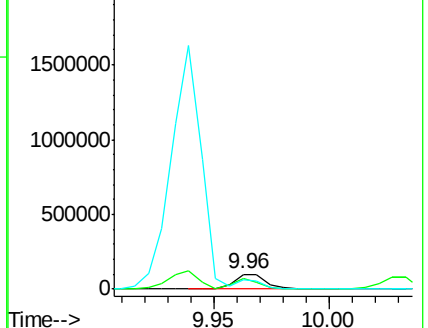
154 63.5 48.9 73.3

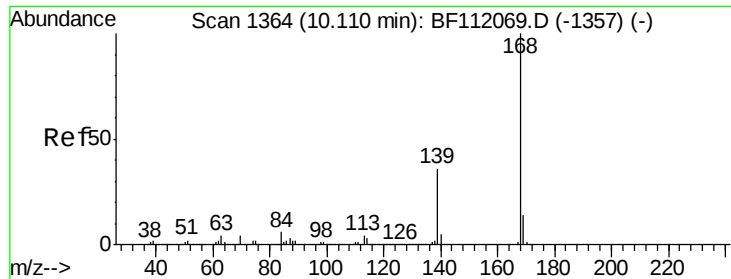


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

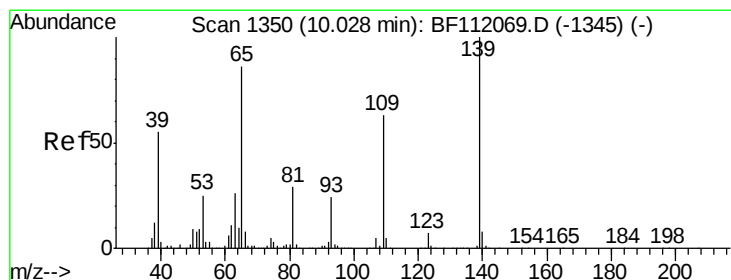
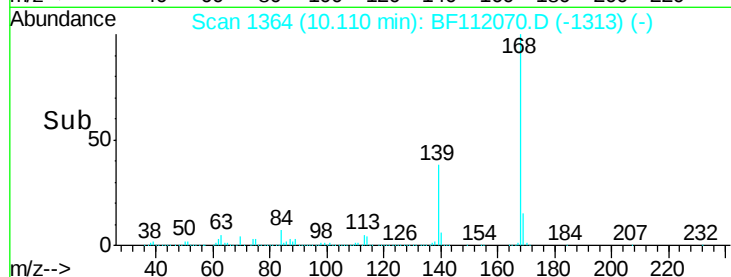
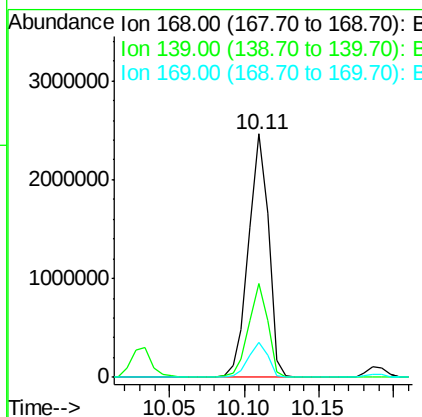
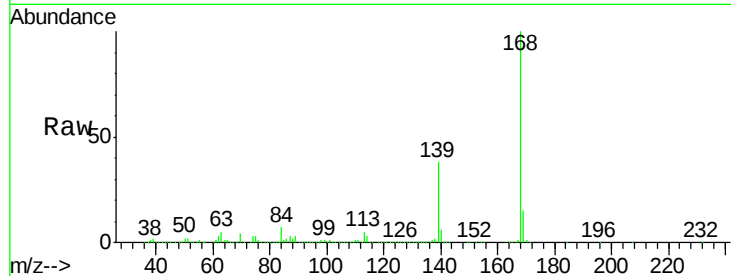




#55
Dibenzenofuran
Concen: 47.077 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

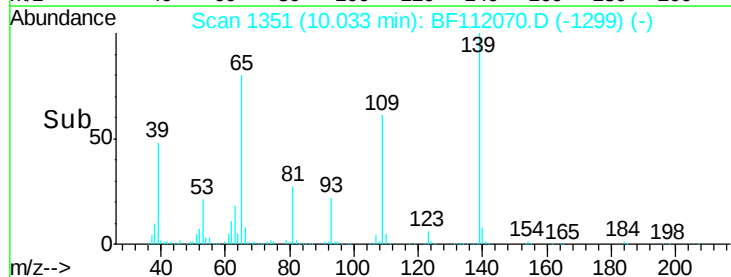
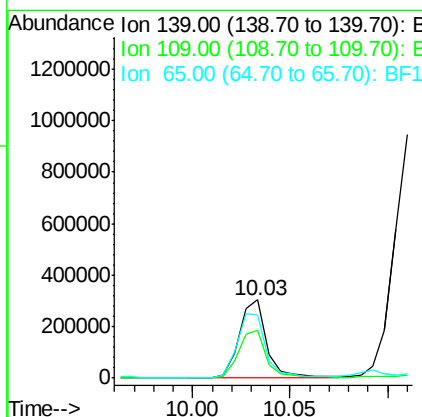
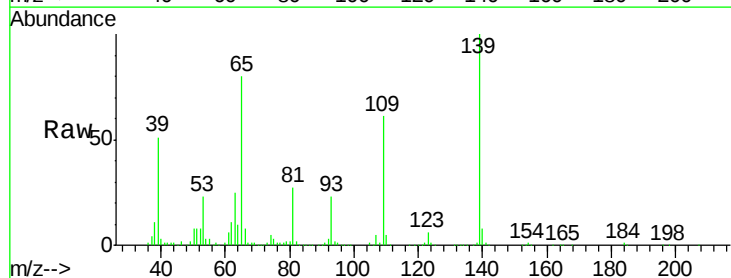
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

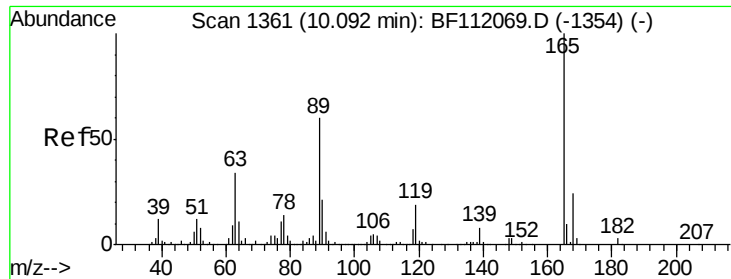
Tgt Ion:168 Resp: 2287795
Ion Ratio Lower Upper
168 100
139 38.4 29.2 43.8
169 14.6 11.4 17.0



#56
4-Nitrophenol
Concen: 44.056 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:139 Resp: 299061
Ion Ratio Lower Upper
139 100
109 60.7 42.8 82.8
65 80.1 66.1 106.1

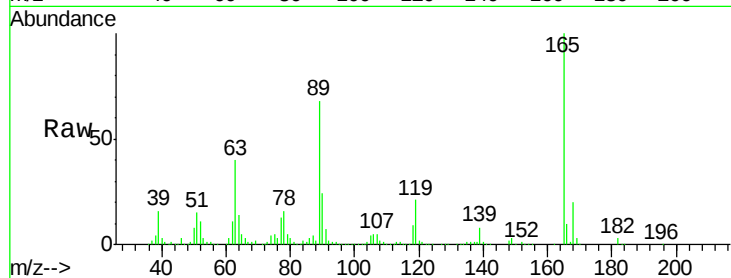




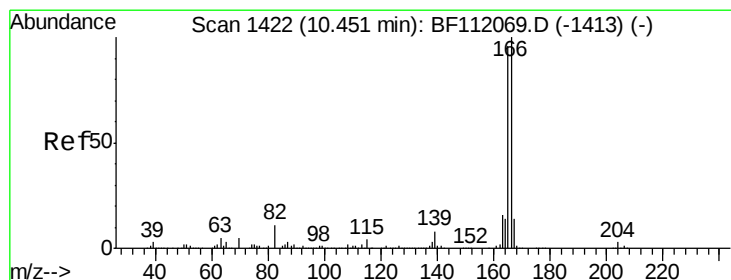
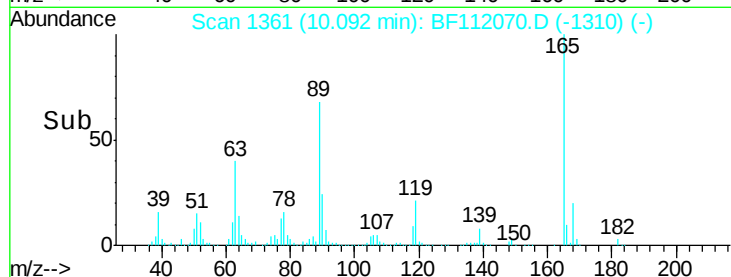
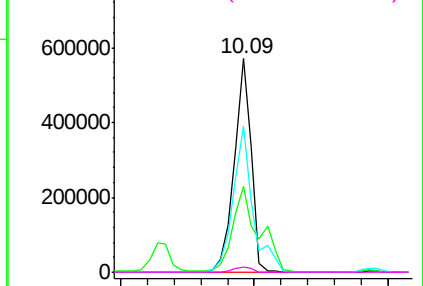
#57
2,4-Dinitrotoluene
Concen: 44.027 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:	165	Resp:	510362
Ion	Ratio	Lower	Upper
165	100		
63	40.3	27.9	41.9
89	68.1	47.9	71.9
182	2.6	2.2	3.4

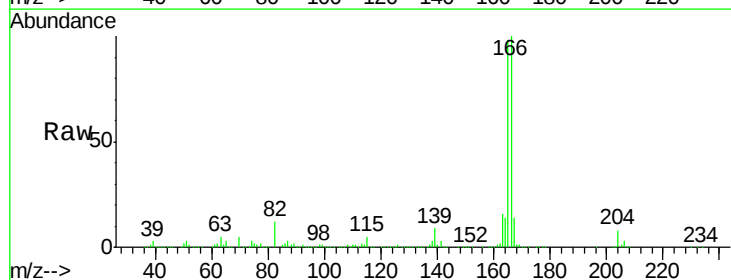


Abundance Ion 165.00 (164.70 to 165.70): E

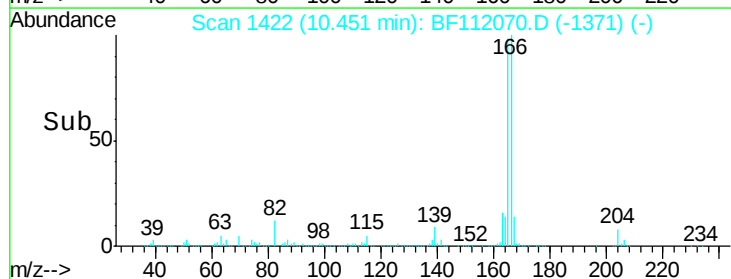
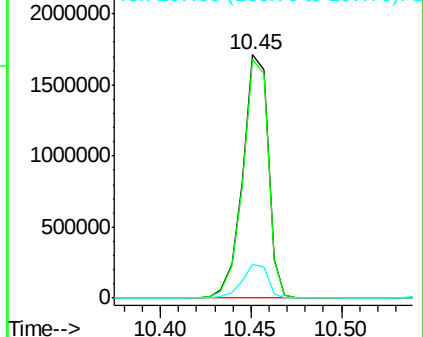


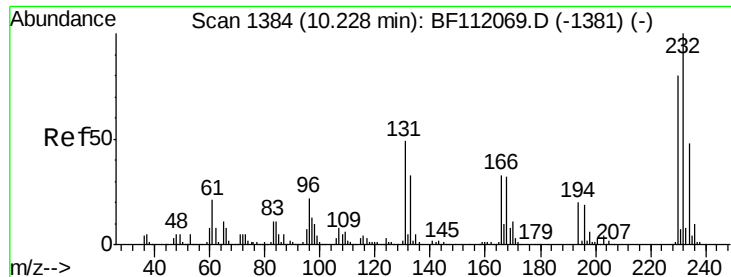
#58
Fluorene
Concen: 47.282 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:	166	Resp:	1671946
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.1	115.7
167	14.0	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E

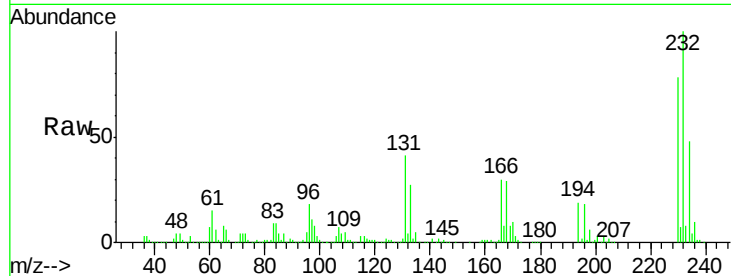




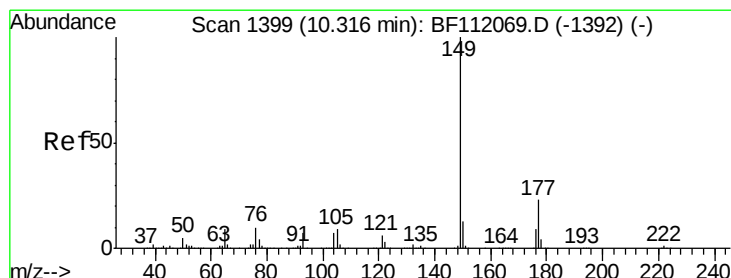
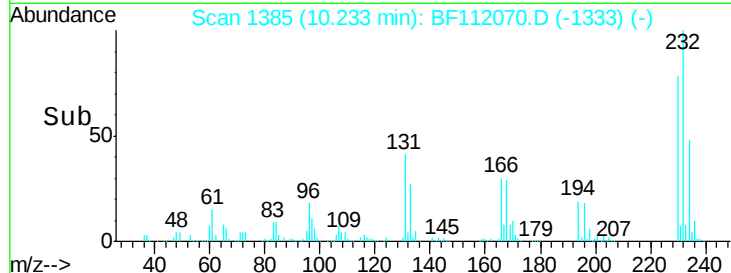
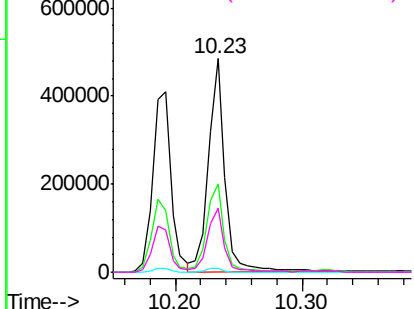
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.142 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 232 Resp: 439781
 Ion Ratio Lower Upper
 232 100
 131 44.1 33.9 50.9
 130 2.2 1.8 2.6
 166 29.9 23.6 35.4

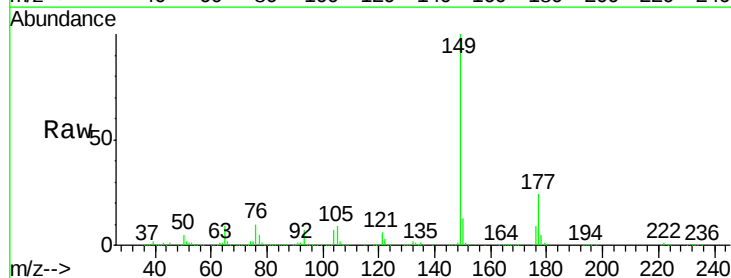


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

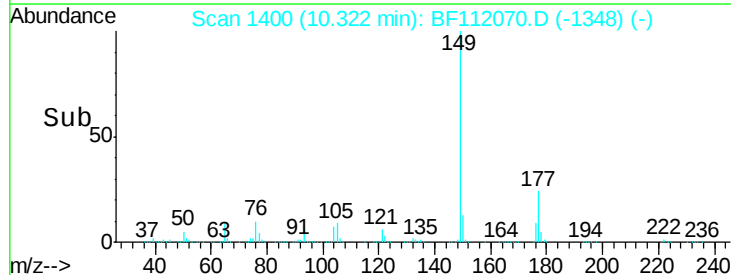
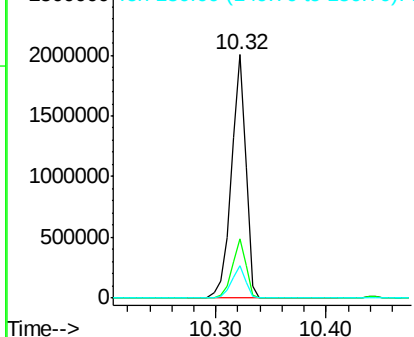


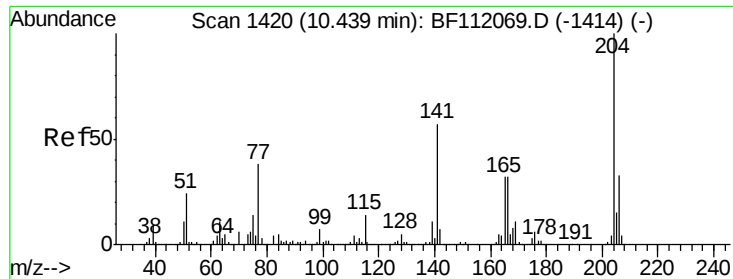
#60
 Diethylphthalate
 Concen: 47.498 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion: 149 Resp: 1844018
 Ion Ratio Lower Upper
 149 100
 177 24.2 18.2 27.2
 150 13.3 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

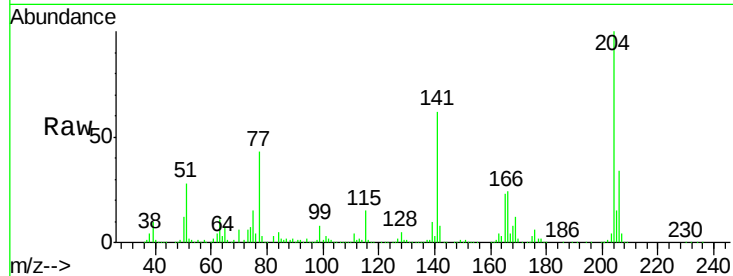




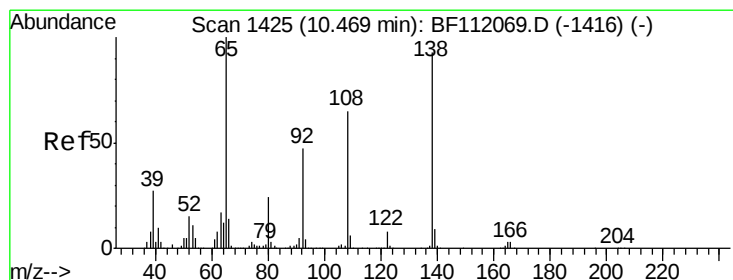
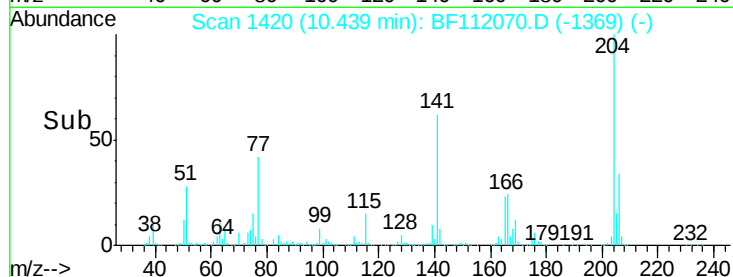
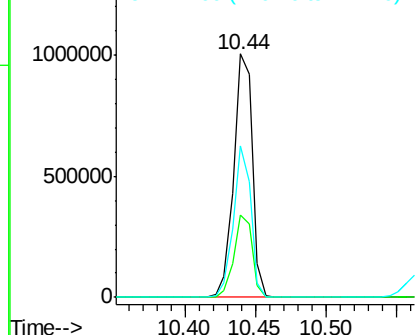
#61
4-Chlorophenyl-phenylether
Concen: 46.421 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:204 Resp: 920505
Ion Ratio Lower Upper
204 100
206 33.7 26.5 39.7
141 62.1 45.9 68.9

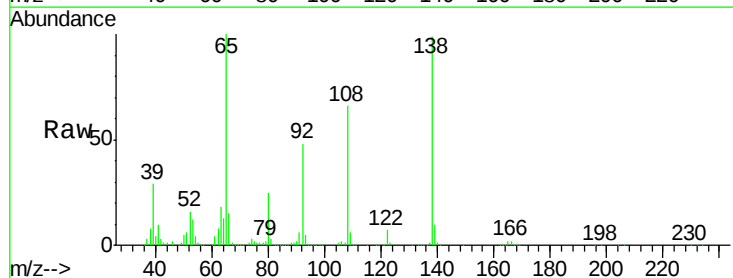


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

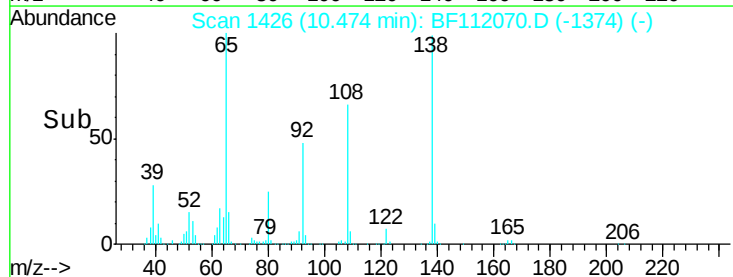
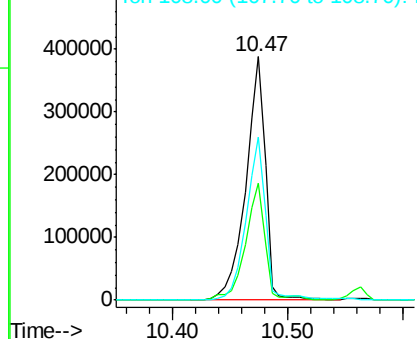


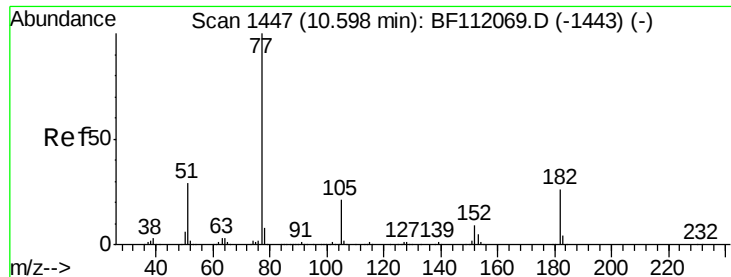
#62
4-Nitroaniline
Concen: 49.876 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:138 Resp: 454490
Ion Ratio Lower Upper
138 100
92 48.2 30.6 70.6
108 67.2 50.0 90.0



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





#63

Azobenzene

Concen: 48.007 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 1780471

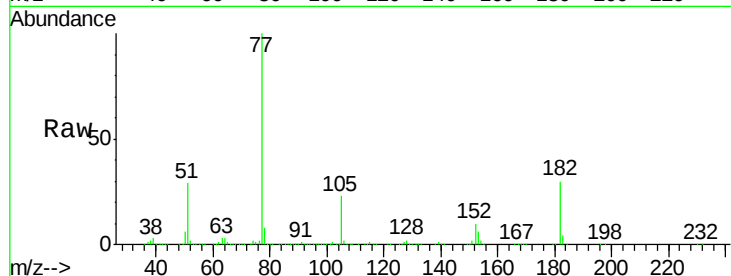
Ion Ratio Lower Upper

77 100

182 29.5 5.7 45.7

105 22.8 1.4 41.4

51 29.5 9.5 49.5

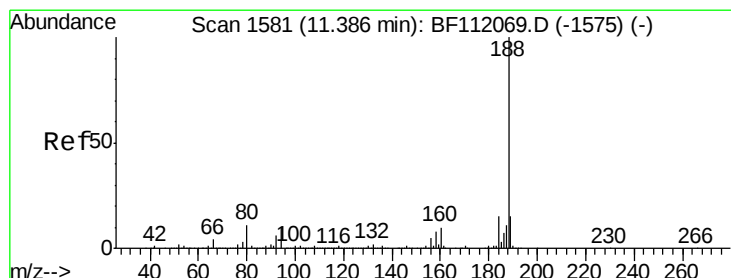
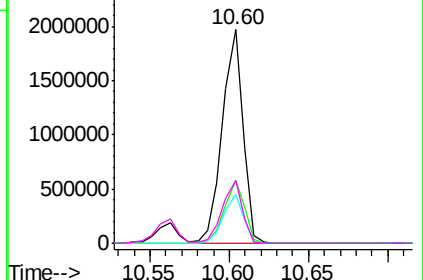
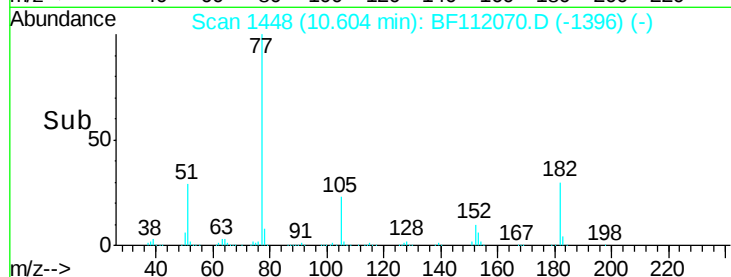


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

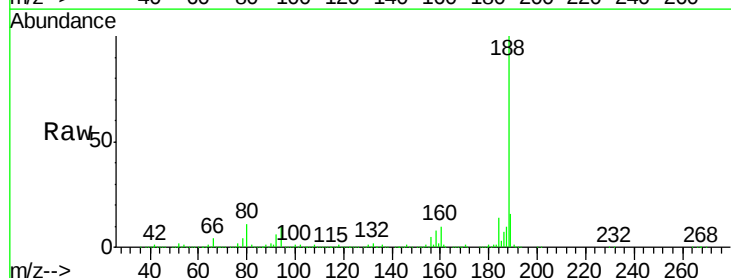
Tgt Ion: 188 Resp: 1021688

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

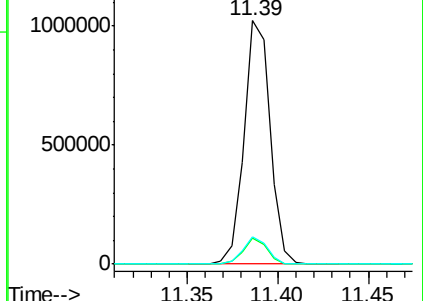
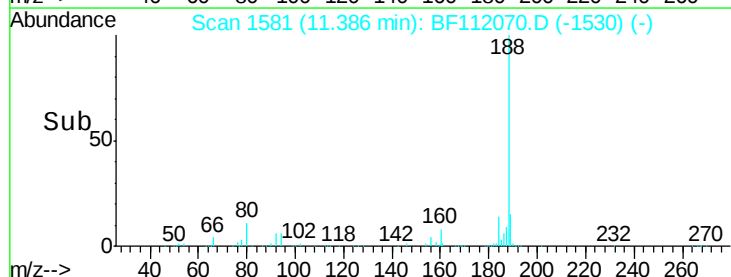
80 11.3 8.9 13.3

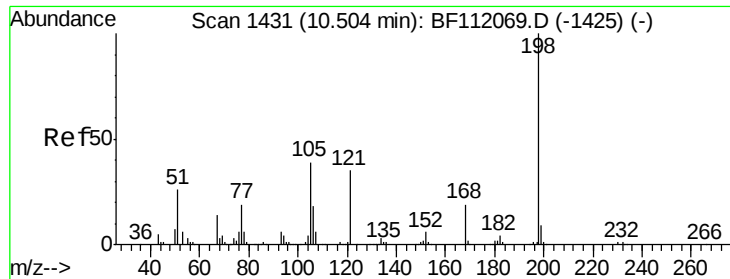


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.936 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

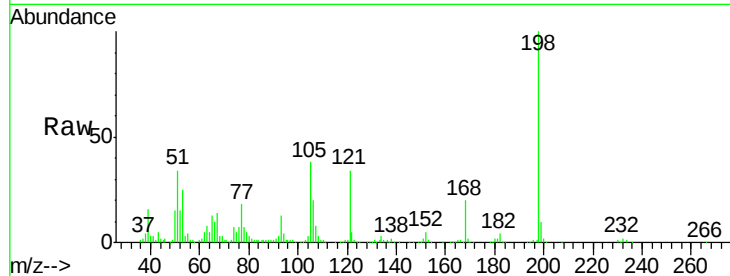
Tgt Ion:198 Resp: 213938

Ion Ratio Lower Upper

198 100

51 33.6 17.2 57.2

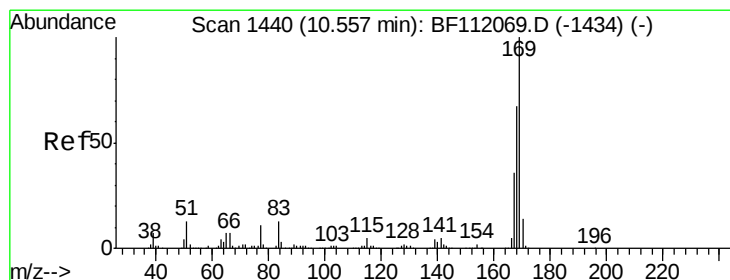
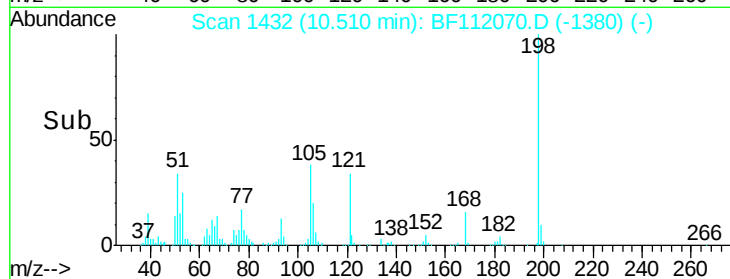
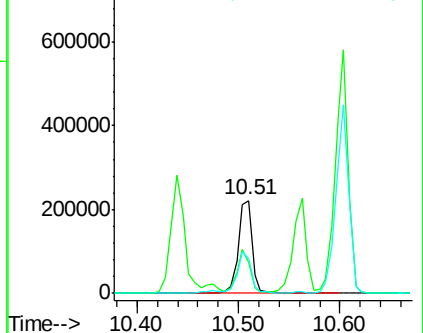
105 38.1 21.9 61.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.739 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

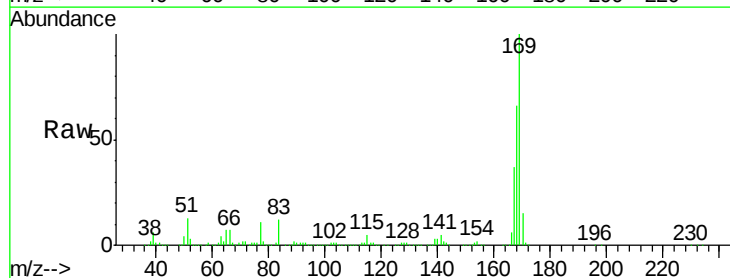
Tgt Ion:169 Resp: 1636756

Ion Ratio Lower Upper

169 100

168 66.2 53.9 80.9

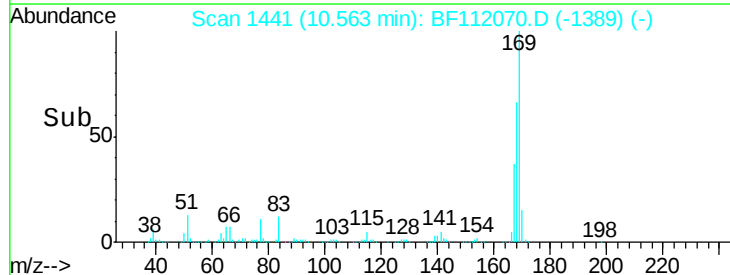
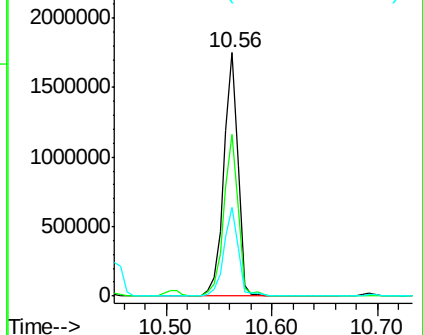
167 36.7 28.9 43.3

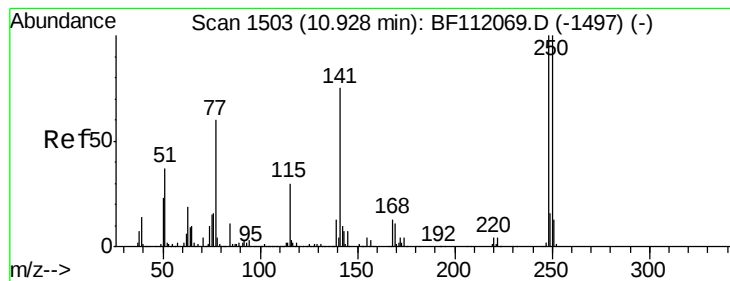


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.601 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

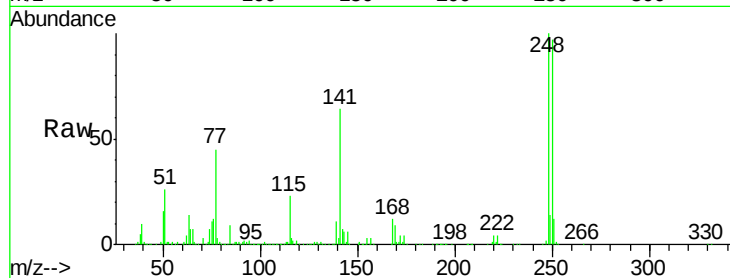
Tgt Ion:248 Resp: 590217

Ion Ratio Lower Upper

248 100

250 97.0 79.7 119.5

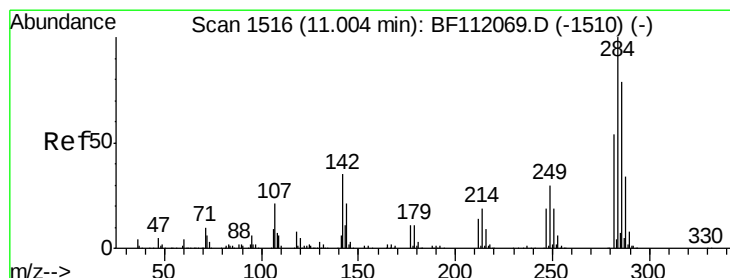
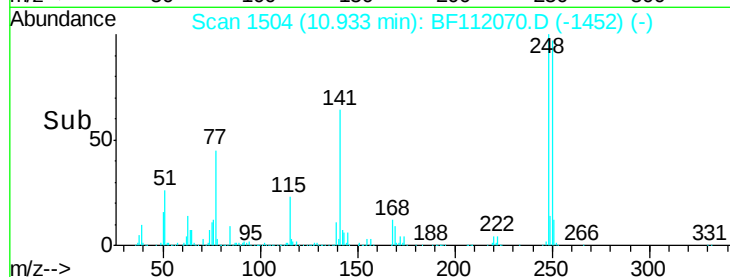
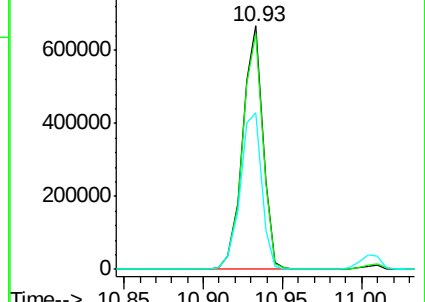
141 64.3 60.3 90.5



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.974 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

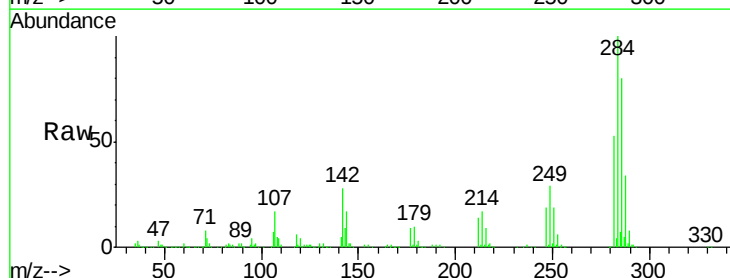
Tgt Ion:284 Resp: 630245

Ion Ratio Lower Upper

284 100

142 28.4 27.6 41.4

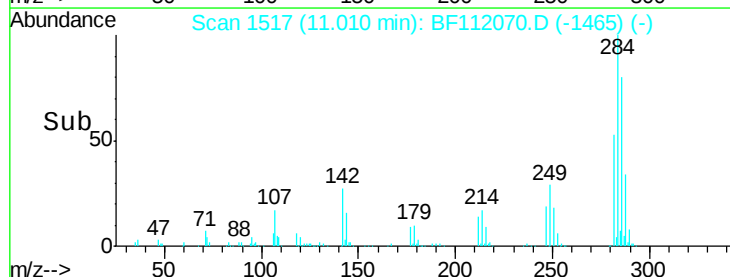
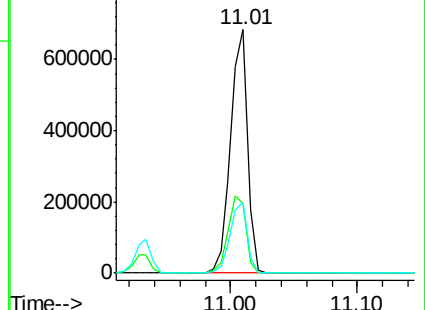
249 29.3 24.1 36.1

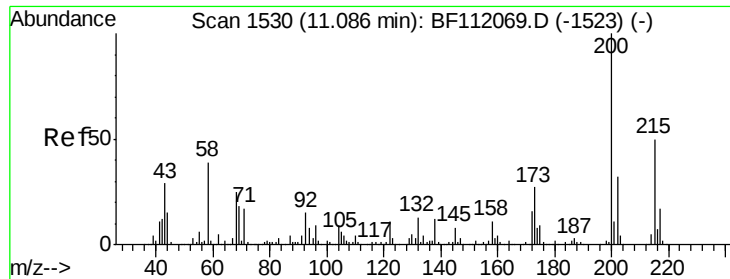


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.095 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

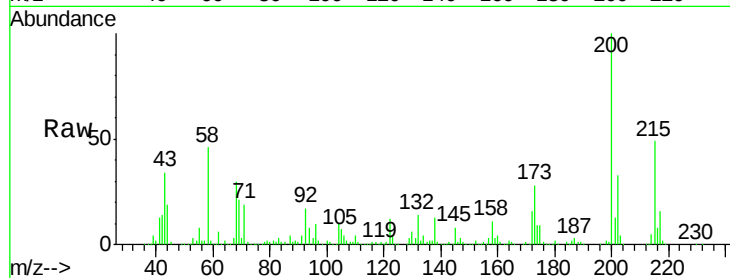
Tgt Ion:200 Resp: 531169

Ion Ratio Lower Upper

200 100

173 28.1 7.1 47.1

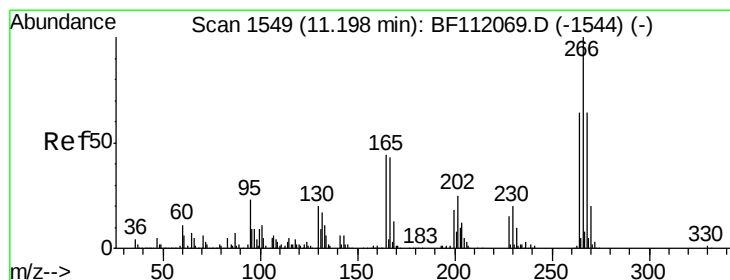
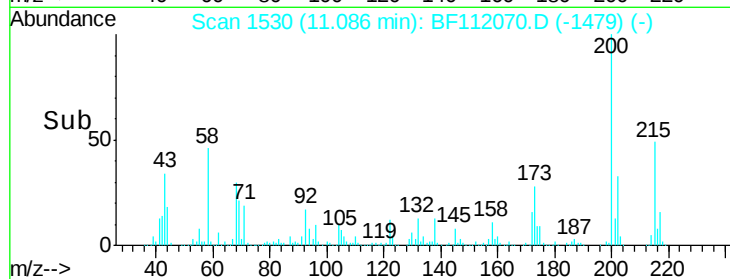
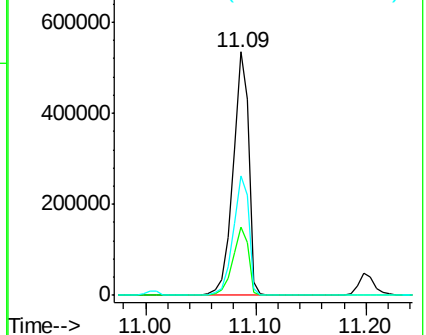
215 49.0 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.458 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

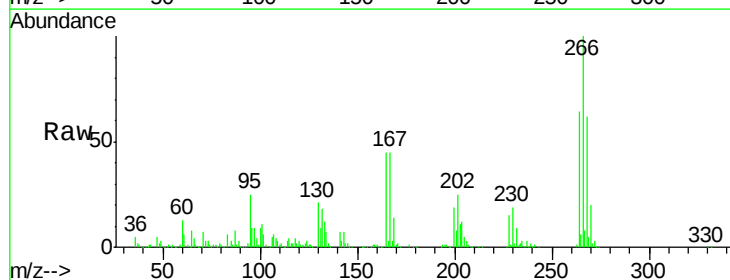
Tgt Ion:266 Resp: 295914

Ion Ratio Lower Upper

266 100

268 62.5 51.2 76.8

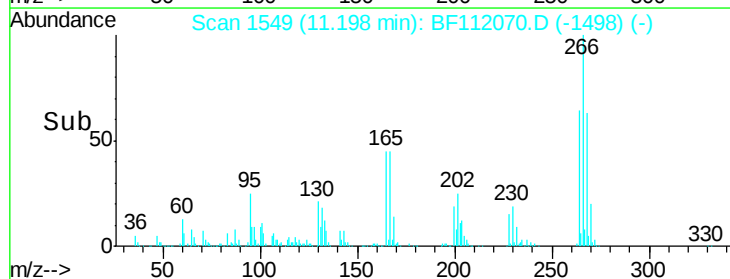
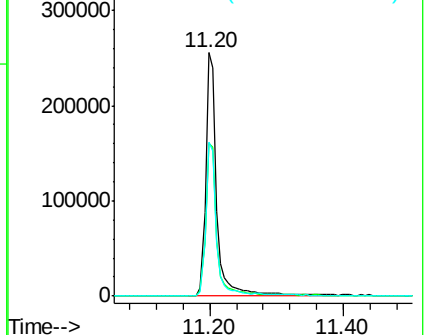
264 63.5 50.9 76.3

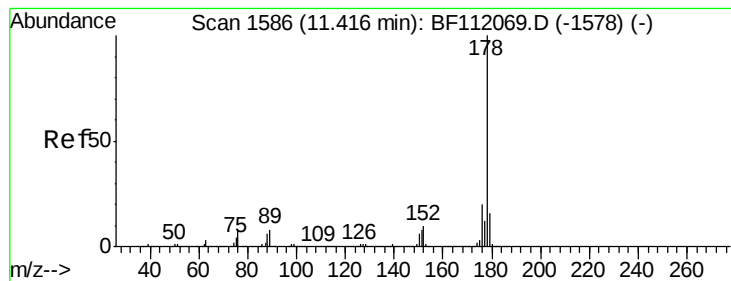


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.714 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

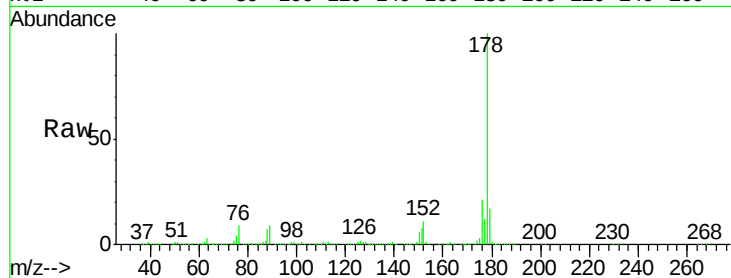
Tgt Ion:178 Resp: 2442483

Ion Ratio Lower Upper

178 100

176 21.0 16.3 24.5

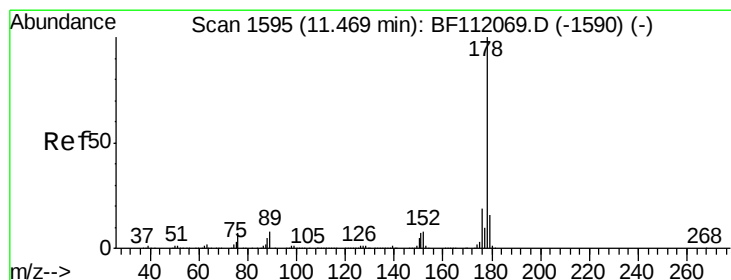
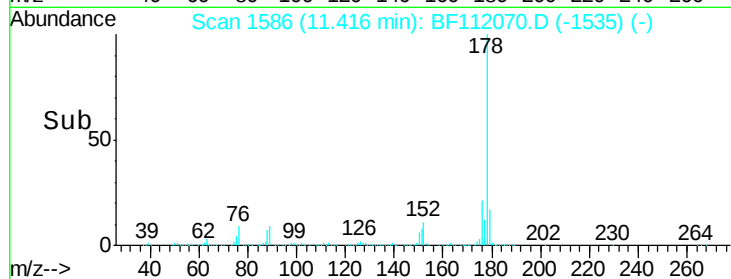
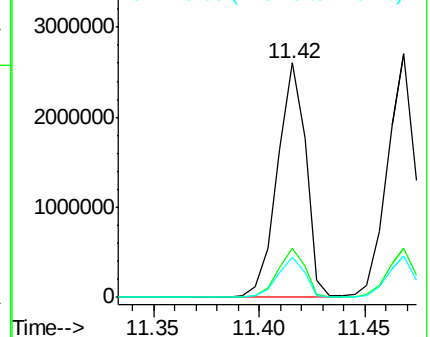
179 17.0 13.0 19.4



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: 44.340 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

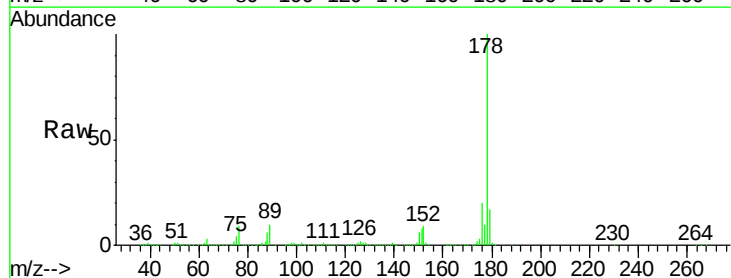
Tgt Ion:178 Resp: 2458717

Ion Ratio Lower Upper

178 100

176 20.2 15.5 23.3

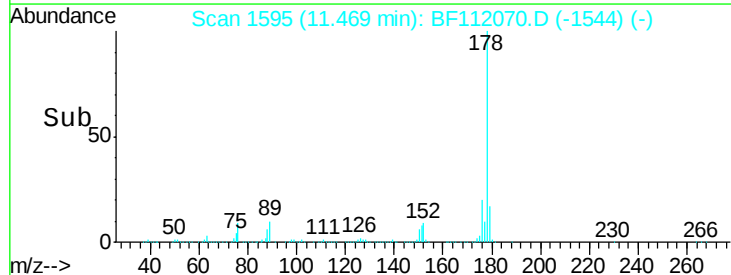
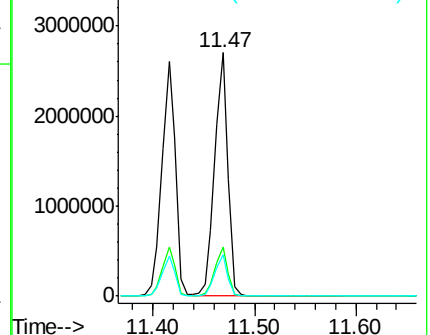
179 17.0 12.8 19.2

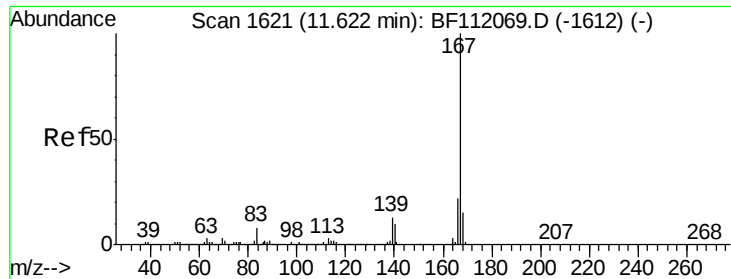


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

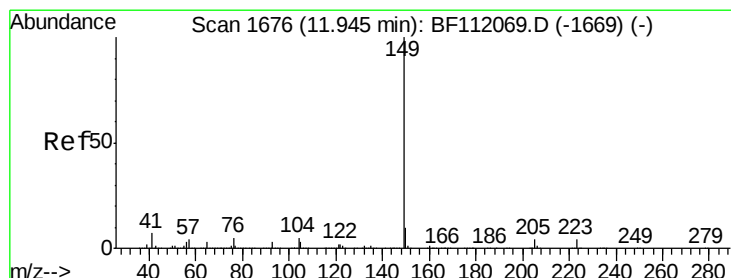
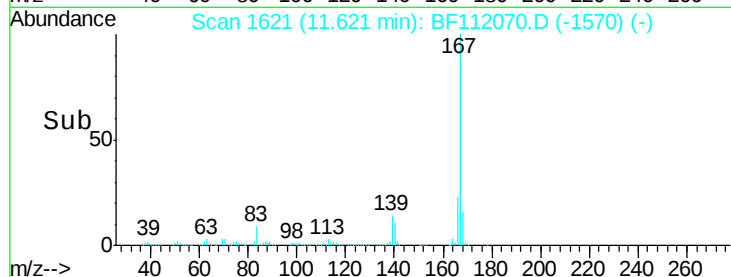
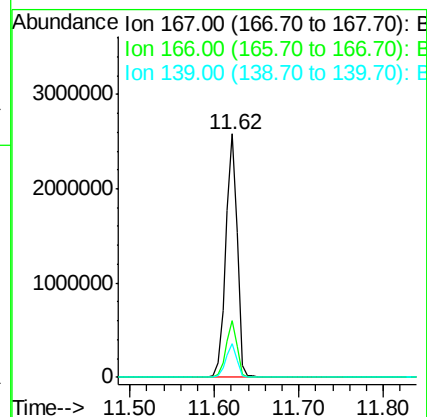
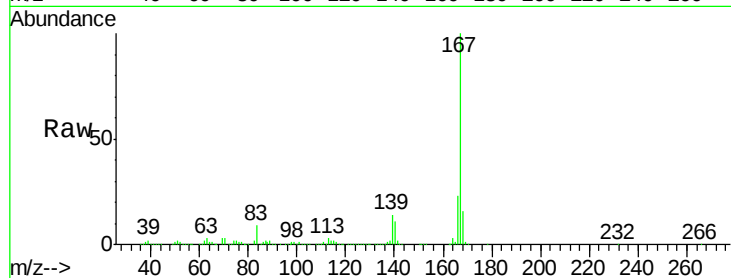




#73
 Carbazole
 Concen: 45.760 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

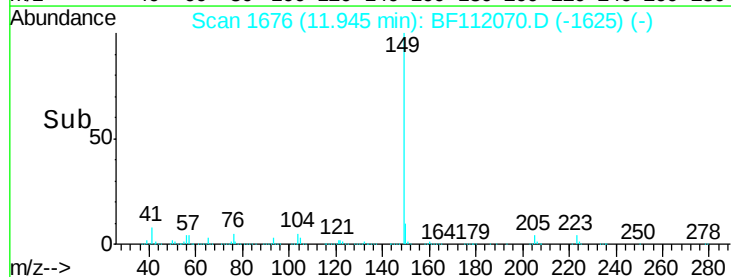
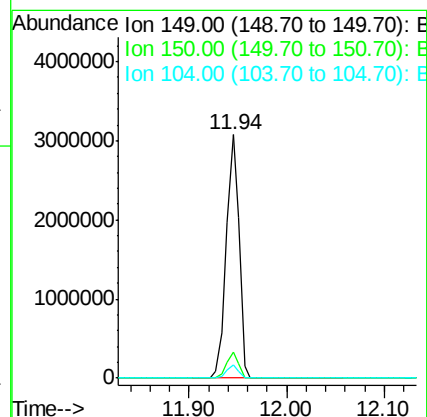
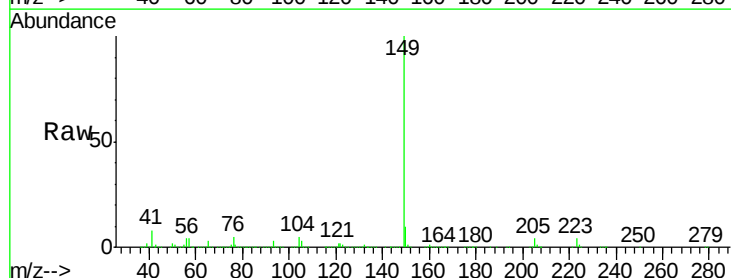
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

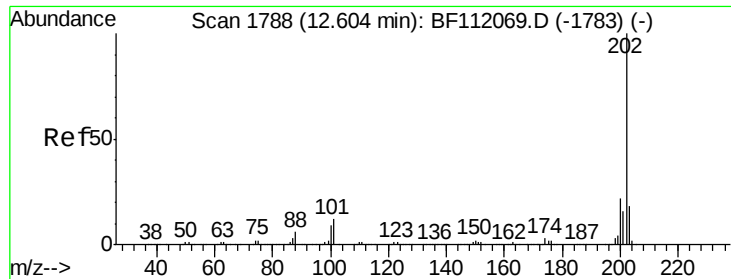
Tgt Ion:167 Resp: 2468214
 Ion Ratio Lower Upper
 167 100
 166 23.2 17.9 26.9
 139 14.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 44.671 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BF112070.D
 Acq: 16 Jan 2019 16:41

Tgt Ion:149 Resp: 2798772
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.1 12.1
 104 5.3 3.9 5.9





#75

Fluoranthene

Concen: 45.576 ng

RT: 12.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

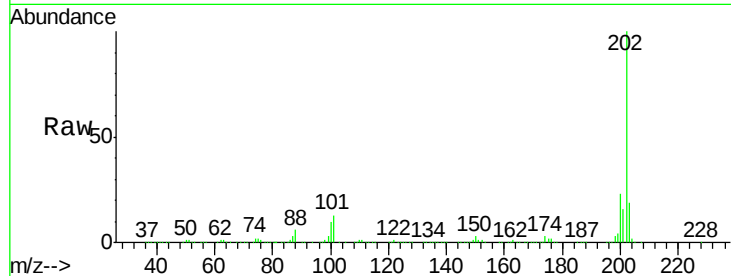
Tgt Ion:202 Resp: 2555764

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.8

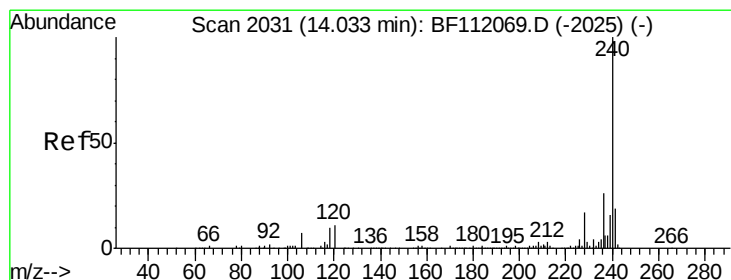
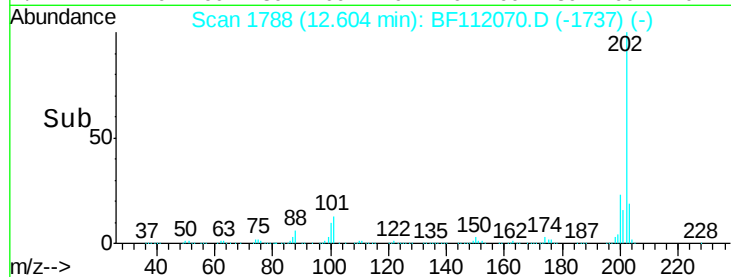
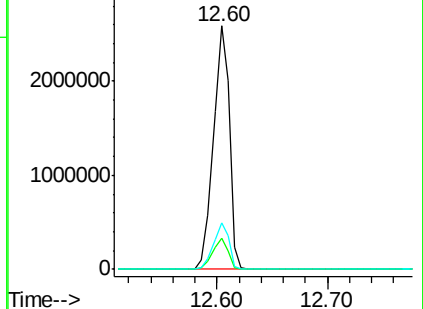
203 19.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

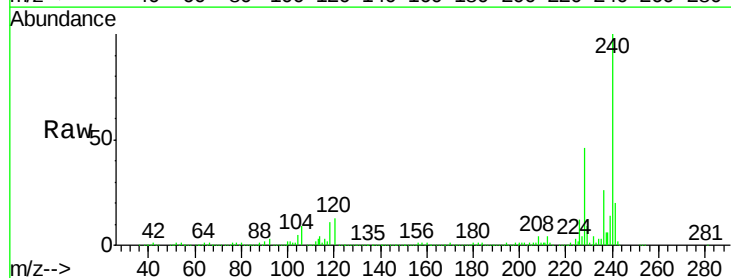
Tgt Ion:240 Resp: 823343

Ion Ratio Lower Upper

240 100

120 12.8 9.0 13.6

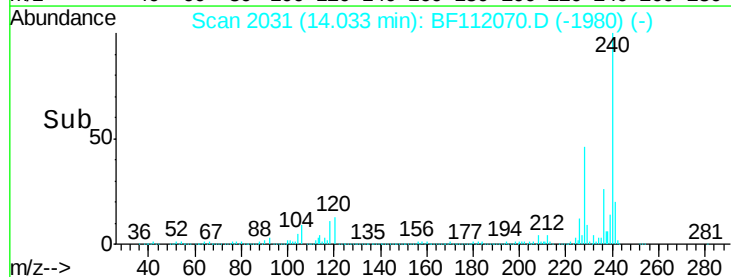
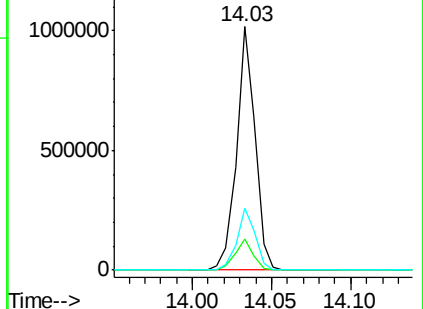
236 25.5 20.7 31.1

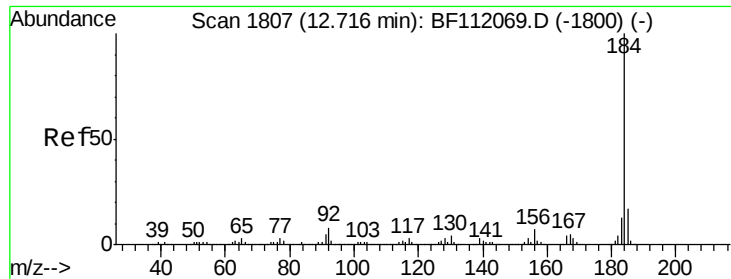


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.595 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

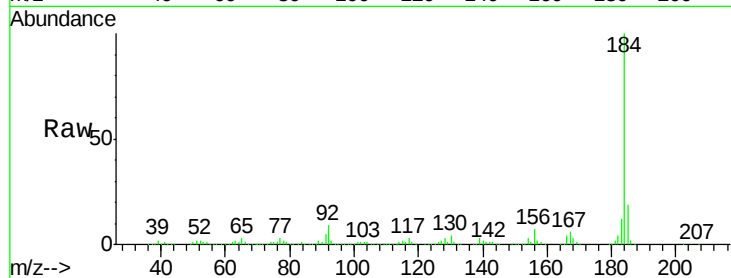
Tgt Ion:184 Resp: 1121724

Ion Ratio Lower Upper

184 100

185 18.6 13.9 20.9

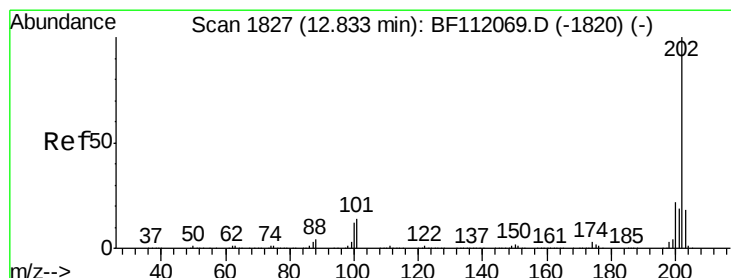
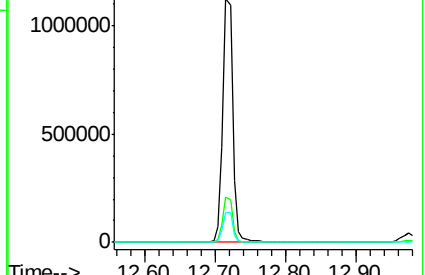
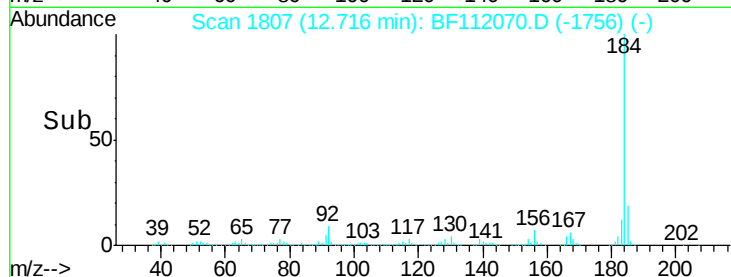
183 12.2 10.0 15.0



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: 46.575 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

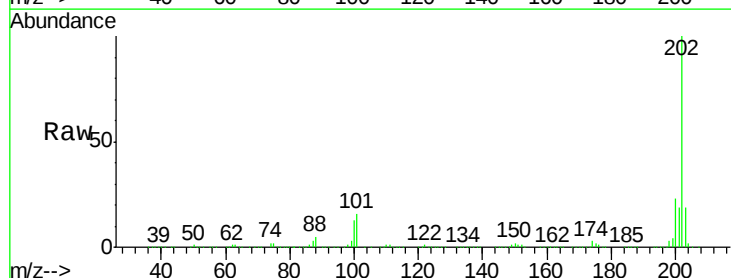
Tgt Ion:202 Resp: 2638505

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

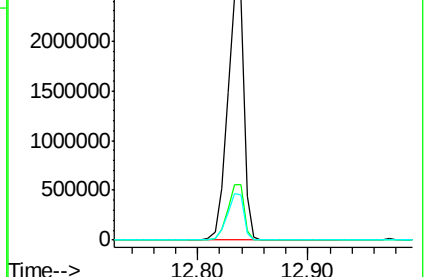
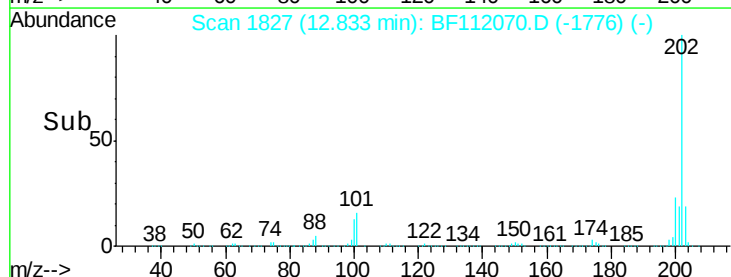
203 18.9 14.6 22.0

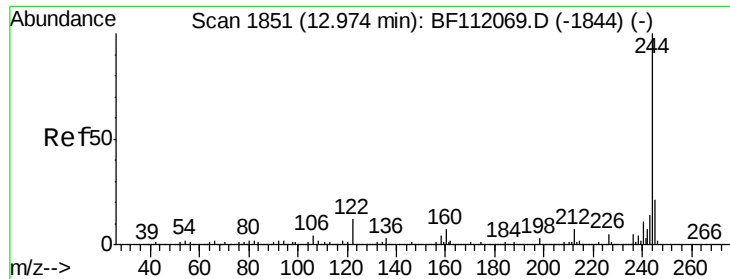


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.263 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

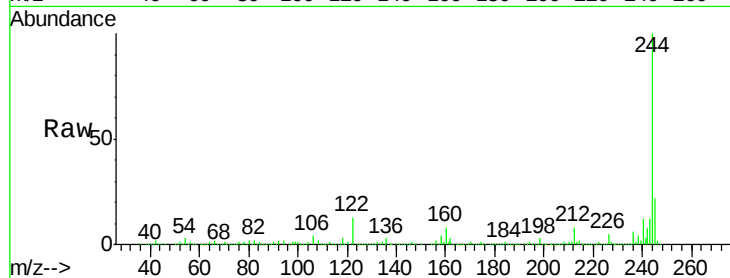
Tgt Ion:244 Resp: 3568099

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

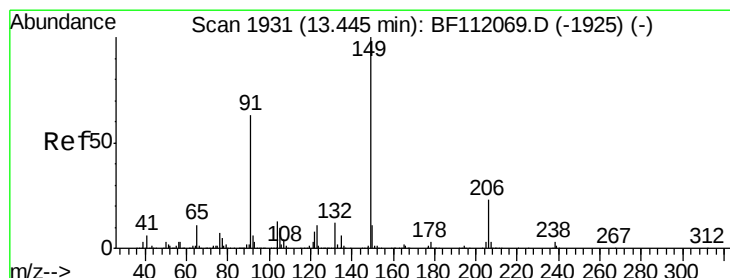
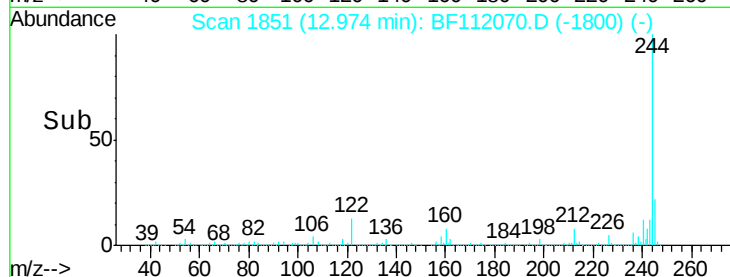
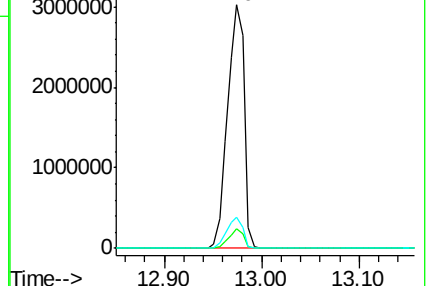
122 12.9 9.8 14.6



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: 50.648 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

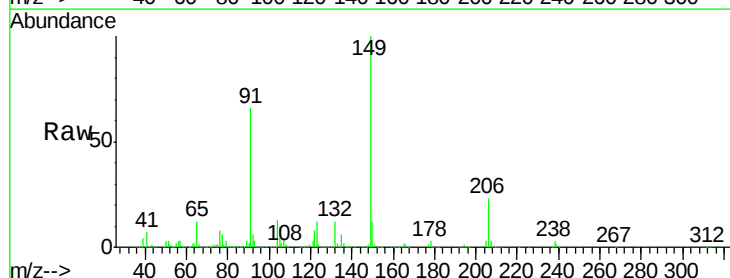
Tgt Ion:149 Resp: 1213044

Ion Ratio Lower Upper

149 100

91 66.4 50.3 75.5

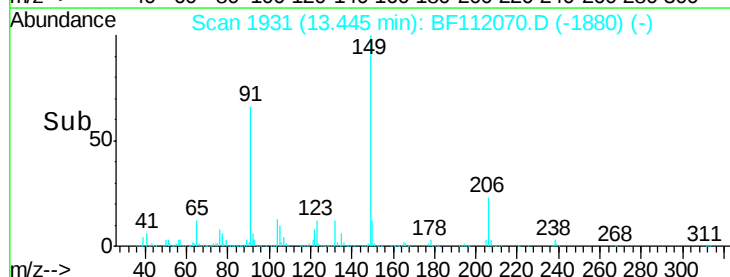
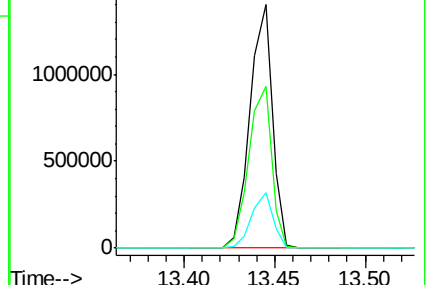
206 22.9 18.2 27.4

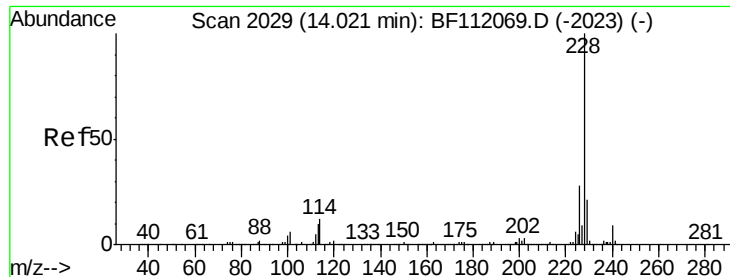


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.146 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

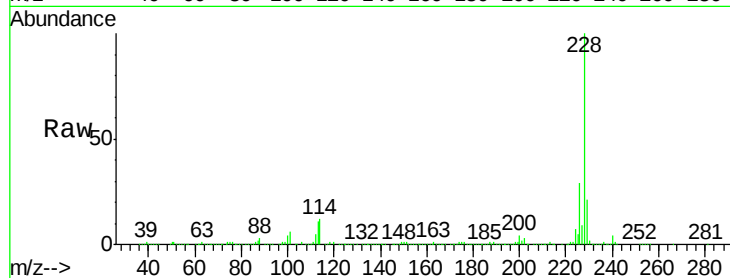
Tgt Ion:228 Resp: 2281371

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

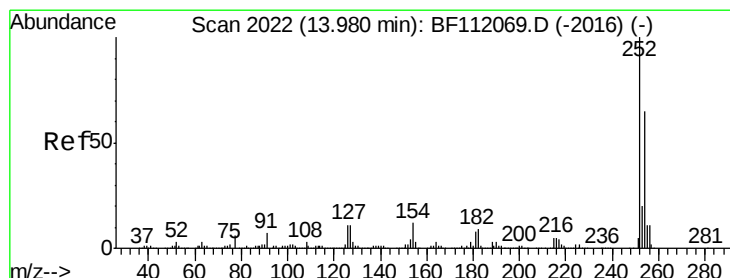
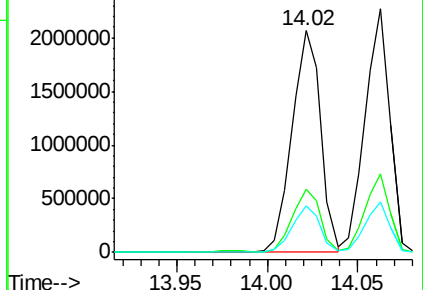
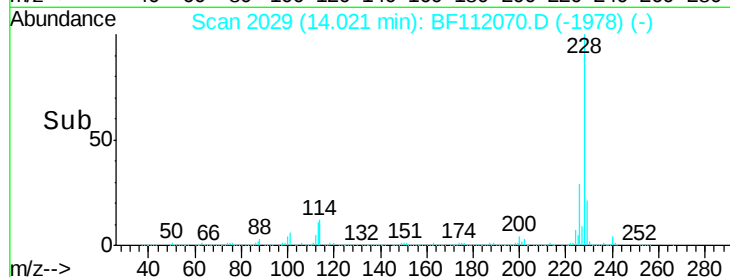
229 21.0 16.5 24.7



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: 48.324 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

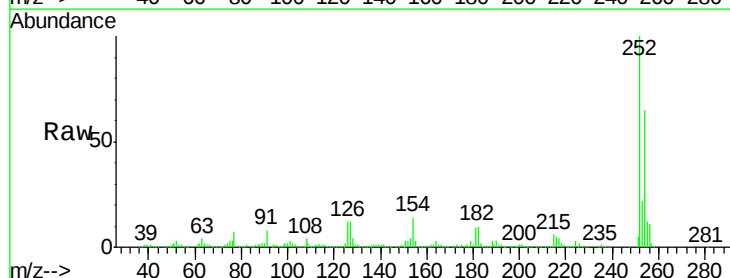
Tgt Ion:252 Resp: 845355

Ion Ratio Lower Upper

252 100

254 65.4 51.6 77.4

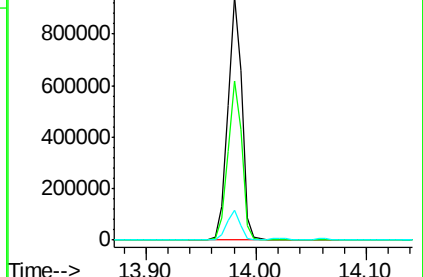
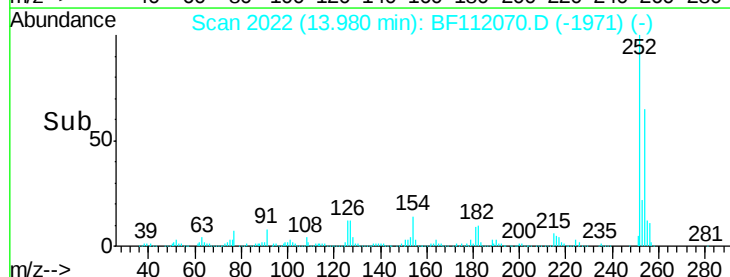
126 12.4 8.6 12.8

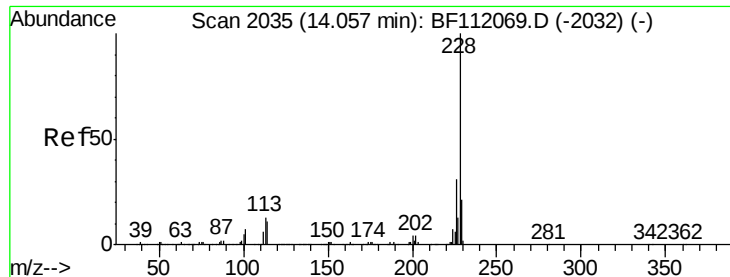


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.942 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

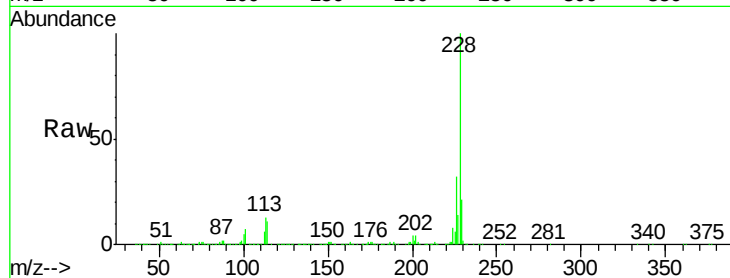
Tgt Ion:228 Resp: 2166029

Ion Ratio Lower Upper

228 100

226 32.2 25.0 37.6

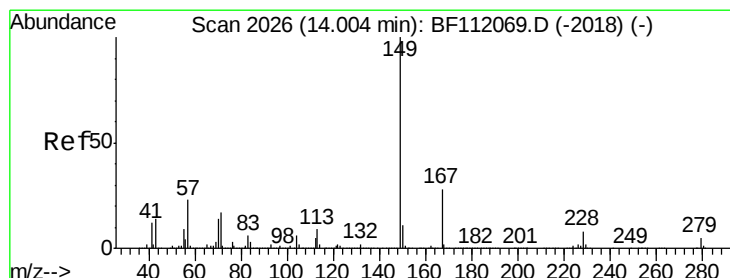
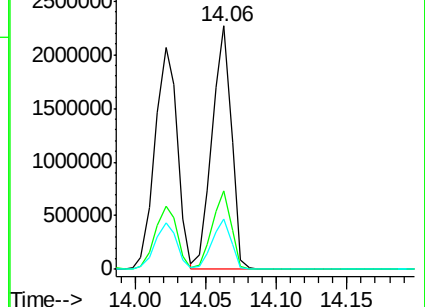
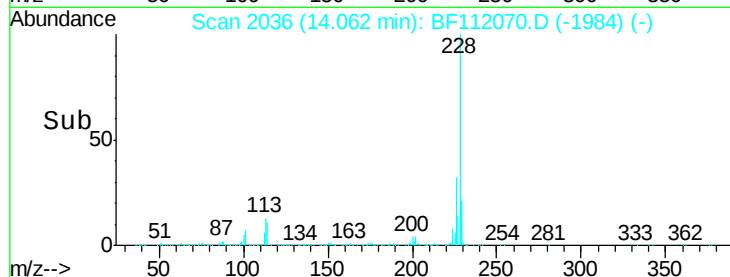
229 20.7 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.966 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

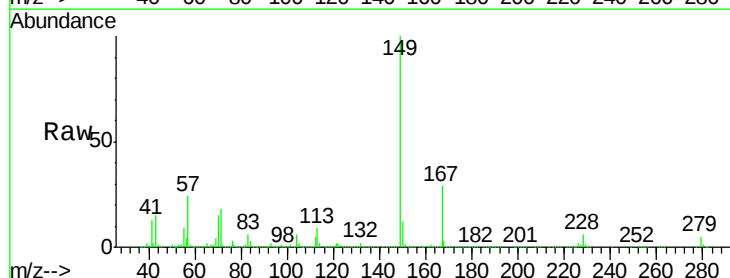
Tgt Ion:149 Resp: 1697413

Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

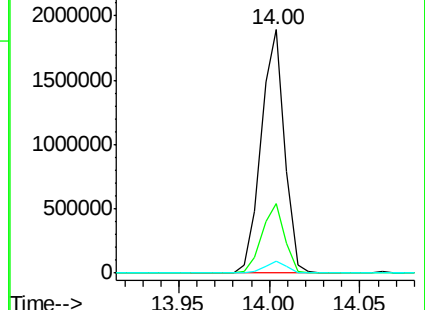
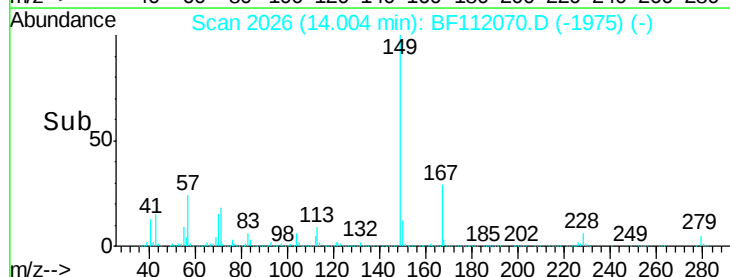
279 4.7 3.8 5.6

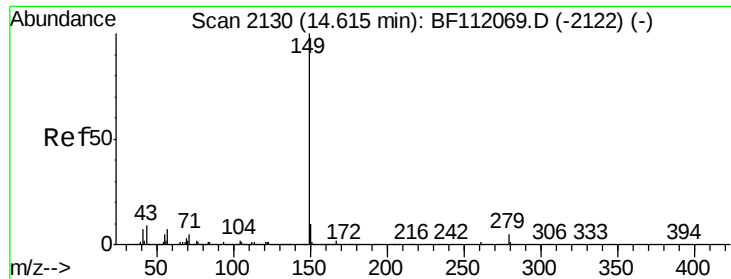


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

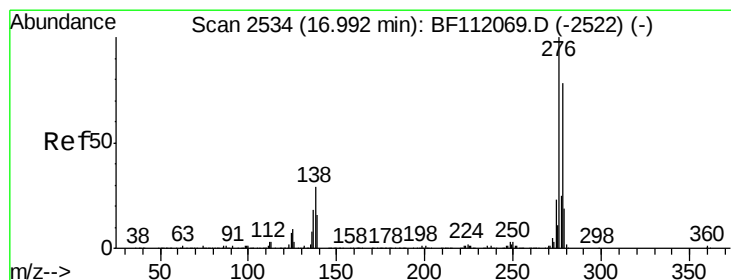
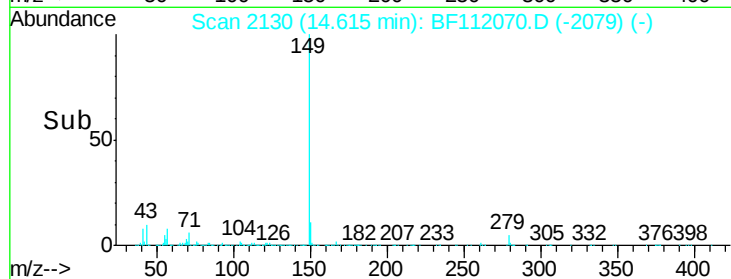
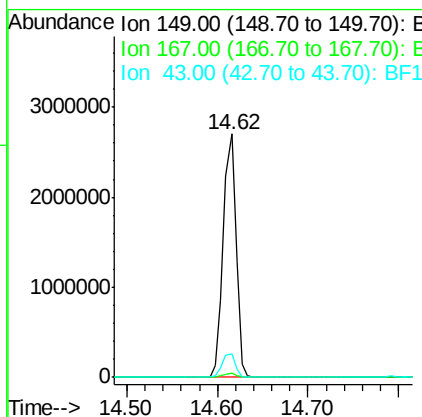
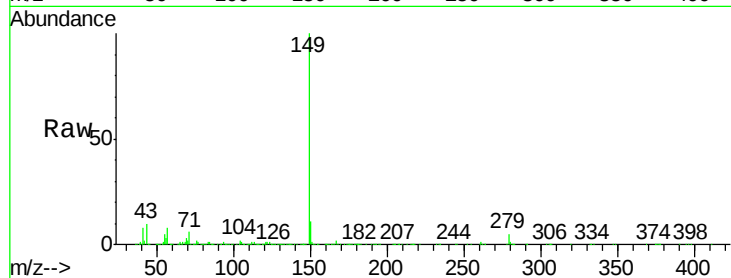




#85
Di-n-octyl phthalate
Concen: 58.052 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

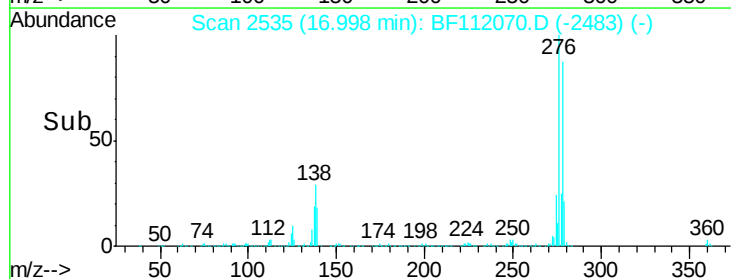
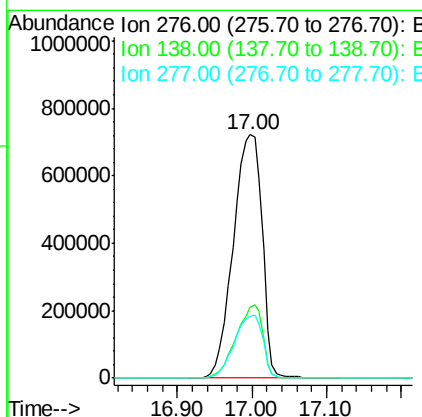
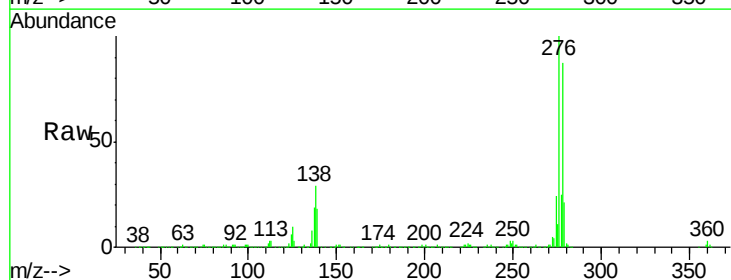
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

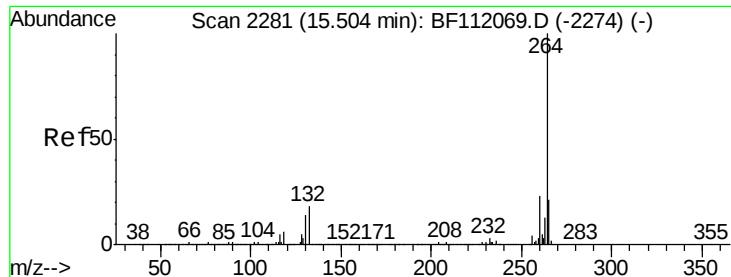
Tgt Ion:149 Resp: 2613093
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 58.719 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:276 Resp: 1934072
Ion Ratio Lower Upper
276 100
138 28.0 22.6 34.0
277 25.6 20.3 30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

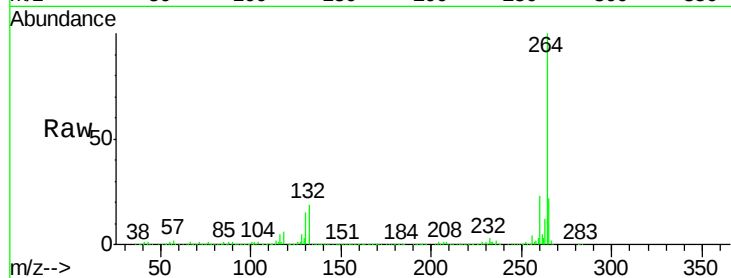
Tgt Ion:264 Resp: 716676

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.7 17.0 25.4

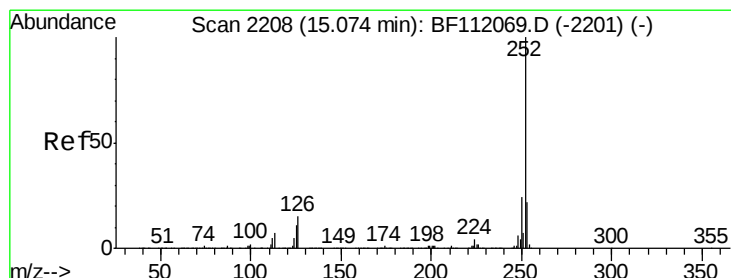
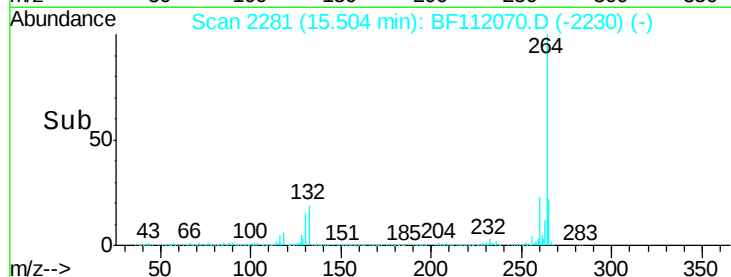
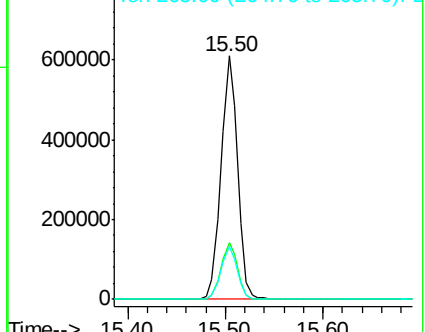


Abundance

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: 48.646 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

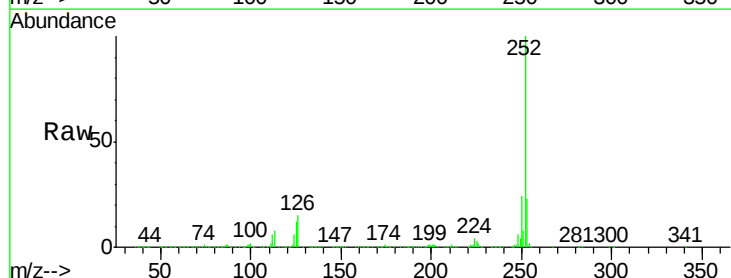
Tgt Ion:252 Resp: 2085510

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

125 11.6 8.7 13.1

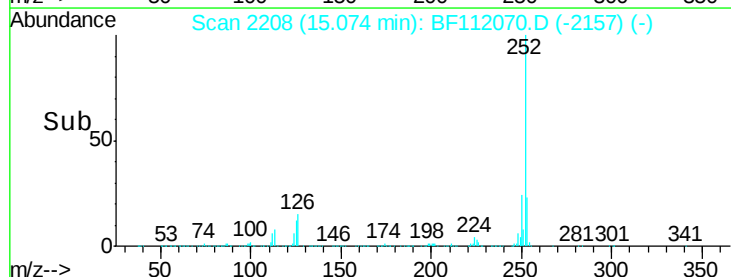
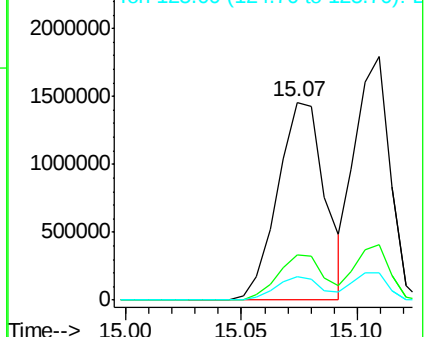


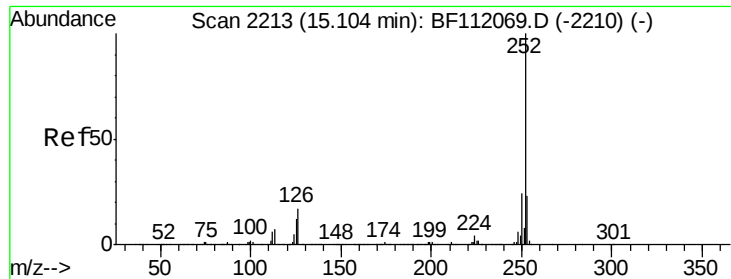
Abundance

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

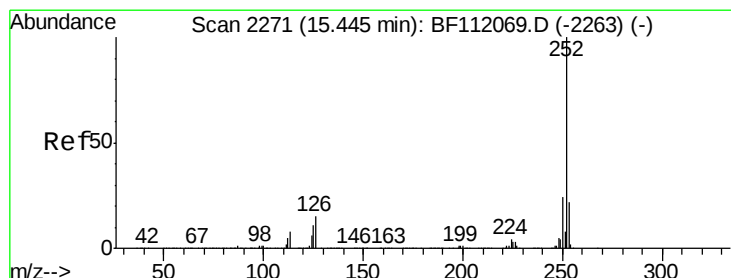
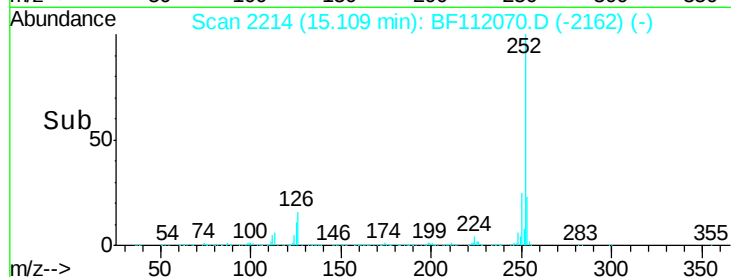
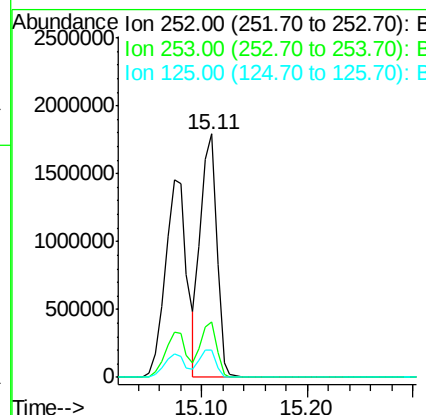
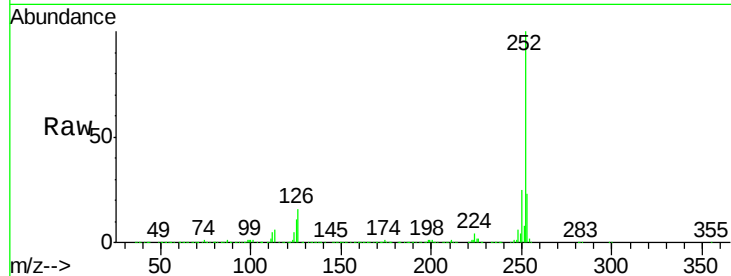




#89
Benzo(k)fluoranthene
Concen: 46.918 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

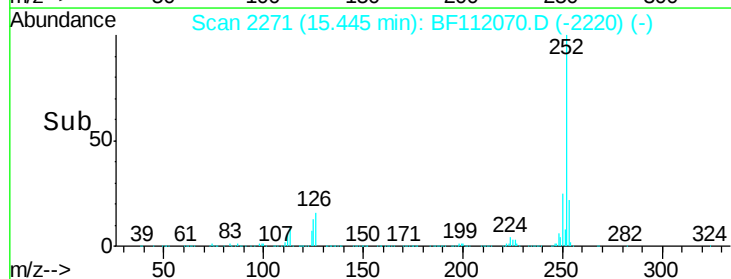
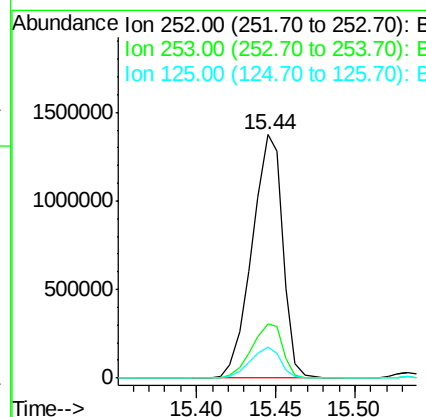
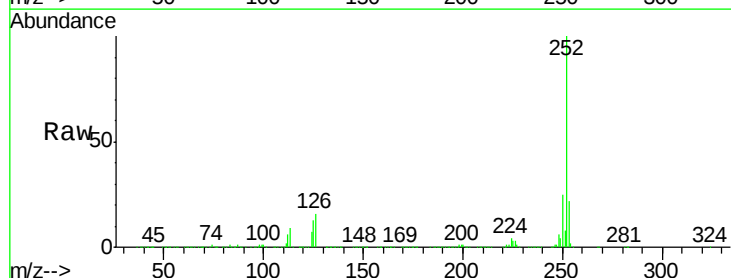
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

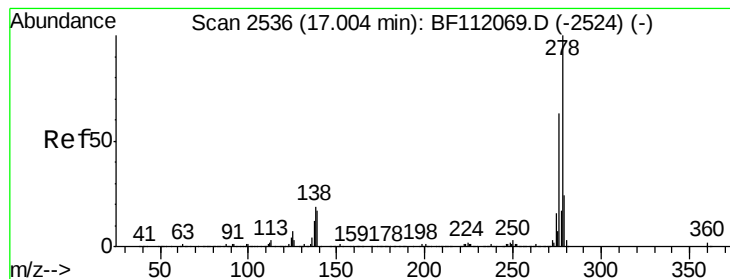
Tgt Ion:252 Resp: 1890702
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 11.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 49.225 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF112070.D
Acq: 16 Jan 2019 16:41

Tgt Ion:252 Resp: 1855538
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.8 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 52.885 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

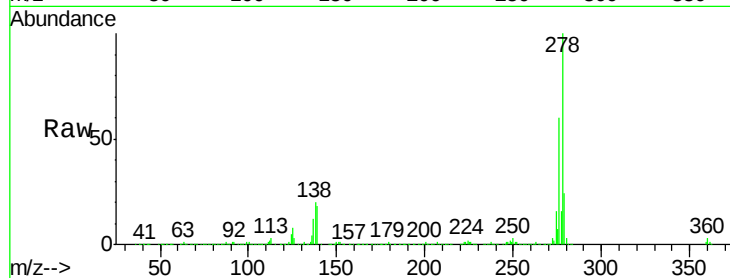
Tgt Ion:278 Resp: 1603368

Ion Ratio Lower Upper

278 100

139 18.0 13.7 20.5

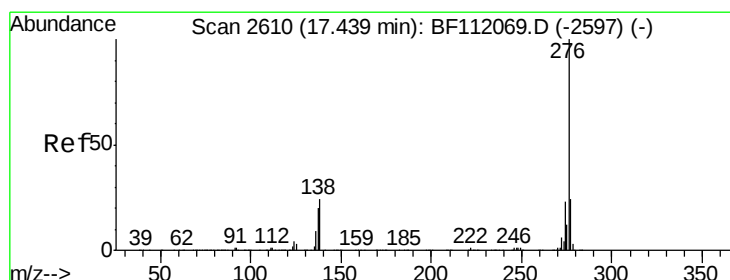
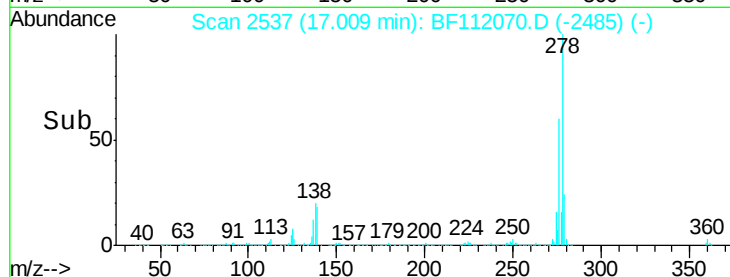
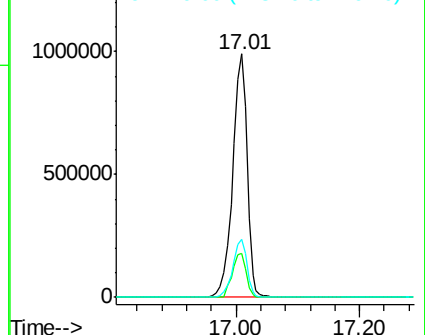
279 23.9 19.0 28.6



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: 53.797 ng

RT: 17.44 min Scan# 2611

Delta R.T. 0.01 min

Lab File: BF112070.D

Acq: 16 Jan 2019 16:41

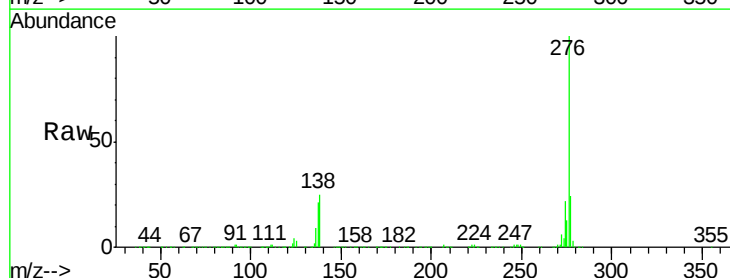
Tgt Ion:276 Resp: 1595286

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 24.7 19.1 28.7



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

