

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096861.D
 Acq On : 18 Jul 2017 23:20
 Operator : SJ/JU
 Sample : PB100719BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Quant Time: Jul 19 01:16:22 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	79350	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	309684	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	116448	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	168423	20.00	ng	0.00
75) Chrysene-d12	13.73	240	150962	20.00	ng	0.00
86) Perylene-d12	15.10	264	112343	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	415880	78.80	ng	0.02
7) Phenol-d6	6.25	99	524385	82.80	ng	0.00
23) Nitrobenzene-d5	7.17	82	386469	77.30	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	70181	70.61	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	691551	93.83	ng	0.00
78) Terphenyl-d14	12.69	244	448390	51.51	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	99063	36.48	ng	# 74
3) Pyridine	2.92	79	222114	38.92	ng	# 62
4) n-Nitrosodimethylamine	2.86	42	127541	39.96	ng	# 77
6) Aniline	6.26	93	179171	22.97	ng	# 39
8) 2-Chlorophenol	6.39	128	239237	42.02	ng	95
9) Benzaldehyde	6.14	77	93465	25.53	ng	99
10) Phenol	6.26	94	279927	39.10	ng	87
11) bis(2-Chloroethyl)ether	6.34	93	226129	42.00	ng	93
12) 1,3-Dichlorobenzene	6.54	146	220987	36.52	ng	97
13) 1,4-Dichlorobenzene	6.62	146	220399	35.96	ng	95
14) 1,2-Dichlorobenzene	6.77	146	204187	36.63	ng	99
15) Benzyl Alcohol	6.75	79	148420	35.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	393931	35.46	ng	94
17) 2-Methylphenol	6.87	107	154039	34.79	ng	95
18) Hexachloroethane	7.11	117	59824	27.53	ng	# 81
19) n-Nitroso-di-n-propylamine	7.02	70	132775	34.80	ng	# 85
20) 3+4-Methylphenols	7.03	107	197420	36.75	ng	# 64
22) Acetophenone	7.01	105	268876	38.85	ng	96
24) Nitrobenzene	7.18	77	186171	36.00	ng	94
25) Isophorone	7.43	82	337927	36.33	ng	94
26) 2-Nitrophenol	7.50	139	72182	25.11	ng	# 87
27) 2,4-Dimethylphenol	7.55	122	175901	37.19	ng	95
28) bis(2-Chloroethoxy)methane	7.64	93	235698	37.50	ng	99
29) 2,4-Dichlorophenol	7.75	162	150413	35.13	ng	99
30) 1,2,4-Trichlorobenzene	7.83	180	154584	37.97	ng	99
31) Naphthalene	7.90	128	556708	37.95	ng	99
32) Benzoic acid	7.67	122	64556	21.35	ng	89
33) 4-Chloroaniline	7.96	127	121407	20.89	ng	97
34) Hexachlorobutadiene	8.03	225	83161	38.27	ng	98
35) Caprolactam	8.32	113	43957	32.04	ng	# 64
36) 4-Chloro-3-methylphenol	8.45	107	149292	32.43	ng	90
37) 2-Methylnaphthalene	8.60	142	358982	38.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	128714	40.89	ng	98
40) Hexachlorocyclopentadiene	8.75	237	6971	10.50	ng	92

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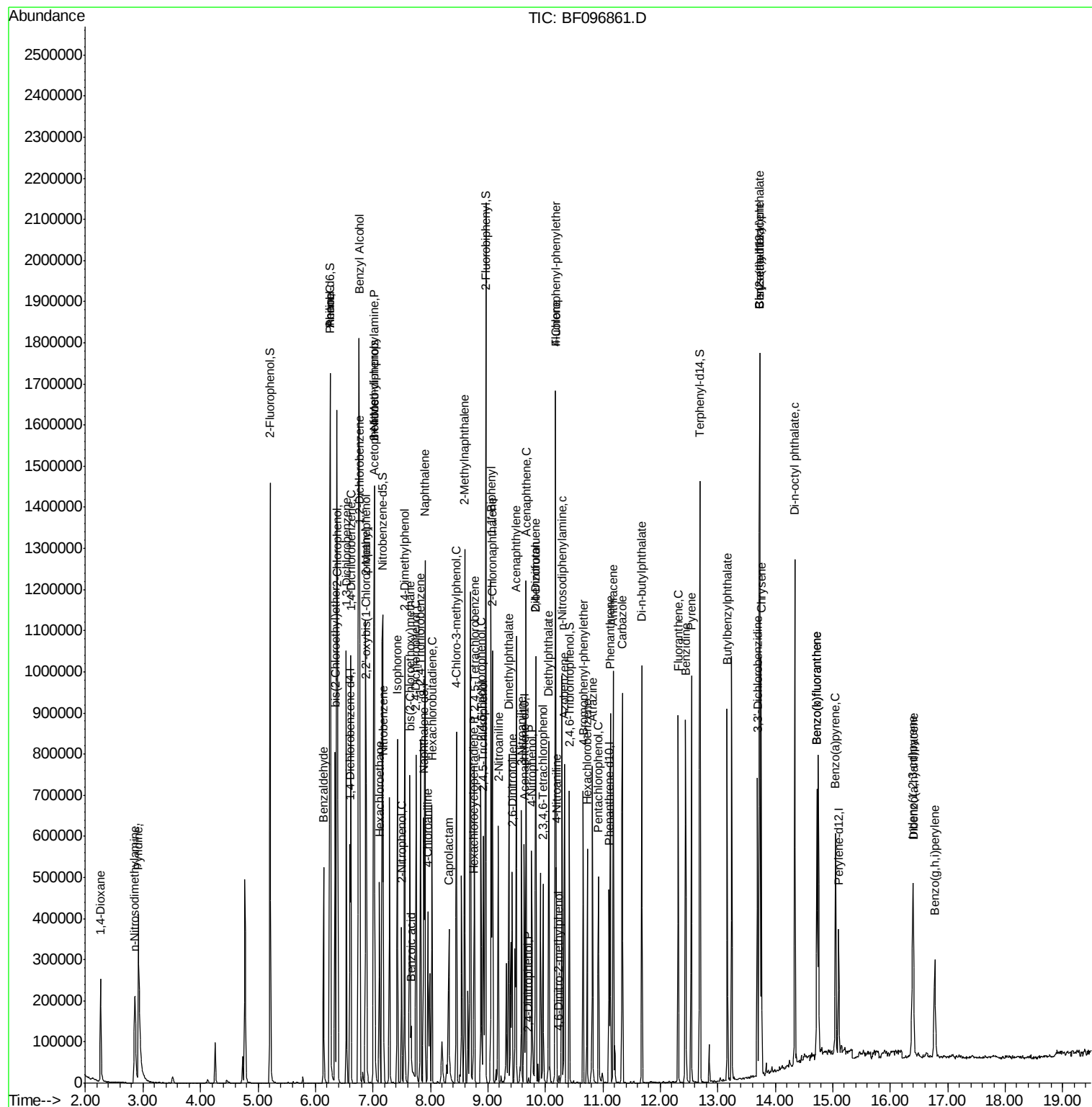
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	85048	36.63	nq	99
43) 2,4,5-Trichlorophenol	8.92	196	84942	36.27	nq	98
45) 1,1'-Biphenyl	9.06	154	395221	39.57	nq	98
46) 2-Chloronaphthalene	9.08	162	292936	39.83	nq	94
47) 2-Nitroaniline	9.18	65	101710	40.24	nq	90
48) Acenaphthylene	9.49	152	444414	37.93	nq	100
49) Dimethylphthalate	9.36	163	357064	40.72	nq	99
50) 2,6-Dinitrotoluene	9.42	165	60794	32.01	nq	# 87
51) Acenaphthene	9.66	154	256053	36.99	nq	99
52) 3-Nitroaniline	9.59	138	92019	40.90	nq	89
53) 2,4-Dinitrophenol	9.70	184	2112	8.80	nq	# 75
54) Dibenzofuran	9.83	168	378614	39.03	nq	100
55) 4-Nitrophenol	9.76	139	84700	51.53	nq	# 68
56) 2,4-Dinitrotoluene	9.83	165	65042	26.65	nq	# 79
57) Fluorene	10.17	166	273600	38.17	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	59740	36.78	nq	# 96
59) Diethylphthalate	10.06	149	334327	39.17	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	121387	39.59	nq	93
61) 4-Nitroaniline	10.19	138	86906	41.13	nq	92
62) Azobenzene	10.33	77	276148	36.67	nq	90
64) 4,6-Dinitro-2-methylphenol	10.24	198	2622	2.48	nq	91
65) n-Nitrosodiphenylamine	10.29	169	249294	41.41	nq	97
66) 4-Bromophenyl-phenylether	10.66	248	70296	40.88	nq	99
67) Hexachlorobenzene	10.73	284	70182	36.65	nq	# 91
68) Atrazine	10.82	200	68650	40.02	nq	95
69) Pentachlorophenol	10.92	266	53276	57.58	nq	98
70) Phenanthrene	11.13	178	362278	39.56	nq	97
71) Anthracene	11.18	178	373429	40.33	nq	98
72) Carbazole	11.34	167	342390	38.19	nq	99
73) Di-n-butylphthalate	11.68	149	463752	41.53	nq	98
74) Fluoranthene	12.31	202	366593	41.82	nq	99
76) Benzidine	12.44	184	328885	66.50	nq	# 93
77) Pyrene	12.54	202	380640	27.78	nq	99
79) Butylbenzylphthalate	13.17	149	216533	33.26	nq	89
80) Benzo(a)anthracene	13.72	228	348210	37.02	nq	100
81) 3,3'-Dichlorobenzidine	13.69	252	133808	39.56	nq	# 97
82) Chrysene	13.76	228	339065	36.62	nq	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	286625	36.16	nq	99
84) Di-n-octyl phthalate	14.34	149	539206	41.15	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.39	276	199982	25.07	nq	100
87) Benzo(b)fluoranthene	14.73	252	279092	41.19	nq	98
88) Benzo(k)fluoranthene	14.73	252	279092	43.50	nq	95
89) Benzo(a)pyrene	15.05	252	243119	39.12	nq	99
90) Dibenzo(a,h)anthracene	16.40	278	166719	29.16	nq	98
91) Benzo(g,h,i)perylene	16.77	276	168042	27.44	nq	96

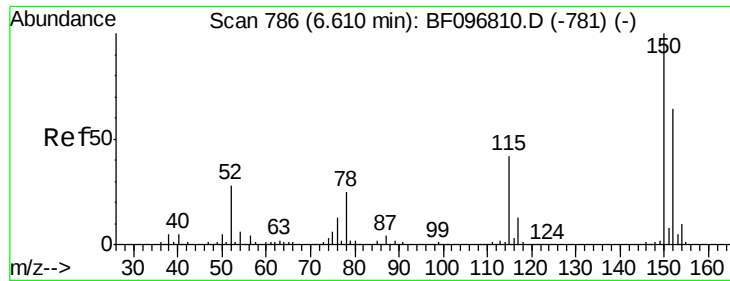
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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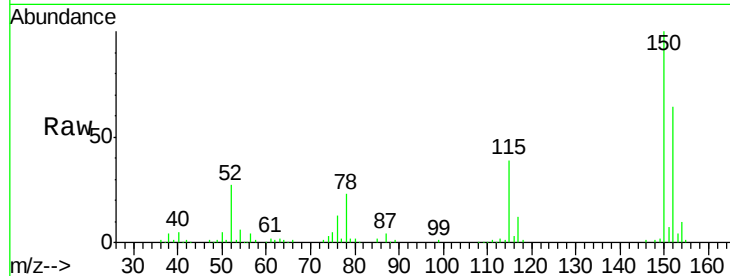


#1

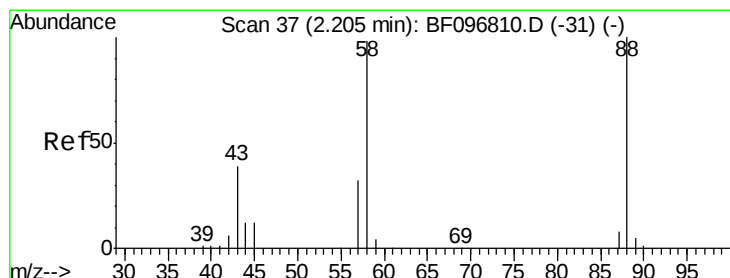
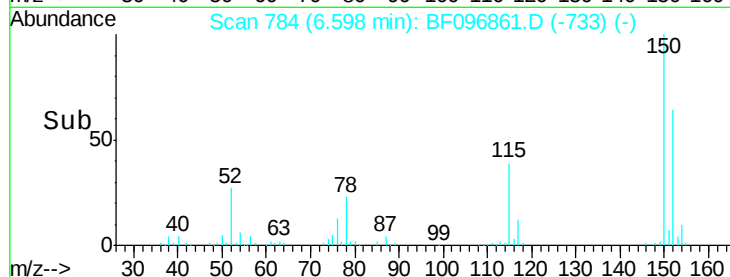
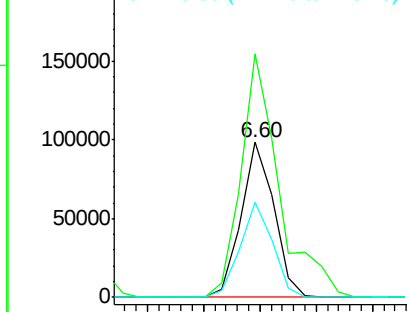
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Tot Ion:152 Resp: 79350
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 61.4 52.2 78.2



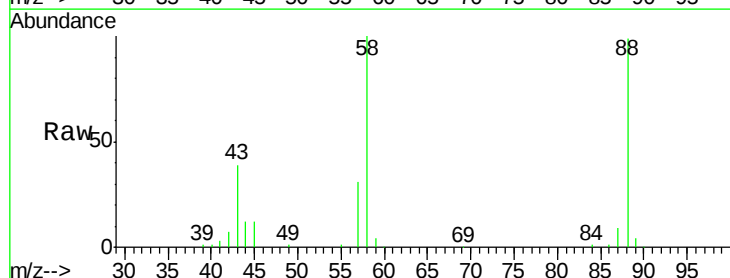
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



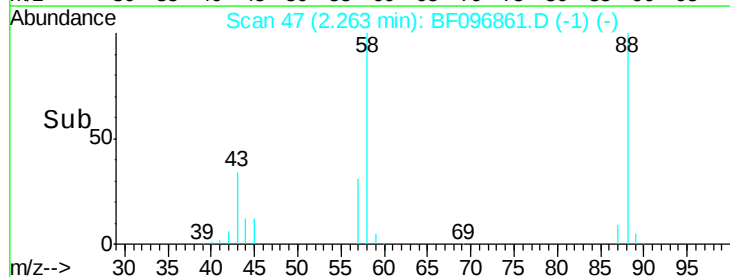
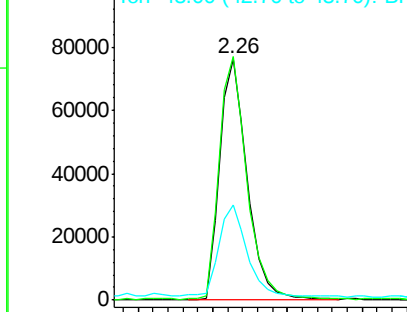
#2

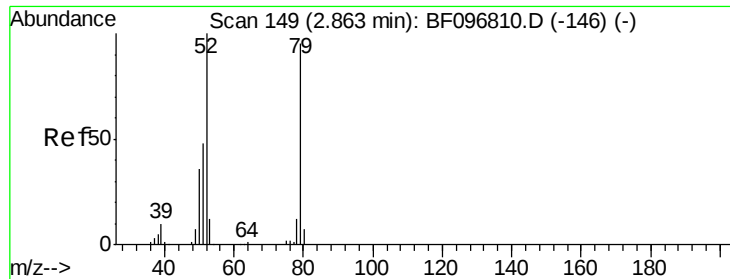
1,4-Dioxane
Concen: 36.48 ng
RT: 2.26 min Scan# 47
Delta R.T. 0.08 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion: 88 Resp: 99063
Ion Ratio Lower Upper
88 100
58 103.0 61.4 92.0#
43 37.5 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: 38.92 ng

RT: 2.92 min Scan# 158

Delta R.T. 0.07 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

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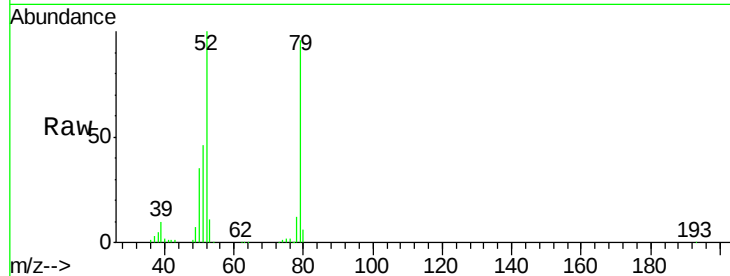
Tot Ion: 79 Resp: 222114

Ion Ratio Lower Upper

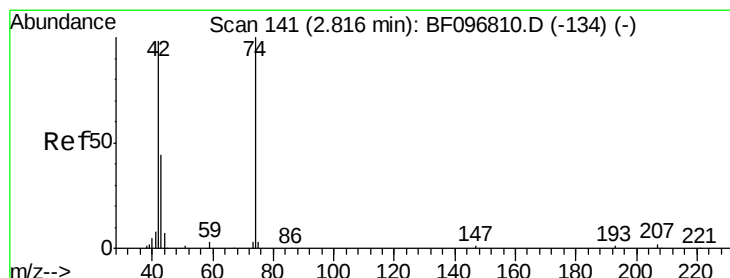
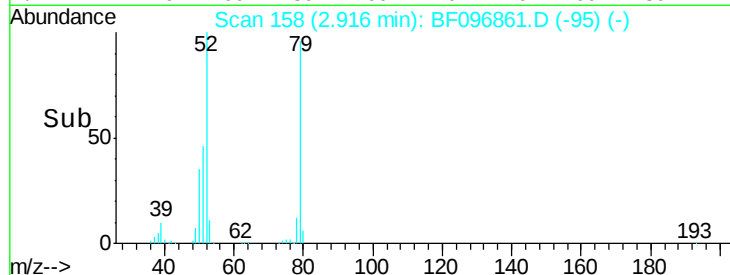
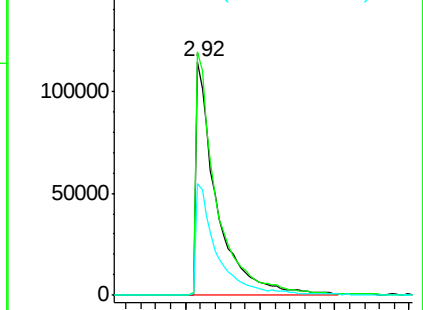
79 100

52 104.3 54.8 82.2#

51 47.9 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.96 ng

RT: 2.86 min Scan# 149

Delta R.T. 0.06 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

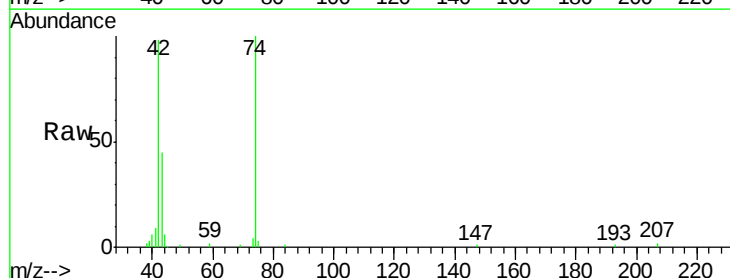
Tgt Ion: 42 Resp: 127541

Ion Ratio Lower Upper

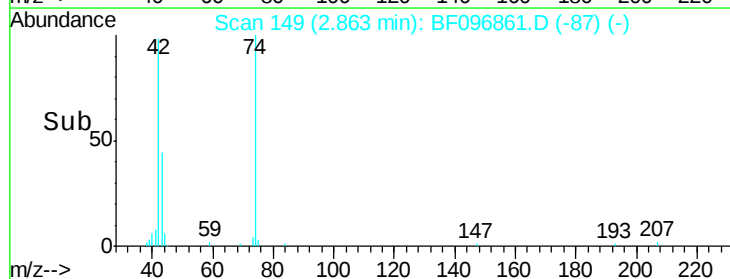
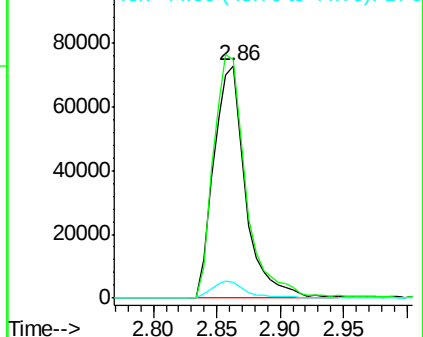
42 100

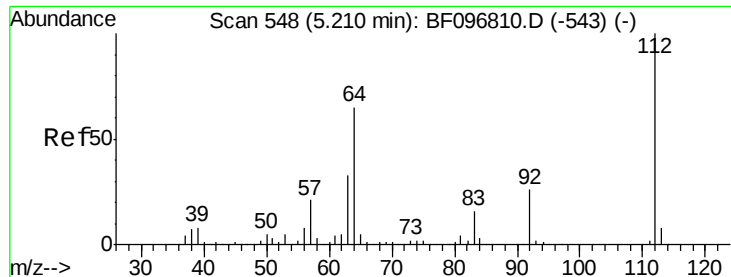
74 102.3 103.9 155.9#

44 6.6 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.80 ng

RT: 5.22 min Scan# 549

Delta R.T. 0.02 min

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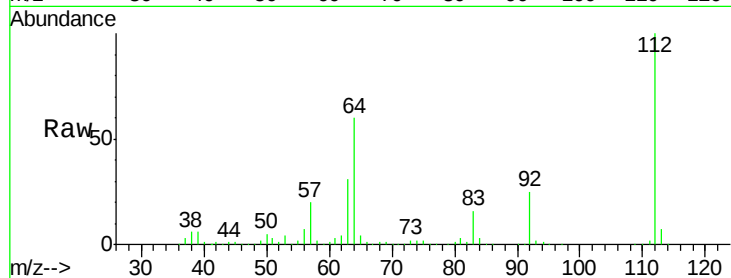
Tot Ion:112 Resp: 415880

Ion Ratio Lower Upper

112 100

64 60.5 46.0 69.0

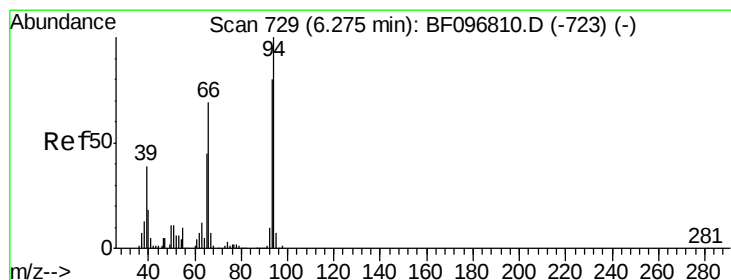
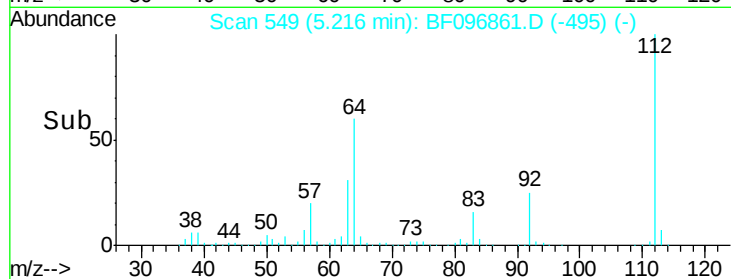
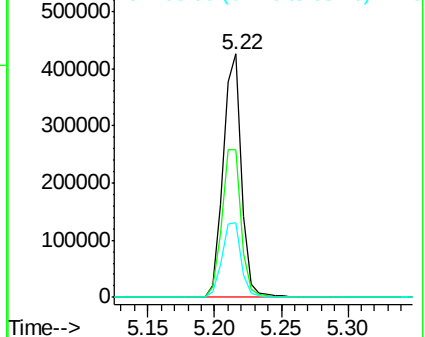
63 30.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.97 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

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Acq: 18 Jul 2017 23:20

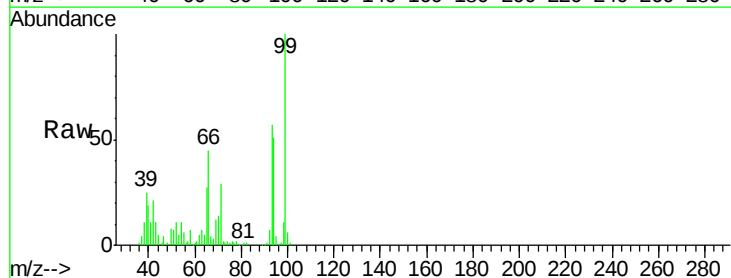
Tgt Ion: 93 Resp: 179171

Ion Ratio Lower Upper

93 100

66 79.6 32.9 49.3#

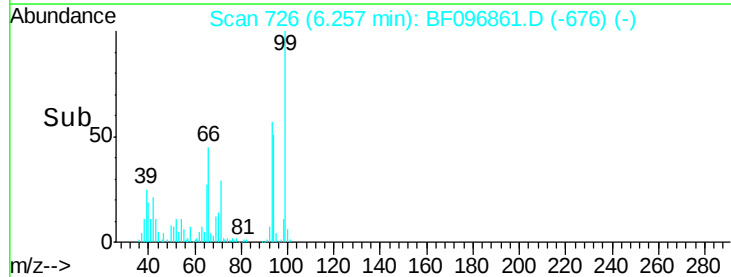
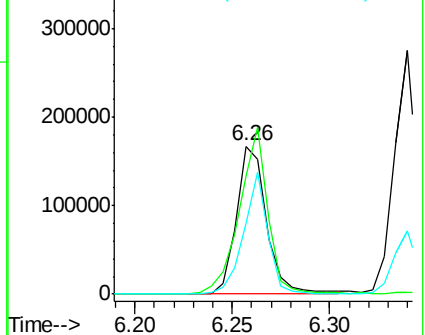
65 48.1 16.0 24.0#

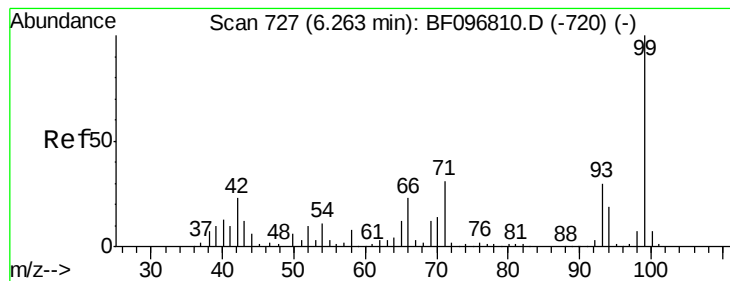


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.80 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.00 min

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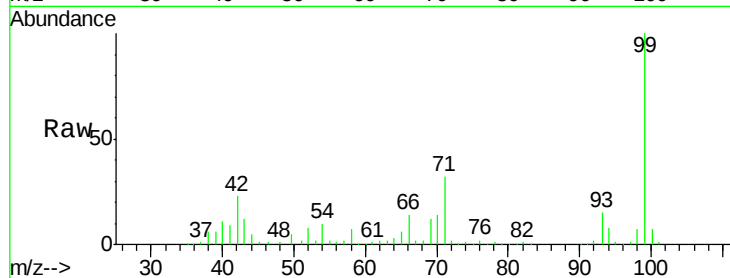
Tot Ion: 99 Resp: 524385

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

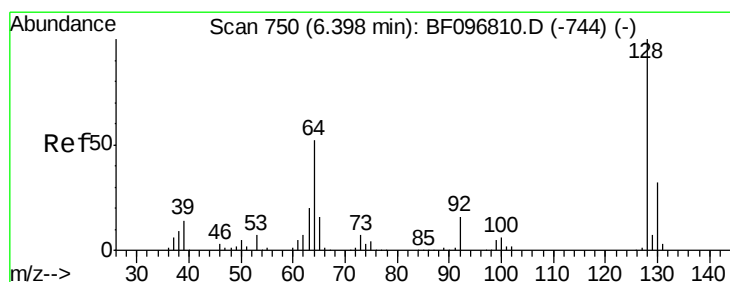
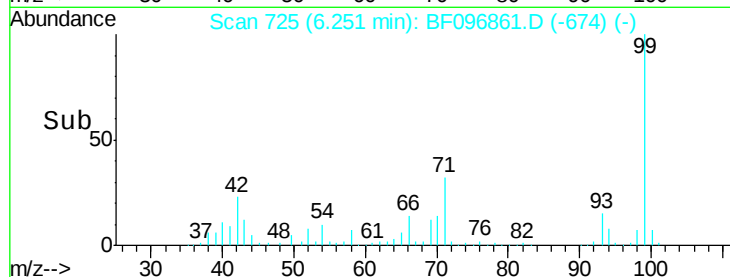
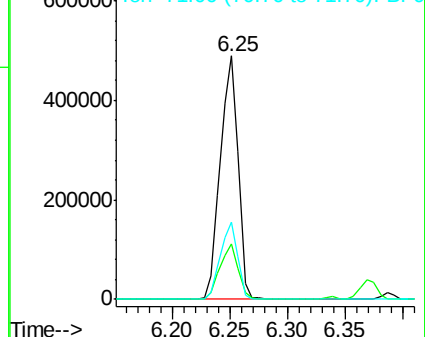
71 31.9 24.5 36.7



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: 42.02 ng

RT: 6.39 min Scan# 748

Delta R.T. -0.00 min

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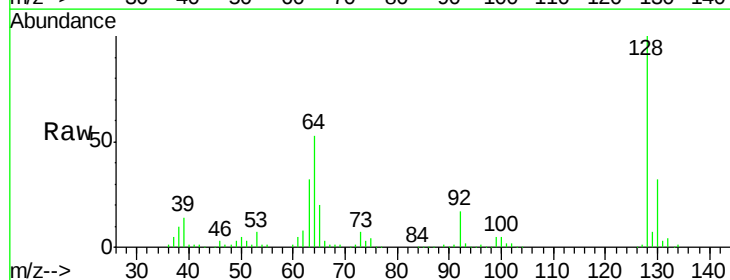
Tgt Ion: 128 Resp: 239237

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

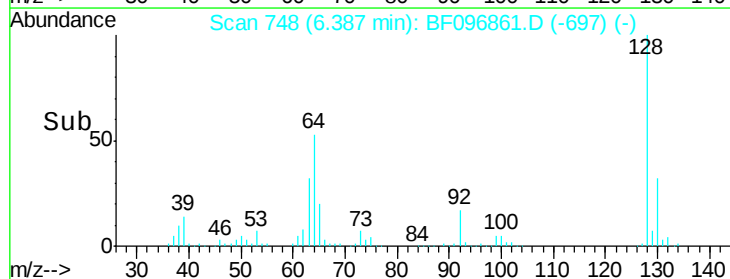
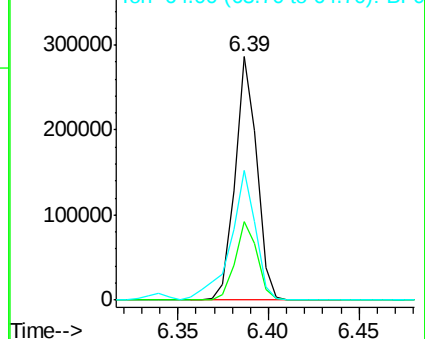
64 53.1 28.4 68.4

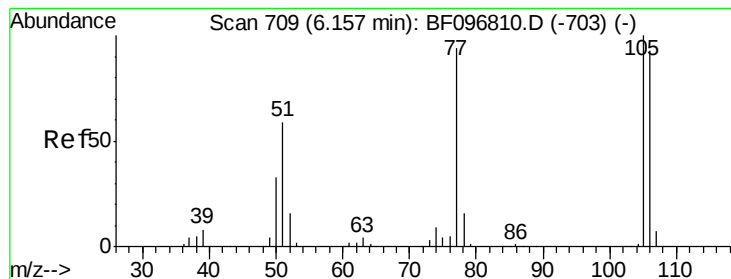


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 25.53 ng

RT: 6.14 min Scan# 706

Delta R.T. -0.01 min

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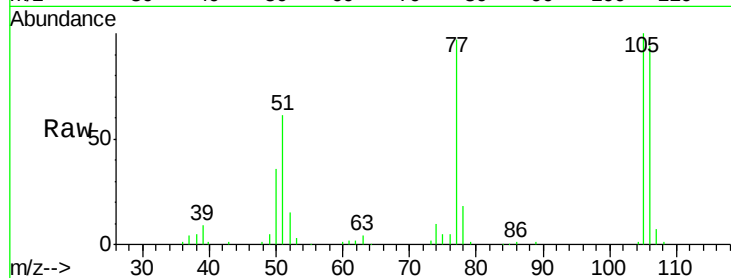
Tot Ion: 77 Resp: 93465

Ion Ratio Lower Upper

77 100

105 103.2 83.8 123.8

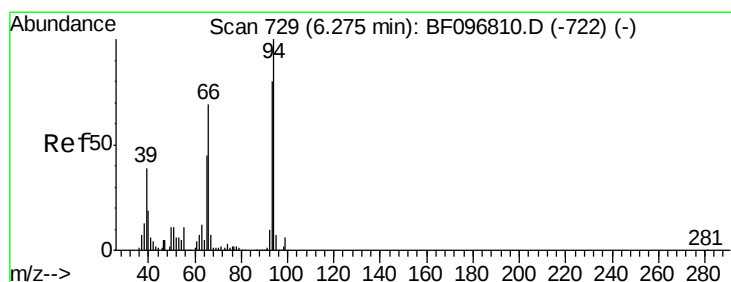
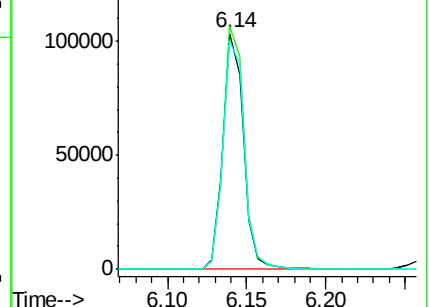
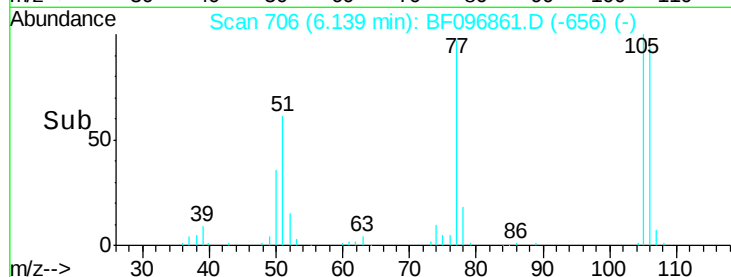
106 96.9 79.1 119.1



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: 39.10 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

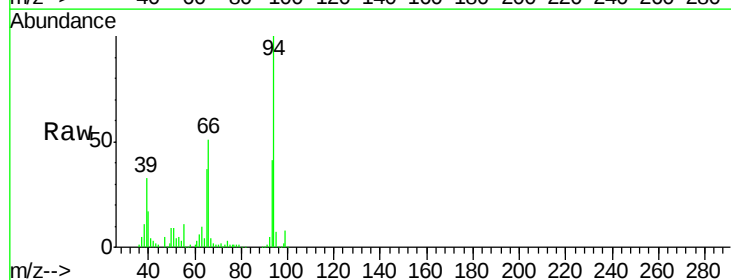
Tgt Ion: 94 Resp: 279927

Ion Ratio Lower Upper

94 100

65 37.2 9.9 49.9

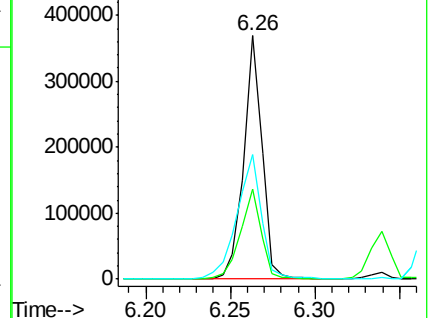
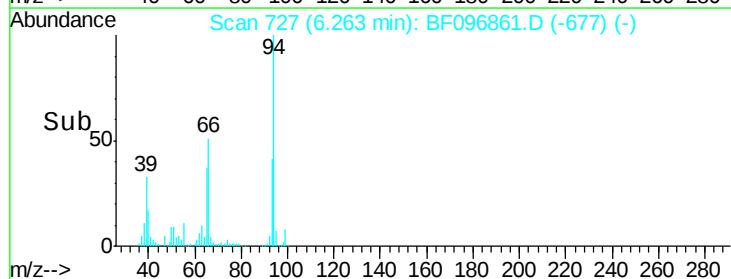
66 50.9 23.1 63.1

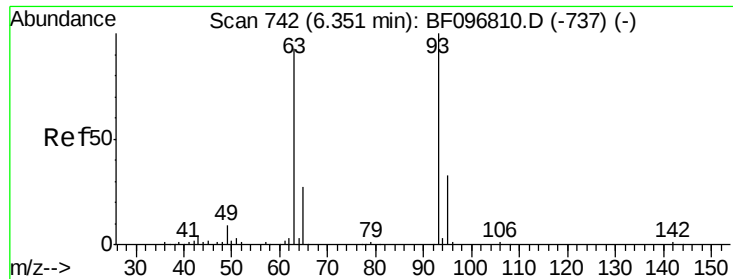


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.00 ng

RT: 6.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

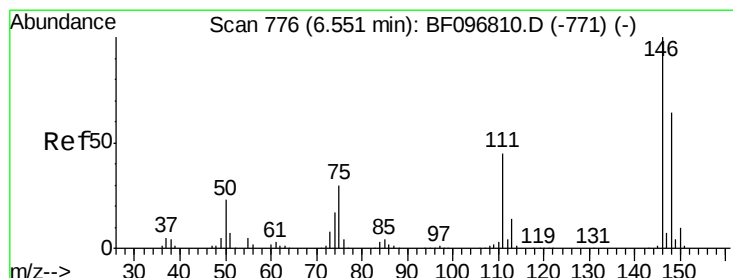
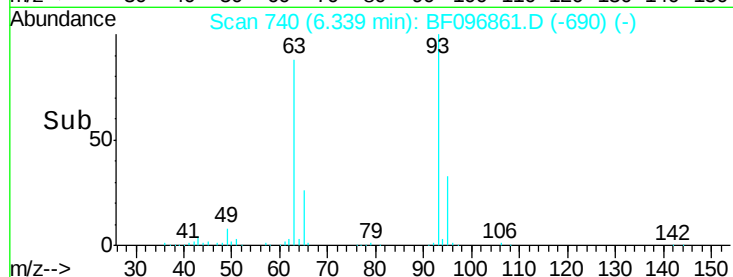
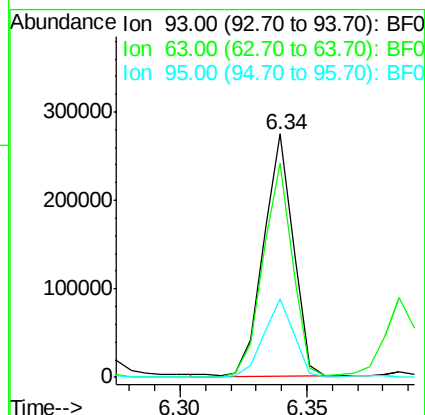
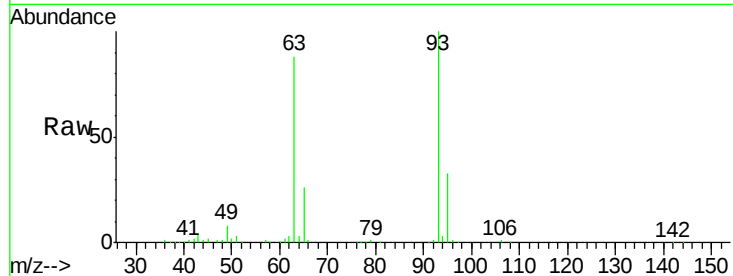
Tot Ion: 93 Resp: 226129

Ion Ratio Lower Upper

93 100

63 87.9 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.52 ng

RT: 6.54 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

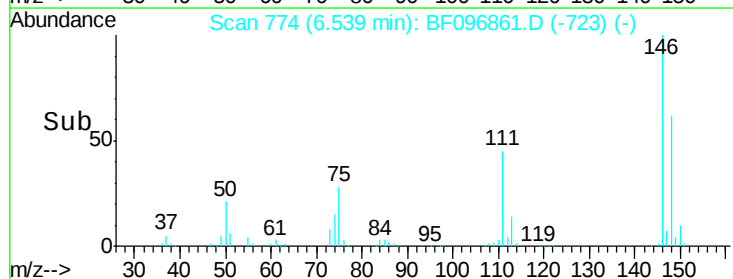
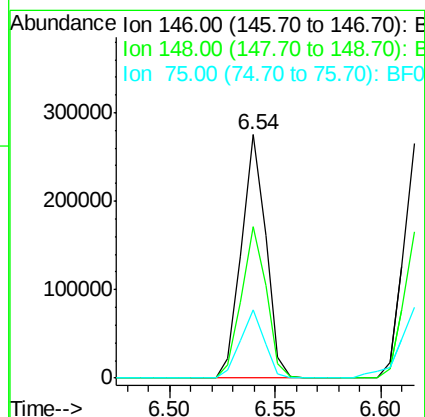
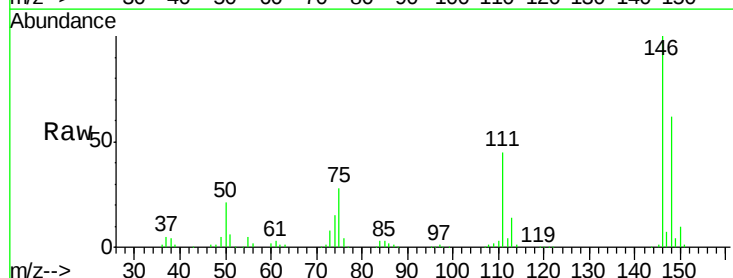
Tgt Ion: 146 Resp: 220987

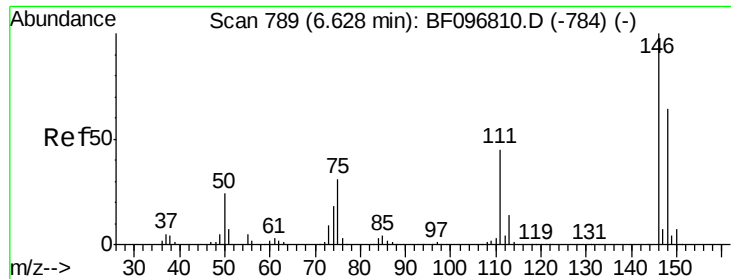
Ion Ratio Lower Upper

146 100

148 62.3 51.8 77.6

75 27.9 23.1 34.7

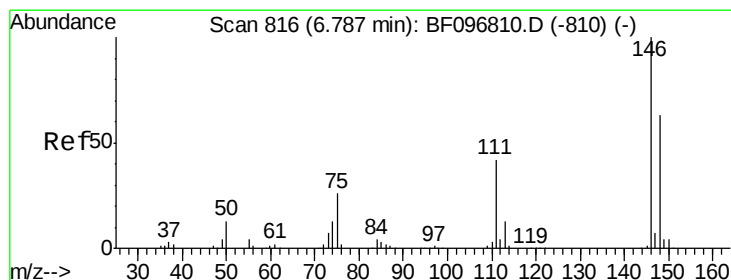
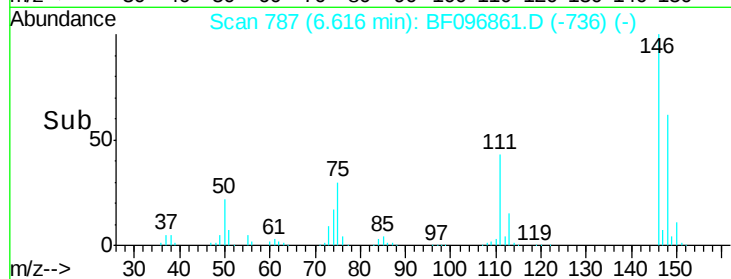
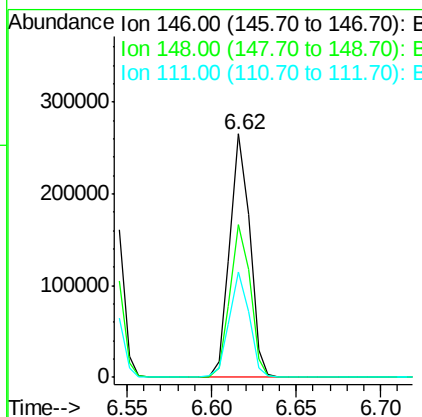
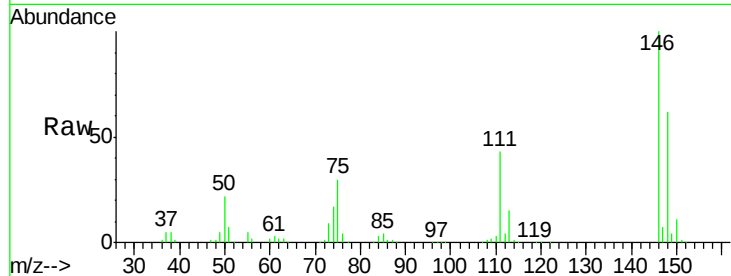




#13
 1,4-Dichlorobenzene
 Concen: 35.96 ng
 RT: 6.62 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

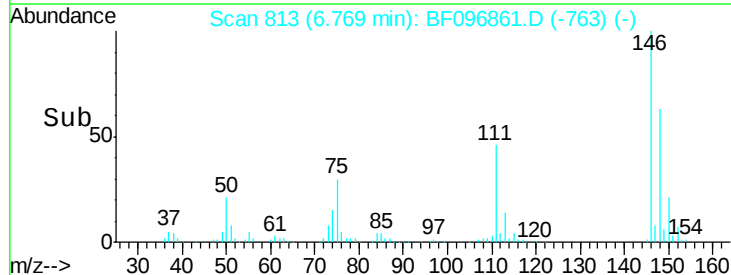
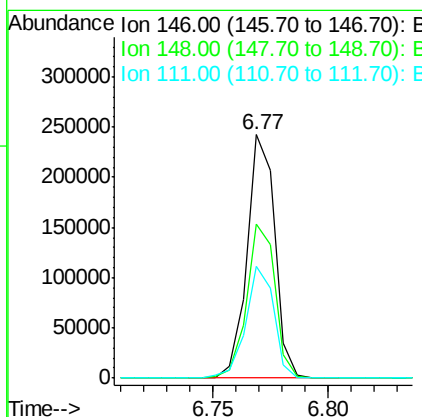
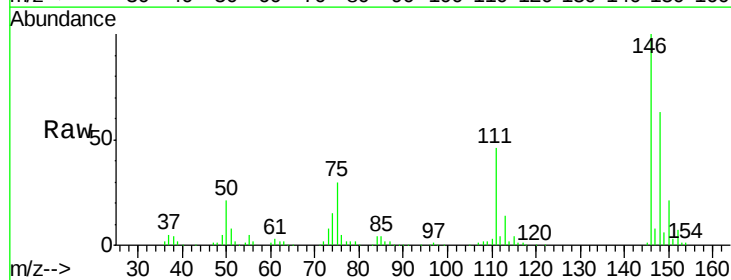
Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

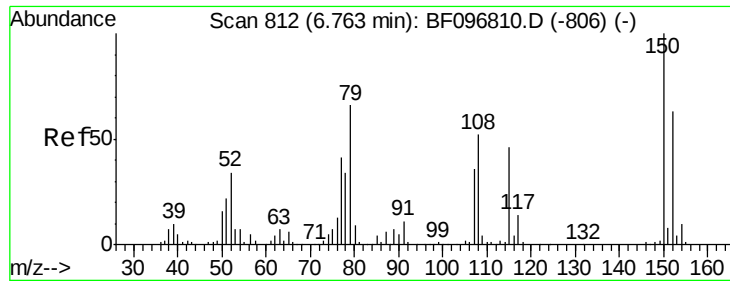
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.2	78.2
111	43.3	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 36.63 ng
 RT: 6.77 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	46.0	38.2	57.4

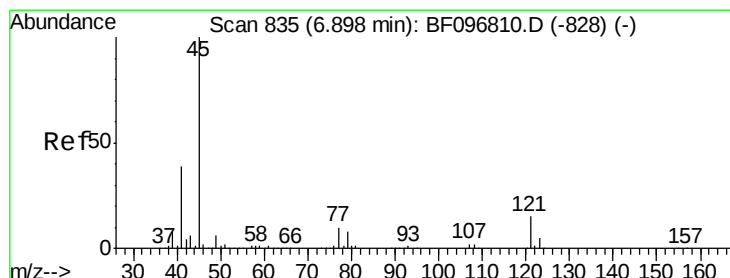
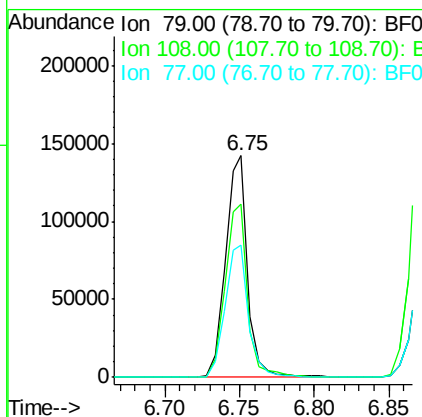
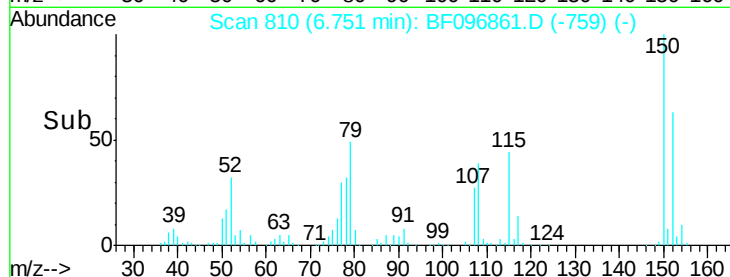
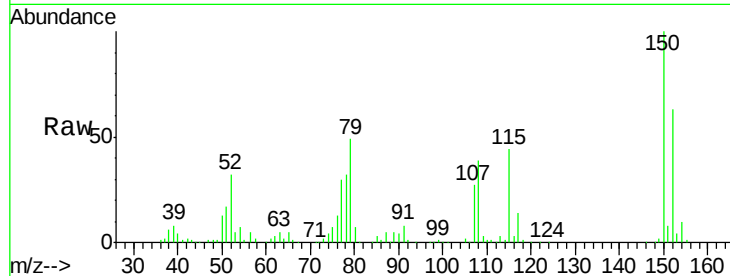




#15
Benzyl Alcohol
Concen: 35.80 ng
RT: 6.75 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

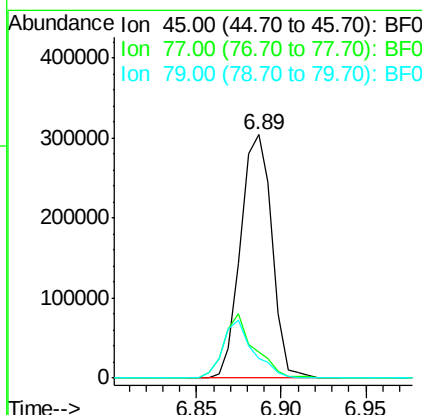
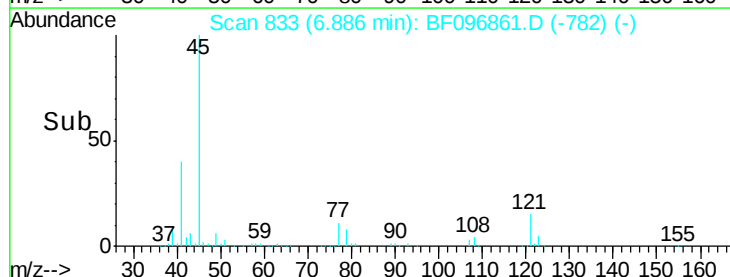
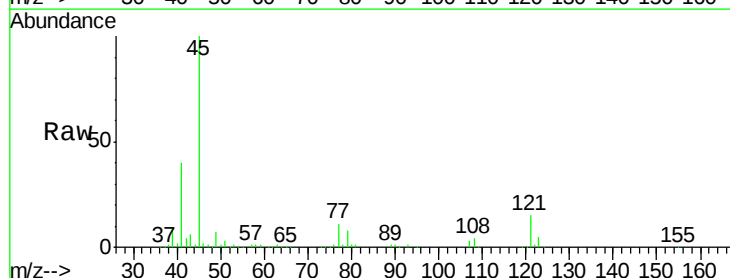
Instrument :
BNA_F
ClientSampleId :
PB100719BS

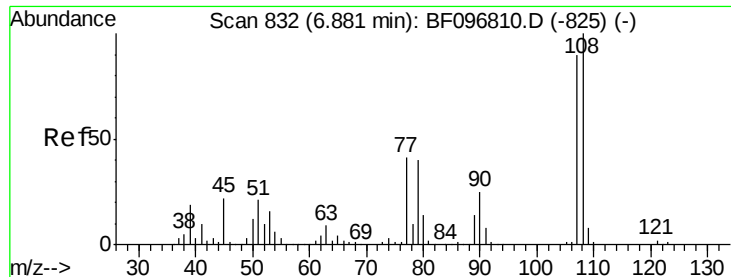
Tot Ion: 79 Resp: 148420
Ion Ratio Lower Upper
79 100
108 78.3 63.4 95.0
77 59.8 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.46 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion: 45 Resp: 393931
Ion Ratio Lower Upper
45 100
77 10.6 0.0 33.2
79 8.0 0.0 30.0

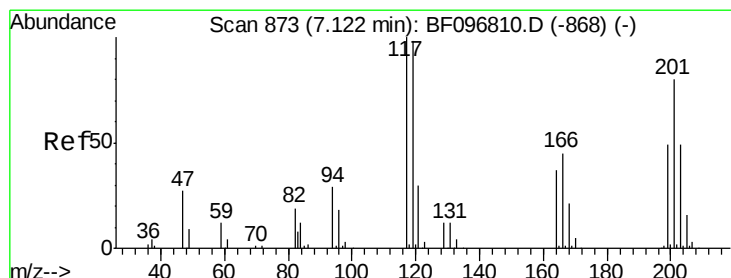
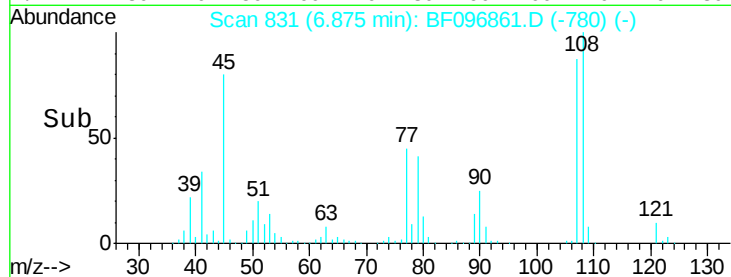
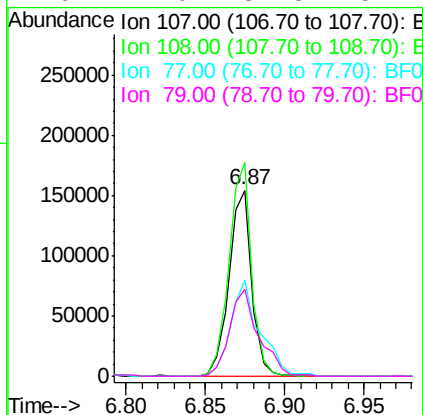
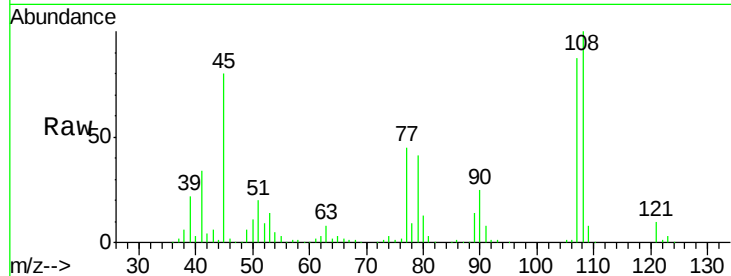




#17
2-Methylphenol
Concen: 34.79 ng
RT: 6.87 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

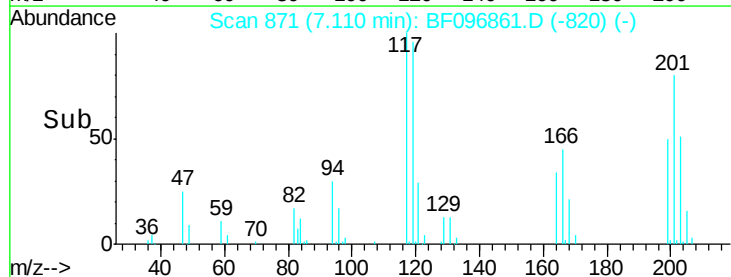
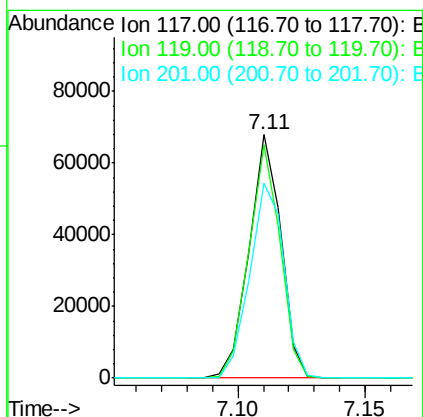
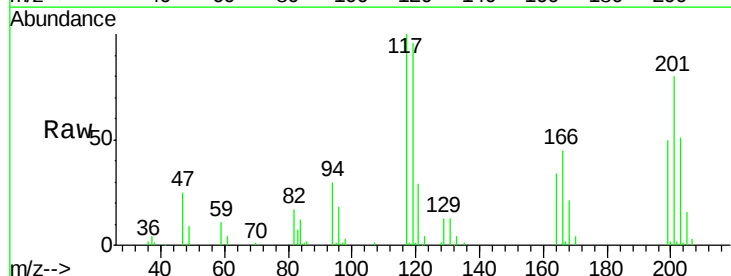
Instrument :
BNA_F
ClientSampleId :
PB100719BS

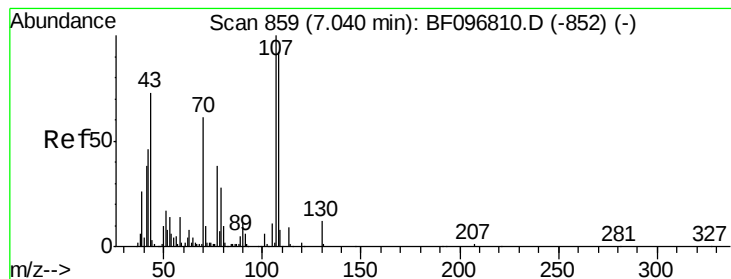
Tot Ion:	107	Resp:	154039
Ion	Ratio	Lower	Upper
107	100		
108	114.7	93.4	140.0
77	51.8	35.8	53.6
79	47.0	34.8	52.2



#18
Hexachloroethane
Concen: 27.53 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:	117	Resp:	59824
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.4	116.0
201	80.0	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 34.80 ng

RT: 7.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

Tot Ion: 70 Resp: 132775

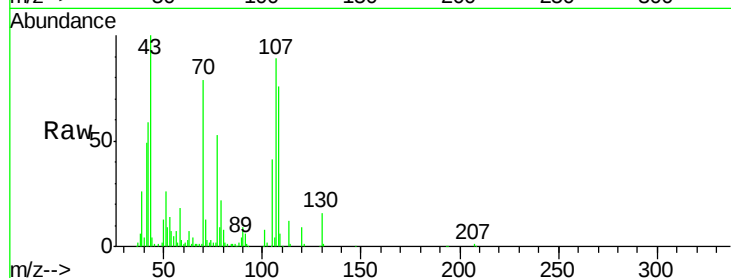
Ion Ratio Lower Upper

70 100

42 74.5 47.2 70.8#

101 10.4 7.2 10.8

130 20.5 15.9 23.9



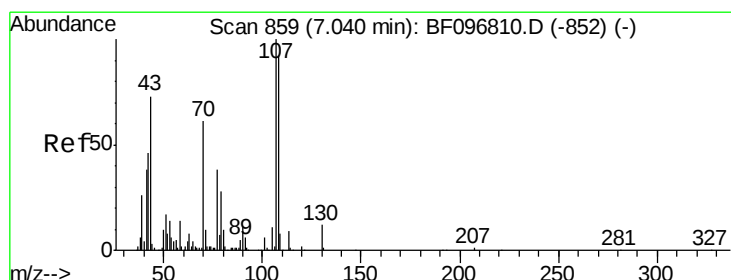
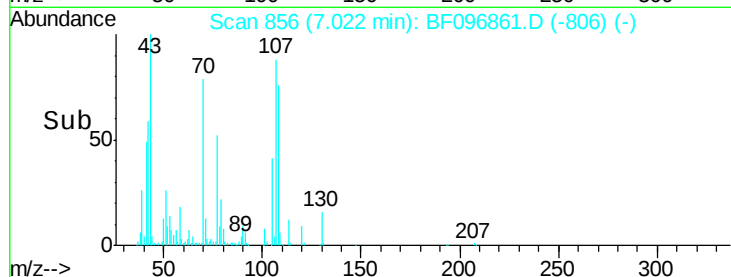
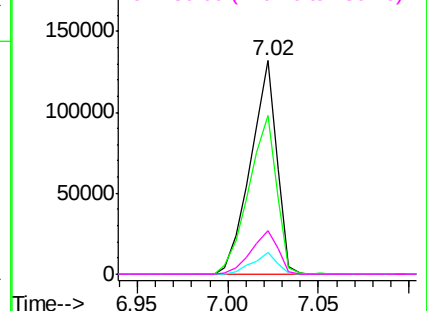
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 36.75 ng

RT: 7.03 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Tgt Ion: 107 Resp: 197420

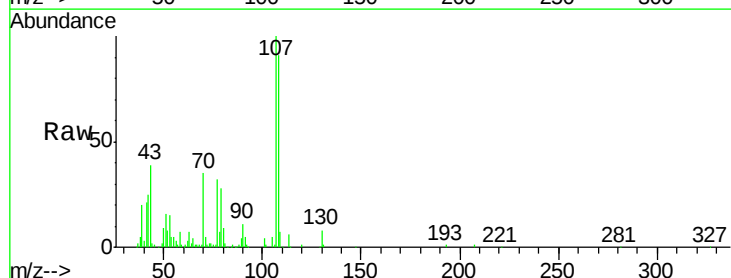
Ion Ratio Lower Upper

107 100

108 91.0 71.0 111.0

77 32.3 90.5 130.5#

79 28.0 8.4 48.4



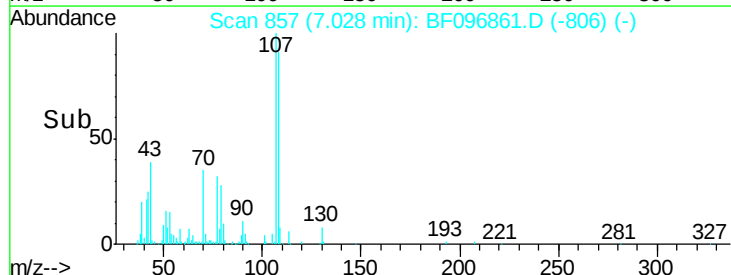
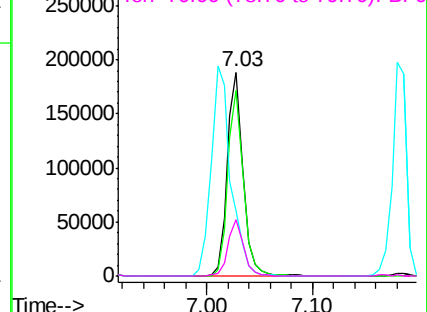
Abundance

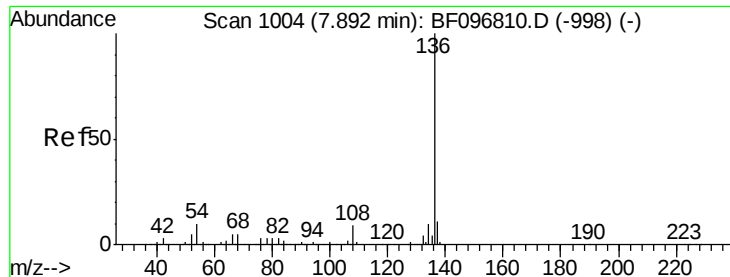
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

Tot Ion:136 Resp: 309684

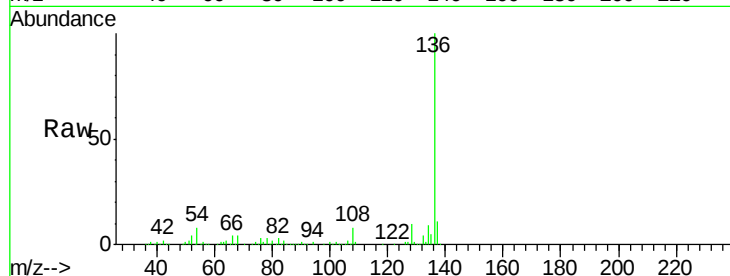
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 8.4 4.9 7.3#

68 4.0 4.1 6.1#

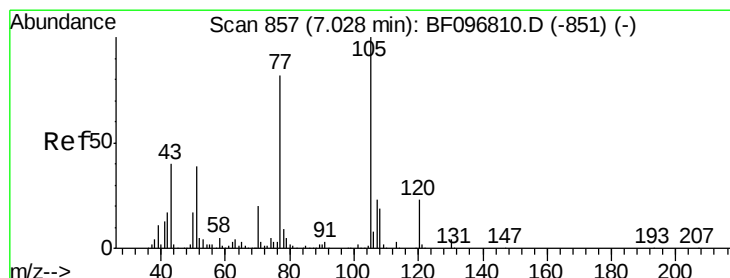
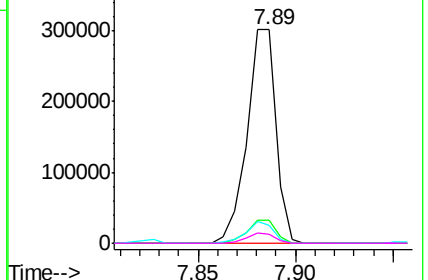
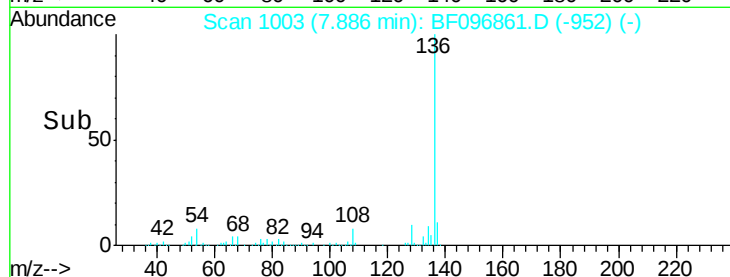


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.85 ng

RT: 7.01 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Tgt Ion:105 Resp: 268876

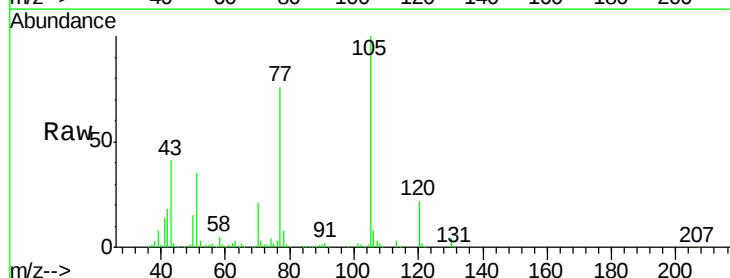
Ion Ratio Lower Upper

105 100

71 3.4 2.8 4.2

51 34.9 30.7 46.1

120 22.3 17.4 26.0

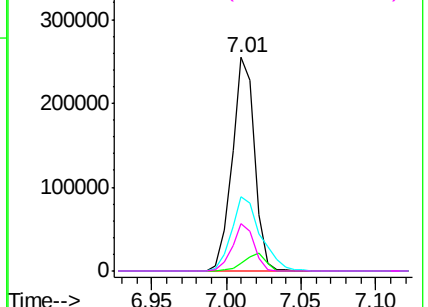
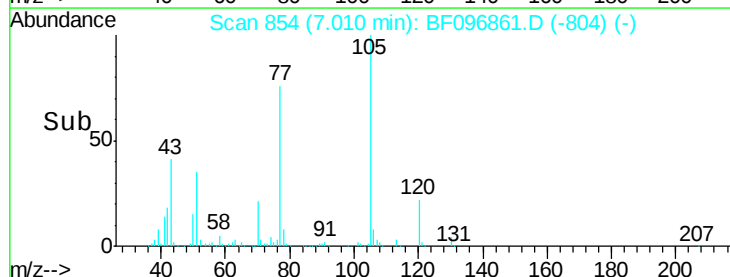


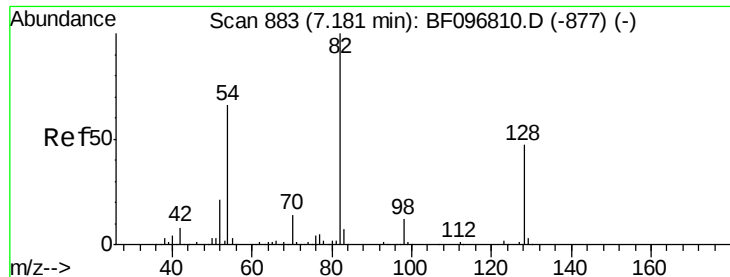
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

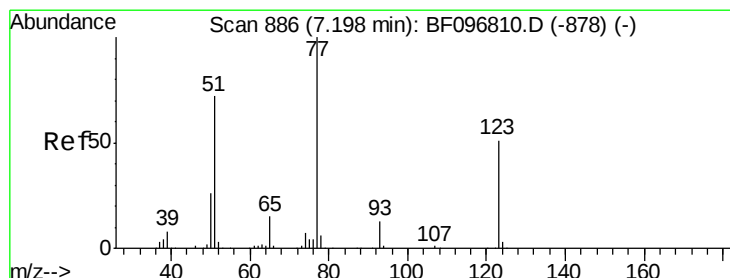
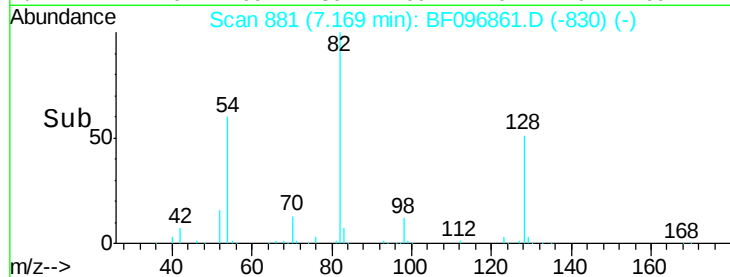
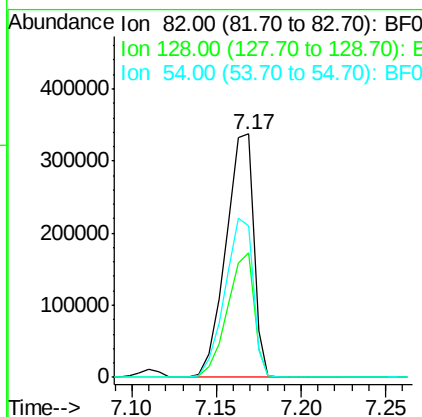
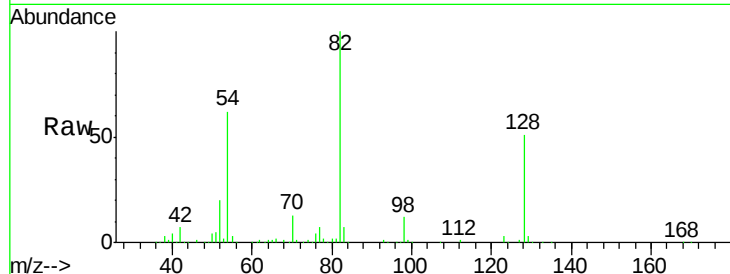




#23
 Nitrobenzene-d5
 Concen: 77.30 ng
 RT: 7.17 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

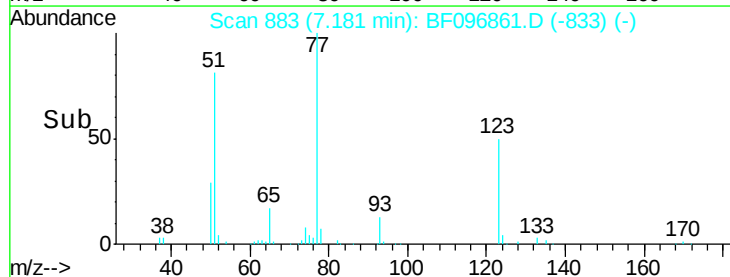
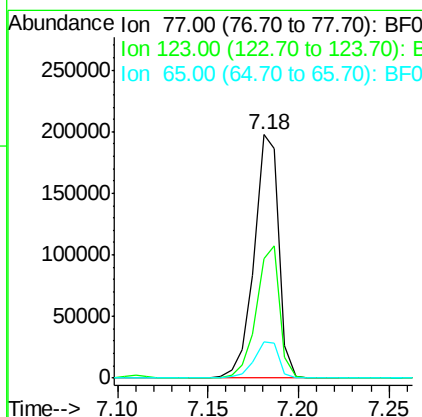
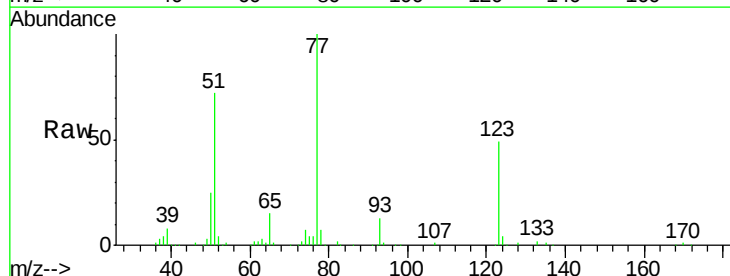
Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

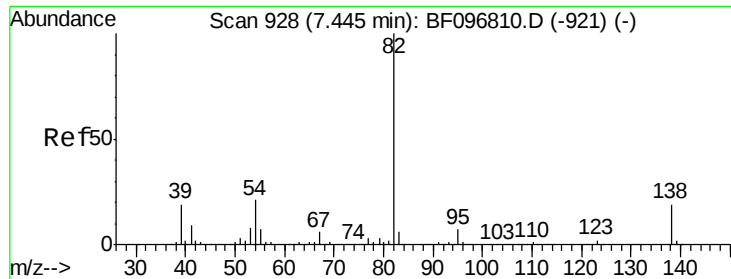
Tot Ion: 82 Resp: 386469
 Ion Ratio Lower Upper
 82 100
 128 51.1 34.0 51.0#
 54 62.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 36.00 ng
 RT: 7.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion: 77 Resp: 186171
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 14.6 10.6 15.8





#25

Isophorone

Concen: 36.33 ng

RT: 7.43 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

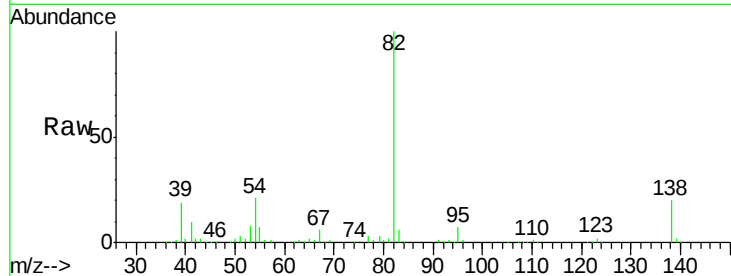
Tot Ion: 82 Resp: 337927

Ion Ratio Lower Upper

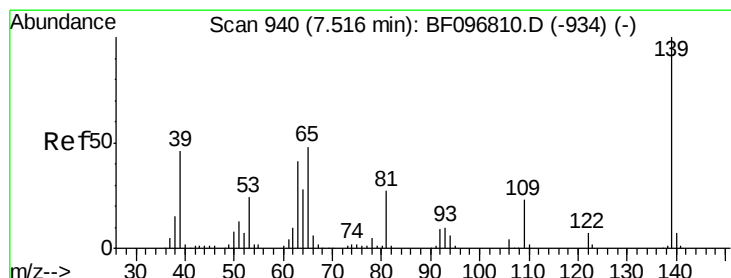
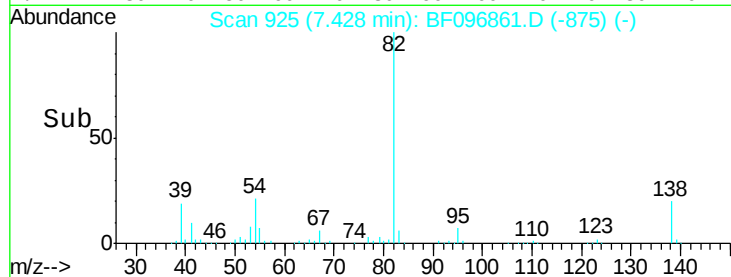
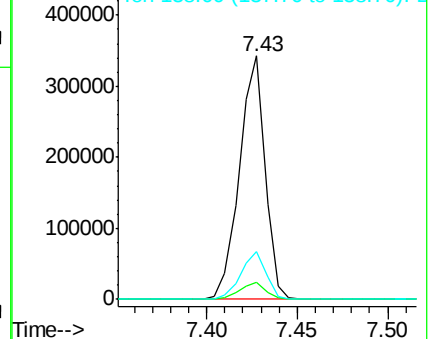
82 100

95 7.2 5.3 7.9

138 19.7 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: 25.11 ng

RT: 7.50 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

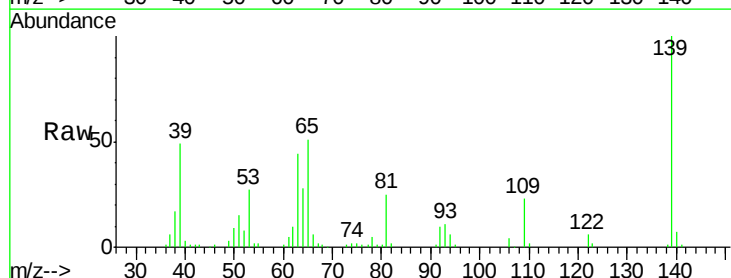
Tgt Ion: 139 Resp: 72182

Ion Ratio Lower Upper

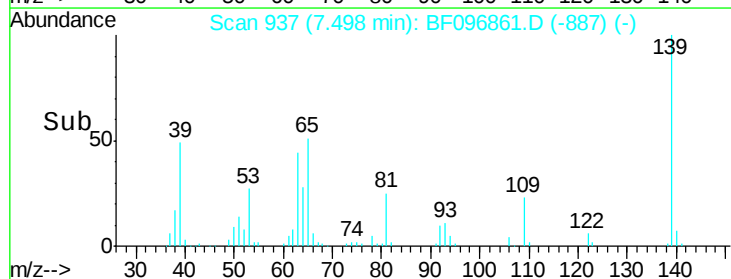
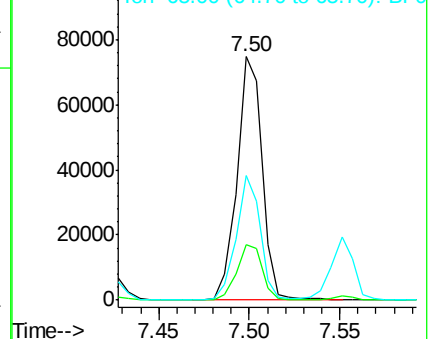
139 100

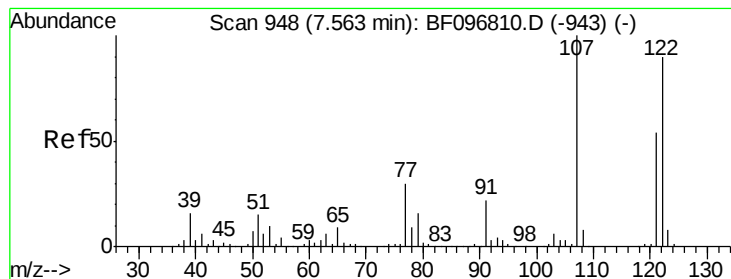
109 22.7 21.0 31.6

65 51.4 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.19 ng

RT: 7.55 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

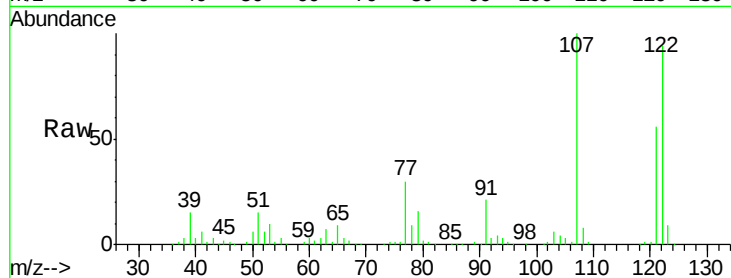
Tot Ion:122 Resp: 175901

Ion Ratio Lower Upper

122 100

107 105.9 89.2 133.8

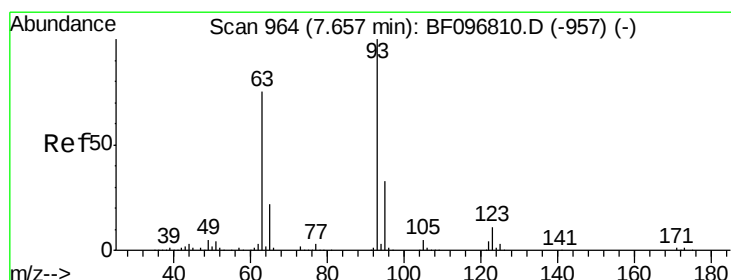
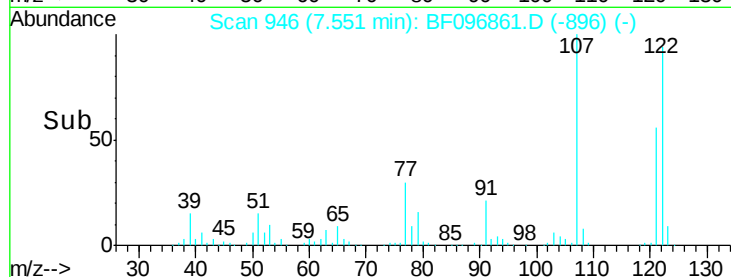
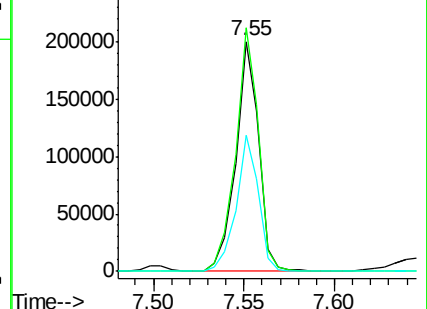
121 59.0 45.2 67.8



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: 37.50 ng

RT: 7.64 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

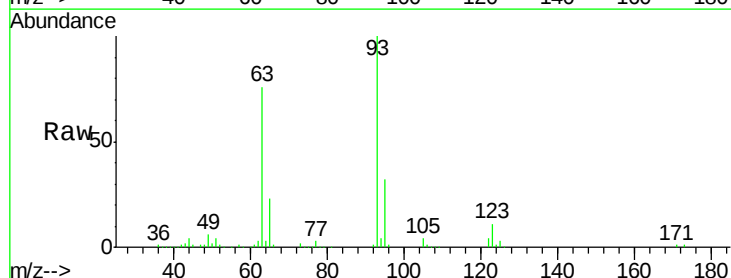
Tgt Ion: 93 Resp: 235698

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

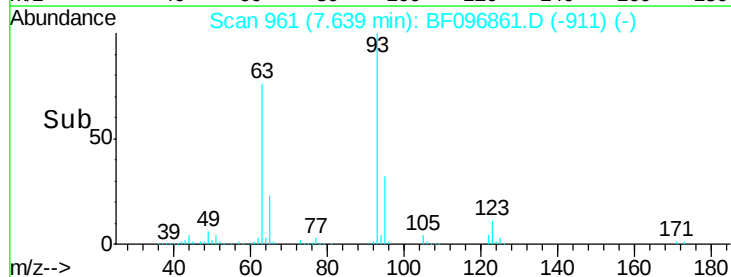
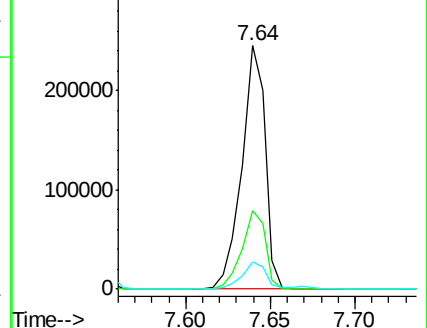
123 11.0 9.0 13.4

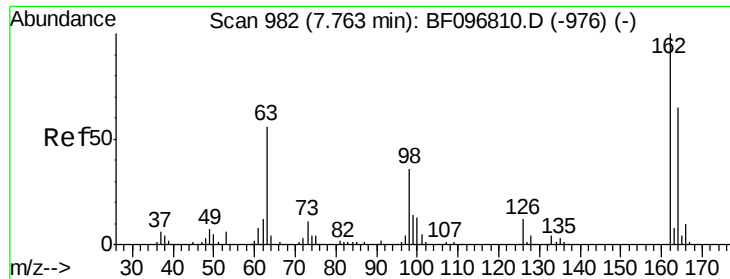


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

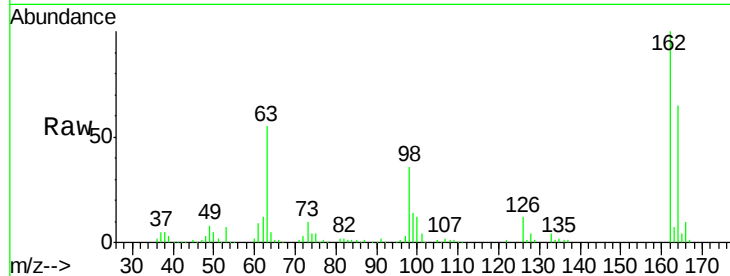




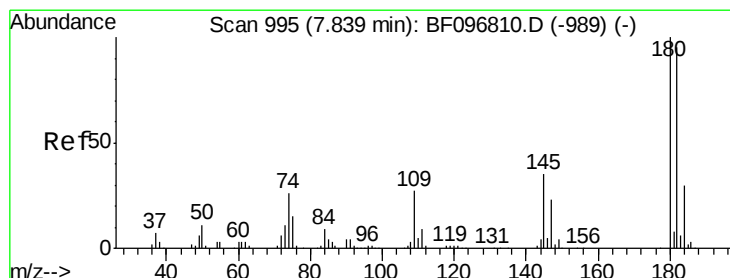
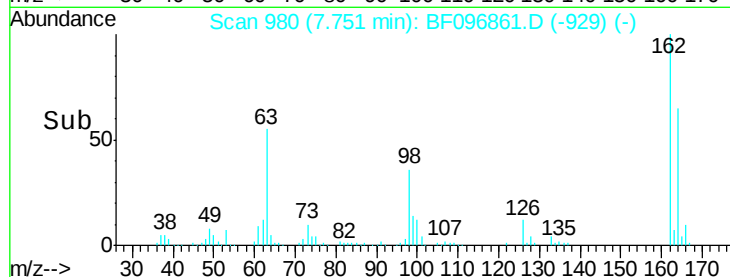
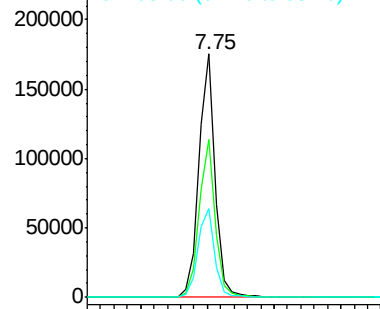
#29
2,4-Dichlorophenol
Concen: 35.13 ng
RT: 7.75 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	36.3	14.8	54.8

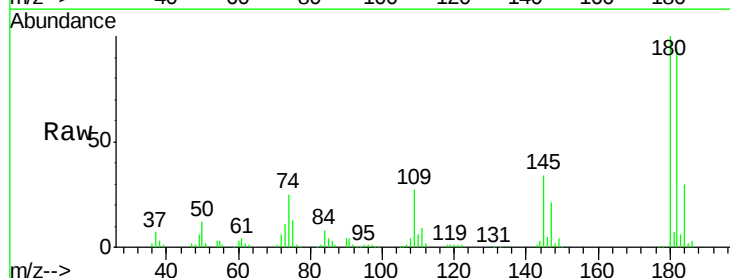


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

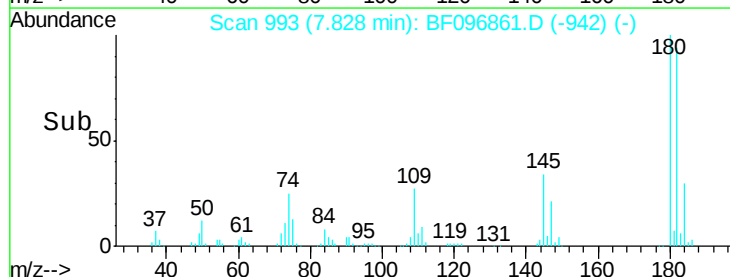
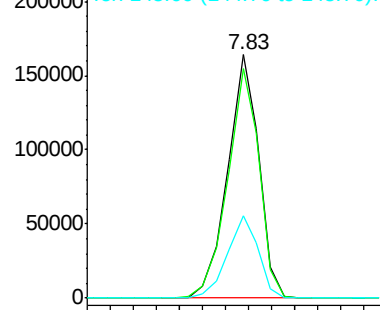


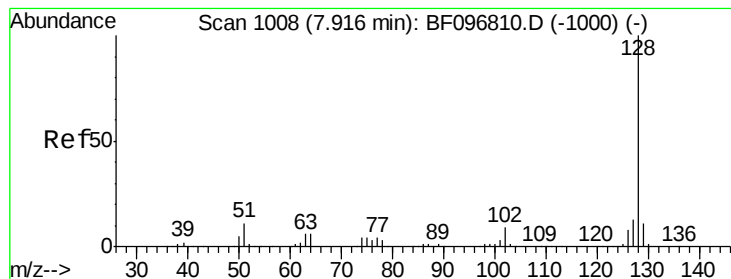
#30
1,2,4-Trichlorobenzene
Concen: 37.97 ng
RT: 7.83 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	33.8	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: 37.95 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

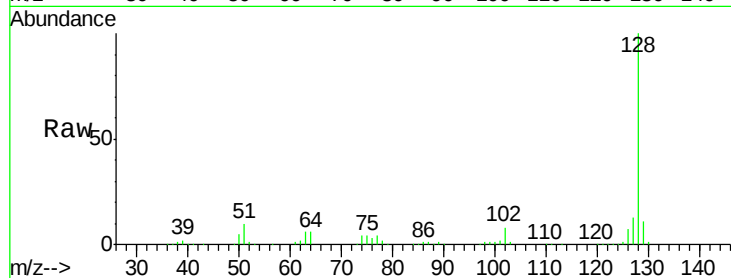
Tot Ion:128 Resp: 556708

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

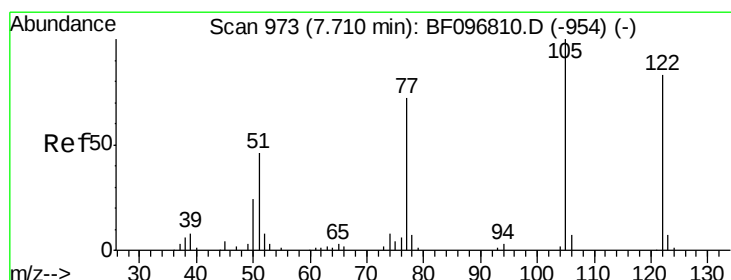
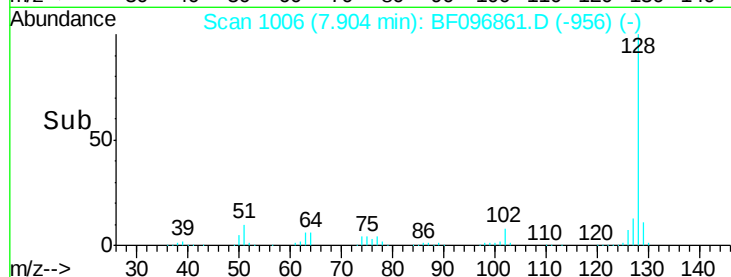
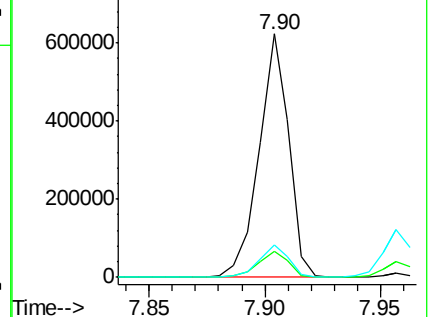
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.35 ng

RT: 7.67 min Scan# 966

Delta R.T. -0.04 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

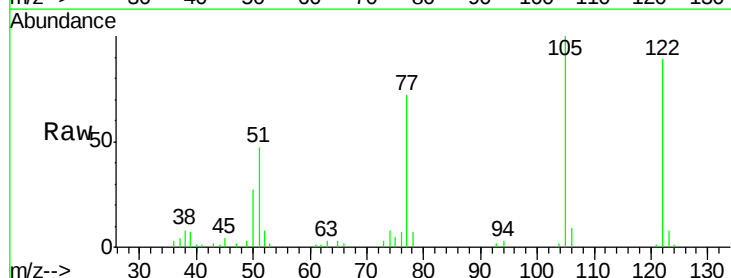
Tgt Ion:122 Resp: 64556

Ion Ratio Lower Upper

122 100

105 112.3 103.3 143.3

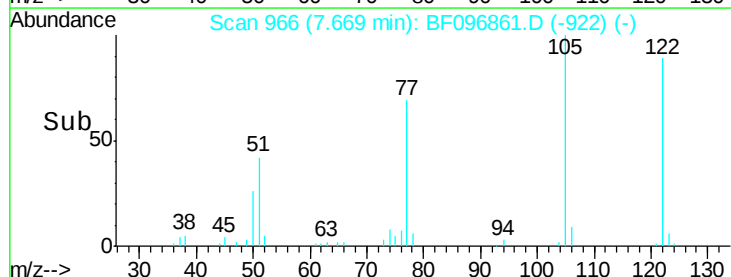
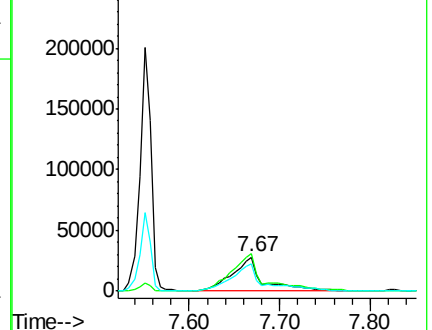
77 81.4 73.7 113.7

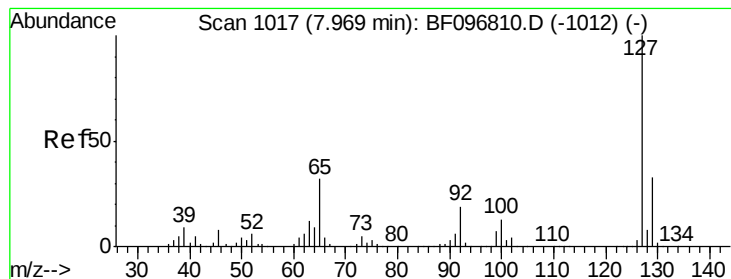


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.89 ng

RT: 7.96 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

Tot Ion:127 Resp: 121407

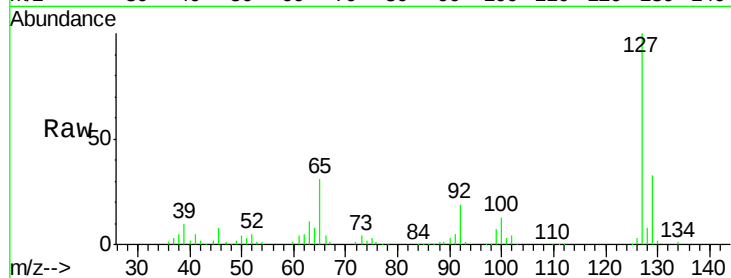
Ion Ratio Lower Upper

127 100

129 32.7 26.2 39.2

65 31.3 27.8 41.8

92 18.9 16.8 25.2

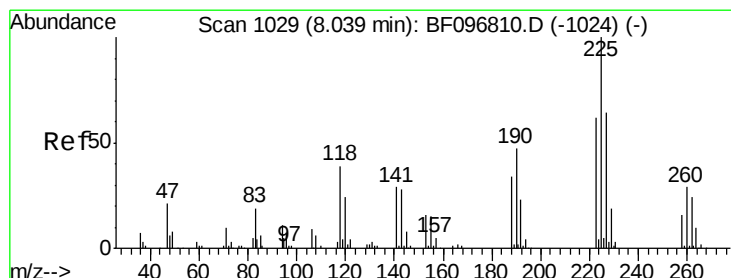
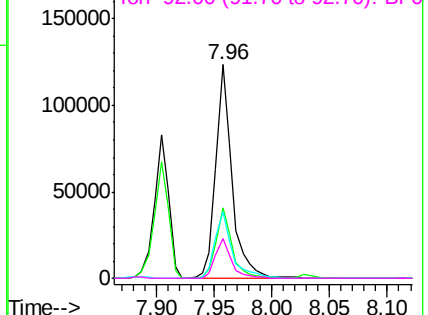
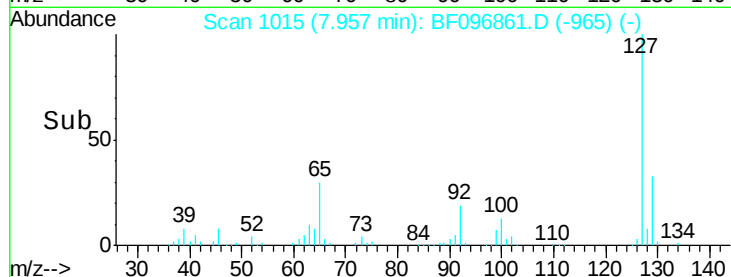


Abundance Ion 127.00 (126.70 to 127.70): E

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: 38.27 ng

RT: 8.03 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

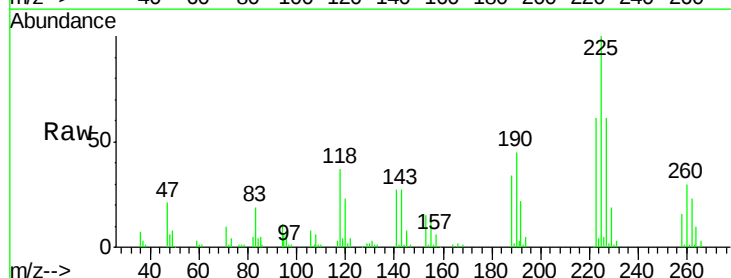
Tgt Ion:225 Resp: 83161

Ion Ratio Lower Upper

225 100

223 61.1 48.8 73.2

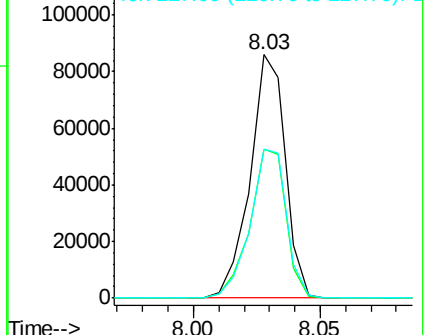
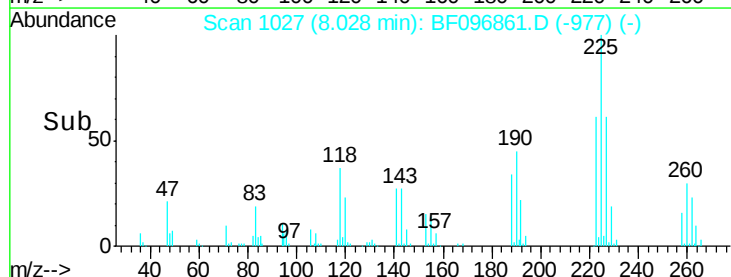
227 61.0 51.1 76.7

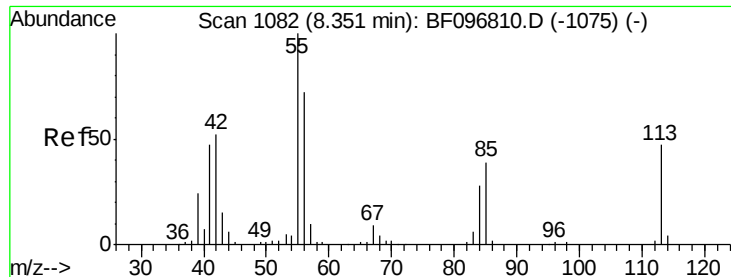


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

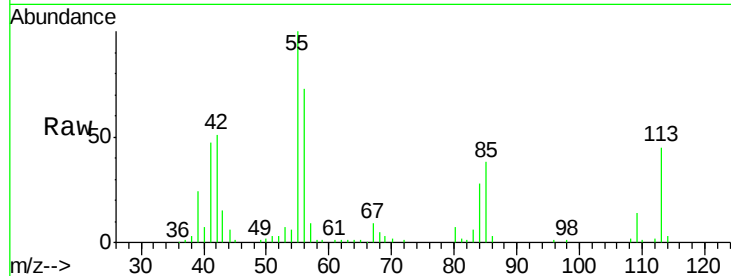




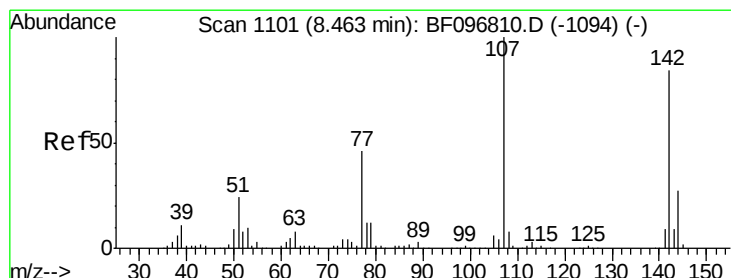
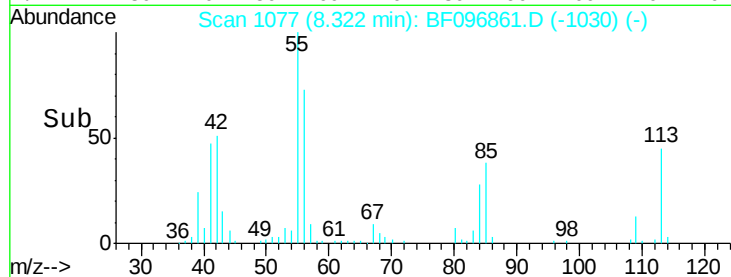
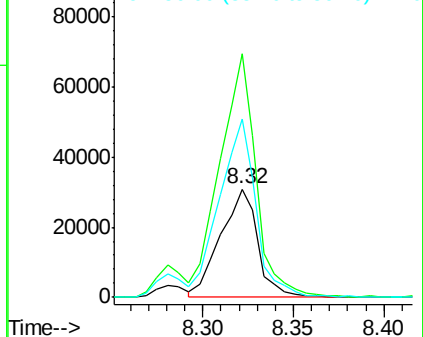
#35
 Caprolactam
 Concen: 32.04 ng
 RT: 8.32 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleID :
 PB100719BS

Tot Ion:113 Resp: 43957
 Ion Ratio Lower Upper
 113 100
 55 224.6 150.2 190.2#
 56 164.7 107.8 147.8#

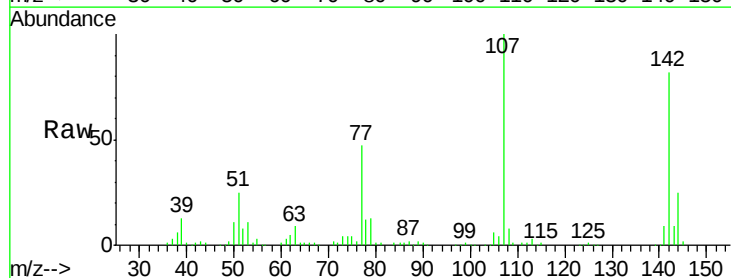


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

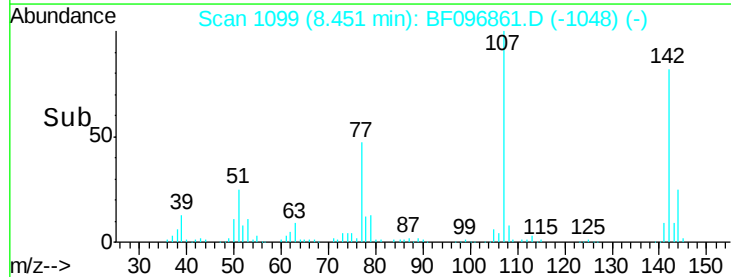
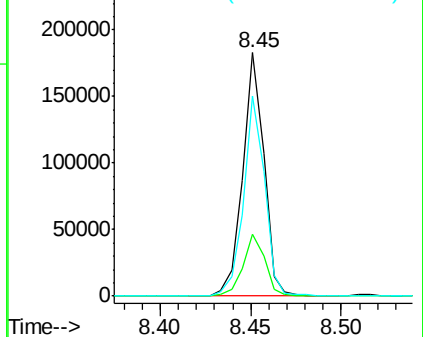


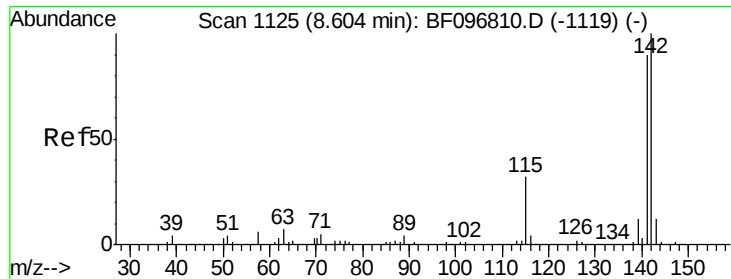
#36
 4-Chloro-3-methylphenol
 Concen: 32.43 ng
 RT: 8.45 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:107 Resp: 149292
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 82.4 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

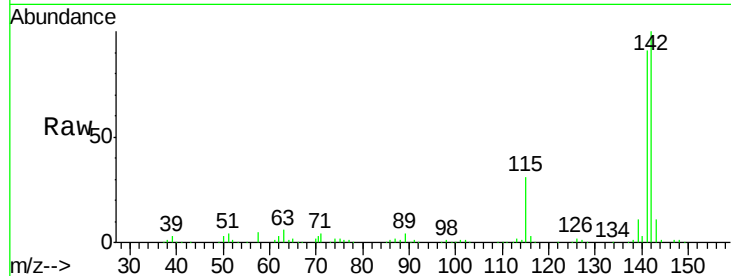




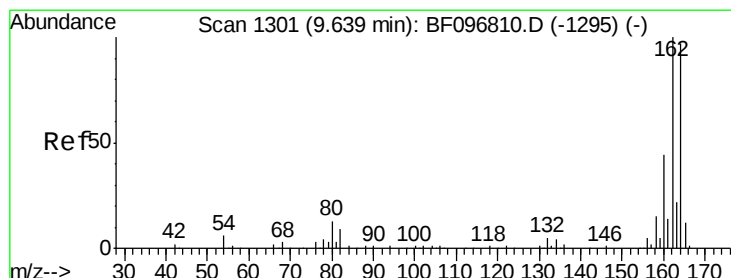
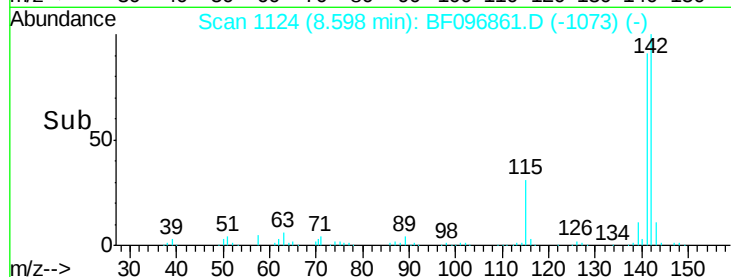
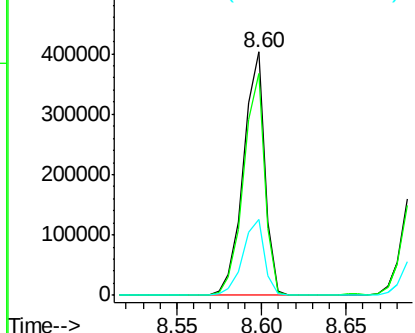
#37
2-Methylnaphthalene
Concen: 38.38 ng
RT: 8.60 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Tot Ion:142 Resp: 358982
Ion Ratio Lower Upper
142 100
141 90.9 71.3 106.9
115 31.3 27.1 40.7

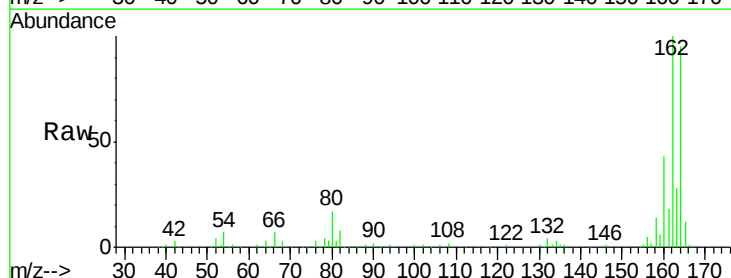


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

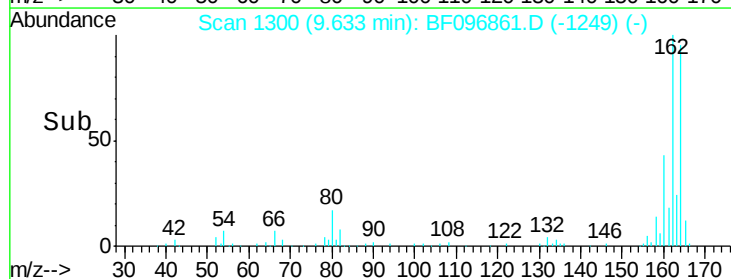
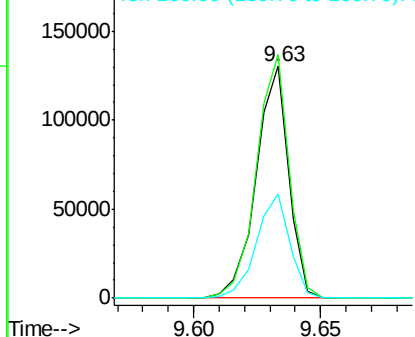


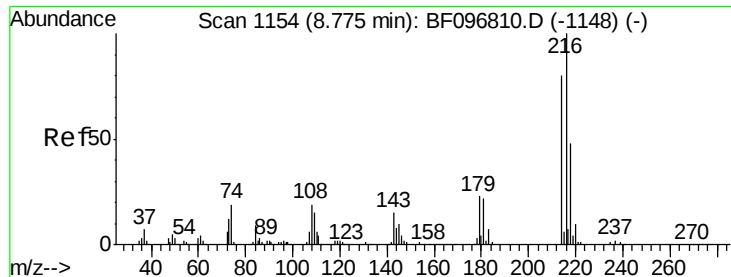
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:164 Resp: 116448
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 45.1 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

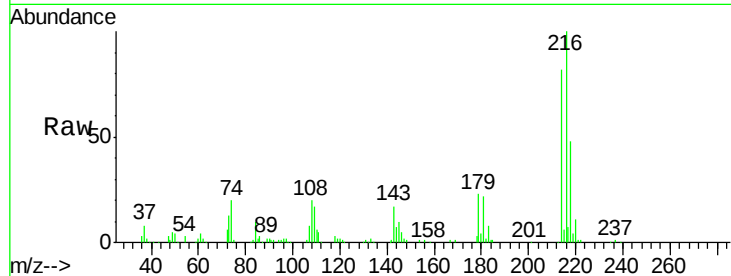




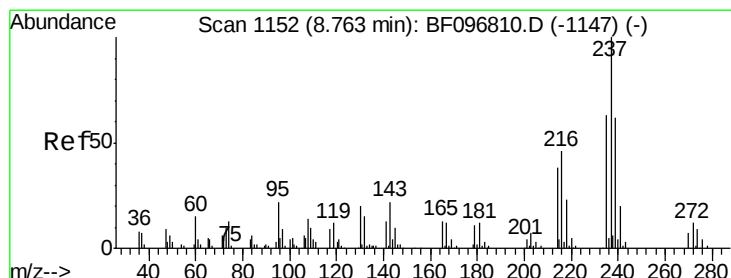
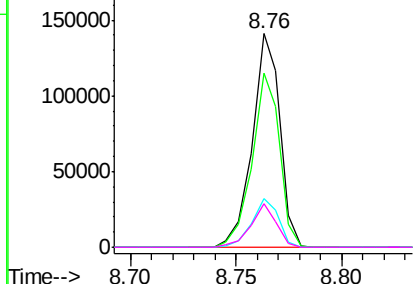
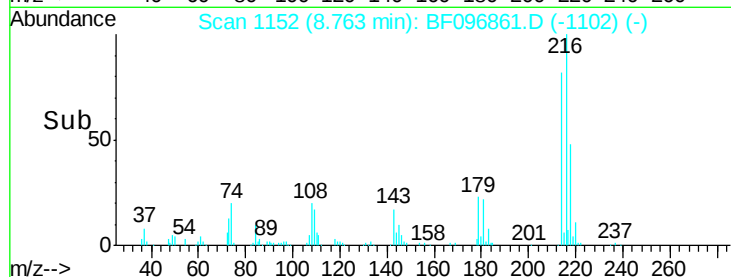
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.89 ng
 RT: 8.76 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:	216	Resp:	128714
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.4	95.2
179	22.3	17.9	26.9
108	18.8	16.5	24.7

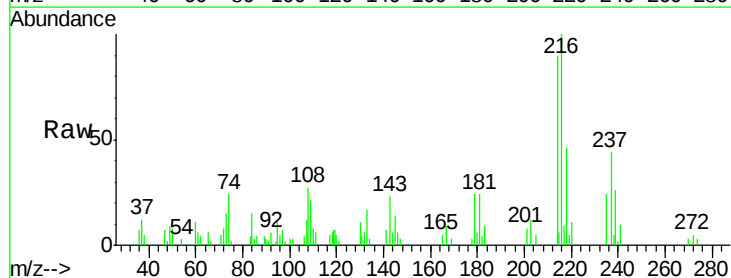


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

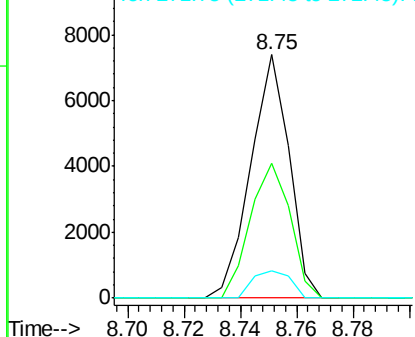
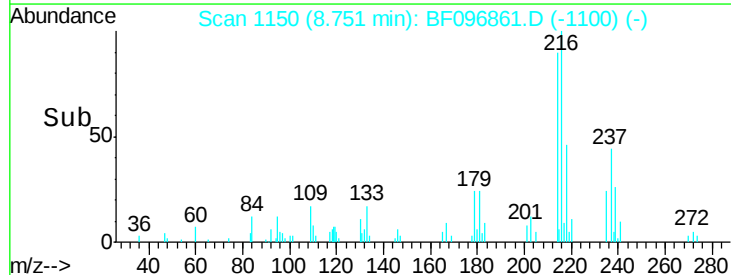


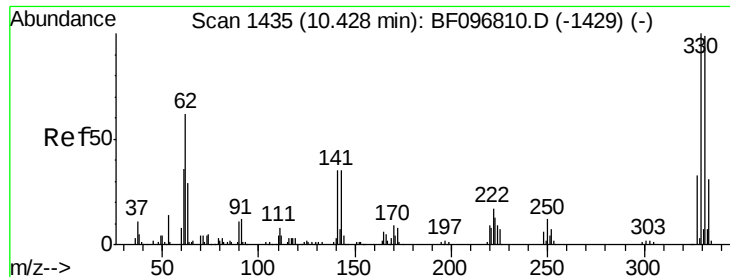
#40
 Hexachlorocyclopentadiene
 Concen: 10.50 ng
 RT: 8.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:	237	Resp:	6971
Ion	Ratio	Lower	Upper
237	100		
235	55.3	42.6	82.6
272	11.3	0.0	31.9



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

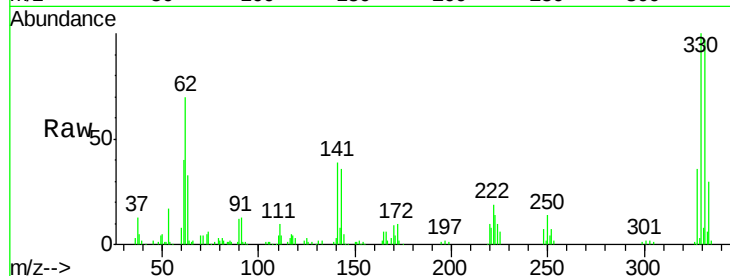




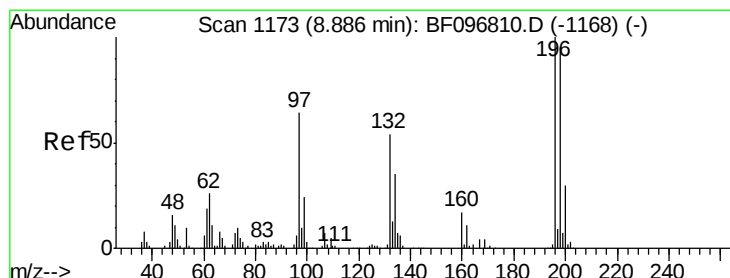
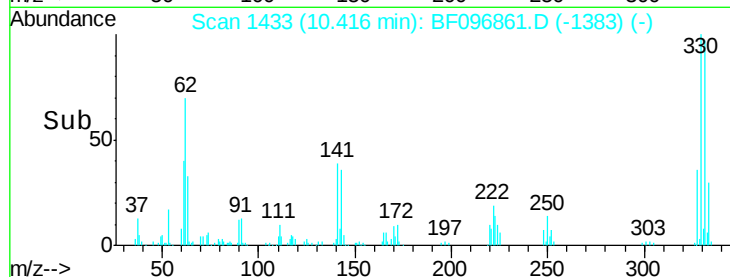
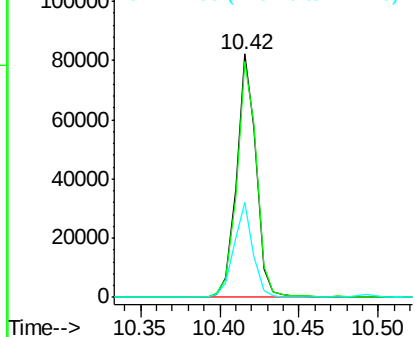
#41
 2,4,6-Tribromophenol
 Concen: 70.61 ng
 RT: 10.42 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:330 Resp: 70181
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 115.0
 141 37.7 31.4 47.2

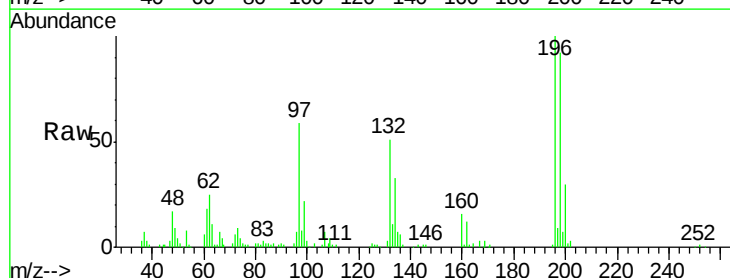


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

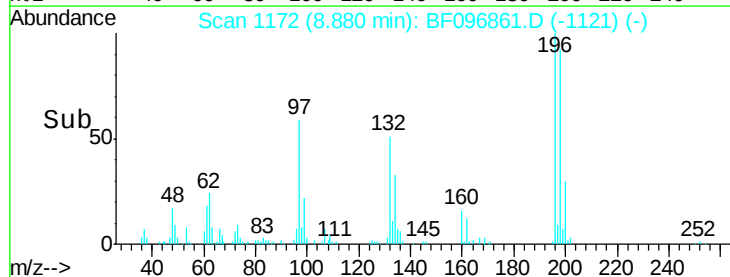
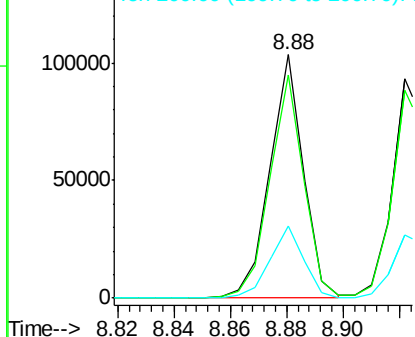


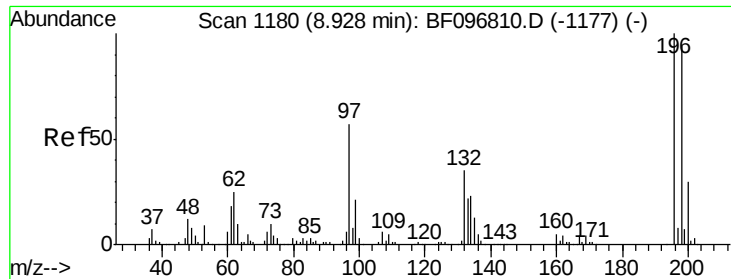
#42
 2,4,6-Trichlorophenol
 Concen: 36.63 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:196 Resp: 85048
 Ion Ratio Lower Upper
 196 100
 198 91.8 74.2 111.4
 200 29.9 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

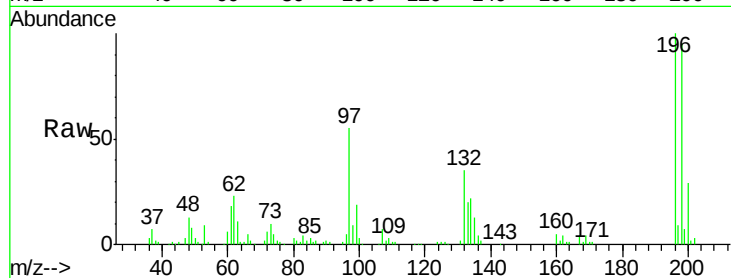




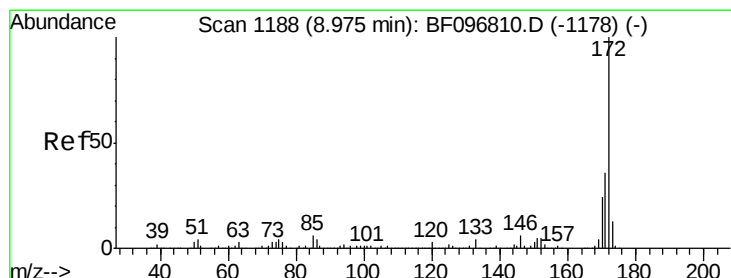
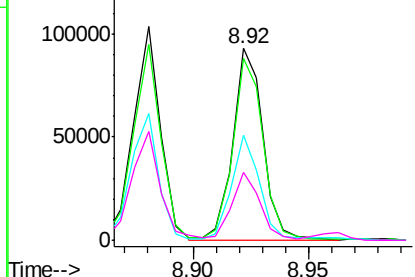
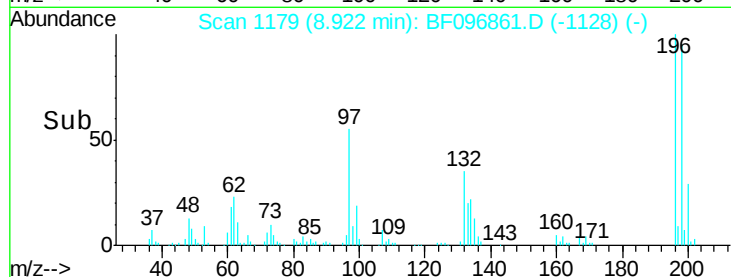
#43
 2,4,5-Trichlorophenol
 Concen: 36.27 ng
 RT: 8.92 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:196 Resp: 84942
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 55.0 47.7 71.5
 132 35.2 28.0 42.0

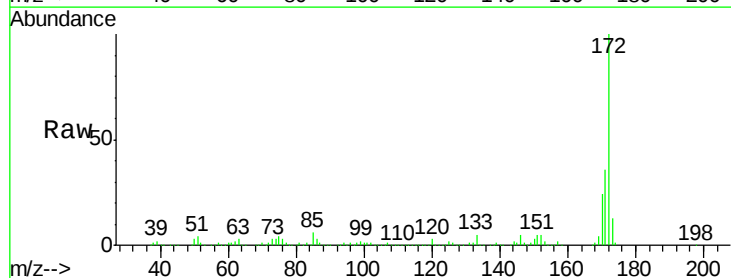


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

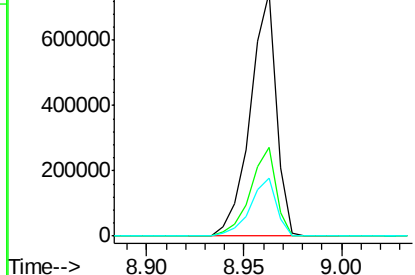
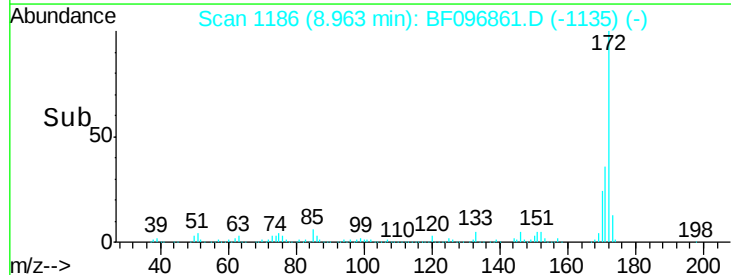


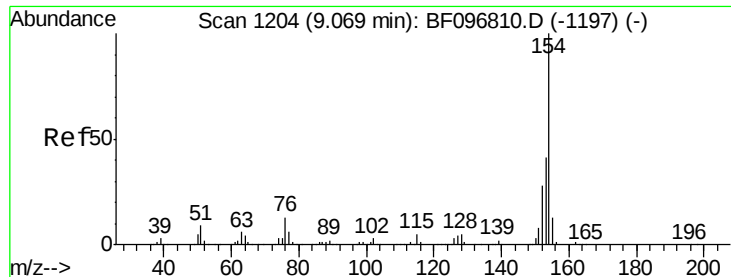
#44
 2-Fluorobiphenyl
 Concen: 93.83 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:172 Resp: 691551
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 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: 39.57 ng

RT: 9.06 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

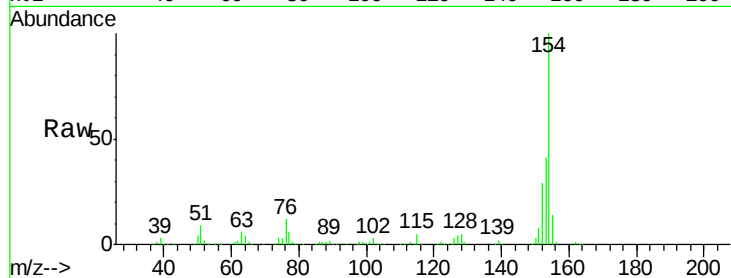
Tot Ion:154 Resp: 395221

Ion Ratio Lower Upper

154 100

153 40.7 21.2 61.2

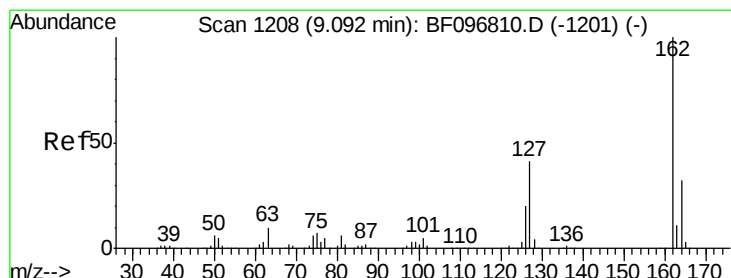
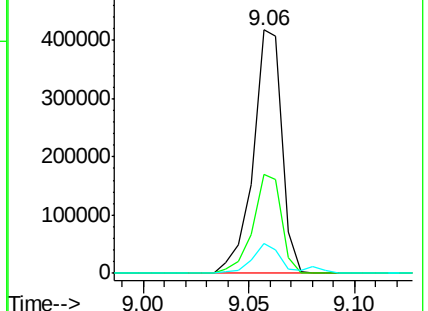
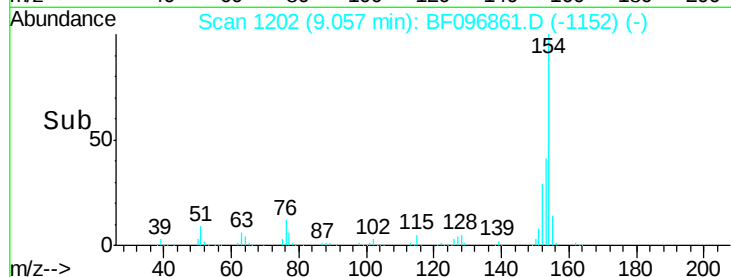
76 12.1 0.0 29.9



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: 39.83 ng

RT: 9.08 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

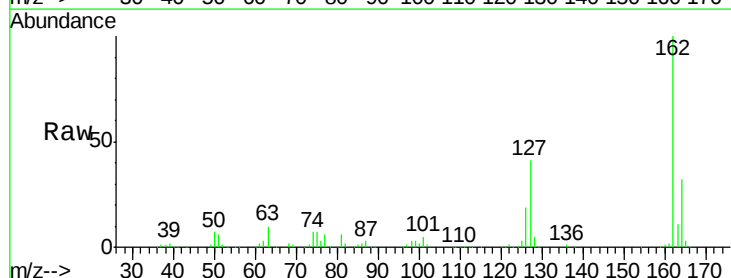
Tgt Ion:162 Resp: 292936

Ion Ratio Lower Upper

162 100

127 41.2 28.3 42.5

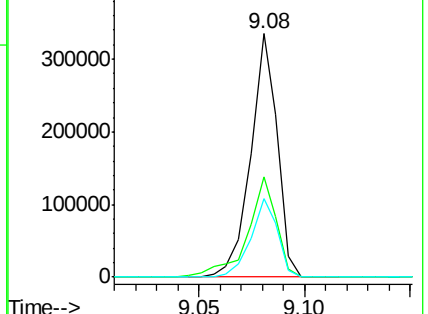
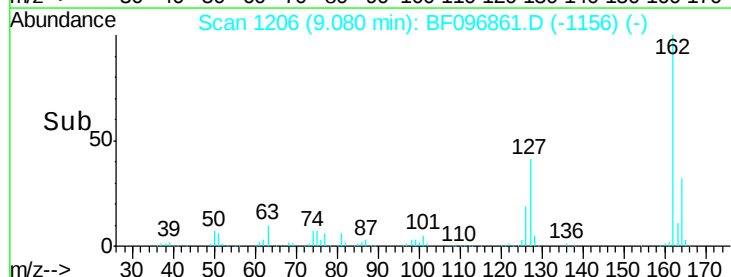
164 32.3 27.0 40.4

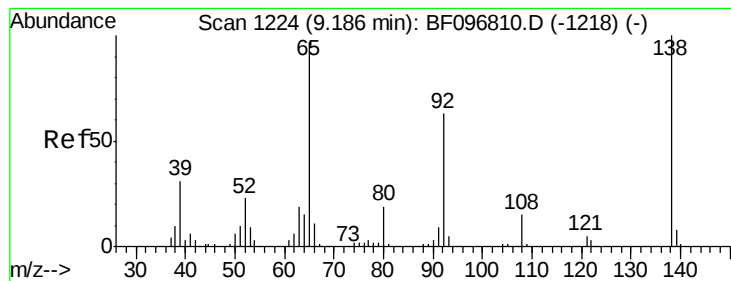


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.24 ng

RT: 9.18 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

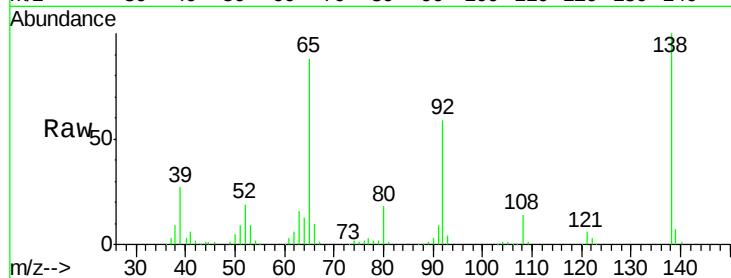
Tot Ion: 65 Resp: 101710

Ion Ratio Lower Upper

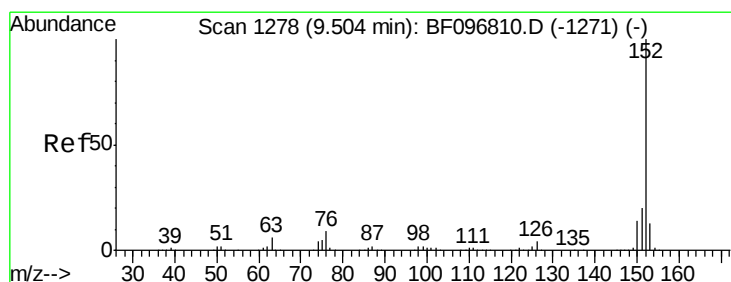
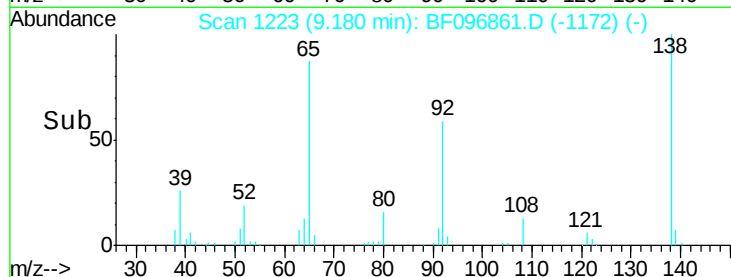
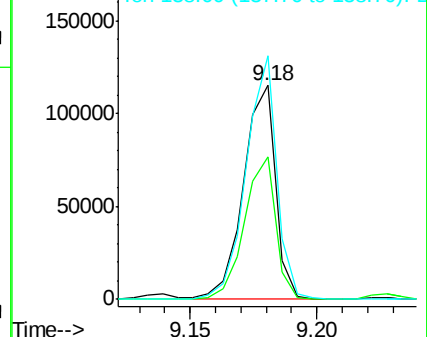
65 100

92 66.7 53.9 80.9

138 113.9 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): BF0



#48

Acenaphthylene

Concen: 37.93 ng

RT: 9.49 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

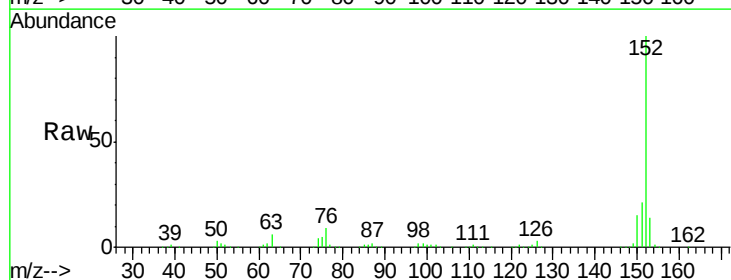
Tgt Ion: 152 Resp: 444414

Ion Ratio Lower Upper

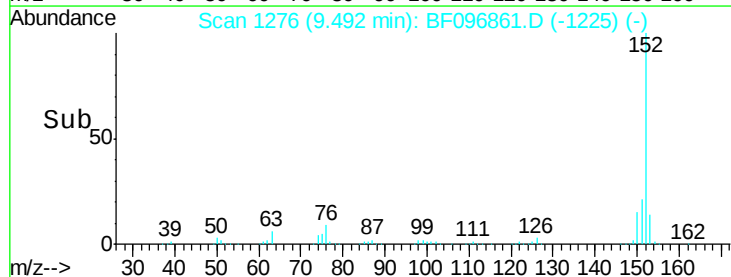
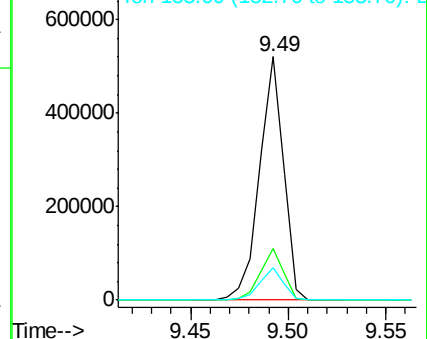
152 100

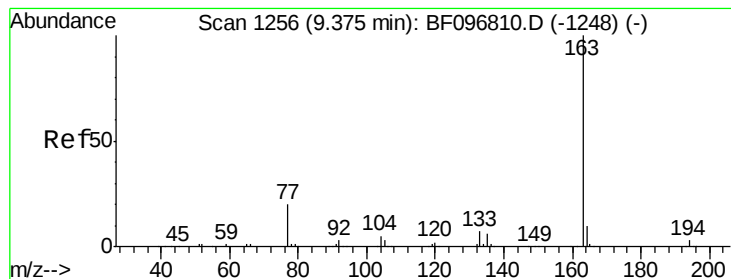
151 21.2 16.8 25.2

153 13.6 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: 40.72 ng

RT: 9.36 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

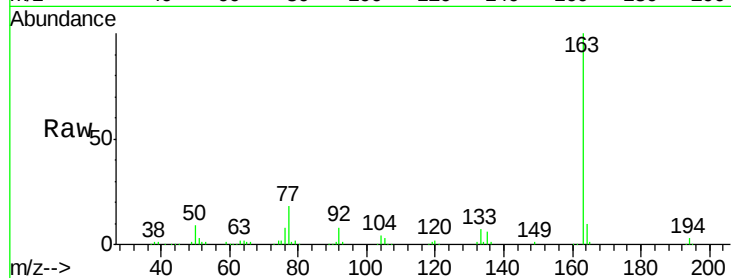
Tot Ion:163 Resp: 357064

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

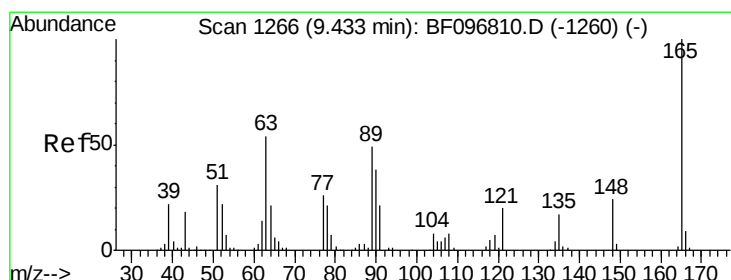
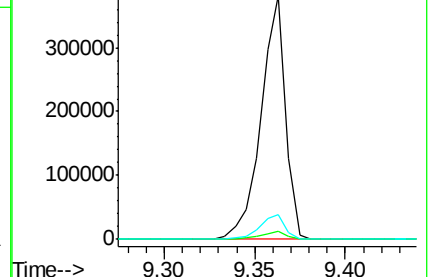
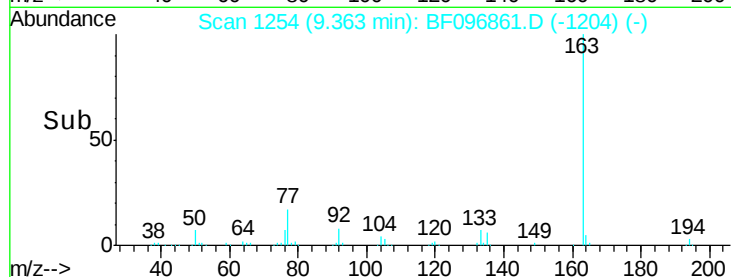
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.01 ng

RT: 9.42 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

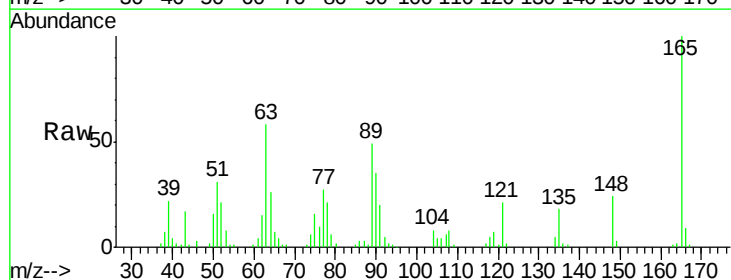
Tgt Ion:165 Resp: 60794

Ion Ratio Lower Upper

165 100

63 57.9 34.3 51.5#

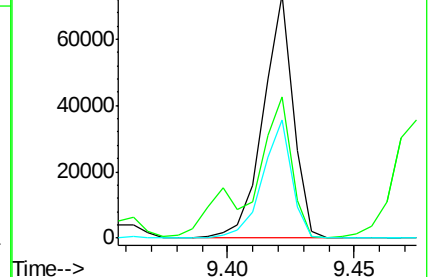
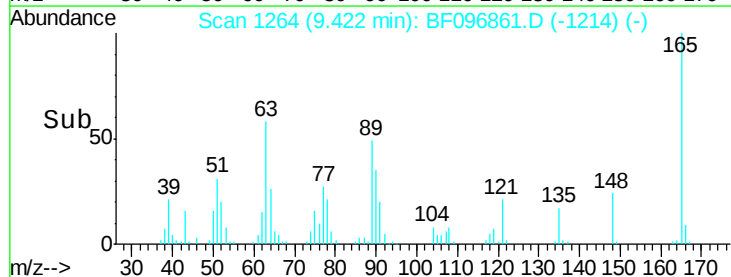
89 48.6 37.1 55.7

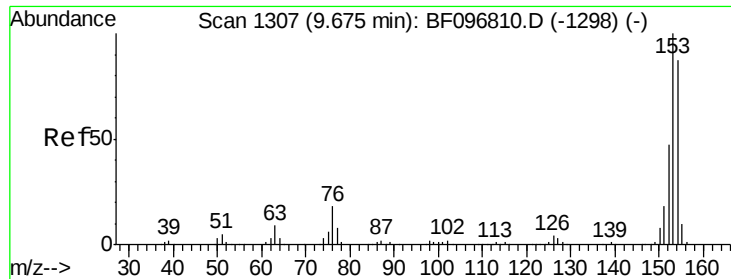


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.99 ng

RT: 9.66 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

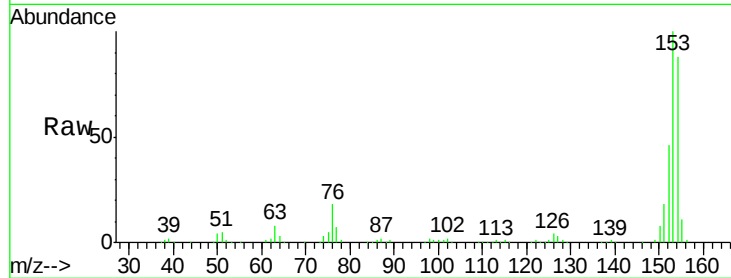
Tot Ion:154 Resp: 256053

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

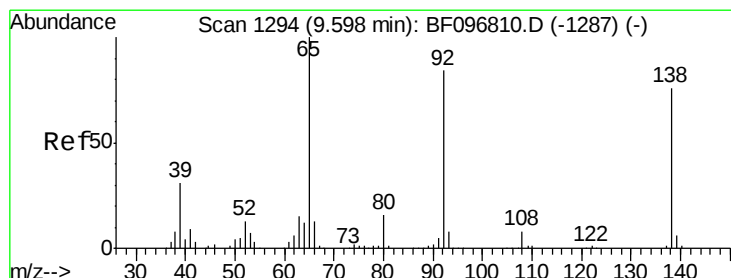
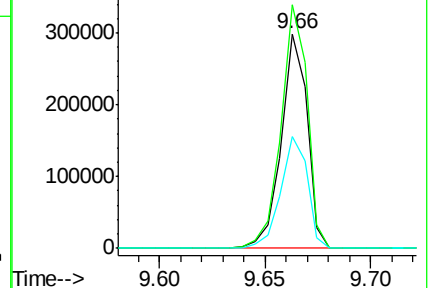
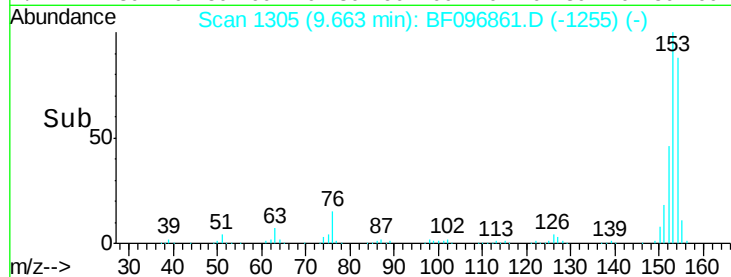
152 52.4 43.6 65.4



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: 40.90 ng

RT: 9.59 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

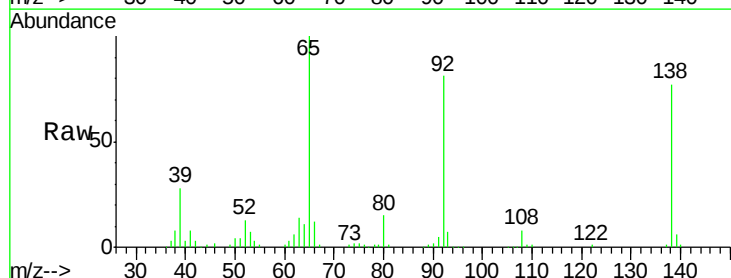
Tgt Ion:138 Resp: 92019

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

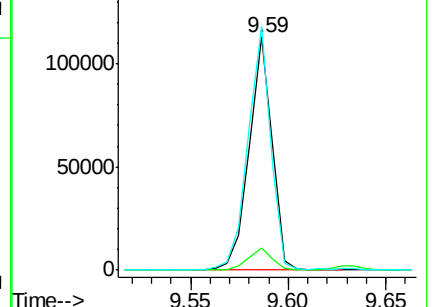
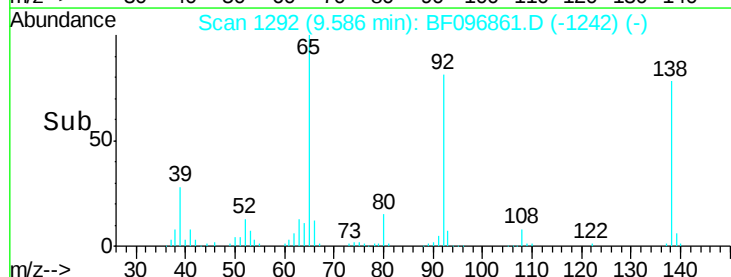
92 104.6 93.8 140.6

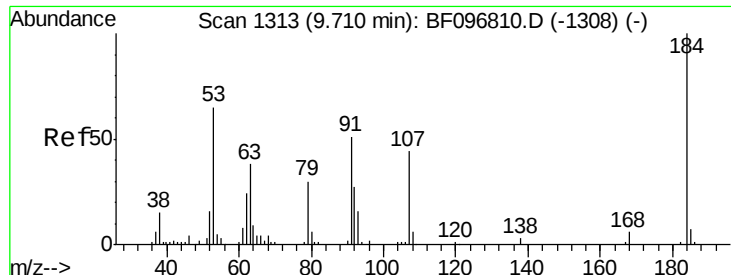


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

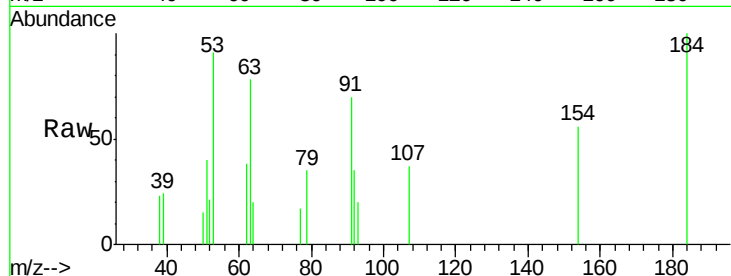




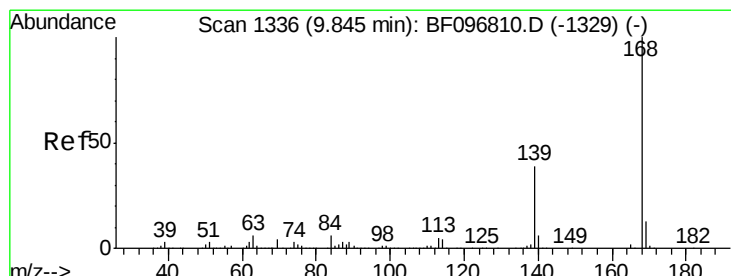
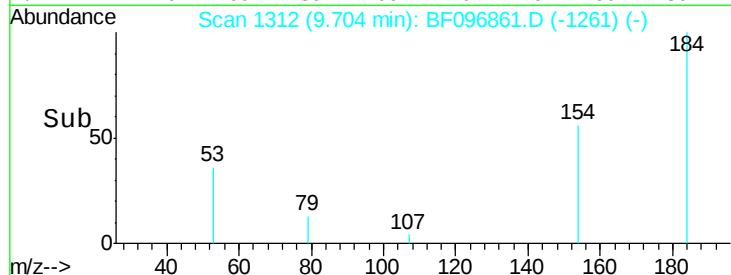
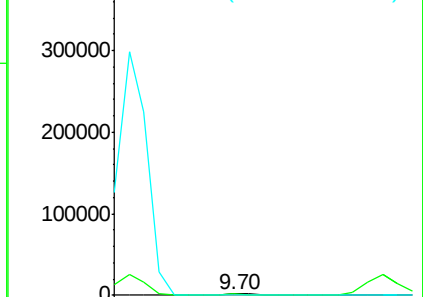
#53
2,4-Dinitrophenol
Concen: 8.80 ng
RT: 9.70 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Tot Ion:184 Resp: 2112
Ion Ratio Lower Upper
184 100
63 78.4 62.7 94.1
154 56.3 81.1 121.7#

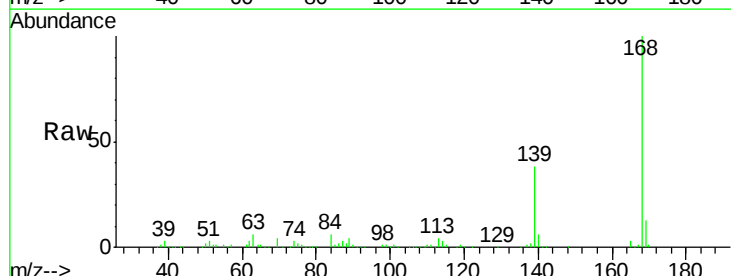


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

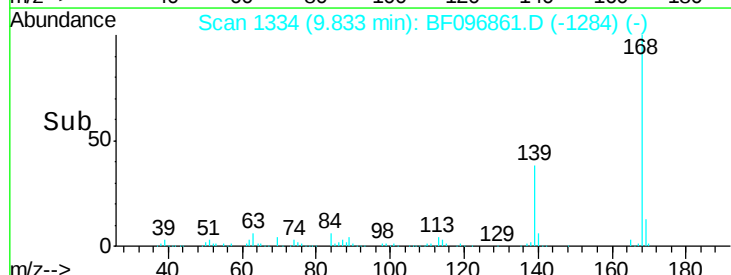
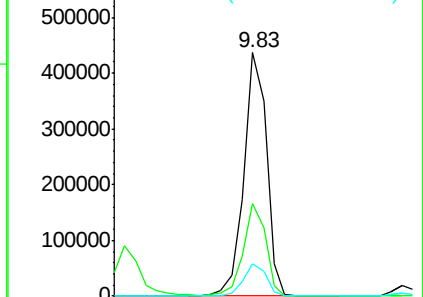


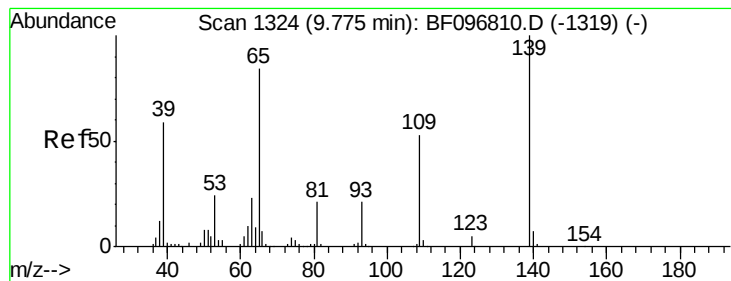
#54
Dibenzofuran
Concen: 39.03 ng
RT: 9.83 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:168 Resp: 378614
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.2 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: 51.53 ng

RT: 9.76 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

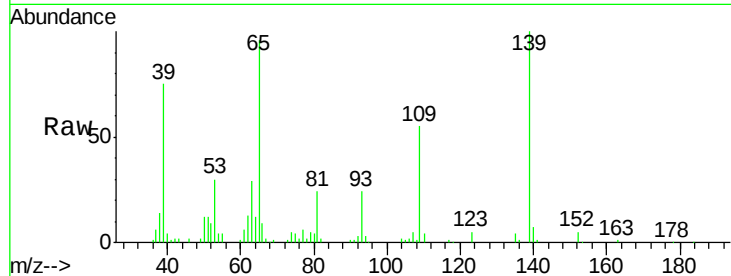
Tot Ion:139 Resp: 84700

Ion Ratio Lower Upper

139 100

109 55.1 34.1 74.1

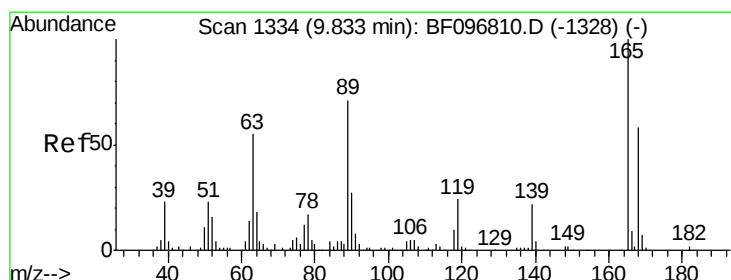
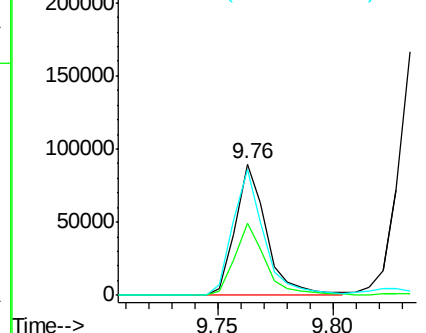
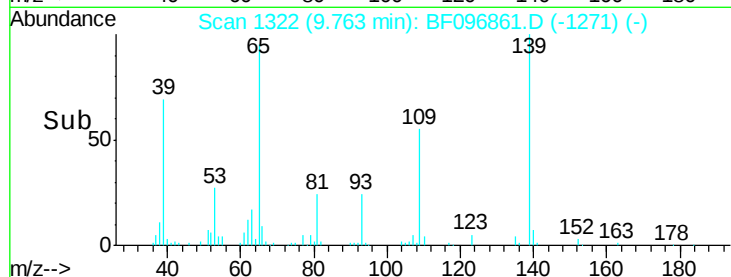
65 96.2 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 26.65 ng

RT: 9.83 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Tgt Ion:165 Resp: 65042

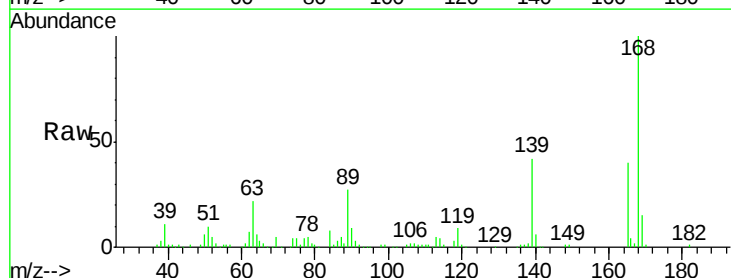
Ion Ratio Lower Upper

165 100

63 54.5 25.4 38.0#

89 66.4 46.4 69.6

182 2.3 1.8 2.6

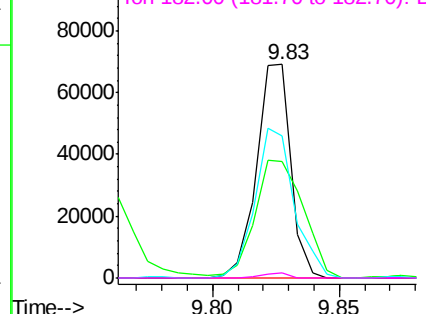
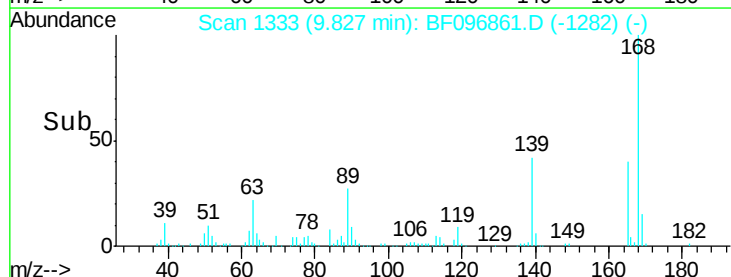


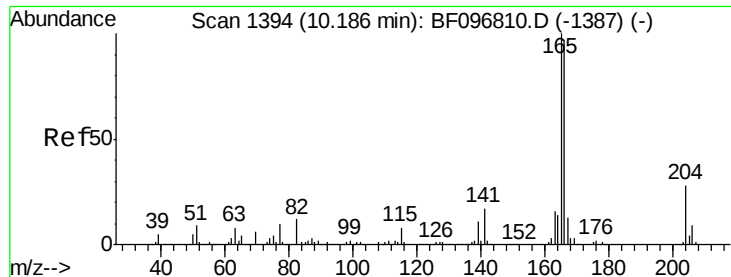
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.17 ng

RT: 10.17 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

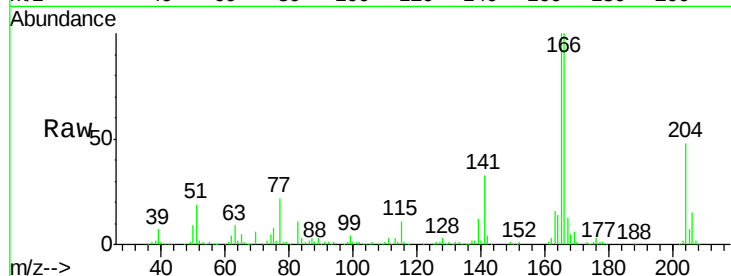
Tot Ion:166 Resp: 273600

Ion Ratio Lower Upper

166 100

165 100.0 78.8 118.2

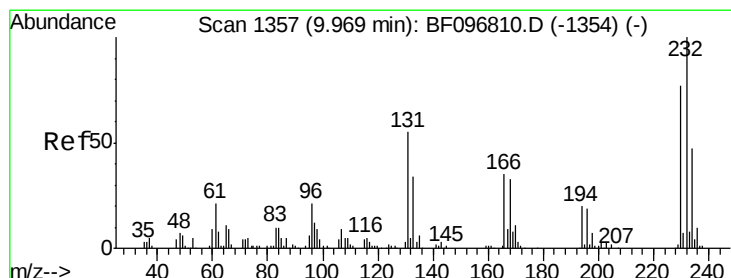
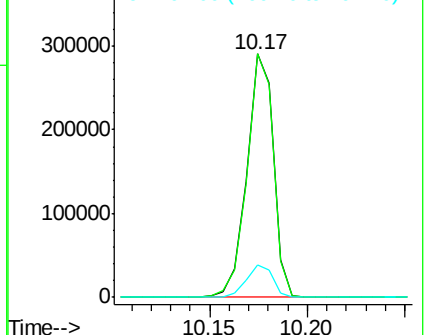
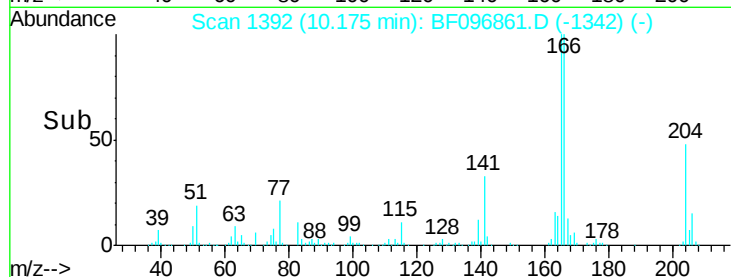
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.78 ng

RT: 9.96 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Tgt Ion:232 Resp: 59740

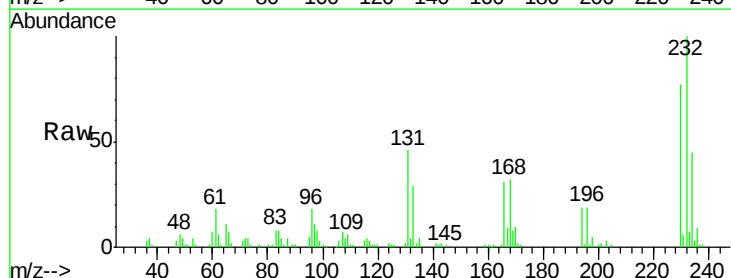
Ion Ratio Lower Upper

232 100

131 52.6 44.8 67.2

130 2.2 2.3 3.5#

166 33.7 29.0 43.4

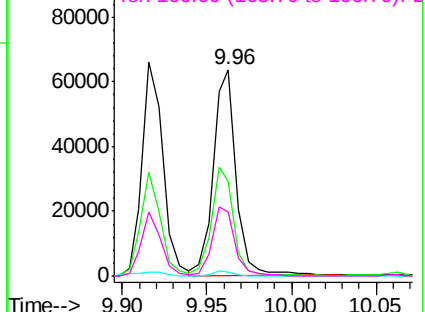
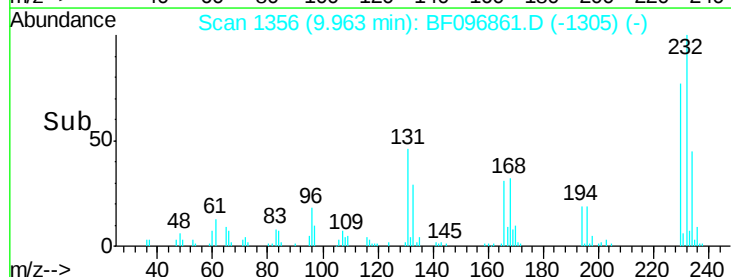


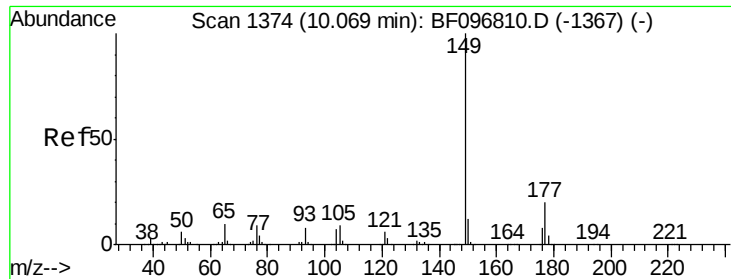
Abundance Ion 232.00 (231.70 to 232.70): E

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

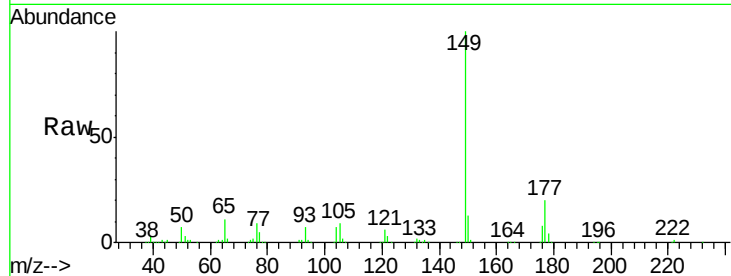




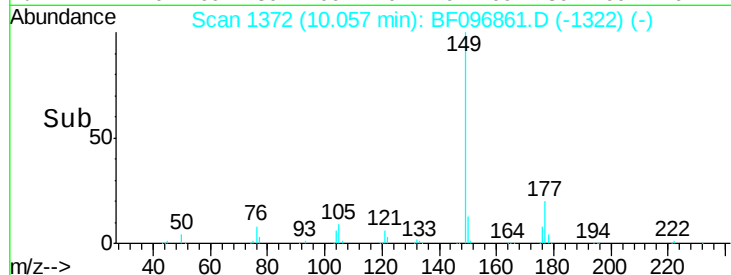
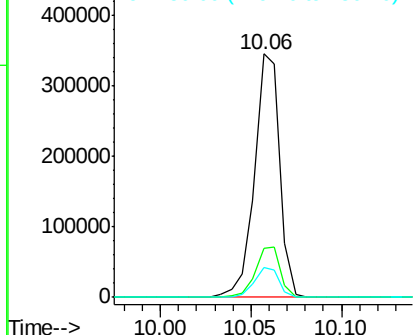
#59
Diethylphthalate
Concen: 39.17 ng
RT: 10.06 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Instrument :
BNA_F
ClientSampleId :
PB100719BS

Tot Ion:149 Resp: 334327
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.5 10.2 15.2

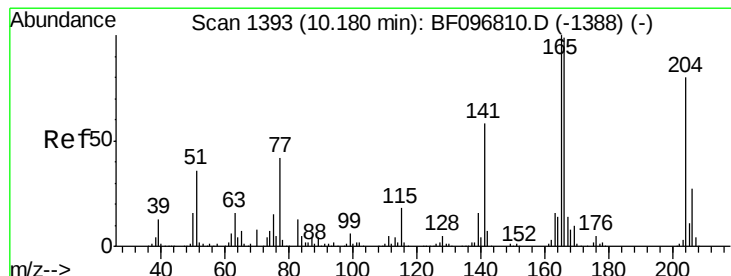


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

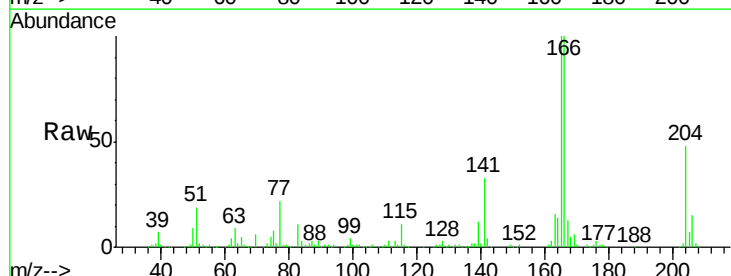
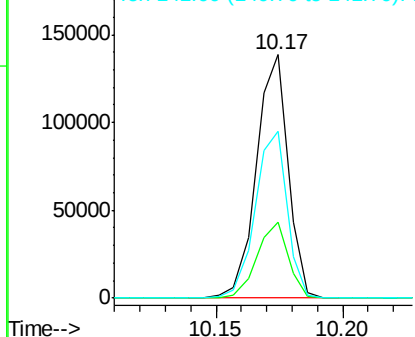


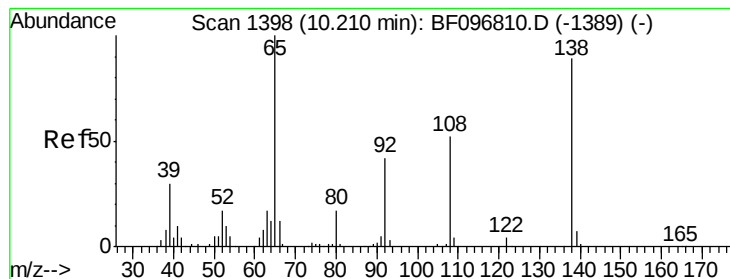
#60
4-Chlorophenyl-phenylether
Concen: 39.59 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:204 Resp: 121387
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 68.7 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

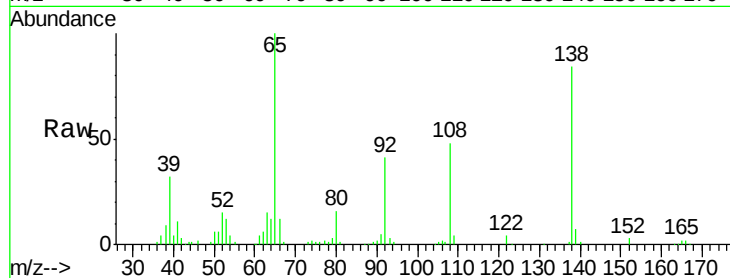




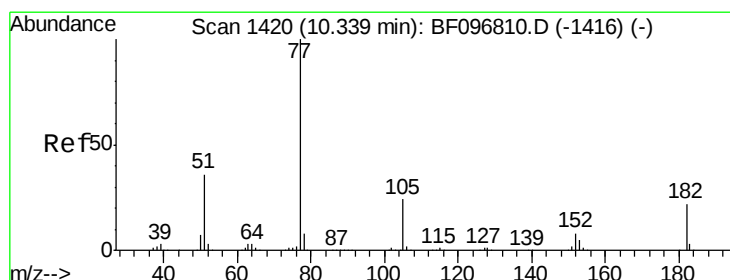
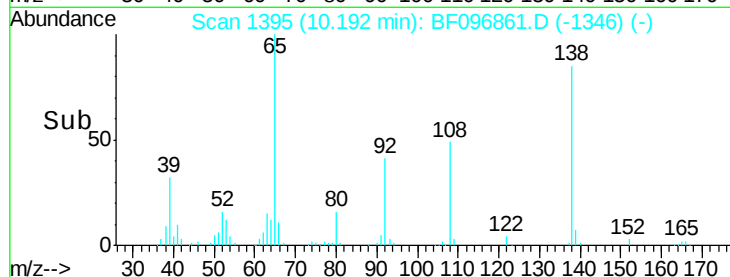
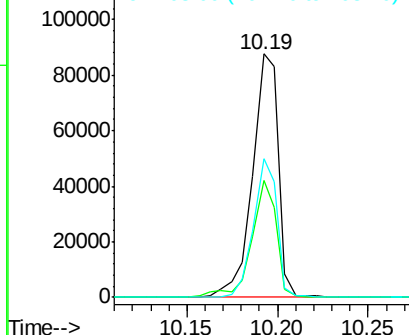
#61
 4-Nitroaniline
 Concen: 41.13 ng
 RT: 10.19 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:138	Resp:	86906
Ion Ratio	Lower	Upper
138	100	
92	48.1	21.8 61.8
108	57.2	42.3 82.3

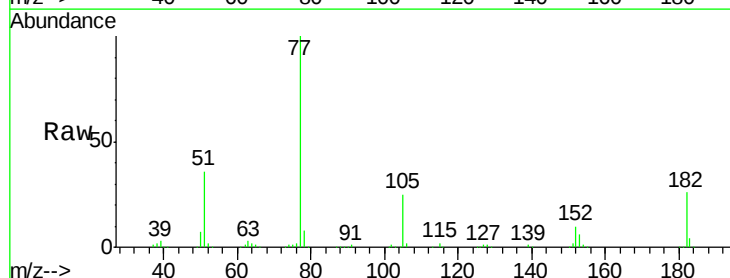


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

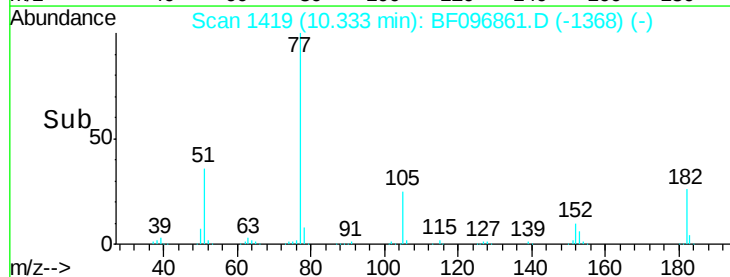
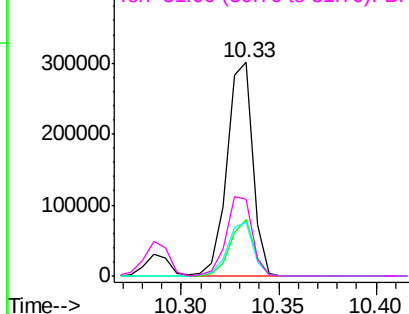


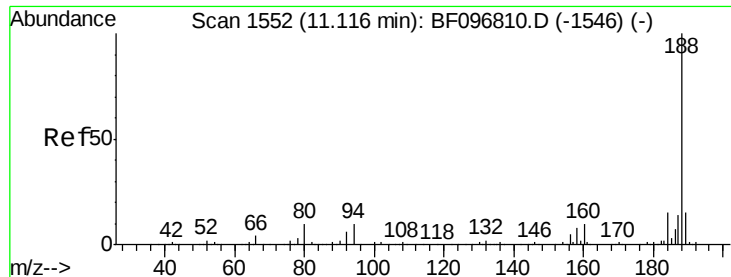
#62
 Azobenzene
 Concen: 36.67 ng
 RT: 10.33 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion: 77	Resp:	276148
Ion Ratio	Lower	Upper
77	100	
182	26.4	0.1 40.1
105	25.4	3.6 43.6
51	36.1	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

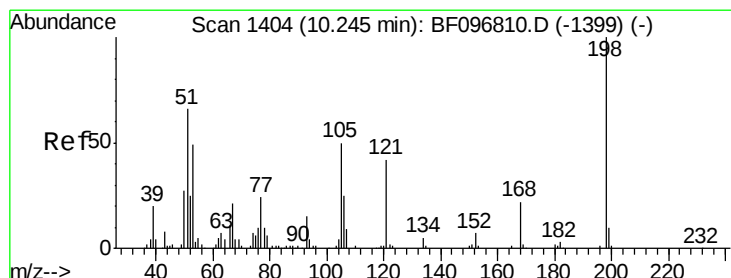
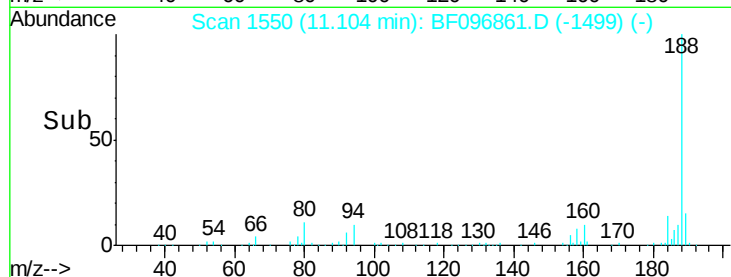
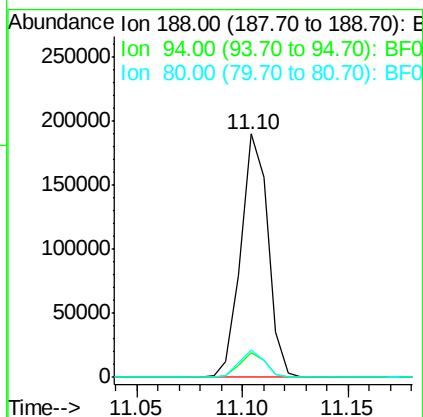
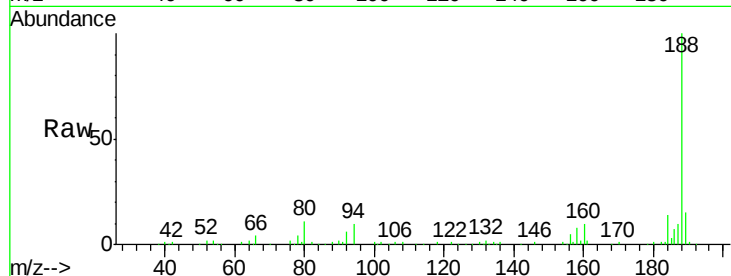




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

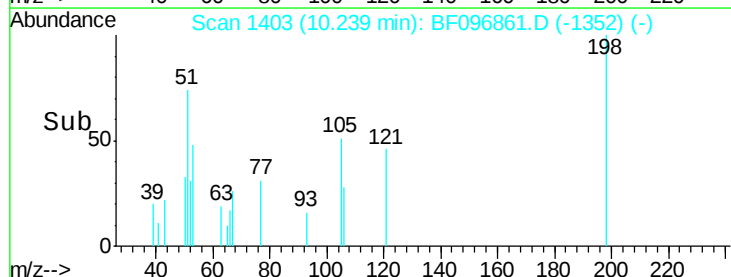
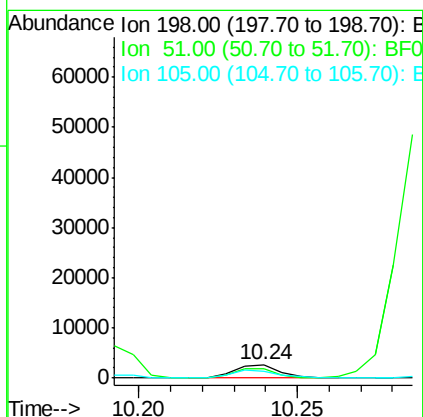
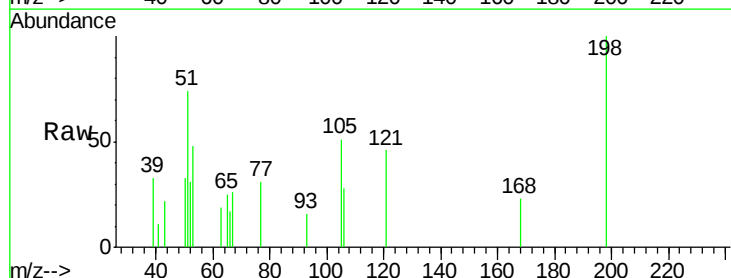
Instrument :
BNA_F
ClientSampleId :
PB100719BS

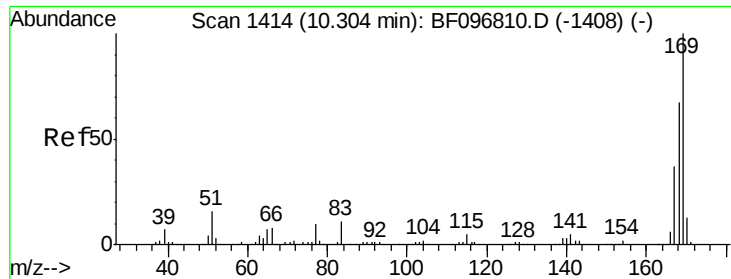
Tot Ion:188 Resp: 168423
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 2.48 ng
RT: 10.24 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:198 Resp: 2622
Ion Ratio Lower Upper
198 100
51 73.7 53.2 93.2
105 50.6 45.8 85.8

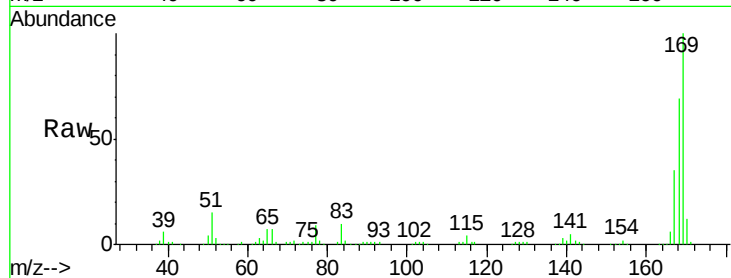




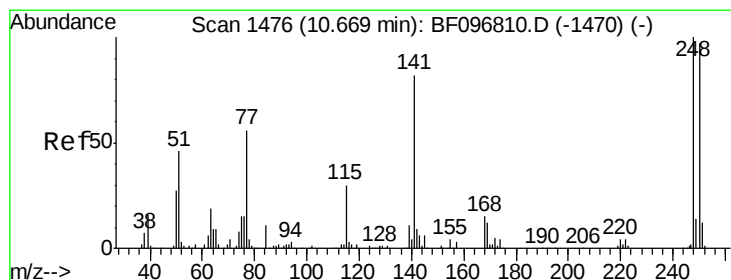
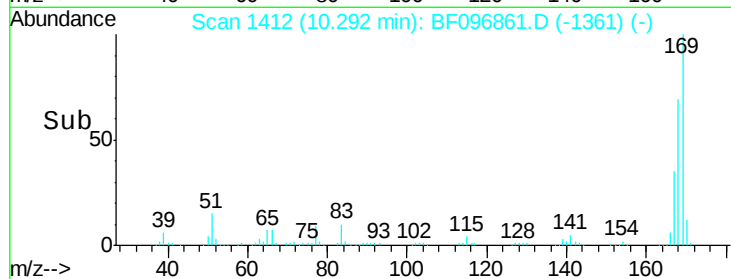
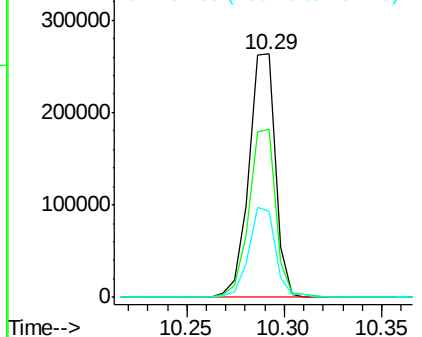
#65
 n-Nitrosodiphenylamine
 Concen: 41.41 ng
 RT: 10.29 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:169 Resp: 249294
 Ion Ratio Lower Upper
 169 100
 168 69.0 53.2 79.8
 167 35.5 29.5 44.3

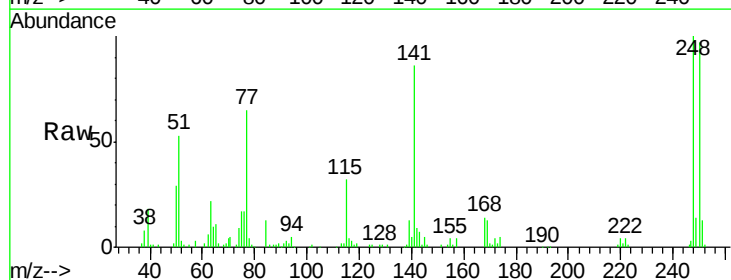


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

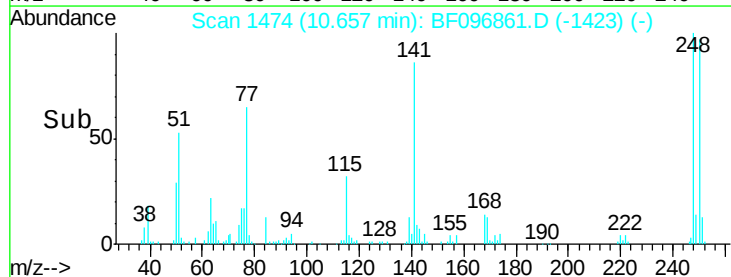
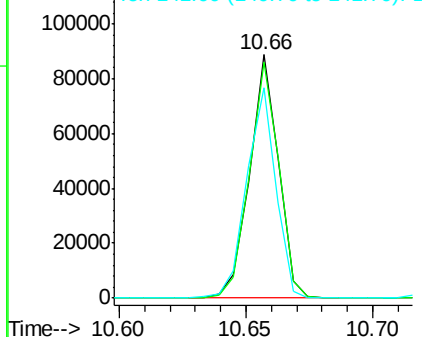


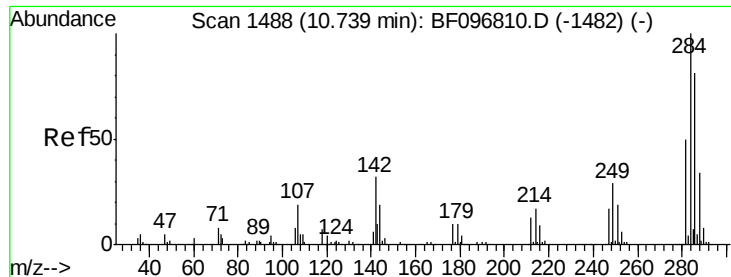
#66
 4-Bromophenyl-phenylether
 Concen: 40.88 ng
 RT: 10.66 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:248 Resp: 70296
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.8 115.2
 141 86.3 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: 36.65 ng

RT: 10.73 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampled :

PB100719BS

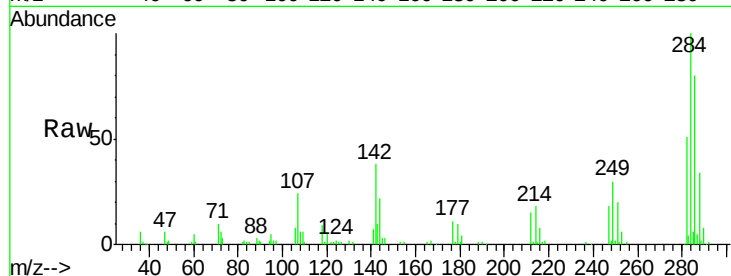
Tot Ion:284 Resp: 70182

Ion Ratio Lower Upper

284 100

142 38.4 22.8 34.2#

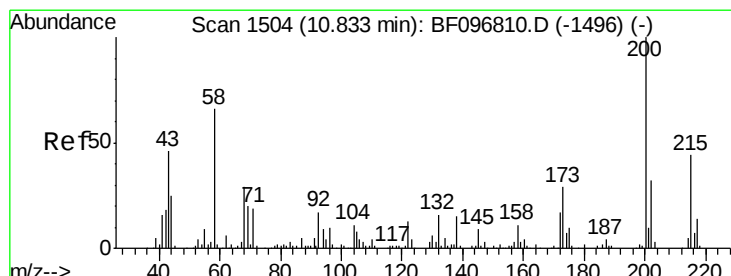
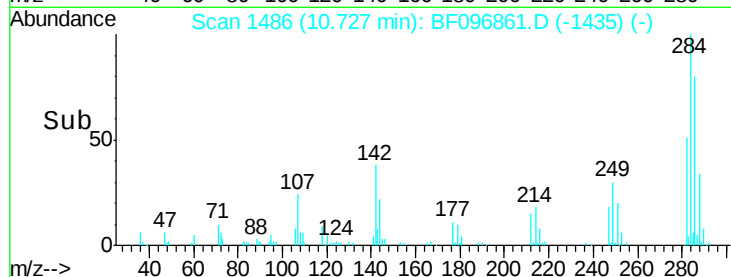
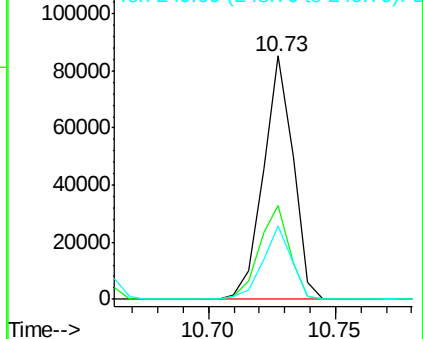
249 30.0 24.0 36.0



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: 40.02 ng

RT: 10.82 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

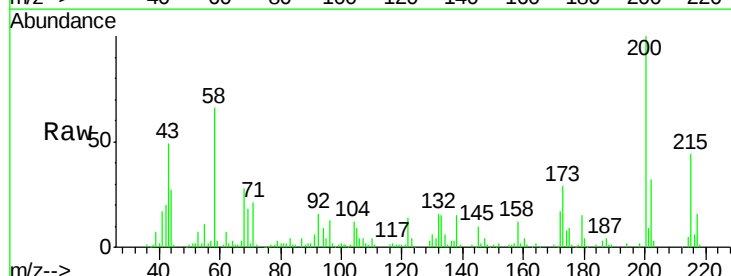
Tgt Ion:200 Resp: 68650

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

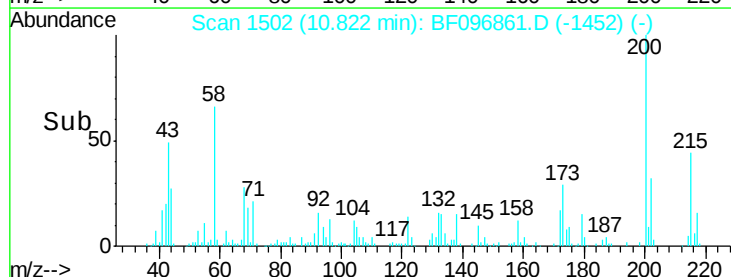
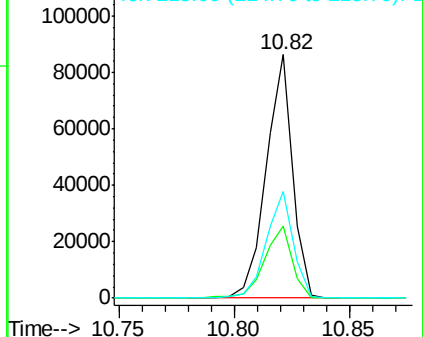
215 44.1 27.2 67.2

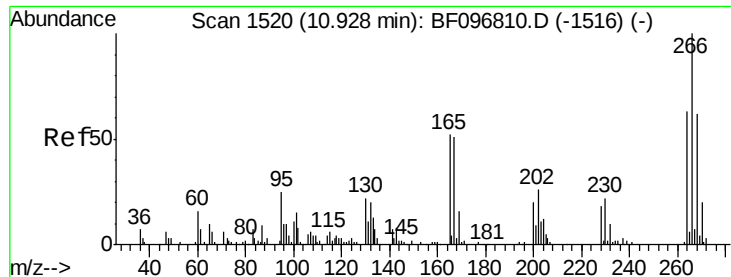


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

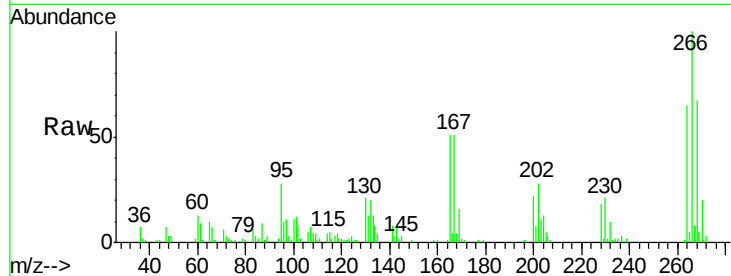




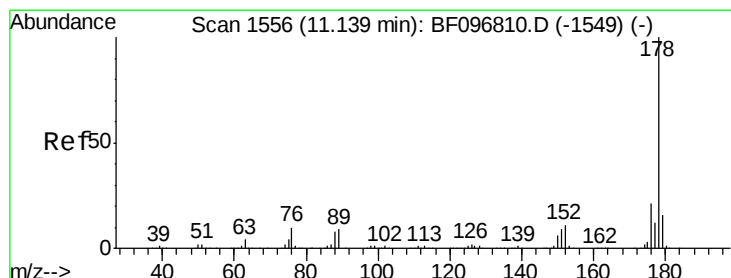
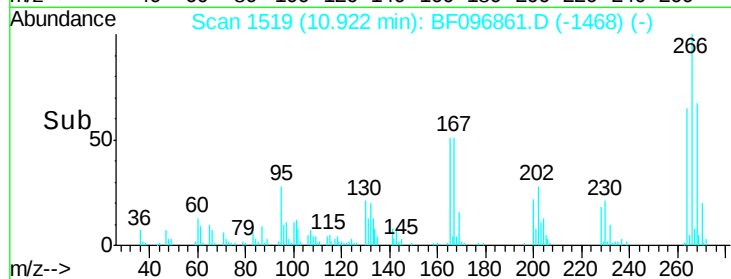
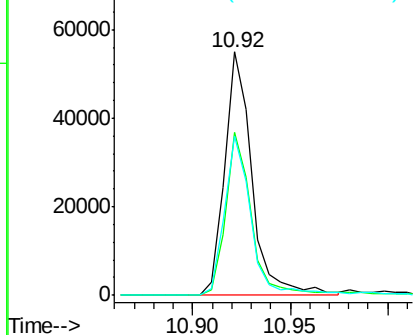
#69
 Pentachlorophenol
 Concen: 57.58 ng
 RT: 10.92 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:266 Resp: 53276
 Ion Ratio Lower Upper
 266 100
 268 66.9 51.1 76.7
 264 65.4 51.7 77.5

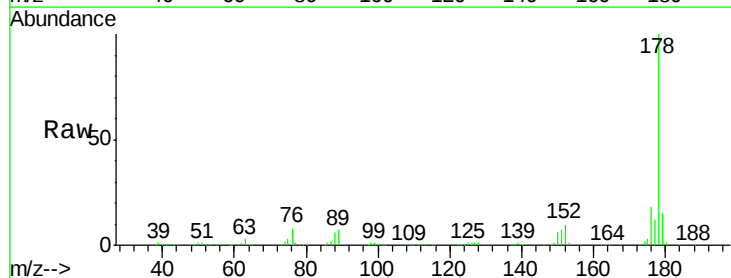


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

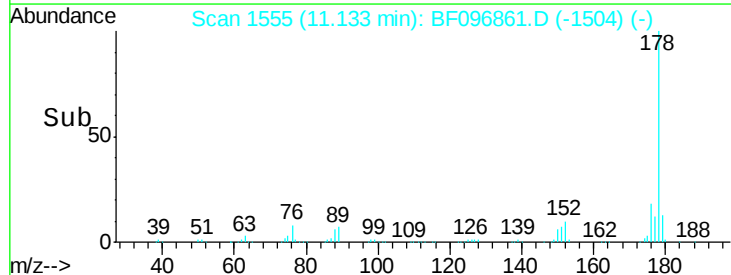
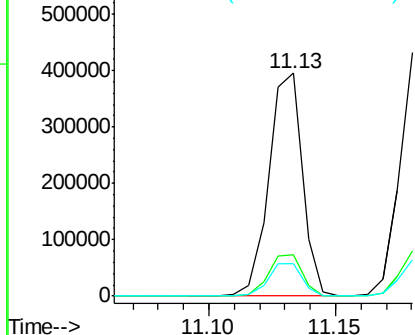


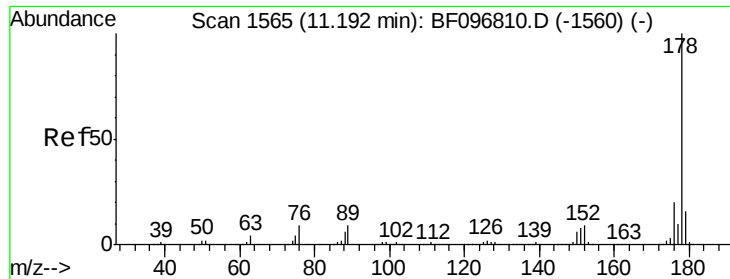
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:178 Resp: 362278
 Ion Ratio Lower Upper
 178 100
 176 18.4 16.2 24.4
 179 14.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

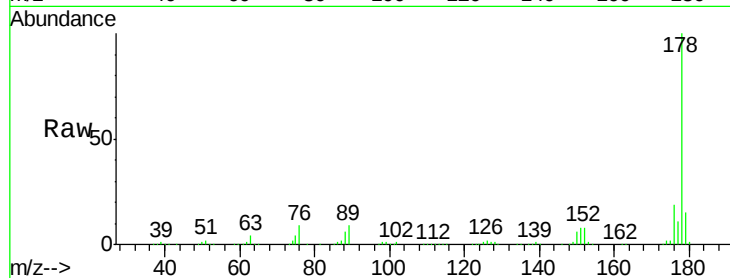




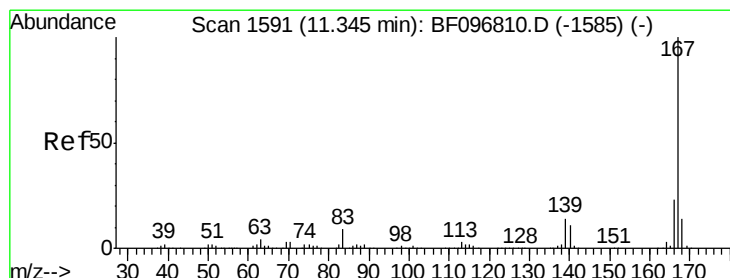
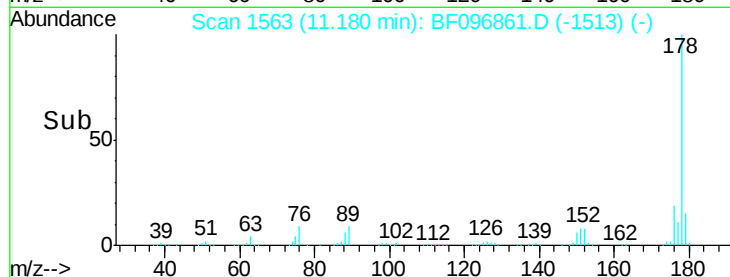
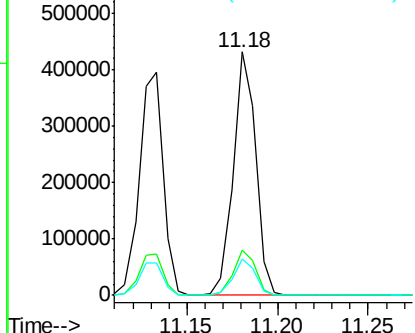
#71
 Anthracene
 Concen: 40.33 ng
 RT: 11.18 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:178 Resp: 373429
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.1 12.7 19.1

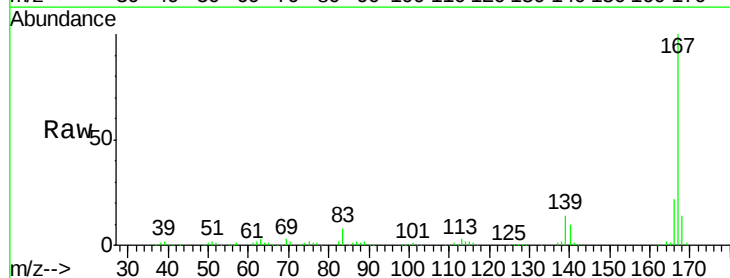


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

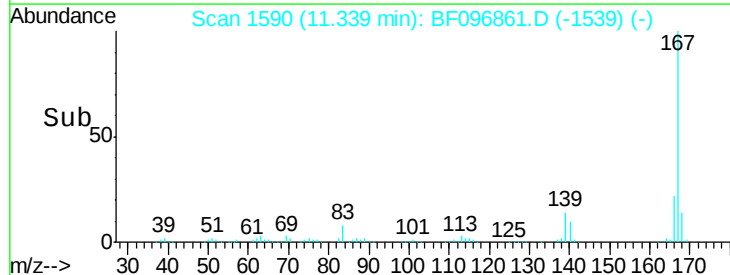
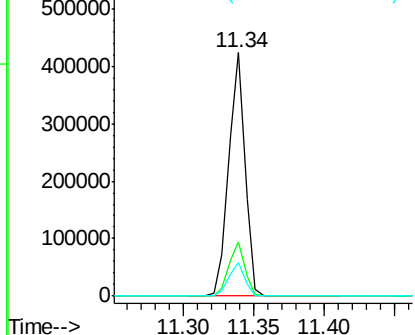


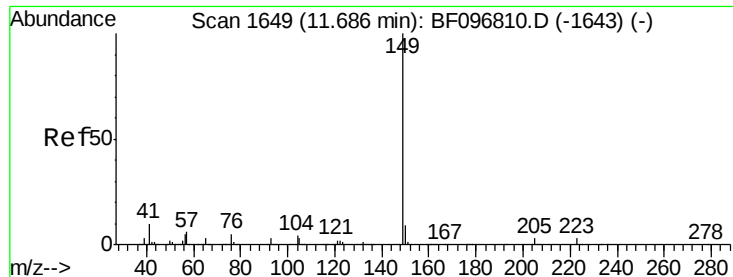
#72
 Carbazole
 Concen: 38.19 ng
 RT: 11.34 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:167 Resp: 342390
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.7 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 41.53 ng

RT: 11.68 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

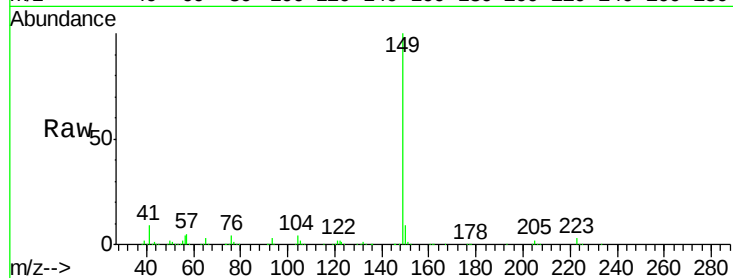
Tot Ion:149 Resp: 463752

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

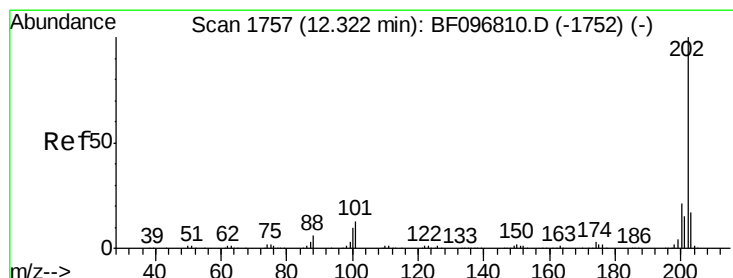
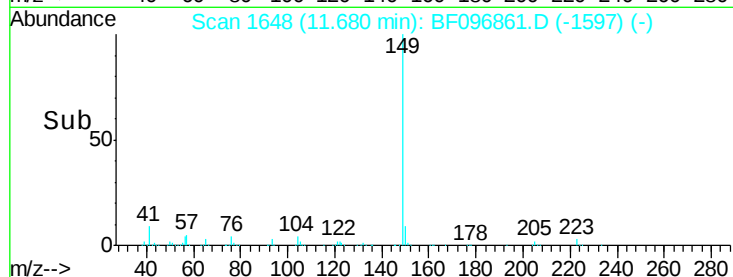
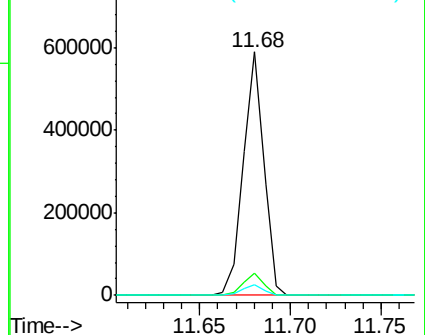
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.82 ng

RT: 12.31 min Scan# 1755

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

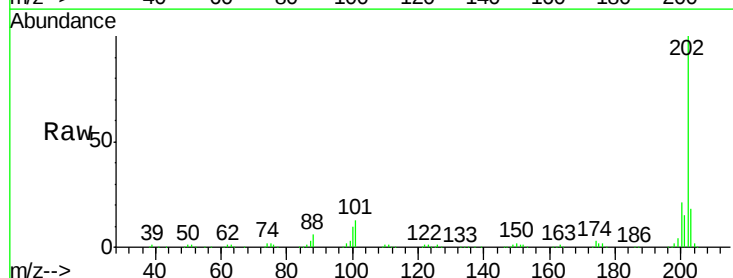
Tgt Ion:202 Resp: 366593

Ion Ratio Lower Upper

202 100

101 13.4 0.0 33.2

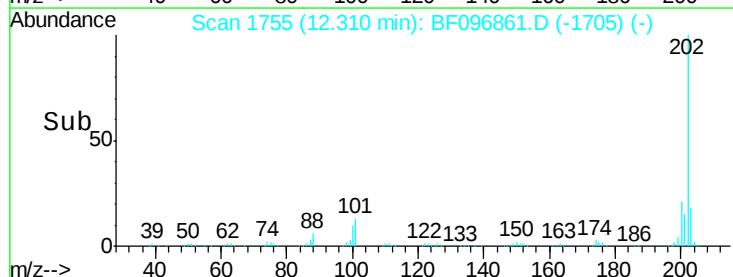
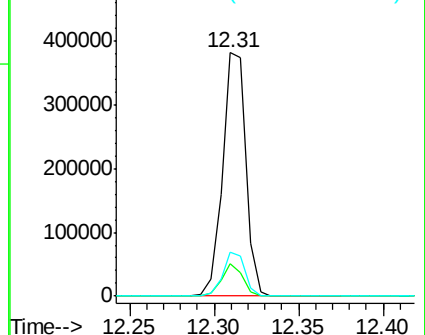
203 17.9 0.0 38.1

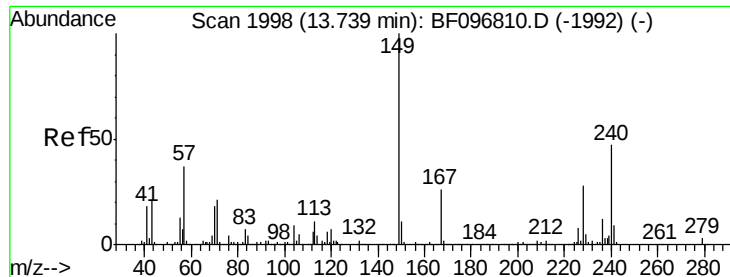


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

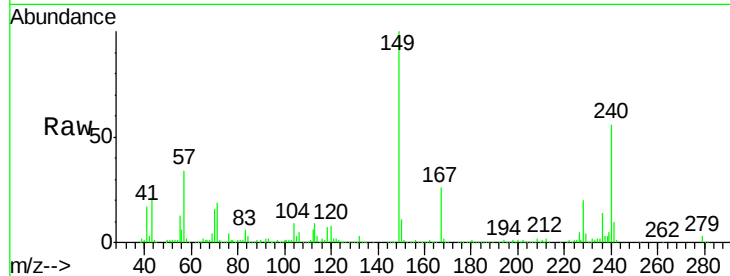
Tot Ion:240 Resp: 150962

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

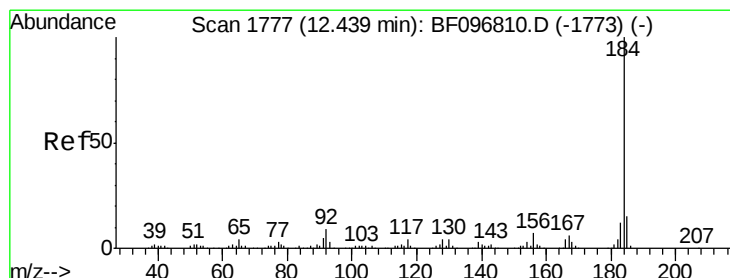
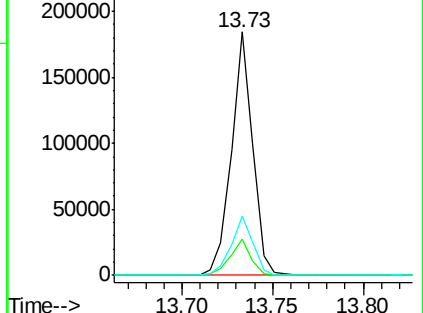
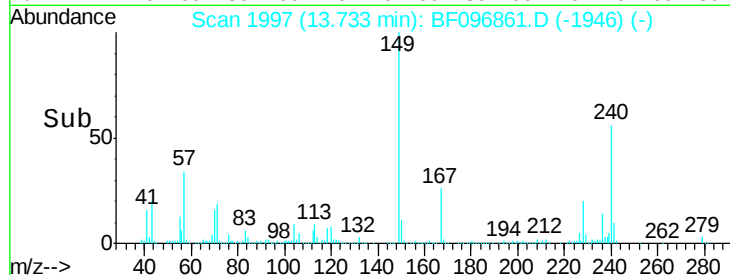
236 24.2 20.5 30.7



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: 66.50 ng

RT: 12.44 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

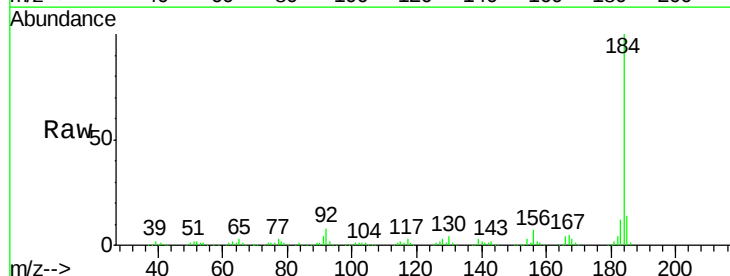
Tgt Ion:184 Resp: 328885

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

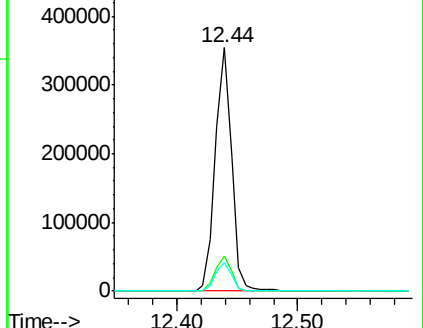
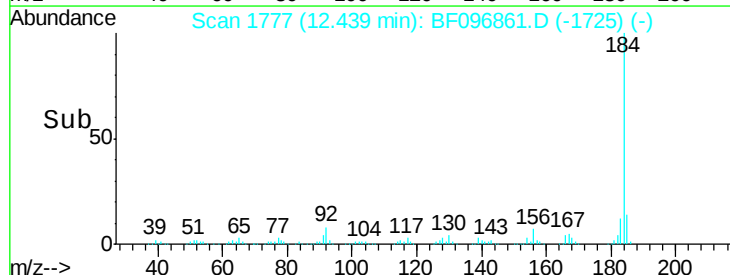
183 11.9 9.8 14.6

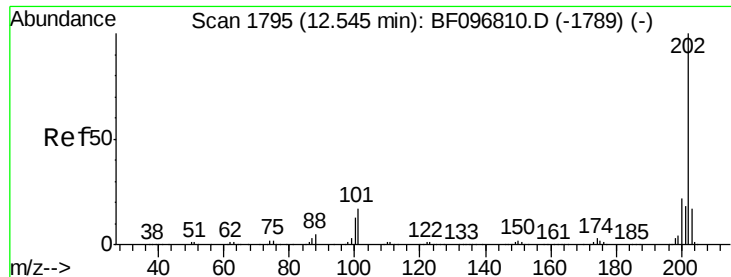


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

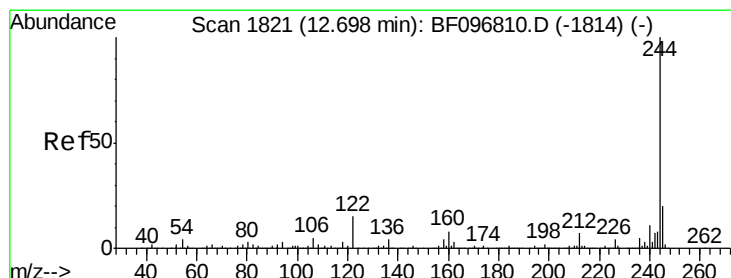
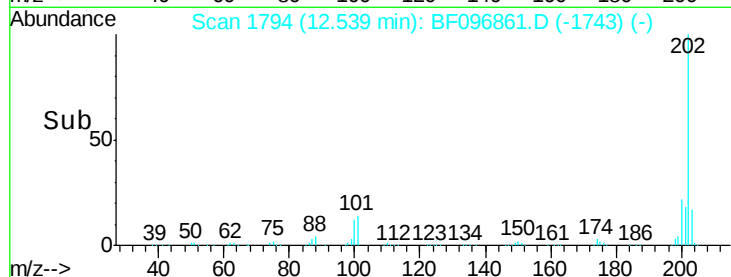
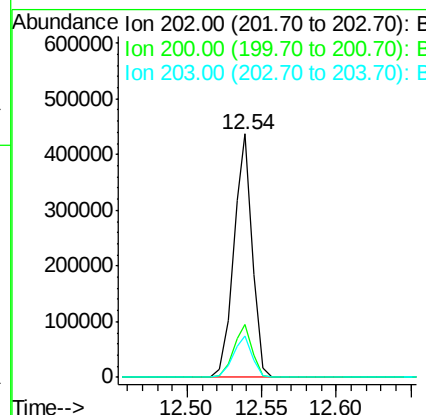
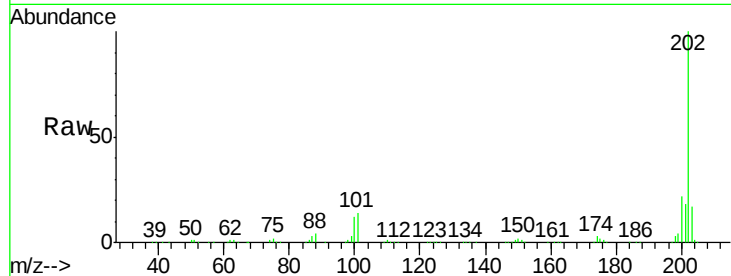




#77
Pvrene
Concen: 27.78 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

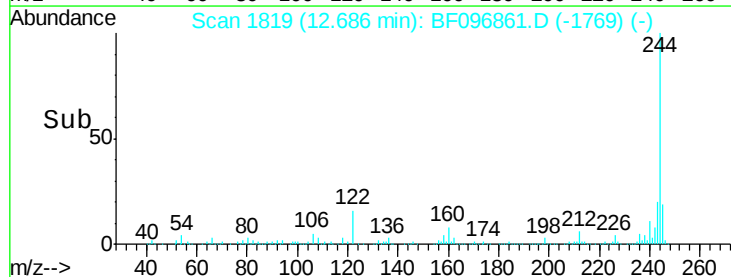
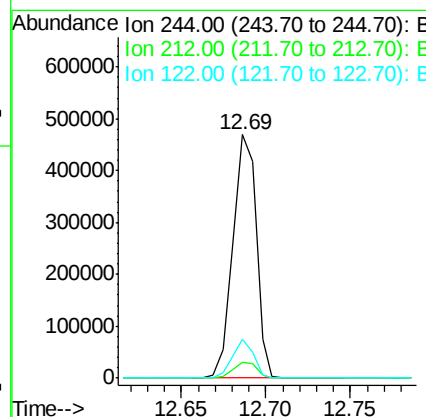
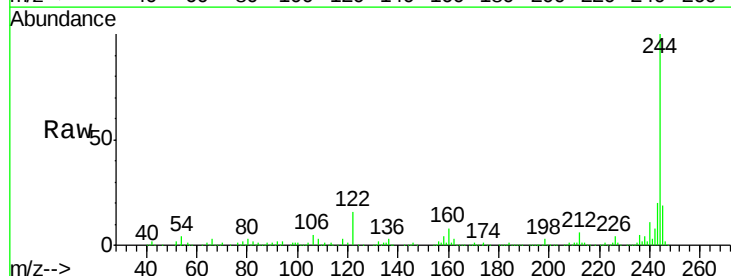
Instrument :
BNA_F
ClientSampleId :
PB100719BS

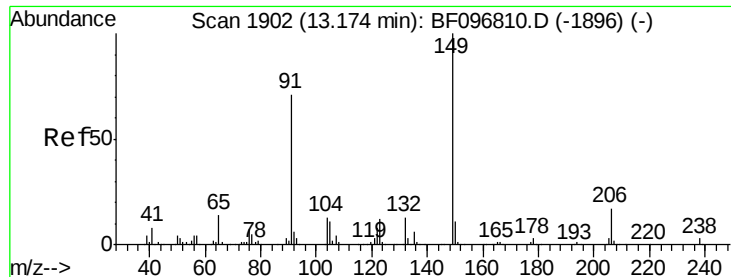
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.2	14.4	21.6



#78
Terphenyl-d14
Concen: 51.51 ng
RT: 12.69 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.7	10.3	15.5#

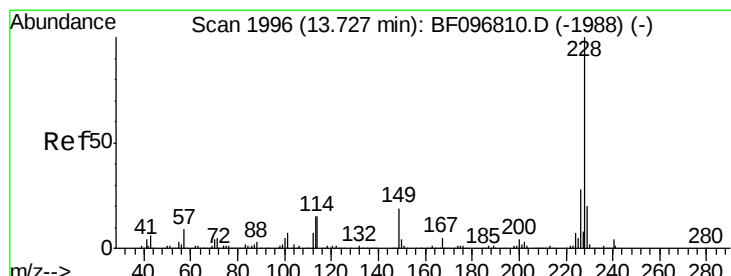
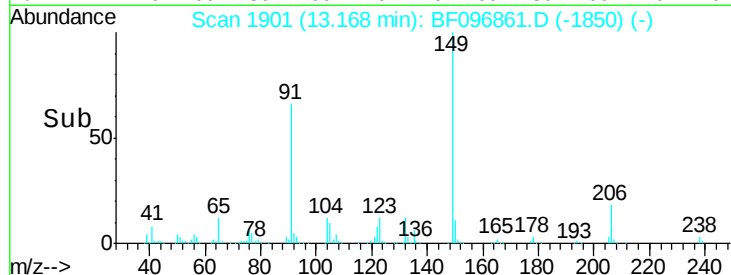
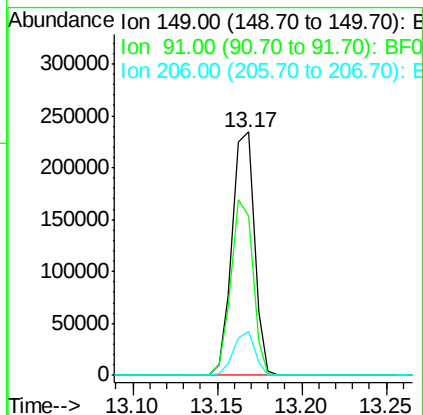
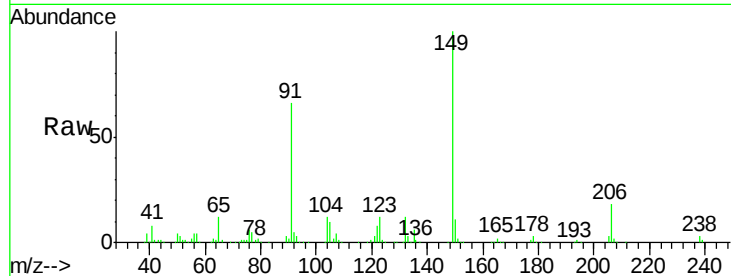




#79
Butylbenzylphthalate
Concen: 33.26 ng
RT: 13.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

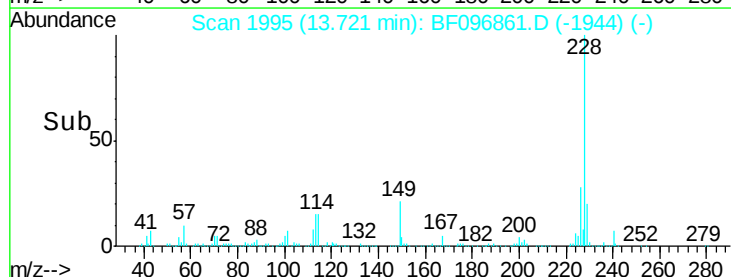
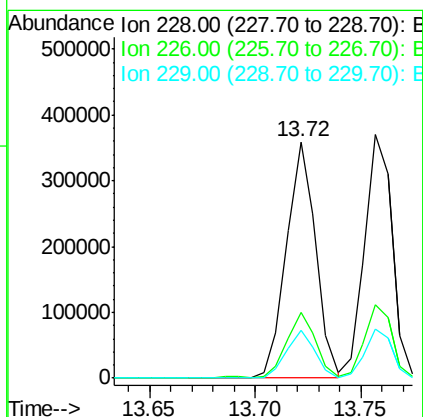
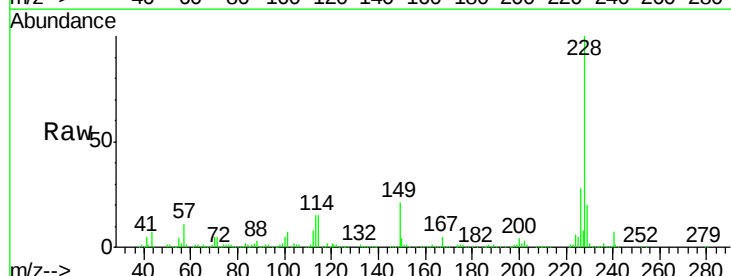
Instrument :
BNA_F
ClientSampleId :
PB100719BS

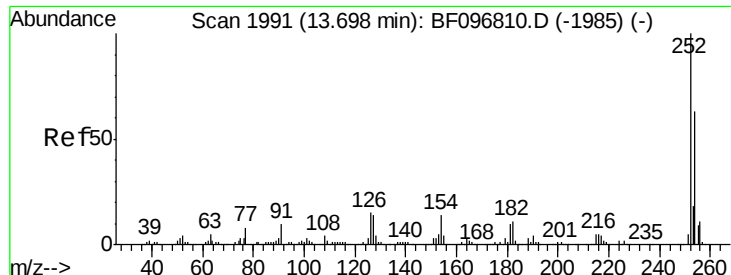
Tot Ion:149 Resp: 216533
Ion Ratio Lower Upper
149 100
91 65.6 45.0 67.4
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.02 ng
RT: 13.72 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF096861.D
Acq: 18 Jul 2017 23:20

Tgt Ion:228 Resp: 348210
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 20.5 16.3 24.5

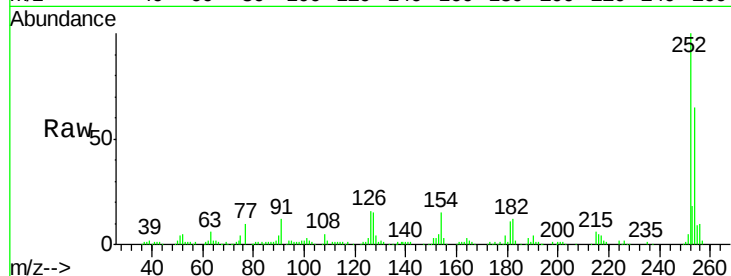




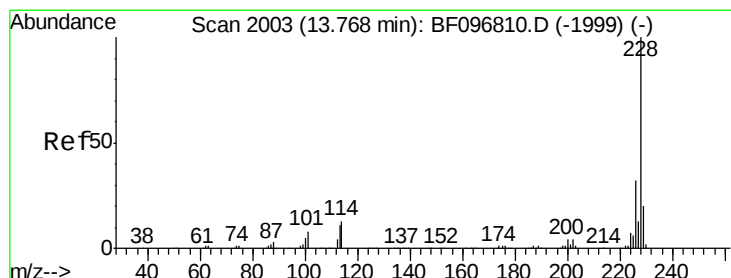
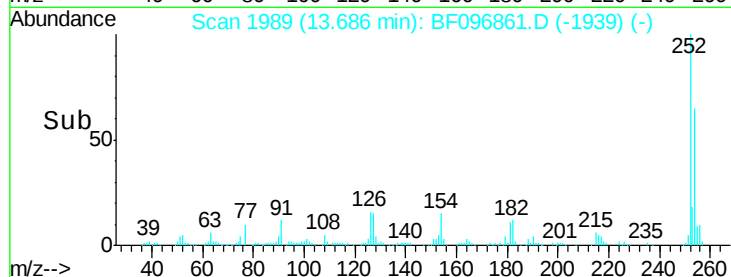
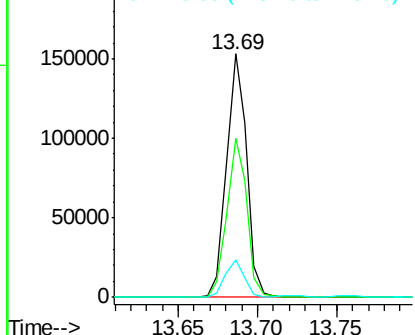
#81
 3,3'-Dichlorobenzidine
 Concen: 39.56 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion:252 Resp: 133808
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.5 77.3
 126 15.5 15.8 23.8#

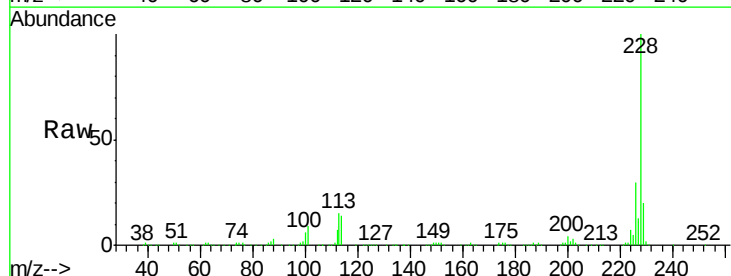


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

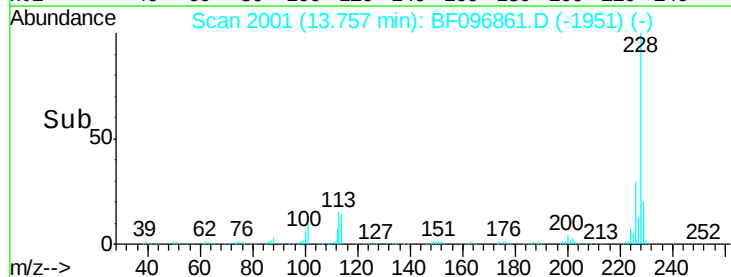
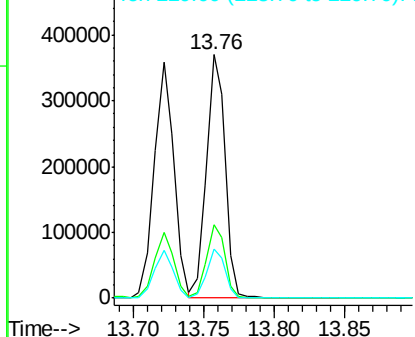


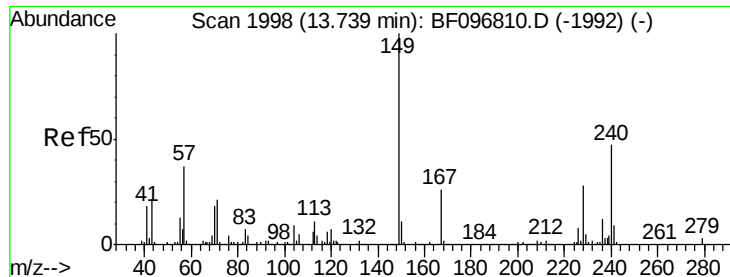
#82
 Chrysene
 Concen: 36.62 ng
 RT: 13.76 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion:228 Resp: 339065
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.2 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: 36.16 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

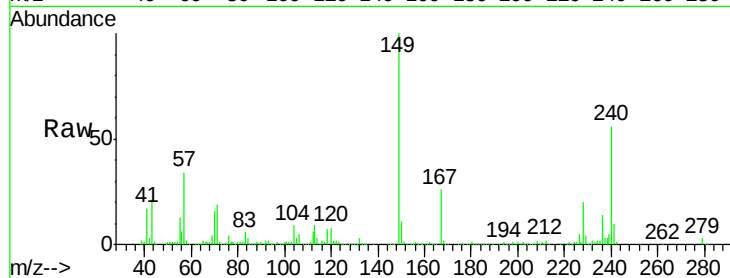
Tot Ion:149 Resp: 286625

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

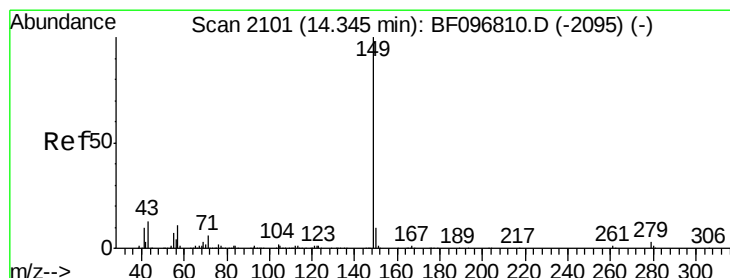
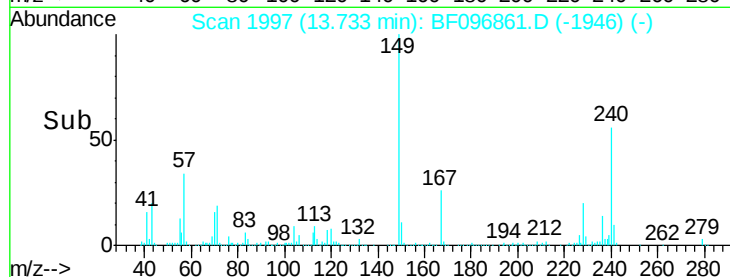
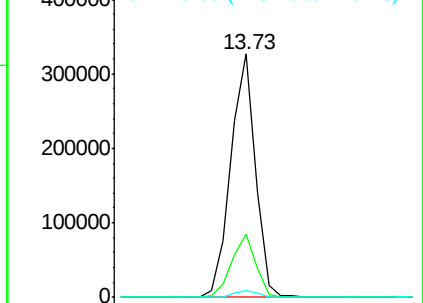
279 2.8 1.9 2.9



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: 41.15 ng

RT: 14.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

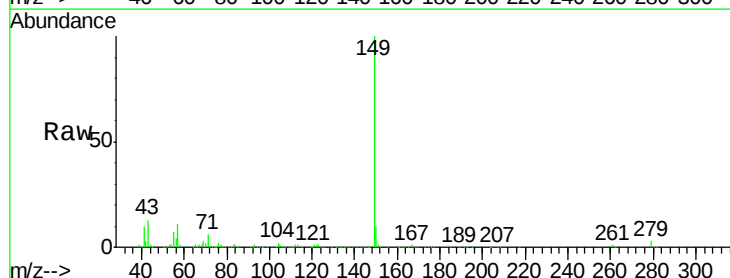
Tgt Ion:149 Resp: 539206

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

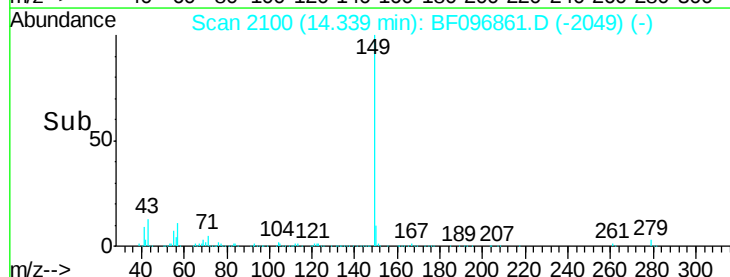
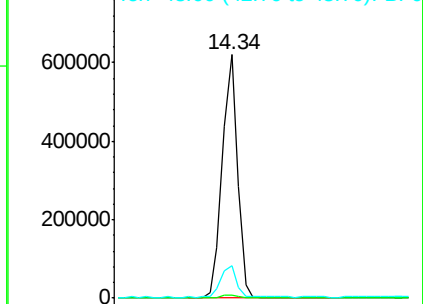
43 13.4 8.5 12.7#

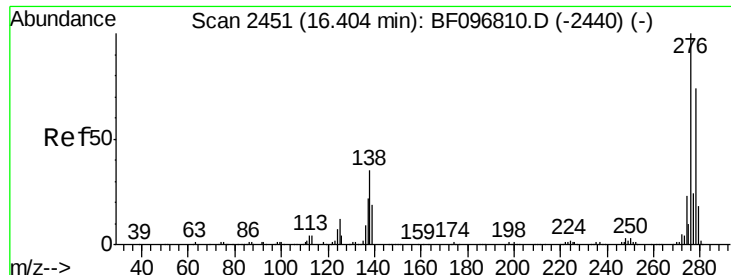


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

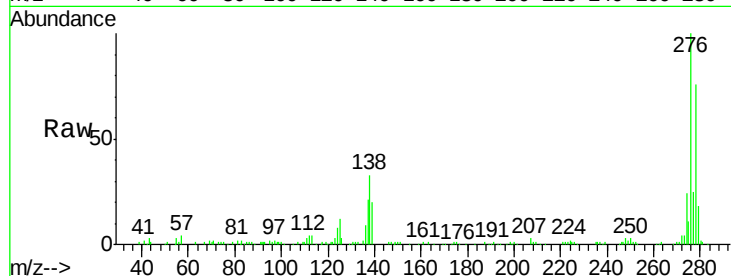




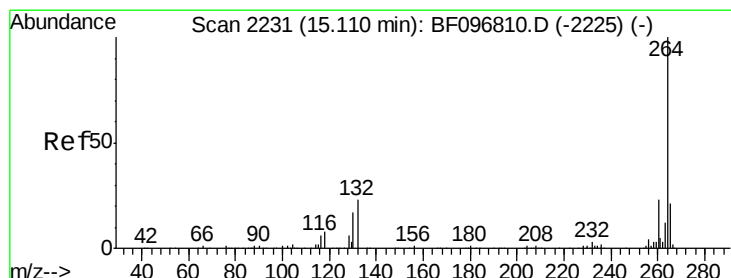
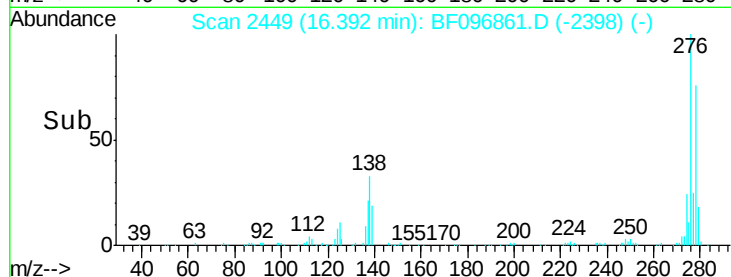
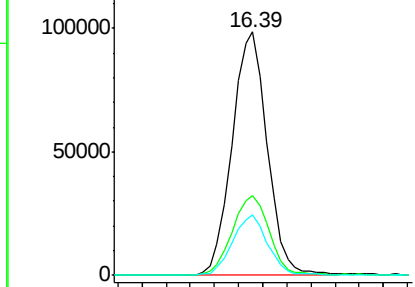
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.07 ng
 RT: 16.39 min Scan# 2449
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Instrument :
 BNA_F
 ClientSampleId :
 PB100719BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	24.9	20.2	30.4

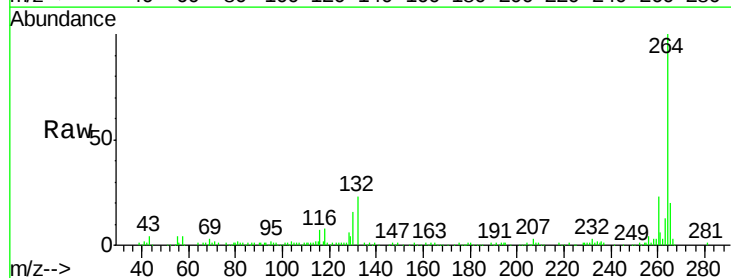


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

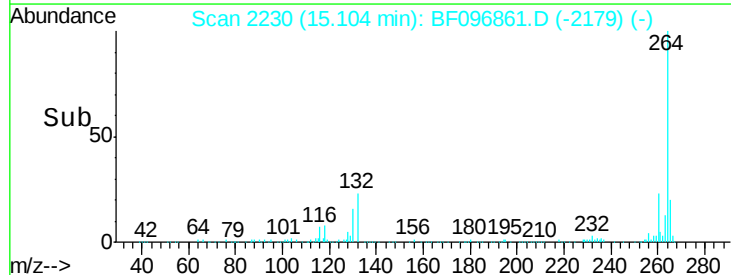
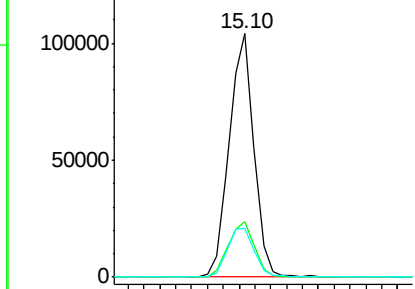


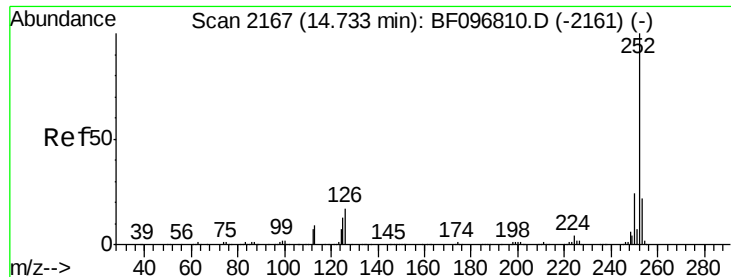
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BF096861.D
 Acq: 18 Jul 2017 23:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.4	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: 41.19 ng

RT: 14.73 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

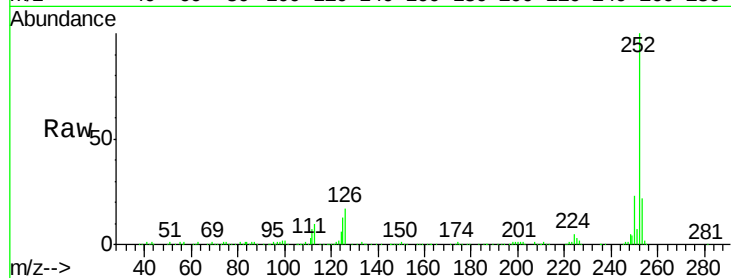
Tot Ion:252 Resp: 279092

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

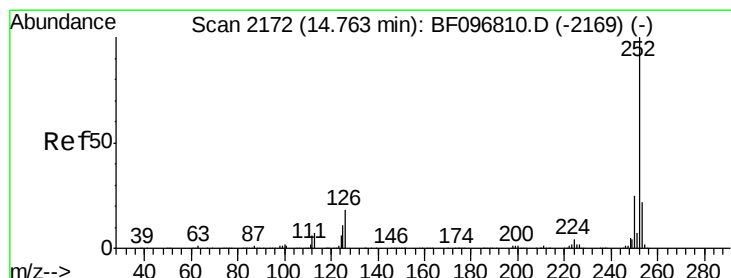
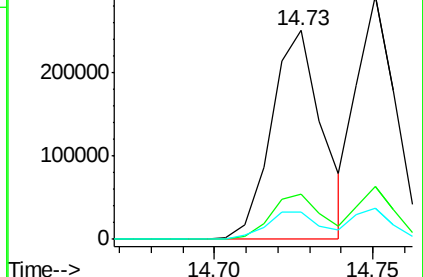
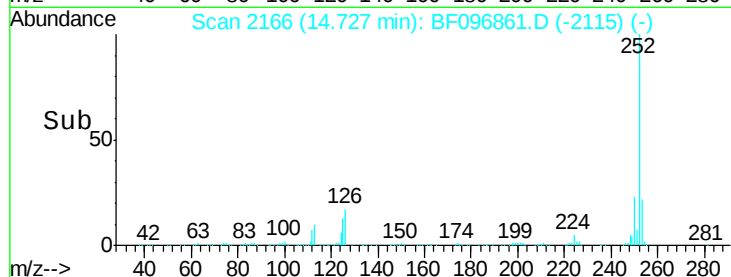
125 13.2 9.8 14.8



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: 43.50 ng

RT: 14.73 min Scan# 2166

Delta R.T. -0.03 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

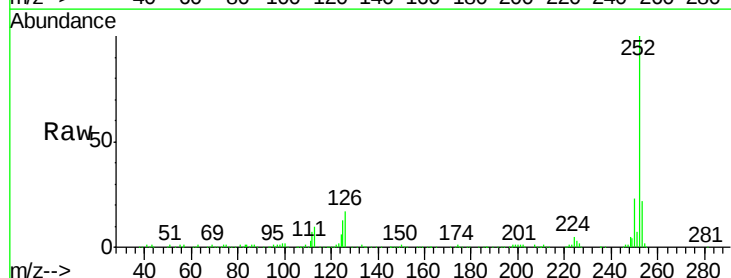
Tgt Ion:252 Resp: 279092

Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

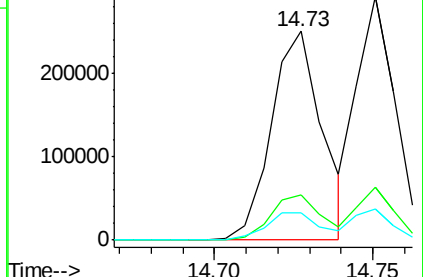
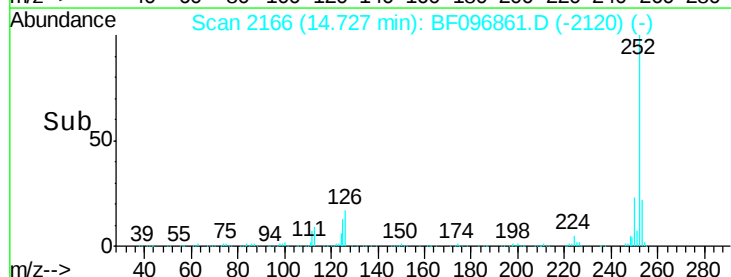
125 13.2 13.1 19.7

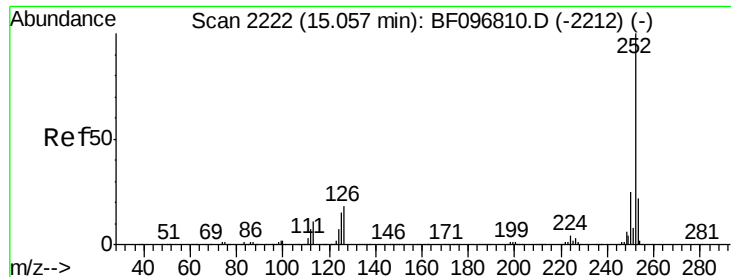


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.12 ng

RT: 15.05 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

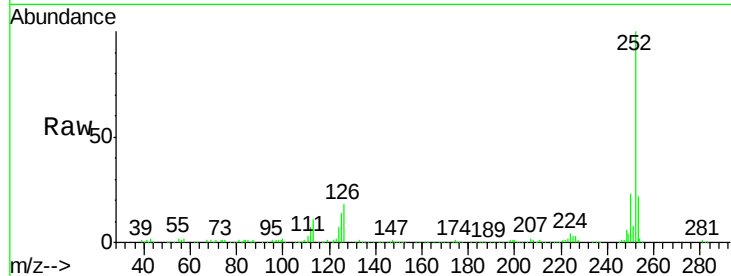
Tot Ion:252 Resp: 243119

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

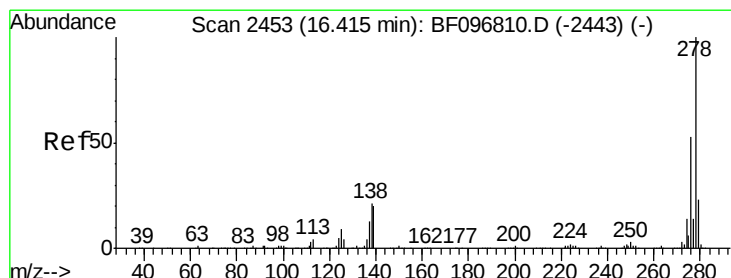
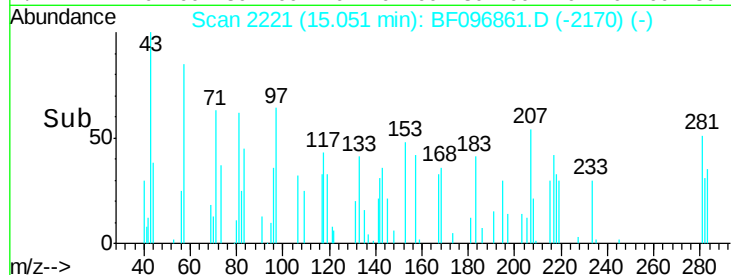
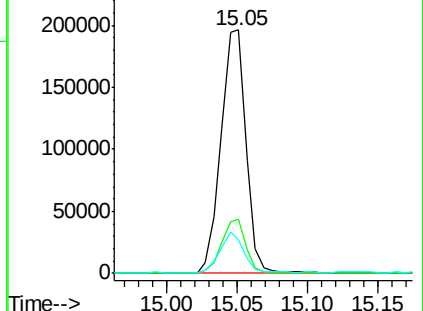
125 14.1 11.0 16.4



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: 29.16 ng

RT: 16.40 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

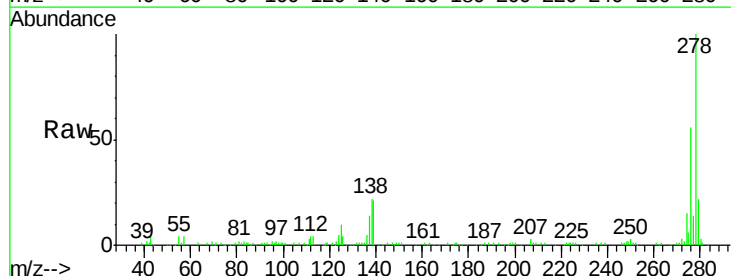
Tgt Ion:278 Resp: 166719

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

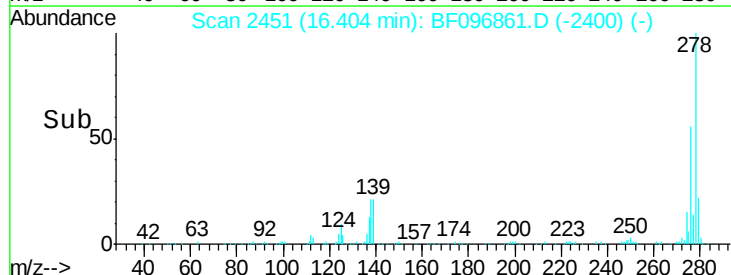
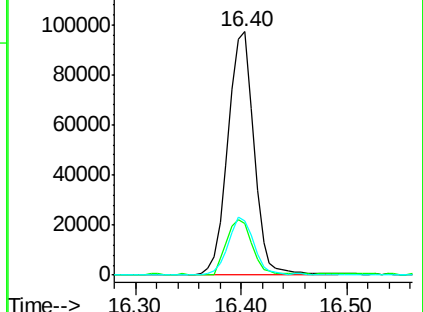
279 22.3 19.3 28.9

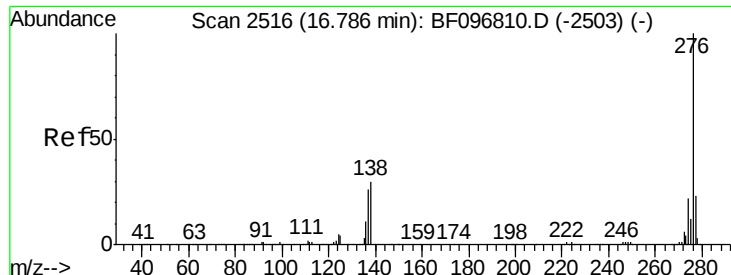


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.44 ng

RT: 16.77 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BF096861.D

Acq: 18 Jul 2017 23:20

Instrument :

BNA_F

ClientSampleId :

PB100719BS

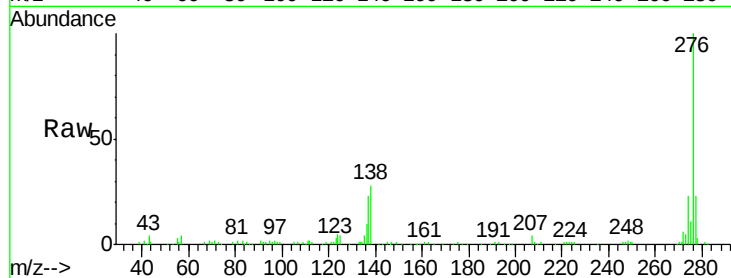
Tot Ion: 276 Resp: 168042

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 28.4 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

