

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096830.D
 Acq On : 17 Jul 2017 20:14
 Operator : SJ/JU
 Sample : I4203-07MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Quant Time: Jul 18 02:13:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	118484	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	453979	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	164809	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	196727	20.00	ng	-0.03
75) Chrysene-d12	13.74	240	189256	20.00	ng	-0.03
86) Perylene-d12	15.12	264	167792	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	607136	77.05	ng	0.00
7) Phenol-d6	6.27	99	799580	84.55	ng	-0.01
23) Nitrobenzene-d5	7.18	82	460408	62.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	102467	72.84	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	771668	73.98	ng	-0.03
78) Terphenyl-d14	12.70	244	446435	40.91	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	101464	25.024	ng	# 76
3) Pyridine	2.93	79	63332	7.432	ng	# 59
4) n-Nitrosodimethylamine	2.85	42	128401	26.944	ng	# 77
6) Aniline	6.28	93	181100	15.548	ng	# 1
8) 2-Chlorophenol	6.40	128	243766	28.675	ng	97
9) Benzaldehyde	6.16	77	135963	24.876	ng	98
10) Phenol	6.28	94	328882	30.765	ng	94
11) bis(2-Chloroethyl)ether	6.35	93	248481	30.910	ng	89
12) 1,3-Dichlorobenzene	6.56	146	264973	29.323	ng	98
13) 1,4-Dichlorobenzene	6.63	146	270767	29.588	ng	98
14) 1,2-Dichlorobenzene	6.79	146	241557	29.021	ng	97
15) Benzyl Alcohol	6.76	79	187672	30.314	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	509633	30.719	ng	99
17) 2-Methylphenol	6.89	107	192018	29.047	ng	96
18) Hexachloroethane	7.13	117	78167	24.089	ng	# 86
19) n-Nitroso-di-n-propylamine	7.03	70	166569	29.238	ng	# 82
20) 3+4-Methylphenols	7.04	107	239933	29.910	ng	# 65
22) Acetophenone	7.03	105	331243	32.646	ng	96
24) Nitrobenzene	7.20	77	213431	28.157	ng	90
25) Isophorone	7.44	82	426234	31.262	ng	96
26) 2-Nitrophenol	7.52	139	115603	27.428	ng	90
27) 2,4-Dimethylphenol	7.56	122	205758	29.674	ng	97
28) bis(2-Chloroethoxy)methane	7.65	93	285748	31.015	ng	97
29) 2,4-Dichlorophenol	7.76	162	192817	30.720	ng	97
30) 1,2,4-Trichlorobenzene	7.84	180	182294	30.547	ng	97
31) Naphthalene	7.92	128	674286	31.353	ng	99
32) Benzoic acid	7.66	122	42264	9.537	ng	99
33) 4-Chloroaniline	7.97	127	142417	16.714	ng	94
34) Hexachlorobutadiene	8.04	225	89665	28.145	ng	98
35) Caprolactam	8.32	113	43637	21.698	ng	# 63
36) 4-Chloro-3-methylphenol	8.46	107	161533	23.935	ng	93
37) 2-Methylnaphthalene	8.60	142	408625	29.803	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	140554	31.549	ng	99
40) Hexachlorocyclopentadiene	8.76	237	18197	15.167	ng	98

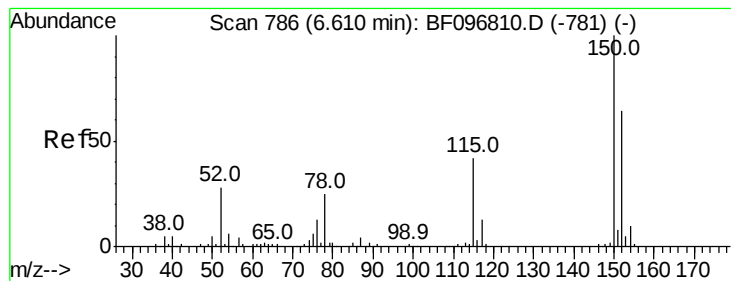
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	104496	31.798	ng	97
43) 2,4,5-Trichlorophenol	8.93	196	104891	31.648	ng	# 93
45) 1,1'-Biphenyl	9.07	154	458734	32.454	ng	98
46) 2-Chloronaphthalene	9.09	162	352334	33.852	ng	94
47) 2-Nitroaniline	9.19	65	119883	33.509	ng	94
48) Acenaphthylene	9.50	152	523908	31.592	ng	99
49) Dimethylphthalate	9.37	163	456232	36.765	ng	99
50) 2,6-Dinitrotoluene	9.43	165	81045	30.152	ng	# 77
51) Acenaphthene	9.67	154	301849	30.812	ng	99
52) 3-Nitroaniline	9.59	138	80629	25.321	ng	92
53) 2,4-Dinitrophenol	9.71	184	5475	10.508	ng	# 77
54) Dibenzofuran	9.85	168	445281	32.435	ng	99
55) 4-Nitrophenol	9.77	139	103504	44.493	ng	# 63
56) 2,4-Dinitrotoluene	9.83	165	92731	26.848	ng	# 78
57) Fluorene	10.19	166	285467	28.140	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	69386	30.187	ng	97
59) Diethylphthalate	10.07	149	375886	31.115	ng	99
60) 4-Chlorophenyl-phenylether	10.18	204	128032	27.436	ng	95
61) 4-Nitroaniline	10.20	138	68880	23.036	ng	89
62) Azobenzene	10.34	77	281423	26.406	ng	92
64) 4,6-Dinitro-2-methylphenol	10.25	198	5578	4.516	ng	84
65) n-Nitrosodiphenylamine	10.30	169	250142	35.571	ng	98
66) 4-Bromophenyl-phenylether	10.67	248	71431	35.564	ng	95
67) Hexachlorobenzene	10.73	284	71817	32.104	ng	# 88
68) Atrazine	10.83	200	67297	33.590	ng	96
69) Pentachlorophenol	10.93	266	63768	59.007	ng	98
70) Phenanthrene	11.14	178	393491	36.786	ng	99
71) Anthracene	11.19	178	390409	36.098	ng	98
72) Carbazole	11.34	167	350514	33.467	ng	98
73) Di-n-butylphthalate	11.69	149	453041	34.733	ng	99
74) Fluoranthene	12.32	202	444434	43.408	ng	98
77) Pyrene	12.54	202	478519	27.860	ng	99
79) Butylbenzylphthalate	13.17	149	194297	47.617	ng	# 83
80) Benzo(a)anthracene	13.73	228	419309	35.559	ng	99
81) 3,3'-Dichlorobenzidine	13.70	252	60935	14.370	ng	# 96
82) Chrysene	13.77	228	401813	34.613	ng	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	263955	26.559	ng	98
84) Di-n-octyl phthalate	14.35	149	534974	32.564	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.42	276	310745	30.068	ng	99
87) Benzo(b)fluoranthene	14.74	252	417715	41.277	ng	98
88) Benzo(k)fluoranthene	14.76	252	351127	36.641	ng	96
89) Benzo(a)pyrene	15.06	252	343852	37.046	ng	99
90) Dibenzo(a,h)anthracene	16.43	278	247264	28.952	ng	98
91) Benzo(g,h,i)perylene	16.80	276	259913	28.420	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.61 min Scan# 786

Delta R.T. -0.02 min

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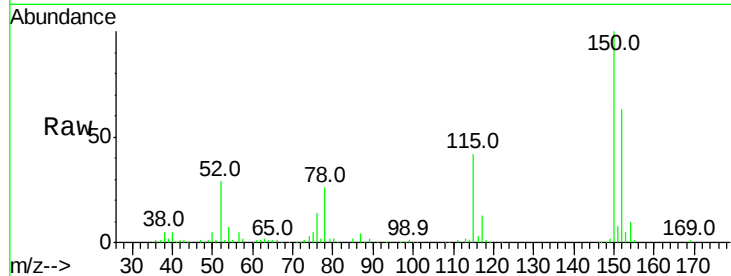
Tot Ion:152 Resp: 118484

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

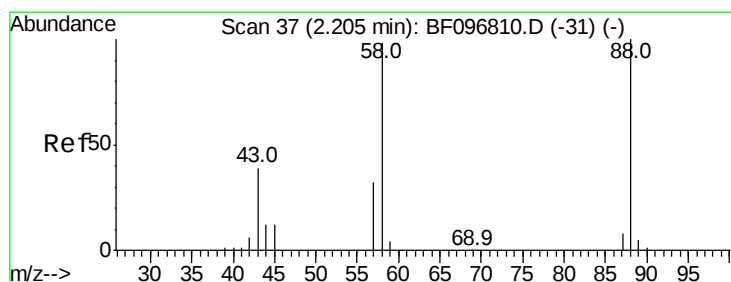
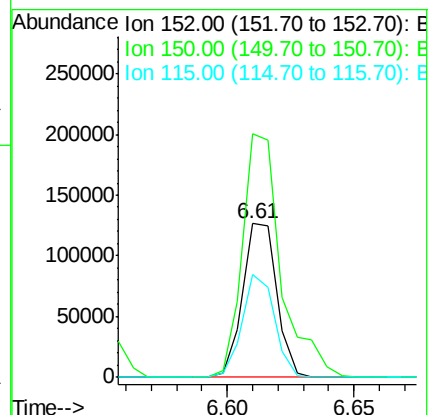
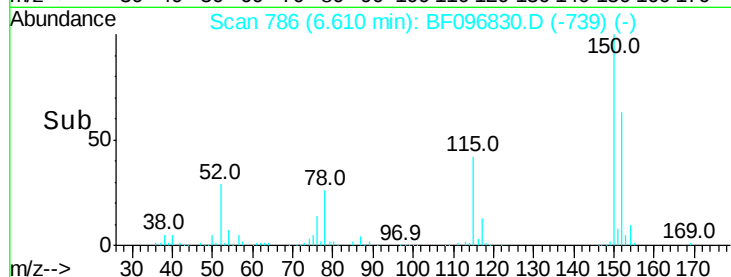
115 66.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 25.024 ng

RT: 2.25 min Scan# 44

Delta R.T. 0.01 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

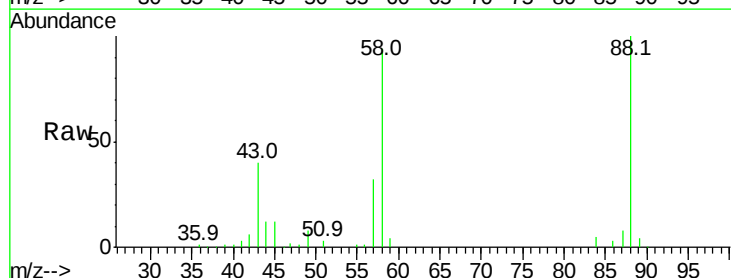
Tgt Ion: 88 Resp: 101464

Ion Ratio Lower Upper

88 100

58 99.4 61.4 92.0#

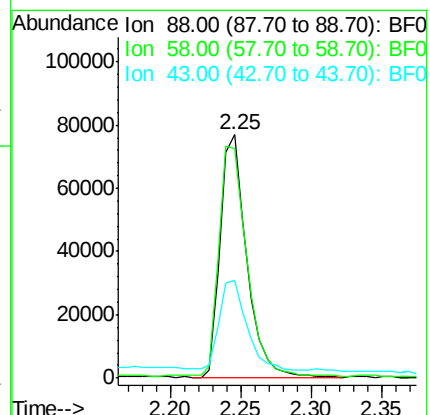
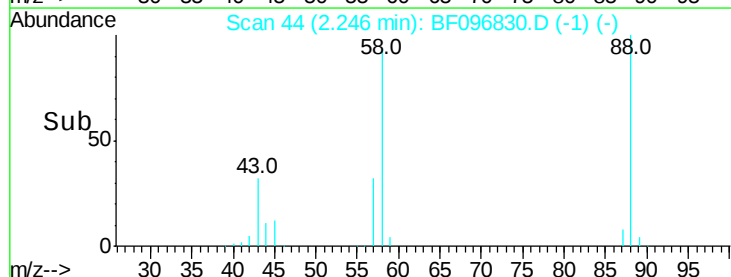
43 37.9 23.4 35.0#

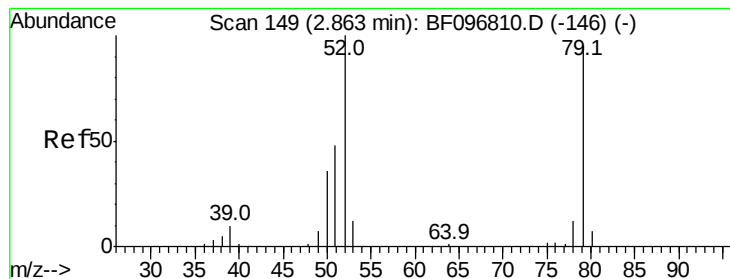


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 7.432 ng

RT: 2.93 min Scan# 161

Delta R.T. 0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

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ClientSampleId :

NB-SB04AMSD

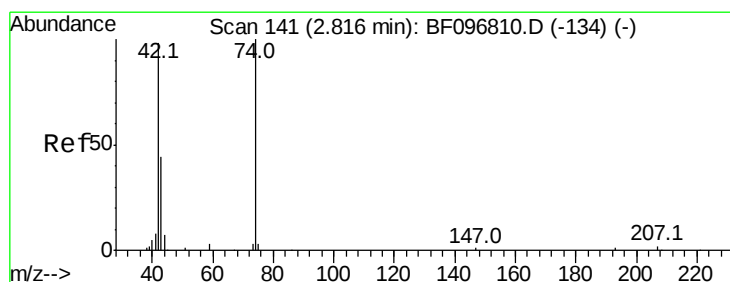
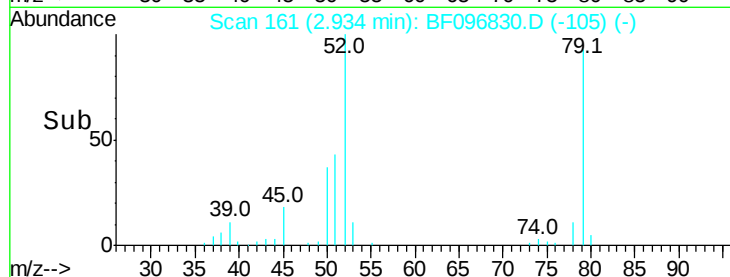
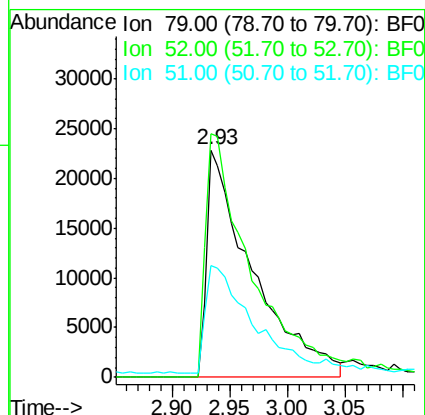
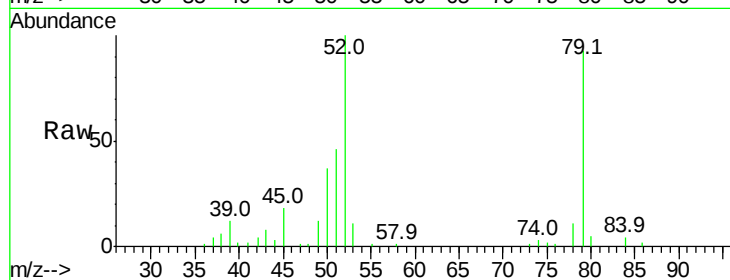
Tot Ion: 79 Resp: 63332

Ion Ratio Lower Upper

79 100

52 107.0 54.8 82.2#

51 49.1 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 26.944 ng

RT: 2.85 min Scan# 146

Delta R.T. -0.01 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

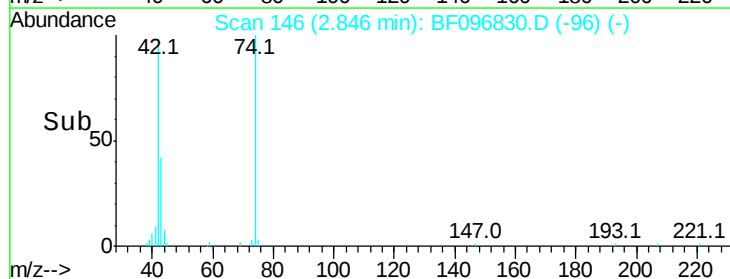
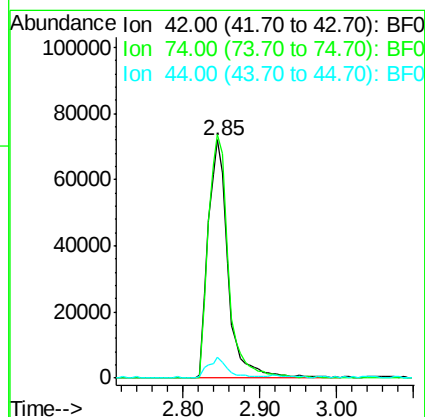
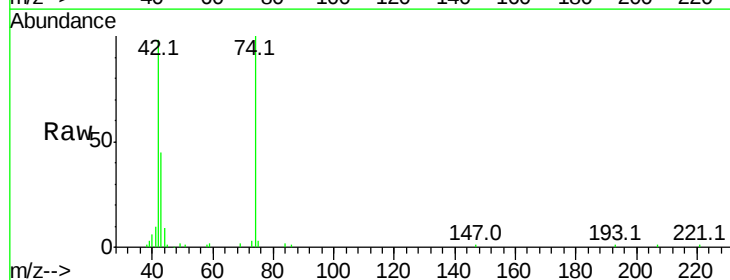
Tgt Ion: 42 Resp: 128401

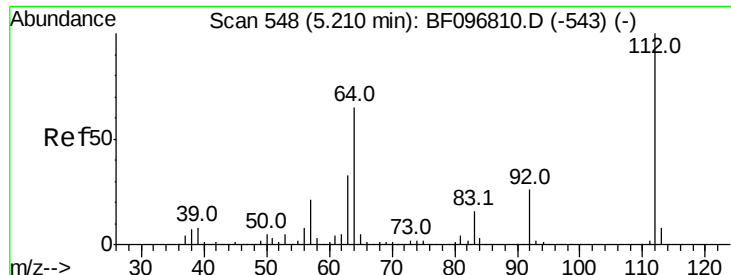
Ion Ratio Lower Upper

42 100

74 102.2 103.9 155.9#

44 8.7 5.7 8.5#





#5

2-Fluorophenol

Concen: 77.047 ng

RT: 5.23 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

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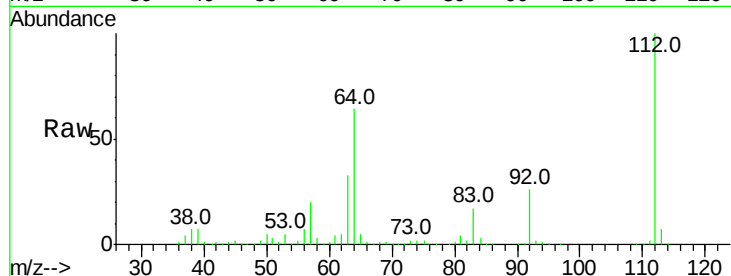
Tot Ion:112 Resp: 607136

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

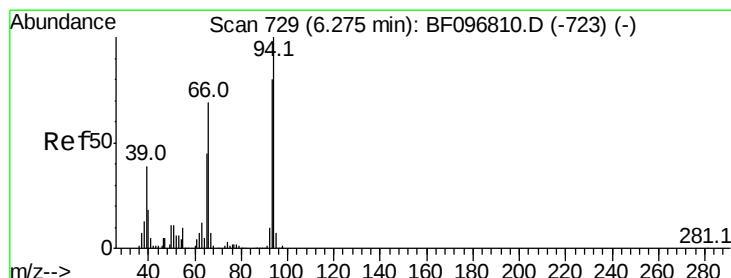
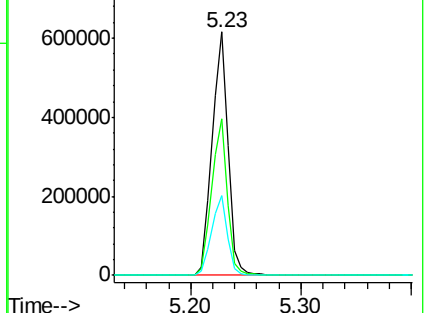
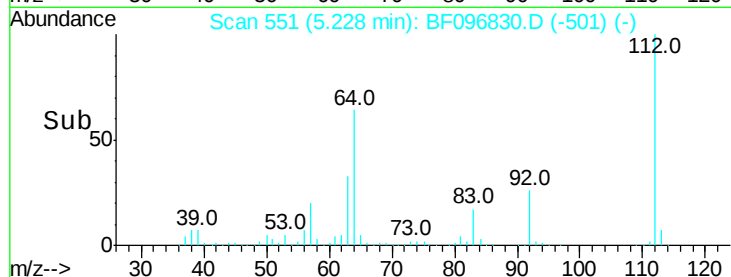
63 32.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.548 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

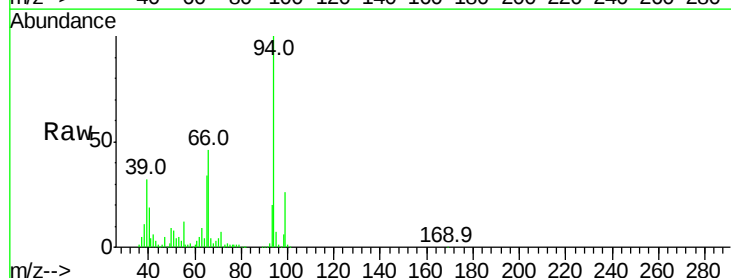
Tgt Ion: 93 Resp: 181100

Ion Ratio Lower Upper

93 100

66 229.7 32.9 49.3#

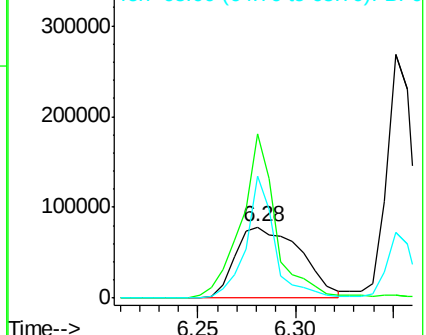
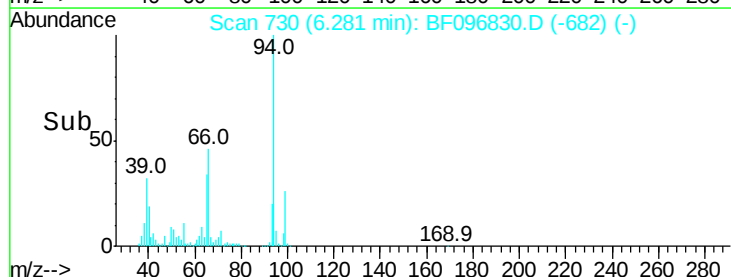
65 171.4 16.0 24.0#

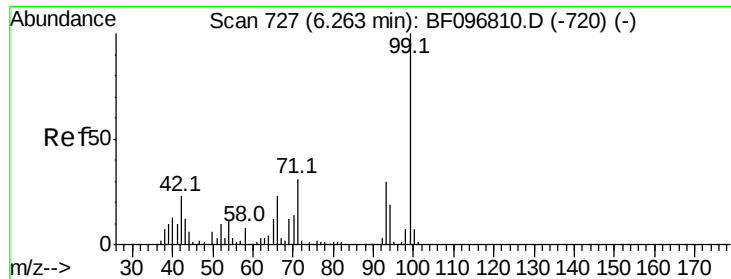


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.555 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

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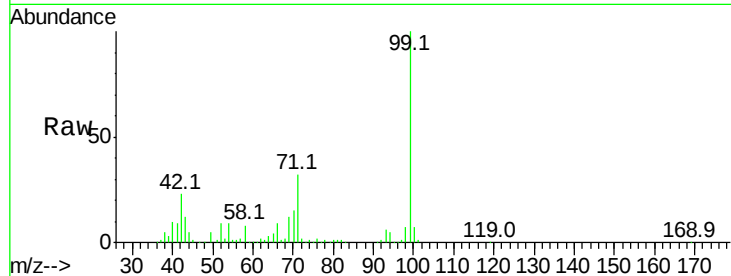
Tot Ion: 99 Resp: 799580

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

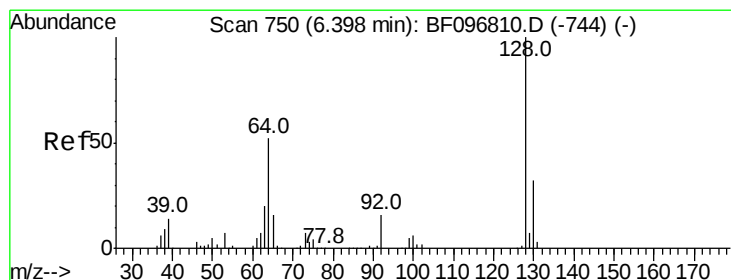
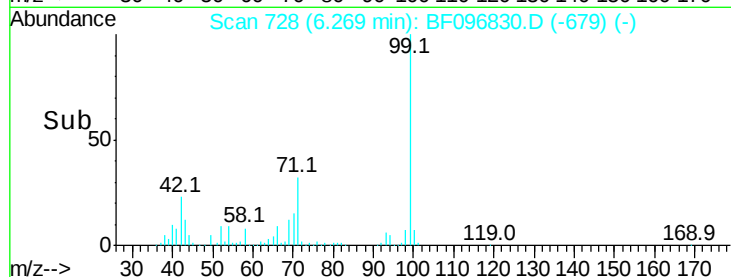
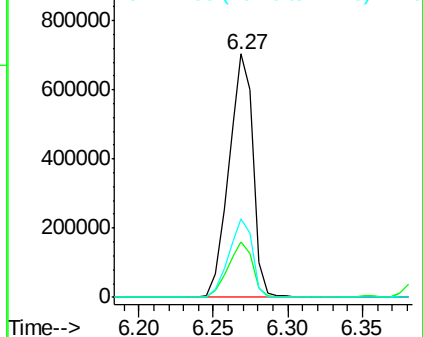
71 32.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 28.675 ng

RT: 6.40 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

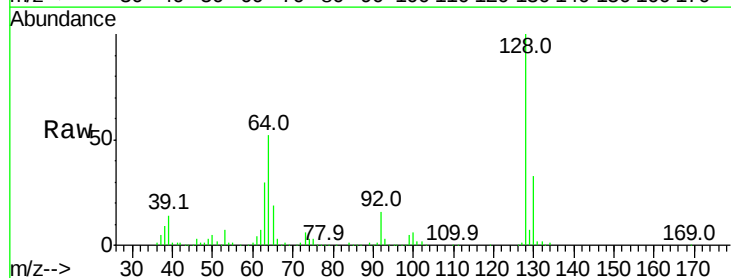
Tgt Ion:128 Resp: 243766

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

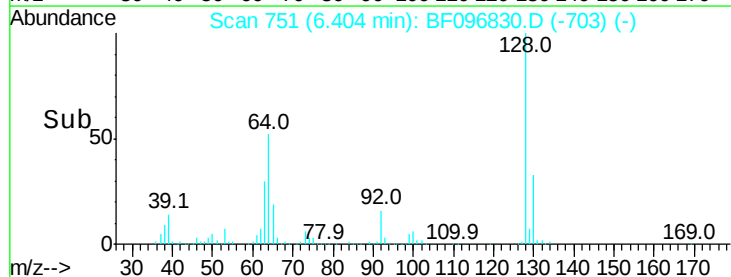
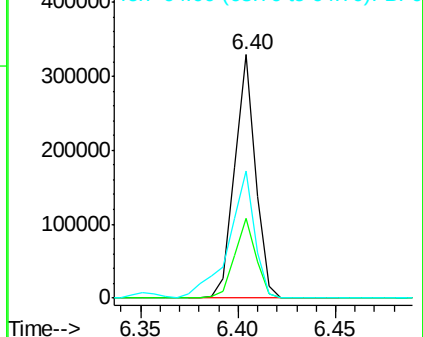
64 52.0 28.4 68.4

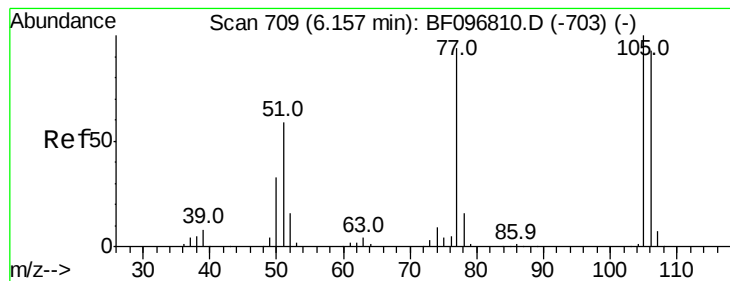


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 24.876 ng

RT: 6.16 min Scan# 709

Delta R.T. -0.02 min

Lab File: BF096830.D

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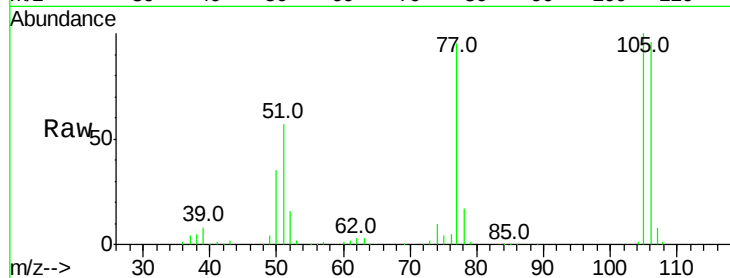
Tot Ion: 77 Resp: 135963

Ion Ratio Lower Upper

77 100

105 105.5 83.8 123.8

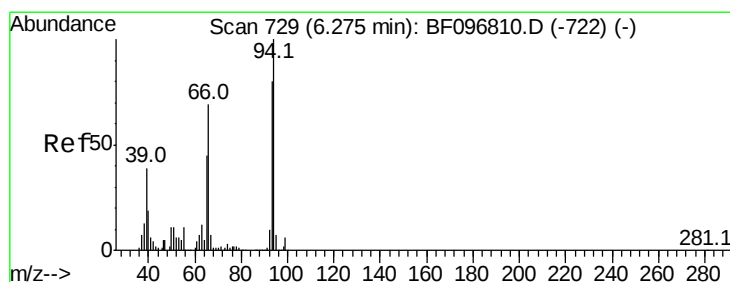
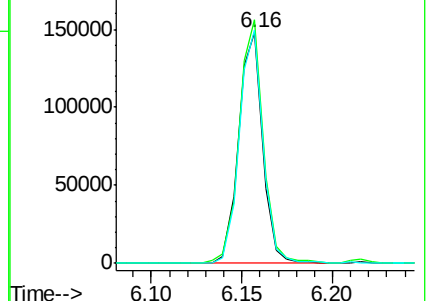
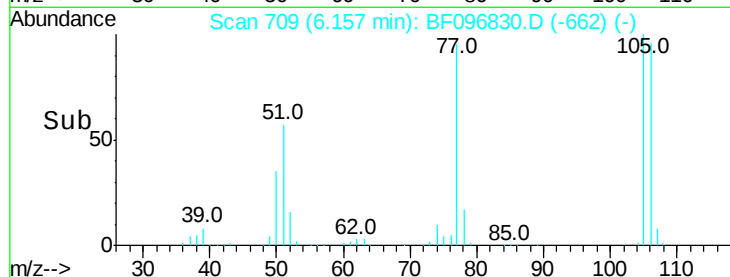
106 101.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.765 ng

RT: 6.28 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

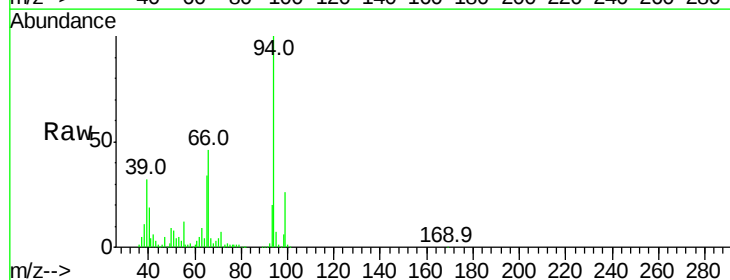
Tgt Ion: 94 Resp: 328882

Ion Ratio Lower Upper

94 100

65 34.4 9.9 49.9

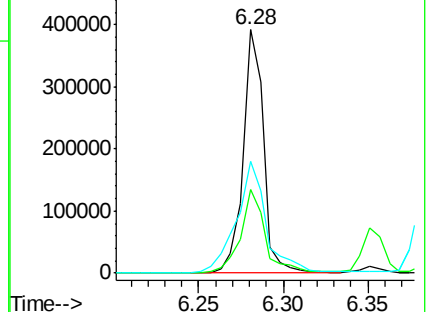
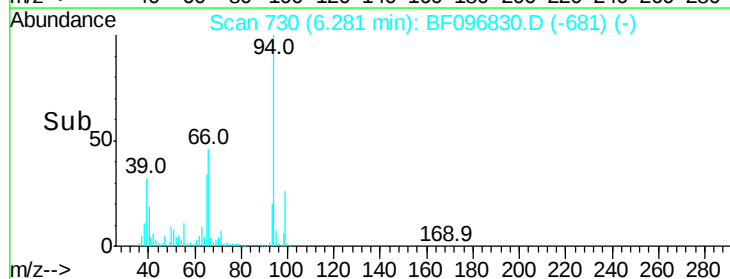
66 46.1 23.1 63.1

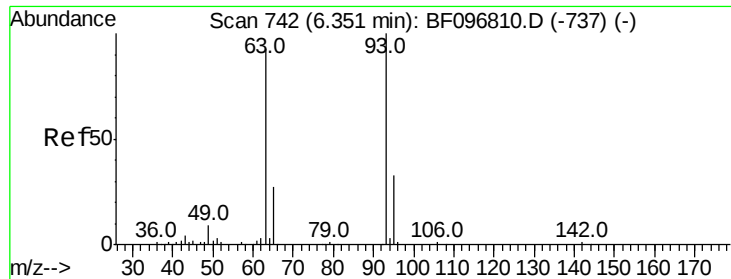


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 30.910 ng

RT: 6.35 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

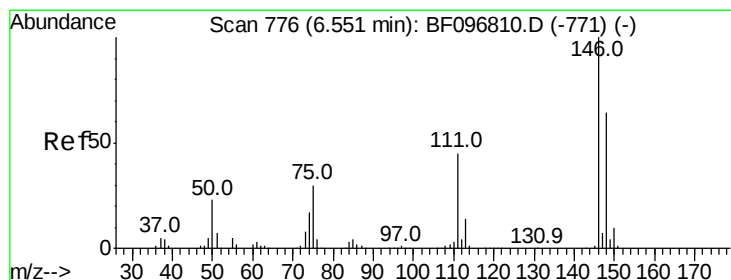
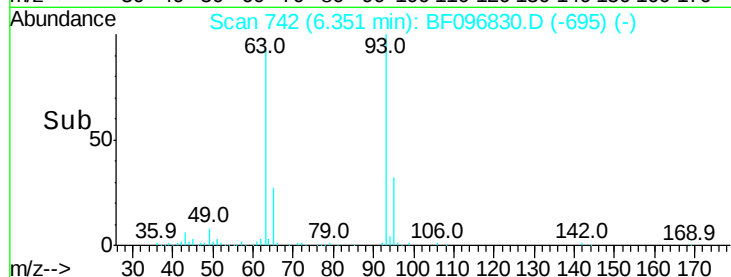
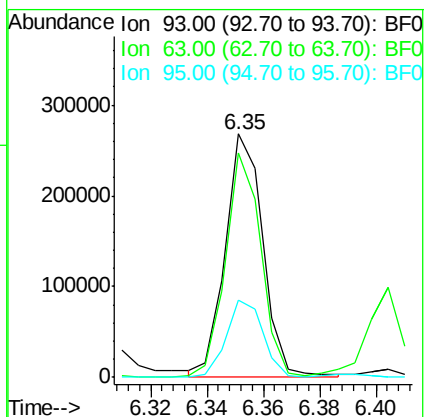
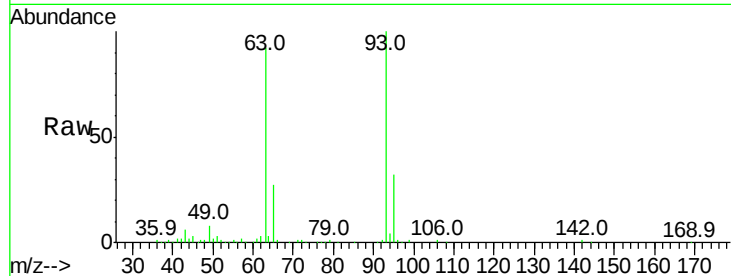
Tot Ion: 93 Resp: 248481

Ion Ratio Lower Upper

93 100

63 92.4 59.2 99.2

95 31.9 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 29.323 ng

RT: 6.56 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

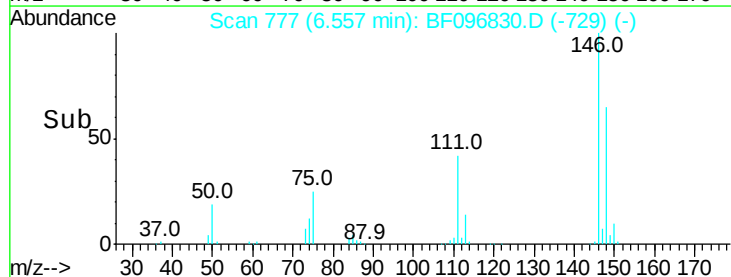
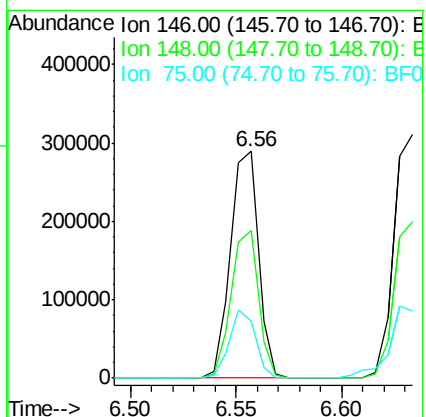
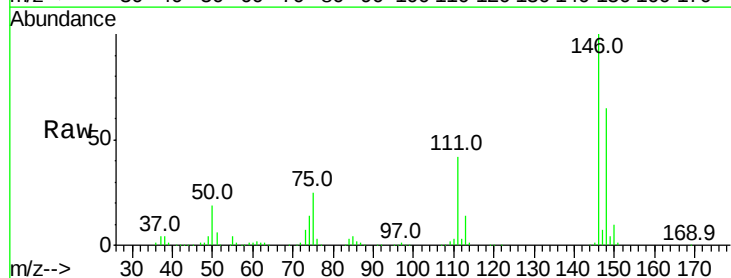
Tgt Ion: 146 Resp: 264973

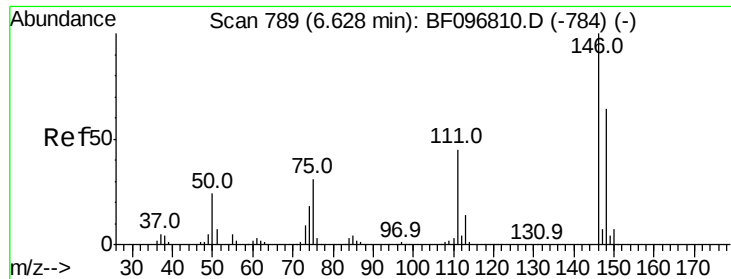
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

75 25.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 29.588 ng

RT: 6.63 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

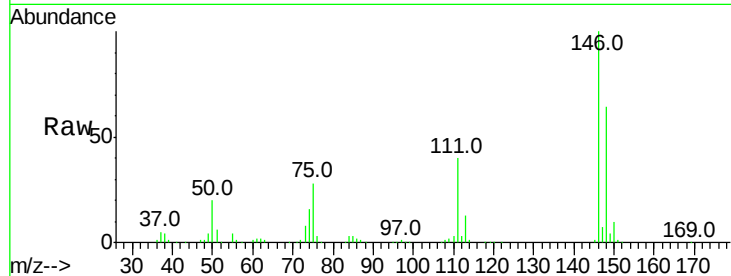
Tot Ion:146 Resp: 270767

Ion Ratio Lower Upper

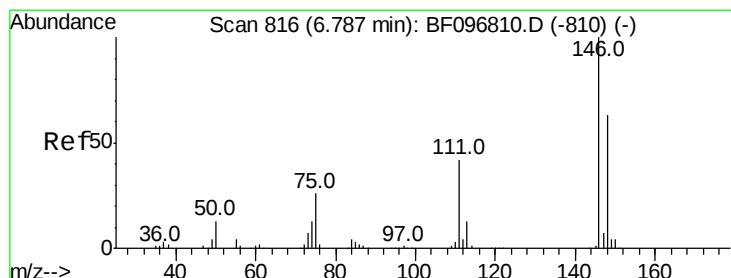
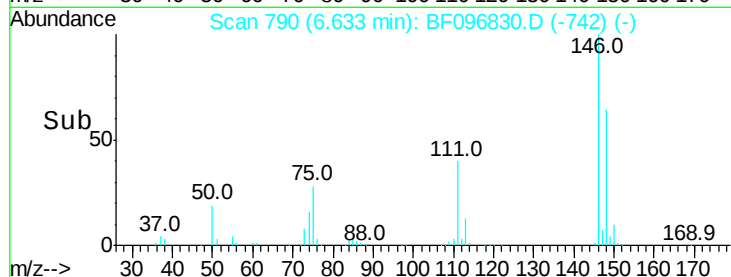
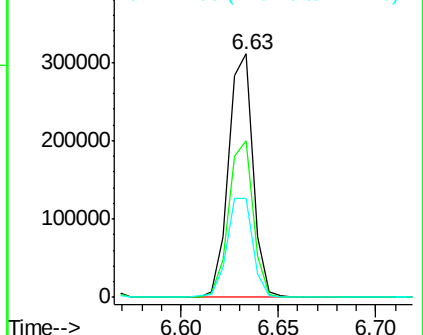
146 100

148 64.2 52.2 78.2

111 40.4 30.3 45.5



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: 29.021 ng

RT: 6.79 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

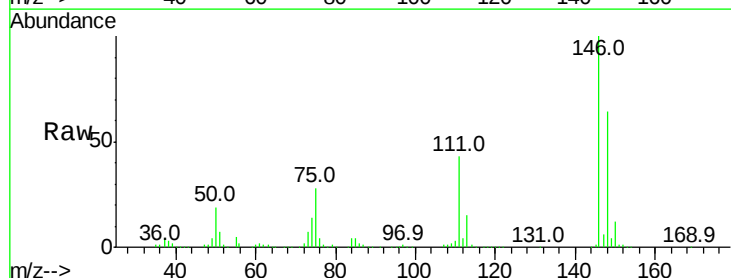
Tgt Ion:146 Resp: 241557

Ion Ratio Lower Upper

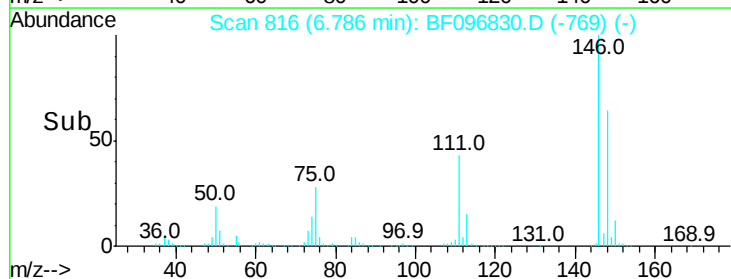
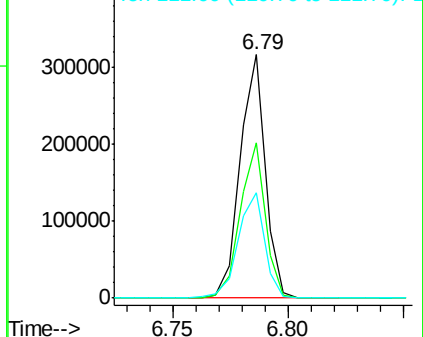
146 100

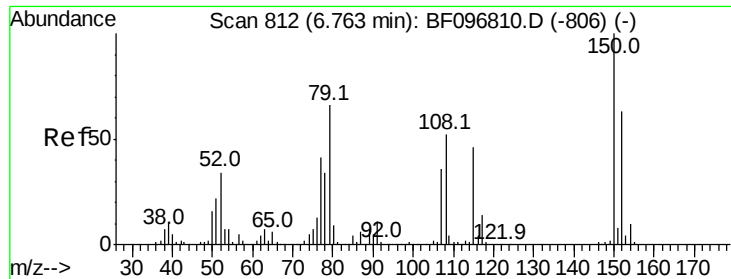
148 63.7 50.4 75.6

111 43.3 38.2 57.4



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: 30.314 ng

RT: 6.76 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

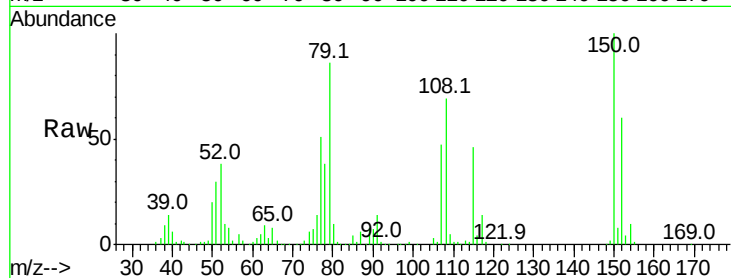
Tot Ion: 79 Resp: 187672

Ion Ratio Lower Upper

79 100

108 79.2 63.4 95.0

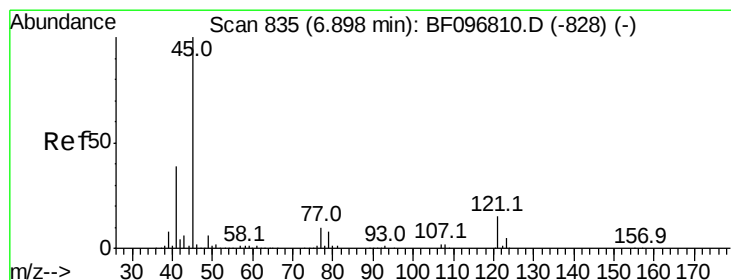
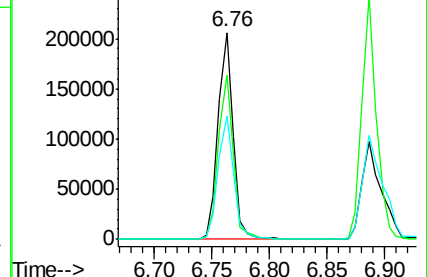
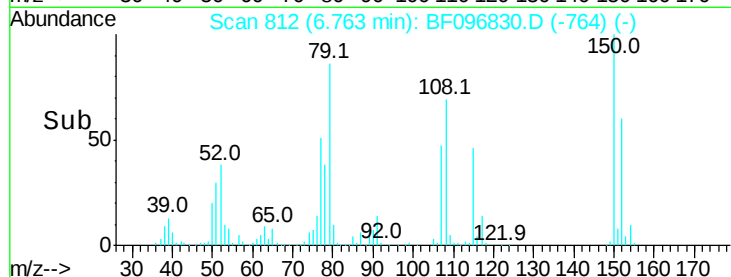
77 59.4 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.719 ng

RT: 6.90 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

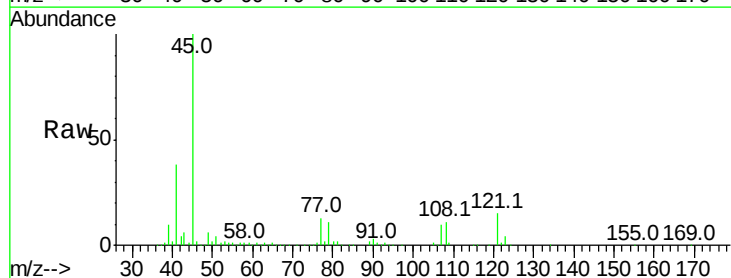
Tgt Ion: 45 Resp: 509633

Ion Ratio Lower Upper

45 100

77 12.9 0.0 33.2

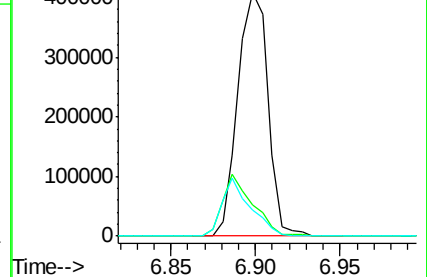
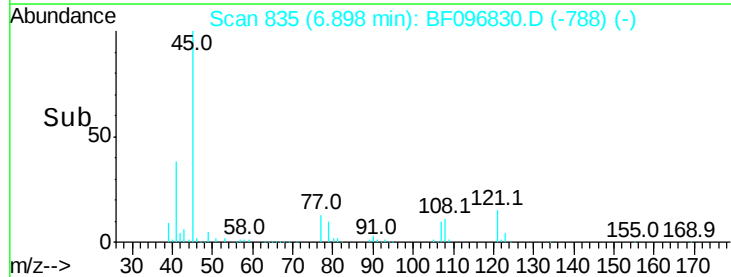
79 10.7 0.0 30.0

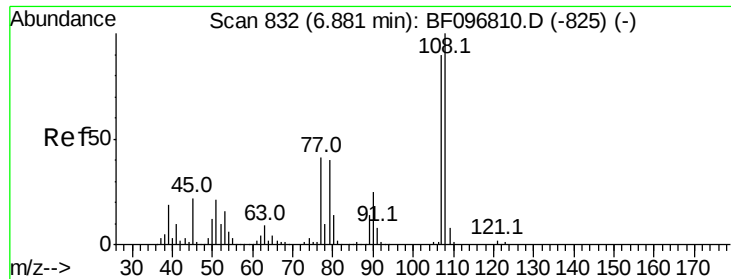


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

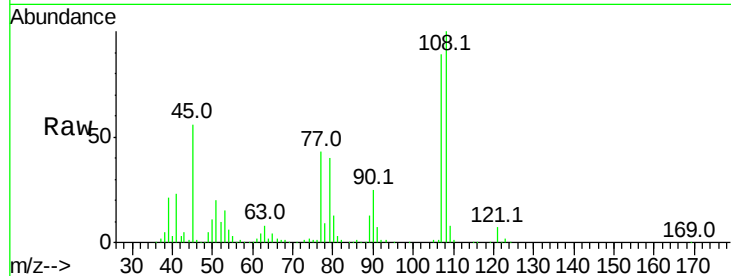




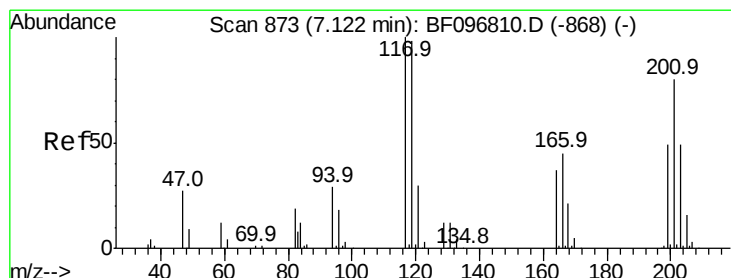
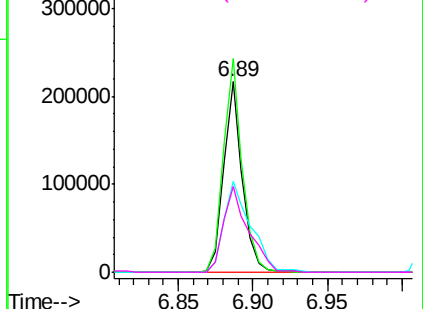
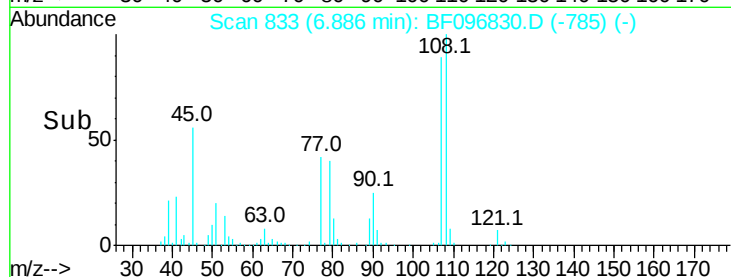
#17
2-Methylphenol
Concen: 29.047 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

Tot Ion:107 Resp: 192018
Ion Ratio Lower Upper
107 100
108 112.3 93.4 140.0
77 48.0 35.8 53.6
79 45.2 34.8 52.2

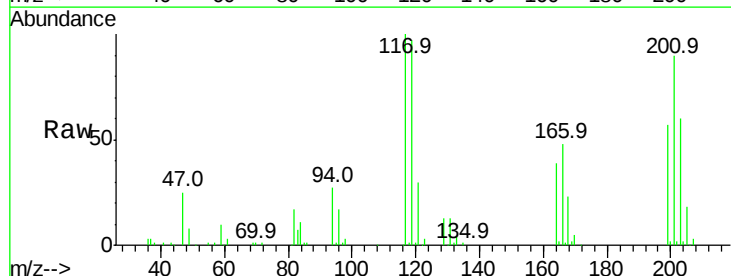


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

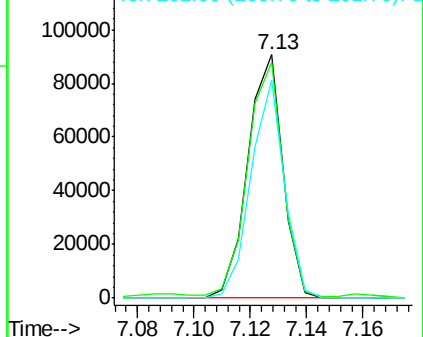
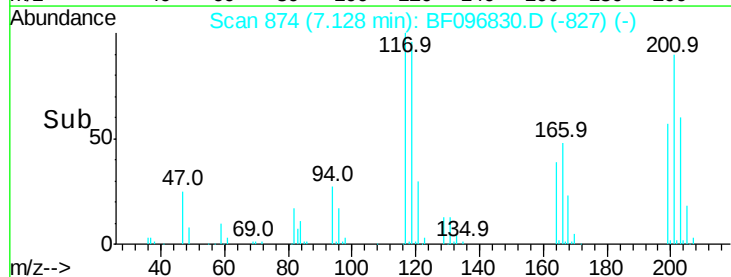


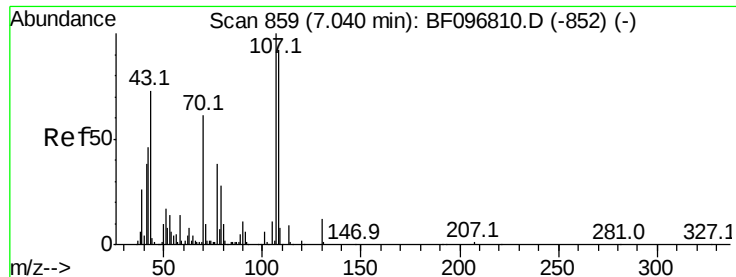
#18
Hexachloroethane
Concen: 24.089 ng
RT: 7.13 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:117 Resp: 78167
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 89.7 94.6 141.8#



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

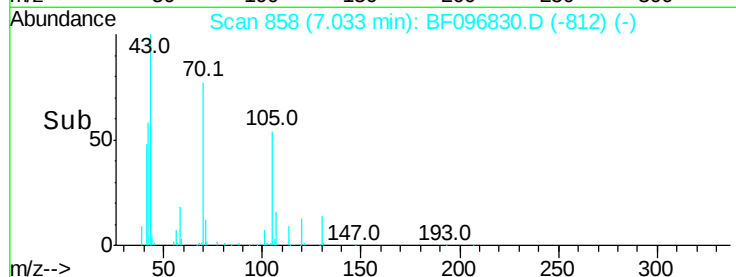
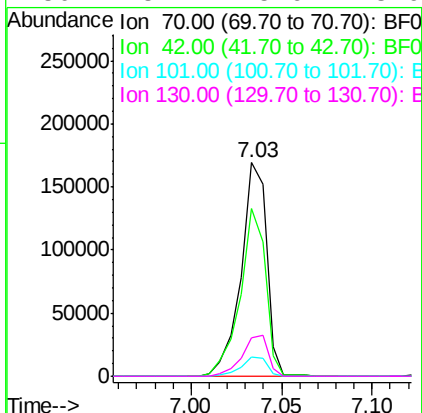
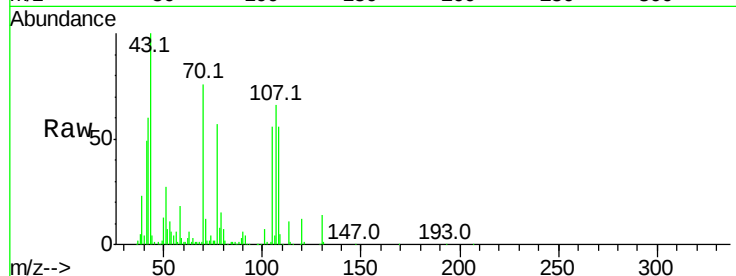




#19
n-Nitroso-di-n-propylamine
Concen: 29.238 ng
RT: 7.03 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

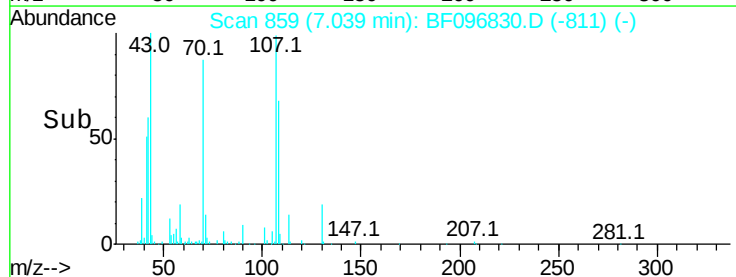
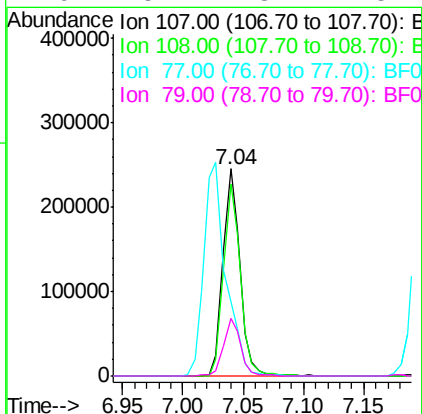
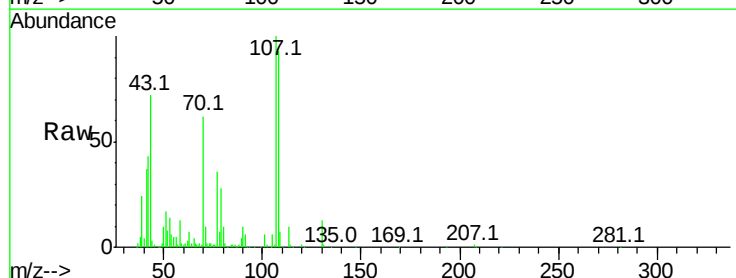
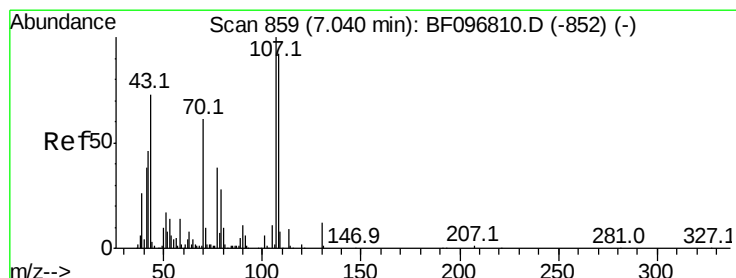
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

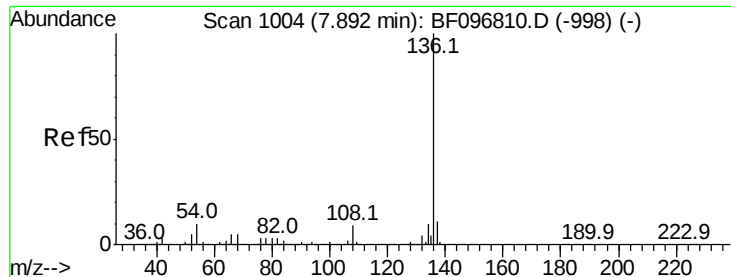
Tot Ion:	70	Resp:	166569
Ion	Ratio	Lower	Upper
70	100		
42	78.5	47.2	70.8#
101	9.0	7.2	10.8
130	18.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 29.910 ng
RT: 7.04 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:	107	Resp:	239933
Ion	Ratio	Lower	Upper
107	100		
108	92.8	71.0	111.0
77	35.9	90.5	130.5#
79	28.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

Tot Ion:136 Resp: 453979

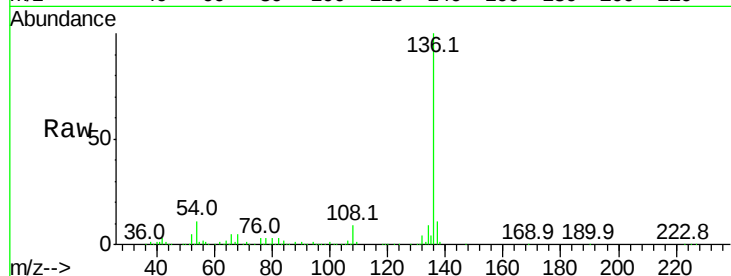
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.8 4.9 7.3#

68 5.4 4.1 6.1

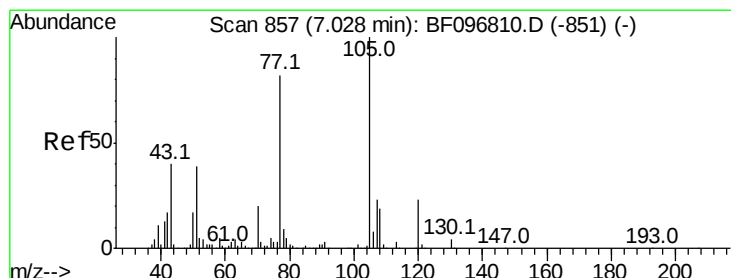
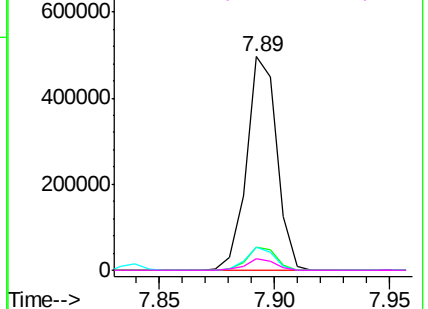
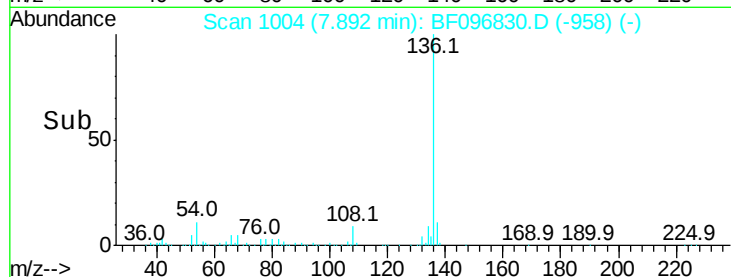


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 32.646 ng

RT: 7.03 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Tgt Ion:105 Resp: 331243

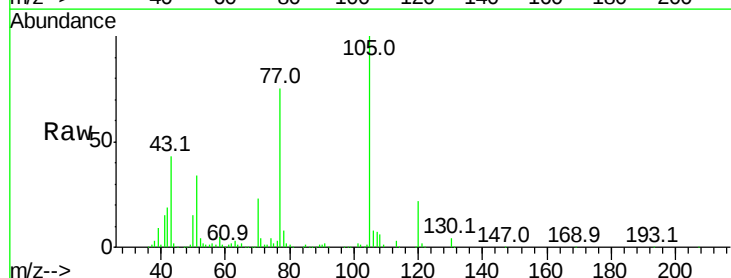
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 34.2 30.7 46.1

120 22.0 17.4 26.0

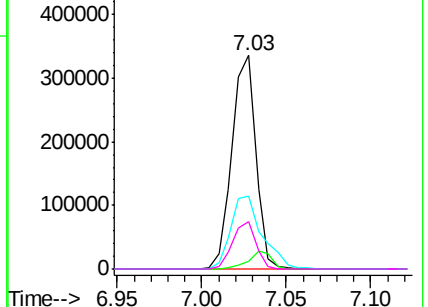
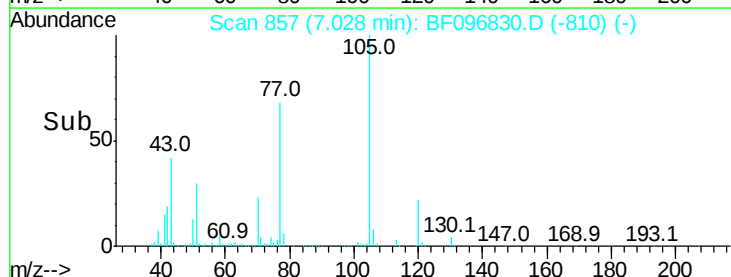


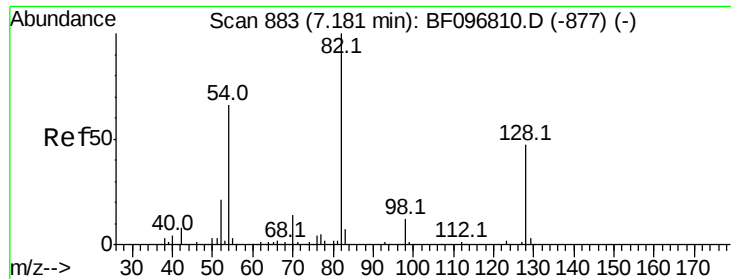
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

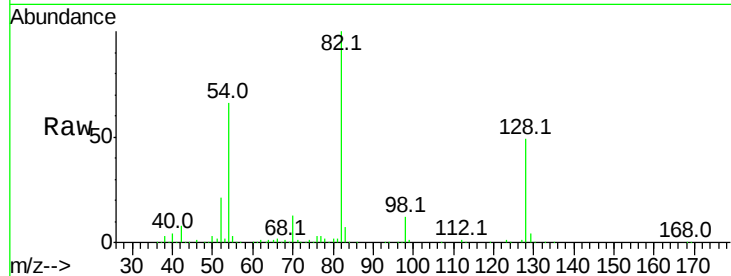




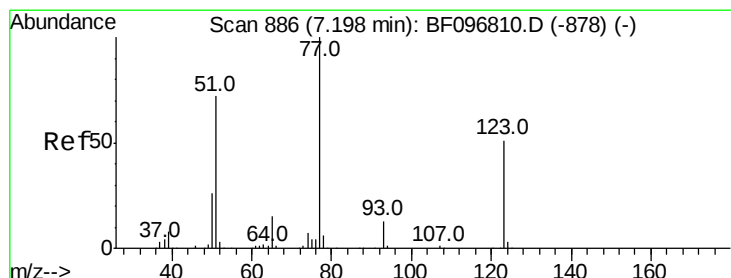
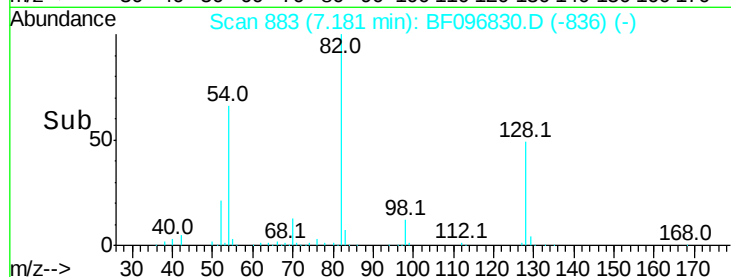
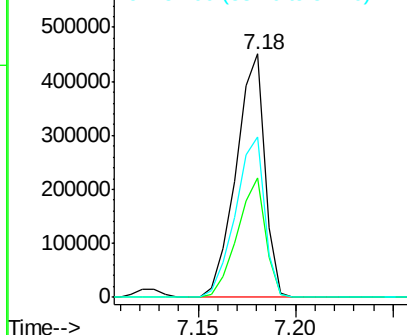
#23
Nitrobenzene-d5
Concen: 62.818 ng
RT: 7.18 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

Tot Ion: 82 Resp: 460408
Ion Ratio Lower Upper
82 100
128 48.8 34.0 51.0
54 66.1 42.2 63.2#

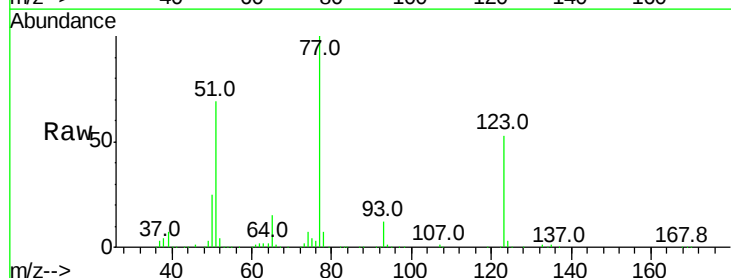


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

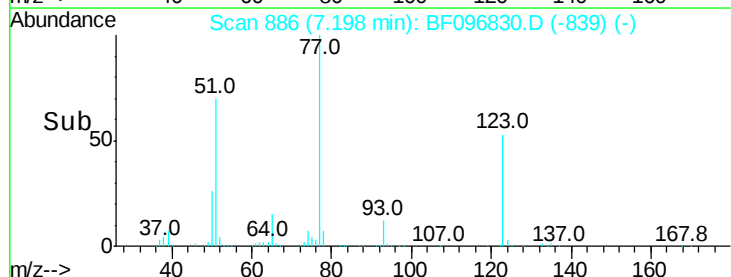
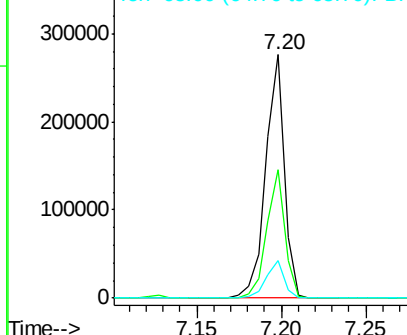


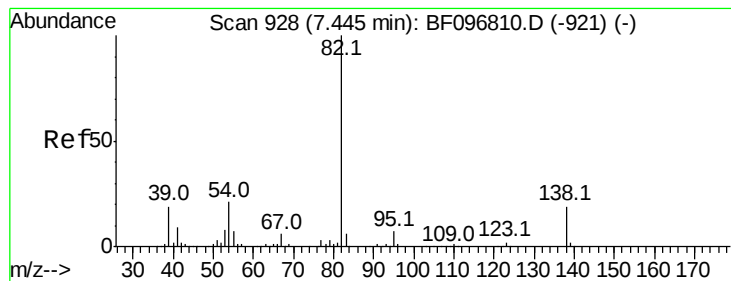
#24
Nitrobenzene
Concen: 28.157 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion: 77 Resp: 213431
Ion Ratio Lower Upper
77 100
123 52.7 35.8 53.8
65 15.2 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 31.262 ng

RT: 7.44 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

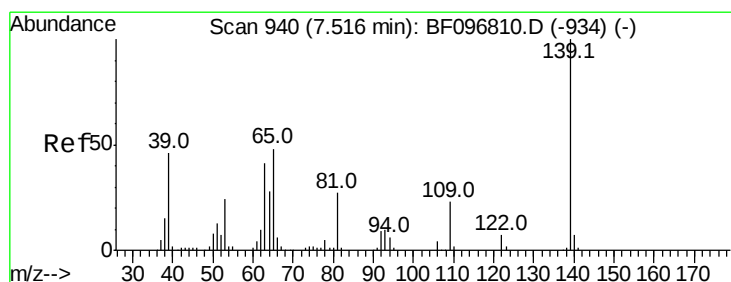
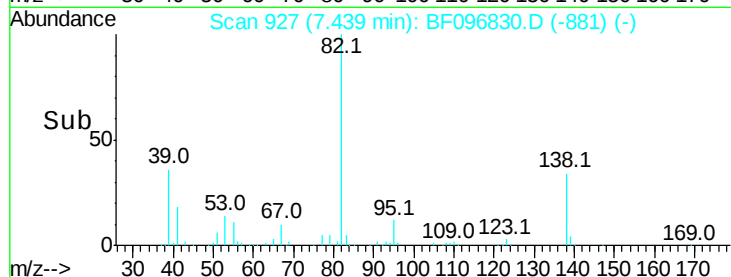
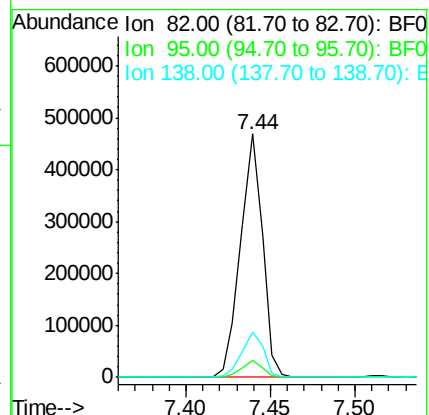
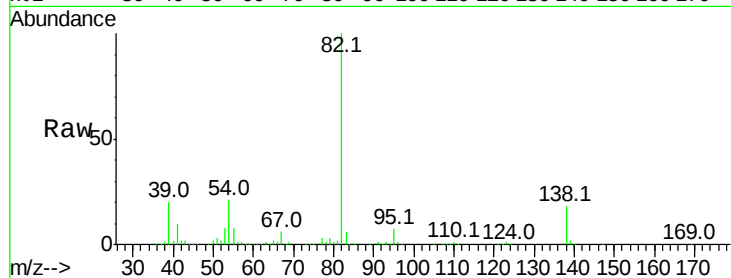
Tot Ion: 82 Resp: 426234

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 27.428 ng

RT: 7.52 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

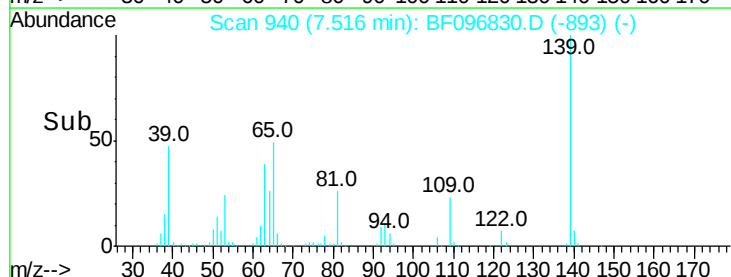
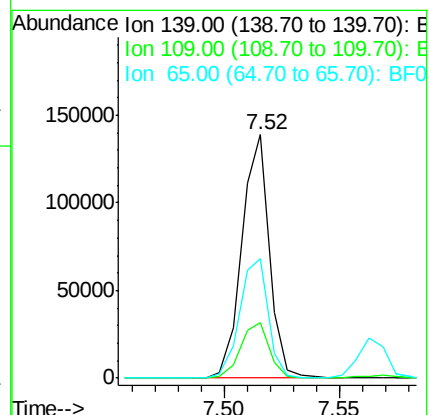
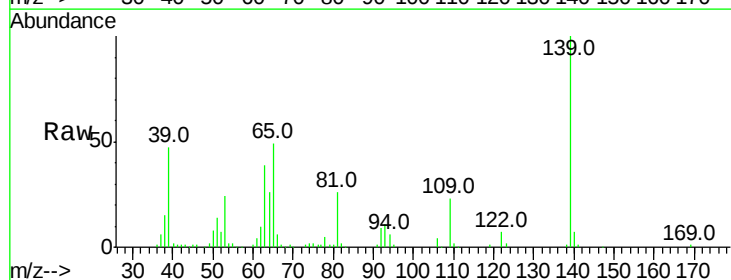
Tgt Ion: 139 Resp: 115603

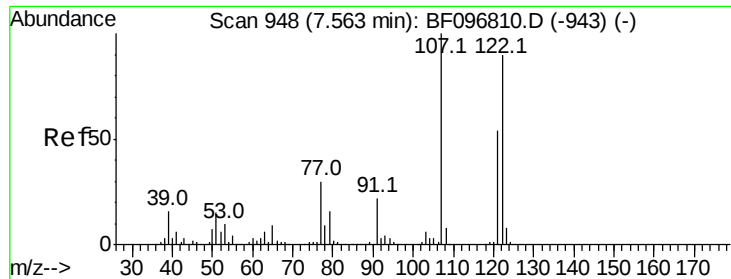
Ion Ratio Lower Upper

139 100

109 22.9 21.0 31.6

65 49.0 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 29.674 ng

RT: 7.56 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

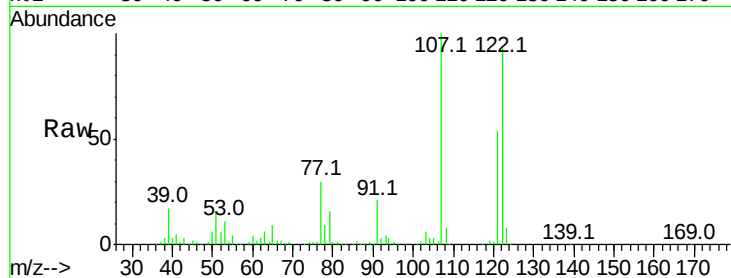
Tot Ion:122 Resp: 205758

Ion Ratio Lower Upper

122 100

107 108.0 89.2 133.8

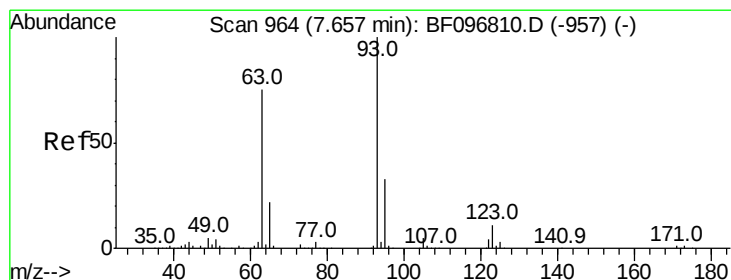
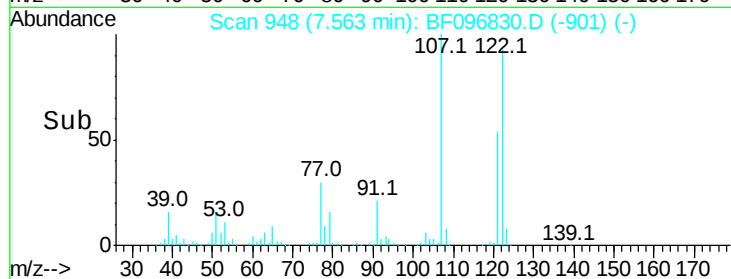
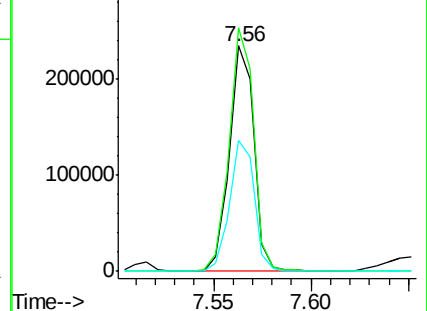
121 58.3 45.2 67.8



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: 31.015 ng

RT: 7.65 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

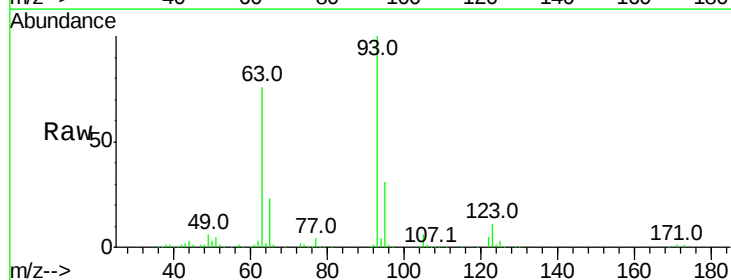
Tgt Ion: 93 Resp: 285748

Ion Ratio Lower Upper

93 100

95 31.1 26.5 39.7

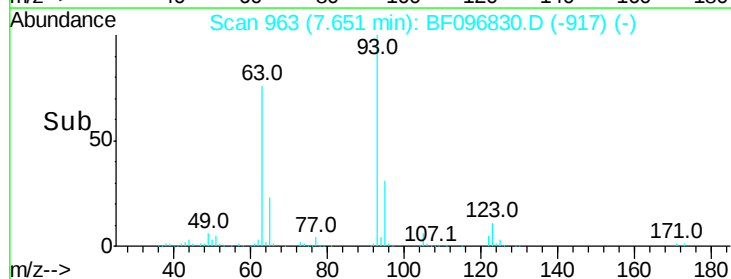
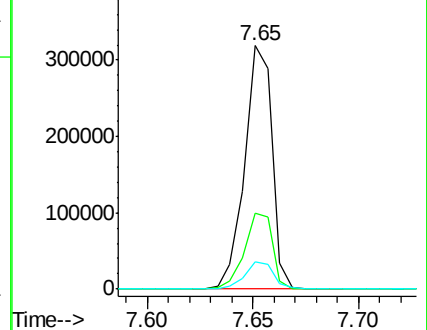
123 11.2 9.0 13.4

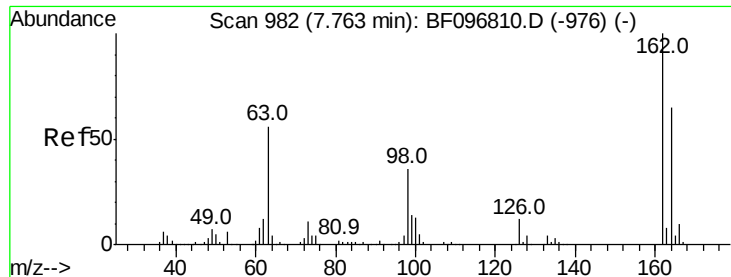


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

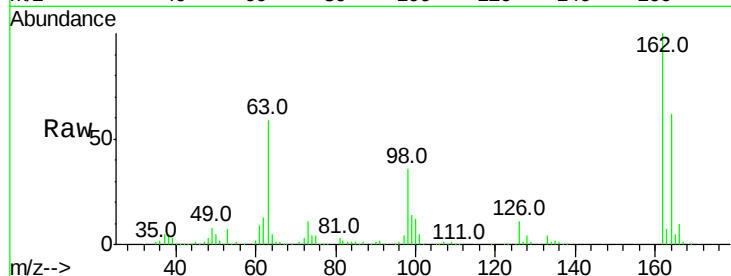




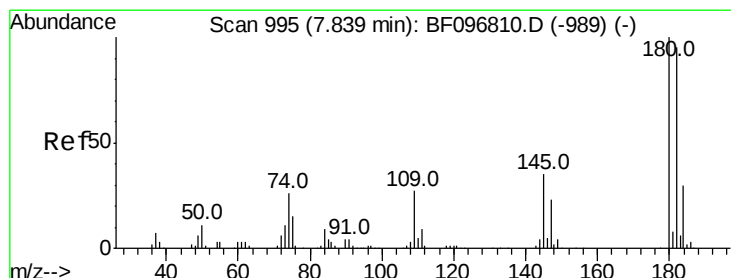
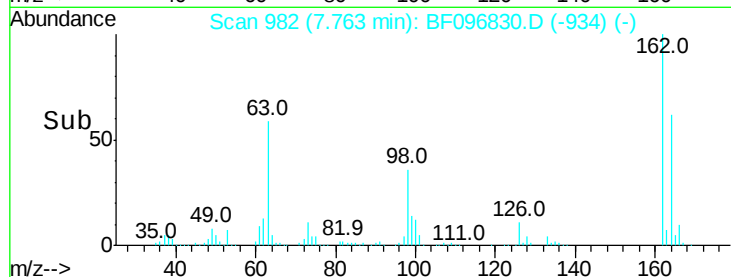
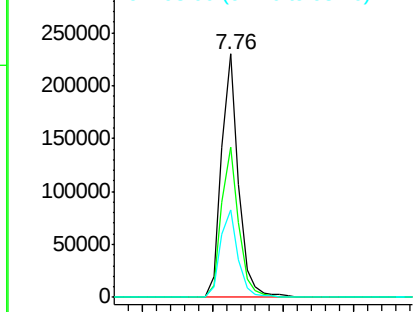
#29
 2,4-Dichlorophenol
 Concen: 30.720 ng
 RT: 7.76 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	35.9	14.8	54.8

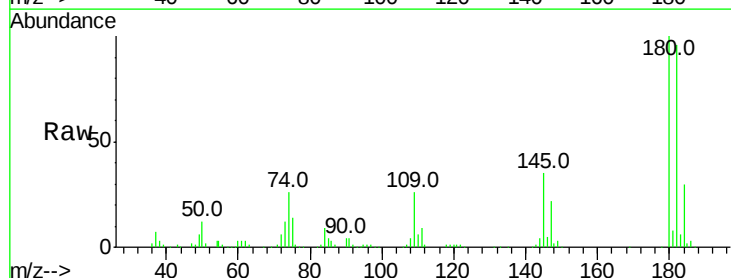


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

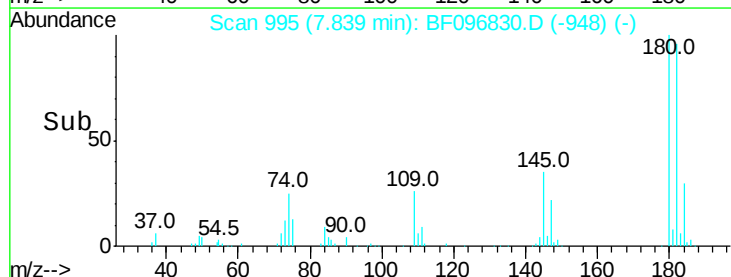
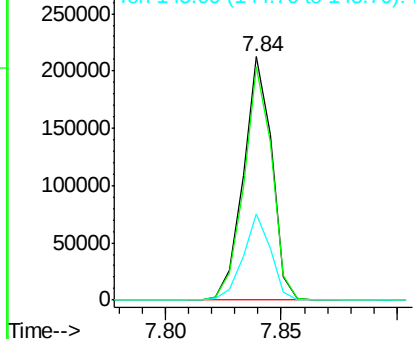


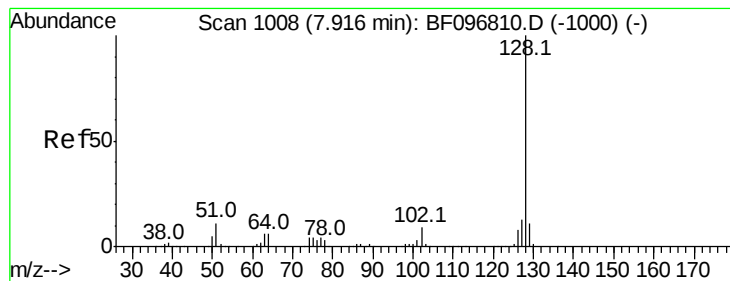
#30
 1,2,4-Trichlorobenzene
 Concen: 30.547 ng
 RT: 7.84 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	35.3	25.3	37.9



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: 31.353 ng

RT: 7.92 min Scan# 1008

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

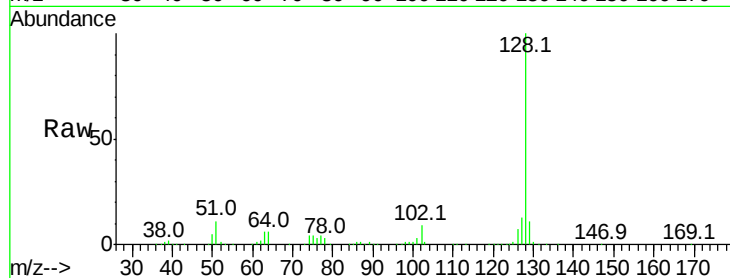
Tot Ion:128 Resp: 674286

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

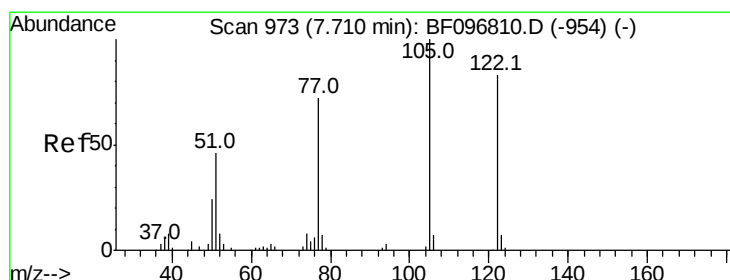
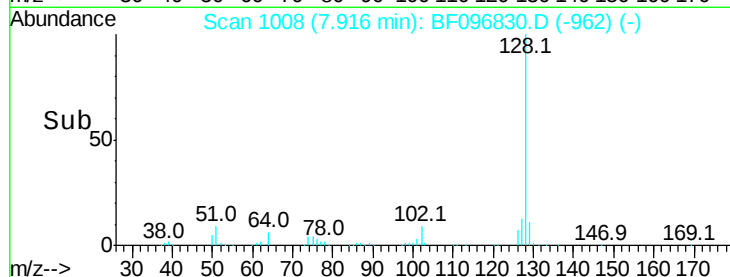
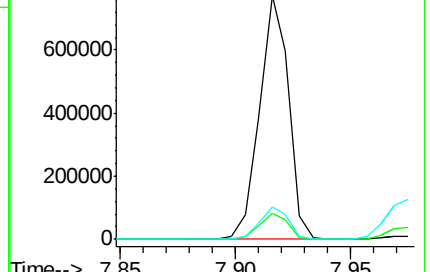
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.537 ng

RT: 7.66 min Scan# 965

Delta R.T. -0.05 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

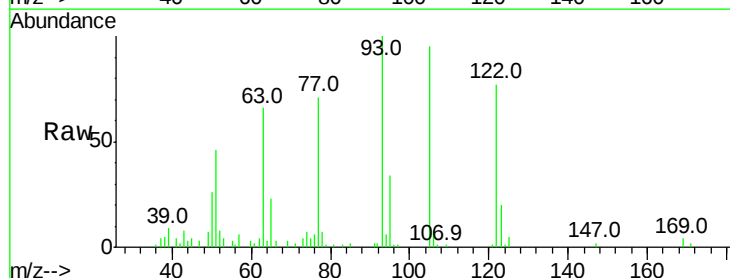
Tgt Ion:122 Resp: 42264

Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

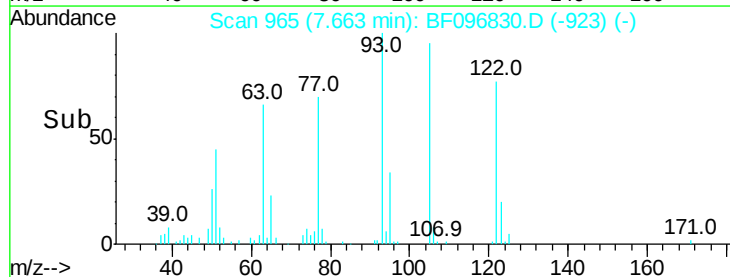
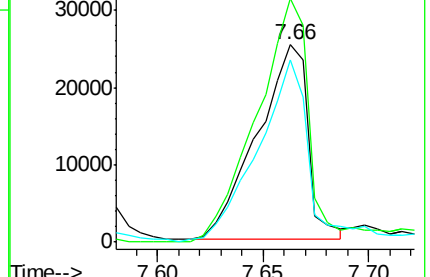
77 92.3 73.7 113.7

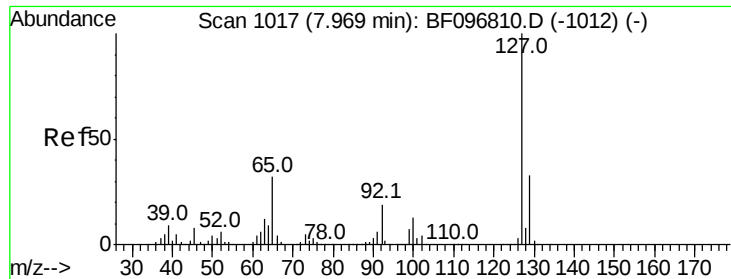


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

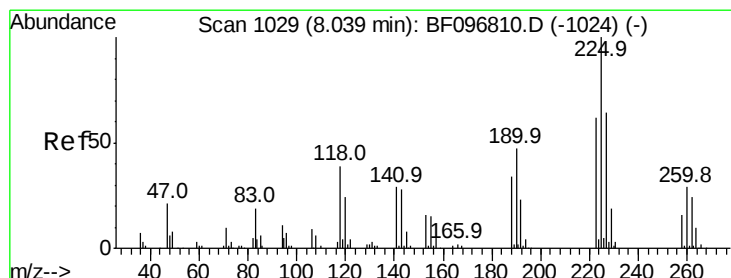
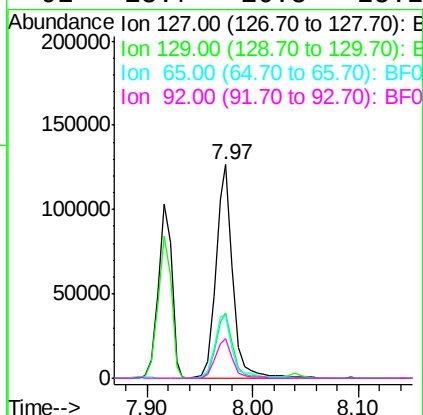
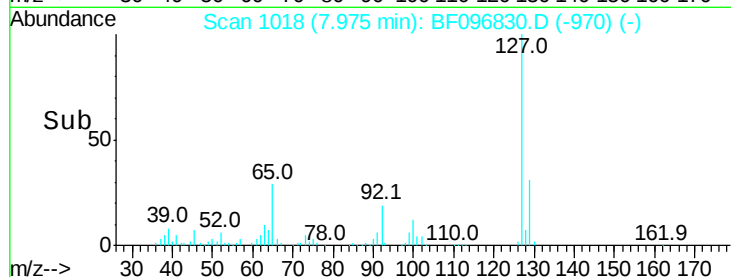
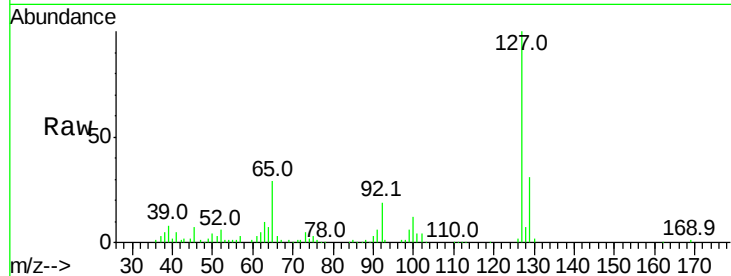




#33
4-Chloroaniline
Concen: 16.714 ng
RT: 7.97 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

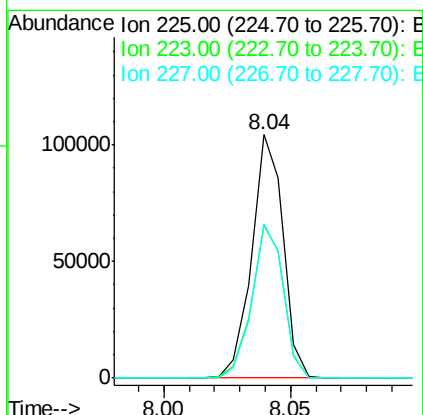
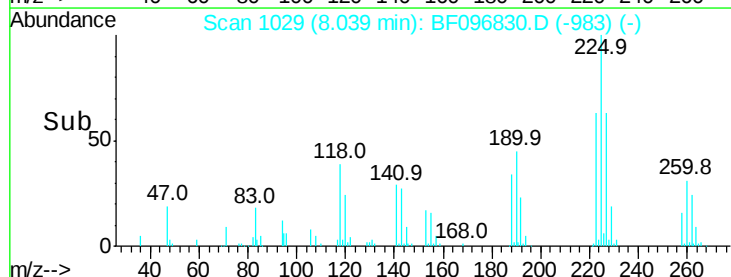
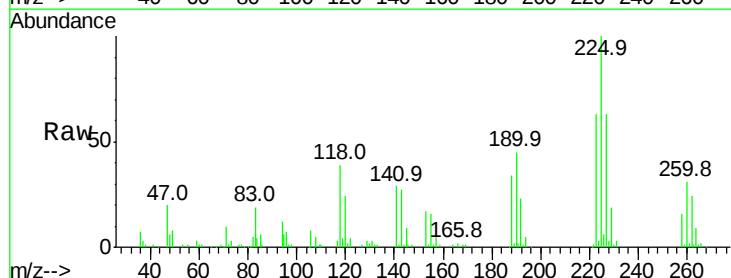
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

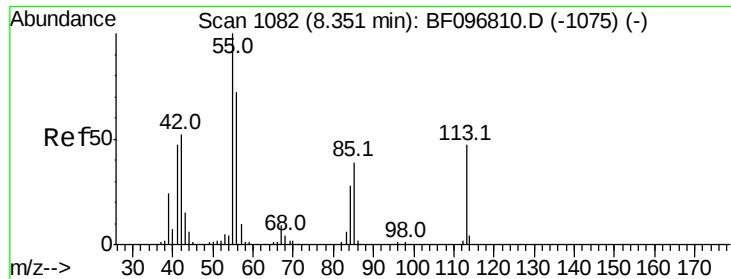
Tot Ion:	127	Resp:	142417
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	29.4	27.8	41.8
92	18.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 28.145 ng
RT: 8.04 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:	225	Resp:	89665
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	63.0	51.1	76.7





#35

Caprolactam

Concen: 21.698 ng

RT: 8.32 min Scan# 1077

Delta R.T. -0.05 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

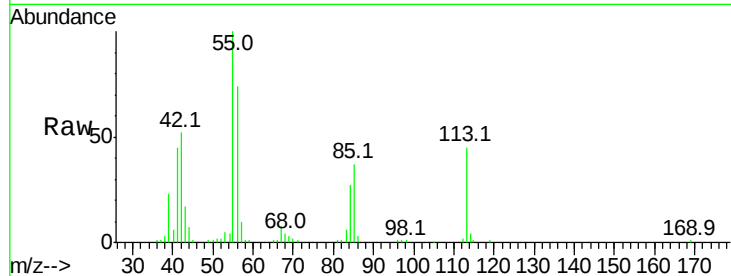
Tot Ion:113 Resp: 43637

Ion Ratio Lower Upper

113 100

55 224.7 150.2 190.2#

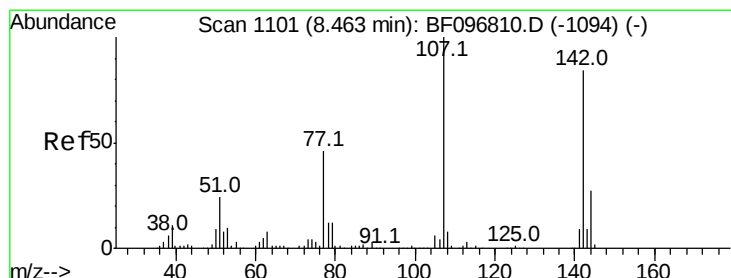
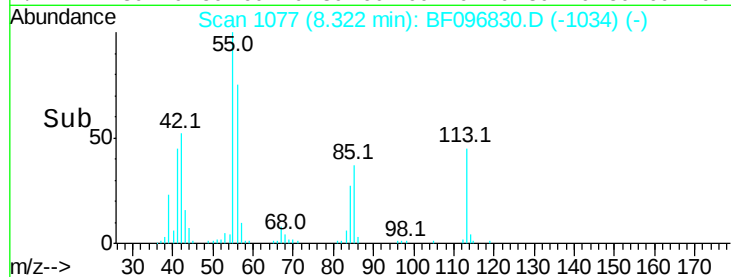
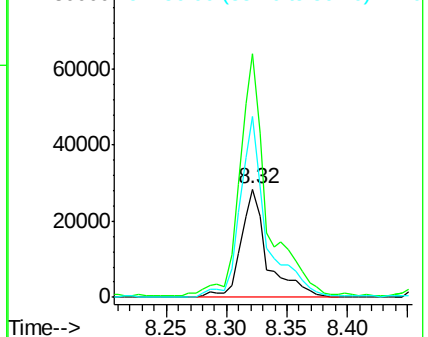
56 166.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 23.935 ng

RT: 8.46 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

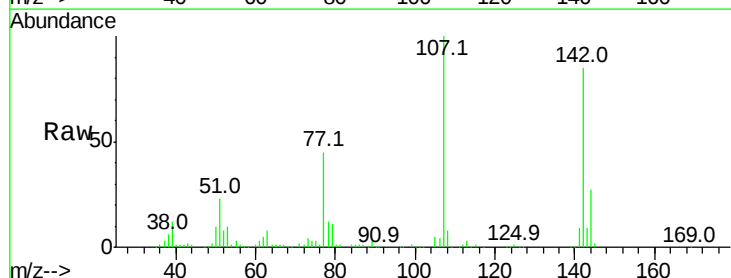
Tgt Ion:107 Resp: 161533

Ion Ratio Lower Upper

107 100

144 27.3 24.2 36.4

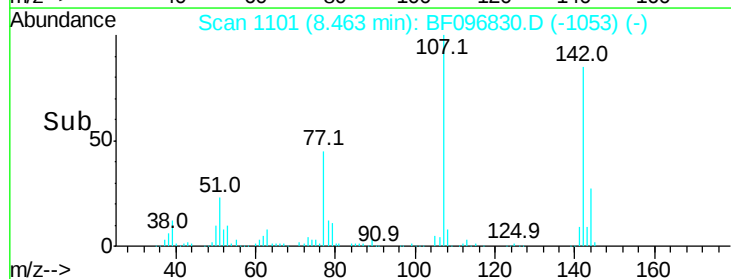
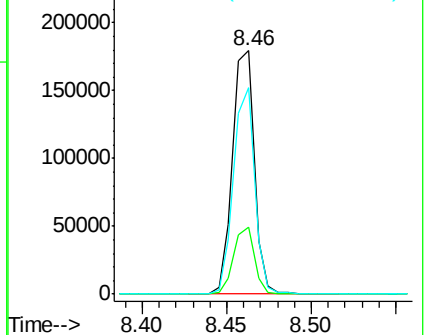
142 85.0 73.4 110.0

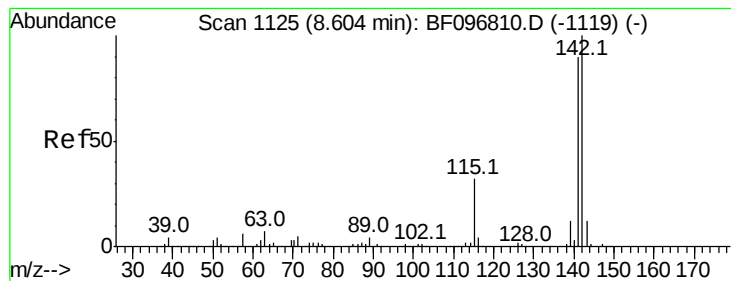


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

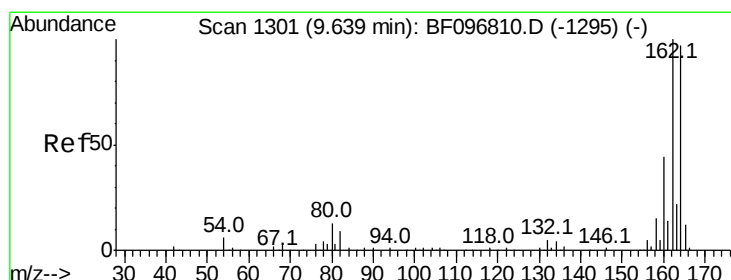
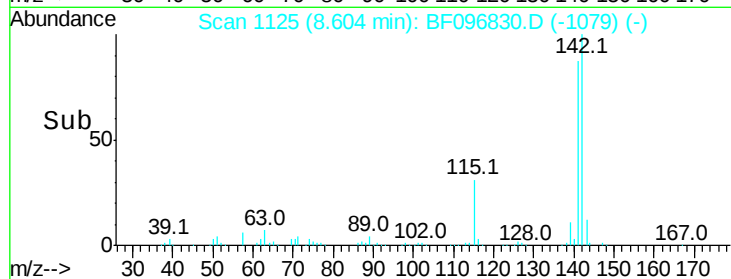
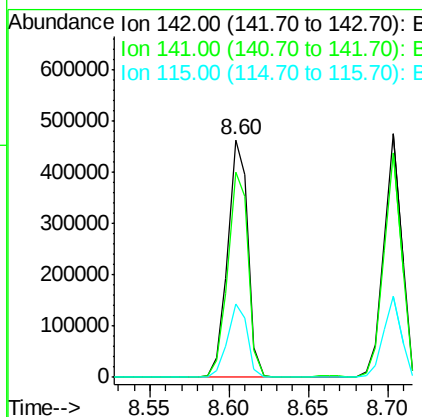
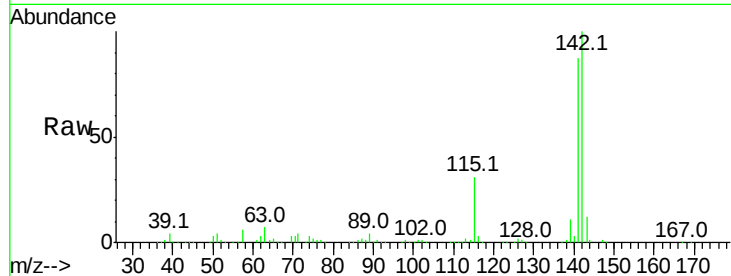




#37
2-Methylnaphthalene
Concen: 29.803 ng
RT: 8.60 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

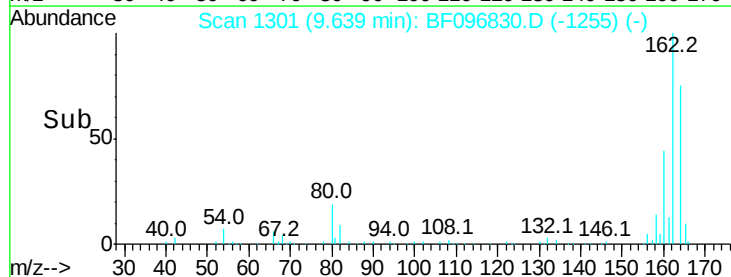
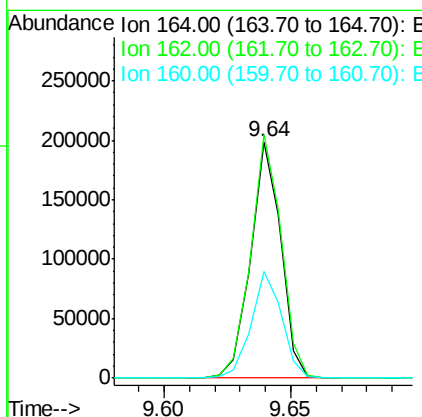
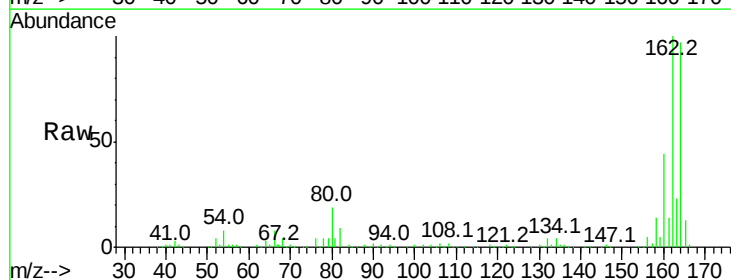
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

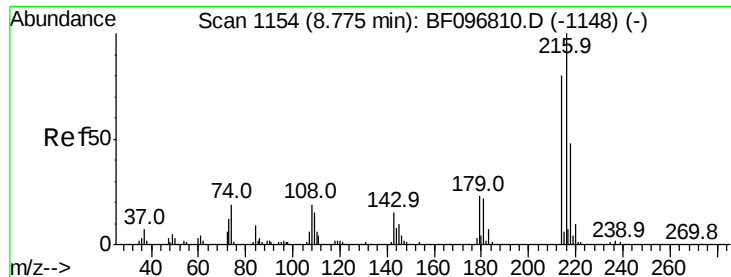
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9
115	31.0	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.0	36.2	54.2

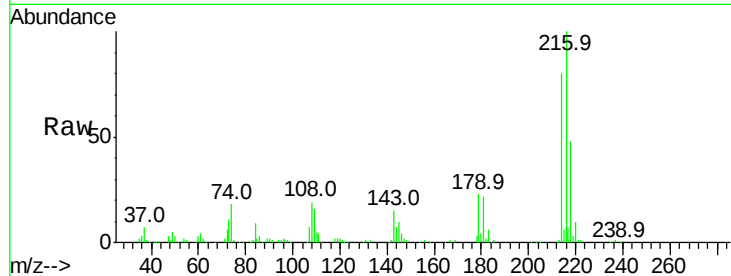




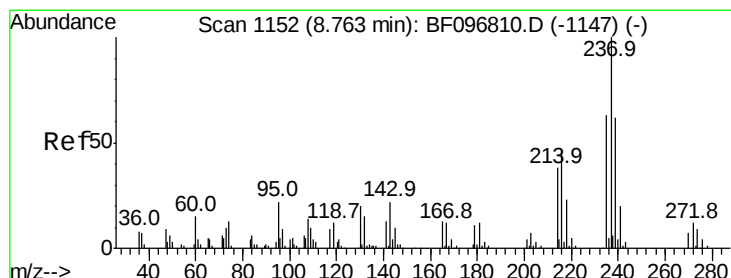
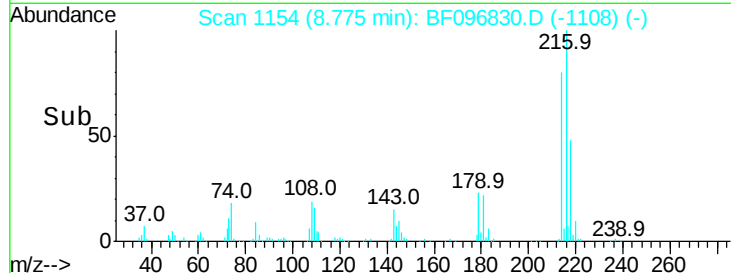
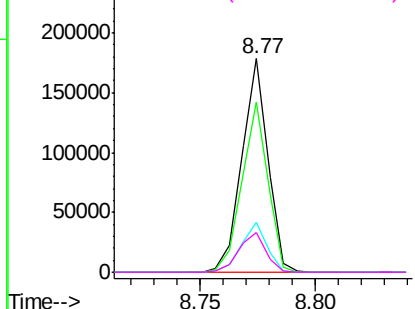
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.549 ng
 RT: 8.77 min Scan# 1154
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Tot Ion:	216	Resp:	140554
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	23.1	17.9	26.9
108	19.7	16.5	24.7

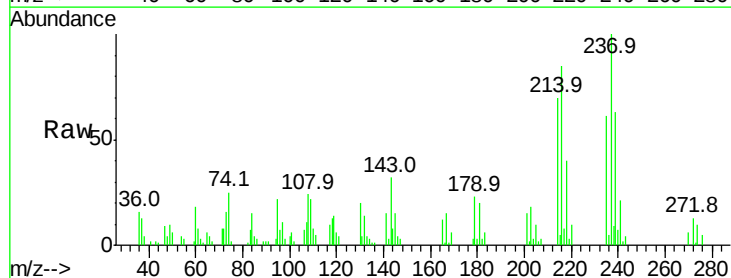


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

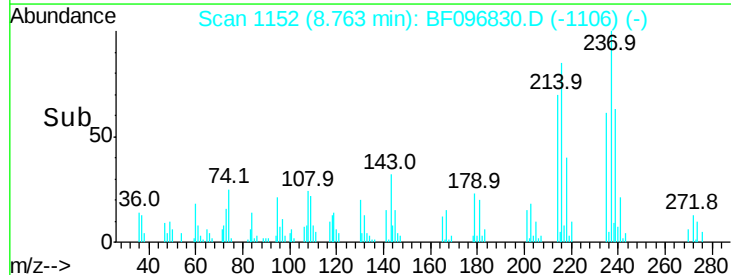
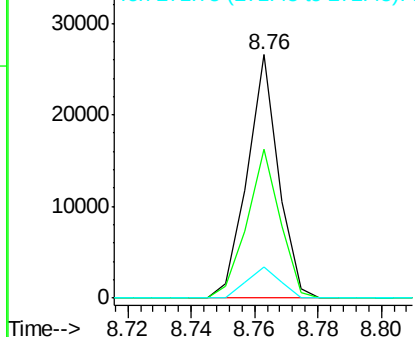


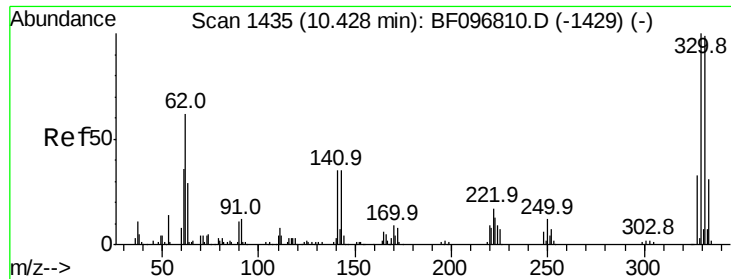
#40
 Hexachlorocyclopentadiene
 Concen: 15.167 ng
 RT: 8.76 min Scan# 1152
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion:	237	Resp:	18197
Ion	Ratio	Lower	Upper
237	100		
235	61.0	42.6	82.6
272	13.0	0.0	31.9



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

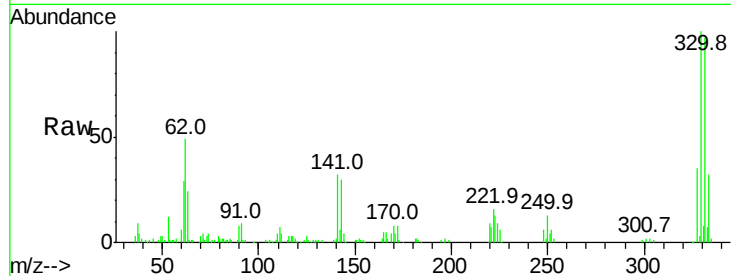




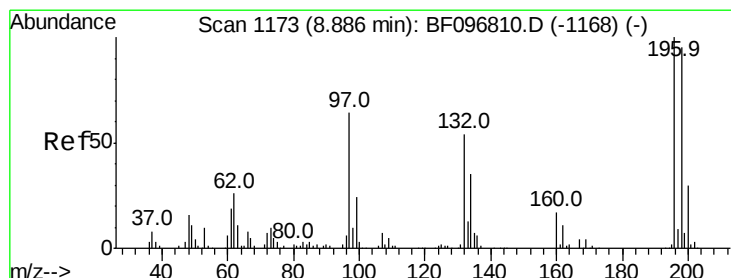
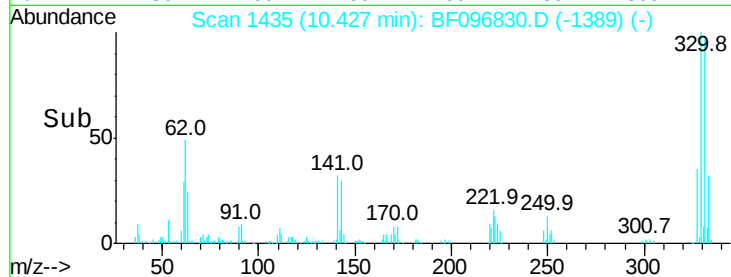
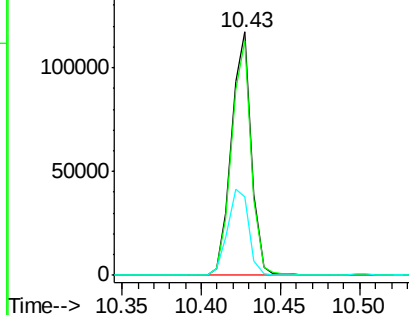
#41
 2,4,6-Tribromophenol
 Concen: 72.838 ng
 RT: 10.43 min Scan# 1435
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Tot Ion:330 Resp: 102467
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.1 31.4 47.2

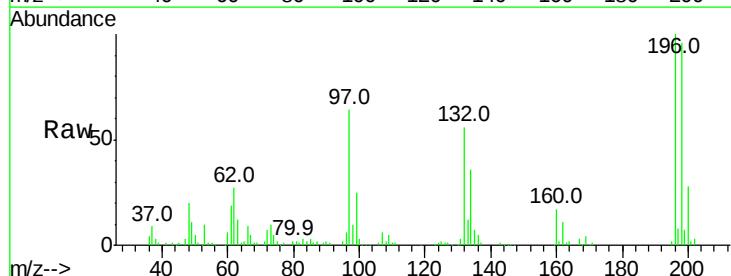


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

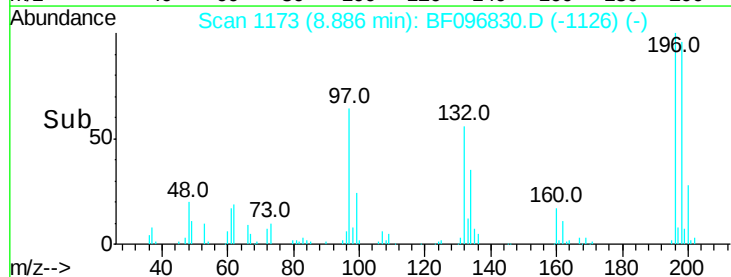
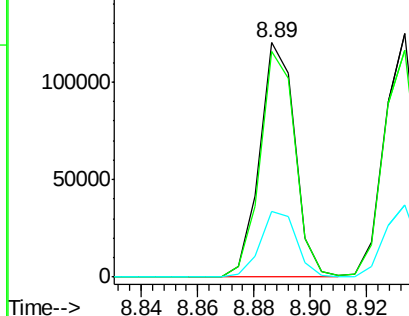


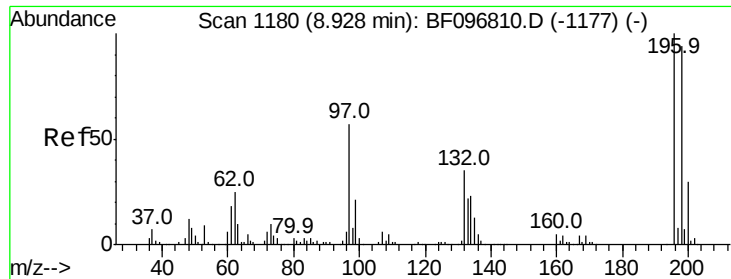
#42
 2,4,6-Trichlorophenol
 Concen: 31.798 ng
 RT: 8.89 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion:196 Resp: 104496
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.4
 200 28.2 24.0 36.0



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

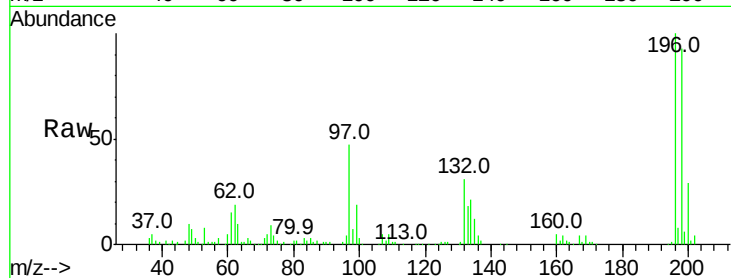




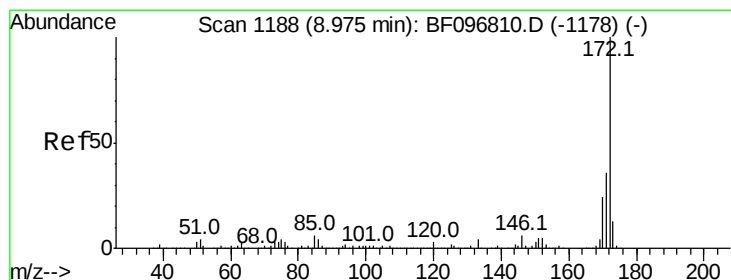
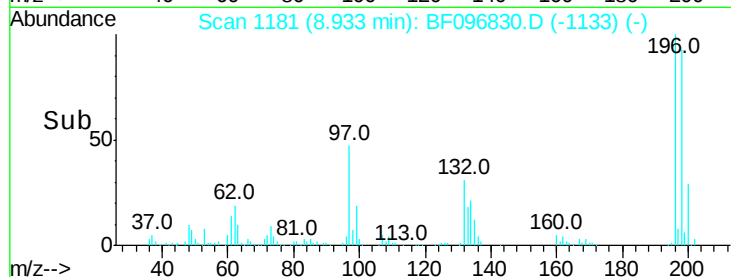
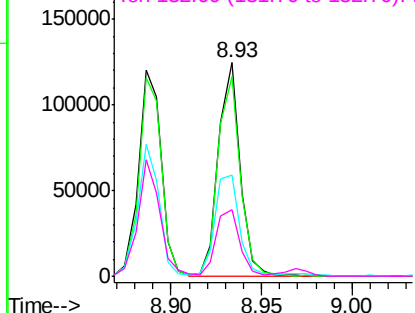
#43
 2,4,5-Trichlorophenol
 Concen: 31.648 ng
 RT: 8.93 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
97	47.1	47.7	71.5#
132	31.1	28.0	42.0

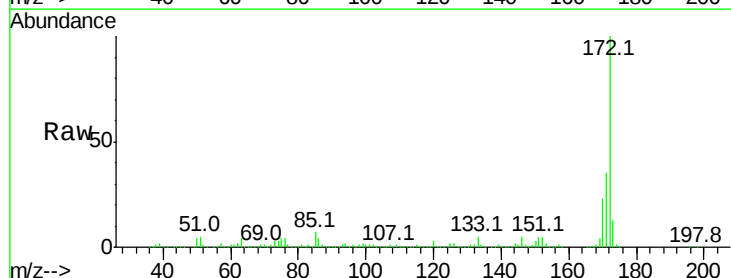


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

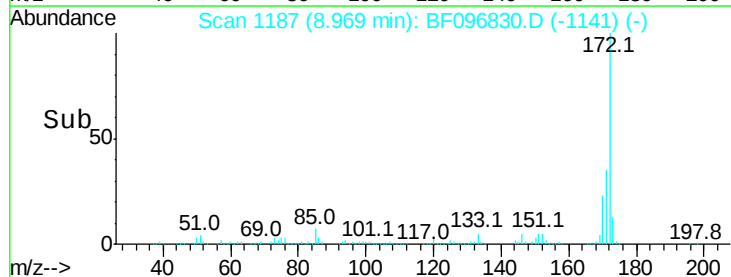
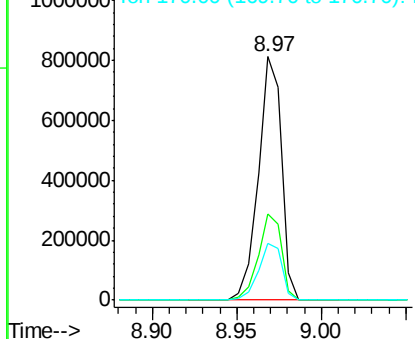


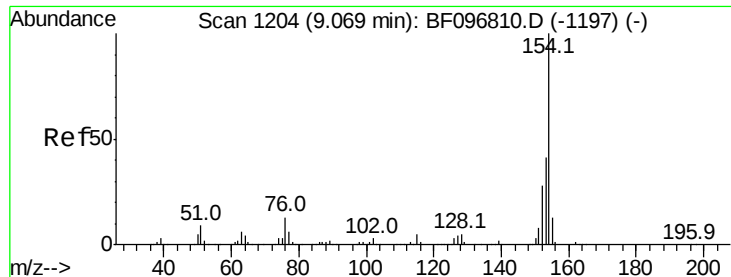
#44
 2-Fluorobiphenyl
 Concen: 73.975 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 32.454 ng

RT: 9.07 min Scan# 1204

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

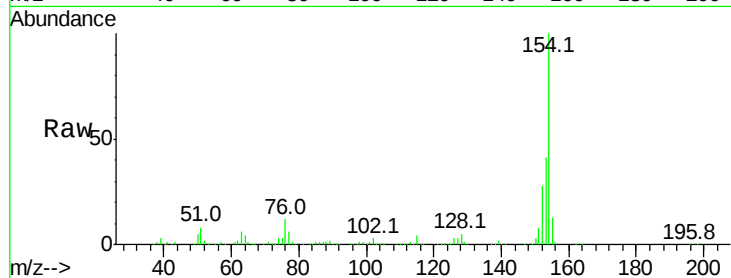
Tot Ion:154 Resp: 458734

Ion Ratio Lower Upper

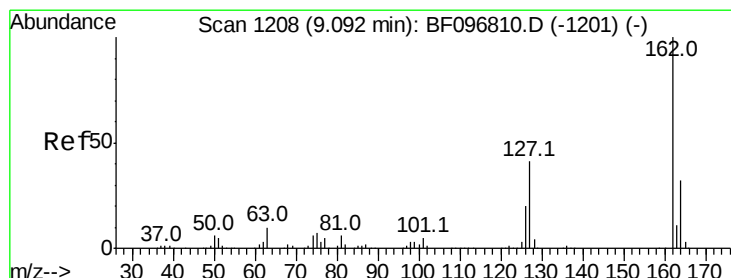
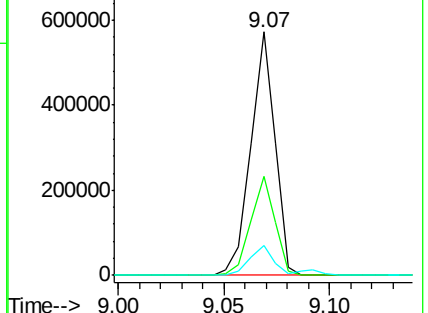
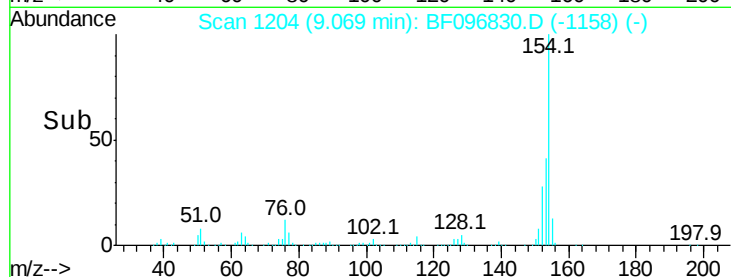
154 100

153 40.8 21.2 61.2

76 12.0 0.0 29.9



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): BFO



#46

2-Chloronaphthalene

Concen: 33.852 ng

RT: 9.09 min Scan# 1208

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

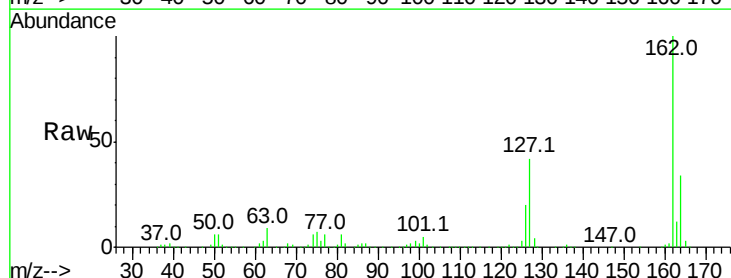
Tgt Ion:162 Resp: 352334

Ion Ratio Lower Upper

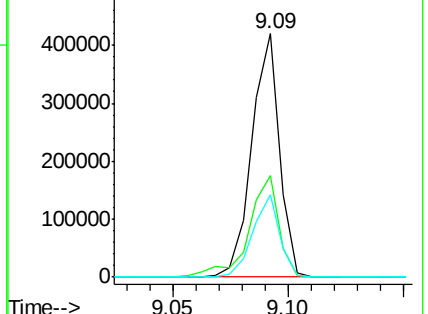
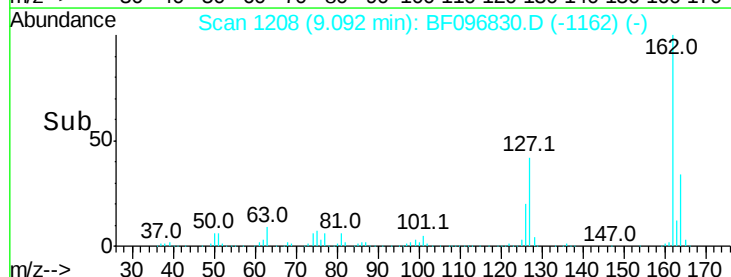
162 100

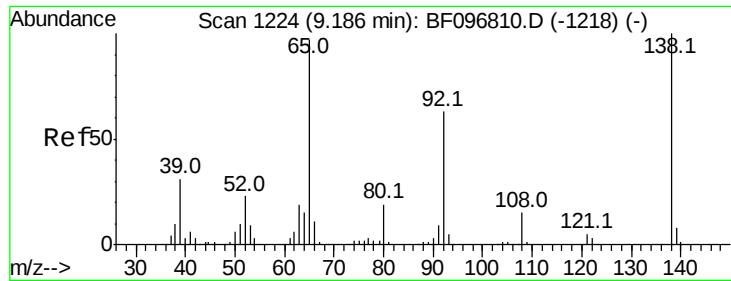
127 41.7 28.3 42.5

164 34.0 27.0 40.4



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

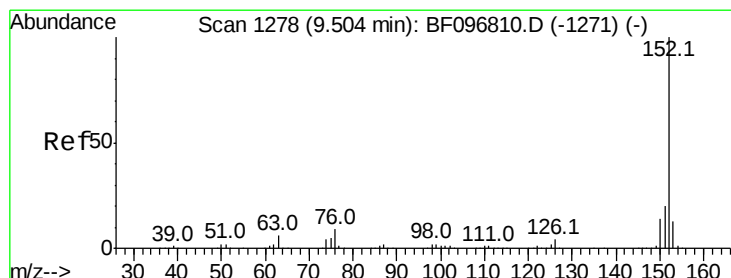
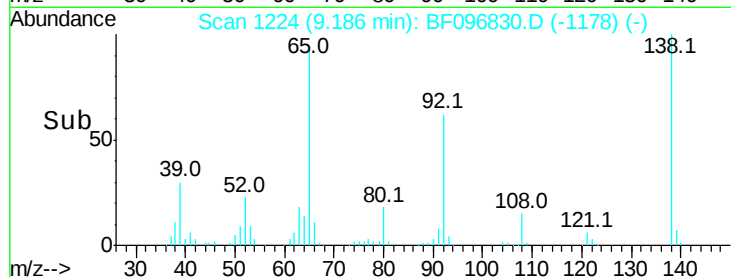
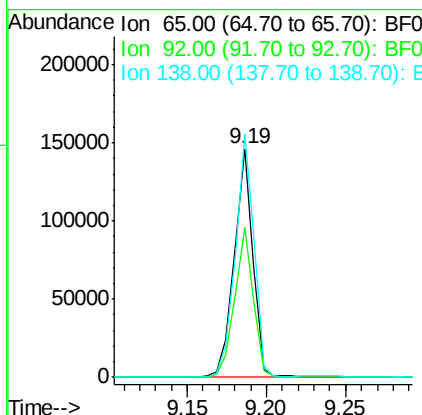
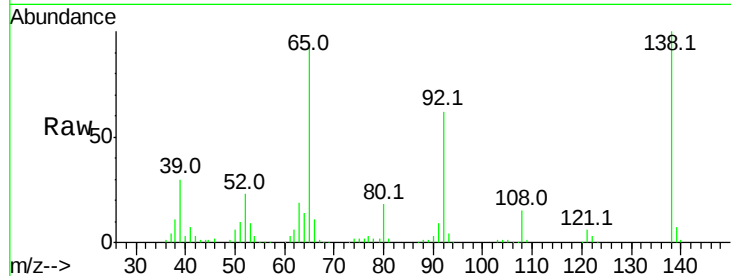




#47
 2-Nitroaniline
 Concen: 33.509 ng
 RT: 9.19 min Scan# 1224
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

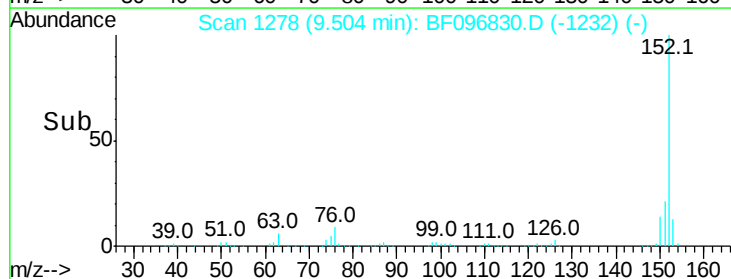
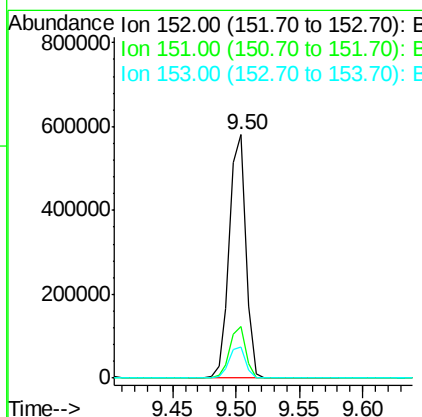
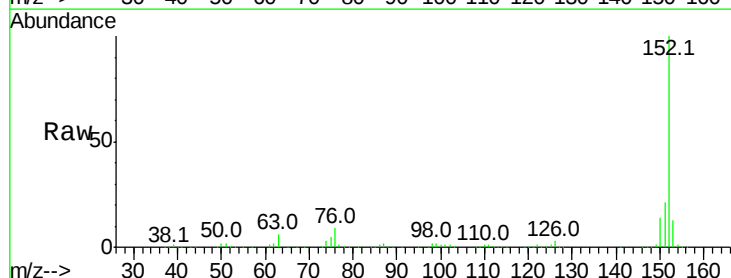
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

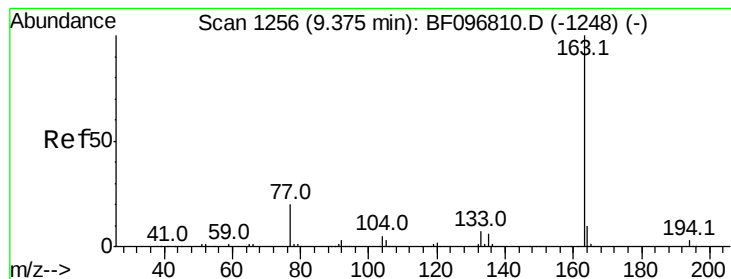
Tot Ion: 65 Resp: 119883
 Ion Ratio Lower Upper
 65 100
 92 65.9 53.9 80.9
 138 106.5 78.8 118.2



#48
 Acenaphthylene
 Concen: 31.592 ng
 RT: 9.50 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion: 152 Resp: 523908
 Ion Ratio Lower Upper
 152 100
 151 21.3 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 36.765 ng

RT: 9.37 min Scan# 1256

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

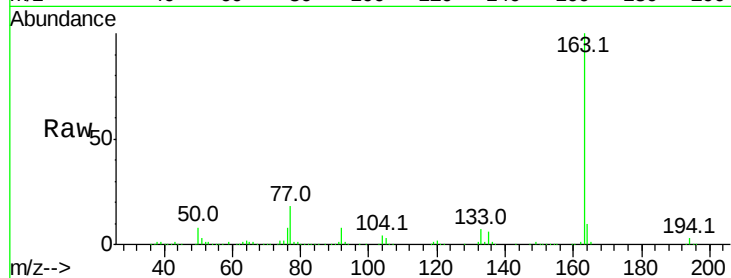
Tot Ion:163 Resp: 456232

Ion Ratio Lower Upper

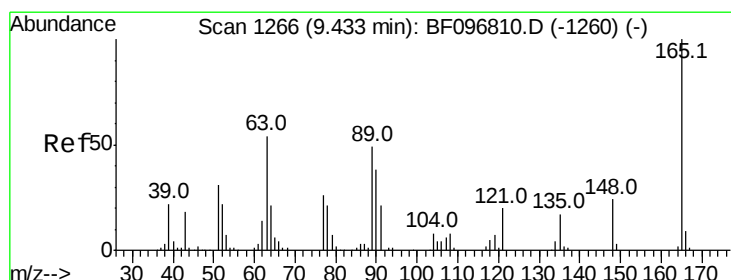
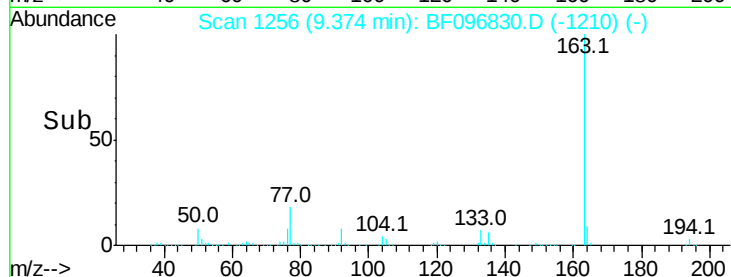
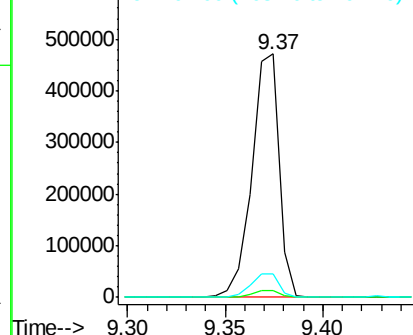
163 100

194 3.0 2.6 4.0

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 30.152 ng

RT: 9.43 min Scan# 1265

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

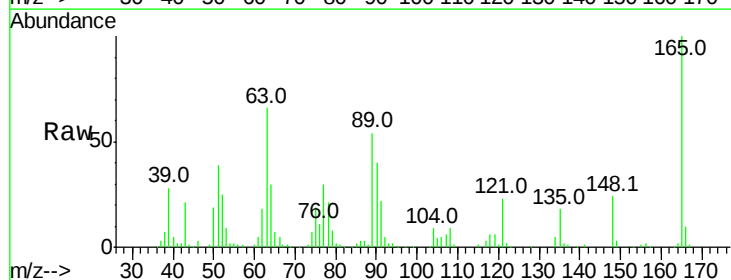
Tgt Ion:165 Resp: 81045

Ion Ratio Lower Upper

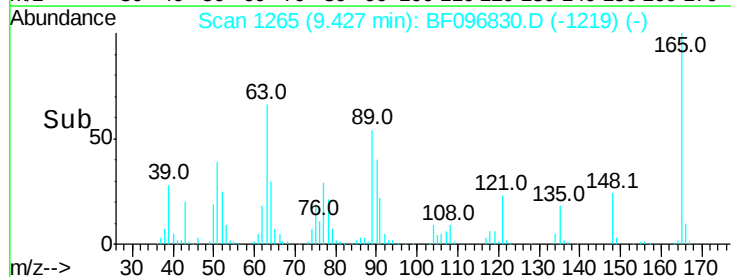
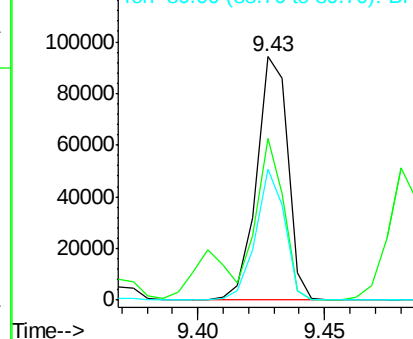
165 100

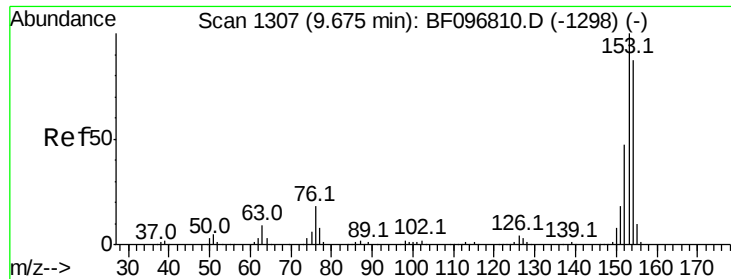
63 66.4 34.3 51.5#

89 53.8 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 30.812 ng

RT: 9.67 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

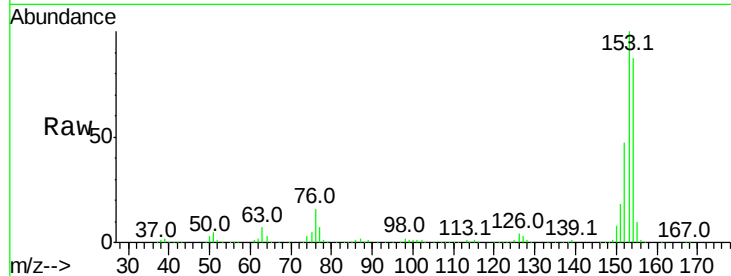
Tot Ion:154 Resp: 301849

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

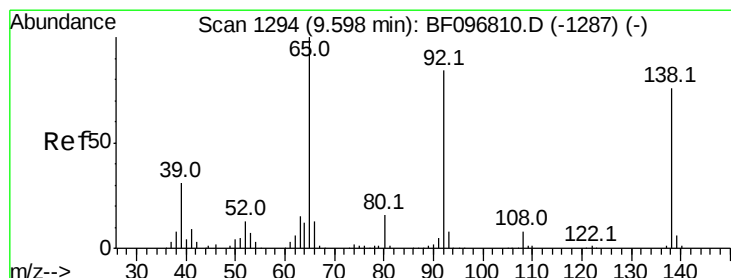
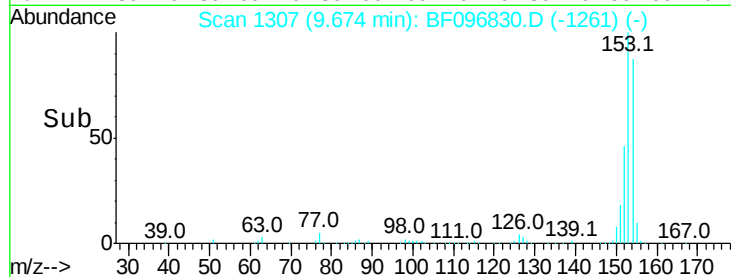
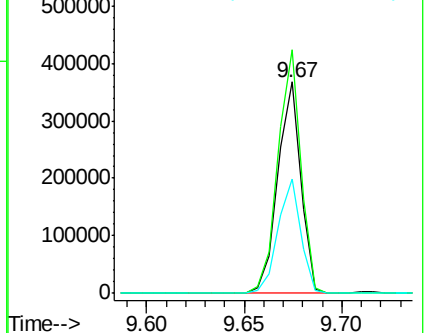
152 53.9 43.6 65.4



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



#52

3-Nitroaniline

Concen: 25.321 ng

RT: 9.59 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

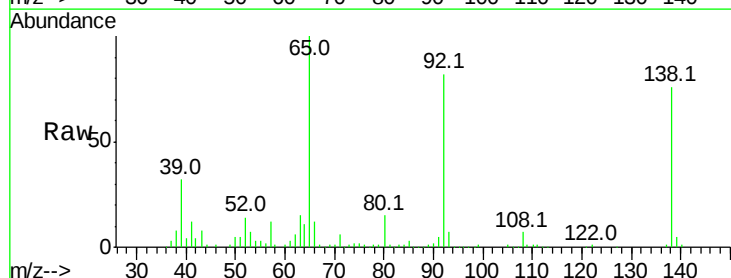
Tgt Ion:138 Resp: 80629

Ion Ratio Lower Upper

138 100

108 9.4 9.1 13.7

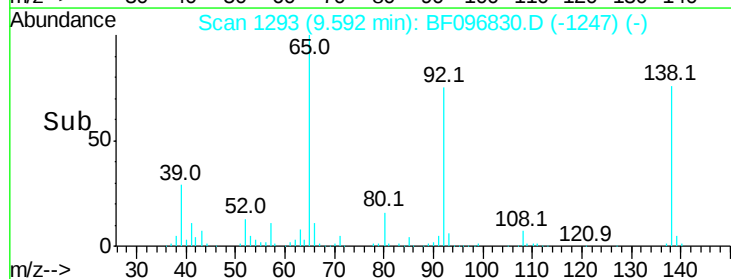
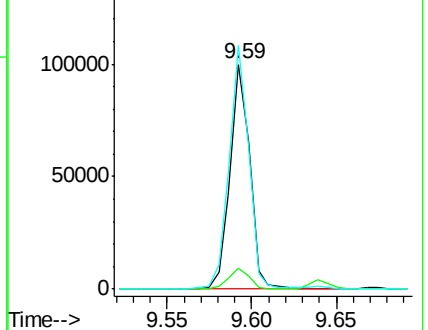
92 108.5 93.8 140.6

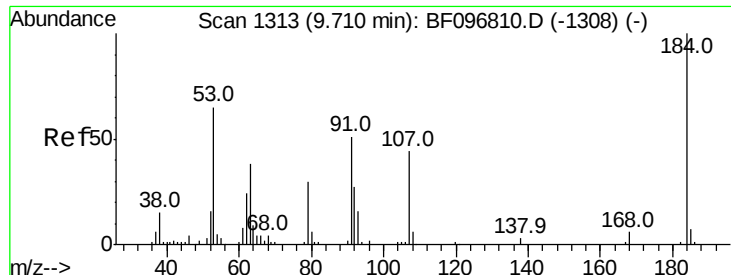


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

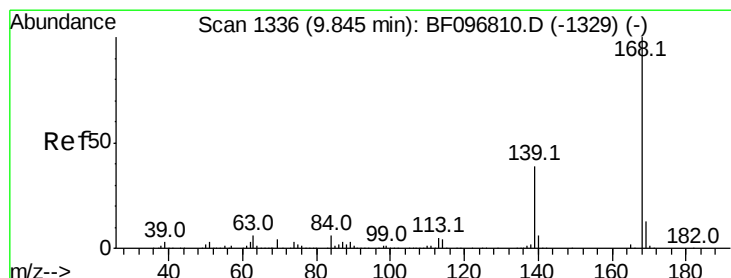
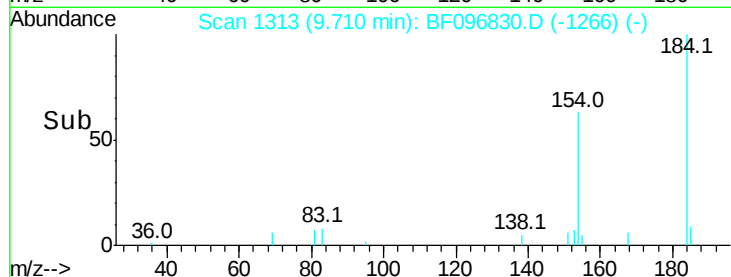
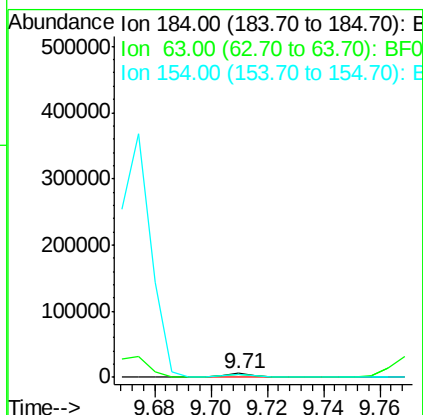
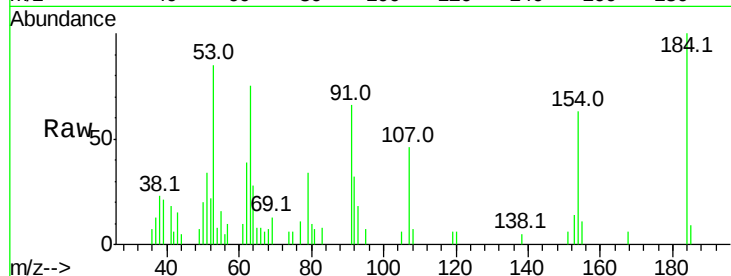




#53
 2,4-Dinitrophenol
 Concen: 10.508 ng
 RT: 9.71 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

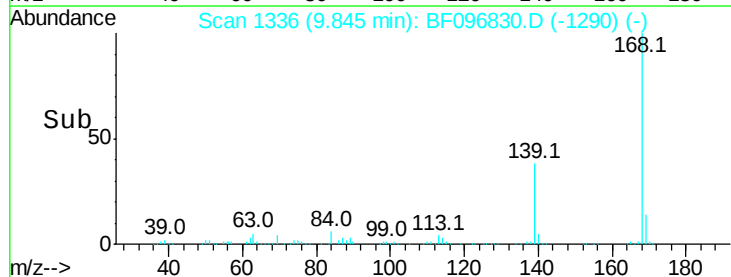
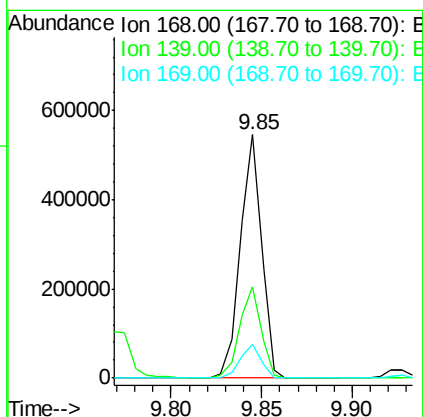
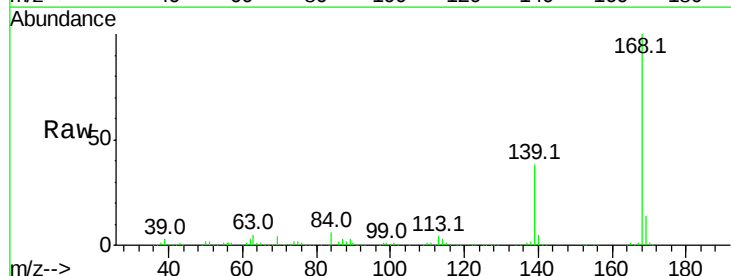
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

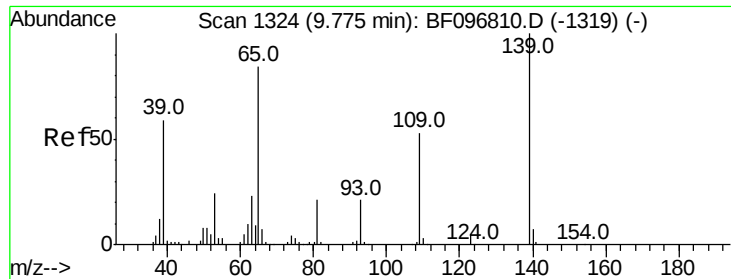
Tot Ion:184 Resp: 5475
 Ion Ratio Lower Upper
 184 100
 63 75.1 62.7 94.1
 154 62.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 32.435 ng
 RT: 9.85 min Scan# 1336
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion:168 Resp: 445281
 Ion Ratio Lower Upper
 168 100
 139 37.6 30.6 45.8
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 44.493 ng

RT: 9.77 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

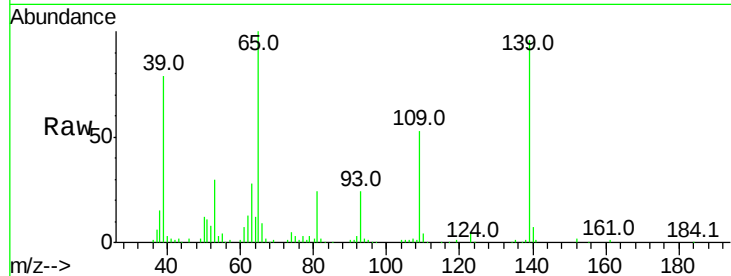
Tot Ion:139 Resp: 103504

Ion Ratio Lower Upper

139 100

109 55.2 34.1 74.1

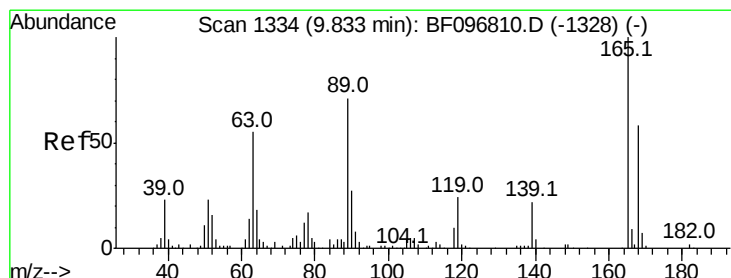
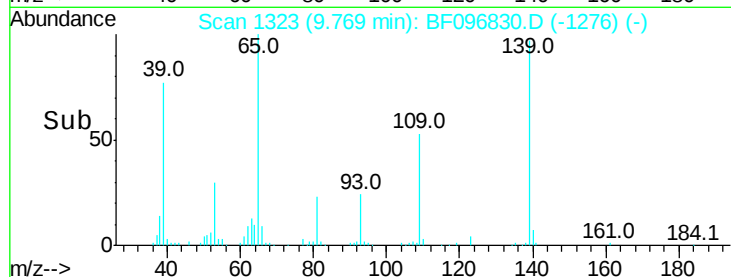
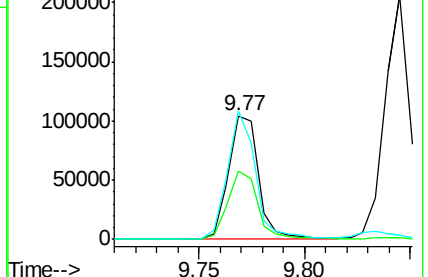
65 104.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 26.848 ng

RT: 9.83 min Scan# 1334

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Tgt Ion:165 Resp: 92731

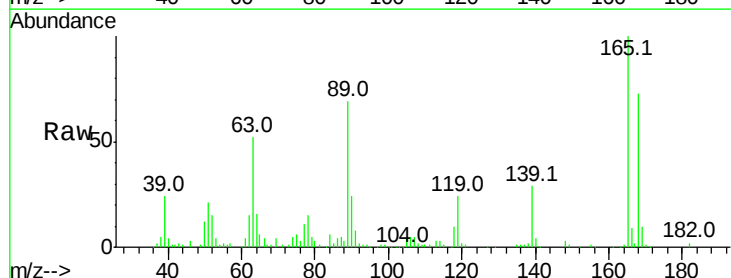
Ion Ratio Lower Upper

165 100

63 51.5 25.4 38.0#

89 69.1 46.4 69.6

182 1.9 1.8 2.6

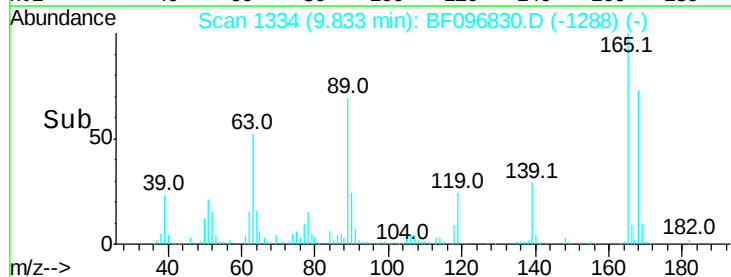
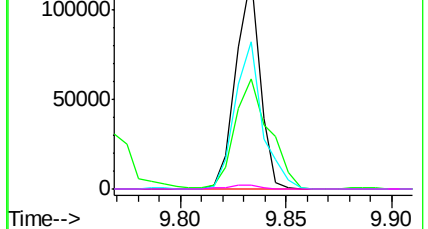


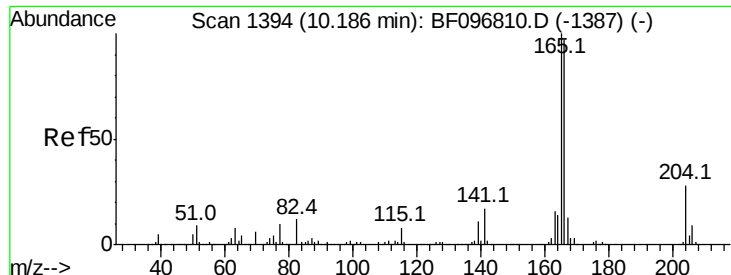
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

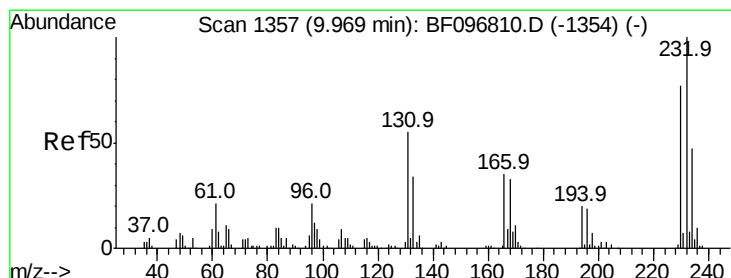
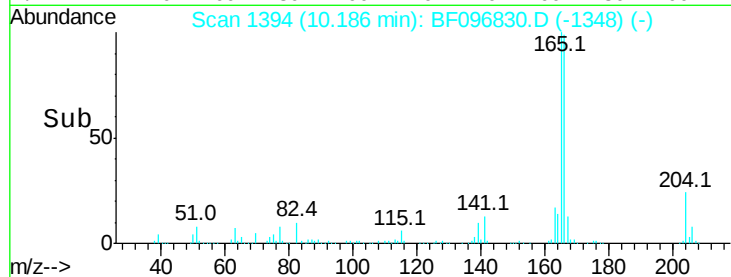
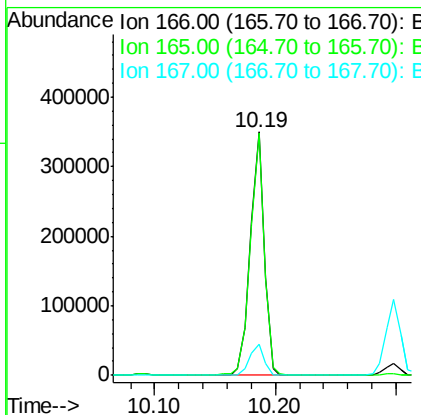
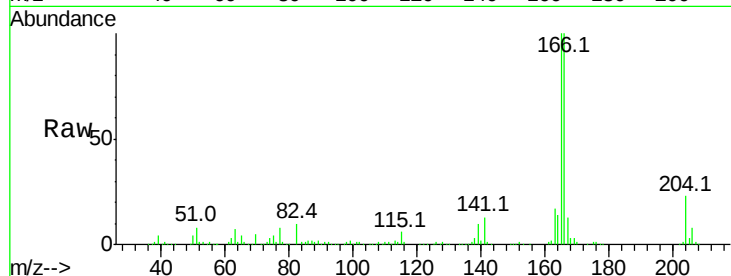




#57
Fluorene
 Concen: 28.140 ng
 RT: 10.19 min Scan# 1394
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

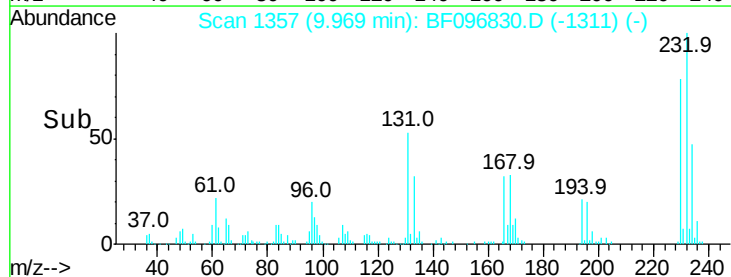
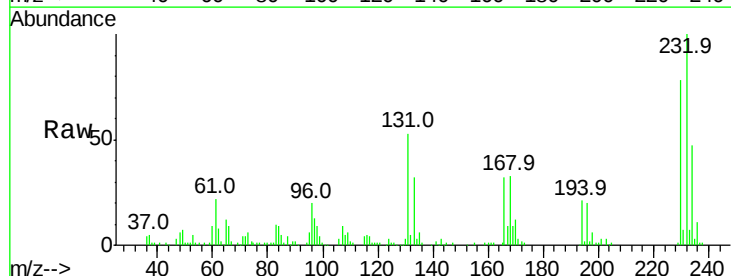
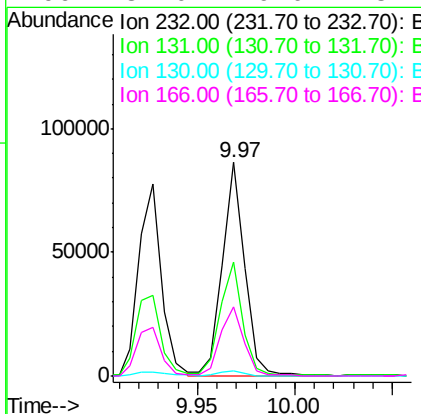
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

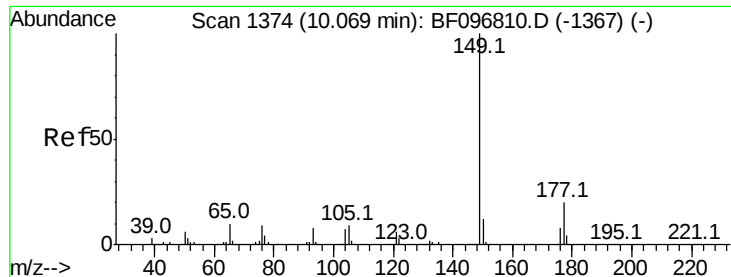
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.0	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.187 ng
 RT: 9.97 min Scan# 1357
 Delta R.T. -0.03 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.6	44.8	67.2
130	2.7	2.3	3.5
166	34.0	29.0	43.4

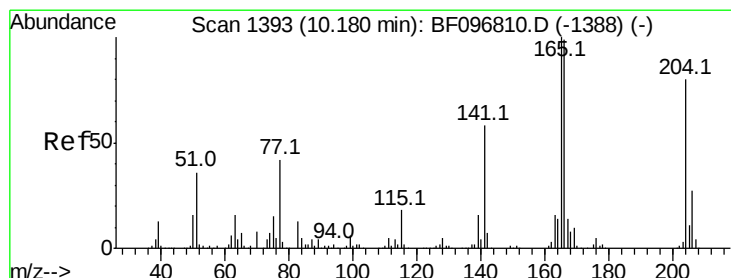
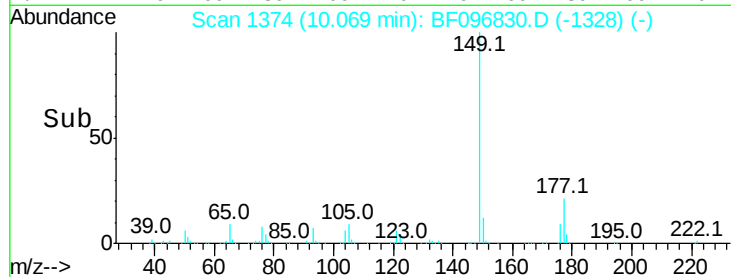
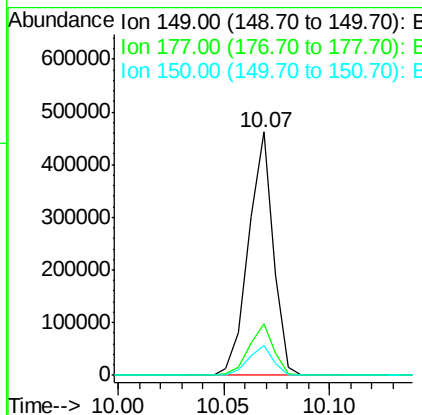
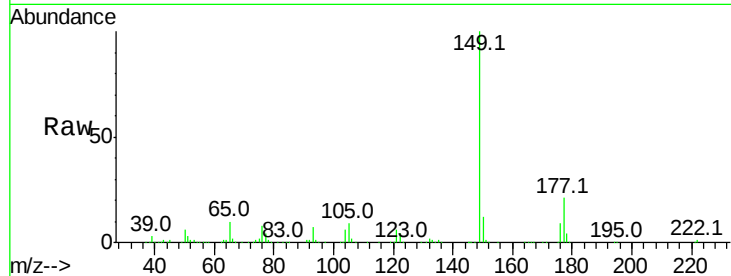




#59
Diethylphthalate
Concen: 31.115 ng
RT: 10.07 min Scan# 1374
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

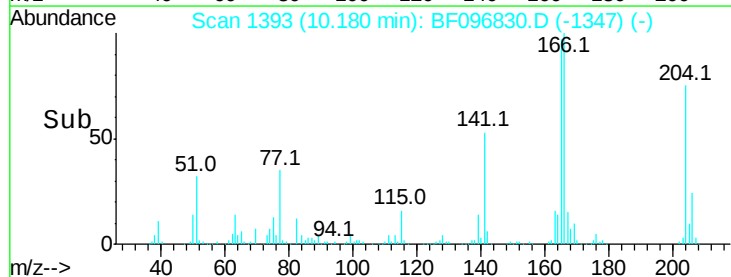
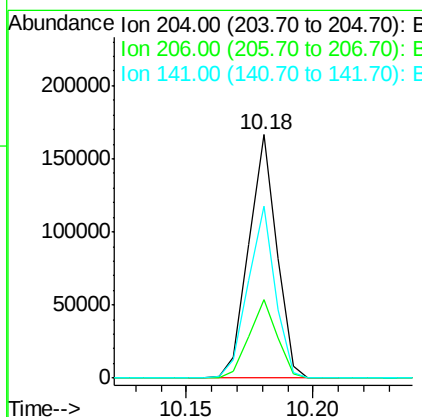
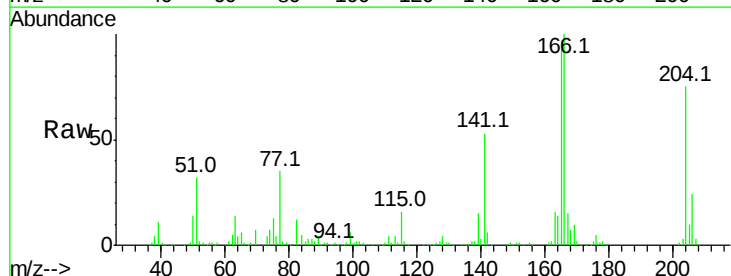
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

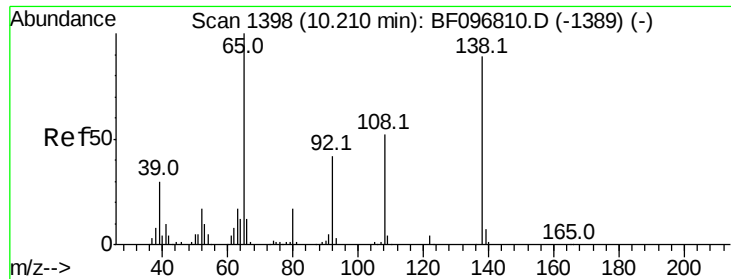
Tot Ion:149 Resp: 375886
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 27.436 ng
RT: 10.18 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:204 Resp: 128032
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 70.6 60.8 91.2

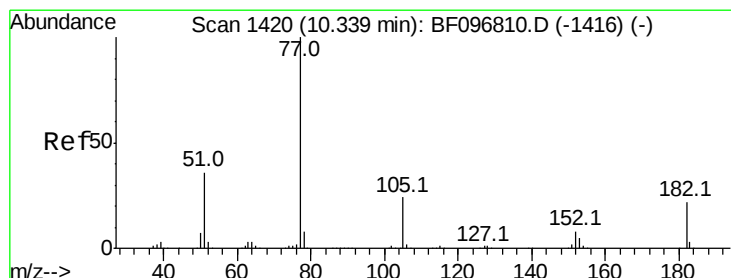
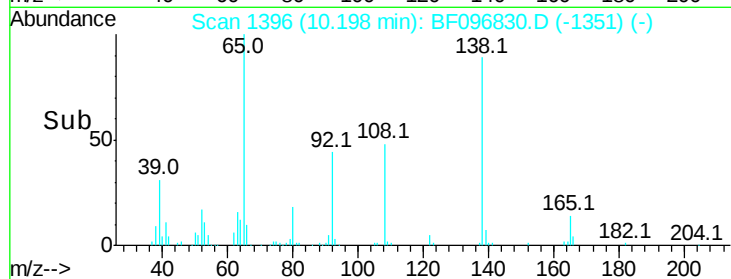
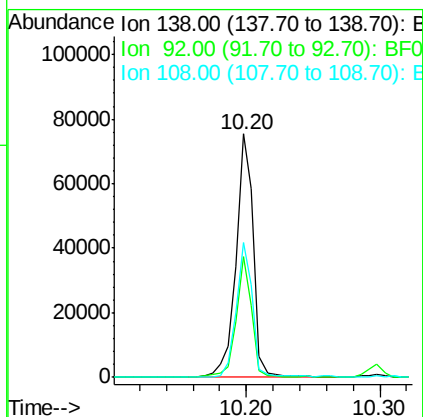
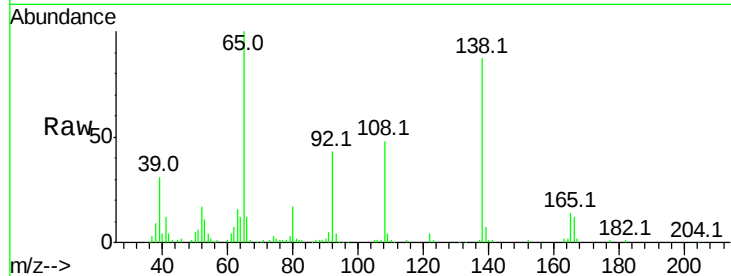




#61
4-Nitroaniline
Concen: 23.036 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

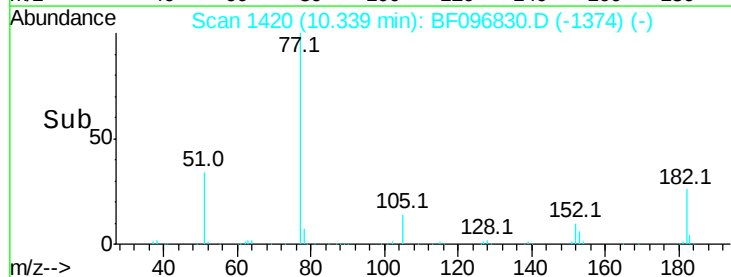
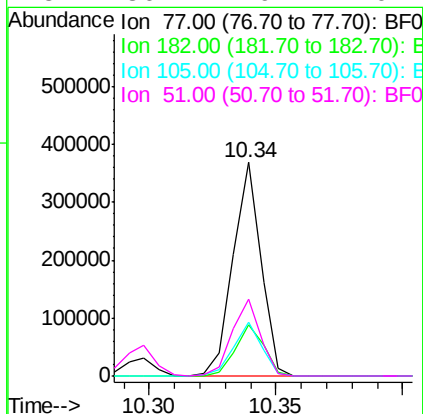
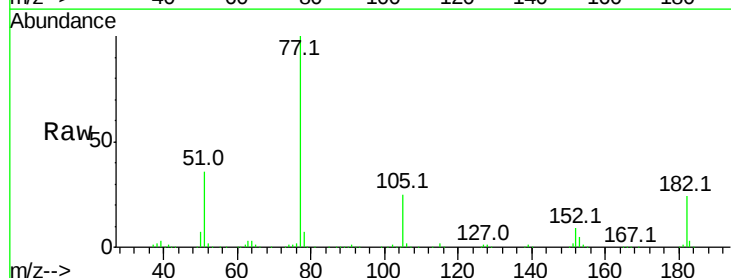
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

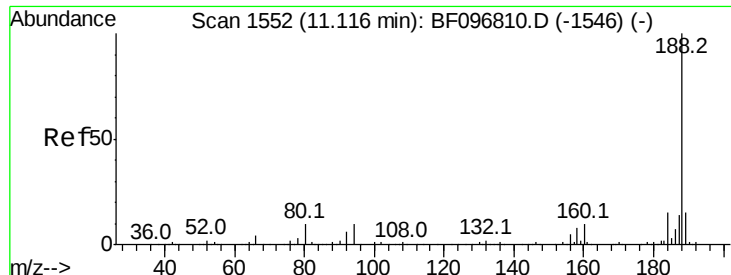
Tot Ion:138 Resp: 68880
Ion Ratio Lower Upper
138 100
92 49.8 21.8 61.8
108 55.3 42.3 82.3



#62
Azobenzene
Concen: 26.406 ng
RT: 10.34 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion: 77 Resp: 281423
Ion Ratio Lower Upper
77 100
182 24.3 0.1 40.1
105 25.0 3.6 43.6
51 36.1 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1552

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

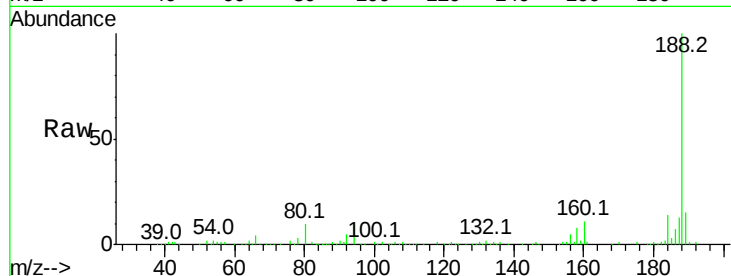
Tot Ion:188 Resp: 196727

Ion Ratio Lower Upper

188 100

94 9.1 9.4 14.2#

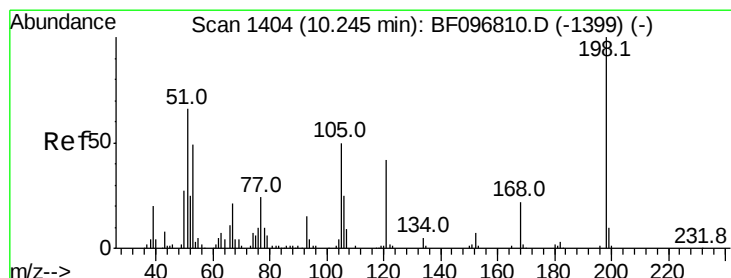
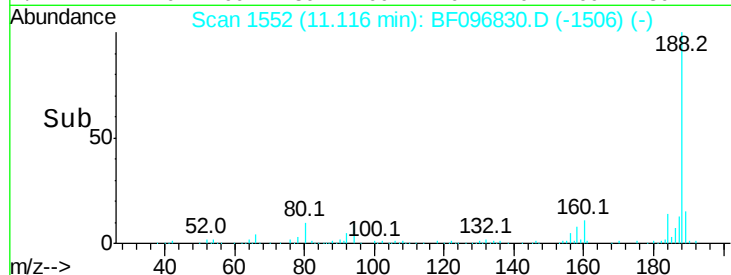
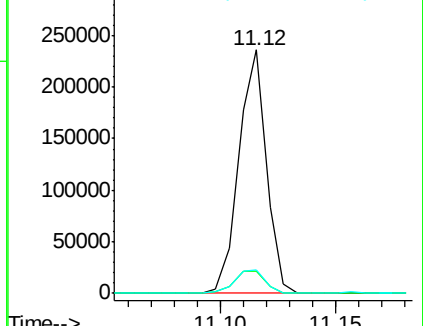
80 9.7 10.2 15.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 4.516 ng

RT: 10.25 min Scan# 1404

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

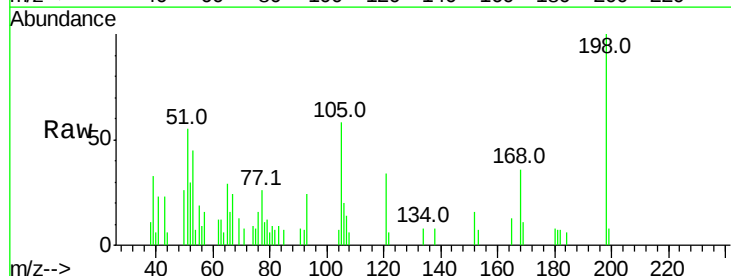
Tgt Ion:198 Resp: 5578

Ion Ratio Lower Upper

198 100

51 55.2 53.2 93.2

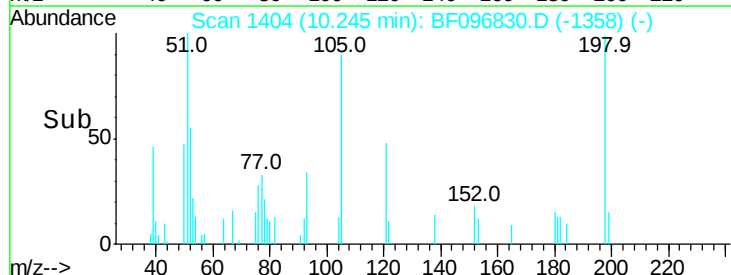
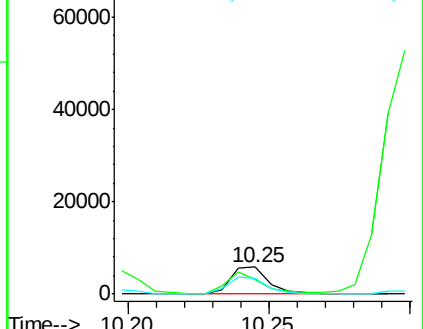
105 57.5 45.8 85.8

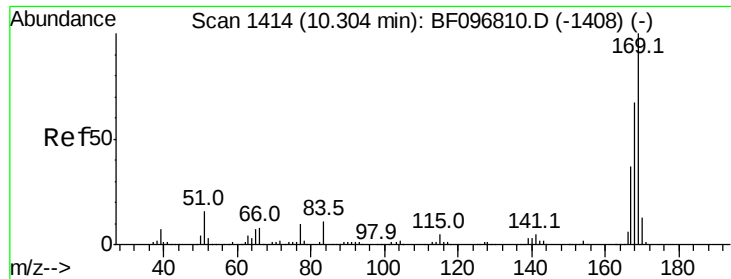


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.571 ng

RT: 10.30 min Scan# 1413

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

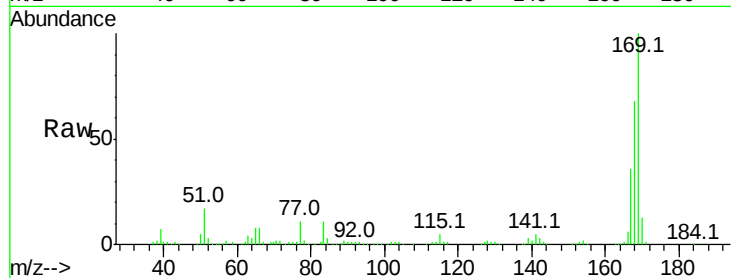
Tot Ion:169 Resp: 250142

Ion Ratio Lower Upper

169 100

168 67.9 53.2 79.8

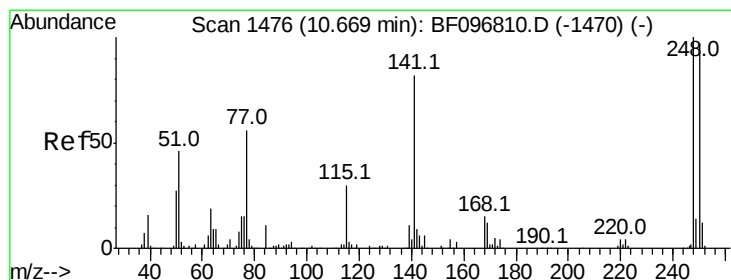
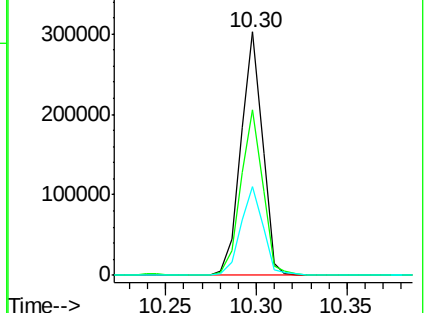
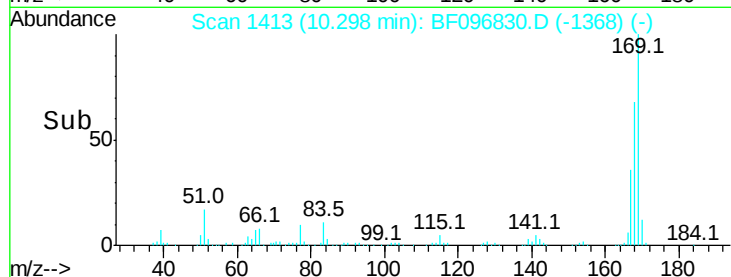
167 36.3 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 35.564 ng

RT: 10.67 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

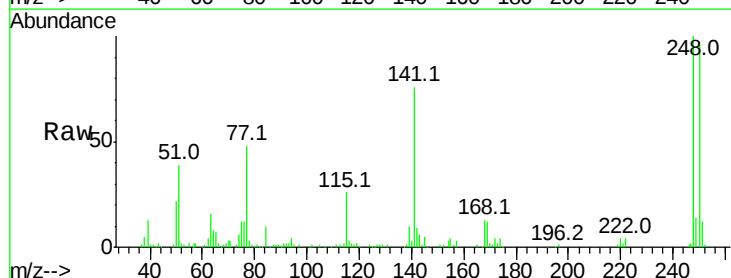
Tgt Ion:248 Resp: 71431

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

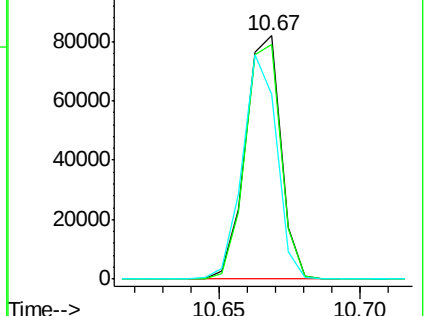
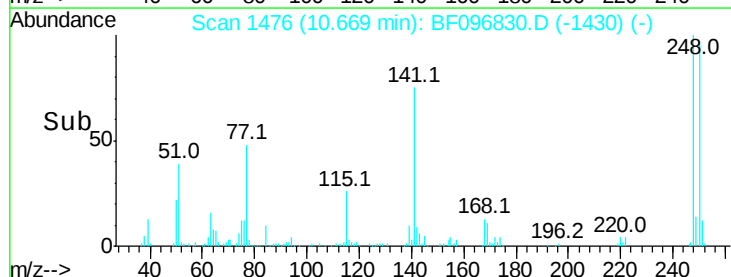
141 75.8 68.6 103.0

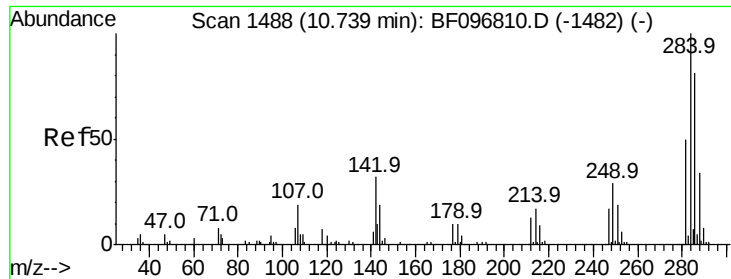


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

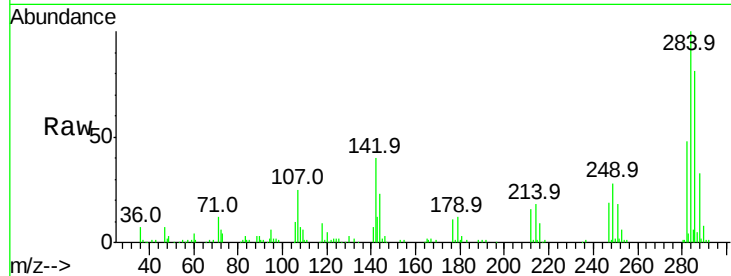




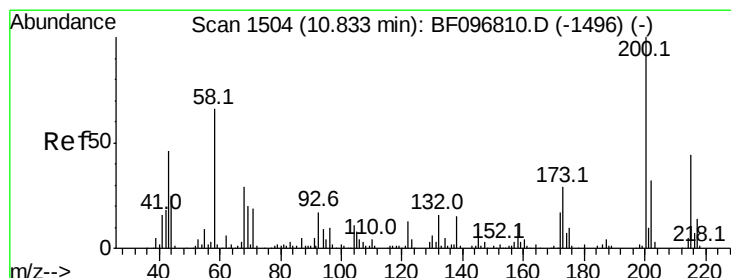
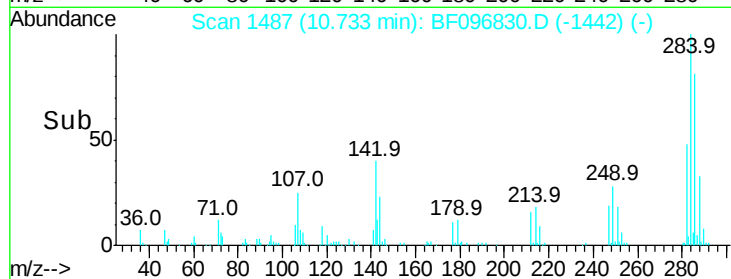
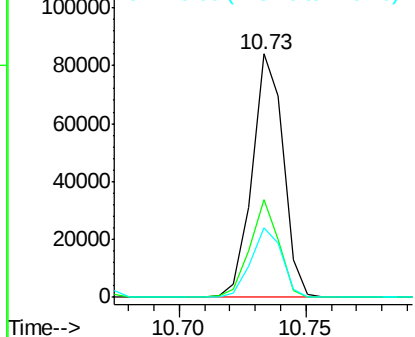
#67
Hexachlorobenzene
Concen: 32.104 ng
RT: 10.73 min Scan# 1487
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

Tot Ion:284 Resp: 71817
Ion Ratio Lower Upper
284 100
142 39.9 22.8 34.2#
249 28.3 24.0 36.0

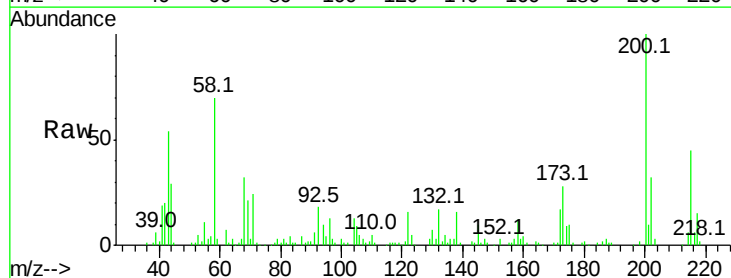


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

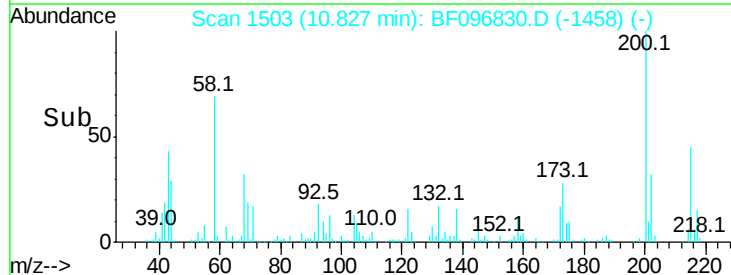
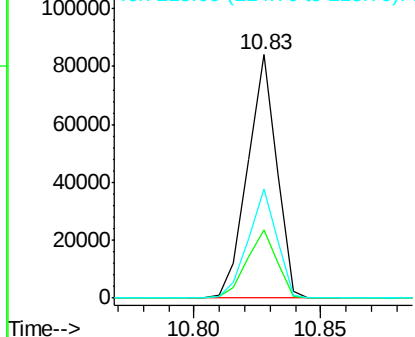


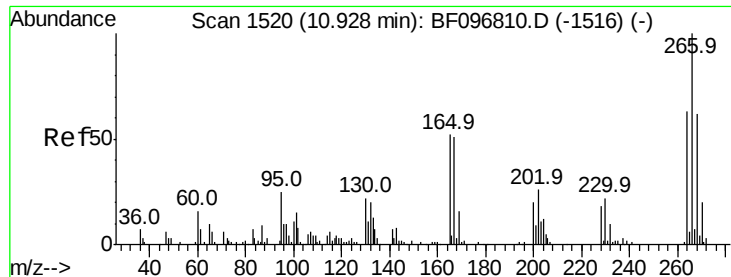
#68
Atrazine
Concen: 33.590 ng
RT: 10.83 min Scan# 1503
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:200 Resp: 67297
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 44.8 27.2 67.2



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

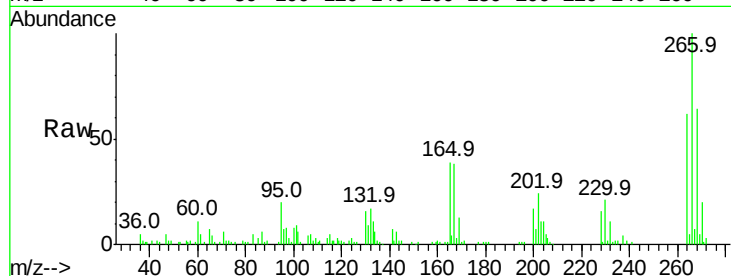




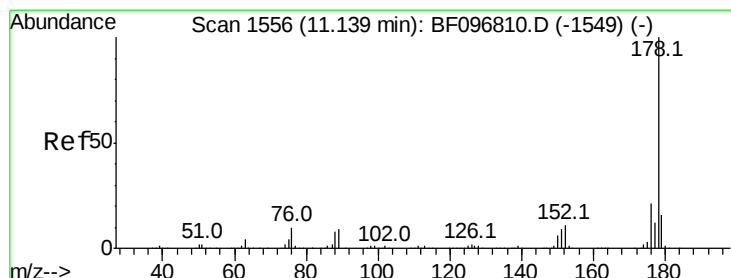
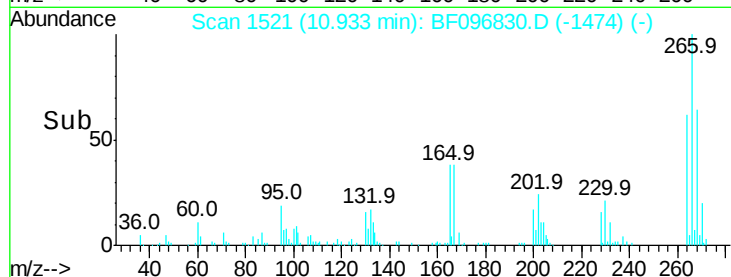
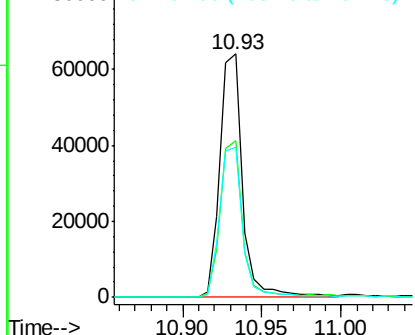
#69
 Pentachlorophenol
 Concen: 59.007 ng
 RT: 10.93 min Scan# 1521
 Delta R.T. -0.02 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB04AMSD

Tot Ion:266 Resp: 63768
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 61.8 51.7 77.5

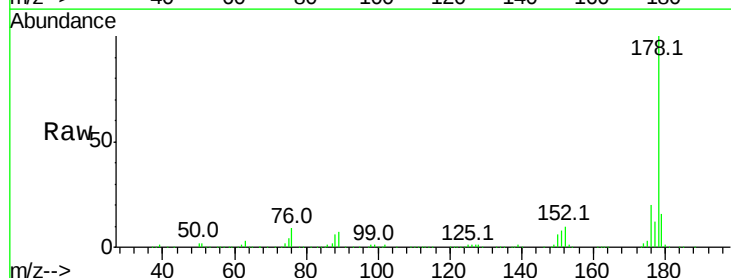


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

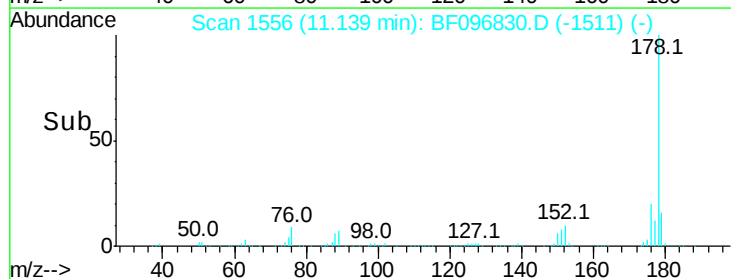
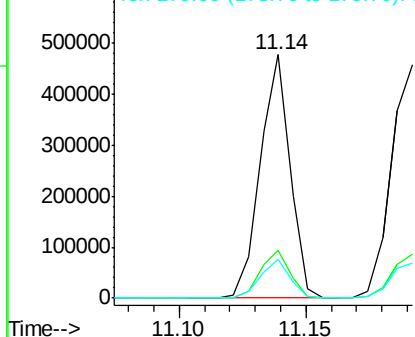


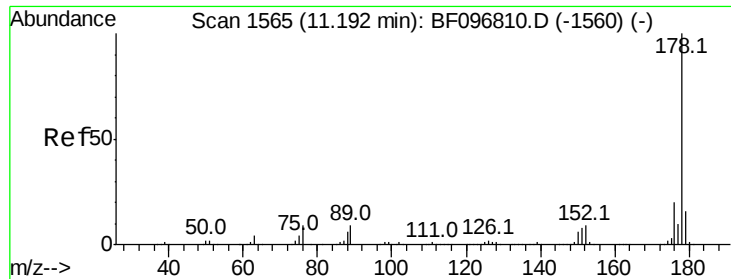
#70
 Phenanthrene
 Concen: 36.786 ng
 RT: 11.14 min Scan# 1556
 Delta R.T. -0.04 min
 Lab File: BF096830.D
 Acq: 17 Jul 2017 20:14

Tgt Ion:178 Resp: 393491
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.2 24.4
 179 15.7 12.6 19.0



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





#71

Anthracene

Concen: 36.098 ng

RT: 11.19 min Scan# 1565

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

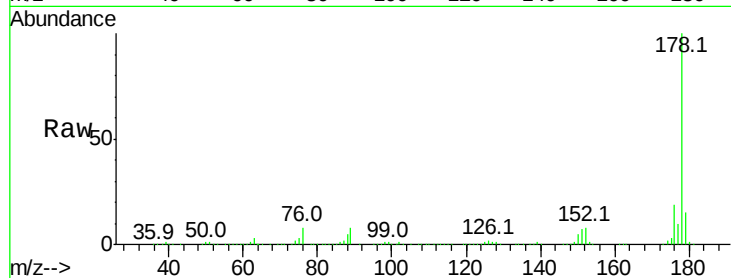
Tot Ion:178 Resp: 390409

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

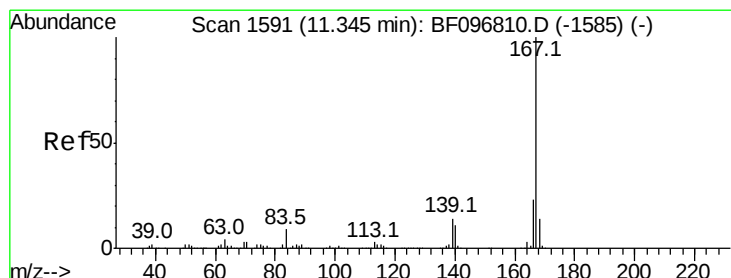
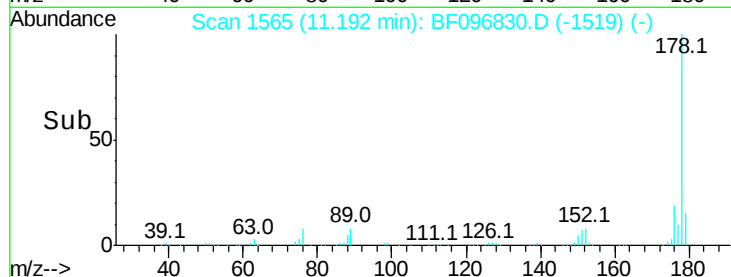
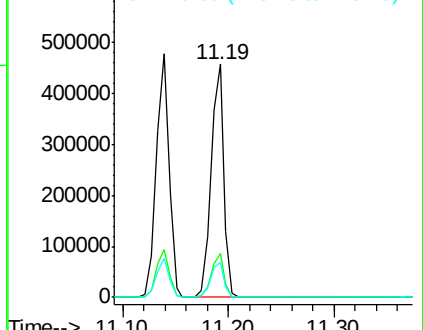
179 15.2 12.7 19.1



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

Carbazole

Concen: 33.467 ng

RT: 11.34 min Scan# 1591

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

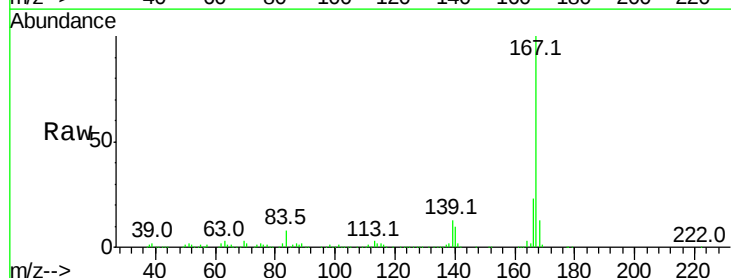
Tgt Ion:167 Resp: 350514

Ion Ratio Lower Upper

167 100

166 23.0 18.1 27.1

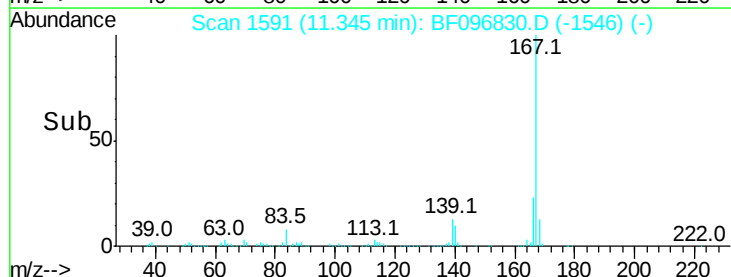
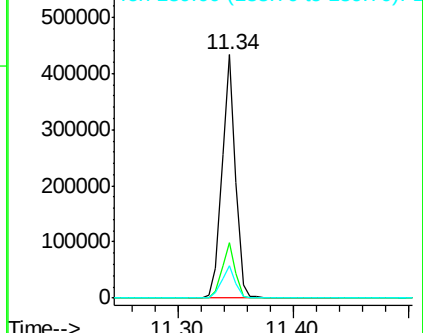
139 13.1 11.7 17.5

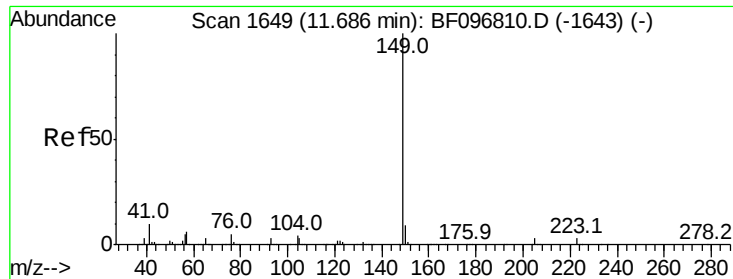


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.733 ng

RT: 11.69 min Scan# 1649

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

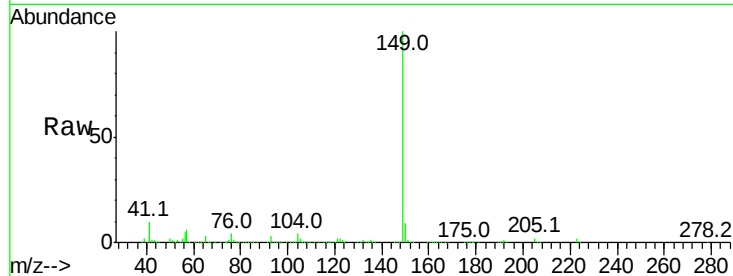
Tot Ion:149 Resp: 453041

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

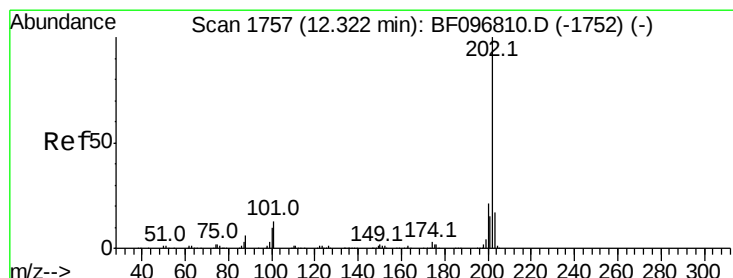
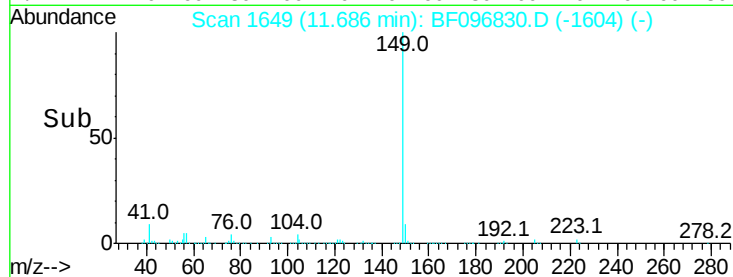
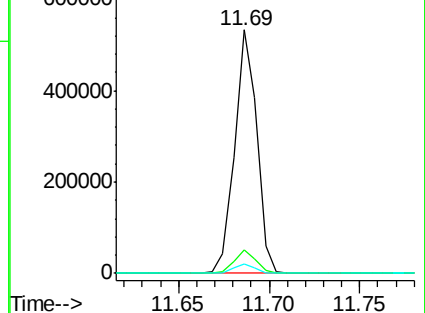
104 4.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.408 ng

RT: 12.32 min Scan# 1757

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

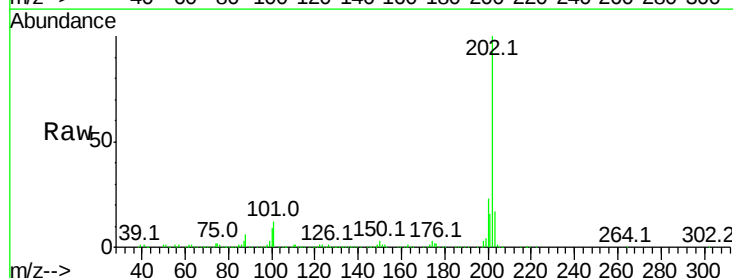
Tgt Ion:202 Resp: 444434

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

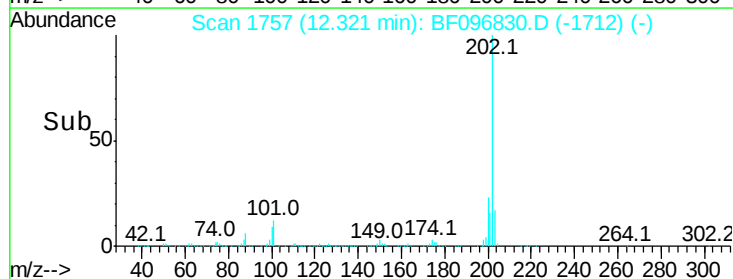
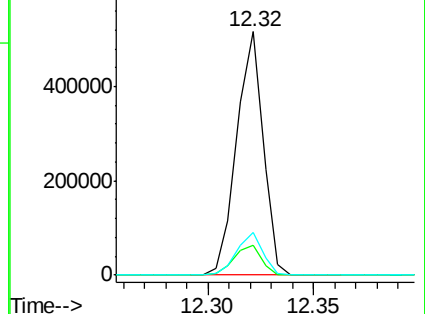
203 17.4 0.0 38.1

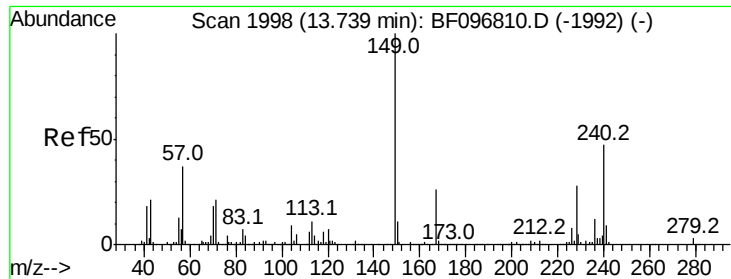


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1999

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

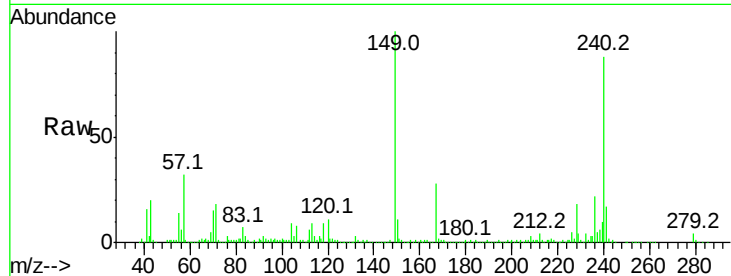
Tot Ion:240 Resp: 189256

Ion Ratio Lower Upper

240 100

120 12.4 5.8 8.8#

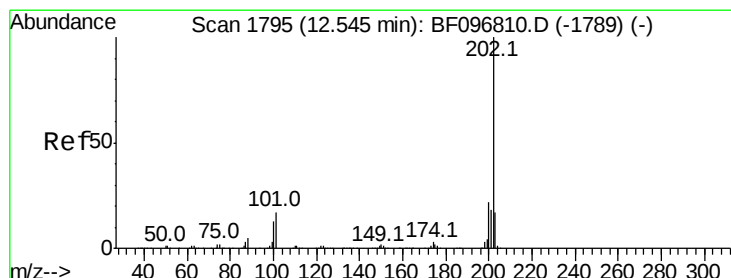
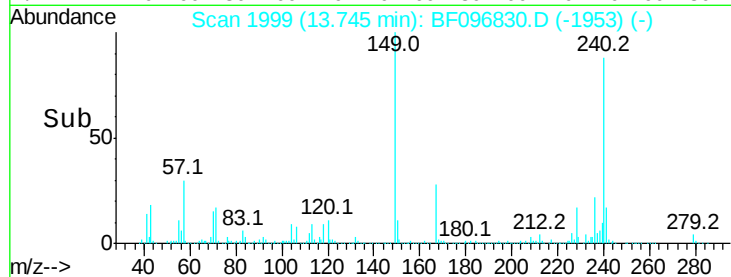
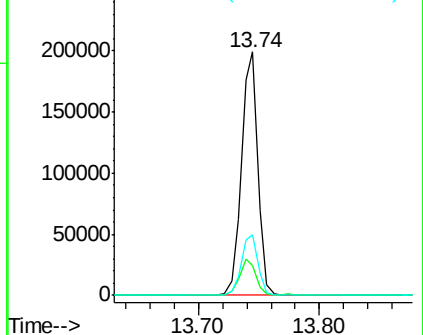
236 25.0 20.5 30.7



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

Pyrene

Concen: 27.860 ng

RT: 12.54 min Scan# 1795

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

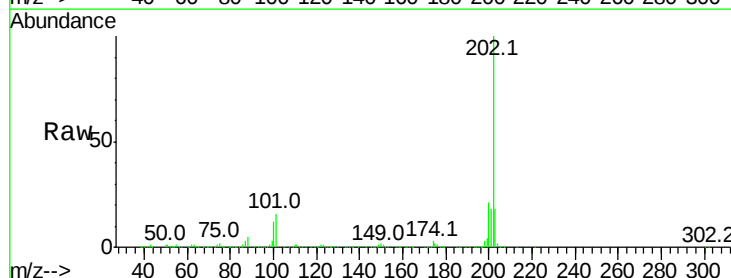
Tgt Ion:202 Resp: 478519

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

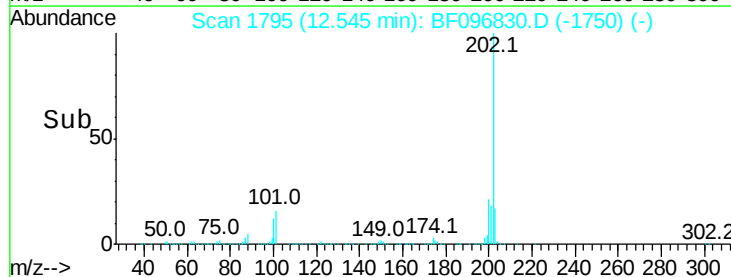
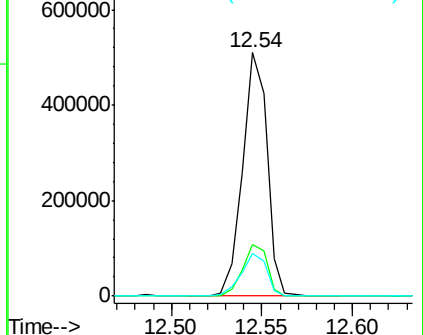
203 17.5 14.4 21.6

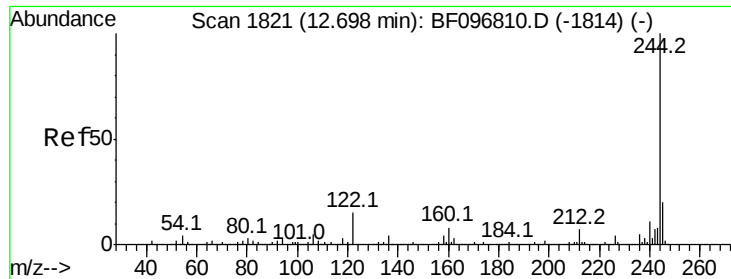


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 40.909 ng

RT: 12.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

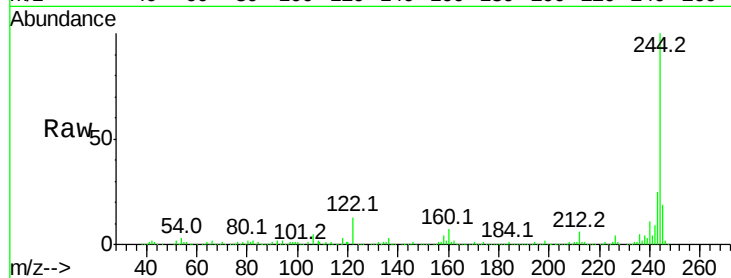
Tot Ion:244 Resp: 446435

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

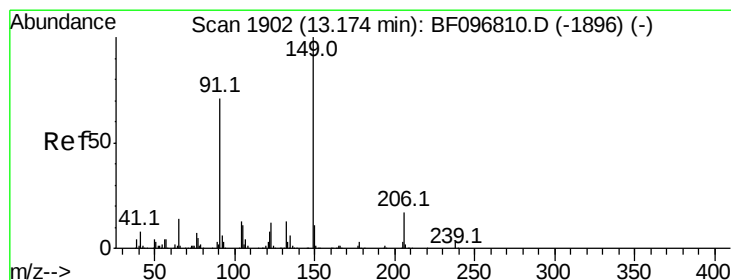
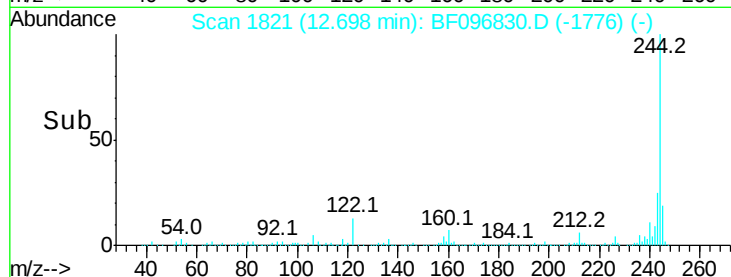
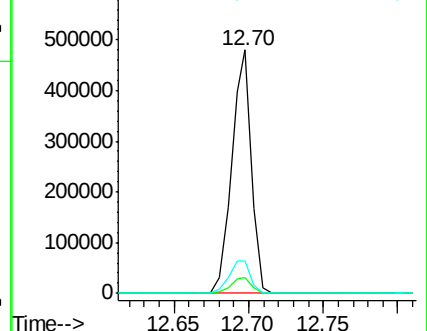
122 13.1 10.3 15.5



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



#79

Butylbenzylphthalate

Concen: 47.617 ng

RT: 13.17 min Scan# 1902

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

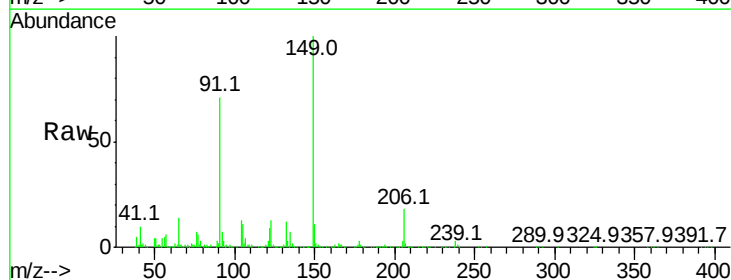
Tgt Ion:149 Resp: 194297

Ion Ratio Lower Upper

149 100

91 71.0 45.0 67.4#

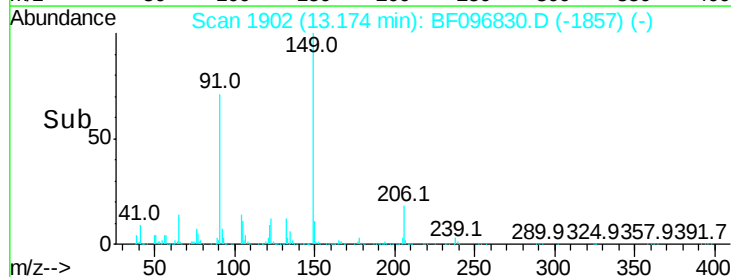
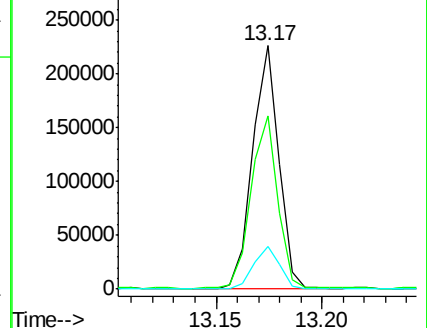
206 17.8 17.0 25.6

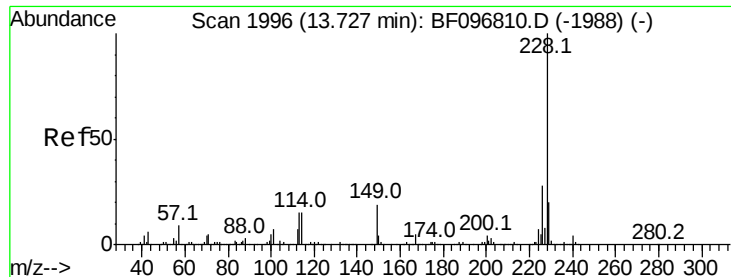


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 35.559 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

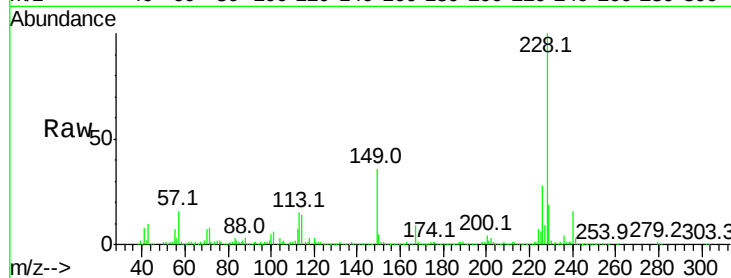
BNA_F

ClientSampleId :

NB-SB04AMSD

Tot Ion:228 Resp: 419309

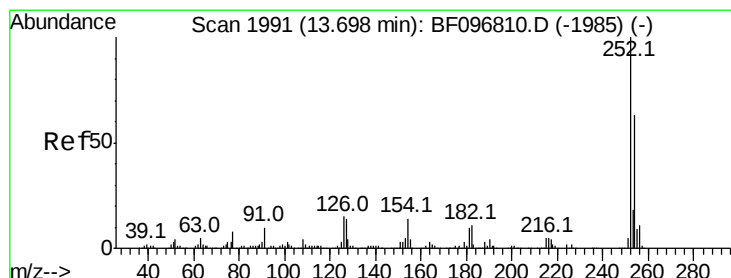
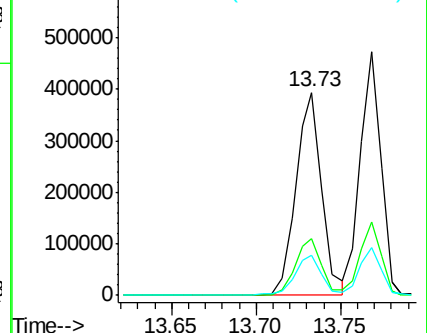
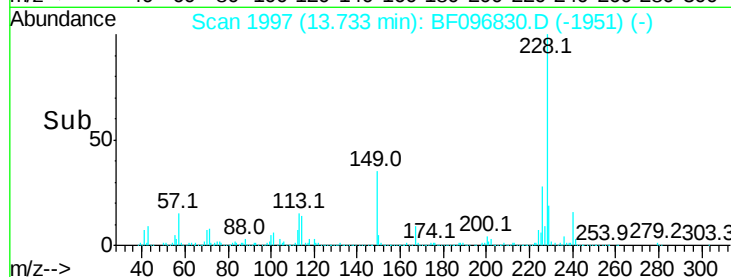
Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	19.5	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 14.370 ng

RT: 13.70 min Scan# 1991

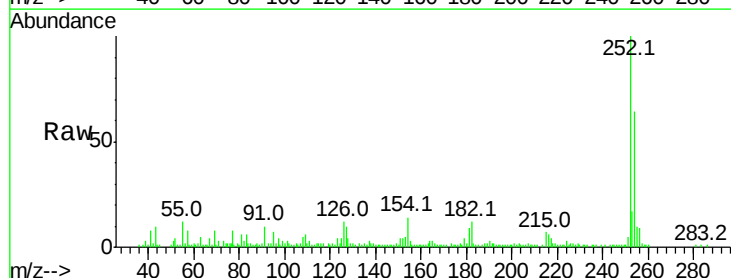
Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Tgt Ion:252 Resp: 60935

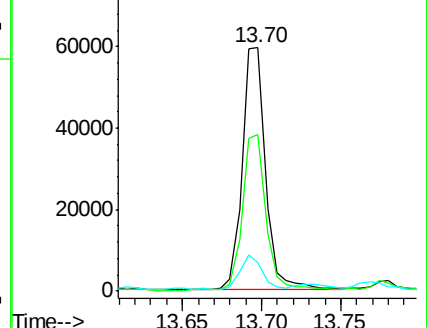
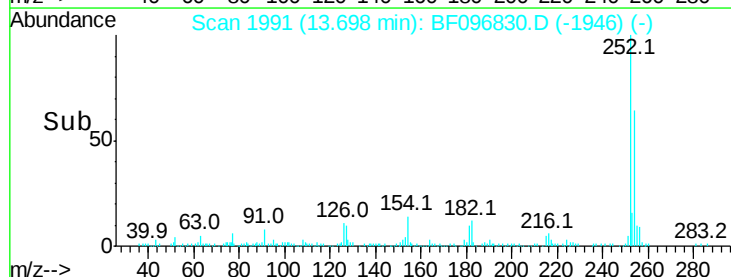
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	11.7	15.8	23.8

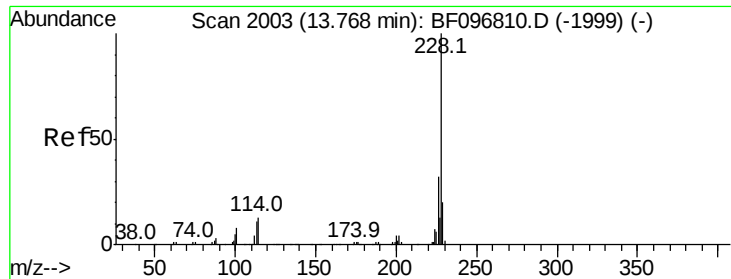


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 34.613 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

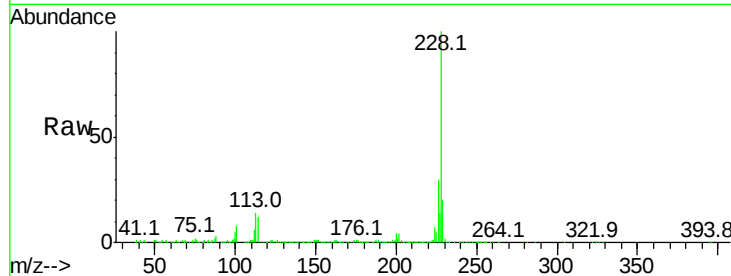
Tot Ion:228 Resp: 401813

Ion Ratio Lower Upper

228 100

226 29.9 24.9 37.3

229 19.6 15.8 23.6

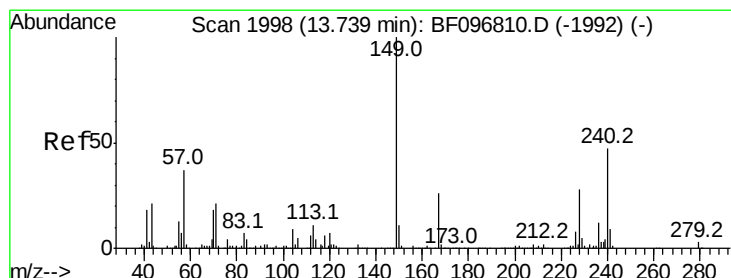
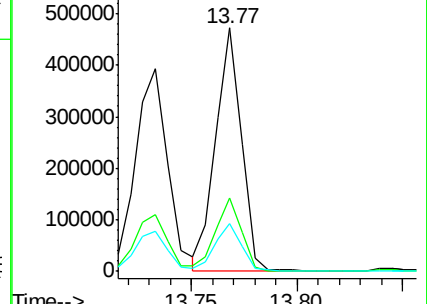
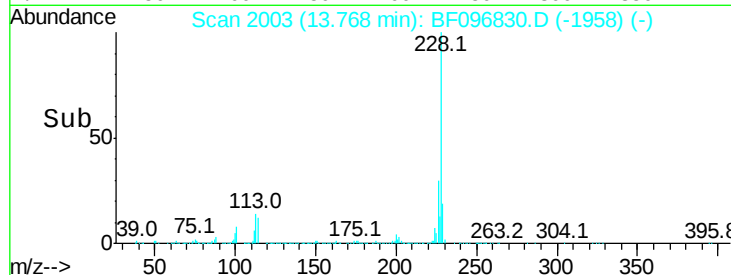


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.77



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.559 ng

RT: 13.74 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

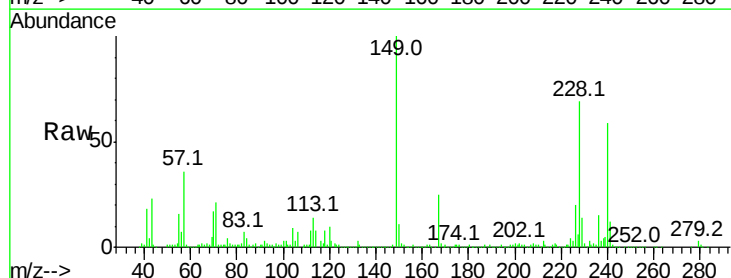
Tgt Ion:149 Resp: 263955

Ion Ratio Lower Upper

149 100

167 25.3 21.0 31.4

279 2.5 1.9 2.9

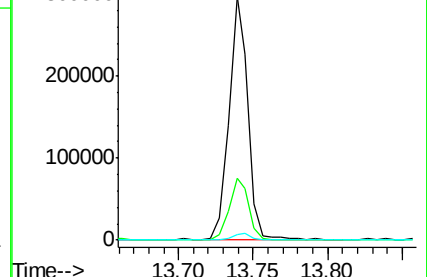
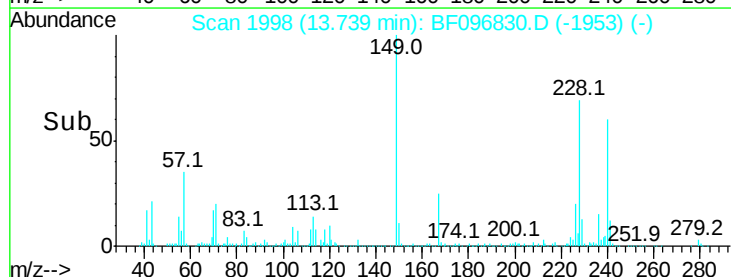


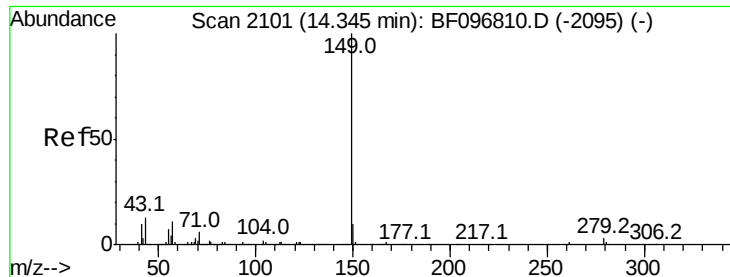
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.74

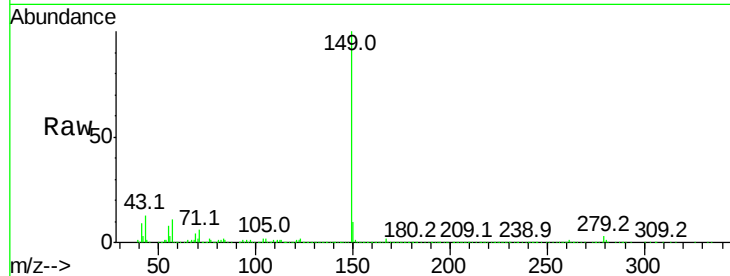




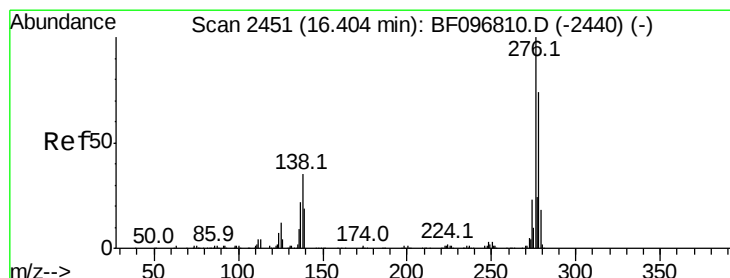
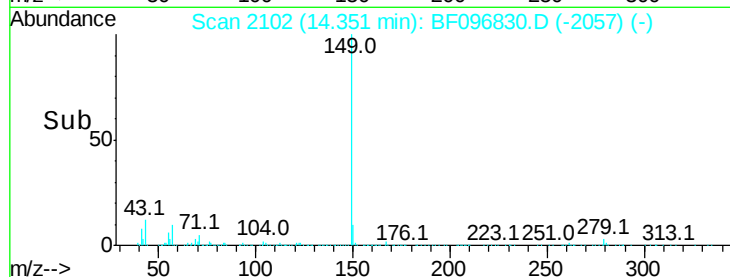
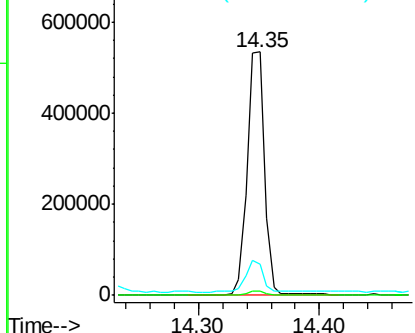
#84
Di-n-octyl phthalate
Concen: 32.564 ng
RT: 14.35 min Scan# 2102
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

Tot Ion:149 Resp: 534974
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.9 8.5 12.7#

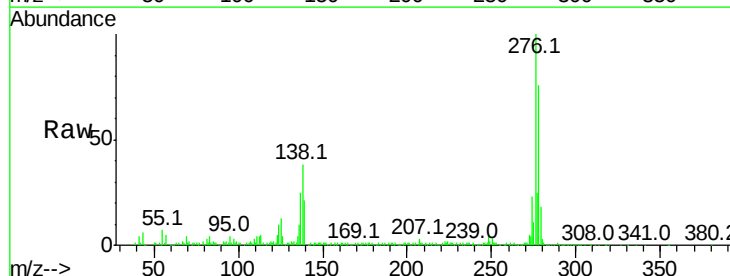


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

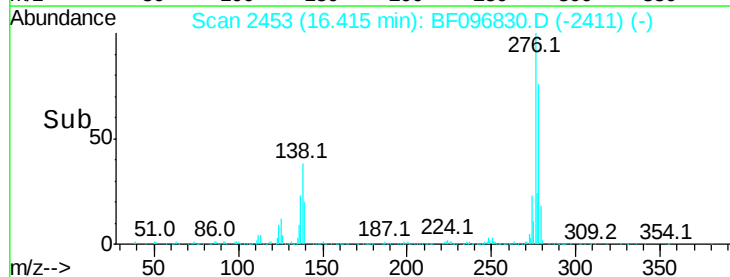
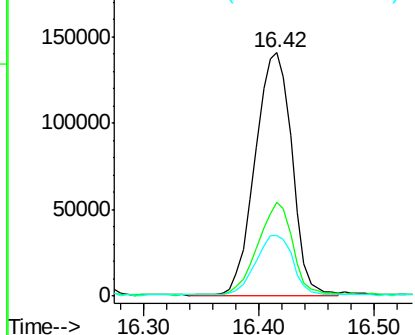


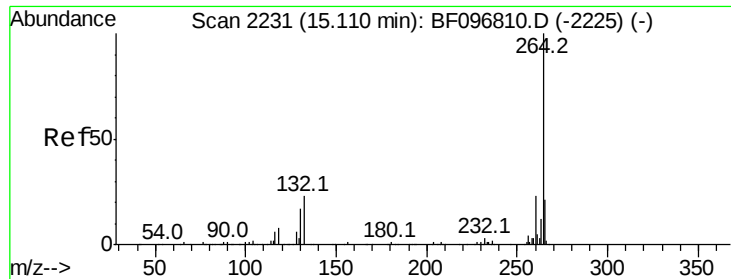
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.068 ng
RT: 16.42 min Scan# 2453
Delta R.T. -0.05 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:276 Resp: 310745
Ion Ratio Lower Upper
276 100
138 35.7 27.8 41.6
277 24.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

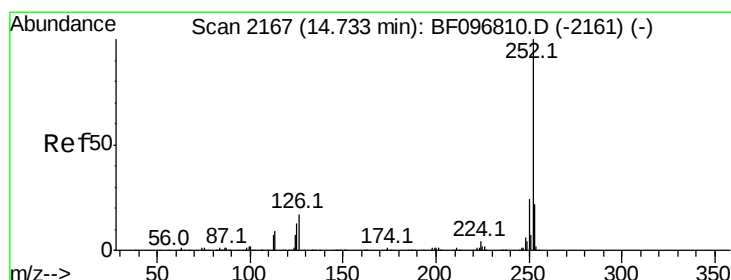
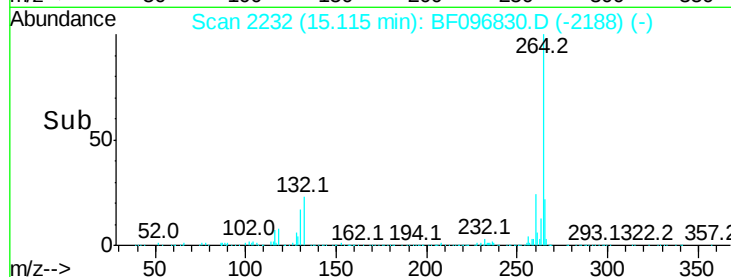
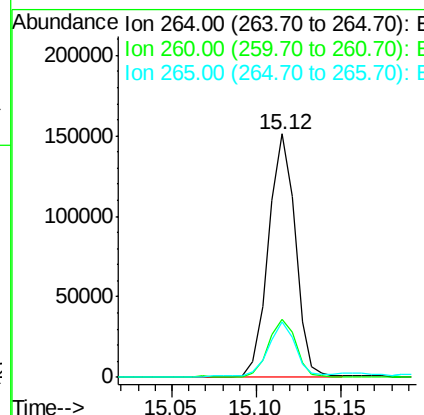
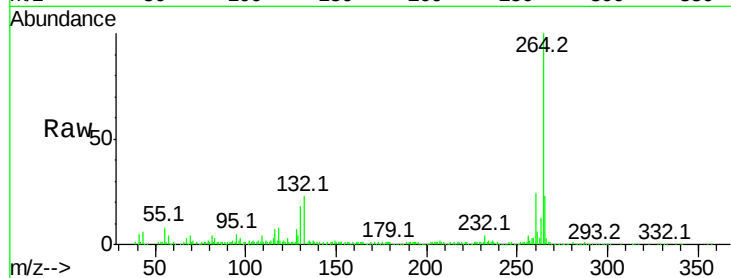




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2232
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

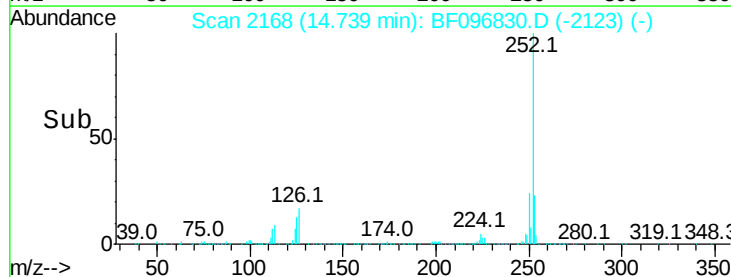
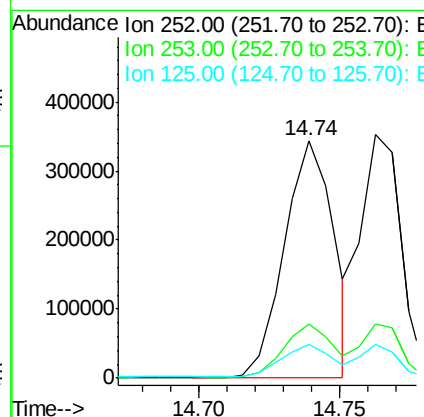
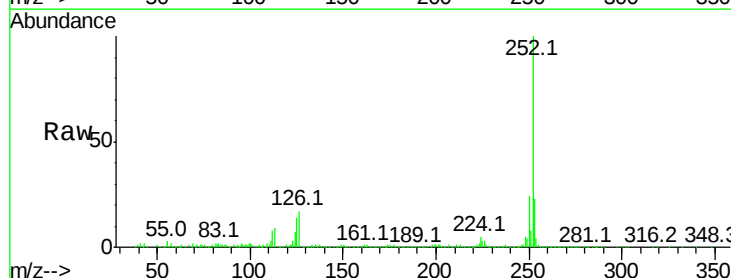
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

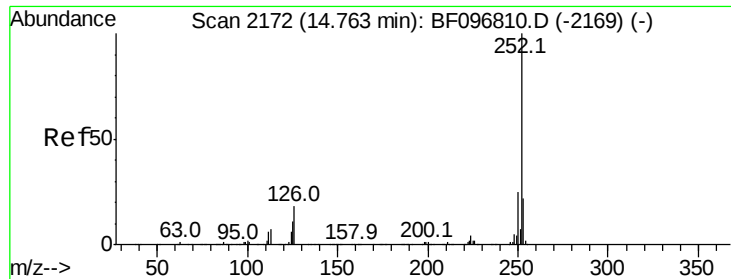
Tot Ion:264 Resp: 167792
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 22.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 41.277 ng
RT: 14.74 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:252 Resp: 417715
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 14.0 9.8 14.8

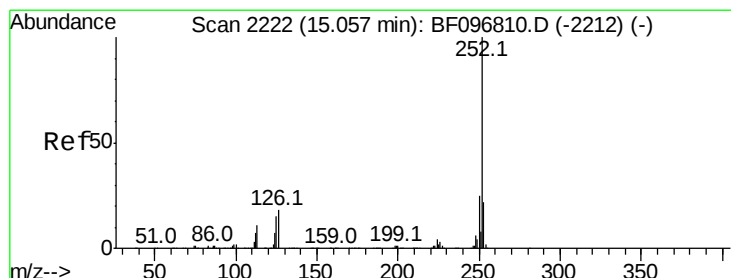
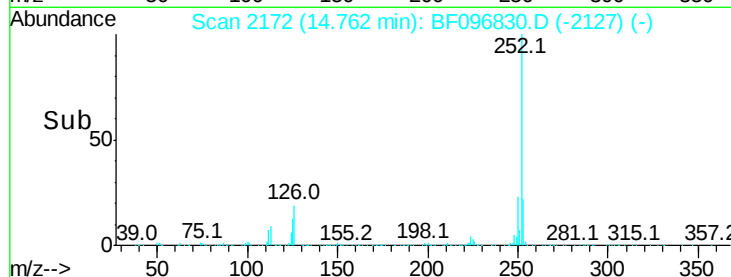
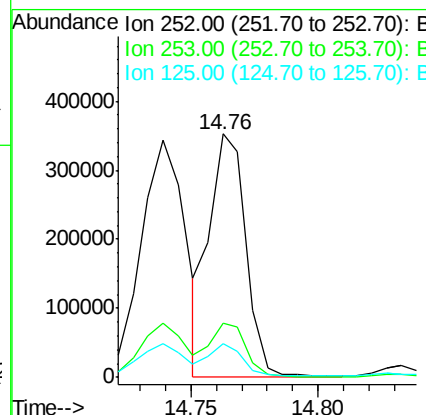
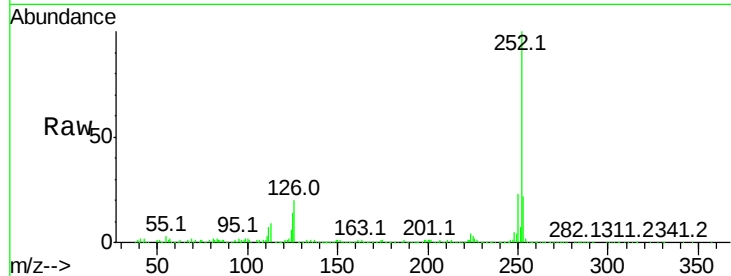




#88
Benzo(k)fluoranthene
Concen: 36.641 ng
RT: 14.76 min Scan# 2172
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

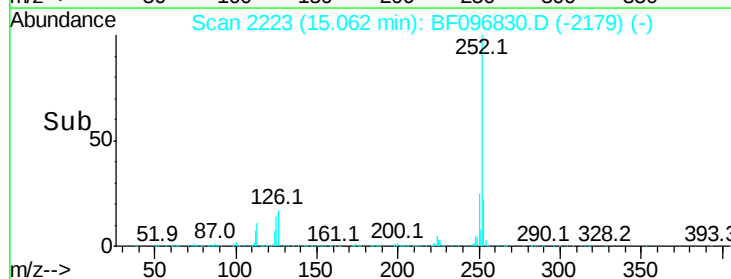
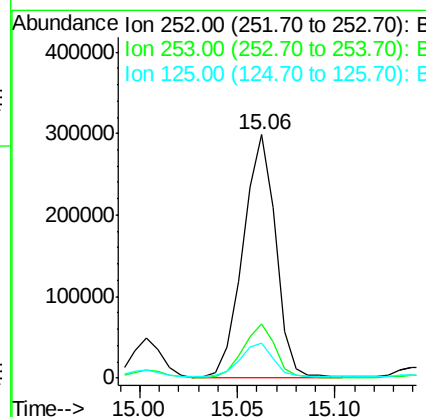
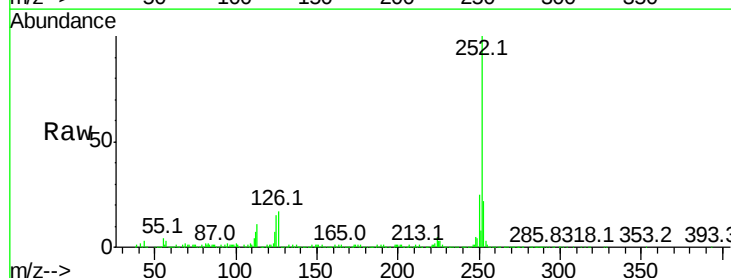
Instrument :
BNA_F
ClientSampleId :
NB-SB04AMSD

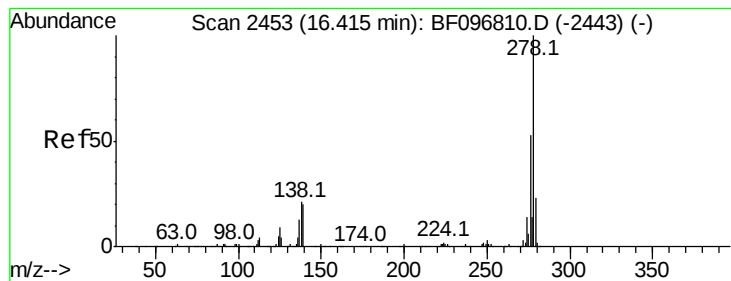
Tot Ion:252 Resp: 351127
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 13.7 13.1 19.7



#89
Benzo(a)pyrene
Concen: 37.046 ng
RT: 15.06 min Scan# 2223
Delta R.T. -0.04 min
Lab File: BF096830.D
Acq: 17 Jul 2017 20:14

Tgt Ion:252 Resp: 343852
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 28.952 ng

RT: 16.43 min Scan# 2455

Delta R.T. -0.06 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

Instrument :

BNA_F

ClientSampleId :

NB-SB04AMSD

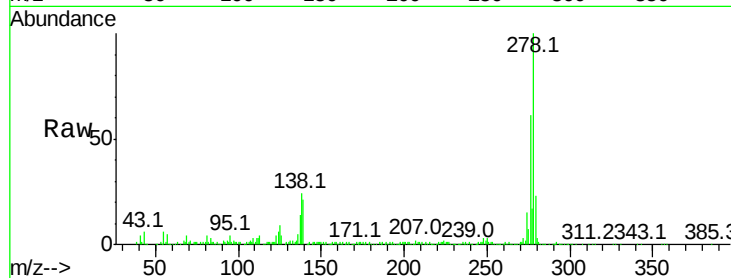
Tot Ion:278 Resp: 247264

Ion Ratio Lower Upper

278 100

139 21.4 16.6 24.8

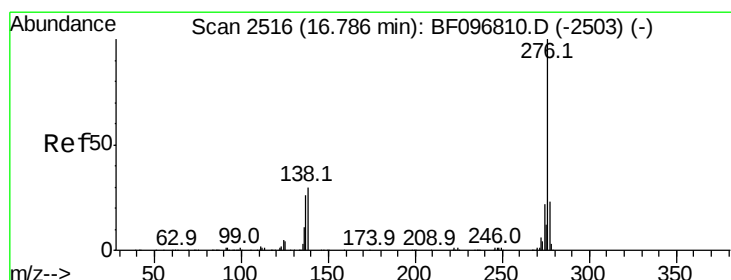
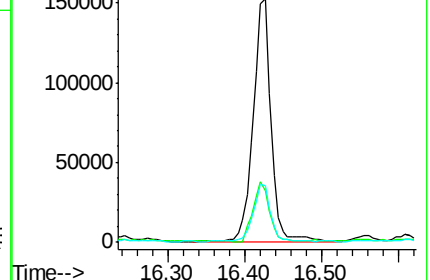
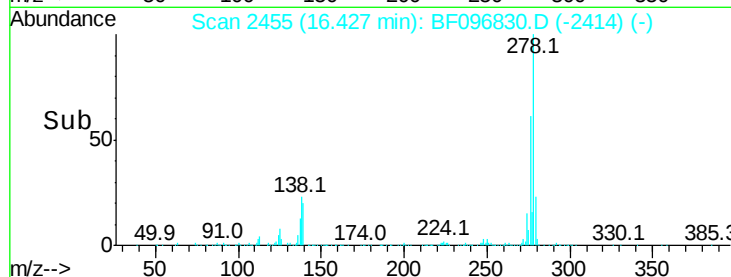
279 23.1 19.3 28.9



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



#91

Benzo(g,h,i)perylene

Concen: 28.420 ng

RT: 16.80 min Scan# 2518

Delta R.T. -0.06 min

Lab File: BF096830.D

Acq: 17 Jul 2017 20:14

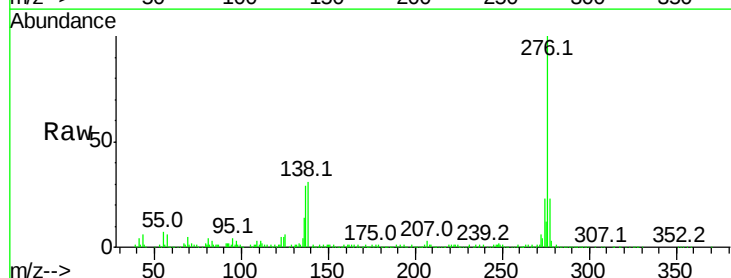
Tgt Ion:276 Resp: 259913

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 30.8 25.4 38.0



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

