

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096862.D
 Acq On : 18 Jul 2017 23:48
 Operator : SJ/JU
 Sample : PB100719BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Quant Time: Jul 19 01:17:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	79601	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	308133	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	115998	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	166914	20.00	ng	0.00
75) Chrysene-d12	13.73	240	133551	20.00	ng	0.00
86) Perylene-d12	15.10	264	99136	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	500477	94.54	ng	0.02
7) Phenol-d6	6.25	99	484291	76.23	ng	0.00
23) Nitrobenzene-d5	7.16	82	414347	83.29	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	74213	74.95	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	727488	99.09	ng	0.00
78) Terphenyl-d14	12.69	244	469404	60.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	107675	39.53	ng	# 77
3) Pyridine	2.92	79	233371	40.76	ng	# 57
4) n-Nitrosodimethylamine	2.87	42	145411	45.42	ng	# 81
6) Aniline	6.26	93	181056	23.14	ng	# 46
8) 2-Chlorophenol	6.39	128	217880	38.15	ng	# 96
9) Benzaldehyde	6.14	77	90697	24.70	ng	# 97
10) Phenol	6.26	94	261712	36.44	ng	# 84
11) bis(2-Chloroethyl)ether	6.34	93	205130	37.98	ng	# 91
12) 1,3-Dichlorobenzene	6.54	146	237750	39.16	ng	# 98
13) 1,4-Dichlorobenzene	6.62	146	242968	39.52	ng	# 94
14) 1,2-Dichlorobenzene	6.77	146	218174	39.02	ng	# 98
15) Benzyl Alcohol	6.75	79	165107	39.70	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.89	45	423702	38.01	ng	# 94
17) 2-Methylphenol	6.87	107	167297	37.67	ng	# 95
18) Hexachloroethane	7.11	117	65000	29.82	ng	# 82
19) n-Nitroso-di-n-propylamine	7.02	70	144749	37.82	ng	# 85
20) 3+4-Methylphenols	7.03	107	213482	39.61	ng	# 64
22) Acetophenone	7.01	105	289049	41.97	ng	# 97
24) Nitrobenzene	7.19	77	202417	39.34	ng	# 88
25) Isophorone	7.43	82	369949	39.98	ng	# 94
26) 2-Nitrophenol	7.50	139	79284	27.71	ng	# 88
27) 2,4-Dimethylphenol	7.55	122	187246	39.79	ng	# 96
28) bis(2-Chloroethoxy)methane	7.64	93	255722	40.89	ng	# 99
29) 2,4-Dichlorophenol	7.75	162	163886	38.47	ng	# 98
30) 1,2,4-Trichlorobenzene	7.83	180	165693	40.91	ng	# 98
31) Naphthalene	7.90	128	595609	40.80	ng	# 99
32) Benzoic acid	7.67	122	54189	18.01	ng	# 97
33) 4-Chloroaniline	7.96	127	142627	24.66	ng	# 97
34) Hexachlorobutadiene	8.03	225	90928	42.05	ng	# 96
35) Caprolactam	8.33	113	44760	32.79	ng	# 73
36) 4-Chloro-3-methylphenol	8.45	107	161663	35.29	ng	# 87
37) 2-Methylnaphthalene	8.60	142	383795	41.24	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	138984	44.32	ng	# 99
40) Hexachlorocyclopentadiene	8.75	237	7706	11.11	ng	# 95

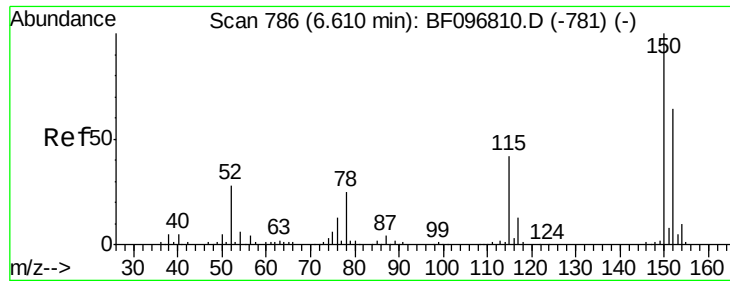
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	89372	38.64	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	91960	39.42	nq	98
45) 1,1'-Biphenyl	9.06	154	422753	42.49	nq	97
46) 2-Chloronaphthalene	9.08	162	311343	42.50	nq	# 93
47) 2-Nitroaniline	9.18	65	107744	42.79	nq	# 86
48) Acenaphthylene	9.49	152	475989	40.78	nq	99
49) Dimethylphthalate	9.36	163	386821	44.29	nq	100
50) 2,6-Dinitrotoluene	9.42	165	64200	33.94	nq	# 90
51) Acenaphthene	9.66	154	270344	39.21	nq	99
52) 3-Nitroaniline	9.59	138	97179	43.36	nq	96
53) 2,4-Dinitrophenol	9.70	184	1932	8.63	nq	# 71
54) Dibenzofuran	9.83	168	404747	41.89	nq	98
55) 4-Nitrophenol	9.76	139	91047	55.61	nq	# 68
56) 2,4-Dinitrotoluene	9.83	165	70882	29.16	nq	# 77
57) Fluorene	10.17	166	286413	40.11	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61412	37.96	nq	98
59) Diethylphthalate	10.06	149	355508	41.81	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	127603	42.51	nq	99
61) 4-Nitroaniline	10.19	138	91885	43.66	nq	92
62) Azobenzene	10.33	77	291017	38.80	nq	93
64) 4,6-Dinitro-2-methylphenol	10.24	198	2474	2.36	nq	# 72
65) n-Nitrosodiphenylamine	10.29	169	266519	44.67	nq	98
66) 4-Bromophenyl-phenylether	10.66	248	75771	44.46	nq	99
67) Hexachlorobenzene	10.73	284	76662	40.39	nq	# 91
68) Atrazine	10.82	200	76430	44.96	nq	94
69) Pentachlorophenol	10.92	266	59860	65.28	nq	97
70) Phenanthrene	11.13	178	385997	42.53	nq	98
71) Anthracene	11.18	178	395691	43.12	nq	99
72) Carbazole	11.34	167	378990	42.65	nq	98
73) Di-n-butylphthalate	11.68	149	490145	44.29	nq	# 98
74) Fluoranthene	12.31	202	395655	45.55	nq	98
76) Benzidine	12.44	184	354612	81.05	nq	# 92
77) Pyrene	12.54	202	410506	33.87	nq	99
79) Butylbenzylphthalate	13.16	149	203388	35.32	nq	# 79
80) Benzo(a)anthracene	13.72	228	336785	40.47	nq	98
81) 3,3'-Dichlorobenzidine	13.69	252	129221	43.18	nq	# 97
82) Chrysene	13.76	228	323593	39.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	279724	39.89	nq	99
84) Di-n-octyl phthalate	14.34	149	518294	44.71	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.39	276	210781	29.07	nq	100
87) Benzo(b)fluoranthene	14.73	252	268067	44.83	nq	97
88) Benzo(k)fluoranthene	14.75	252	238881	42.19	nq	# 95
89) Benzo(a)pyrene	15.05	252	233302	42.54	nq	98
90) Dibenzo(a,h)anthracene	16.40	278	181951	36.06	nq	95
91) Benzo(g,h,i)perylene	16.77	276	174440	32.28	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 784

Delta R.T. 0.00 min

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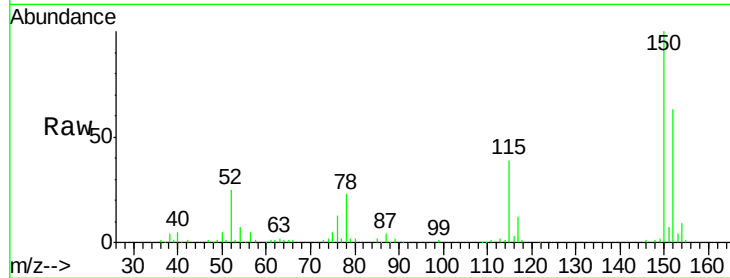
Tot Ion:152 Resp: 79601

Ion Ratio Lower Upper

152 100

150 159.1 126.2 189.2

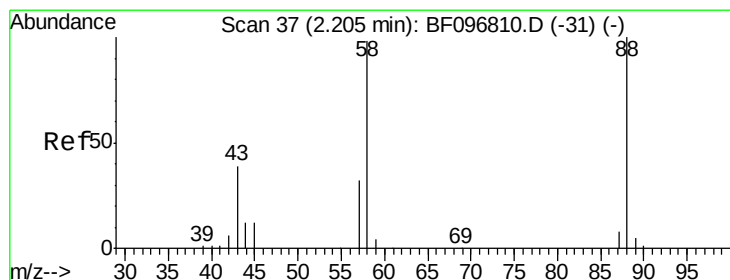
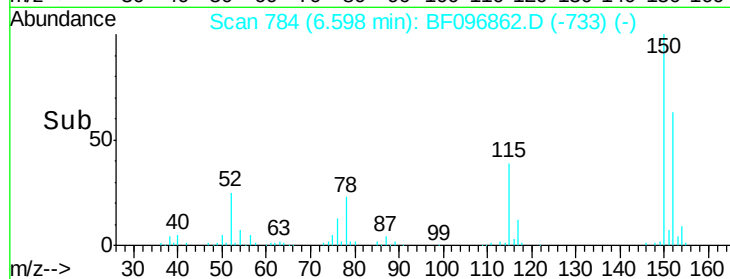
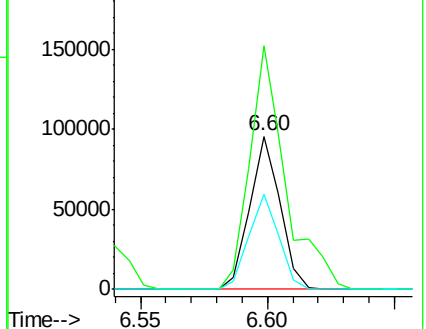
115 61.8 52.2 78.2



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: 39.53 ng

RT: 2.27 min Scan# 48

Delta R.T. 0.08 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

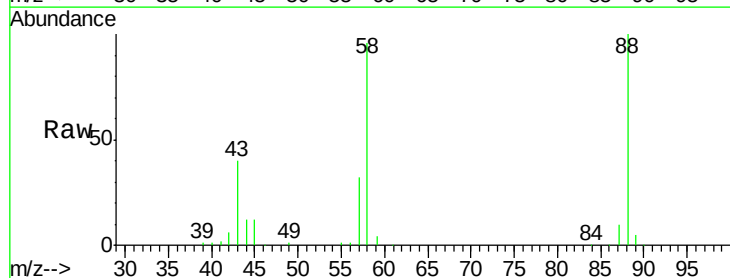
Tgt Ion: 88 Resp: 107675

Ion Ratio Lower Upper

88 100

58 98.1 61.4 92.0#

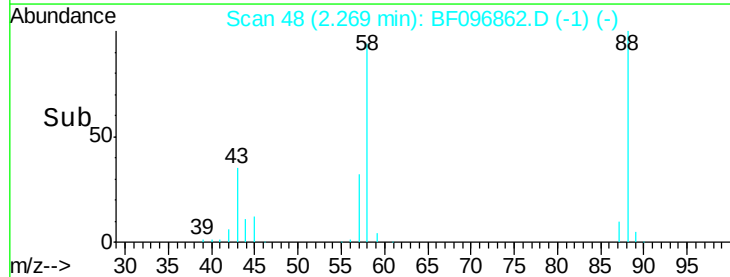
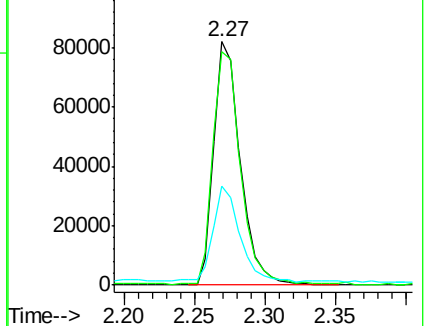
43 38.8 23.4 35.0#

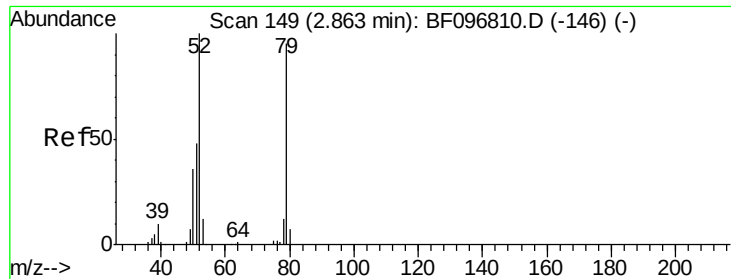


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 40.76 ng

RT: 2.92 min Scan# 159

Delta R.T. 0.08 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

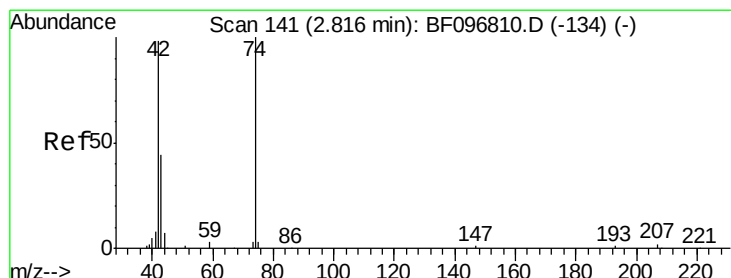
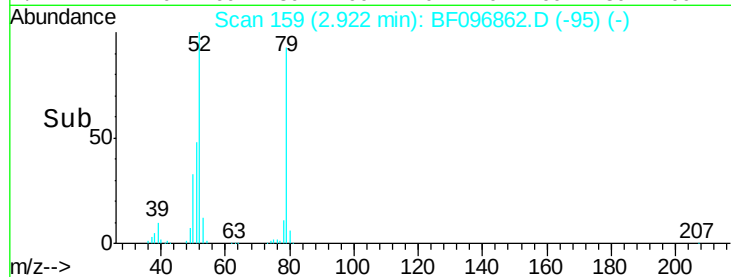
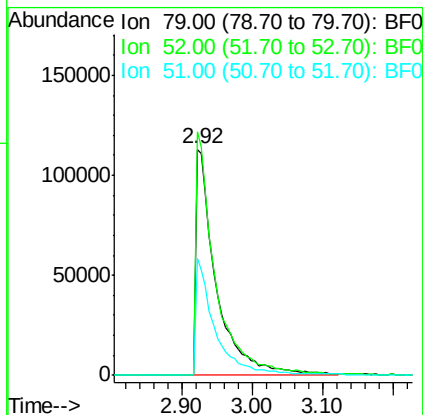
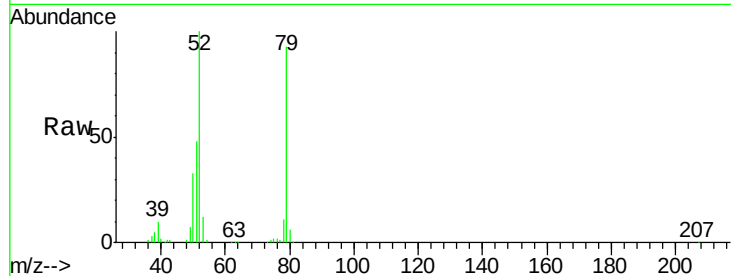
Tot Ion: 79 Resp: 233371

Ion Ratio Lower Upper

79 100

52 107.7 54.8 82.2#

51 51.5 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 45.42 ng

RT: 2.87 min Scan# 150

Delta R.T. 0.07 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

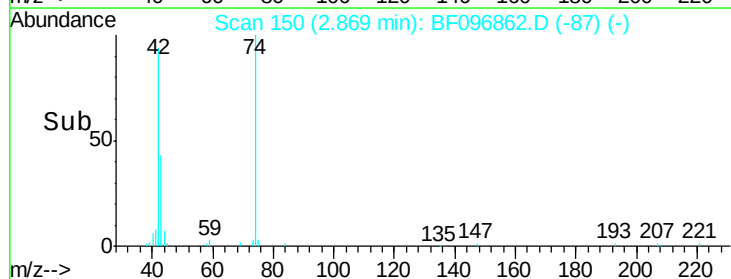
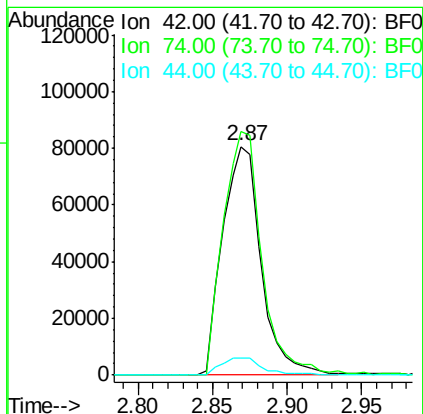
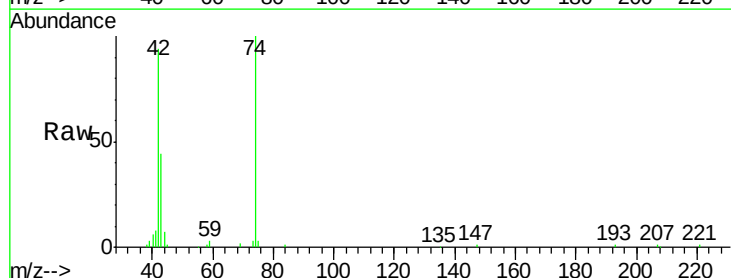
Tgt Ion: 42 Resp: 145411

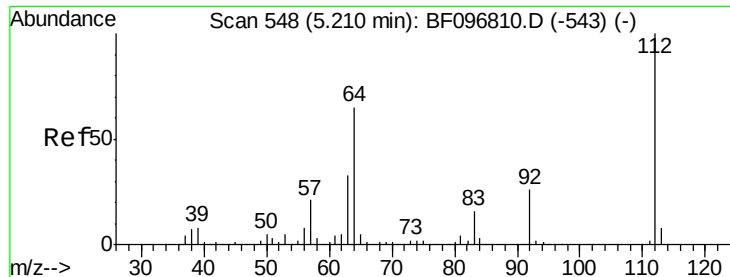
Ion Ratio Lower Upper

42 100

74 106.6 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 94.54 ng

RT: 5.22 min Scan# 549

Delta R.T. 0.02 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

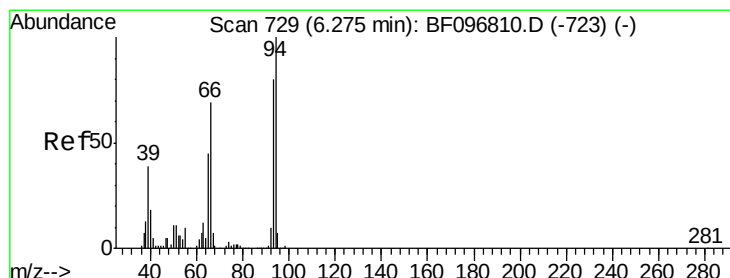
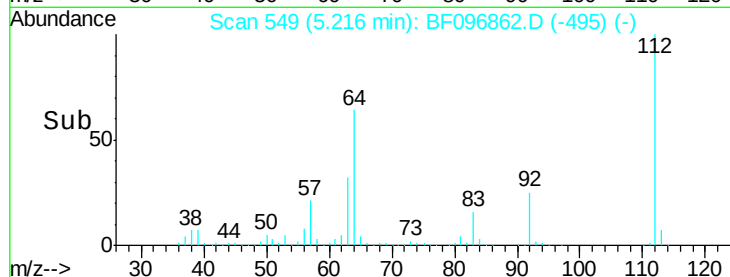
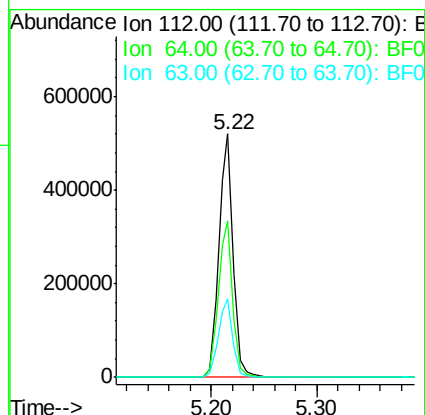
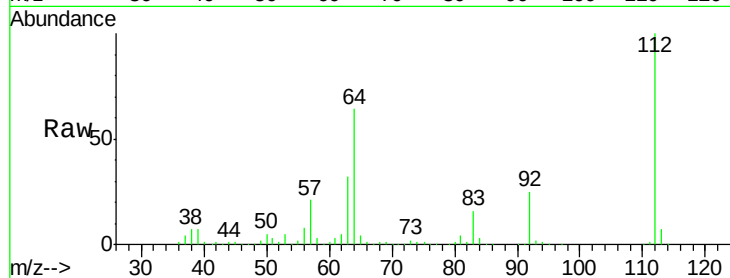
Instrument :

BNA_F

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Tot Ion:	112	Resp:	500477
Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	32.2	23.4	35.0



#6

Aniline

Concen: 23.14 ng

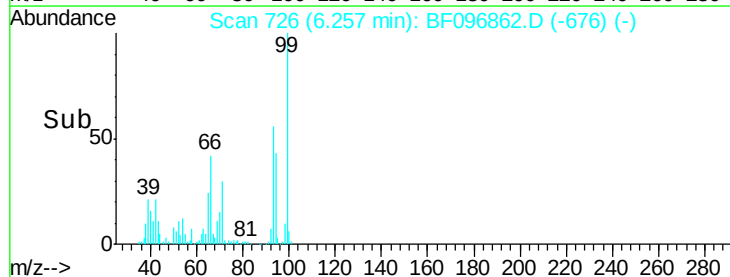
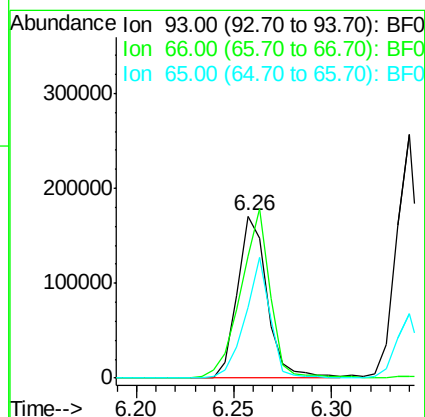
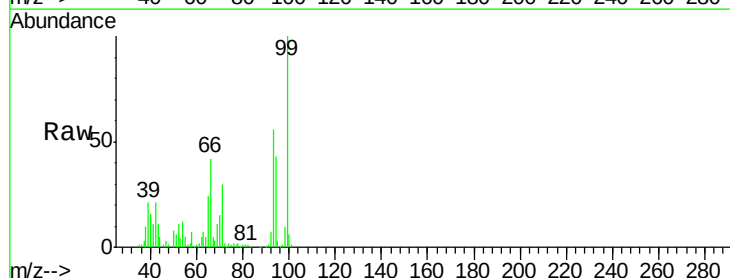
RT: 6.26 min Scan# 726

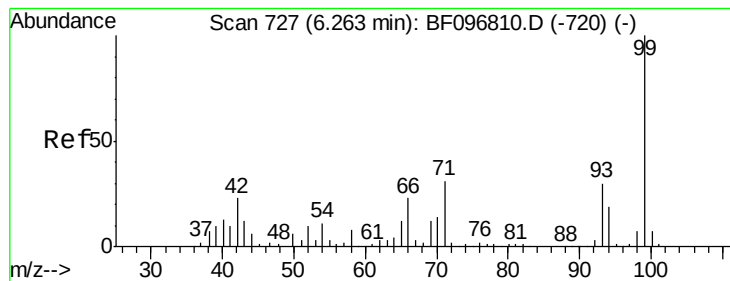
Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:	93	Resp:	181056
Ion	Ratio	Lower	Upper
93	100		
66	75.4	32.9	49.3#
65	43.5	16.0	24.0#





#7

Phenol-d6

Concen: 76.23 ng

RT: 6.25 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

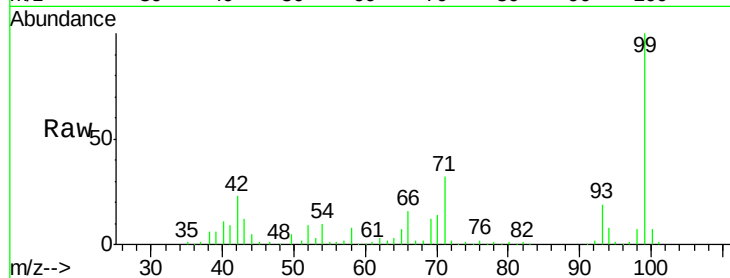
Tot Ion: 99 Resp: 484291

Ion Ratio Lower Upper

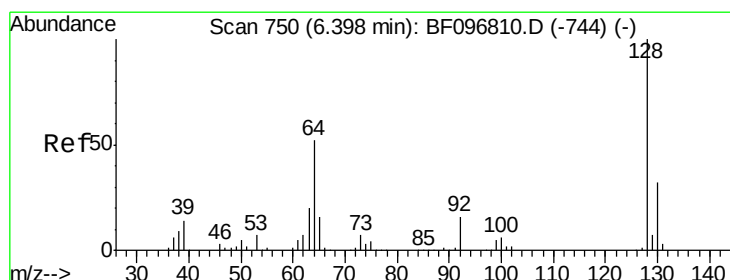
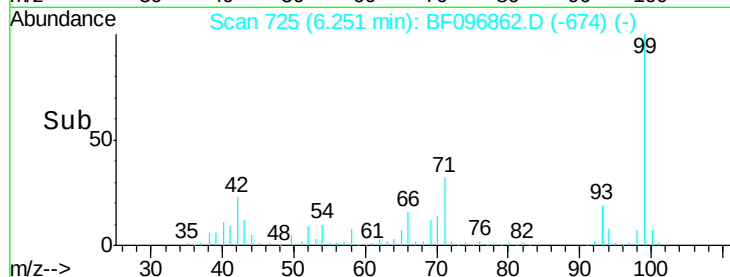
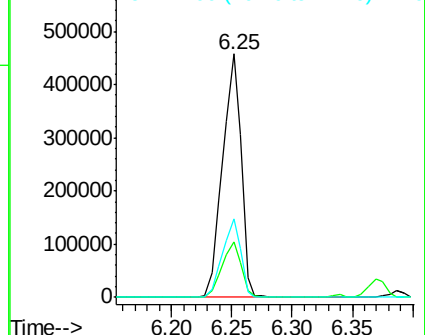
99 100

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: 38.15 ng

RT: 6.39 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

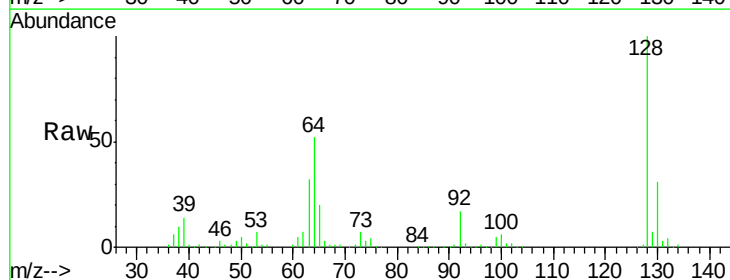
Tgt Ion: 128 Resp: 217880

Ion Ratio Lower Upper

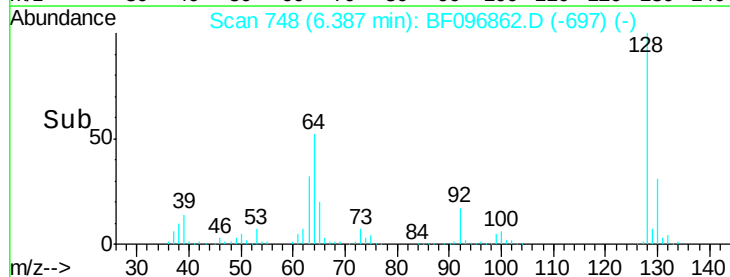
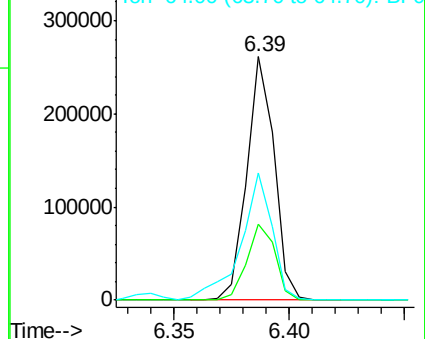
128 100

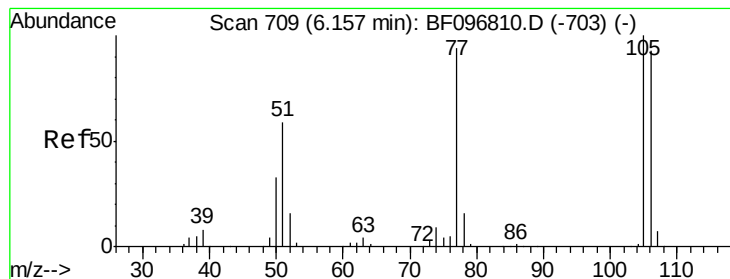
130 31.2 12.9 52.9

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: 24.70 ng

RT: 6.14 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

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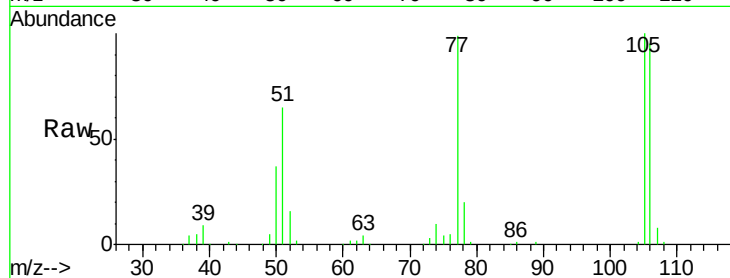
Tot Ion: 77 Resp: 90697

Ion Ratio Lower Upper

77 100

105 101.2 83.8 123.8

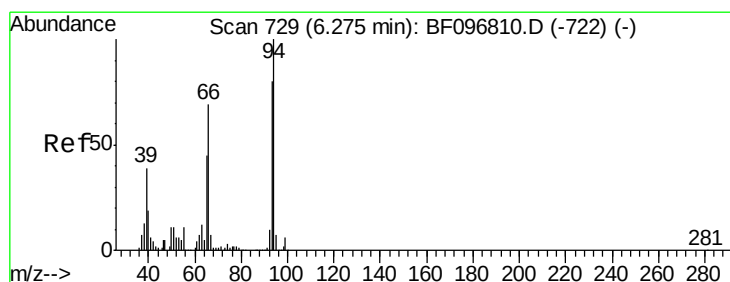
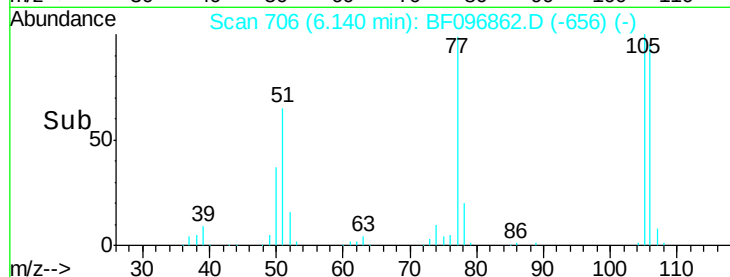
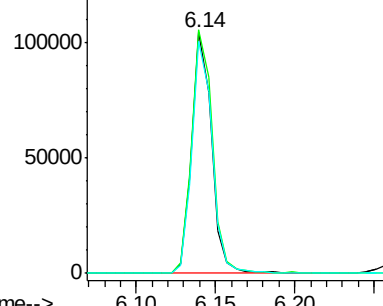
106 96.4 79.1 119.1



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: 36.44 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

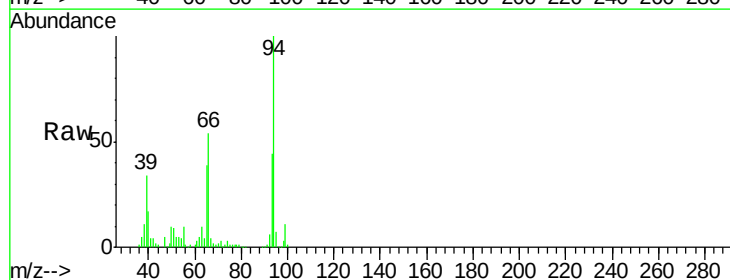
Tgt Ion: 94 Resp: 261712

Ion Ratio Lower Upper

94 100

65 38.5 9.9 49.9

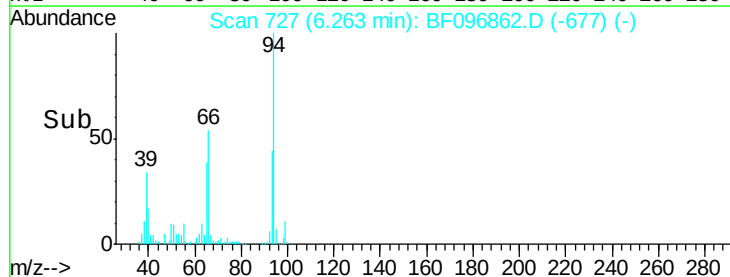
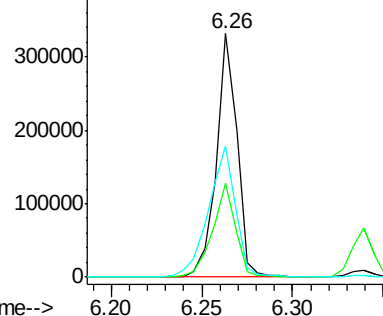
66 53.7 23.1 63.1

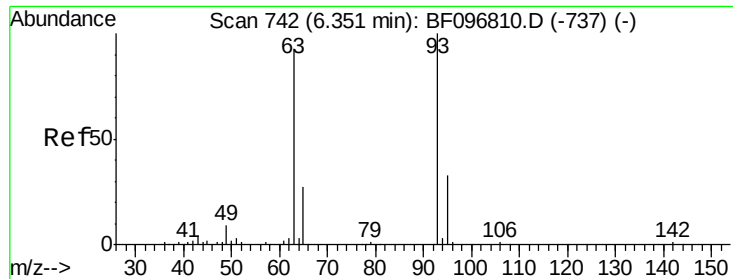


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.98 ng

RT: 6.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

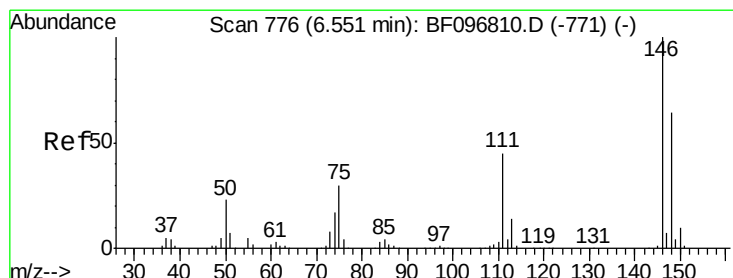
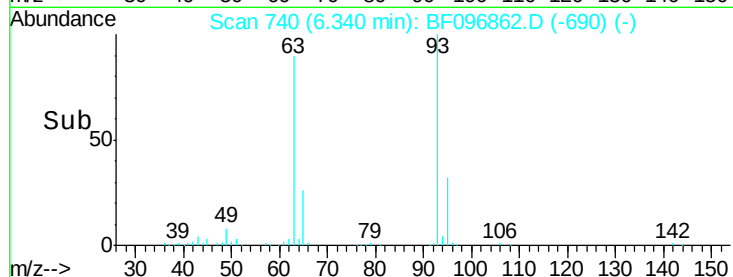
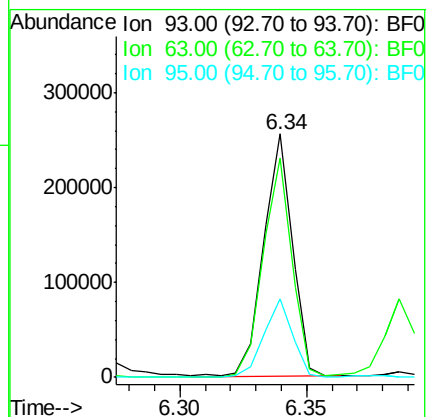
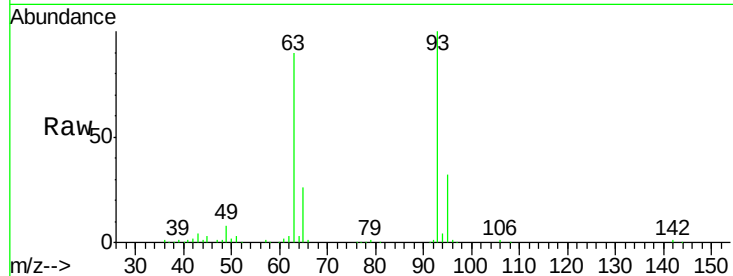
Tot Ion: 93 Resp: 205130

Ion Ratio Lower Upper

93 100

63 90.0 59.2 99.2

95 32.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.16 ng

RT: 6.54 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

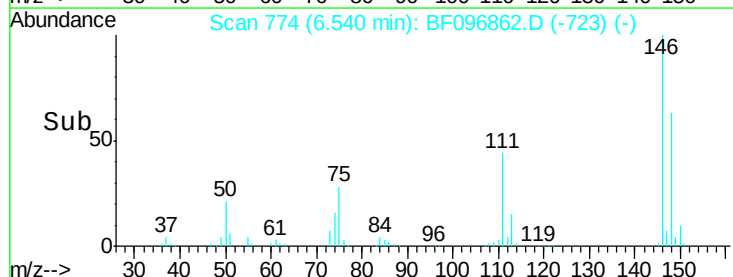
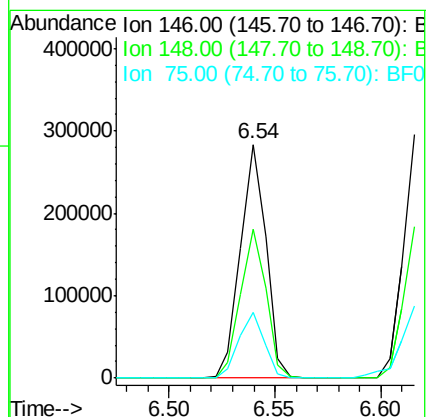
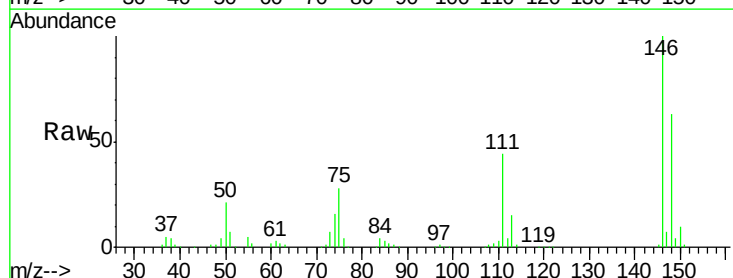
Tgt Ion: 146 Resp: 237750

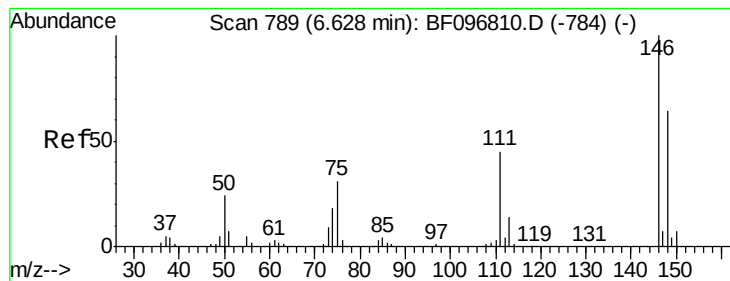
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 28.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.52 ng

RT: 6.62 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

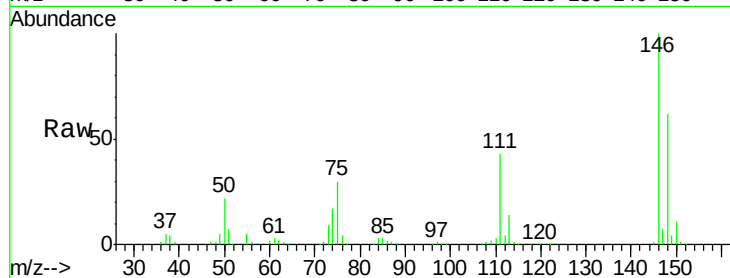
Tot Ion:146 Resp: 242968

Ion Ratio Lower Upper

146 100

148 62.3 52.2 78.2

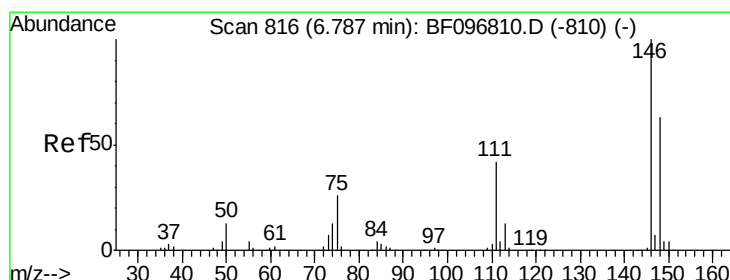
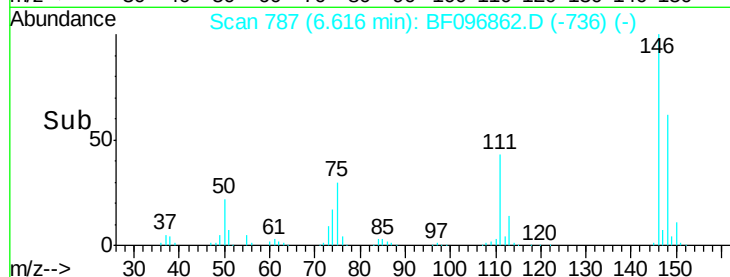
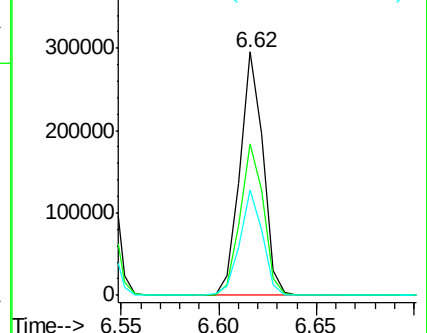
111 43.5 30.3 45.5



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: 39.02 ng

RT: 6.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

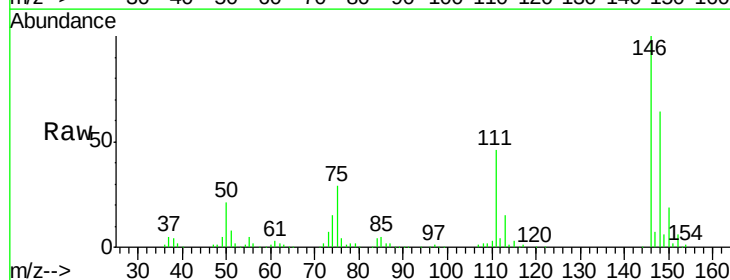
Tgt Ion:146 Resp: 218174

Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

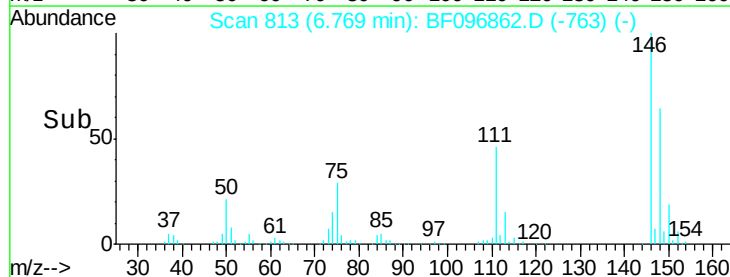
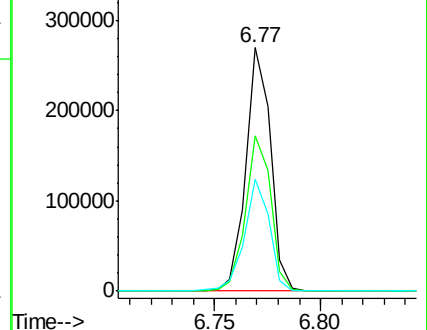
111 45.8 38.2 57.4

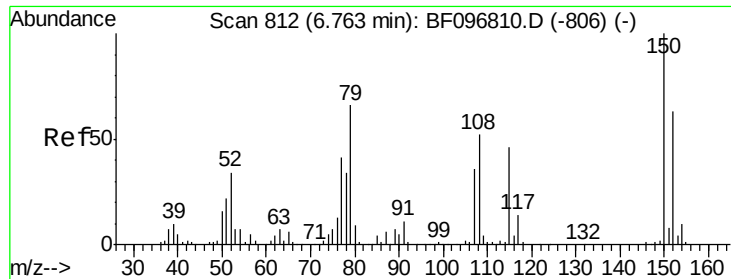


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

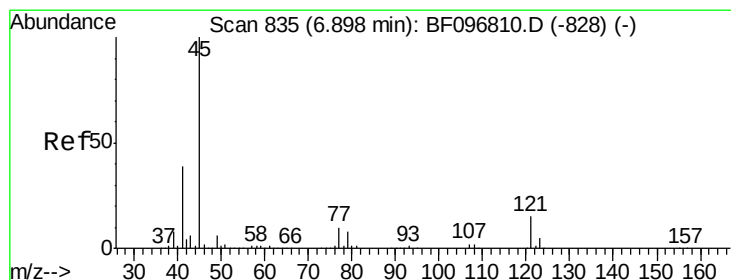
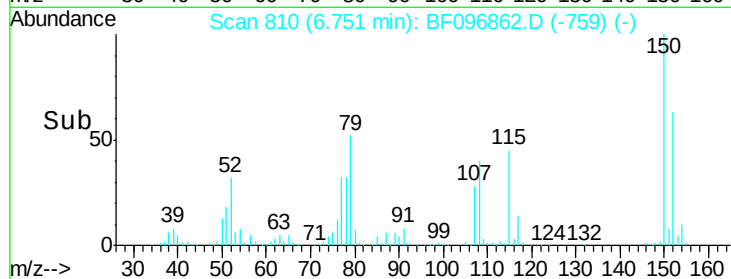
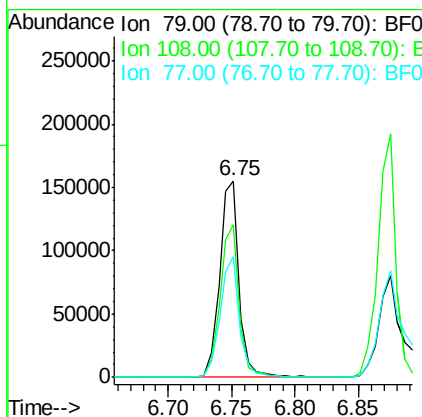
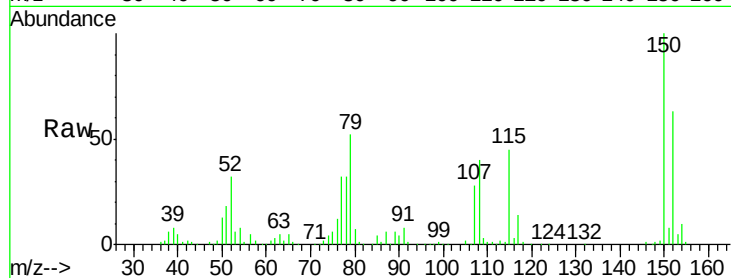




#15
Benzyl Alcohol
Concen: 39.70 ng
RT: 6.75 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

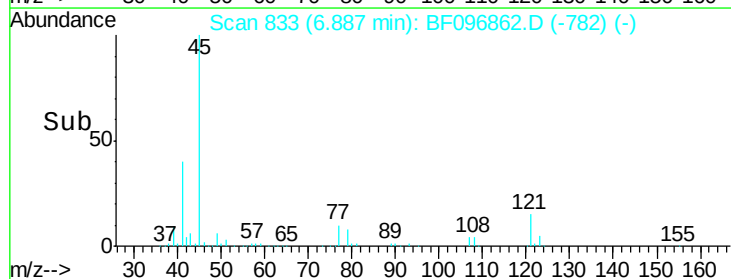
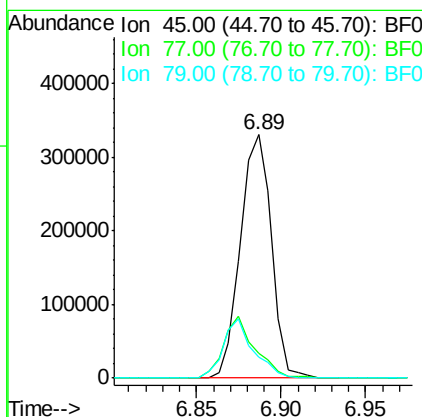
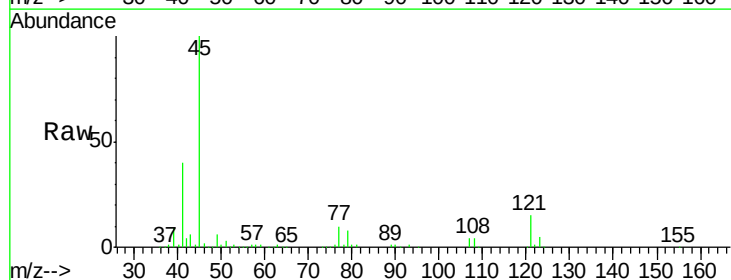
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

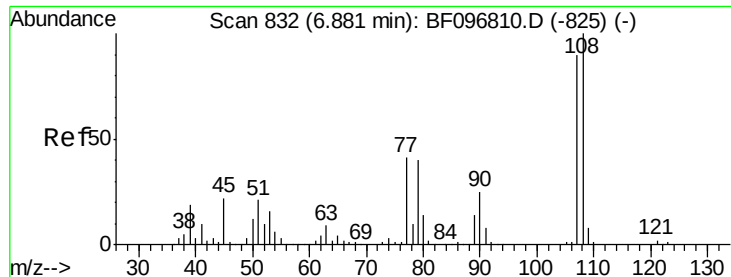
Tot Ion: 79 Resp: 165107
Ion Ratio Lower Upper
79 100
108 77.7 63.4 95.0
77 61.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.01 ng
RT: 6.89 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion: 45 Resp: 423702
Ion Ratio Lower Upper
45 100
77 10.4 0.0 33.2
79 8.3 0.0 30.0

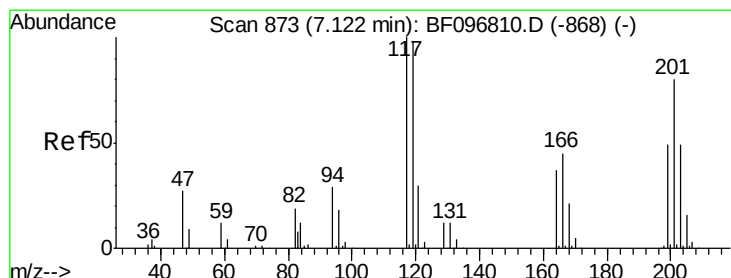
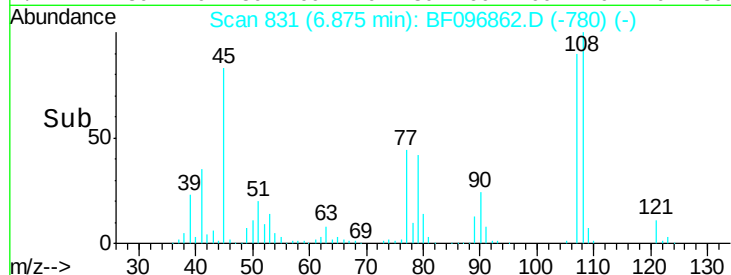
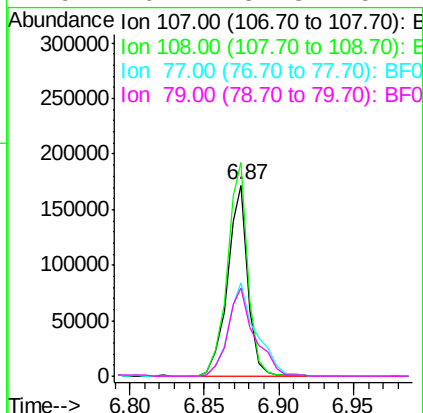
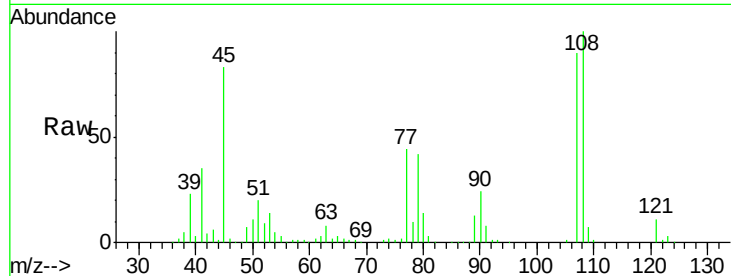




#17
2-Methylphenol
Concen: 37.67 ng
RT: 6.87 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

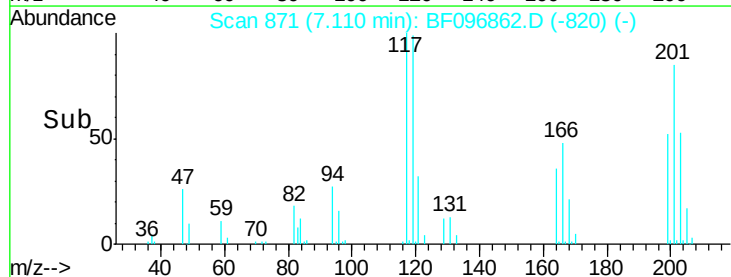
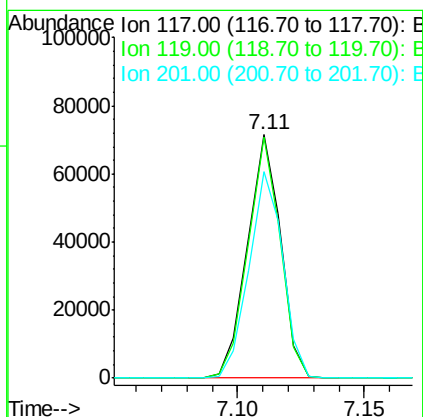
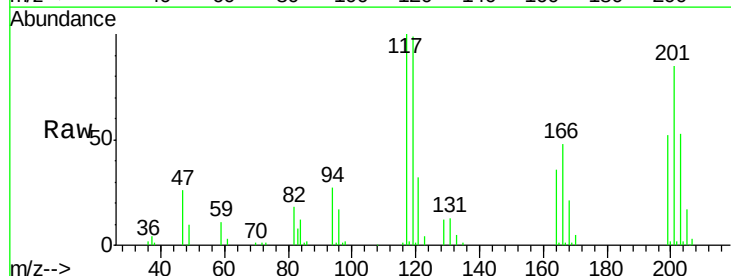
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

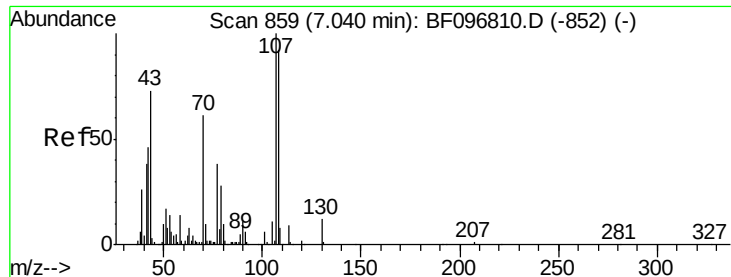
Tot Ion:107 Resp: 167297
Ion Ratio Lower Upper
107 100
108 111.6 93.4 140.0
77 48.8 35.8 53.6
79 46.4 34.8 52.2



#18
Hexachloroethane
Concen: 29.82 ng
RT: 7.11 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:117 Resp: 65000
Ion Ratio Lower Upper
117 100
119 98.9 77.4 116.0
201 84.7 94.6 141.8#

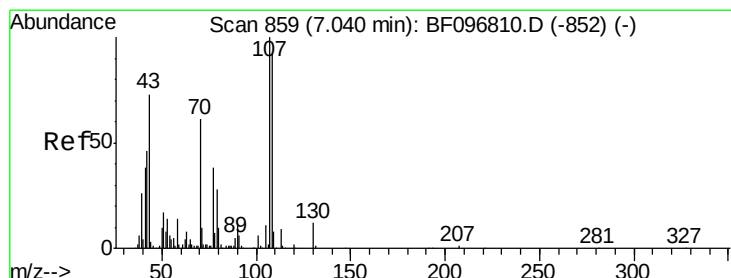
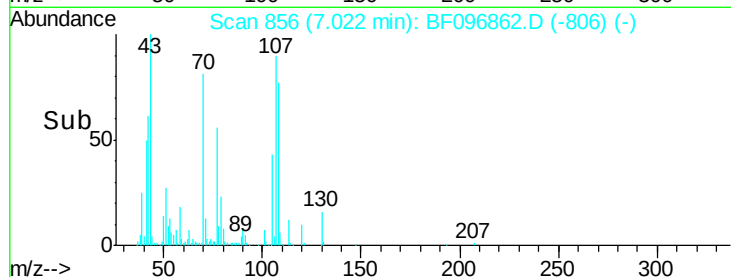
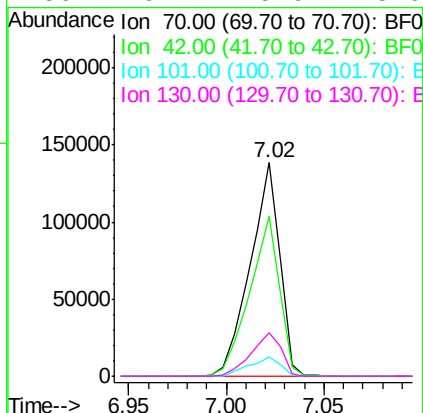
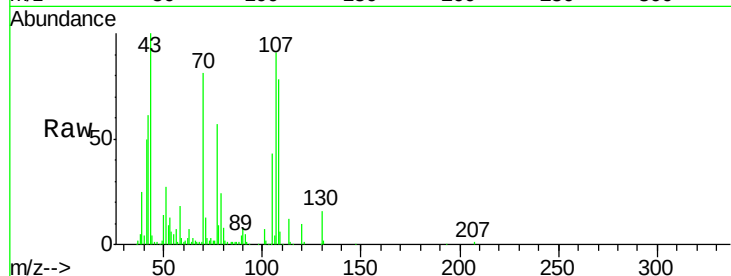




#19
n-Nitroso-di-n-propylamine
Concen: 37.82 ng
RT: 7.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

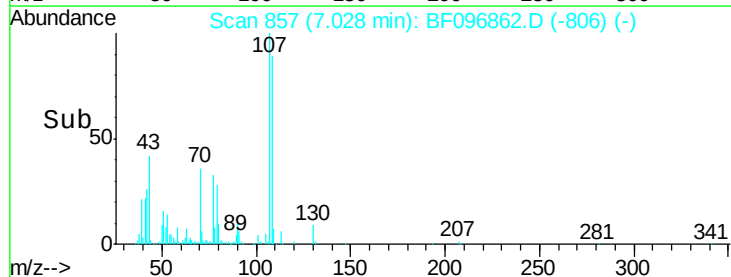
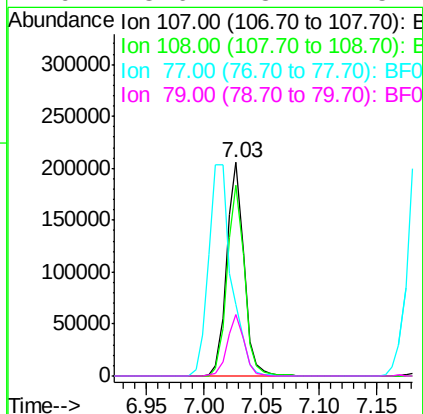
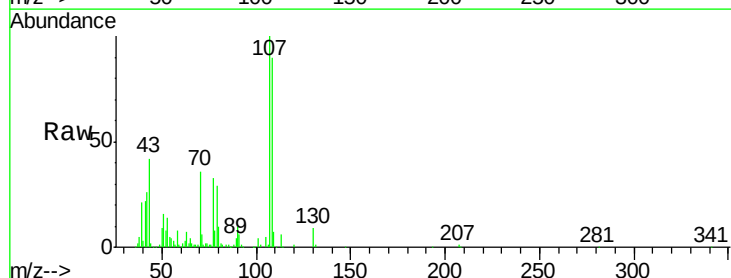
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

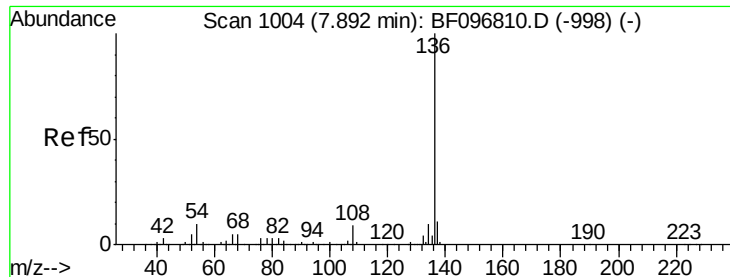
Tot Ion: 70 Resp: 144749
Ion Ratio Lower Upper
70 100
42 75.2 47.2 70.8#
101 9.1 7.2 10.8
130 20.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.61 ng
RT: 7.03 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion: 107 Resp: 213482
Ion Ratio Lower Upper
107 100
108 89.6 71.0 111.0
77 33.4 90.5 130.5#
79 28.6 8.4 48.4

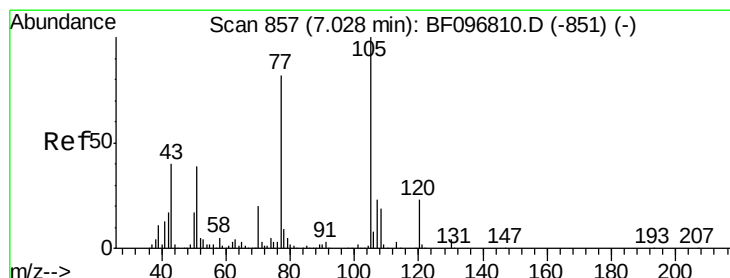
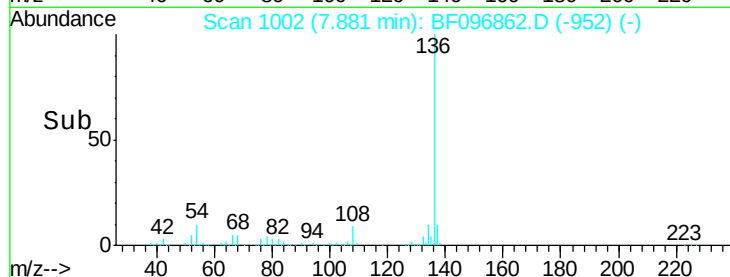
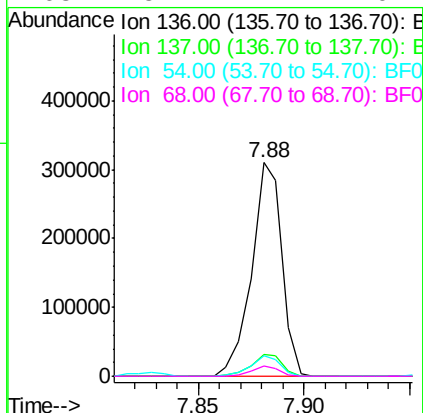
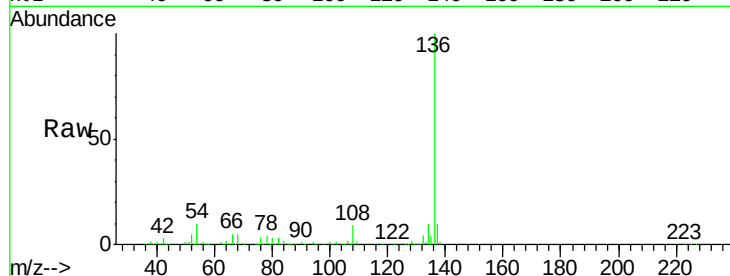




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

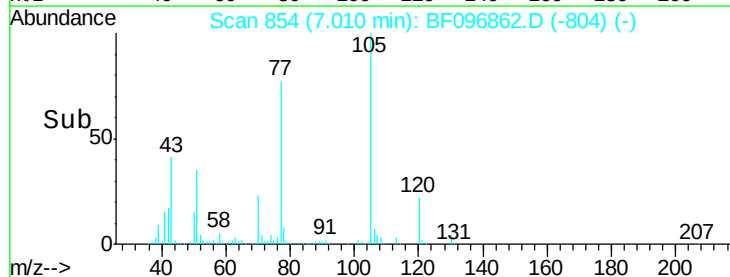
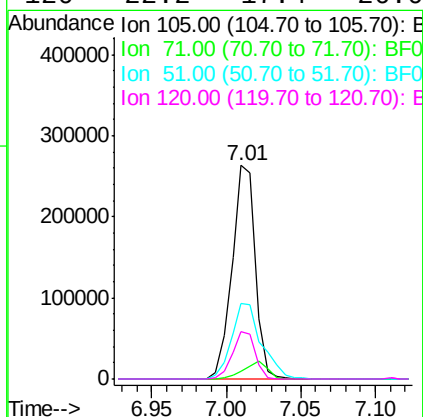
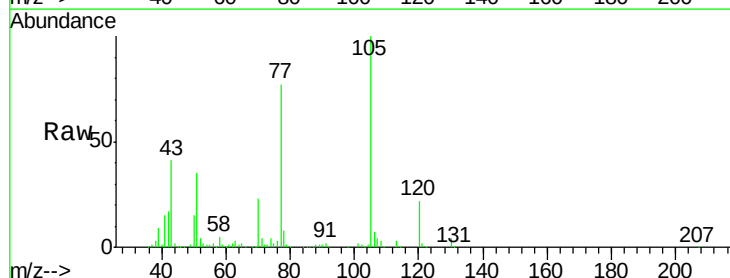
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

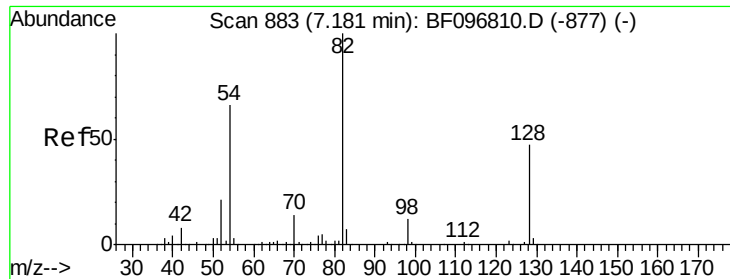
Tot Ion:136	Resp:	308133
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.5 12.7
54	9.7	4.9 7.3#
68	5.1	4.1 6.1



#22
Acetophenone
Concen: 41.97 ng
RT: 7.01 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:105	Resp:	289049
Ion Ratio	Lower	Upper
105	100	
71	3.5	2.8 4.2
51	35.3	30.7 46.1
120	22.2	17.4 26.0





#23

Nitrobenzene-d5

Concen: 83.29 ng

RT: 7.16 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

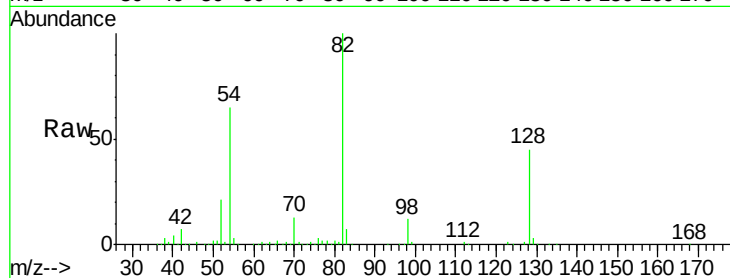
Tot Ion: 82 Resp: 414347

Ion Ratio Lower Upper

82 100

128 45.1 34.0 51.0

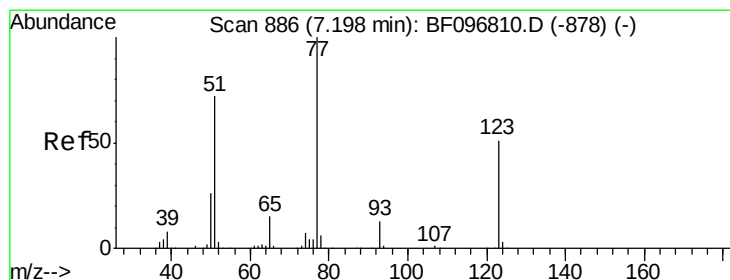
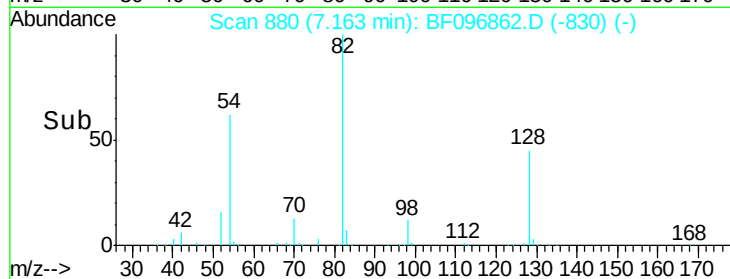
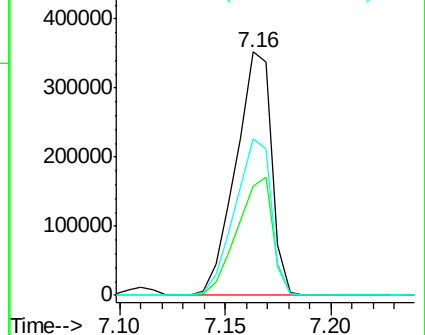
54 64.5 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 39.34 ng

RT: 7.19 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

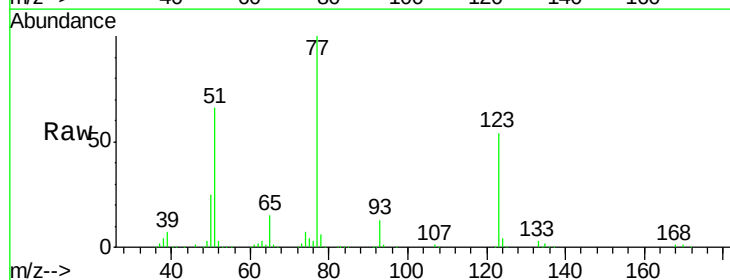
Tgt Ion: 77 Resp: 202417

Ion Ratio Lower Upper

77 100

123 54.0 35.8 53.8#

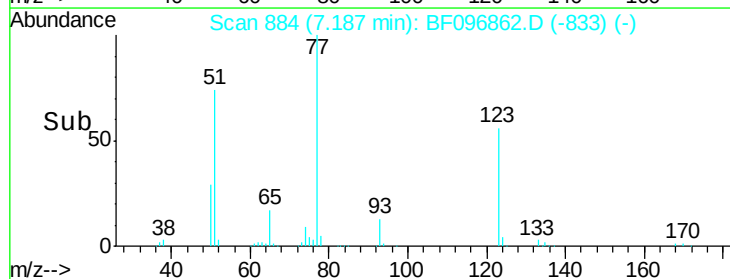
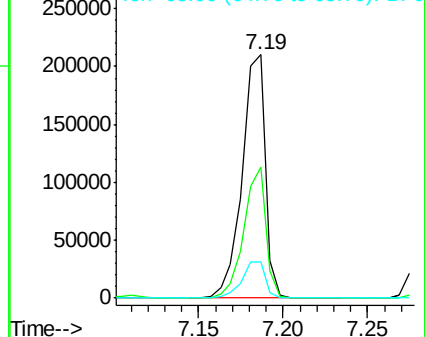
65 14.9 10.6 15.8

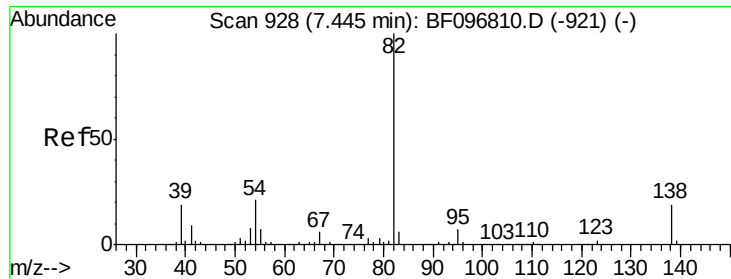


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.98 ng

RT: 7.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

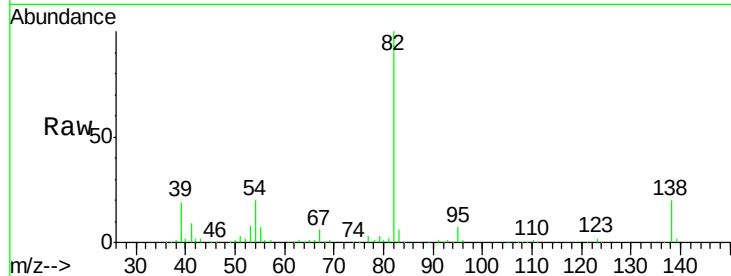
Tot Ion: 82 Resp: 369949

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

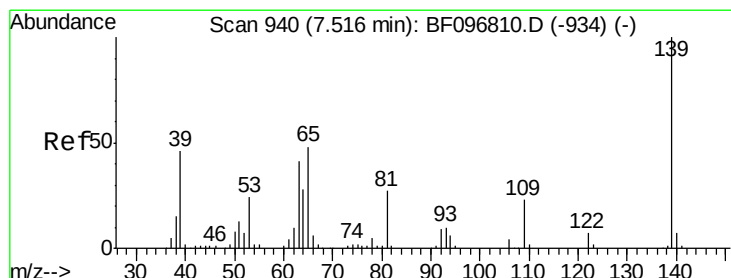
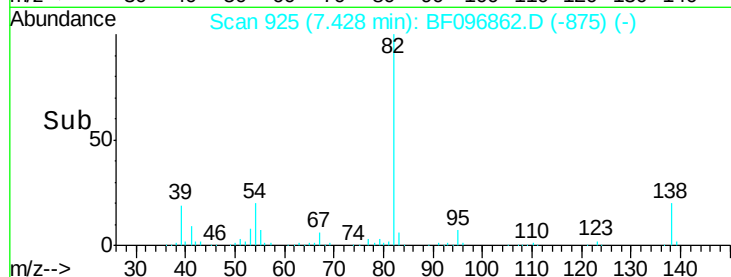
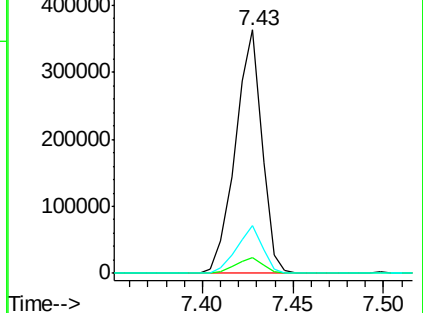
138 19.8 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 27.71 ng

RT: 7.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

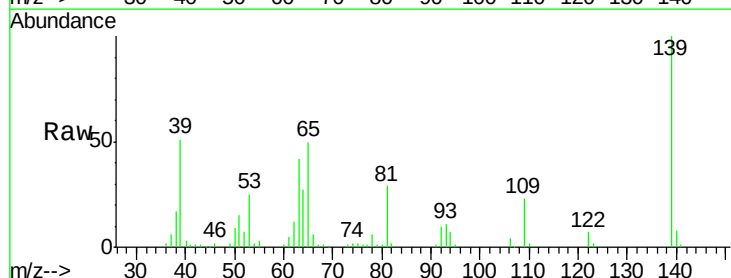
Tgt Ion: 139 Resp: 79284

Ion Ratio Lower Upper

139 100

109 22.5 21.0 31.6

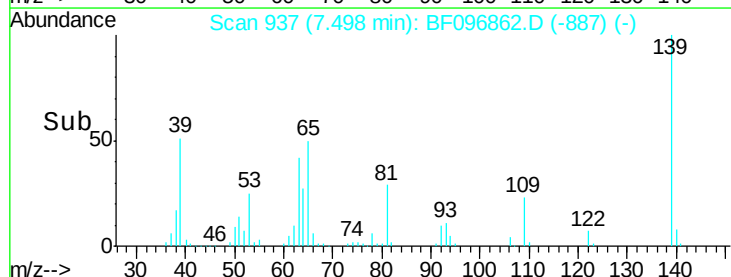
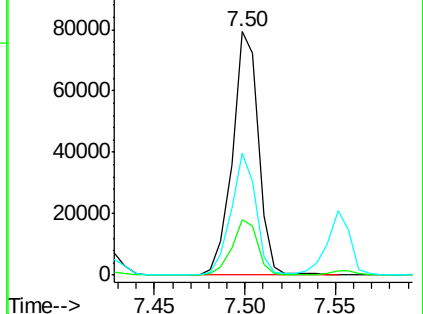
65 50.2 33.0 49.6#

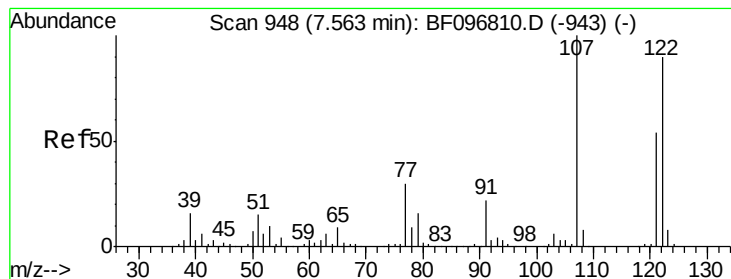


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.79 ng

RT: 7.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

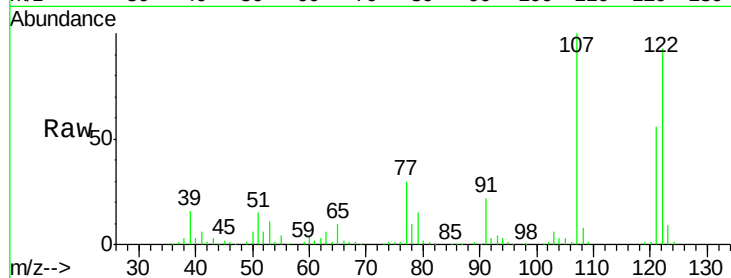
Tot Ion:122 Resp: 187246

Ion Ratio Lower Upper

122 100

107 107.0 89.2 133.8

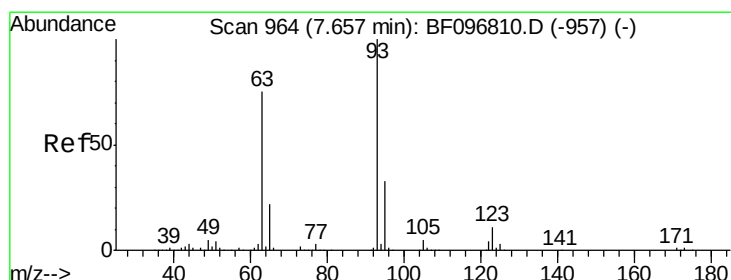
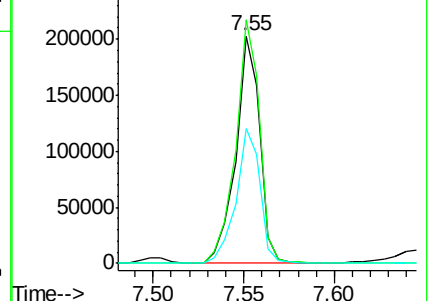
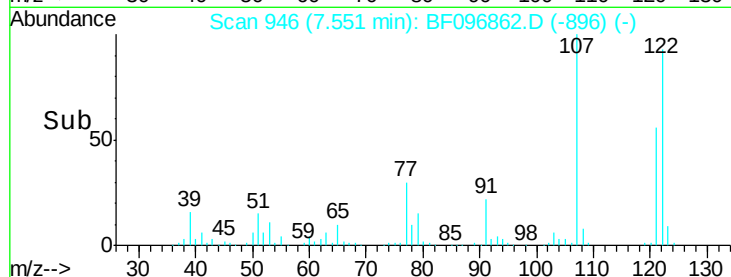
121 59.4 45.2 67.8



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: 40.89 ng

RT: 7.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

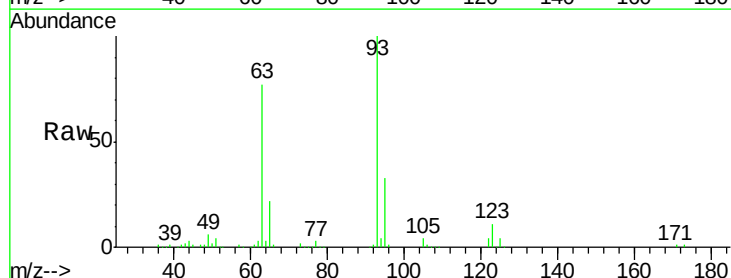
Tgt Ion: 93 Resp: 255722

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

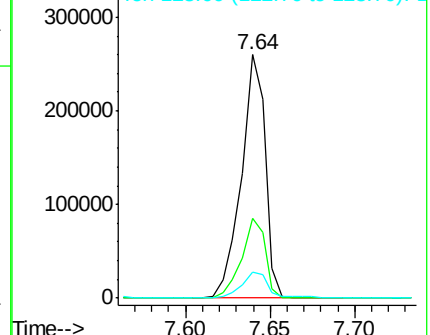
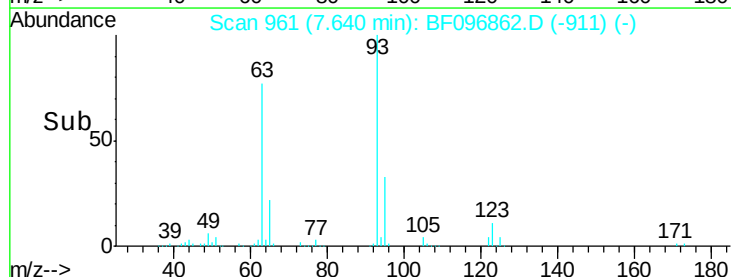
123 10.6 9.0 13.4

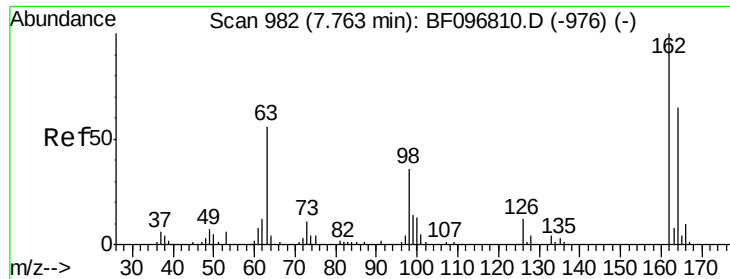


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

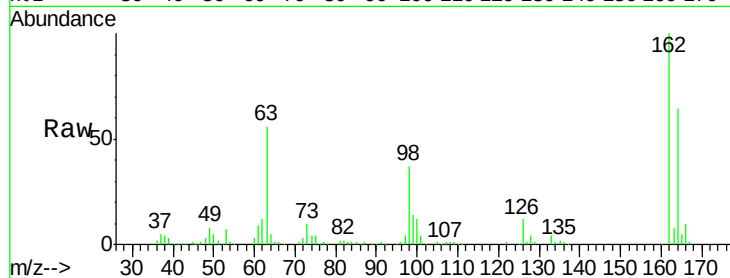




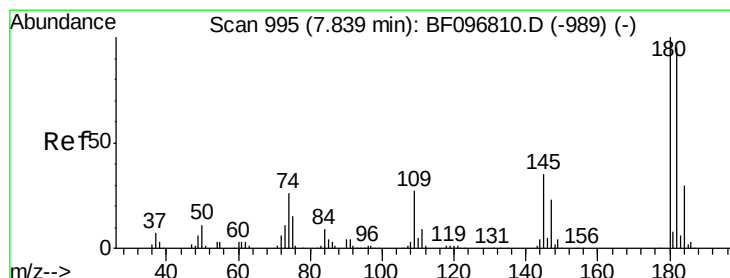
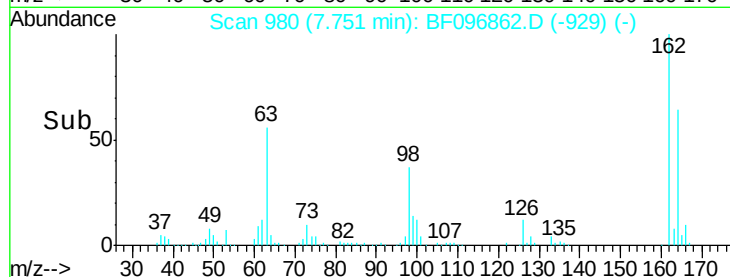
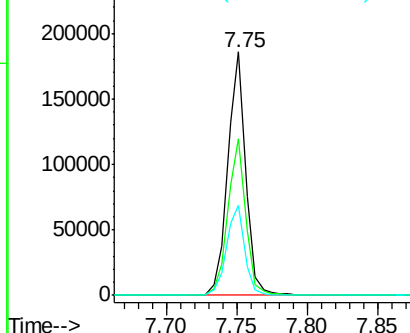
#29
 2,4-Dichlorophenol
 Concen: 38.47 ng
 RT: 7.75 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	36.9	14.8	54.8

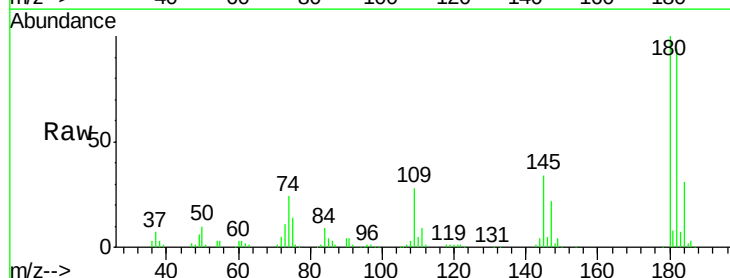


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

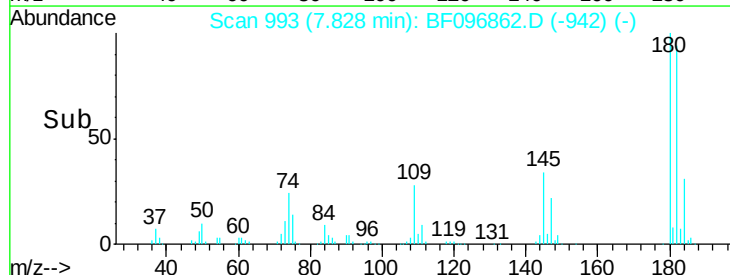
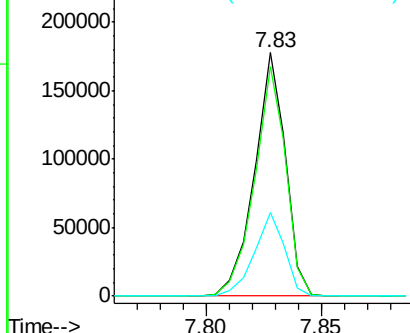


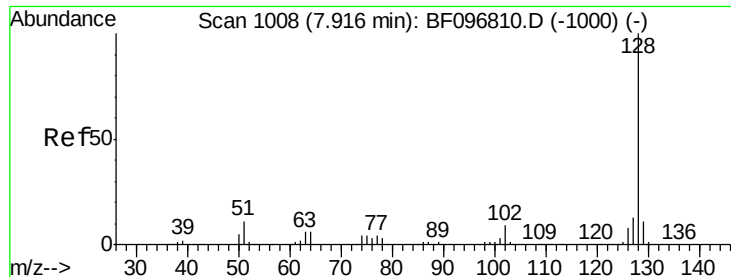
#30
 1,2,4-Trichlorobenzene
 Concen: 40.91 ng
 RT: 7.83 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	34.3	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: 40.80 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

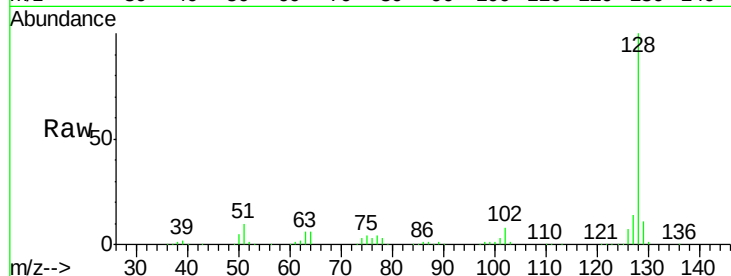
Tot Ion:128 Resp: 595609

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

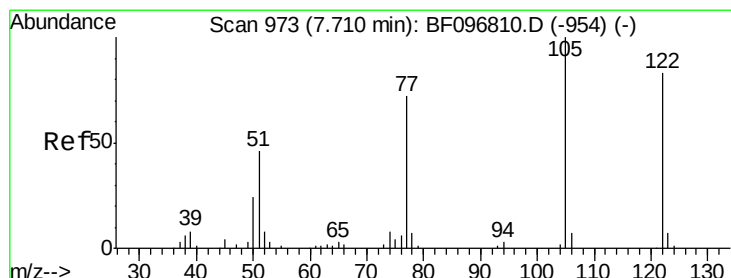
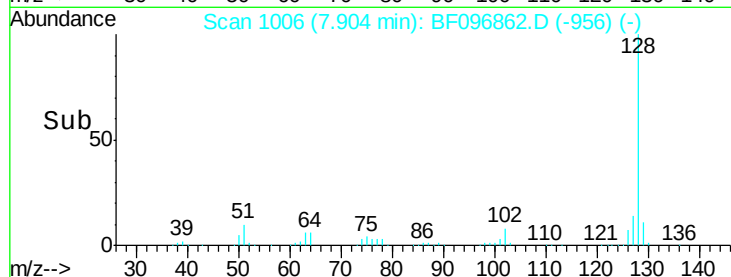
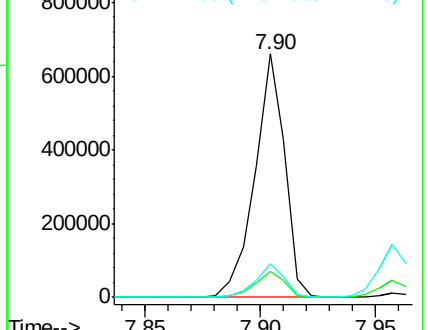
127 13.6 10.8 16.2



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: 18.01 ng

RT: 7.67 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

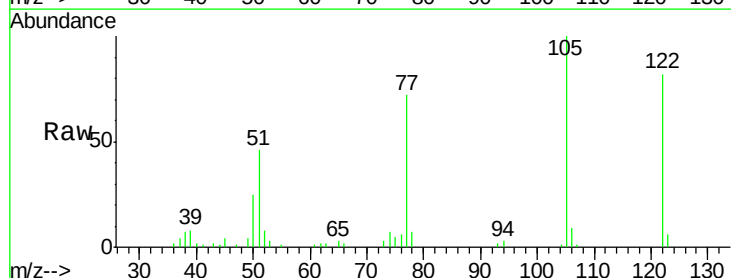
Tgt Ion:122 Resp: 54189

Ion Ratio Lower Upper

122 100

105 122.4 103.3 143.3

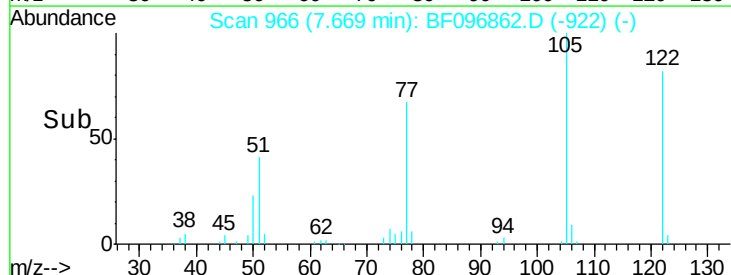
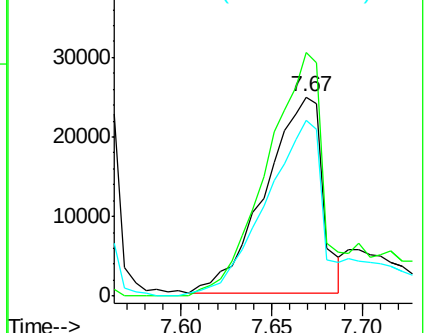
77 88.3 73.7 113.7

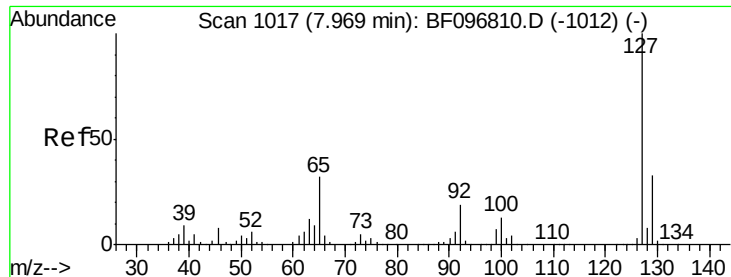


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

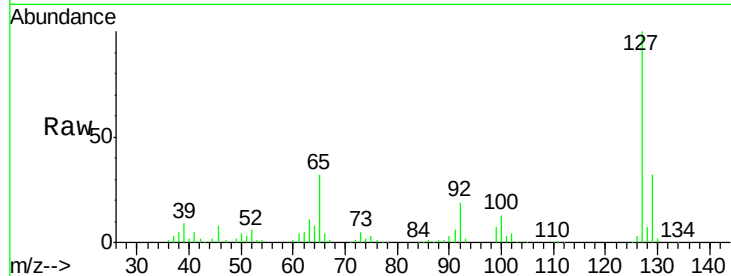




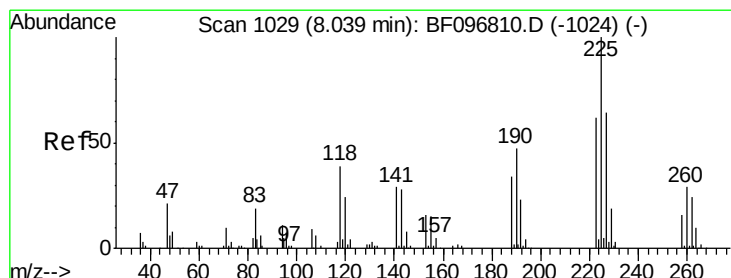
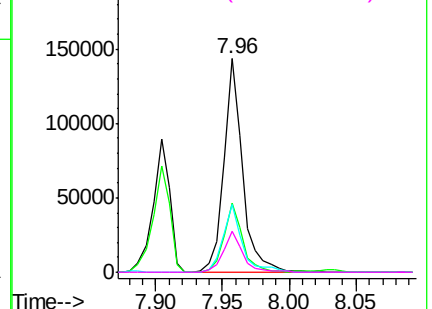
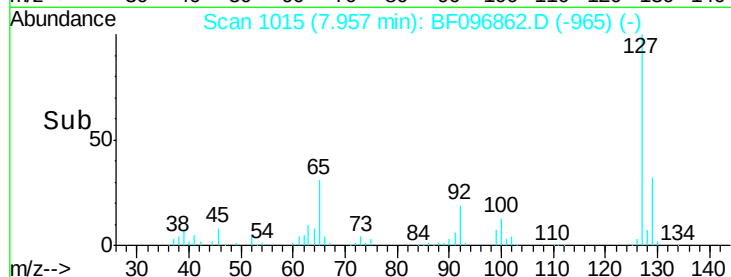
#33
4-Chloroaniline
Concen: 24.66 ng
RT: 7.96 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:	127	Resp:	142627
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	31.6	27.8	41.8
92	19.2	16.8	25.2

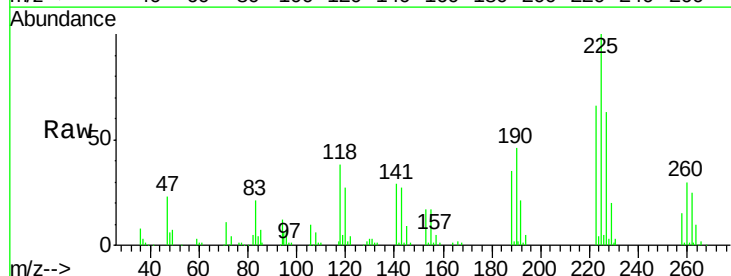


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

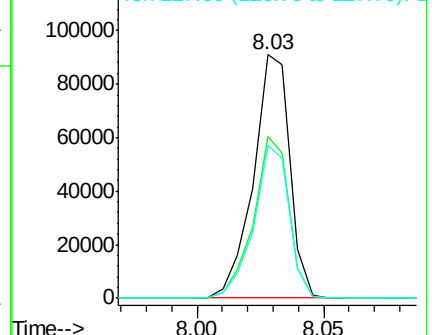
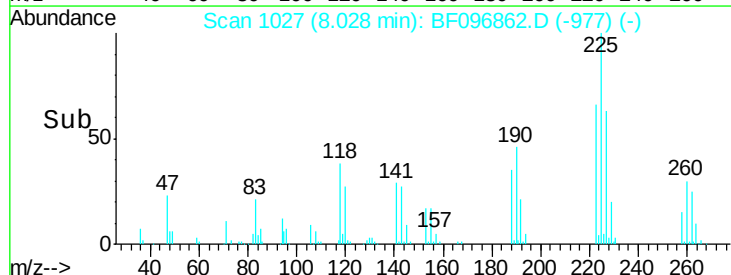


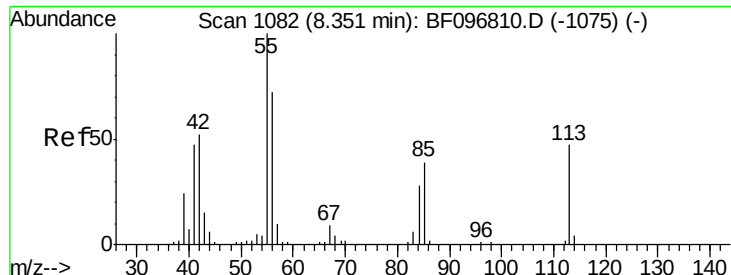
#34
Hexachlorobutadiene
Concen: 42.05 ng
RT: 8.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:	225	Resp:	90928
Ion	Ratio	Lower	Upper
225	100		
223	66.3	48.8	73.2
227	63.0	51.1	76.7



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





#35

Caprolactam

Concen: 32.79 ng

RT: 8.33 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

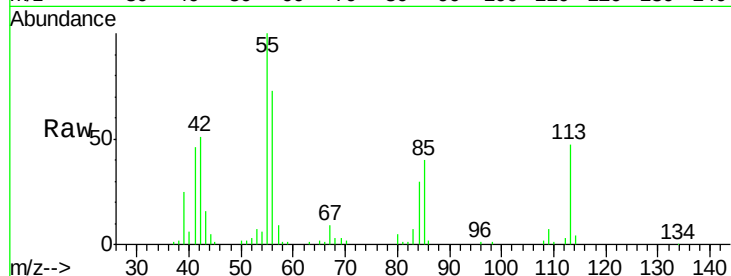
Tot Ion:113 Resp: 44760

Ion Ratio Lower Upper

113 100

55 211.7 150.2 190.2#

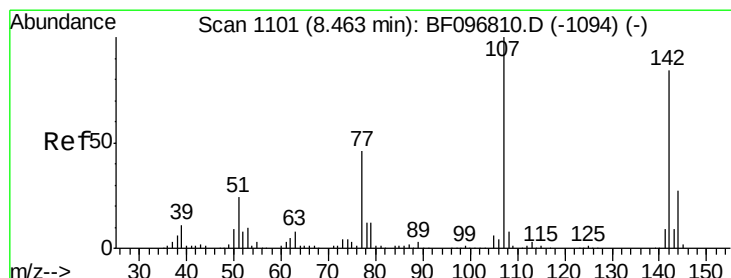
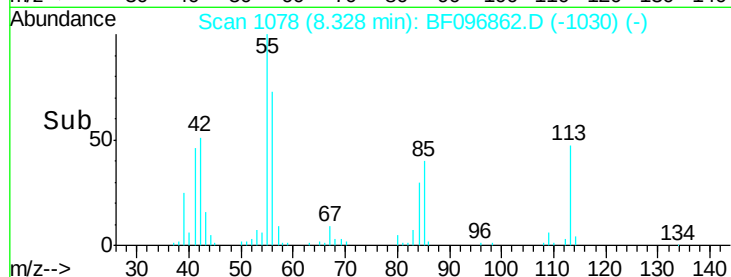
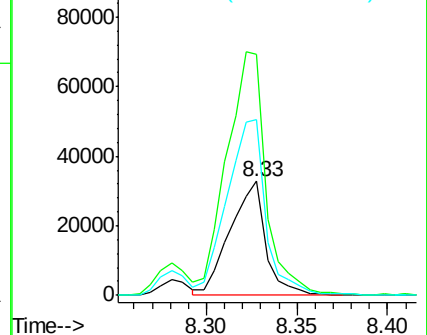
56 153.7 107.8 147.8#



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: 35.29 ng

RT: 8.45 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

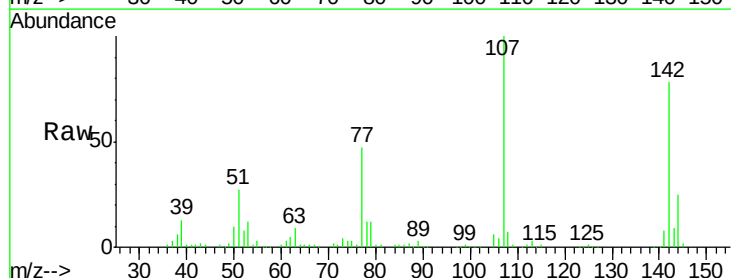
Tgt Ion:107 Resp: 161663

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

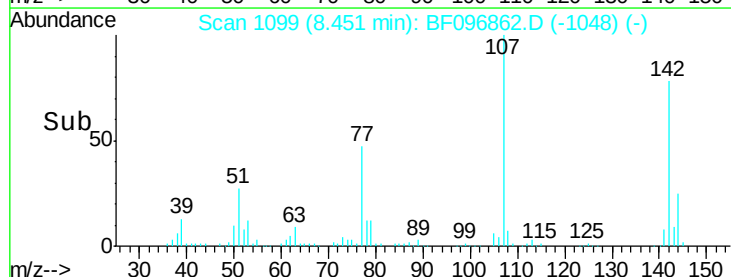
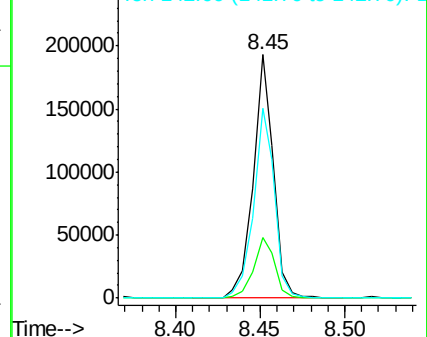
142 77.9 73.4 110.0

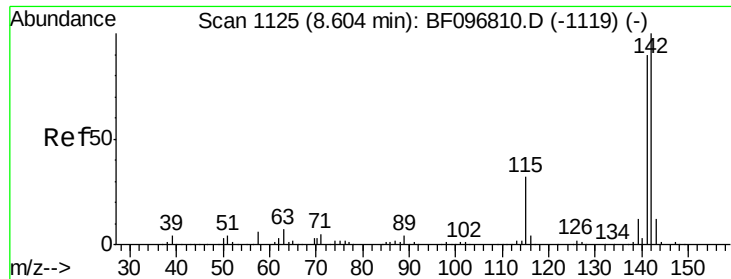


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

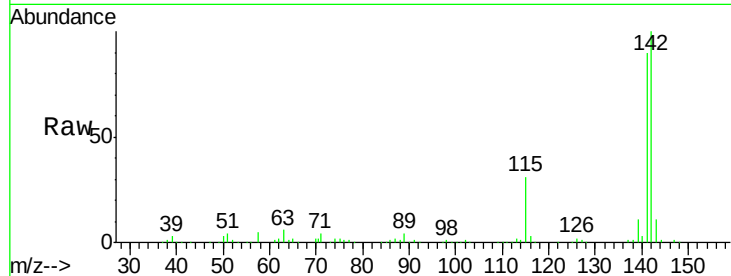




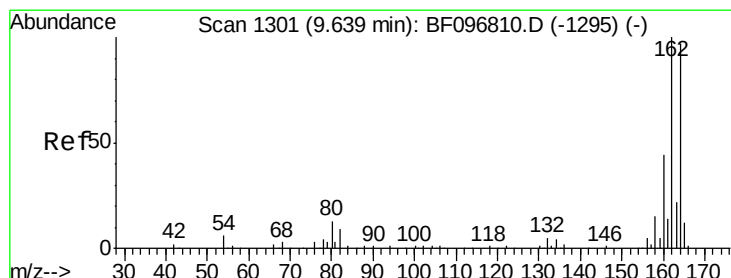
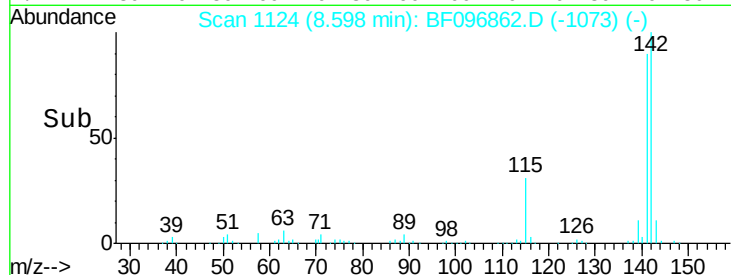
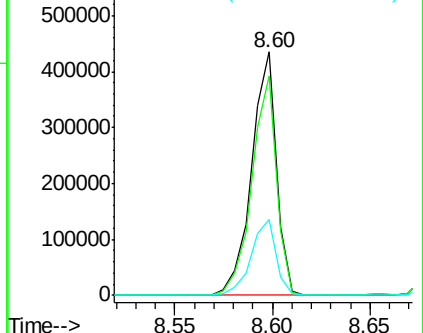
#37
 2-Methylnaphthalene
 Concen: 41.24 ng
 RT: 8.60 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	31.3	27.1	40.7

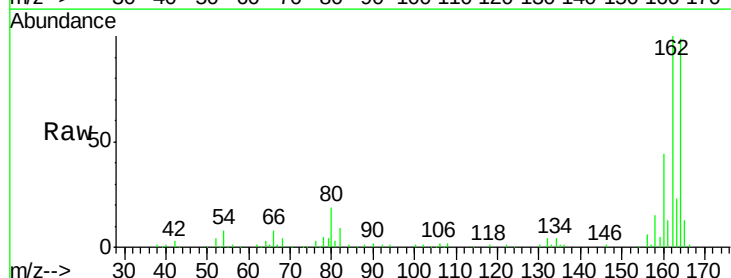


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

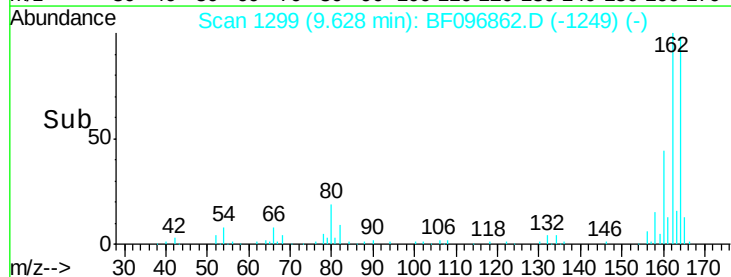
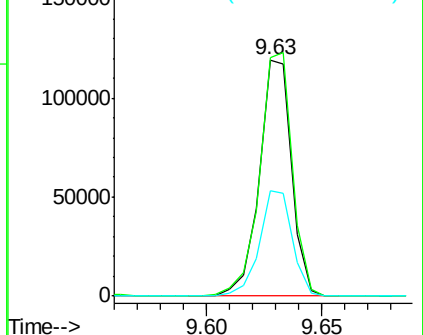


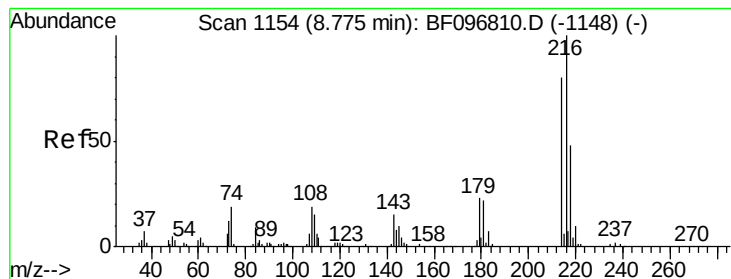
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	123.8
160	44.9	36.2	54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.32 ng

RT: 8.76 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

Tot Ion:216 Resp: 138984

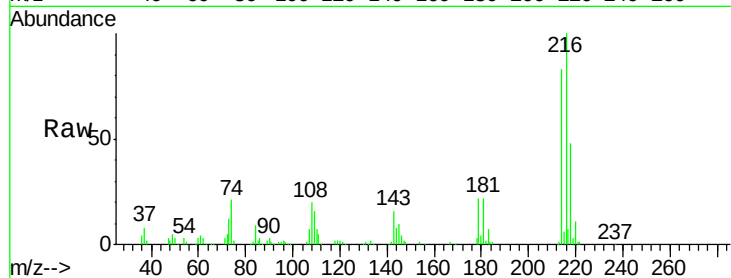
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 21.9 17.9 26.9

108 18.7 16.5 24.7

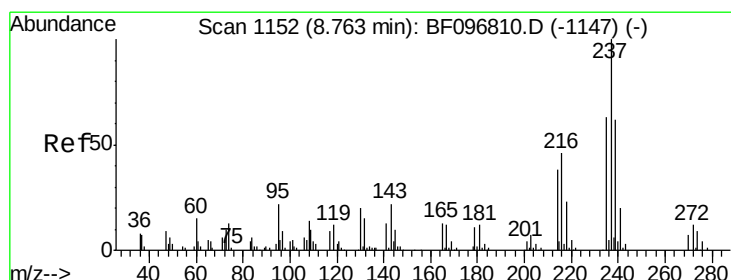
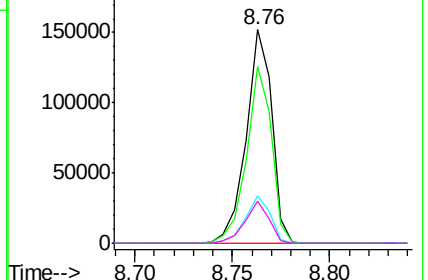
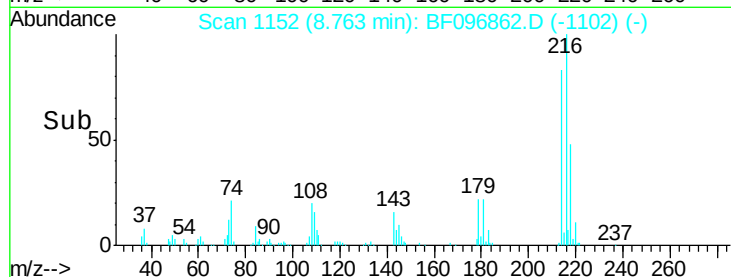


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.11 ng

RT: 8.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

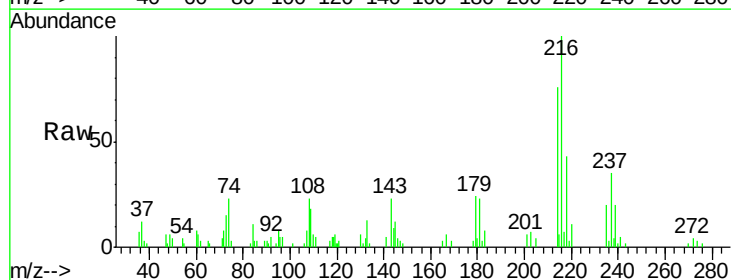
Tgt Ion:237 Resp: 7706

Ion Ratio Lower Upper

237 100

235 58.2 42.6 82.6

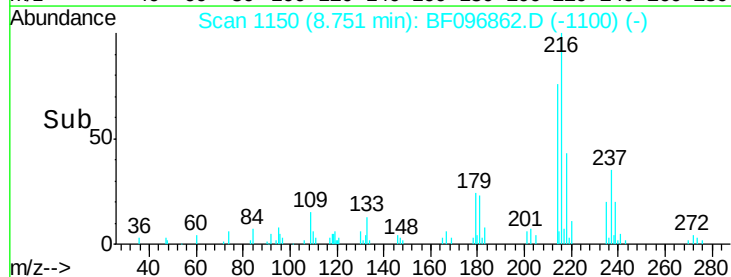
272 11.0 0.0 31.9



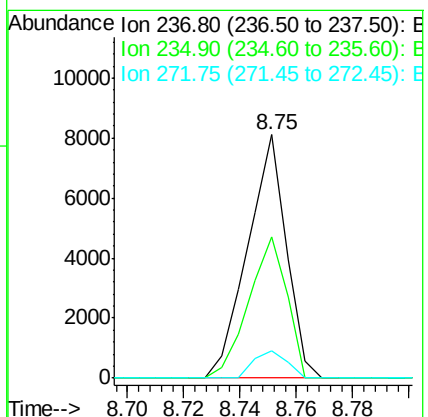
Abundance Ion 236.80 (236.50 to 237.50): E

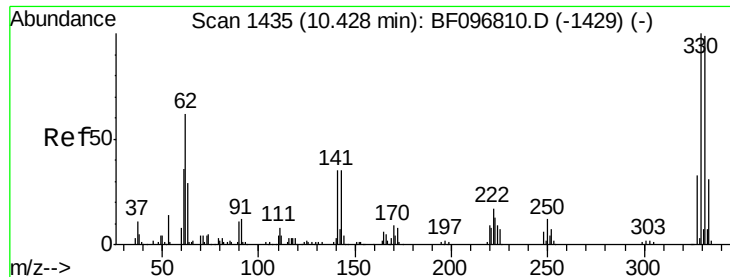
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 74.95 ng

RT: 10.42 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

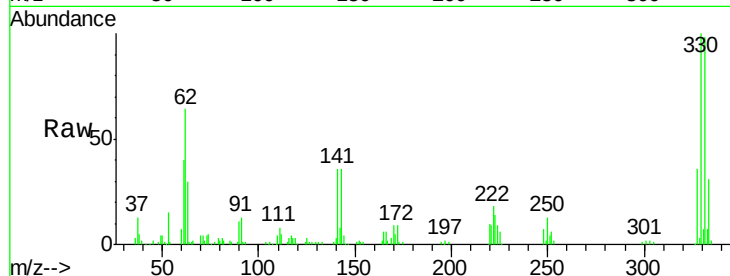
Tot Ion:330 Resp: 74213

Ion Ratio Lower Upper

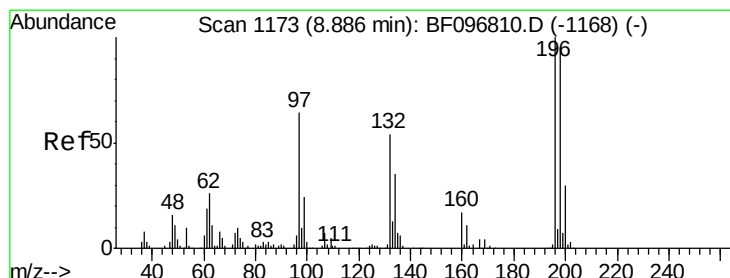
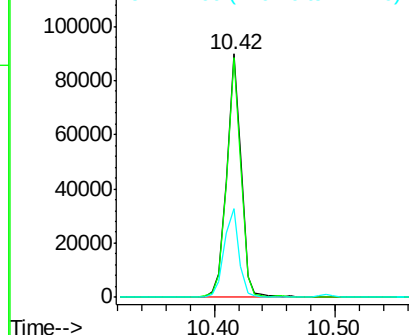
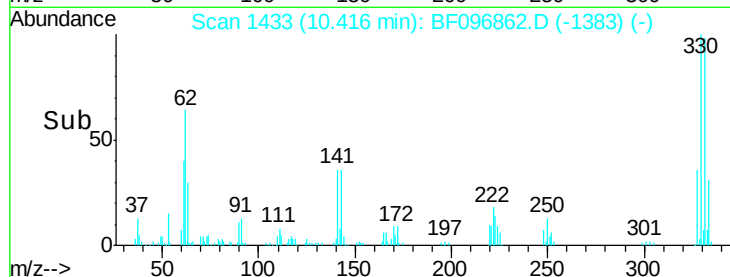
330 100

332 96.1 76.6 115.0

141 36.3 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: 38.64 ng

RT: 8.88 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

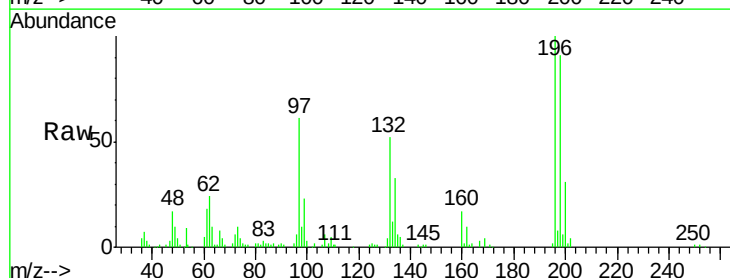
Tgt Ion:196 Resp: 89372

Ion Ratio Lower Upper

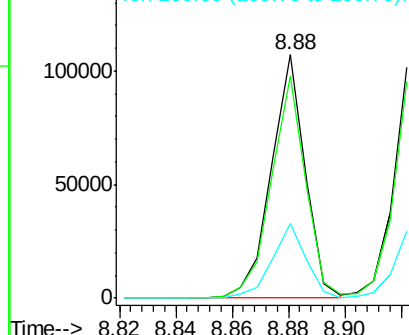
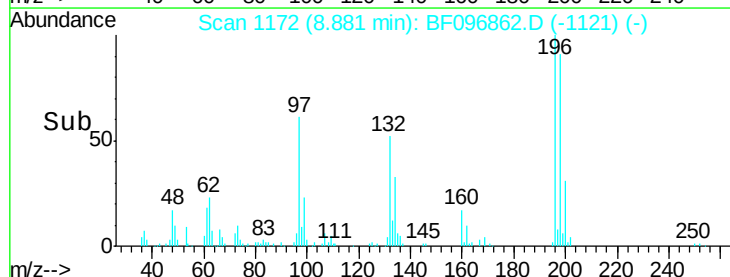
196 100

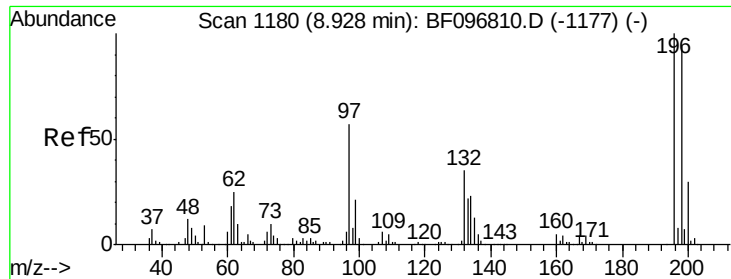
198 90.9 74.2 111.4

200 30.5 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

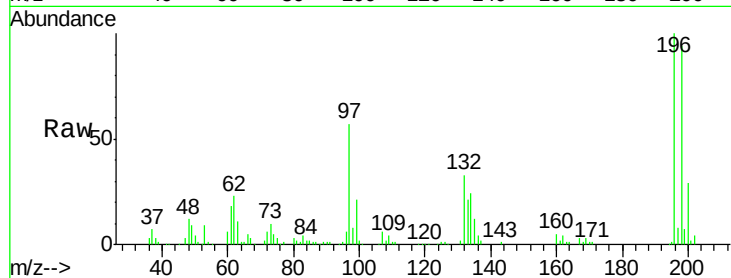




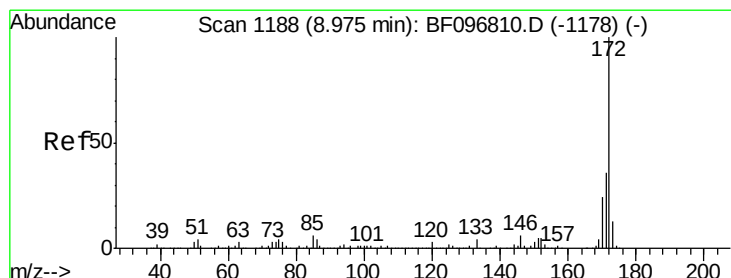
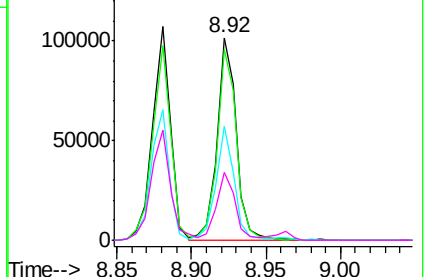
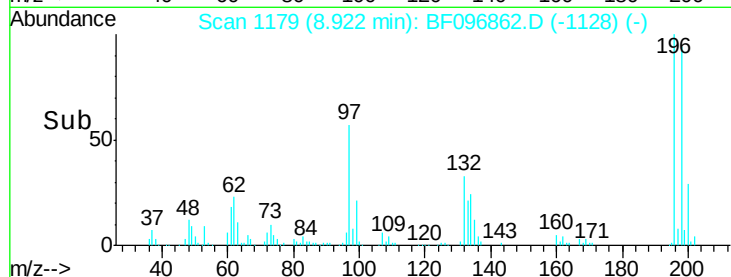
#43
 2,4,5-Trichlorophenol
 Concen: 39.42 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion:196 Resp: 91960
 Ion Ratio Lower Upper
 196 100
 198 94.0 75.7 113.5
 97 56.5 47.7 71.5
 132 33.4 28.0 42.0

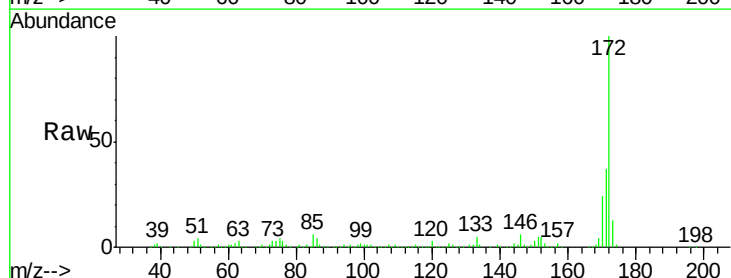


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

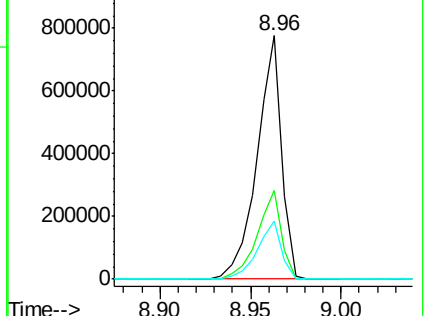
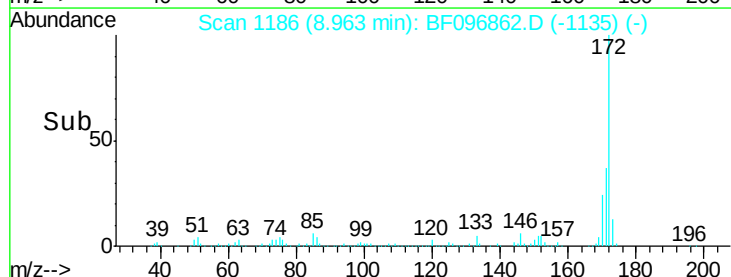


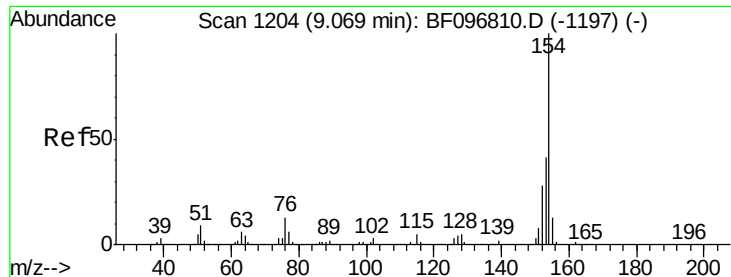
#44
 2-Fluorobiphenyl
 Concen: 99.09 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:172 Resp: 727488
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.6 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: 42.49 ng

RT: 9.06 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

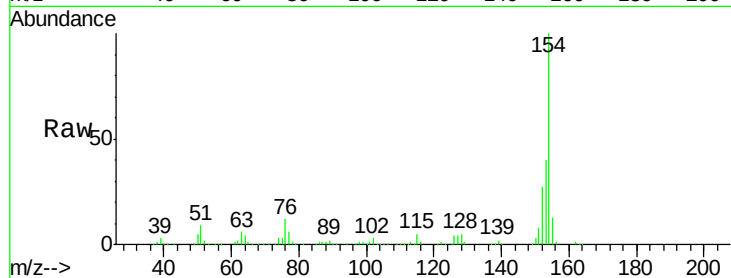
Tot Ion:154 Resp: 422753

Ion Ratio Lower Upper

154 100

153 40.0 21.2 61.2

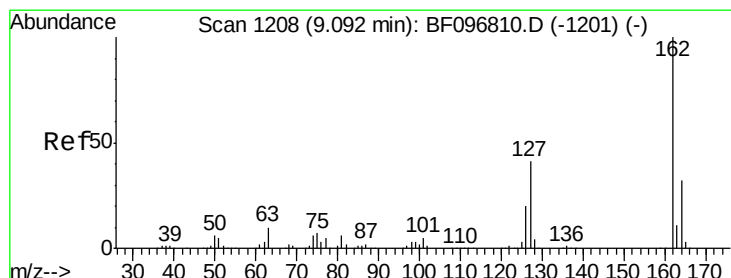
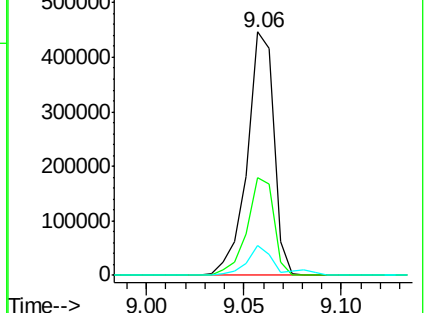
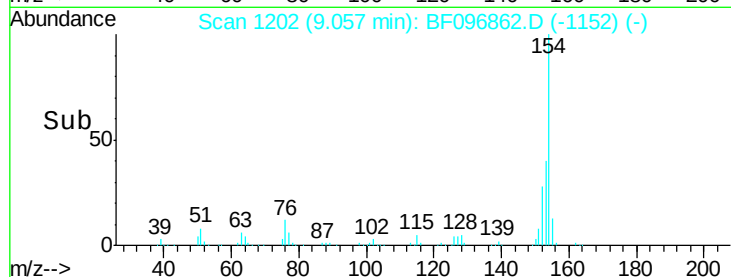
76 12.1 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 42.50 ng

RT: 9.08 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

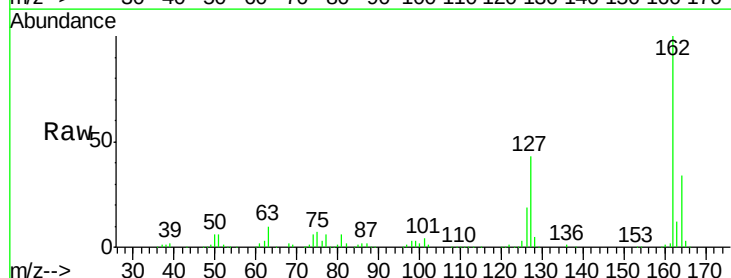
Tgt Ion:162 Resp: 311343

Ion Ratio Lower Upper

162 100

127 42.8 28.3 42.5#

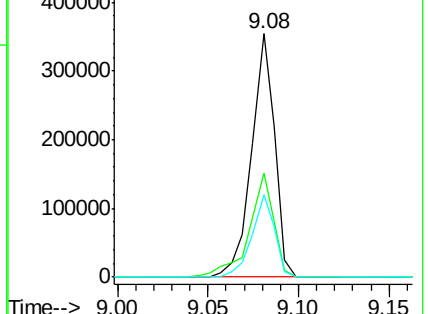
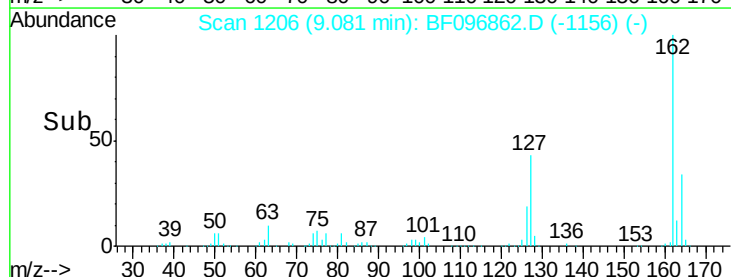
164 33.6 27.0 40.4

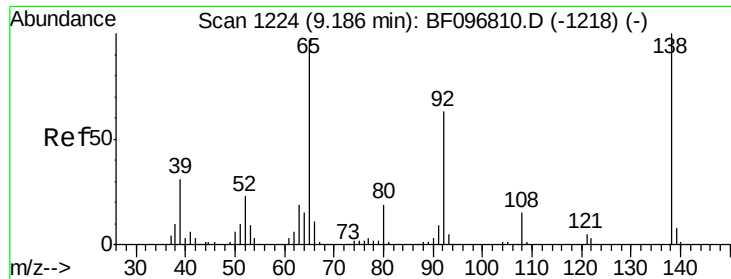


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 42.79 ng

RT: 9.18 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

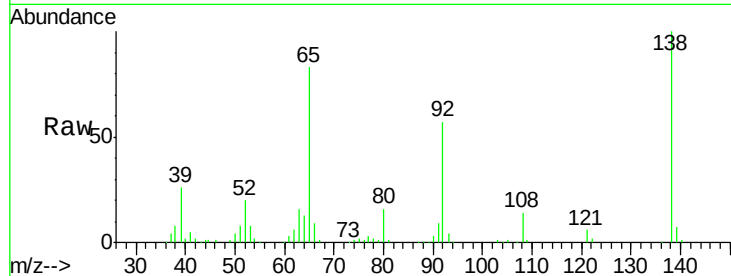
Tot Ion: 65 Resp: 107744

Ion Ratio Lower Upper

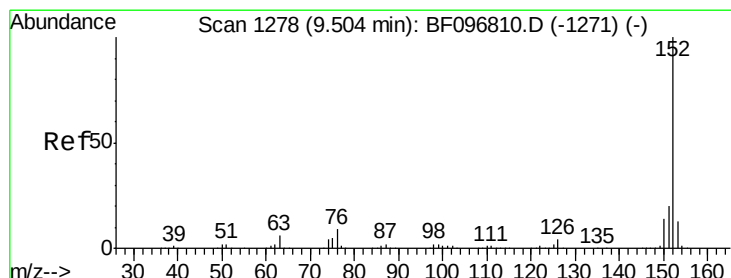
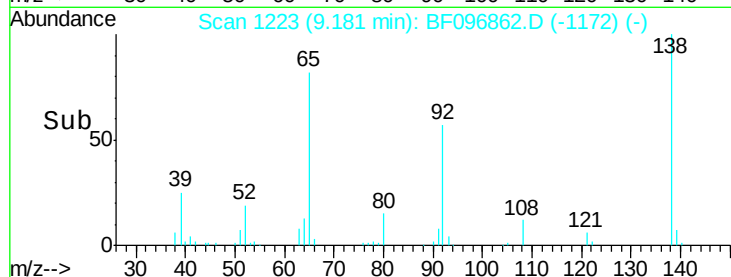
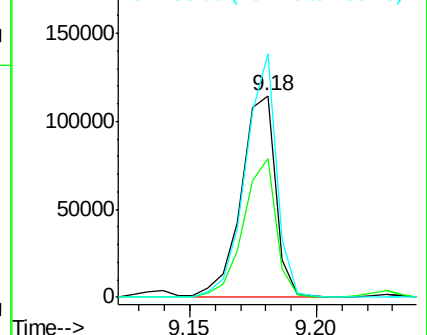
65 100

92 68.6 53.9 80.9

138 120.6 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.78 ng

RT: 9.49 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

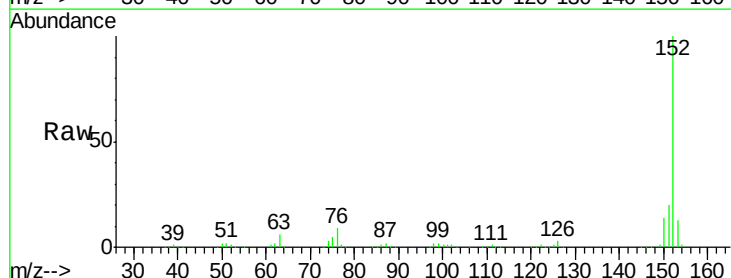
Tgt Ion: 152 Resp: 475989

Ion Ratio Lower Upper

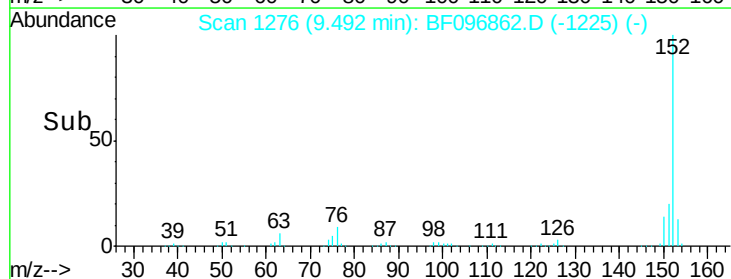
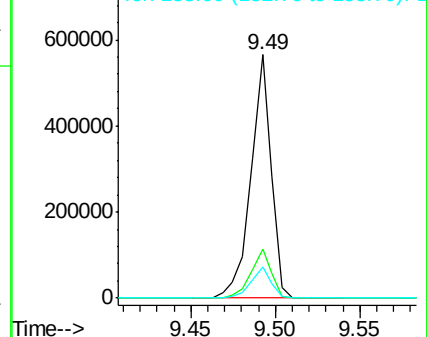
152 100

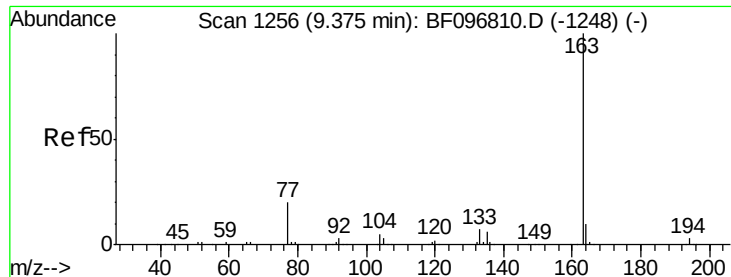
151 20.4 16.8 25.2

153 12.9 10.8 16.2



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

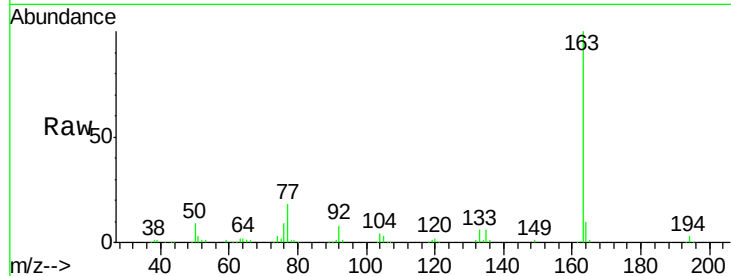




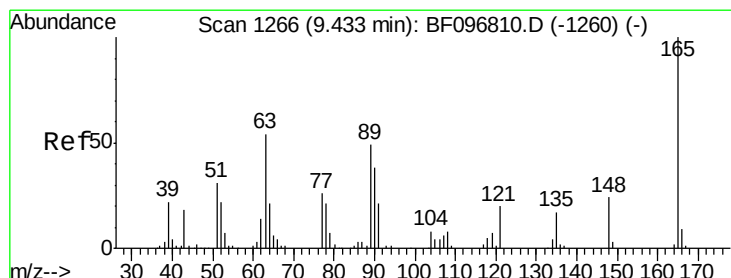
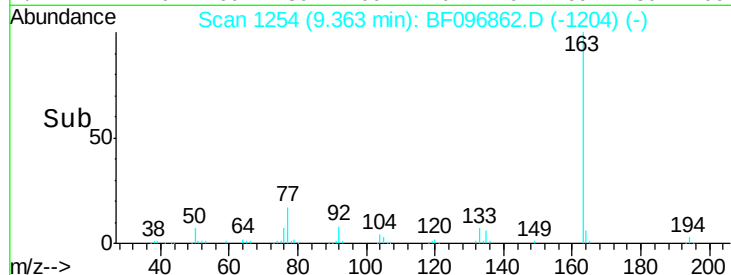
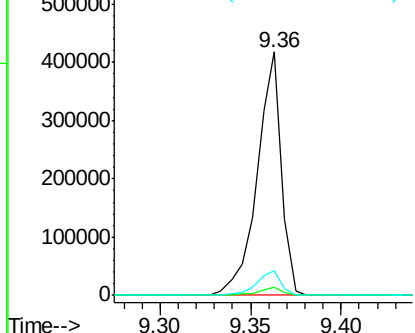
#49
Dimethylphthalate
Concen: 44.29 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:163 Resp: 386821
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6

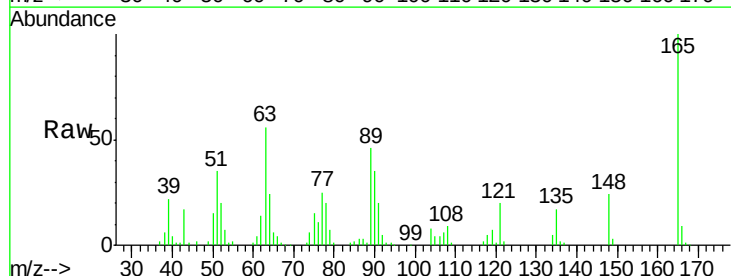


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

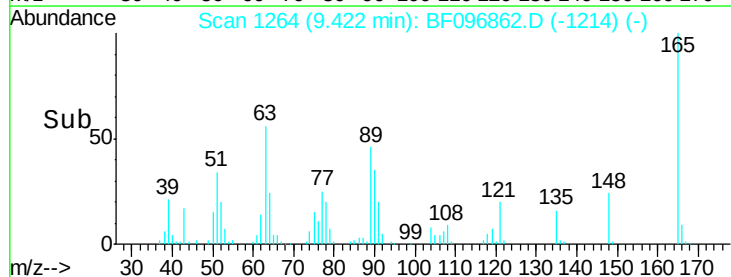
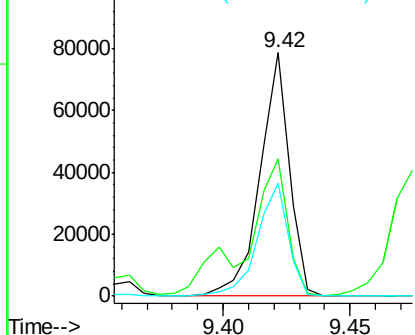


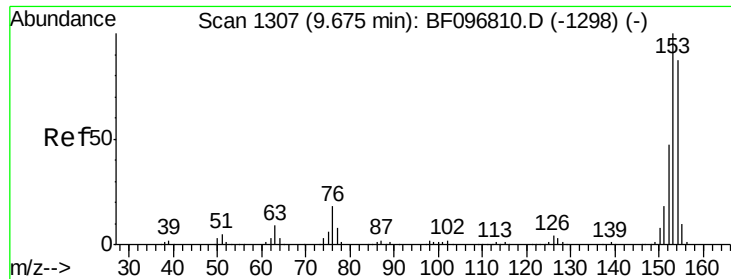
#50
2,6-Dinitrotoluene
Concen: 33.94 ng
RT: 9.42 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:165 Resp: 64200
Ion Ratio Lower Upper
165 100
63 56.2 34.3 51.5#
89 46.4 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: 39.21 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

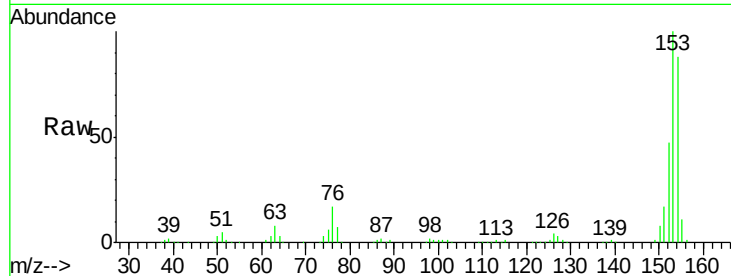
Tot Ion:154 Resp: 270344

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

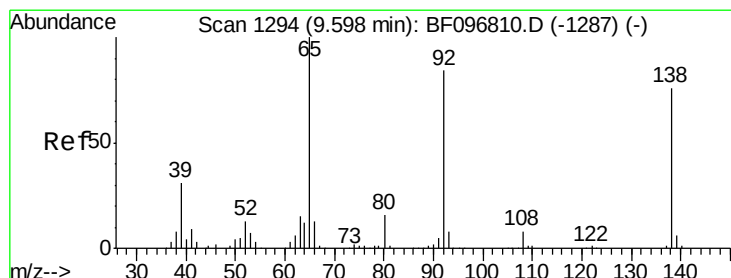
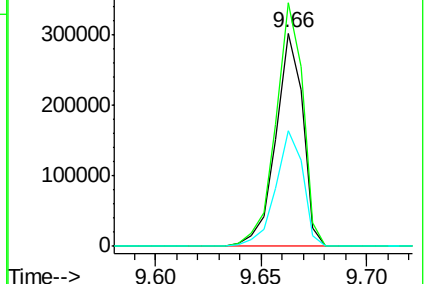
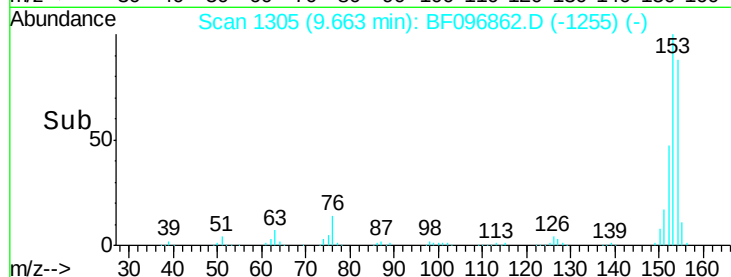
152 54.1 43.6 65.4



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: 43.36 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

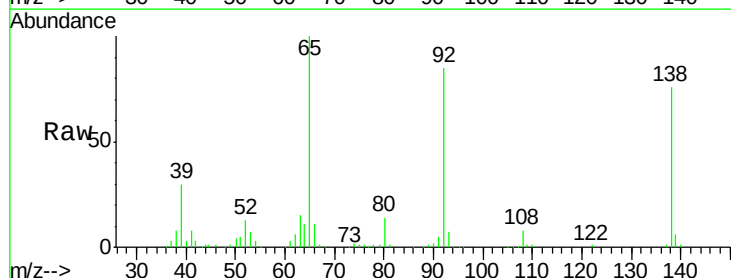
Tgt Ion:138 Resp: 97179

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

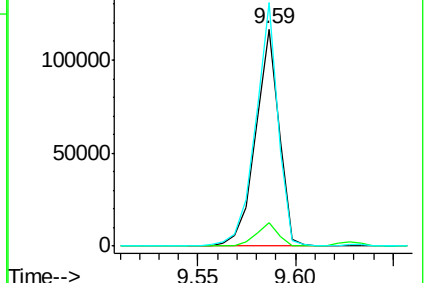
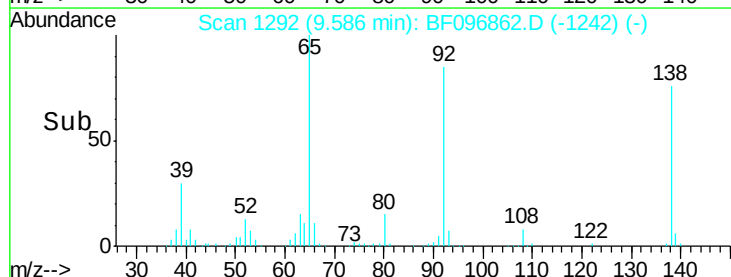
92 112.1 93.8 140.6

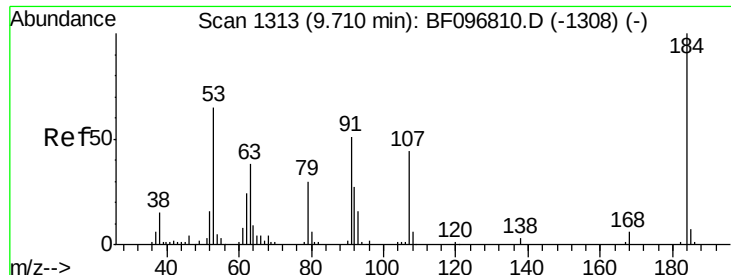


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

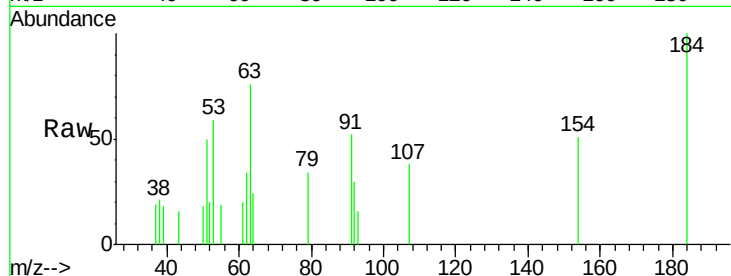




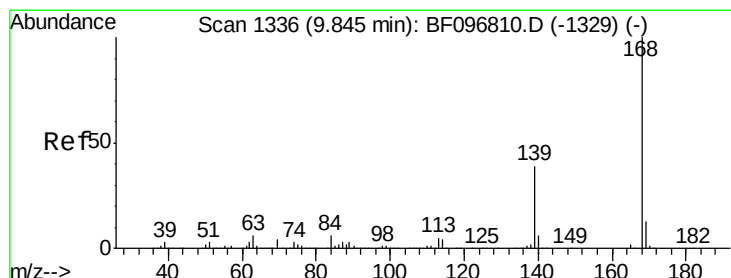
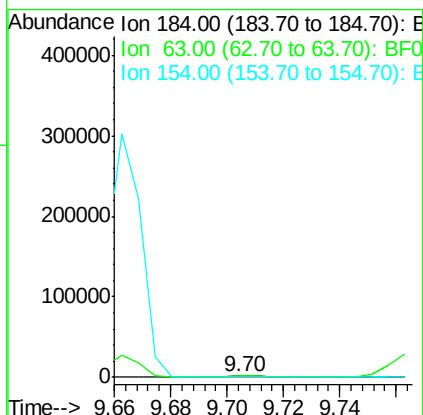
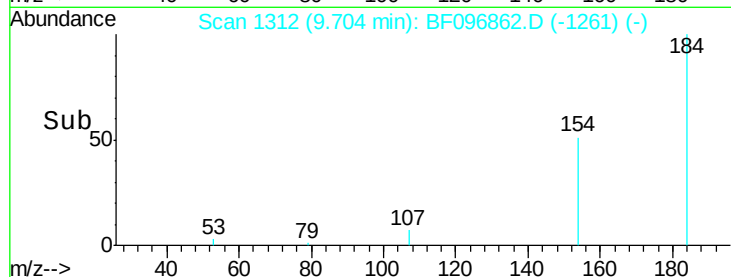
#53
2,4-Dinitrophenol
Concen: 8.63 ng
RT: 9.70 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:184 Resp: 1932
Ion Ratio Lower Upper
184 100
63 76.4 62.7 94.1
154 51.0 81.1 121.7#

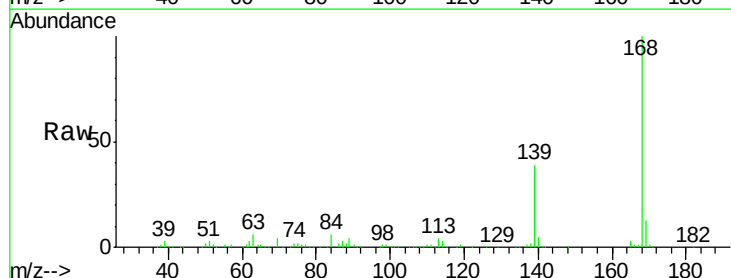


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

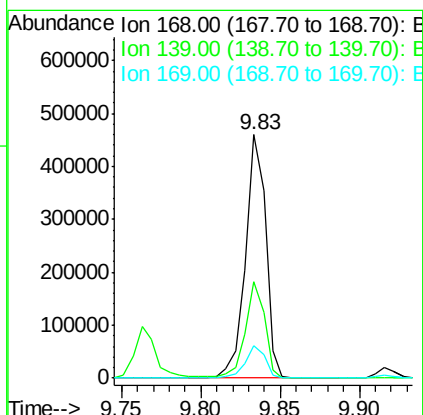
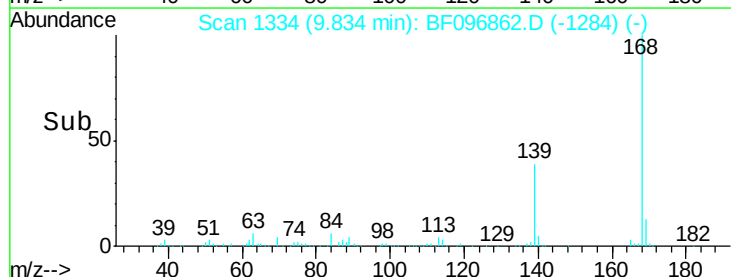


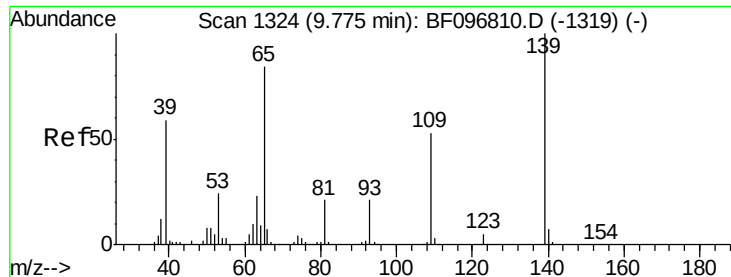
#54
Dibenzofuran
Concen: 41.89 ng
RT: 9.83 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:168 Resp: 404747
Ion Ratio Lower Upper
168 100
139 39.5 30.6 45.8
169 13.3 10.8 16.2



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





#55

4-Nitrophenol

Concen: 55.61 ng

RT: 9.76 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

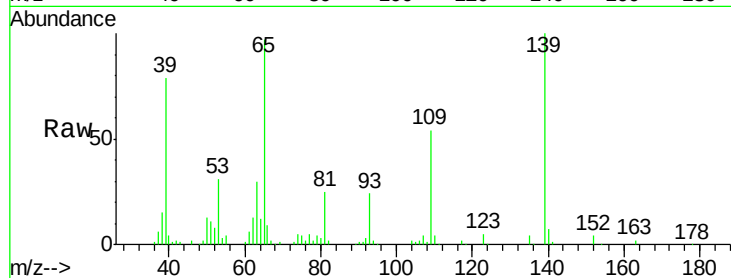
Tot Ion:139 Resp: 91047

Ion Ratio Lower Upper

139 100

109 54.5 34.1 74.1

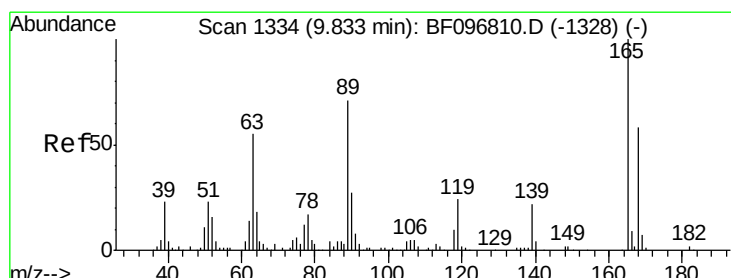
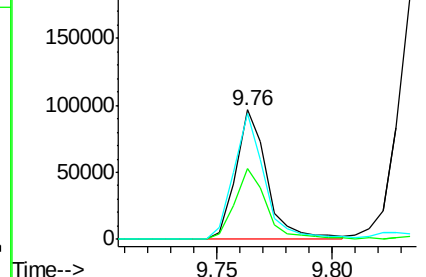
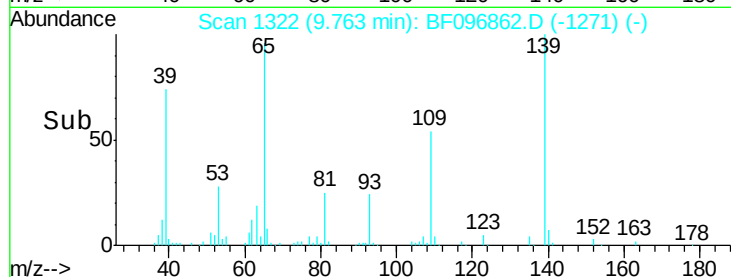
65 96.7 31.4 71.4#



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: 29.16 ng

RT: 9.83 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:165 Resp: 70882

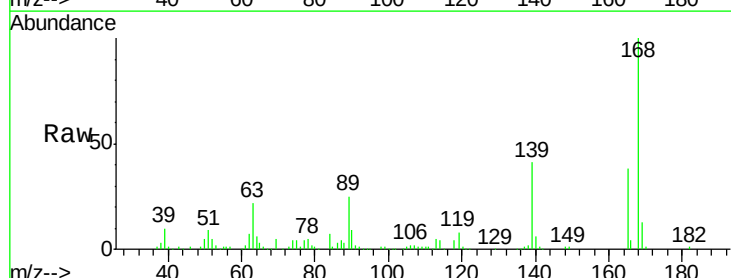
Ion Ratio Lower Upper

165 100

63 58.2 25.4 38.0#

89 65.7 46.4 69.6

182 1.7 1.8 2.6#

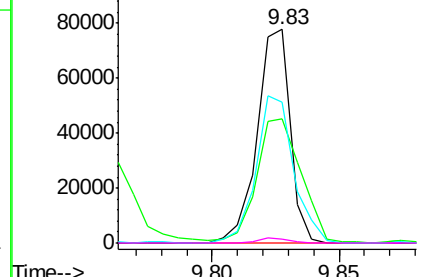
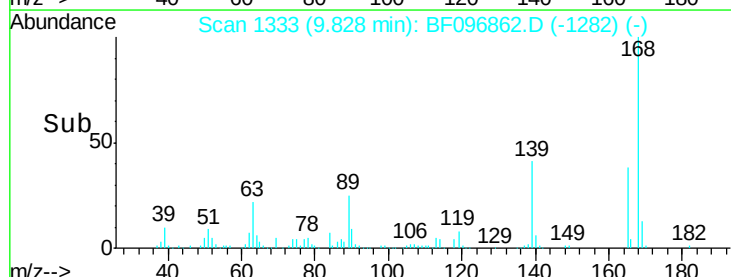


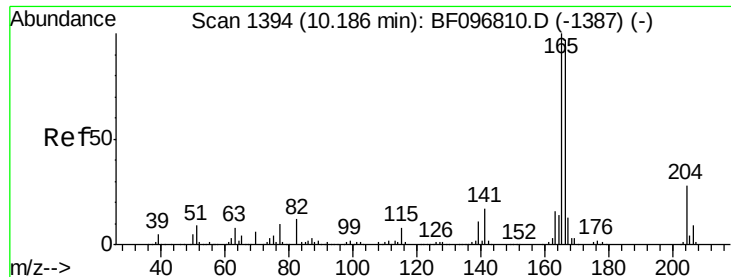
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.11 ng

RT: 10.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

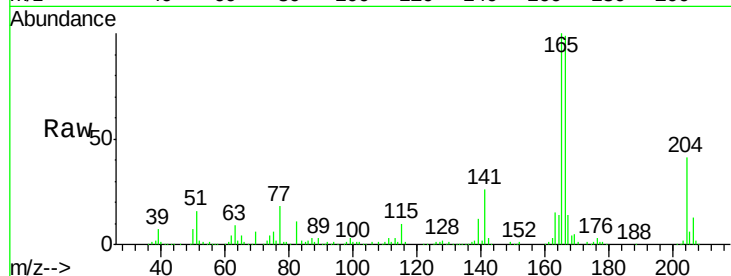
Tot Ion:166 Resp: 286413

Ion Ratio Lower Upper

166 100

165 101.4 78.8 118.2

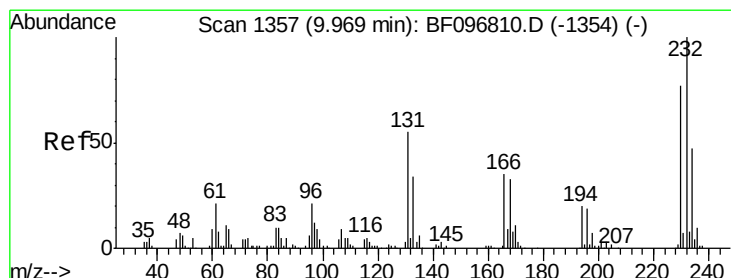
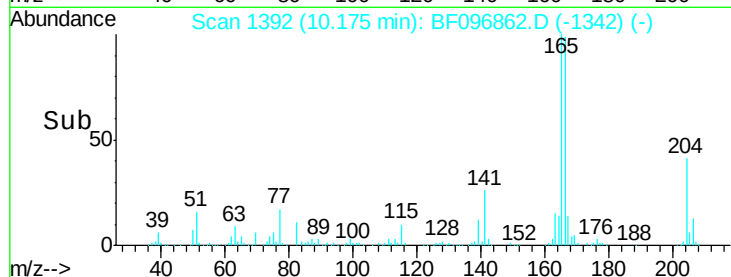
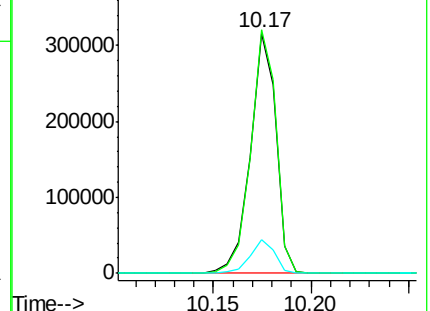
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.96 ng

RT: 9.96 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion:232 Resp: 61412

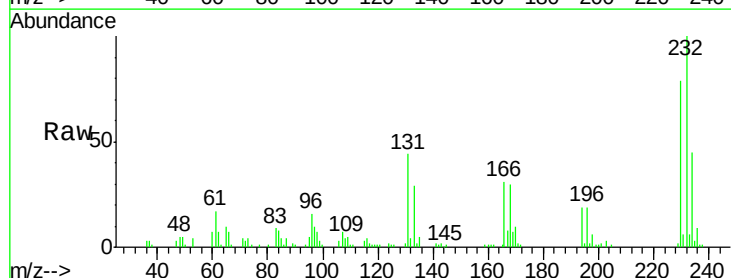
Ion Ratio Lower Upper

232 100

131 54.8 44.8 67.2

130 2.5 2.3 3.5

166 34.8 29.0 43.4

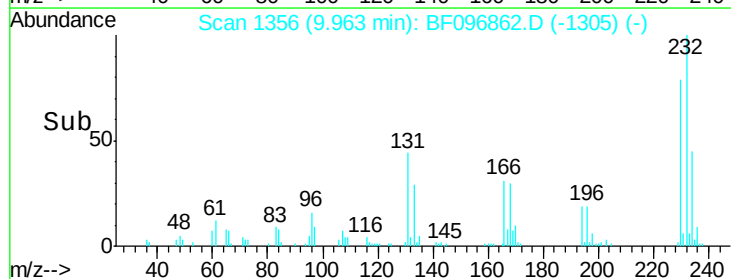
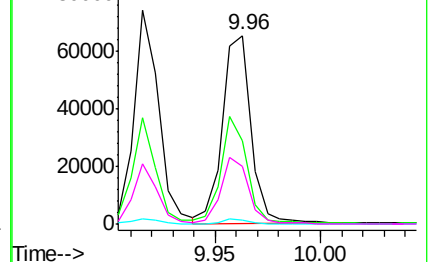


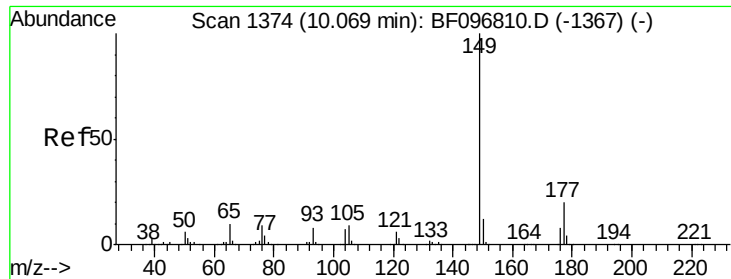
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

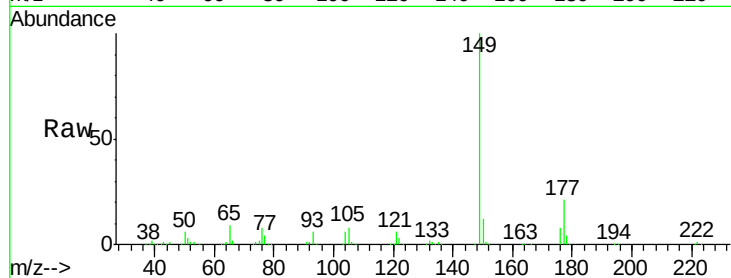




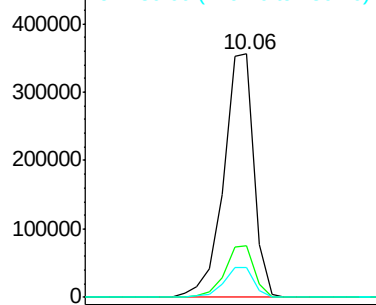
#59
Diethylphthalate
Concen: 41.81 ng
RT: 10.06 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

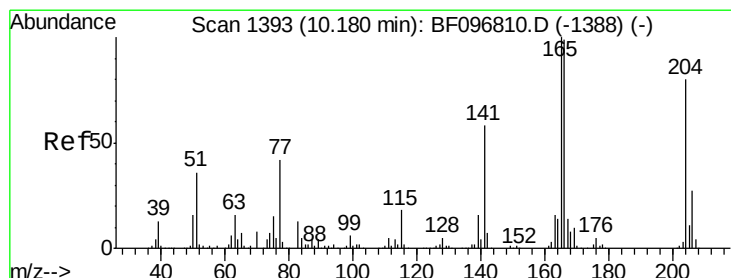
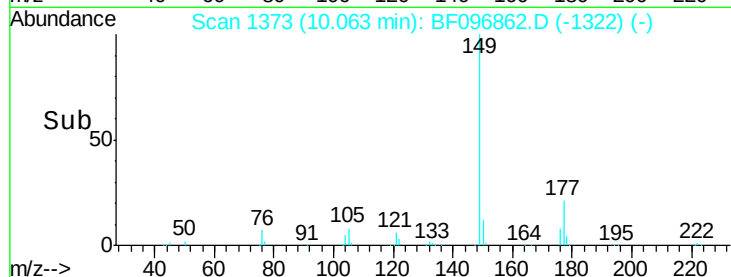
Tot Ion:149 Resp: 355508
Ion Ratio Lower Upper
149 100
177 21.1 16.7 25.1
150 12.1 10.2 15.2



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

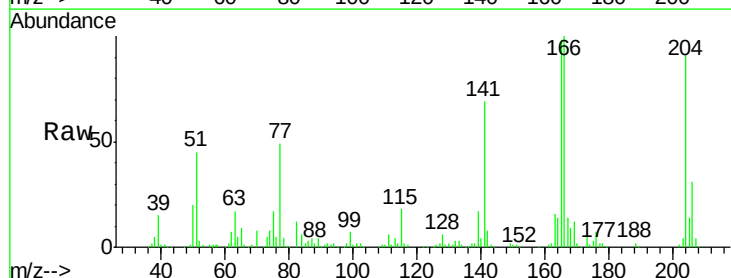


Time-->

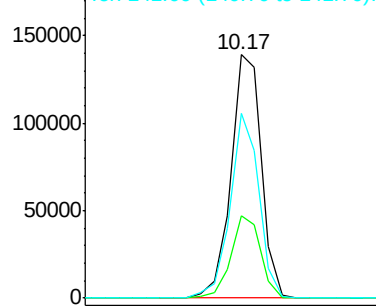


#60
4-Chlorophenyl-phenylether
Concen: 42.51 ng
RT: 10.17 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

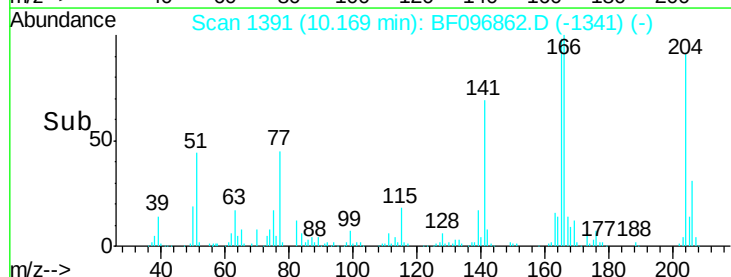
Tgt Ion:204 Resp: 127603
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 75.6 60.8 91.2

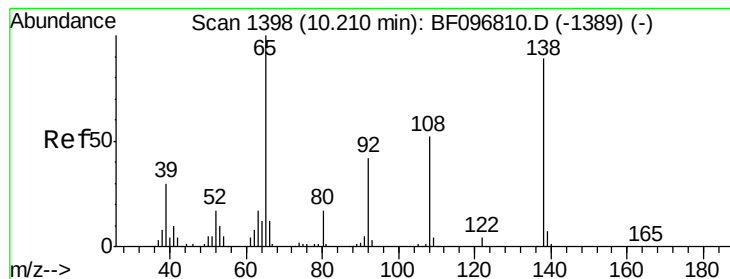


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 43.66 ng

RT: 10.19 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

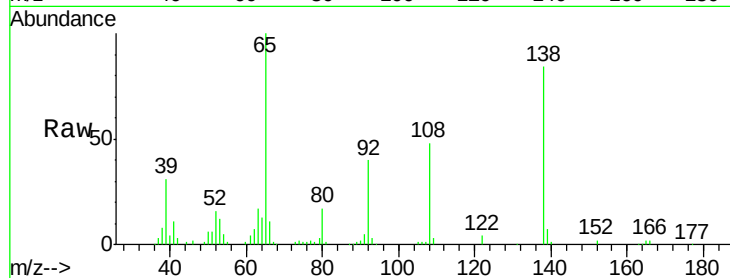
Tot Ion:138 Resp: 91885

Ion Ratio Lower Upper

138 100

92 47.9 21.8 61.8

108 57.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

120000

100000

80000

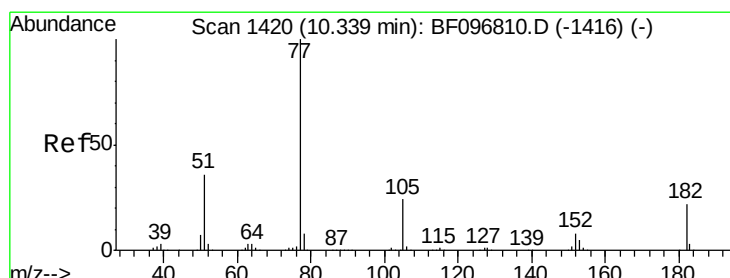
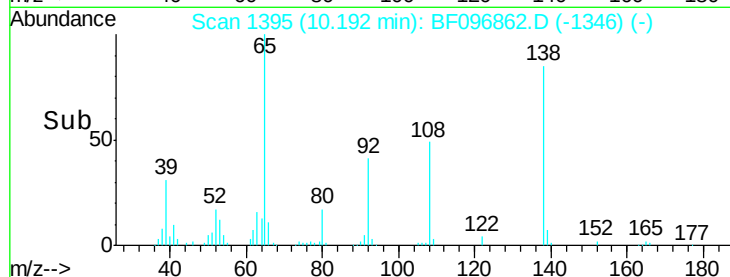
60000

40000

20000

0

Time-->



#62

Azobenzene

Concen: 38.80 ng

RT: 10.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Tgt Ion: 77 Resp: 291017

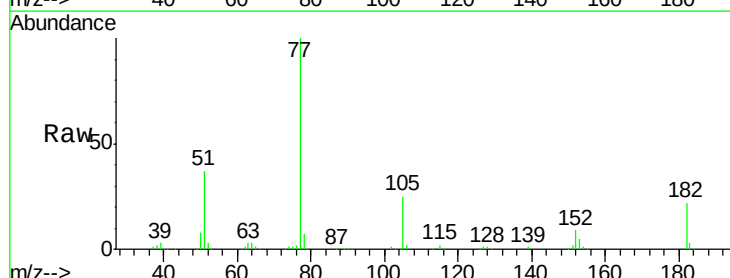
Ion Ratio Lower Upper

77 100

182 21.7 0.1 40.1

105 24.5 3.6 43.6

51 36.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

500000

400000

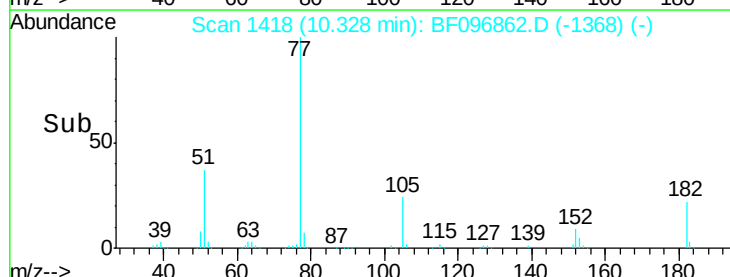
300000

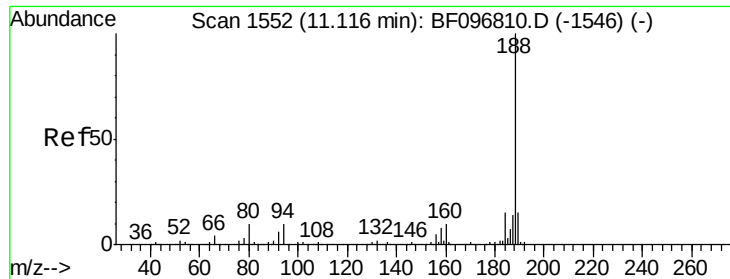
200000

100000

0

Time-->

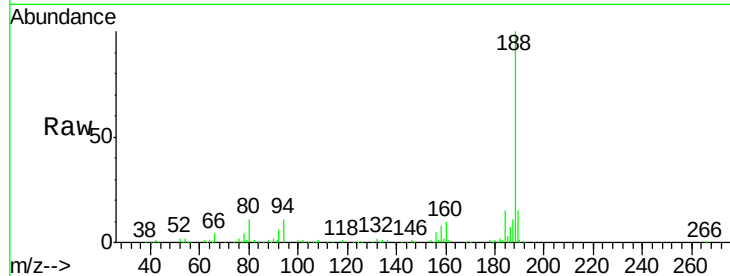




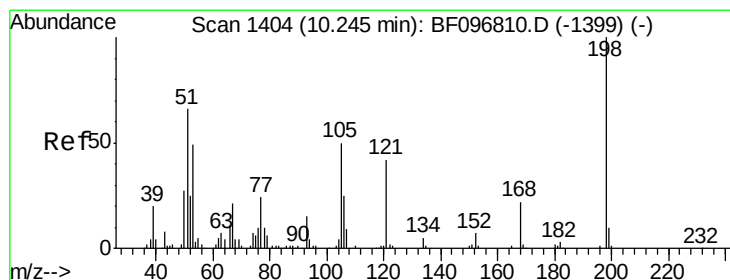
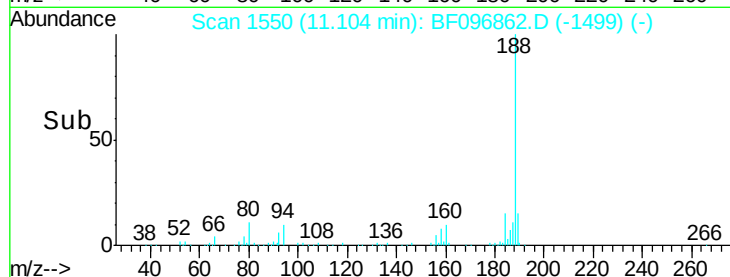
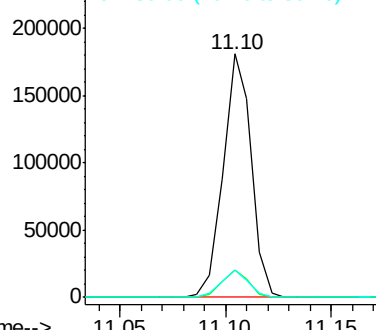
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:188 Resp: 166914
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.1 10.2 15.2

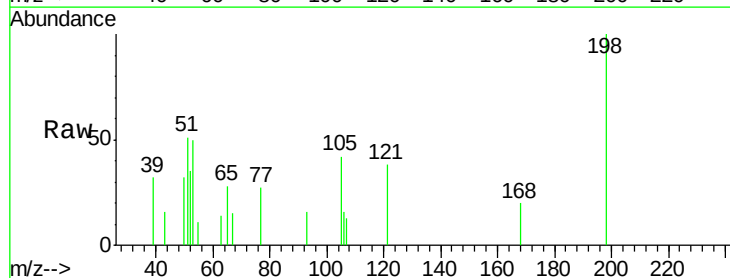


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

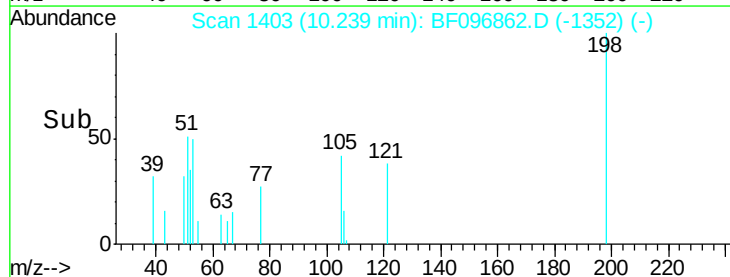
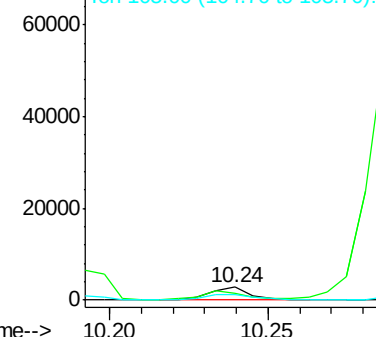


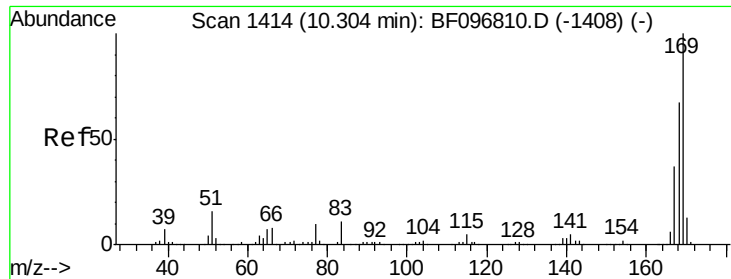
#64
4,6-Dinitro-2-methylphenol
Concen: 2.36 ng
RT: 10.24 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:198 Resp: 2474
Ion Ratio Lower Upper
198 100
51 51.2 53.2 93.2#
105 42.5 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

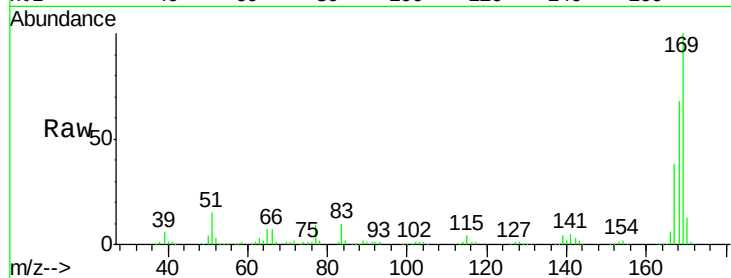




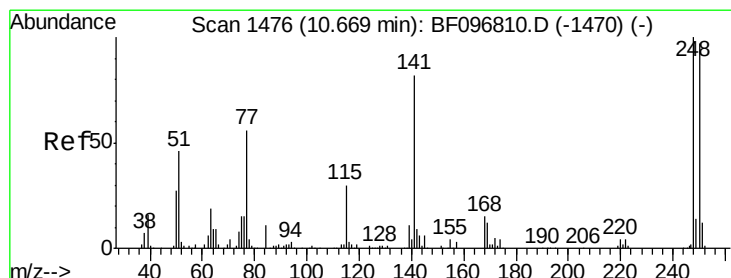
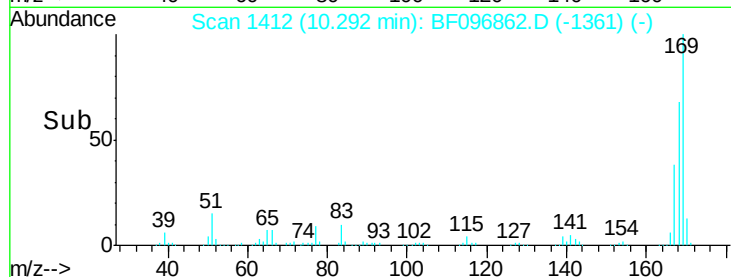
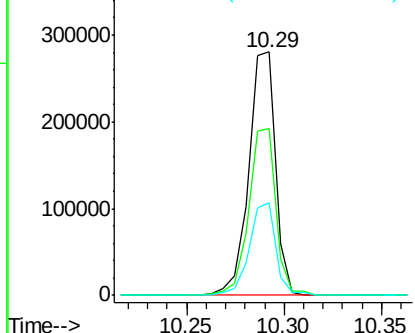
#65
 n-Nitrosodiphenylamine
 Concen: 44.67 ng
 RT: 10.29 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion:169 Resp: 266519
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.2 79.8
 167 37.9 29.5 44.3

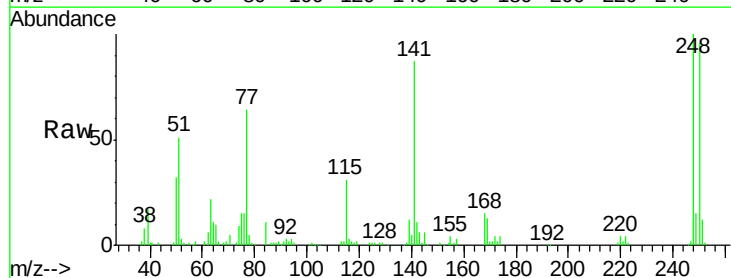


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

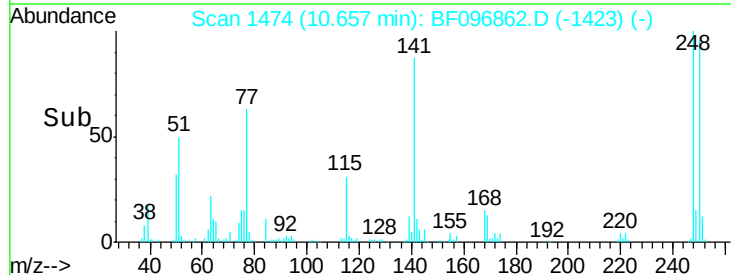
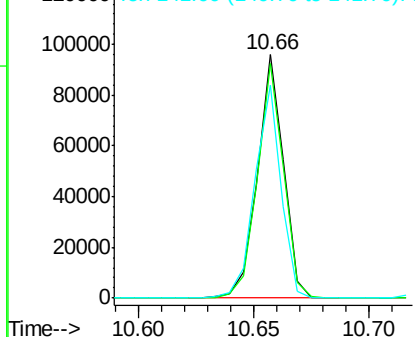


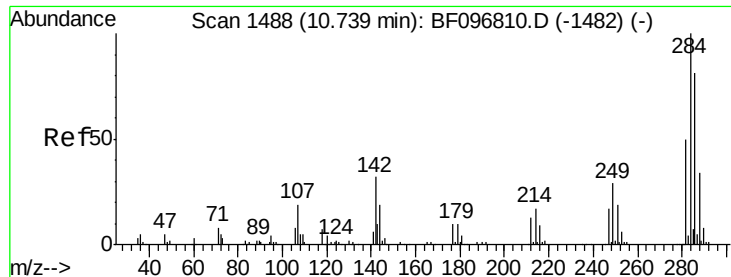
#66
 4-Bromophenyl-phenylether
 Concen: 44.46 ng
 RT: 10.66 min Scan# 1474
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:248 Resp: 75771
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.8 115.2
 141 87.3 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: 40.39 ng

RT: 10.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

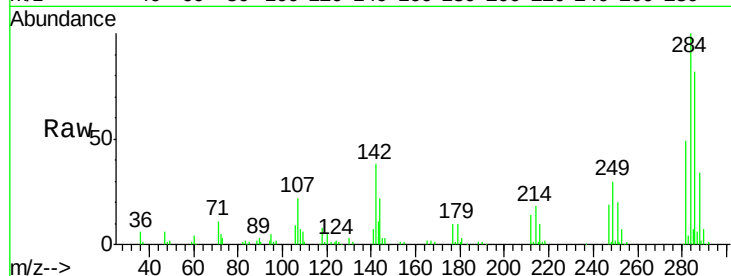
Tot Ion:284 Resp: 76662

Ion Ratio Lower Upper

284 100

142 37.5 22.8 34.2#

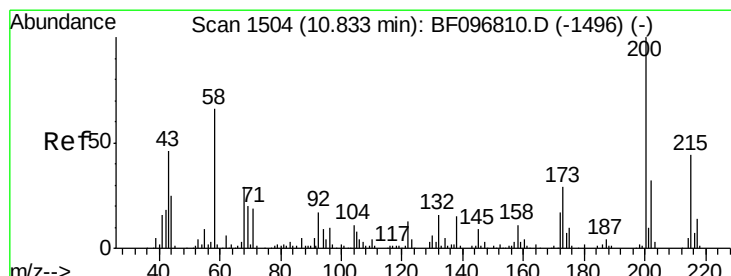
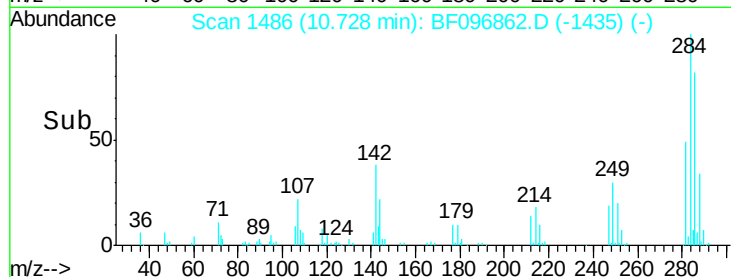
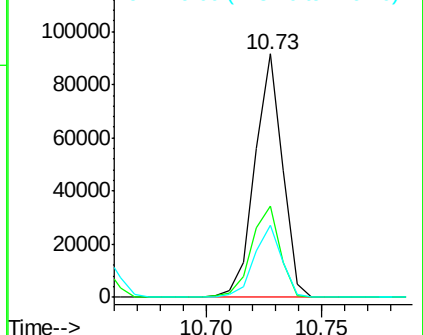
249 29.5 24.0 36.0



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: 44.96 ng

RT: 10.82 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

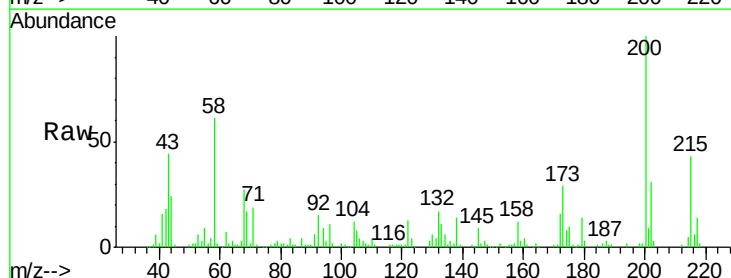
Tgt Ion:200 Resp: 76430

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

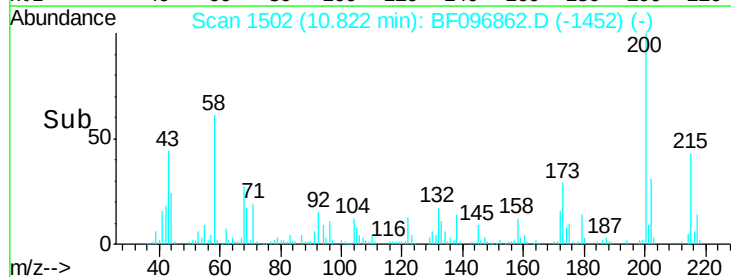
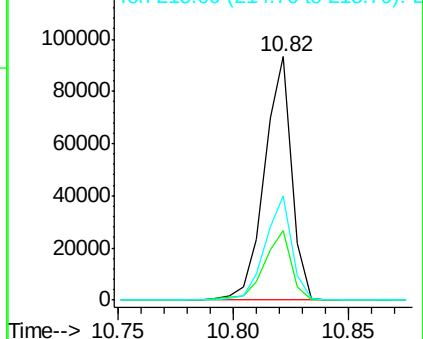
215 42.9 27.2 67.2

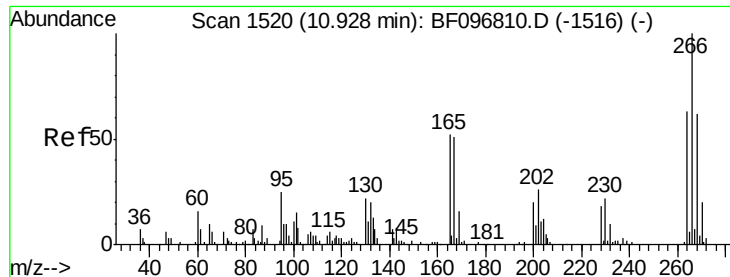


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

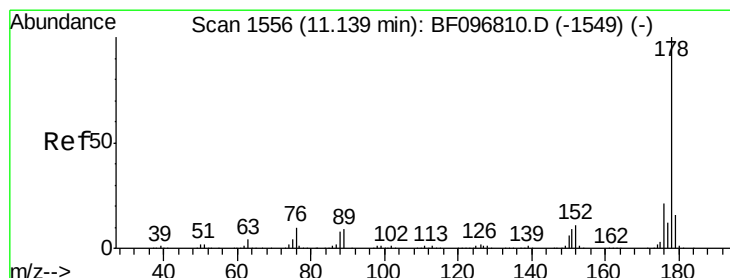
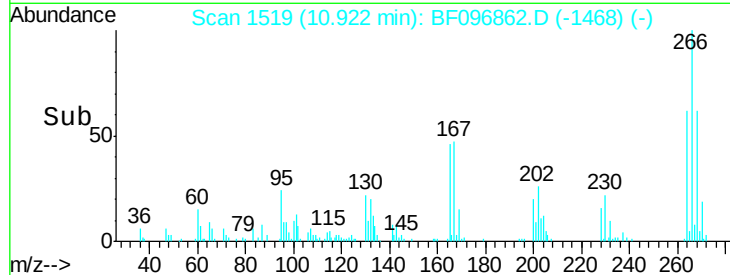
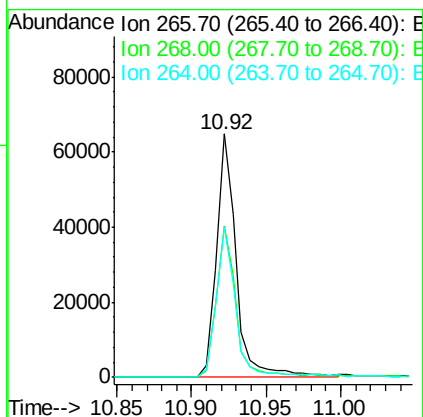
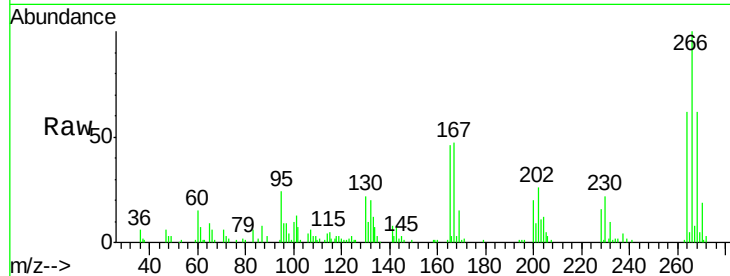




#69
 Pentachlorophenol
 Concen: 65.28 ng
 RT: 10.92 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

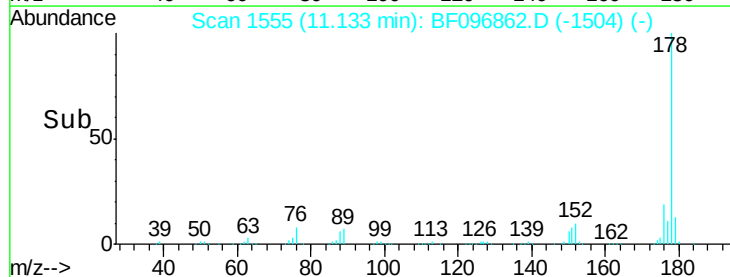
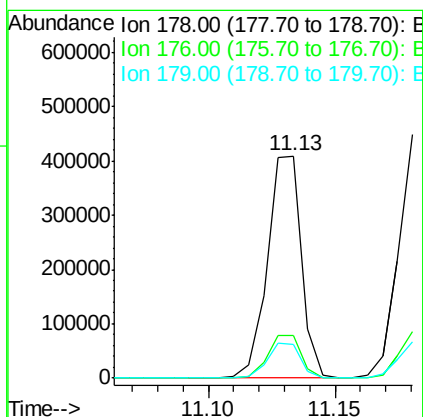
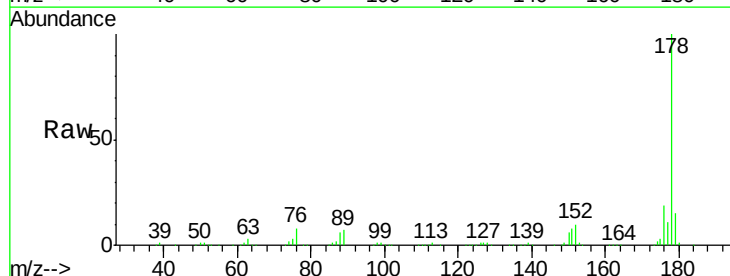
Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

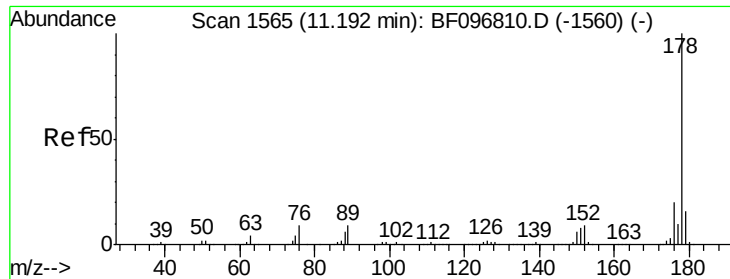
Tot Ion:266 Resp: 59860
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.1 76.7
 264 61.6 51.7 77.5



#70
 Phenanthrene
 Concen: 42.53 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:178 Resp: 385997
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.9 12.6 19.0

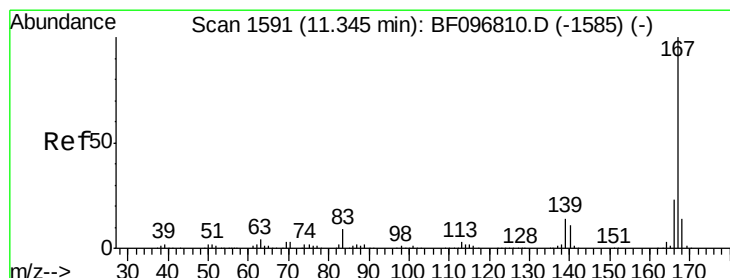
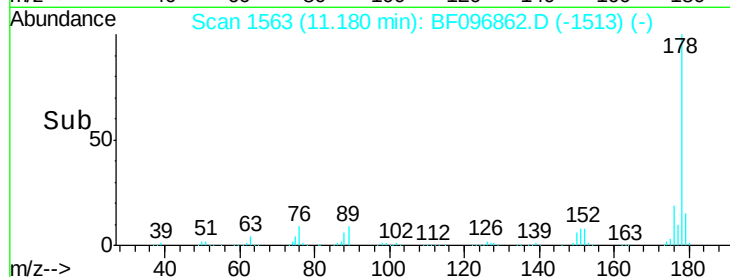
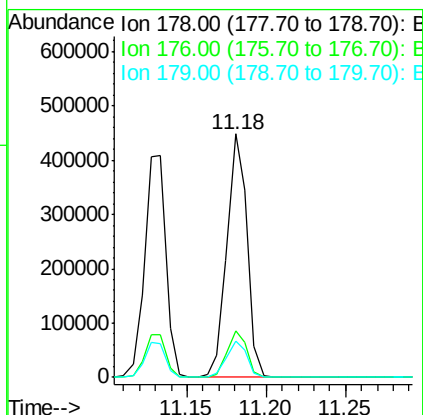
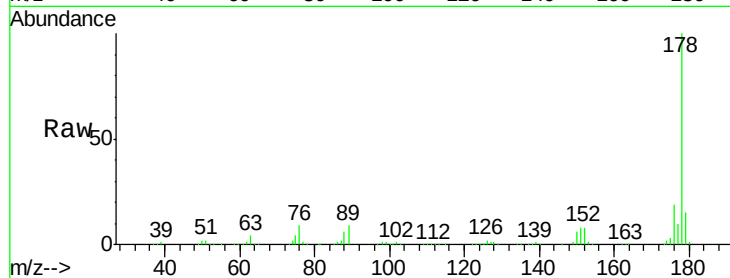




#71
 Anthracene
 Concen: 43.12 ng
 RT: 11.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

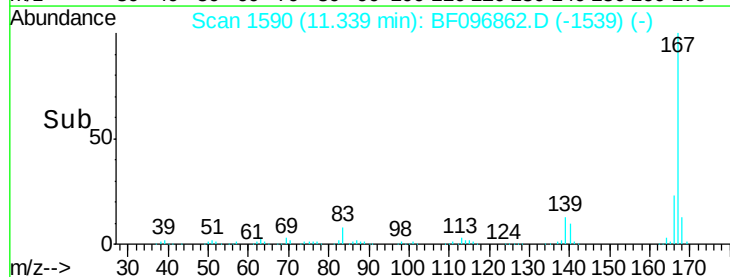
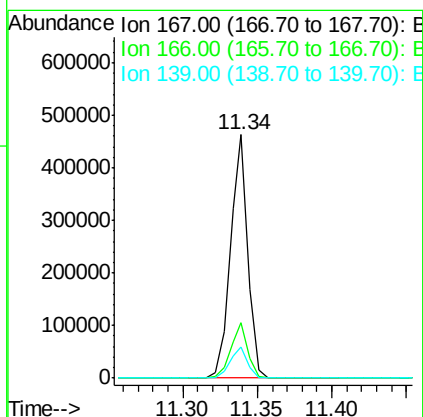
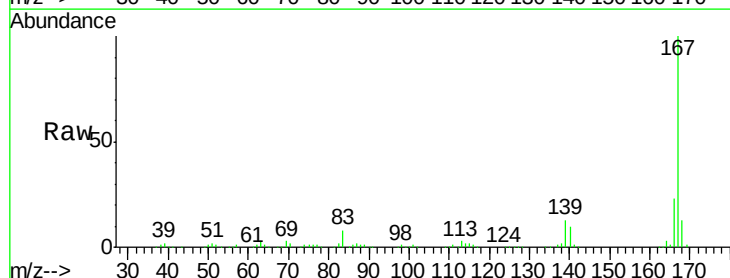
Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

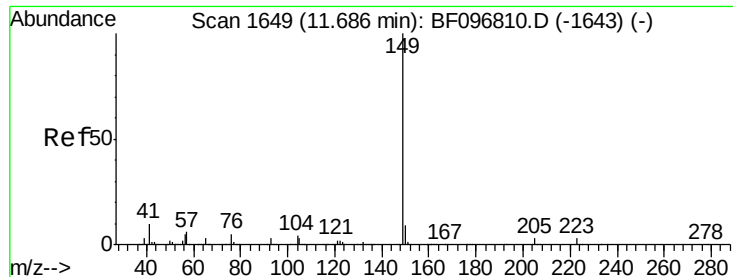
Tot Ion:178 Resp: 395691
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 42.65 ng
 RT: 11.34 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion:167 Resp: 378990
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 12.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.29 ng

RT: 11.68 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

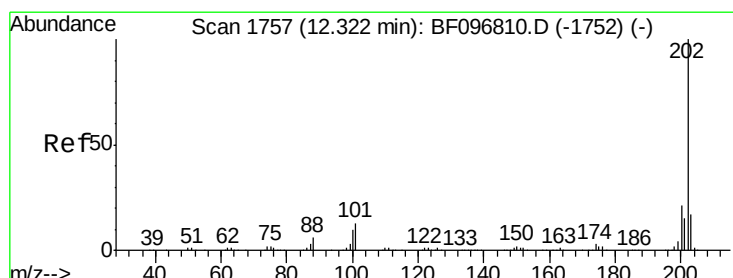
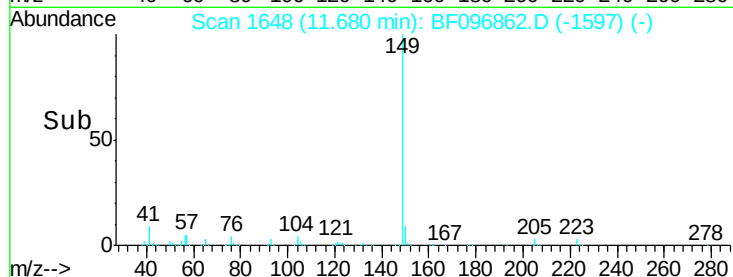
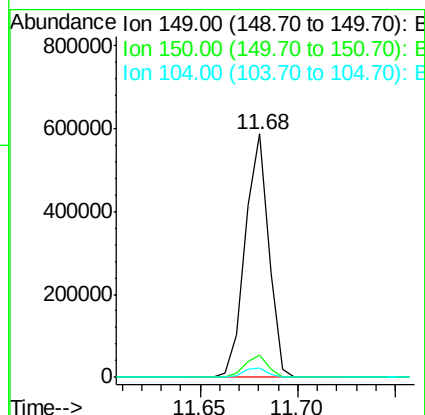
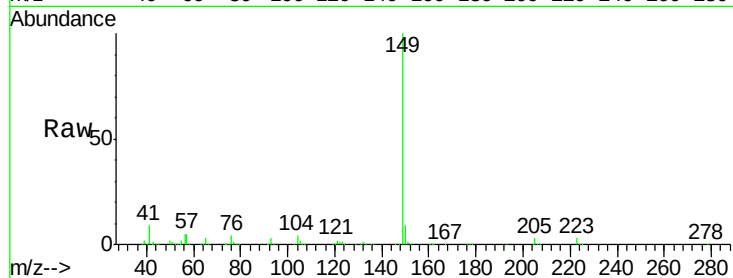
Tot Ion:149 Resp: 490145

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

104 3.9 4.0 6.0#



#74

Fluoranthene

Concen: 45.55 ng

RT: 12.31 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

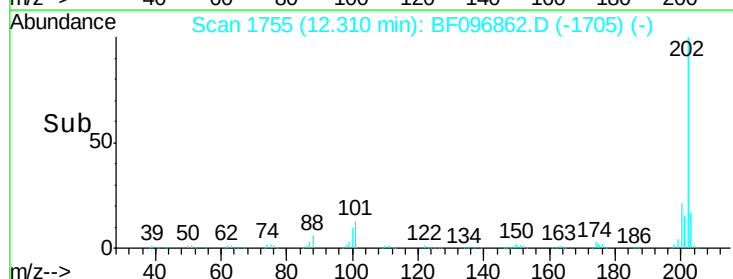
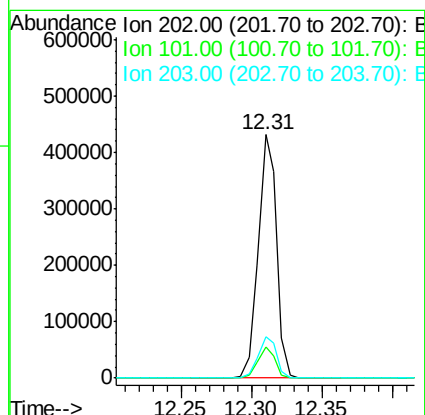
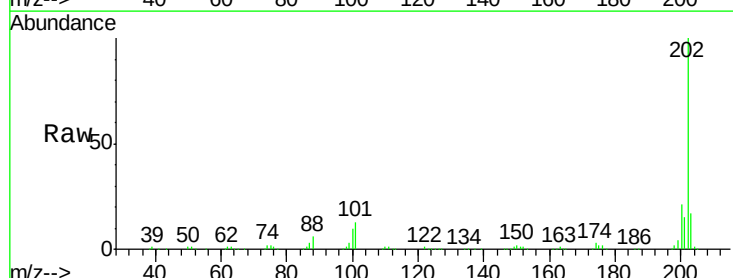
Tgt Ion:202 Resp: 395655

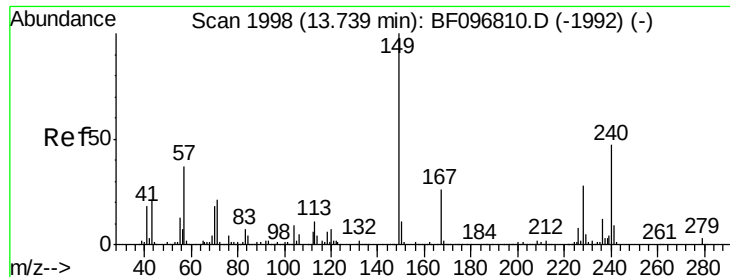
Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

203 17.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

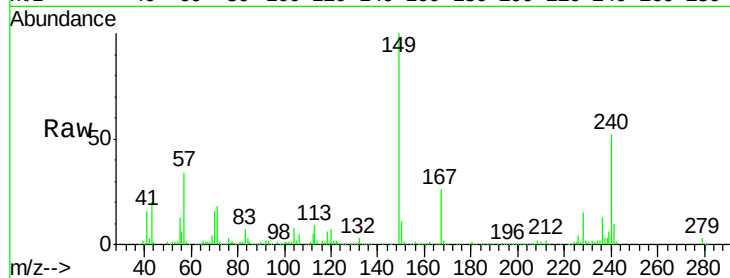
Tot Ion:240 Resp: 133551

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

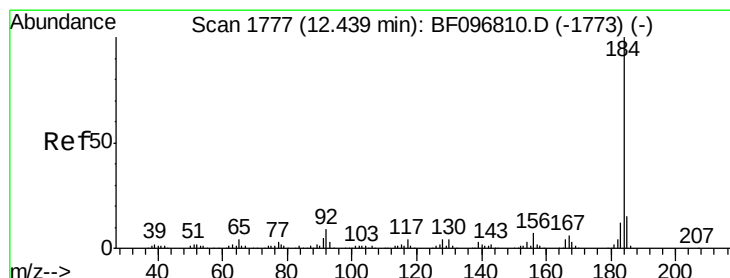
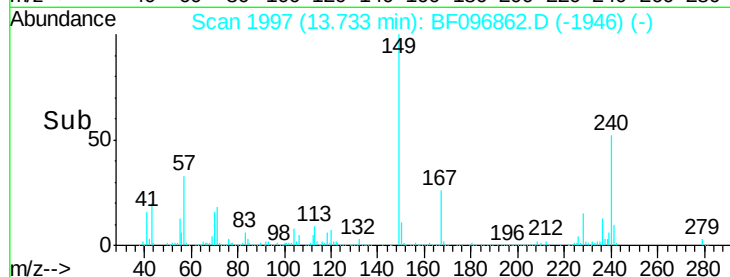
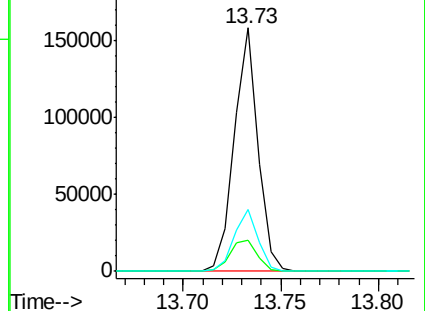
236 25.3 20.5 30.7



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



#76

Benzidine

Concen: 81.05 ng

RT: 12.44 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

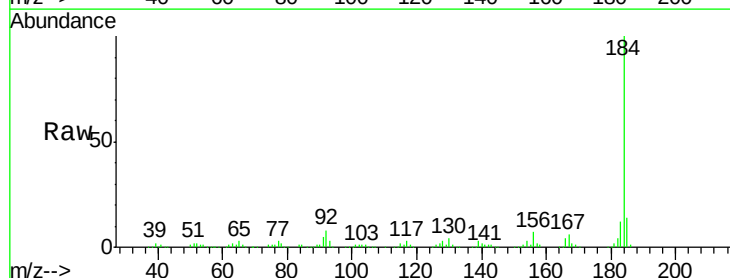
Tgt Ion:184 Resp: 354612

Ion Ratio Lower Upper

184 100

185 13.9 15.5 23.3#

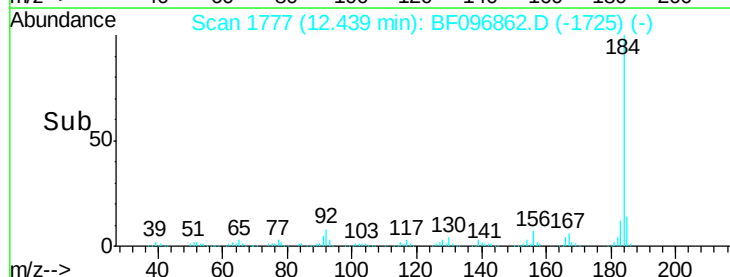
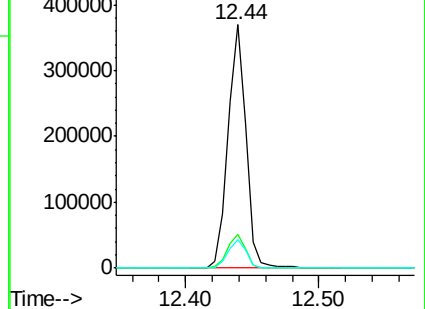
183 11.9 9.8 14.6

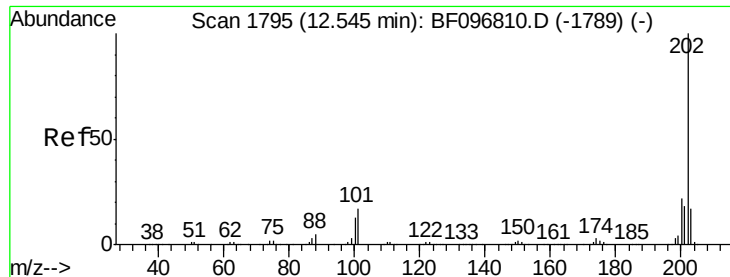


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

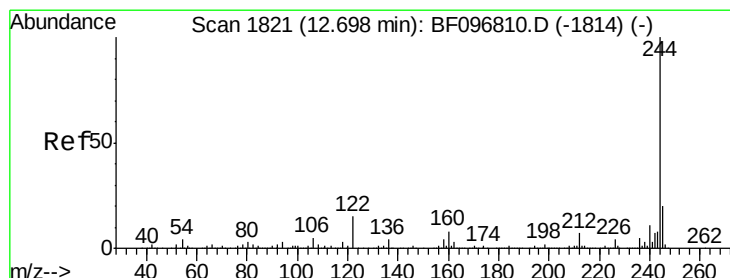
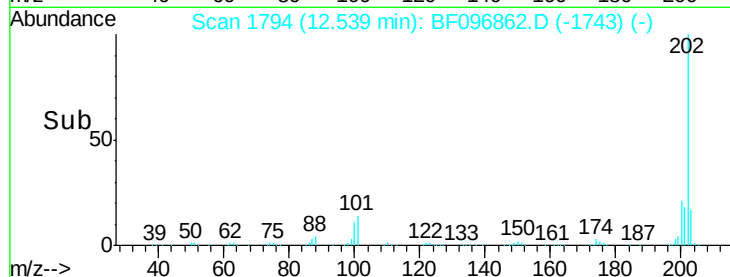
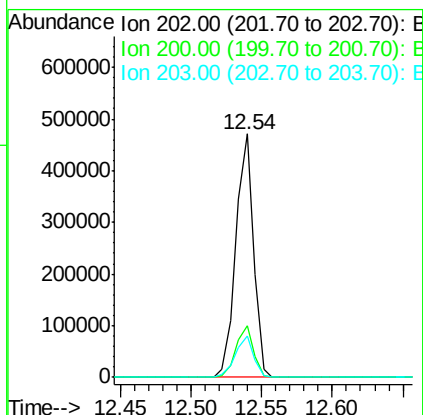
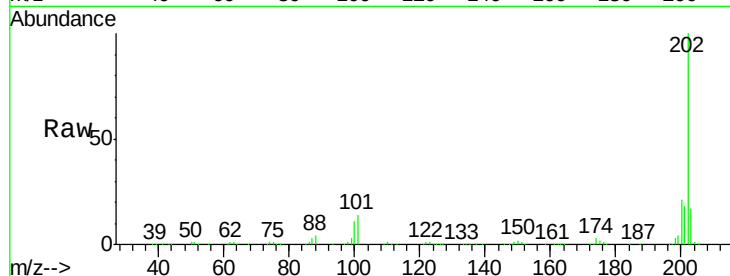




#77
Pvrene
Concen: 33.87 ng
RT: 12.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

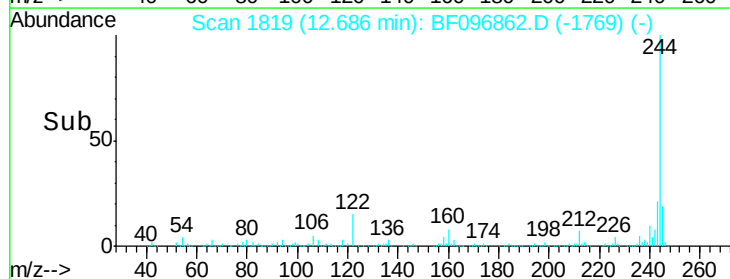
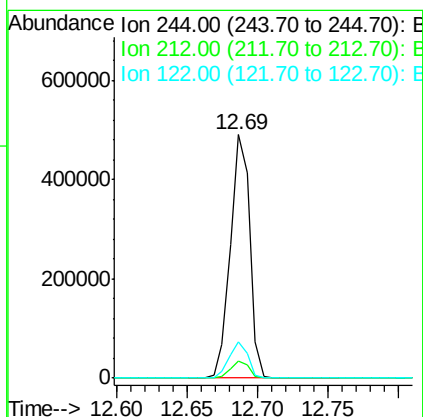
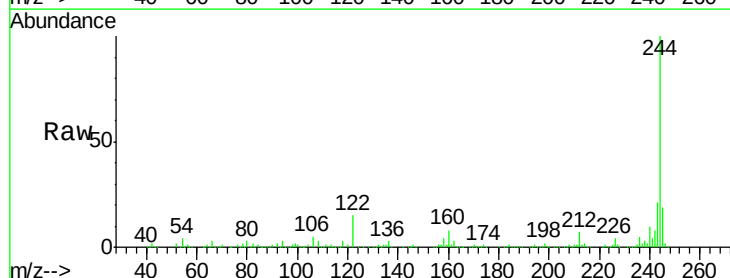
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

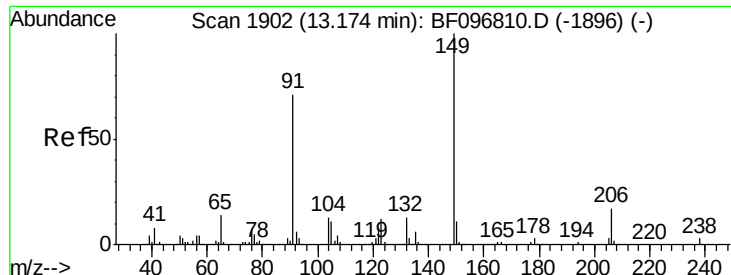
Tot Ion:202 Resp: 410506
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.3 14.4 21.6



#78
Terphenyl-d14
Concen: 60.96 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:244 Resp: 469404
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.0 10.3 15.5

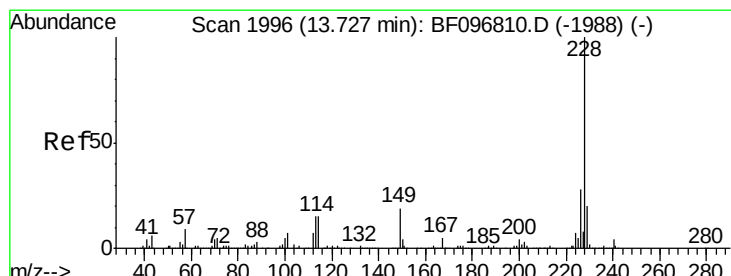
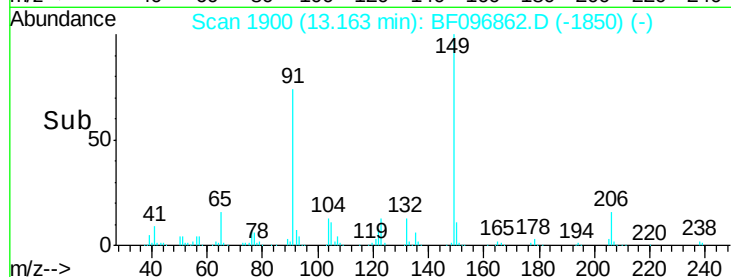
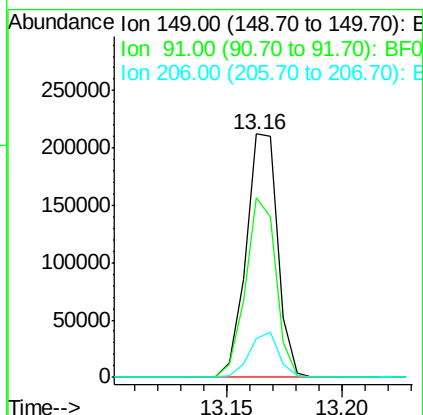
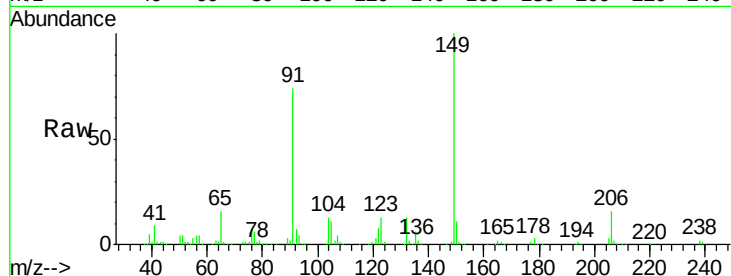




#79
Butylbenzylphthalate
Concen: 35.32 ng
RT: 13.16 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

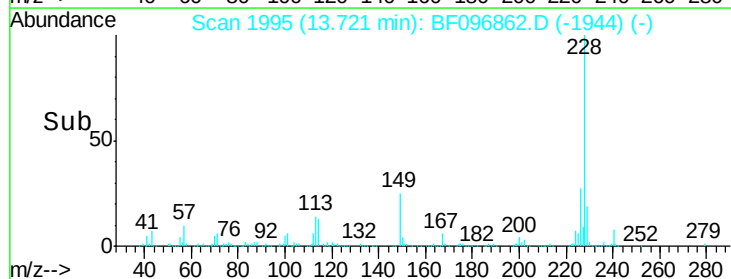
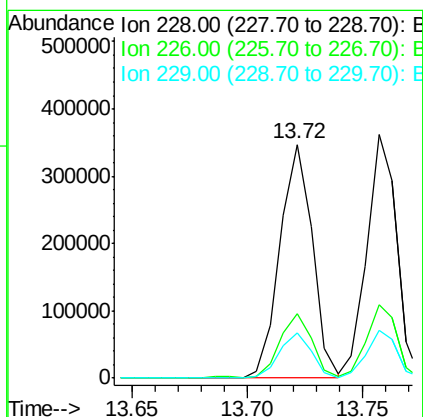
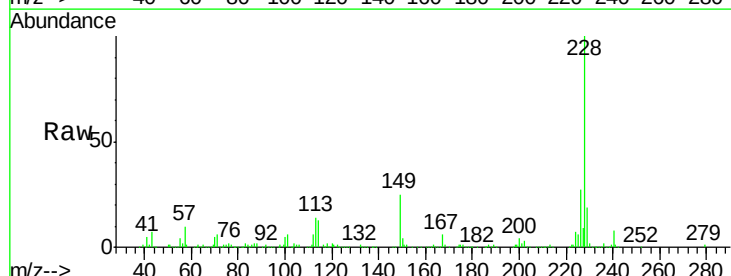
Instrument :
BNA_F
ClientSampleId :
PB100719BSD

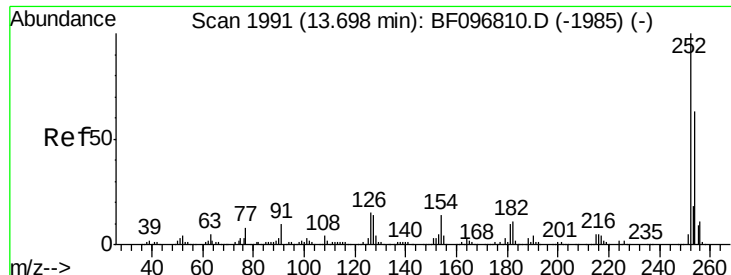
Tot Ion:149 Resp: 203388
Ion Ratio Lower Upper
149 100
91 74.0 45.0 67.4#
206 15.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 40.47 ng
RT: 13.72 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:228 Resp: 336785
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 16.3 24.5

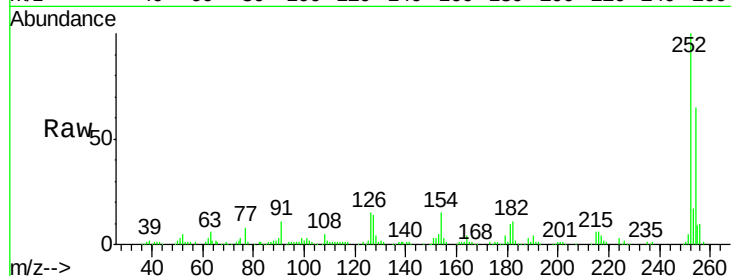




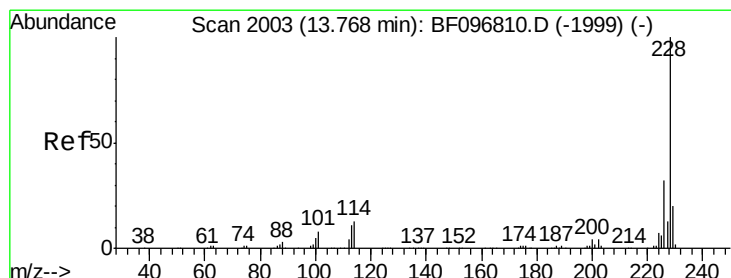
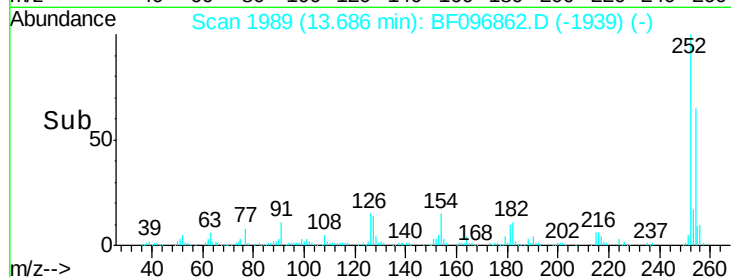
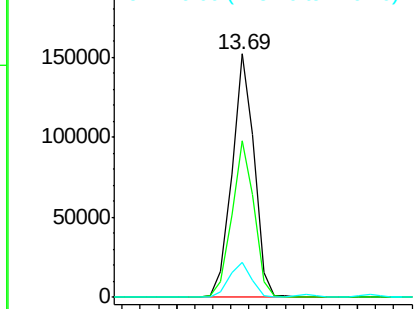
#81
 3,3'-Dichlorobenzidine
 Concen: 43.18 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.6	15.8	23.8#

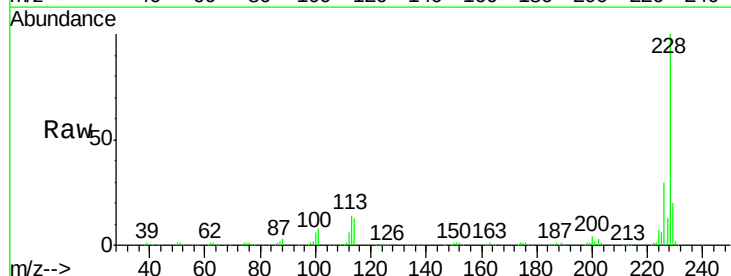


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

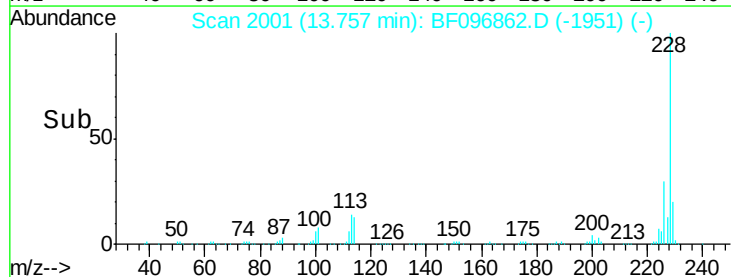
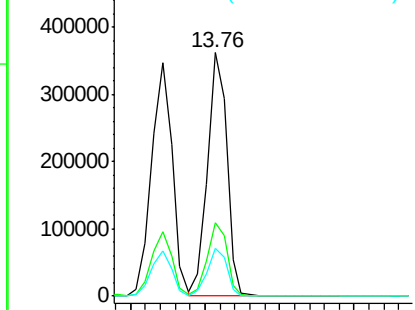


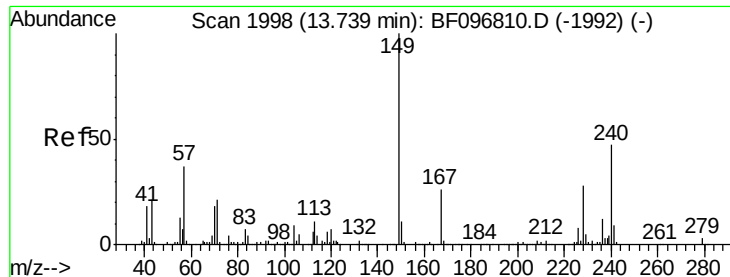
#82
 Chrysene
 Concen: 39.50 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096862.D
 Acq: 18 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.9	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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.89 ng

RT: 13.73 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

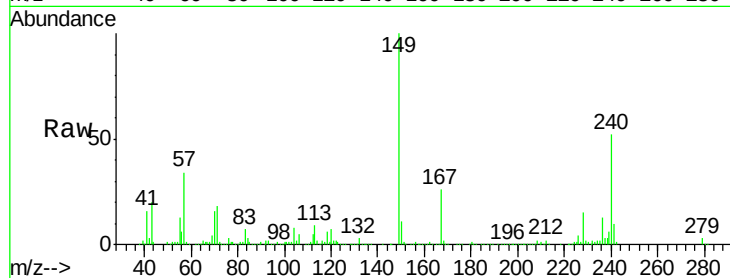
Tot Ion:149 Resp: 279724

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

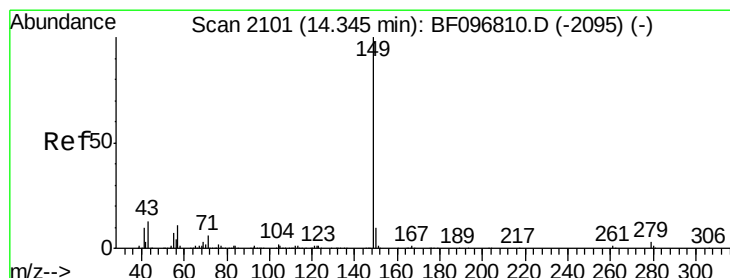
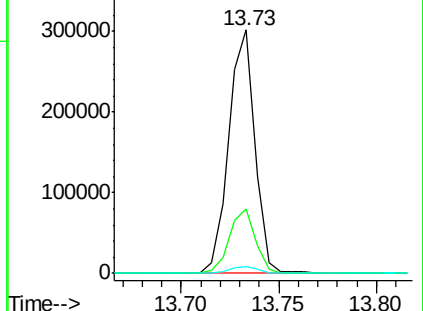
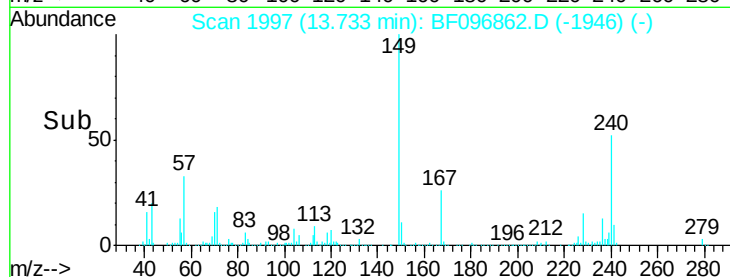
279 2.7 1.9 2.9



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



#84

Di-n-octyl phthalate

Concen: 44.71 ng

RT: 14.34 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

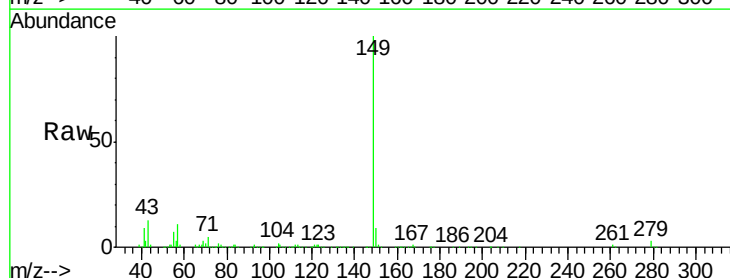
Tgt Ion:149 Resp: 518294

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

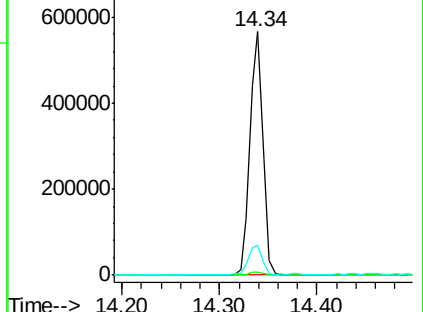
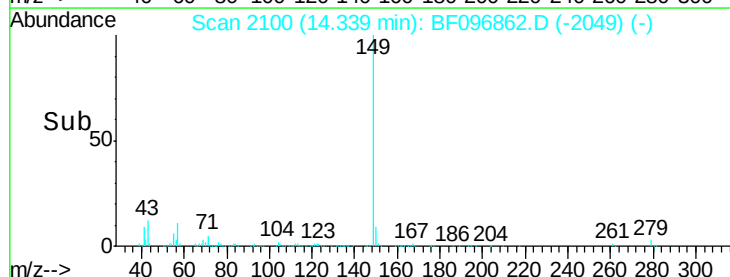
43 12.9 8.5 12.7#

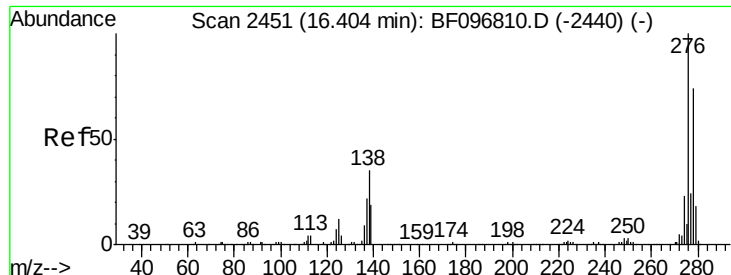


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

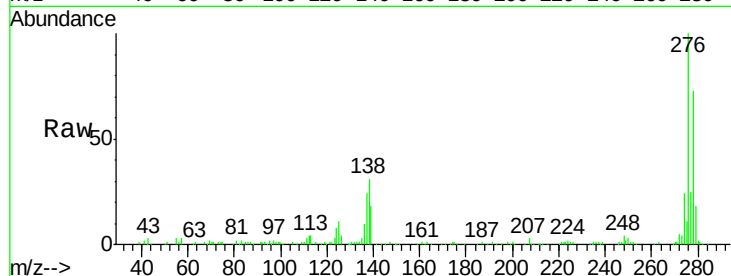




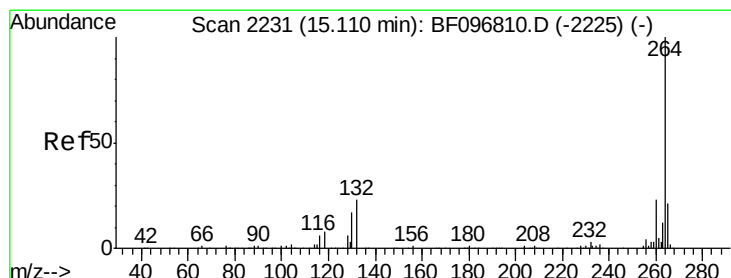
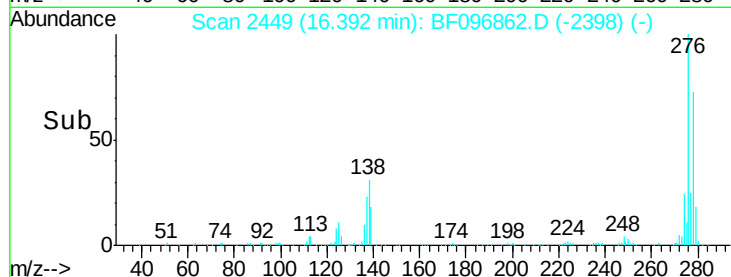
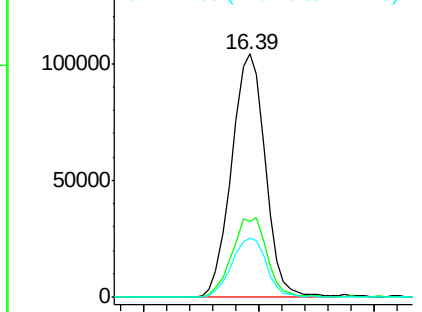
#85
Indeno(1,2,3-cd)pyrene
Concen: 29.07 ng
RT: 16.39 min Scan# 2449
Delta R.T. 0.00 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Instrument :
BNA_F
ClientSampleId :
PB100719BSD

Tot Ion:276 Resp: 210781
Ion Ratio Lower Upper
276 100
138 34.3 27.8 41.6
277 25.4 20.2 30.4

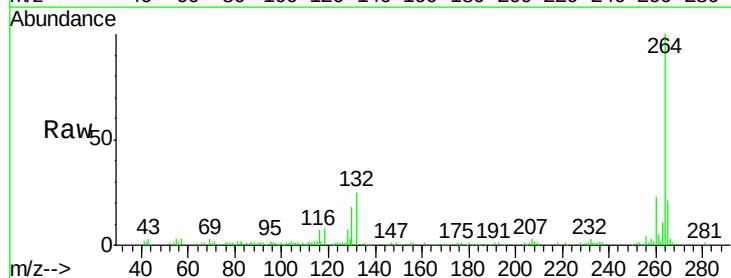


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

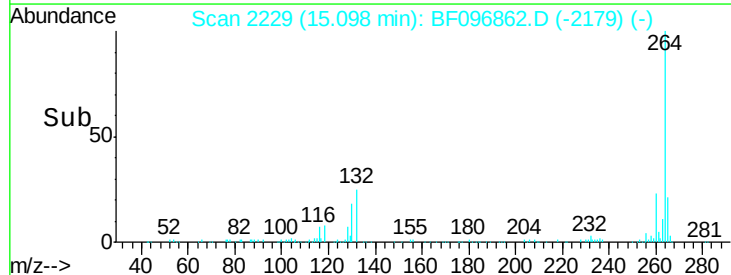
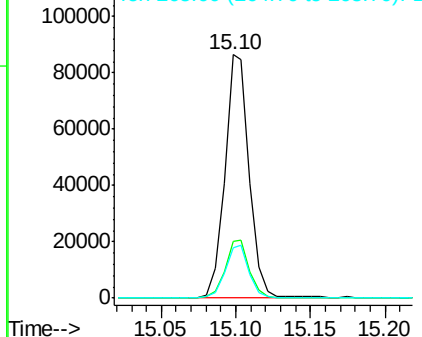


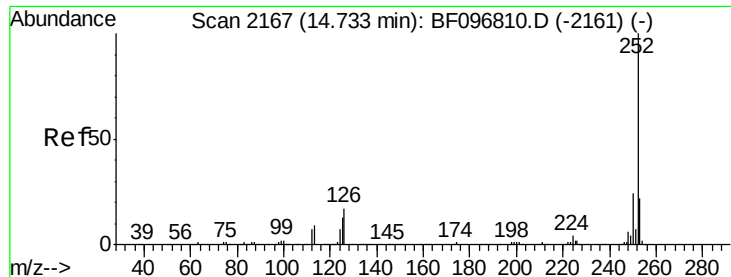
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096862.D
Acq: 18 Jul 2017 23:48

Tgt Ion:264 Resp: 99136
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.83 ng

RT: 14.73 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

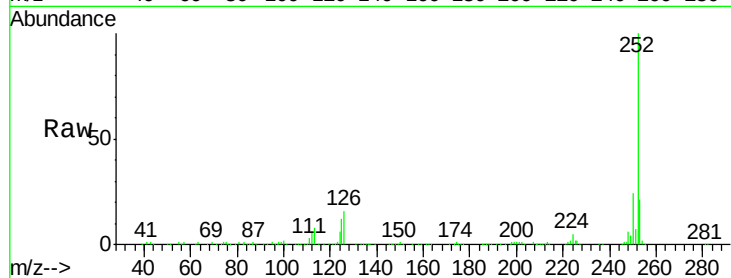
Tot Ion:252 Resp: 268067

Ion Ratio Lower Upper

252 100

253 20.7 18.1 27.1

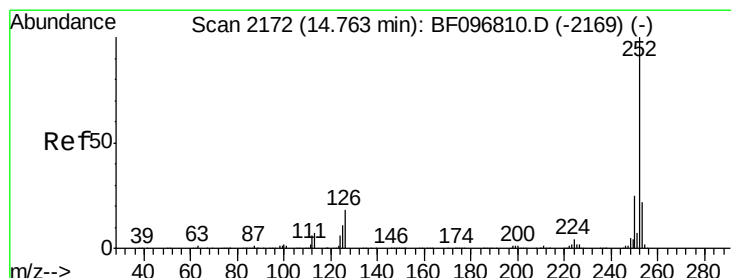
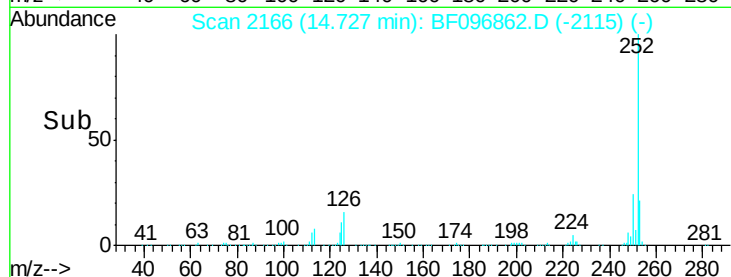
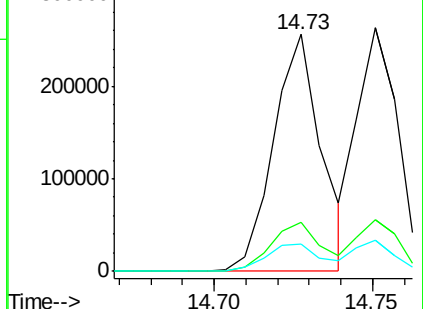
125 11.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.19 ng

RT: 14.75 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

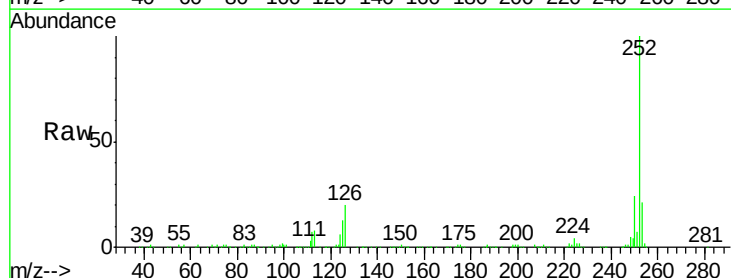
Tgt Ion:252 Resp: 238881

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

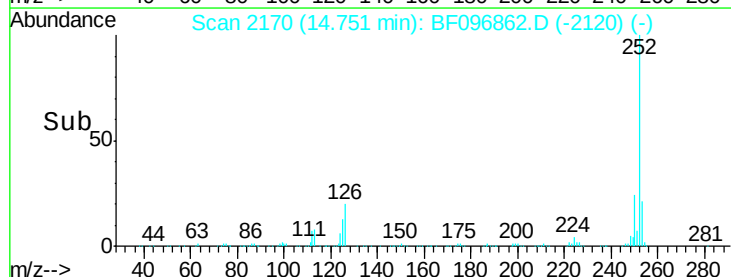
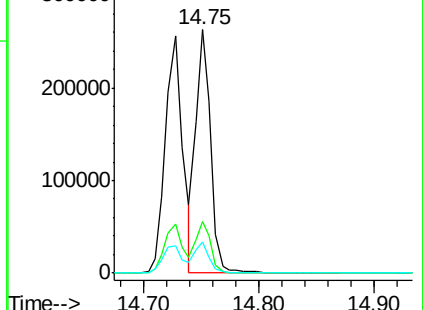
125 12.7 13.1 19.7#

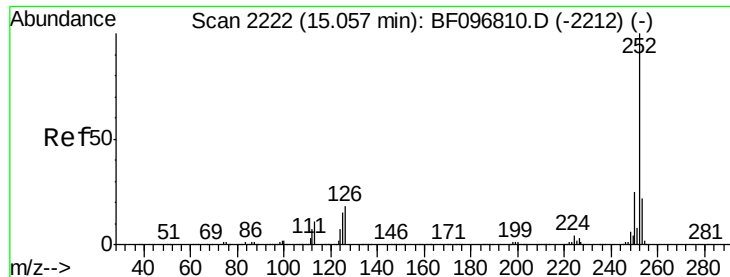


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.54 ng

RT: 15.05 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

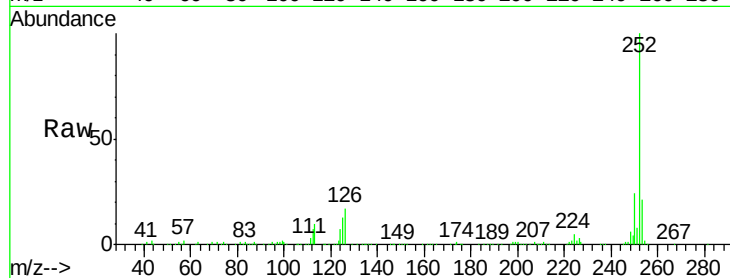
Tot Ion:252 Resp: 233302

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

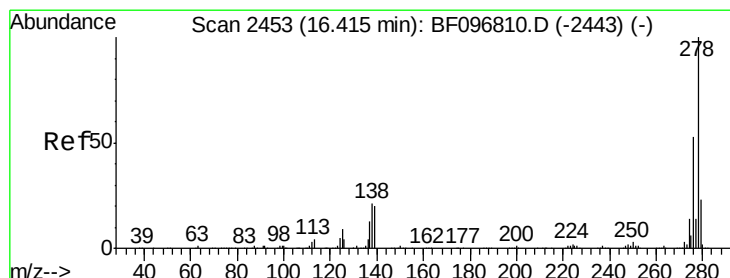
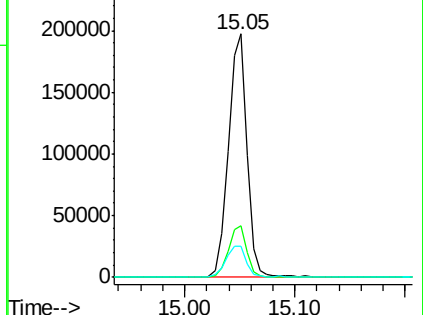
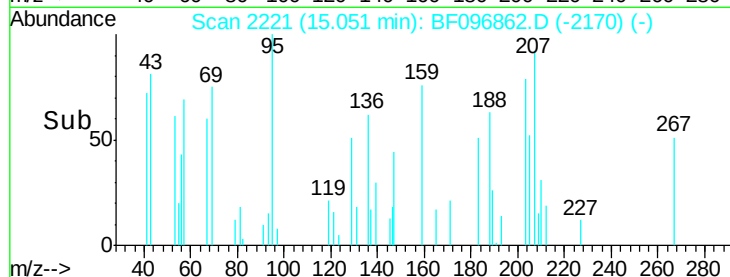
125 12.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.06 ng

RT: 16.40 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

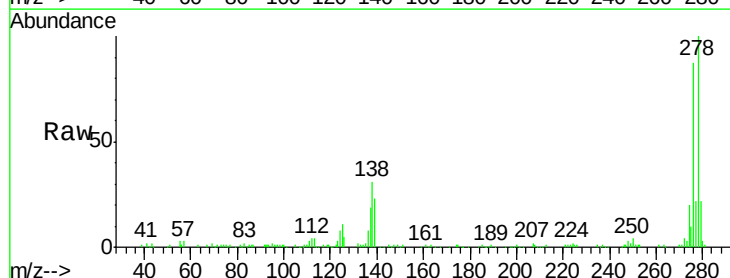
Tgt Ion:278 Resp: 181951

Ion Ratio Lower Upper

278 100

139 23.1 16.6 24.8

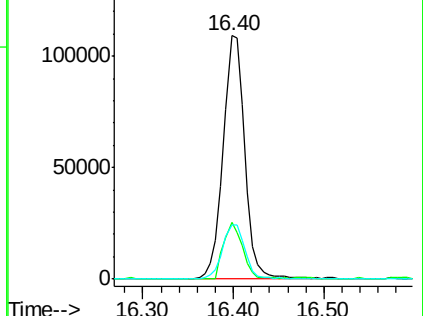
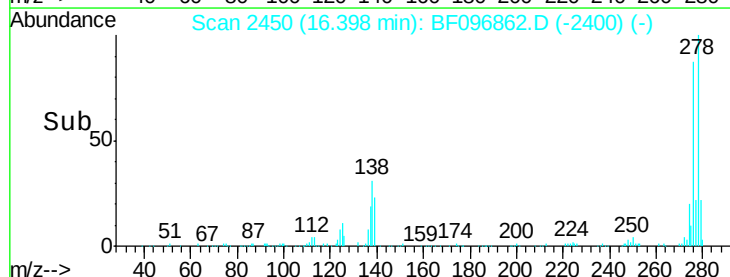
279 22.1 19.3 28.9

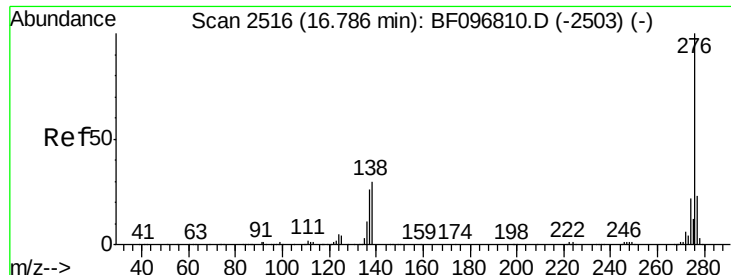


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 32.28 ng

RT: 16.77 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF096862.D

Acq: 18 Jul 2017 23:48

Instrument :

BNA_F

ClientSampleId :

PB100719BSD

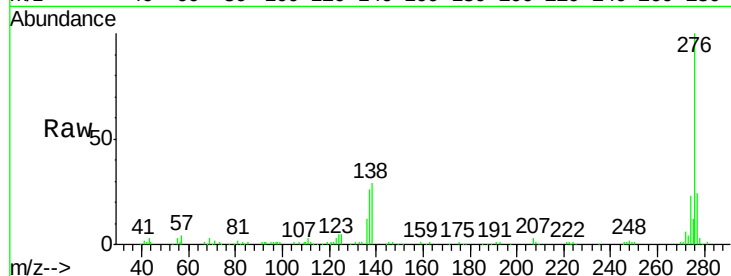
Tot Ion: 276 Resp: 174440

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 28.8 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

