

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096845.D
 Acq On : 18 Jul 2017 13:58
 Operator : SJ/JU
 Sample : I4223-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Quant Time: Jul 18 16:44:57 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	119911	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	523697	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	262187	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	447713	20.00	ng	0.00
75) Chrysene-d12	13.73	240	216314	20.00	ng	0.00
86) Perylene-d12	15.10	264	206784	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	928248	116.39	ng	0.02
7) Phenol-d6	6.26	99	1128698	117.94	ng	0.01
23) Nitrobenzene-d5	7.17	82	701264	82.94	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	245776	109.82	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1314144	79.19	ng	0.00
78) Terphenyl-d14	12.69	244	1000392	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	130651	31.838	ng	# 73
3) Pyridine	2.92	79	333379	38.657	ng	# 61
4) n-Nitrosodimethylamine	2.86	42	211992	43.956	ng	# 81
6) Aniline	6.27	93	362830	30.778	ng	# 33
8) 2-Chlorophenol	6.39	128	355436	41.313	ng	# 96
9) Benzaldehyde	6.15	77	157966	28.558	ng	# 97
10) Phenol	6.27	94	427293	39.496	ng	# 87
11) bis(2-Chloroethyl)ether	6.35	93	348662	42.856	ng	# 92
12) 1,3-Dichlorobenzene	6.54	146	379899	41.541	ng	# 96
13) 1,4-Dichlorobenzene	6.62	146	380469	41.081	ng	# 95
14) 1,2-Dichlorobenzene	6.77	146	343314	40.755	ng	# 95
15) Benzyl Alcohol	6.75	79	274670	43.838	ng	# 97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	699837	41.682	ng	# 94
17) 2-Methylphenol	6.88	107	286469	42.819	ng	# 90
18) Hexachloroethane	7.11	117	135924	41.389	ng	# 82
19) n-Nitroso-di-n-propylamine	7.03	70	244034	42.325	ng	# 87
20) 3+4-Methylphenols	7.03	107	358759	44.190	ng	# 64
22) Acetophenone	7.02	105	493477	42.160	ng	# 98
24) Nitrobenzene	7.19	77	362880	41.499	ng	# 94
25) Isophorone	7.43	82	670226	42.613	ng	# 94
26) 2-Nitrophenol	7.50	139	209025	42.990	ng	# 88
27) 2,4-Dimethylphenol	7.56	122	330766	41.352	ng	# 96
28) bis(2-Chloroethoxy)methane	7.65	93	458825	43.171	ng	# 99
29) 2,4-Dichlorophenol	7.75	162	311404	43.009	ng	# 96
30) 1,2,4-Trichlorobenzene	7.83	180	288454	41.901	ng	# 97
31) Naphthalene	7.90	128	1039663	41.907	ng	# 100
32) Benzoic acid	7.67	122	86930	17.004	ng	# 89
33) 4-Chloroaniline	7.96	127	231228	23.525	ng	# 96
34) Hexachlorobutadiene	8.03	225	152934	41.614	ng	# 97
35) Caprolactam	8.35	113	59392	25.600	ng	# 57
36) 4-Chloro-3-methylphenol	8.46	107	332606	42.722	ng	# 93
37) 2-Methylnaphthalene	8.60	142	727799	46.016	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	250801	35.386	ng	# 99
40) Hexachlorocyclopentadiene	8.76	237	230909	86.211	ng	# 99

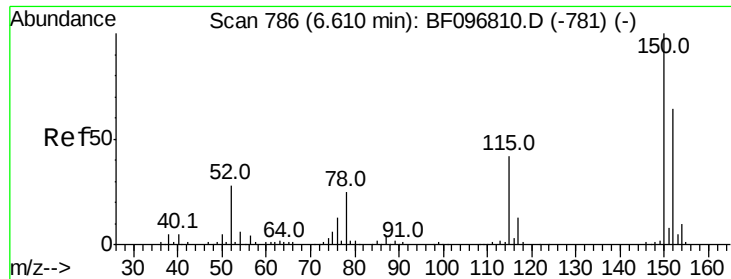
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071817\
 Data File : BF096845.D
 Acq On : 18 Jul 2017 13:58
 Operator : SJ/JU
 Sample : I4223-04MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Quant Time: Jul 18 16:44:57 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)
42) 2,4,6-Trichlorophenol	8.88	196	206608	39.520	ng	98
43) 2,4,5-Trichlorophenol	8.93	196	217287	41.211	ng	97
45) 1,1'-Biphenyl	9.06	154	864906	38.464	ng	98
46) 2-Chloronaphthalene	9.09	162	674429	40.732	ng	95
47) 2-Nitroaniline	9.18	65	252789	44.415	ng	97
48) Acenaphthylene	9.50	152	1058050	40.105	ng	99
49) Dimethylphthalate	9.37	163	1052520	53.314	ng	99
50) 2,6-Dinitrotoluene	9.43	165	176000	41.159	ng	# 77
51) Acenaphthene	9.67	154	604050	38.759	ng	98
52) 3-Nitroaniline	9.59	138	145324	28.688	ng	94
53) 2,4-Dinitrophenol	9.71	184	138212	66.519	ng	# 71
54) Dibenzofuran	9.84	168	894894	40.976	ng	98
55) 4-Nitrophenol	9.78	139	244877	66.168	ng	# 62
56) 2,4-Dinitrotoluene	9.83	165	218433	39.753	ng	# 64
57) Fluorene	10.18	166	662036	41.022	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	163669	44.759	ng	98
59) Diethylphthalate	10.07	149	791665	41.192	ng	100
60) 4-Chlorophenyl-phenylether	10.17	204	285810	42.000	ng	98
61) 4-Nitroaniline	10.21	138	214479	45.088	ng	91
62) Azobenzene	10.33	77	701668	41.385	ng	93
64) 4,6-Dinitro-2-methylphenol	10.25	198	111532	39.677	ng	87
65) n-Nitrosodiphenylamine	10.30	169	602638	37.655	ng	98
66) 4-Bromophenyl-phenylether	10.66	248	191461	41.886	ng	97
67) Hexachlorobenzene	10.73	284	198715	39.033	ng	# 86
68) Atrazine	10.83	200	184510	40.467	ng	95
69) Pentachlorophenol	10.93	266	173986	70.743	ng	98
70) Phenanthrene	11.13	178	990481	40.687	ng	99
71) Anthracene	11.19	178	991540	40.285	ng	100
72) Carbazole	11.34	167	933949	39.184	ng	99
73) Di-n-butylphthalate	11.68	149	1166618	39.301	ng	99
74) Fluoranthene	12.32	202	949679	40.757	ng	99
76) Benzidine	12.43	184	295556	41.707	ng	# 92
77) Pyrene	12.54	202	922739	47.003	ng	99
79) Butylbenzylphthalate	13.17	149	489731	52.503	ng	# 80
80) Benzo(a)anthracene	13.72	228	594494	44.108	ng	99
81) 3,3'-Dichlorobenzidine	13.69	252	132937	27.428	ng	# 97
82) Chrysene	13.76	228	592331	44.642	ng	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	540854	47.613	ng	99
84) Di-n-octyl phthalate	14.34	149	931953	49.633	ng	95
85) Indeno(1,2,3-cd)pyrene	16.39	276	538531	43.066	ng	99
87) Benzo(b)fluoranthene	14.73	252	527284	42.279	ng	99
88) Benzo(k)fluoranthene	14.76	252	480007	40.645	ng	# 93
89) Benzo(a)pyrene	15.05	252	484240	42.334	ng	99
90) Dibenzo(a,h)anthracene	16.40	278	440713	41.872	ng	97
91) Benzo(g,h,i)perylene	16.78	276	466795	41.416	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.60 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

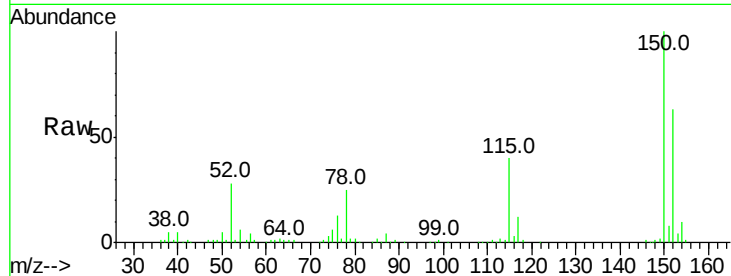
Tot Ion:152 Resp: 119911

Ion Ratio Lower Upper

152 100

150 158.0 126.2 189.2

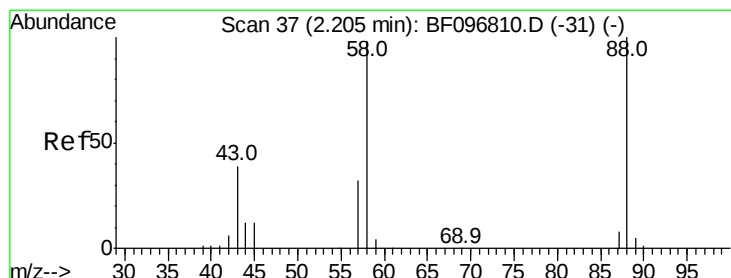
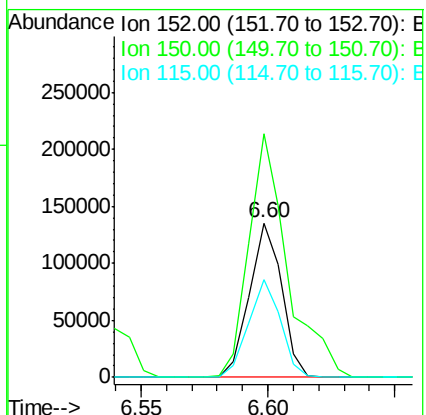
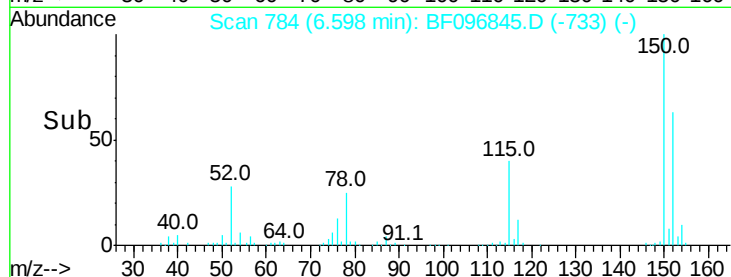
115 63.0 52.2 78.2



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: 31.838 ng

RT: 2.25 min Scan# 45

Delta R.T. 0.06 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

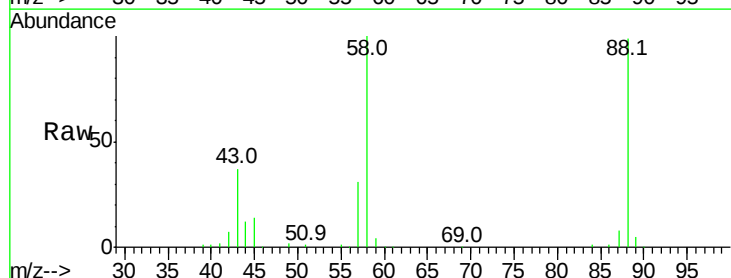
Tgt Ion: 88 Resp: 130651

Ion Ratio Lower Upper

88 100

58 102.4 61.4 92.0#

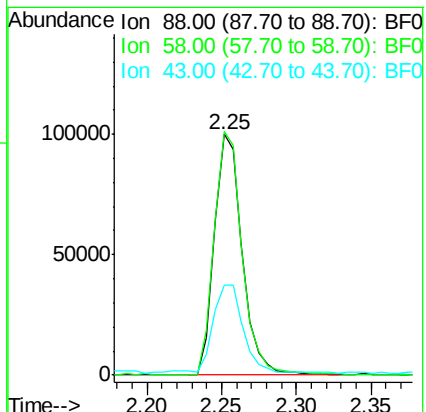
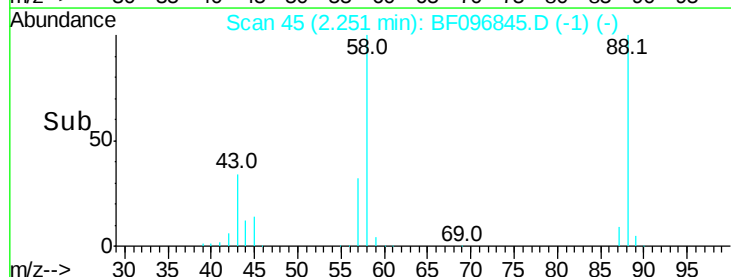
43 40.2 23.4 35.0#

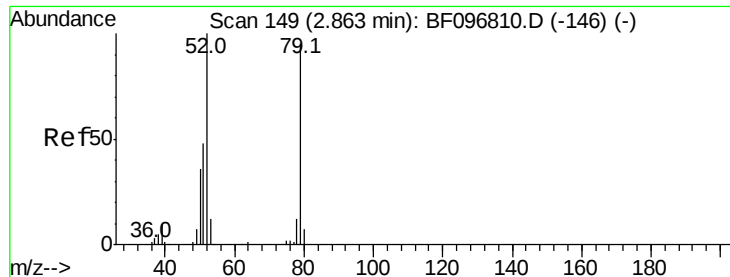


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.657 ng

RT: 2.92 min Scan# 159

Delta R.T. 0.08 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

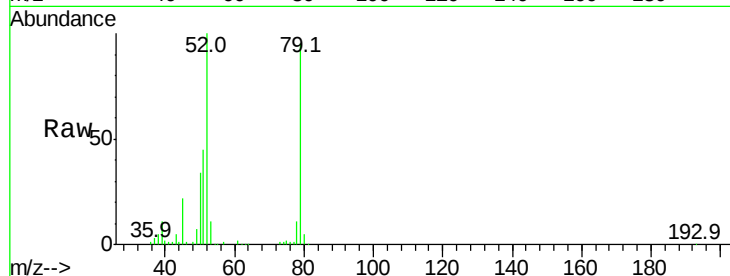
Tot Ion: 79 Resp: 333379

Ion Ratio Lower Upper

79 100

52 105.7 54.8 82.2#

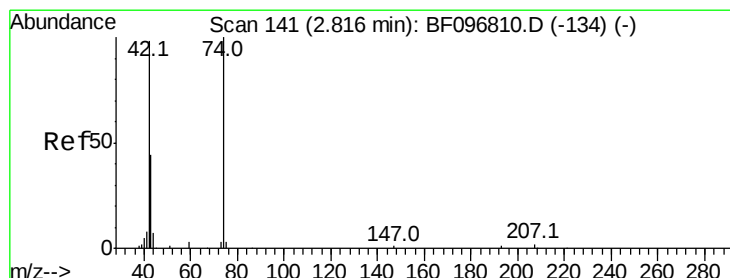
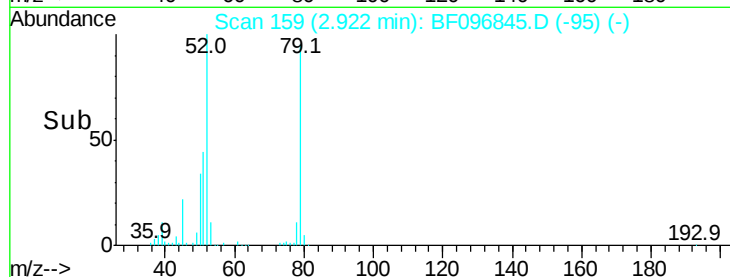
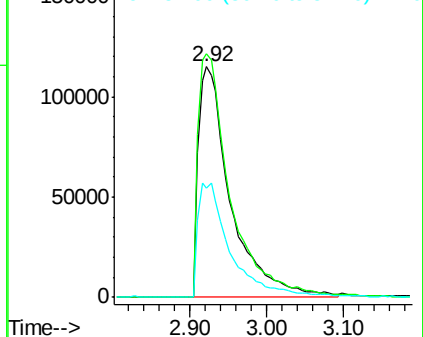
51 47.2 27.0 40.4#



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: 43.956 ng

RT: 2.86 min Scan# 149

Delta R.T. 0.06 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

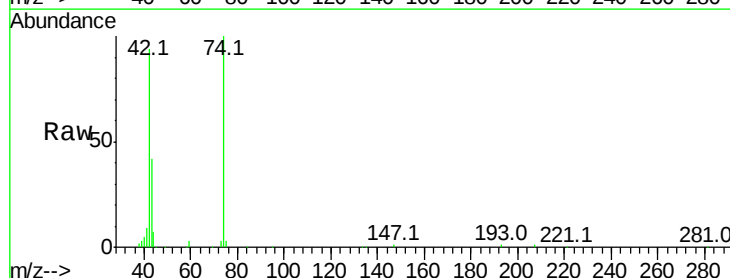
Tgt Ion: 42 Resp: 211992

Ion Ratio Lower Upper

42 100

74 106.5 103.9 155.9

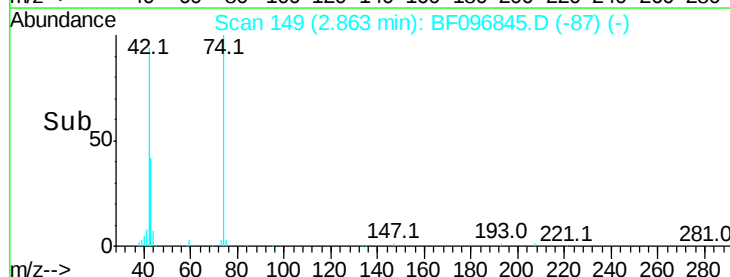
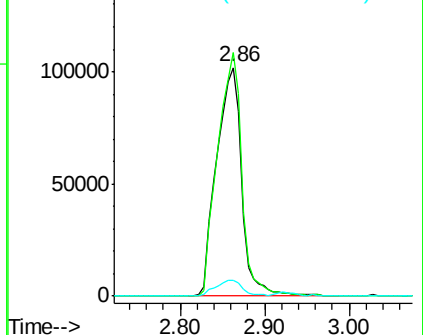
44 7.1 5.7 8.5

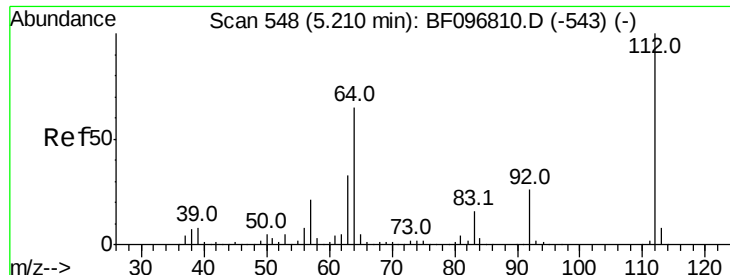


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 116.395 ng

RT: 5.22 min Scan# 550

Delta R.T. 0.02 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

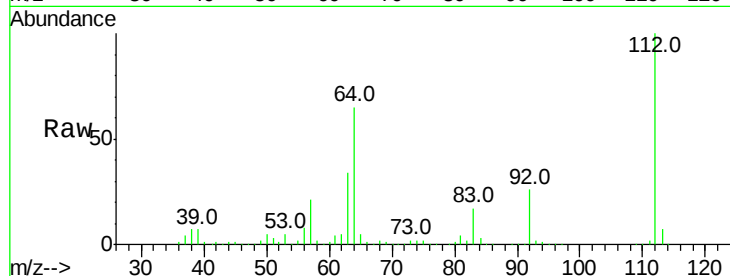
Tot Ion:112 Resp: 928248

Ion Ratio Lower Upper

112 100

64 65.3 46.0 69.0

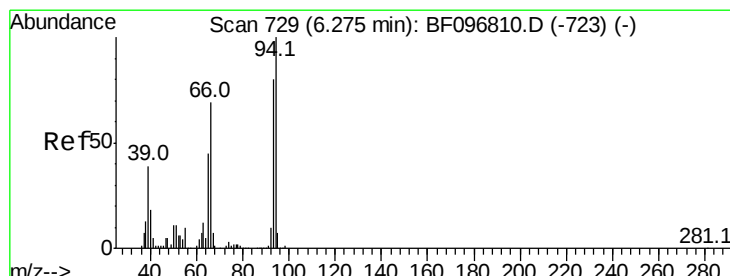
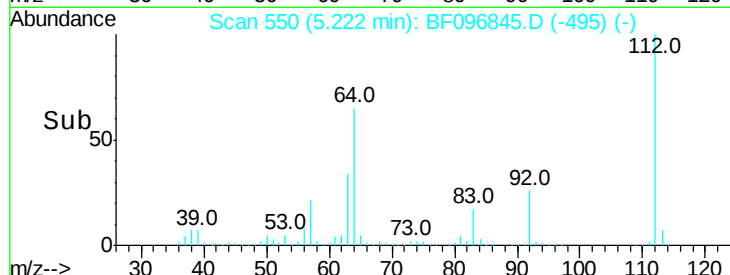
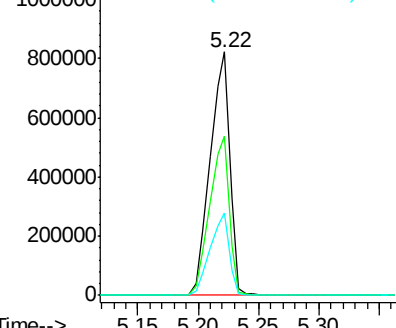
63 33.8 23.4 35.0



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: 30.778 ng

RT: 6.27 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

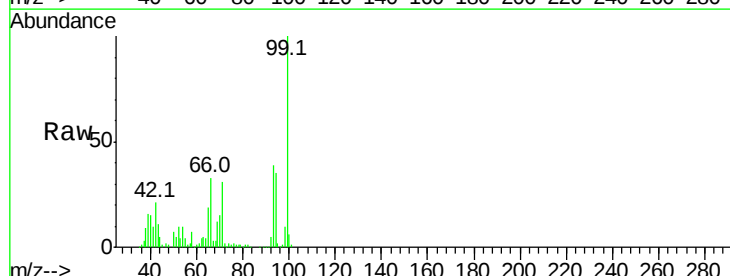
Tgt Ion: 93 Resp: 362830

Ion Ratio Lower Upper

93 100

66 84.0 32.9 49.3#

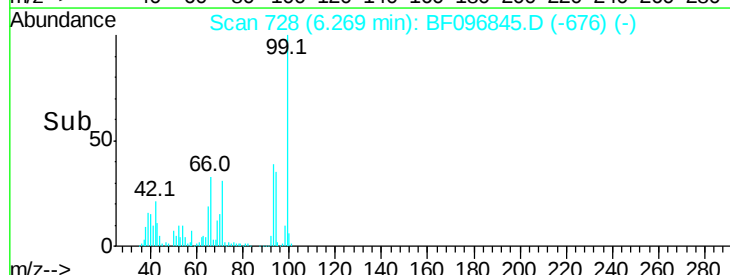
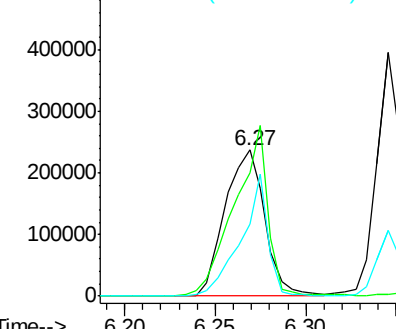
65 49.2 16.0 24.0#

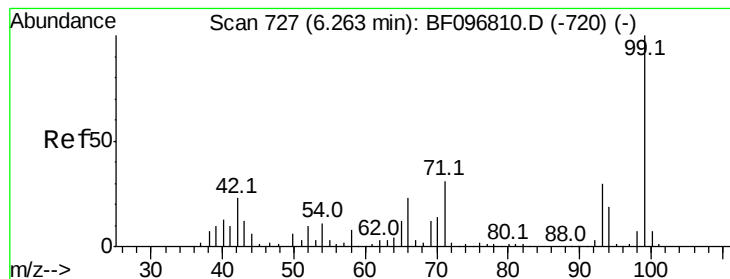


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.938 ng

RT: 6.26 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

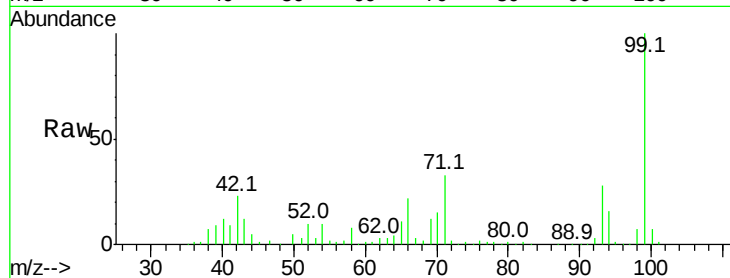
BNA_F

ClientSampleId :

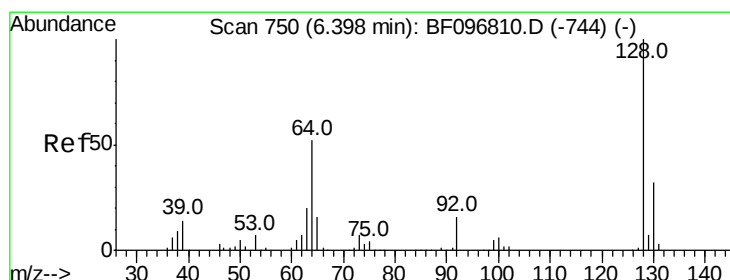
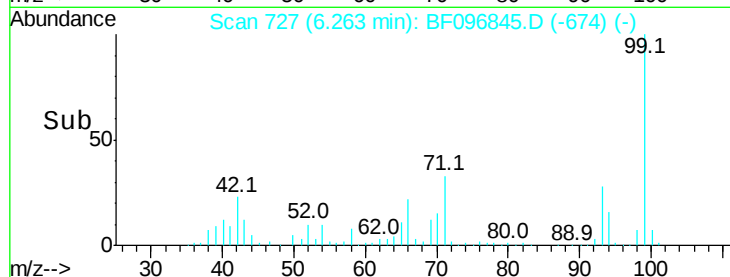
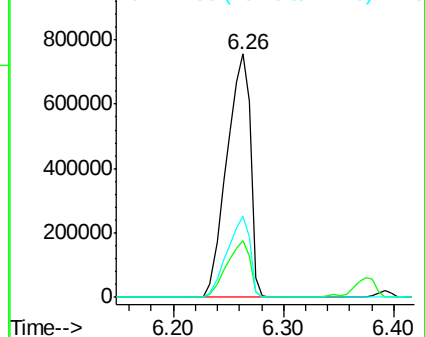
WC071417-1NEMS

Tot Ion: 99 Resp: 1128698

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	33.4	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.313 ng

RT: 6.39 min Scan# 749

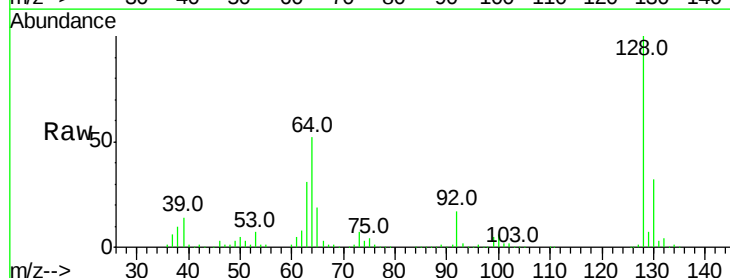
Delta R.T. 0.01 min

Lab File: BF096845.D

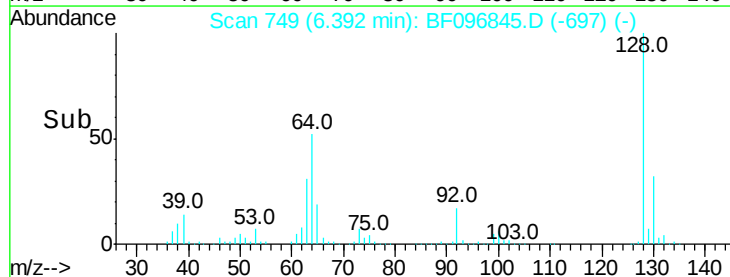
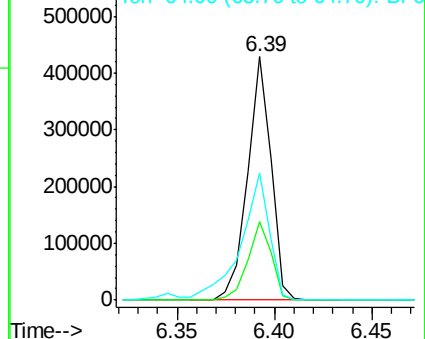
Acq: 18 Jul 2017 13:58

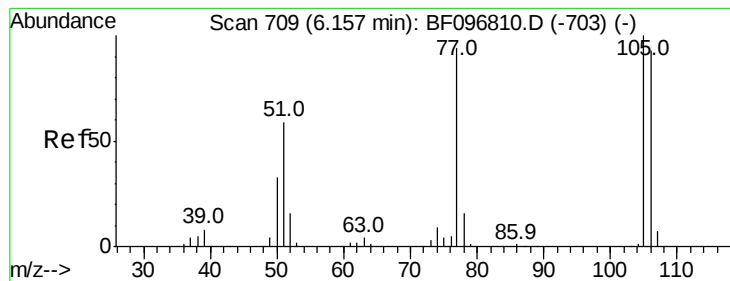
Tgt Ion: 128 Resp: 355436

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.9	52.9
64	52.4	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: 28.558 ng

RT: 6.15 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

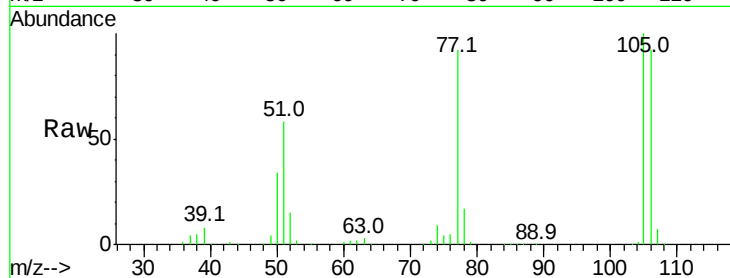
Tot Ion: 77 Resp: 157966

Ion Ratio Lower Upper

77 100

105 108.5 83.8 123.8

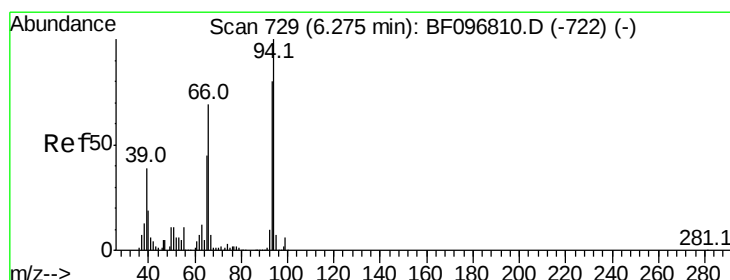
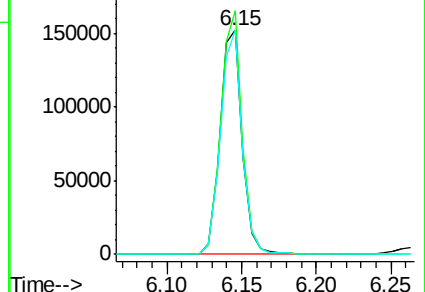
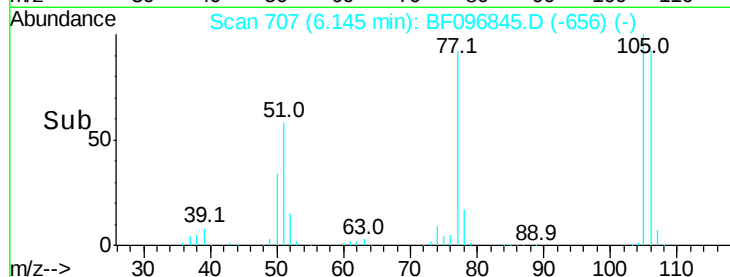
106 100.2 79.1 119.1



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: 39.496 ng

RT: 6.27 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

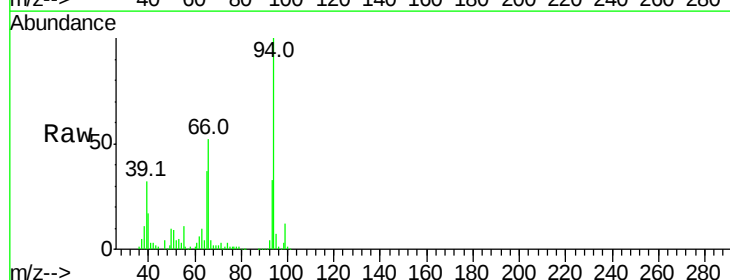
Tgt Ion: 94 Resp: 427293

Ion Ratio Lower Upper

94 100

65 36.7 9.9 49.9

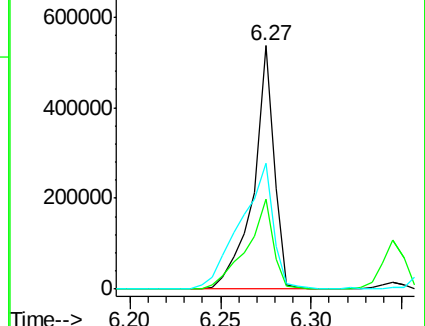
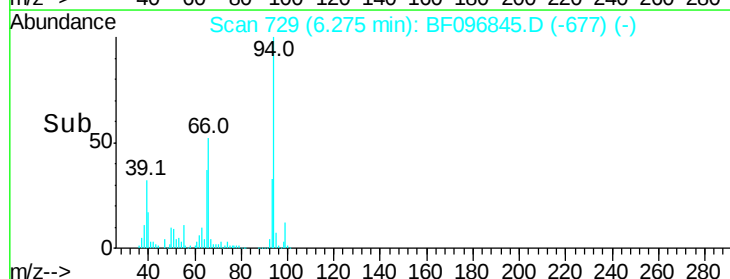
66 51.5 23.1 63.1

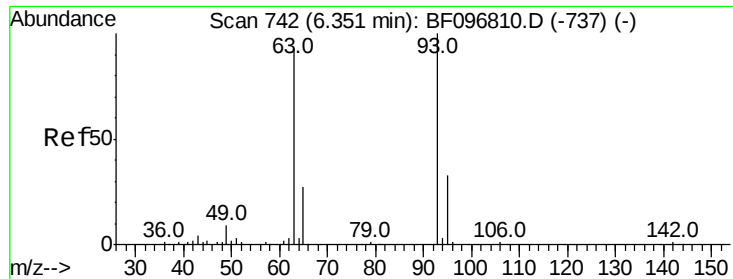


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.856 ng

RT: 6.35 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

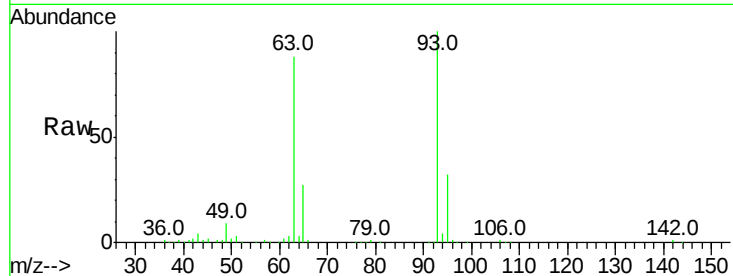
Tot Ion: 93 Resp: 348662

Ion Ratio Lower Upper

93 100

63 88.0 59.2 99.2

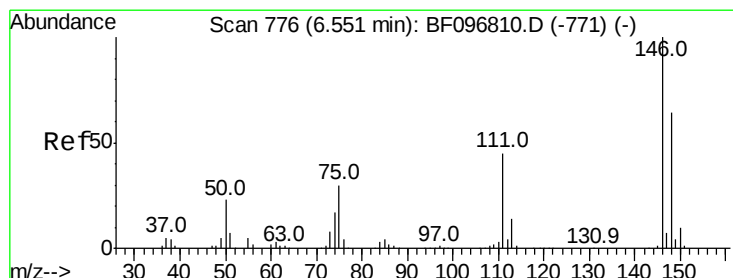
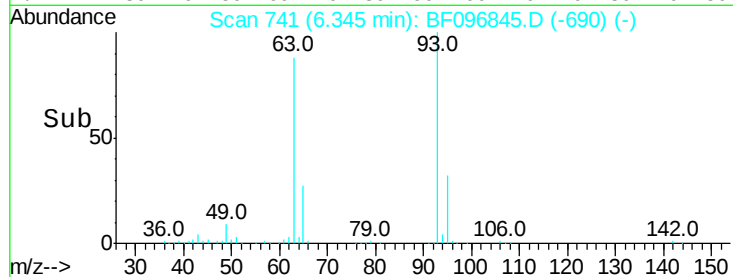
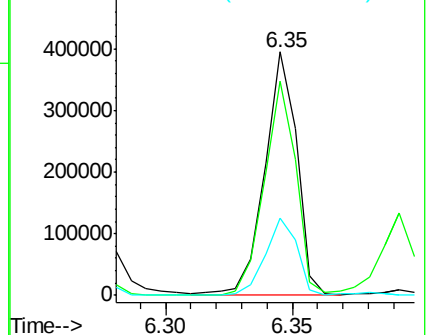
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.541 ng

RT: 6.54 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

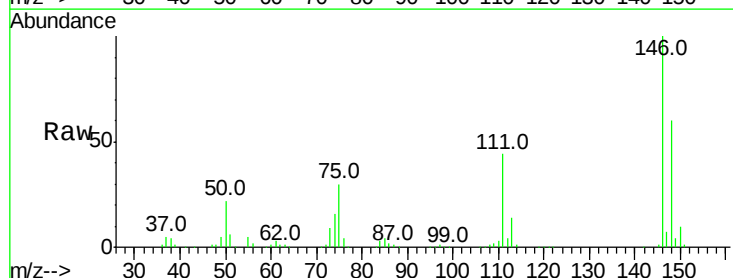
Tgt Ion:146 Resp: 379899

Ion Ratio Lower Upper

146 100

148 60.3 51.8 77.6

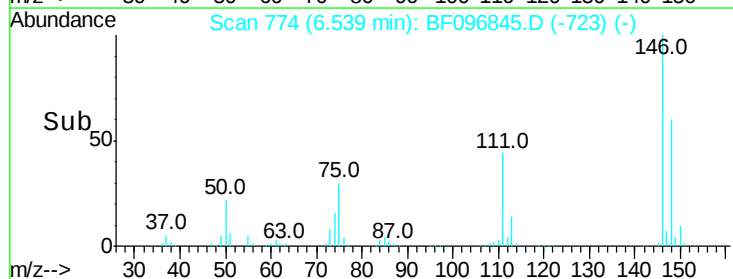
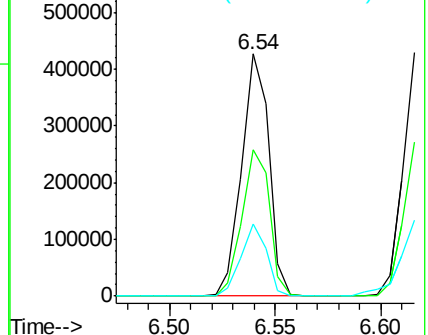
75 29.9 23.1 34.7

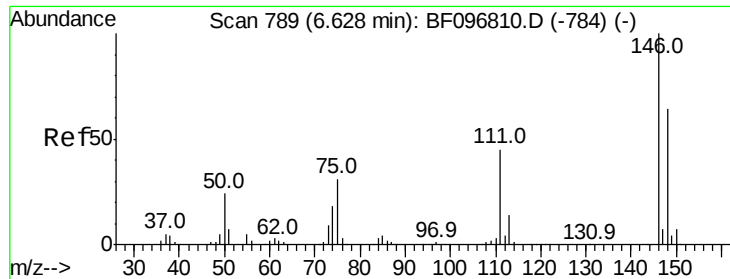


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

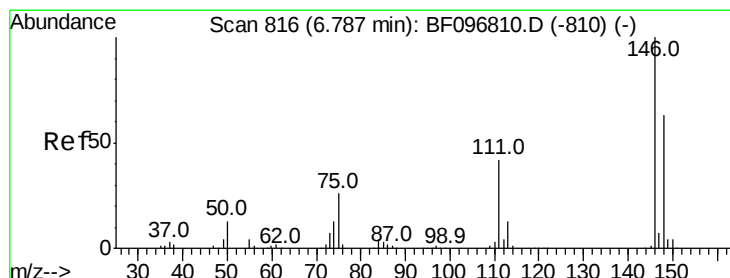
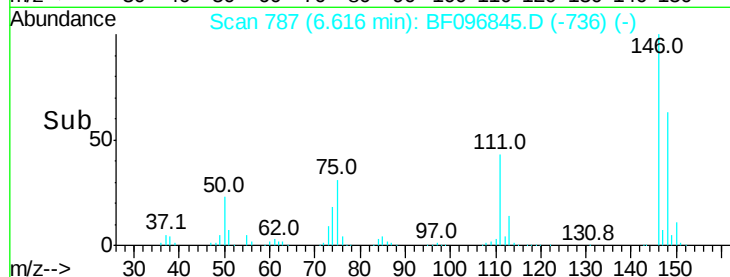
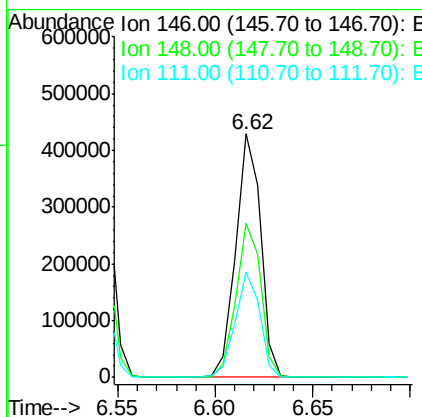
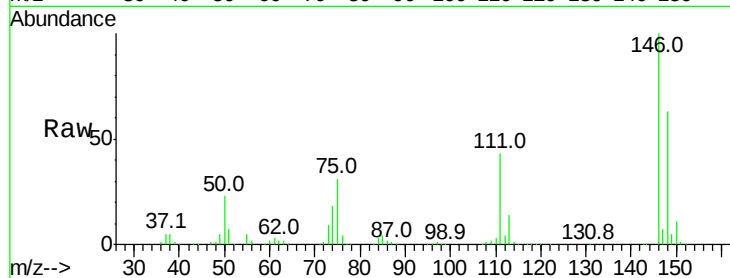




#13
 1,4-Dichlorobenzene
 Concen: 41.081 ng
 RT: 6.62 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

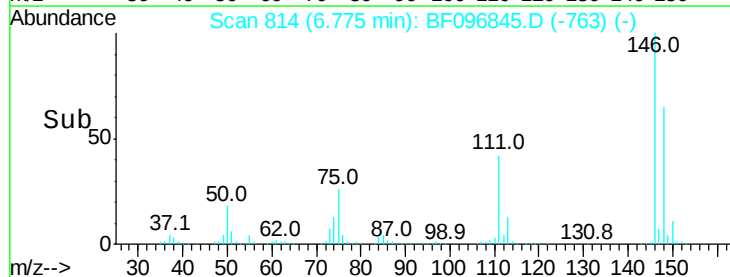
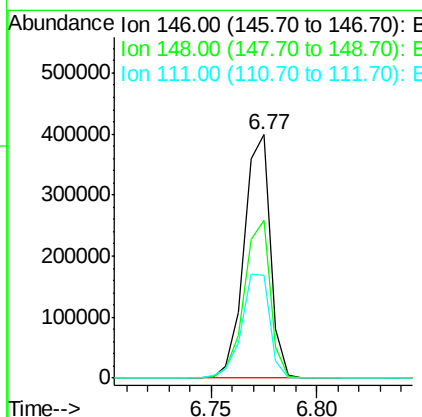
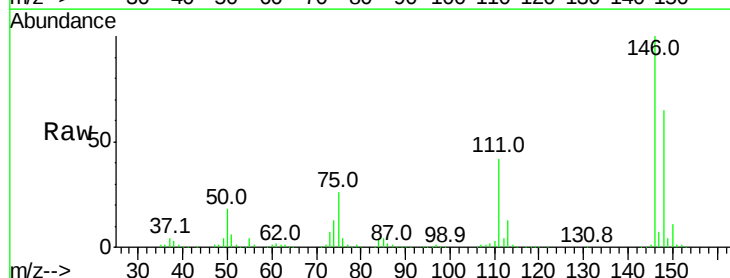
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

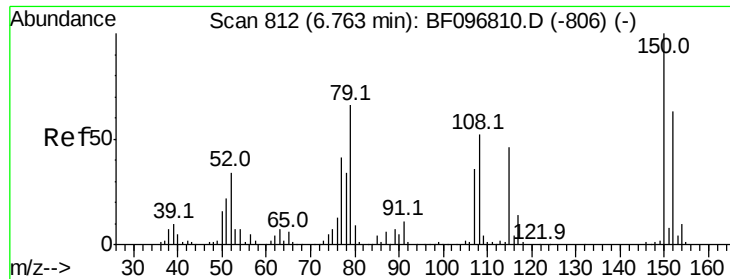
Tot Ion:146 Resp: 380469
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 43.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.755 ng
 RT: 6.77 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:146 Resp: 343314
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 42.4 38.2 57.4

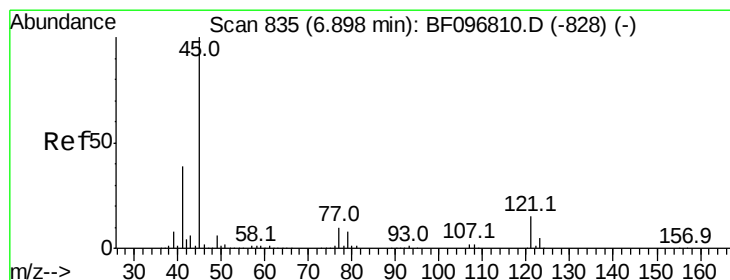
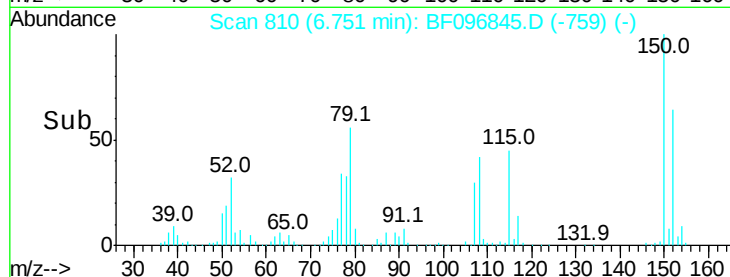
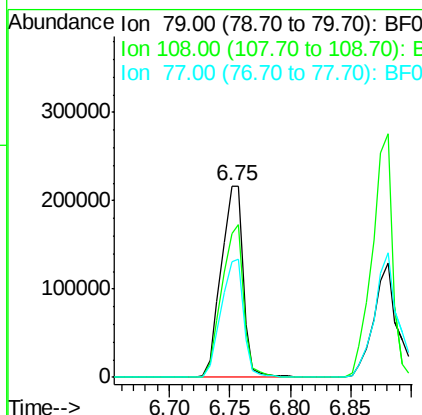
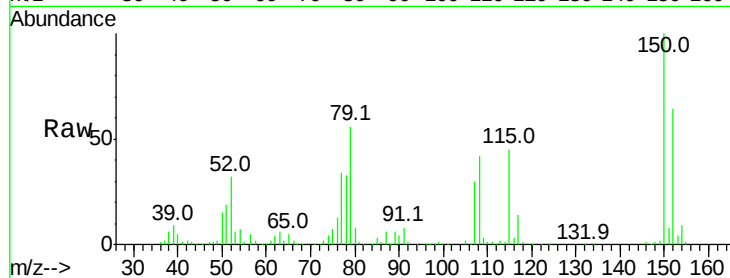




#15
Benzyl Alcohol
Concen: 43.838 ng
RT: 6.75 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

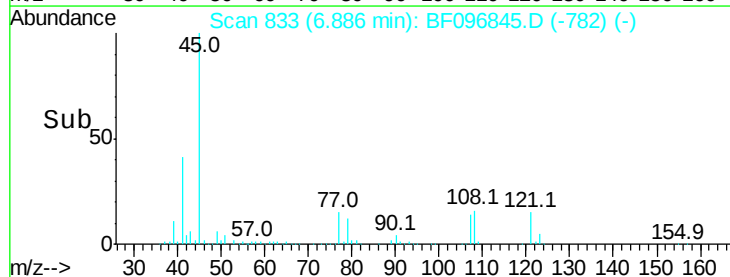
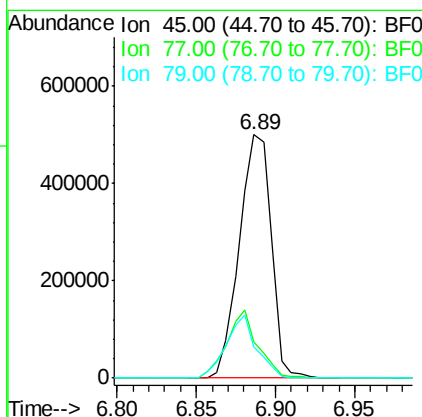
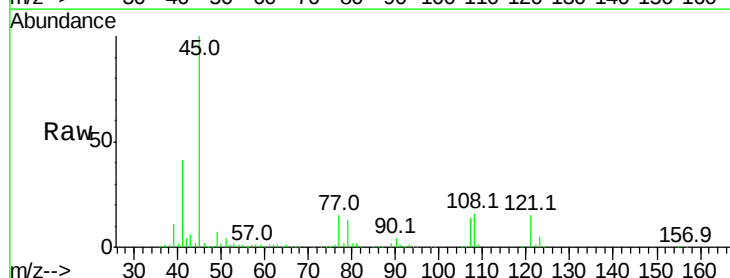
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

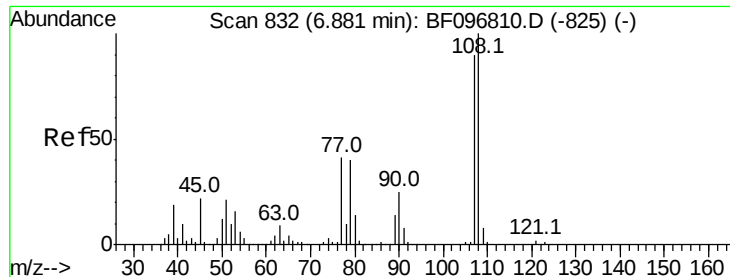
Tot Ion: 79 Resp: 274670
Ion Ratio Lower Upper
79 100
108 75.1 63.4 95.0
77 60.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.682 ng
RT: 6.89 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion: 45 Resp: 699837
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.2
79 12.6 0.0 30.0

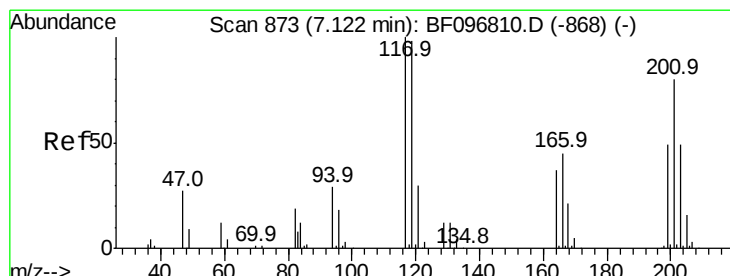
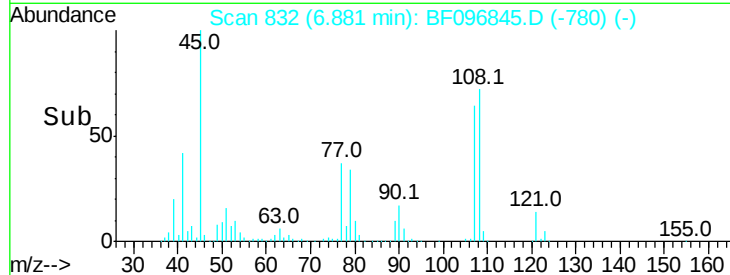
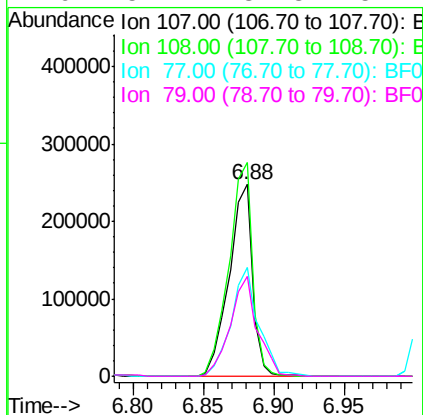
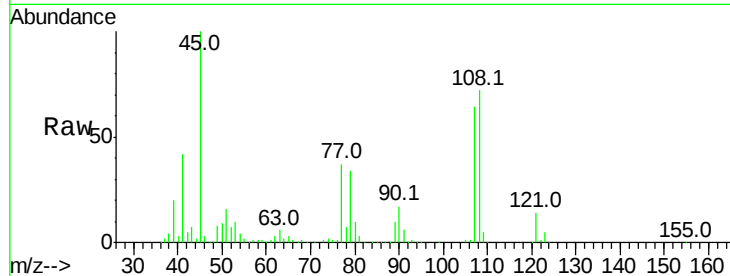




#17
2-Methylphenol
Concen: 42.819 ng
RT: 6.88 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

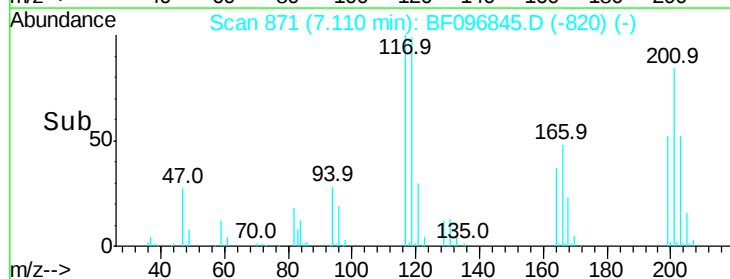
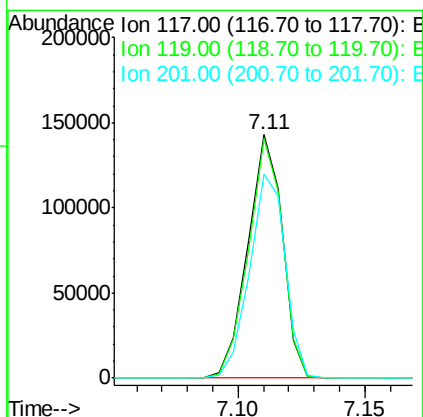
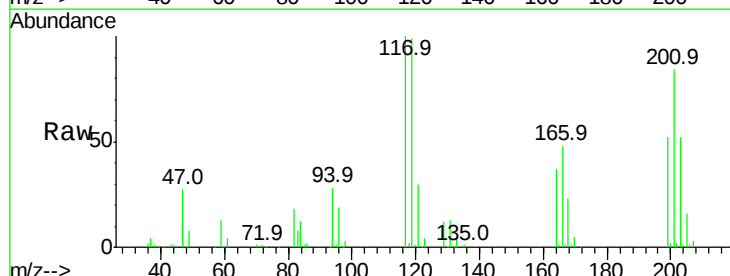
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

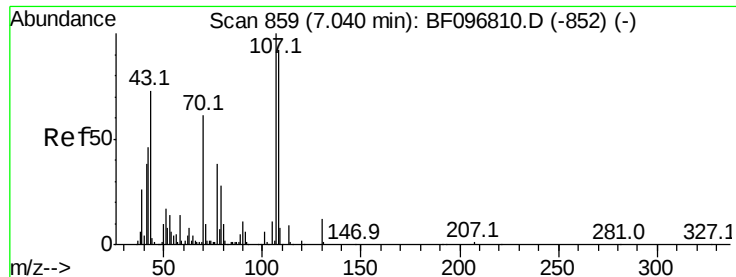
Tot Ion:107 Resp: 286469
Ion Ratio Lower Upper
107 100
108 111.6 93.4 140.0
77 57.0 35.8 53.6#
79 52.2 34.8 52.2#



#18
Hexachloroethane
Concen: 41.389 ng
RT: 7.11 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:117 Resp: 135924
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.0
201 84.0 94.6 141.8#

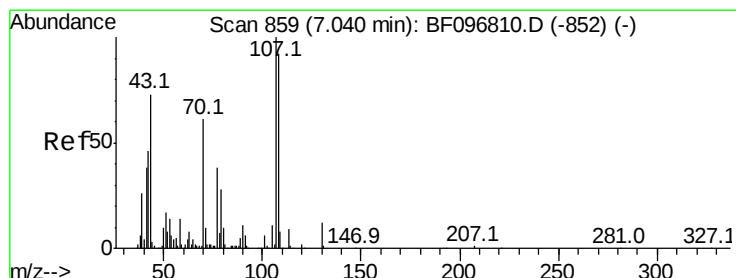
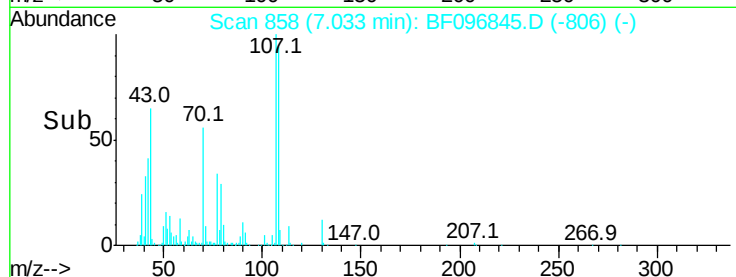
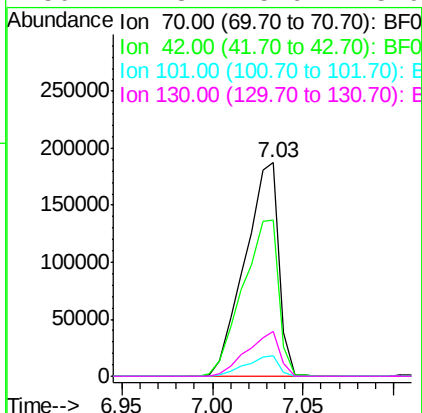
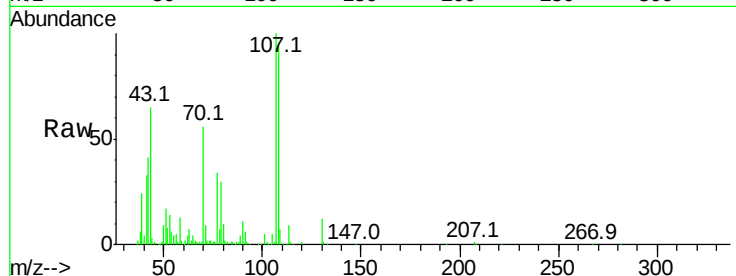




#19
n-Nitroso-di-n-propylamine
Concen: 42.325 ng
RT: 7.03 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

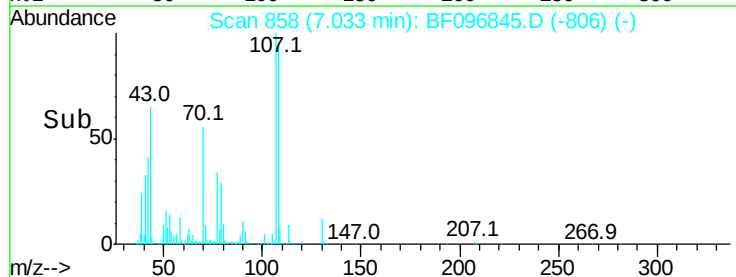
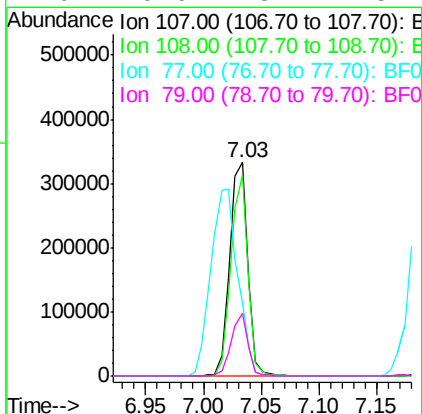
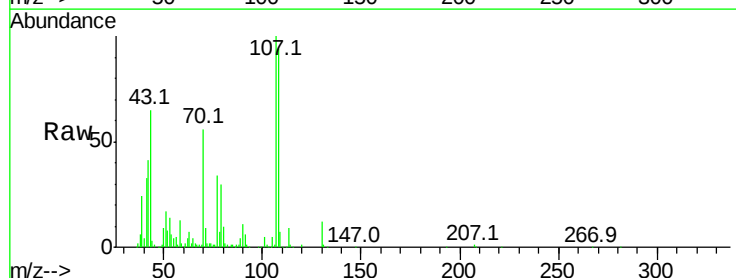
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

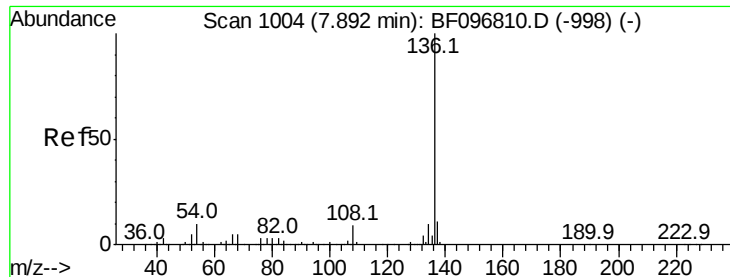
Tot Ion: 70 Resp: 244034
Ion Ratio Lower Upper
70 100
42 73.2 47.2 70.8#
101 9.5 7.2 10.8
130 21.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 44.190 ng
RT: 7.03 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion: 107 Resp: 358759
Ion Ratio Lower Upper
107 100
108 94.0 71.0 111.0
77 34.3 90.5 130.5#
79 29.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:136 Resp: 523697

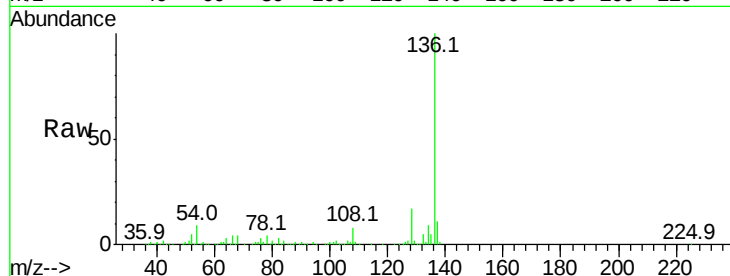
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.1 4.9 7.3#

68 4.4 4.1 6.1

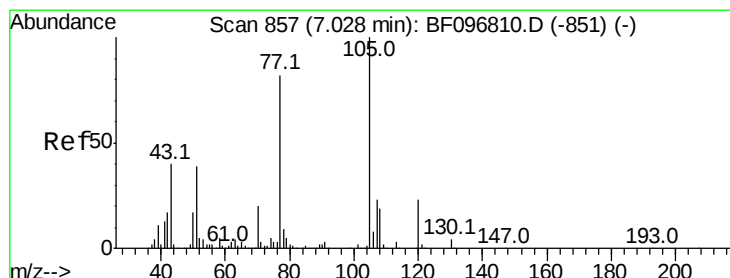
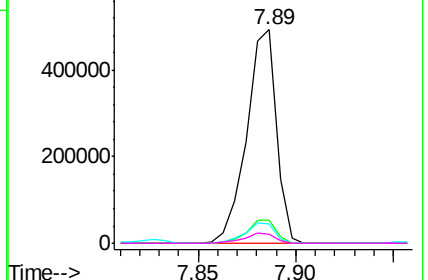
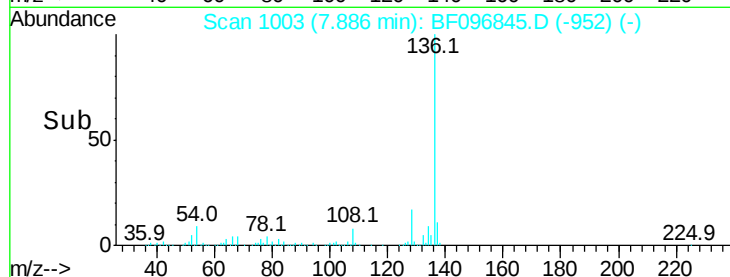


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.160 ng

RT: 7.02 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:105 Resp: 493477

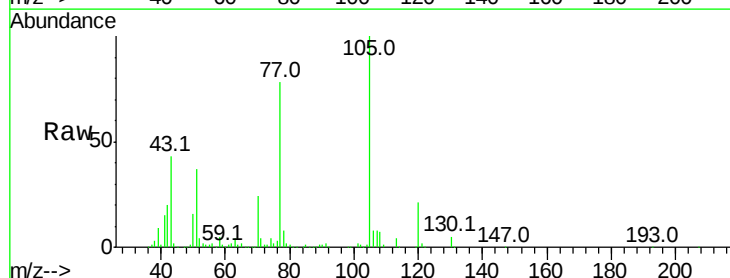
Ion Ratio Lower Upper

105 100

71 4.0 2.8 4.2

51 36.8 30.7 46.1

120 21.5 17.4 26.0

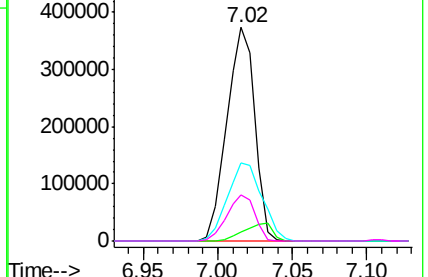
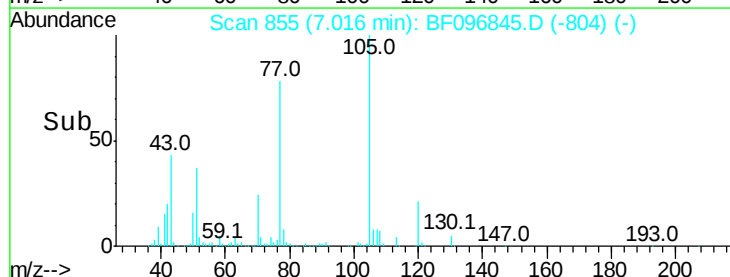


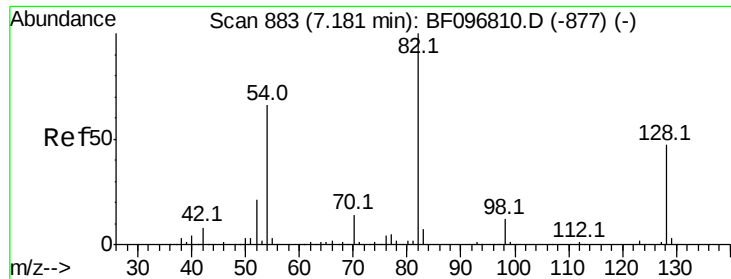
Abundance Ion 105.00 (104.70 to 105.70): E

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

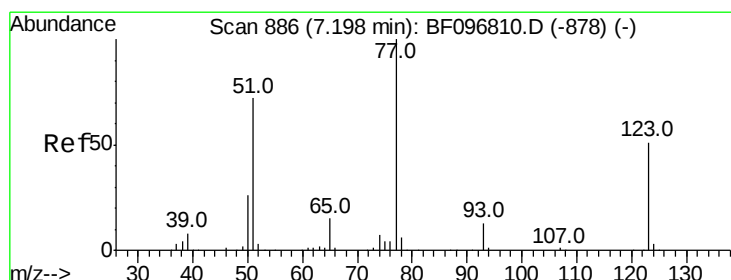
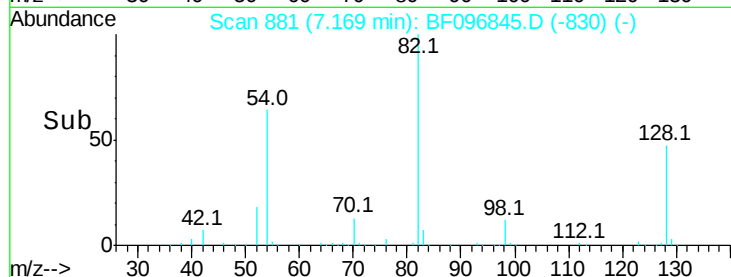
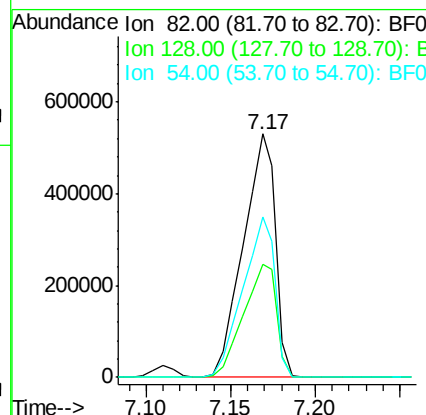
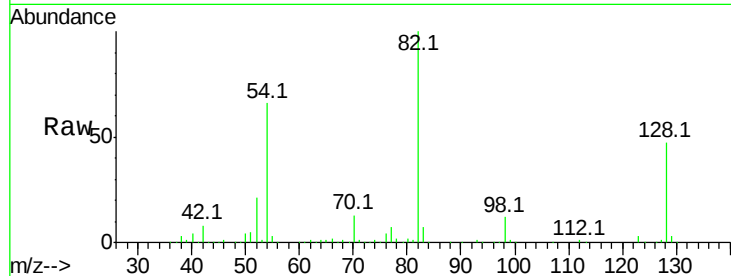




#23
 Nitrobenzene-d5
 Concen: 82.943 ng
 RT: 7.17 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

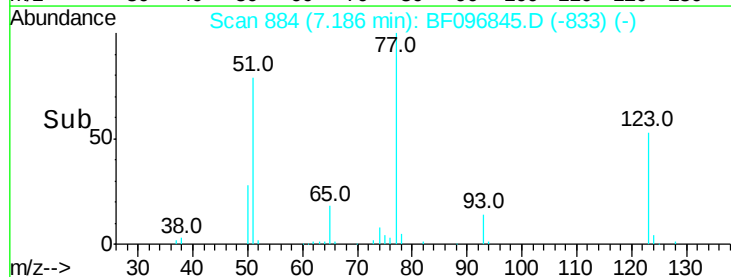
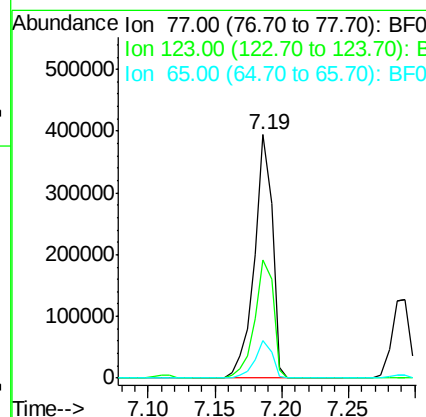
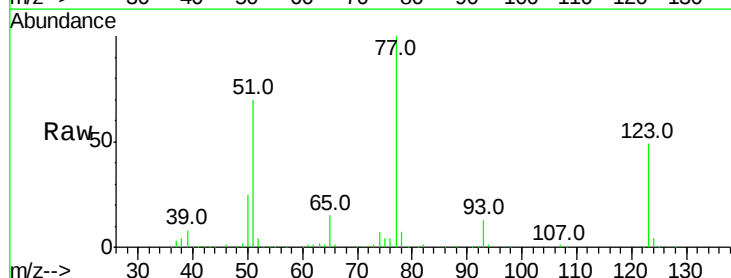
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

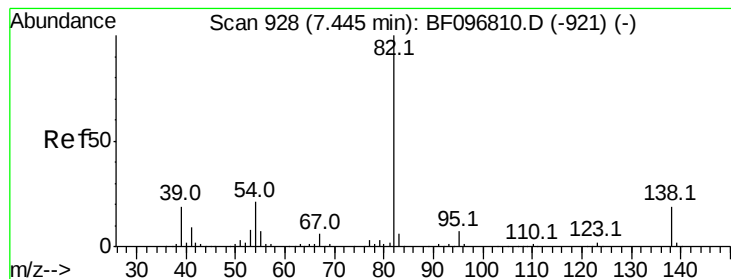
Tot Ion: 82 Resp: 701264
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 65.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.499 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion: 77 Resp: 362880
 Ion Ratio Lower Upper
 77 100
 123 48.6 35.8 53.8
 65 15.4 10.6 15.8





#25

Isophorone

Concen: 42.613 ng

RT: 7.43 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

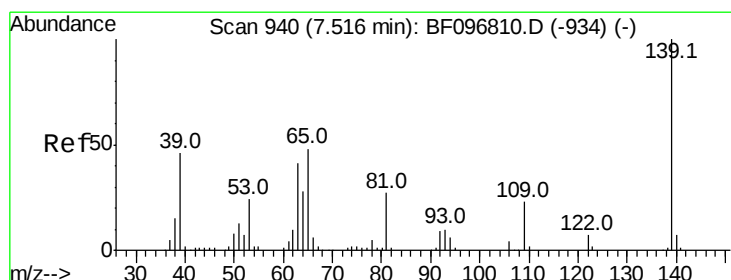
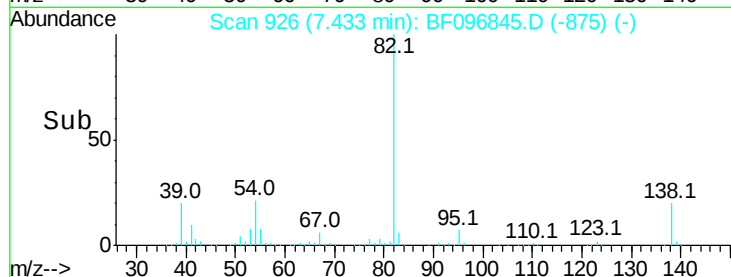
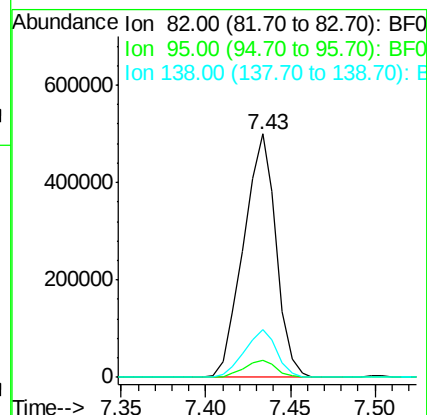
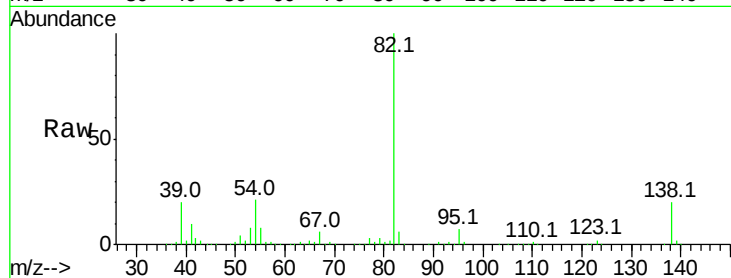
Tot Ion: 82 Resp: 670226

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 42.990 ng

RT: 7.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

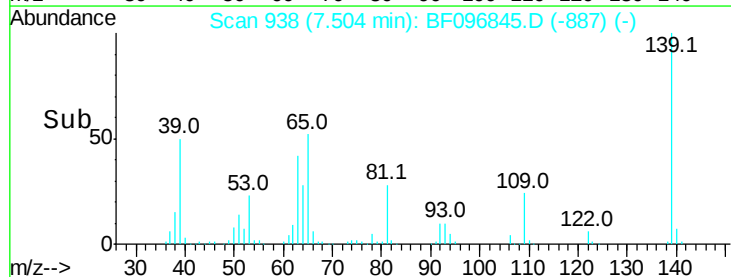
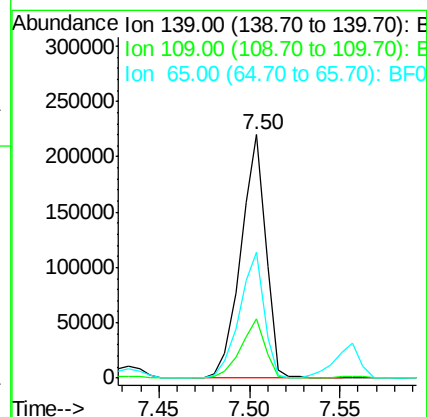
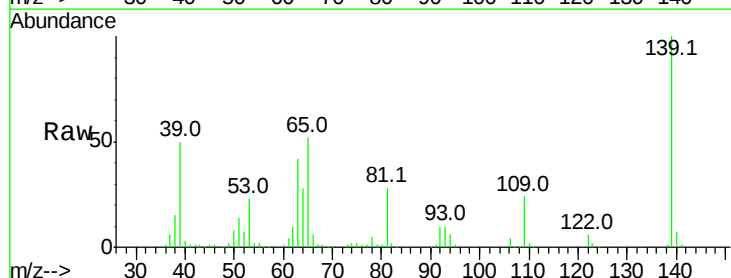
Tgt Ion: 139 Resp: 209025

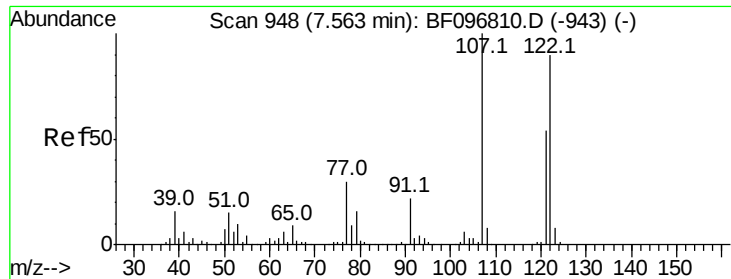
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 51.6 33.0 49.6#

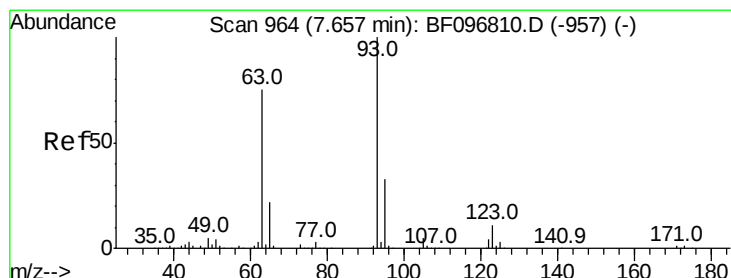
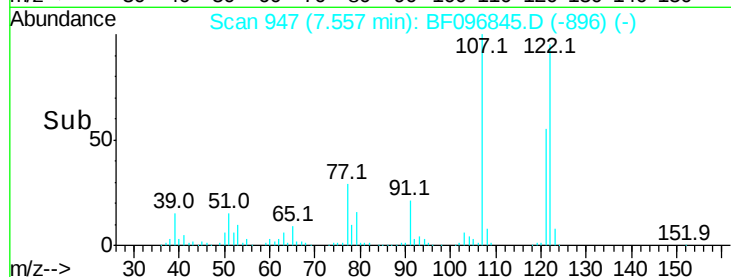
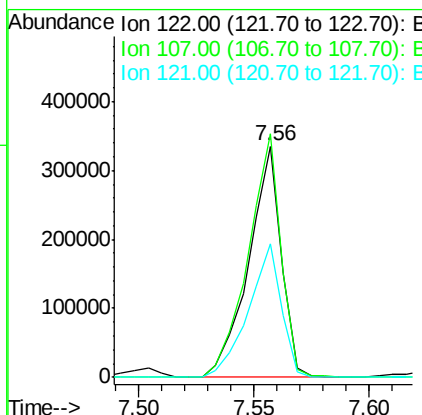
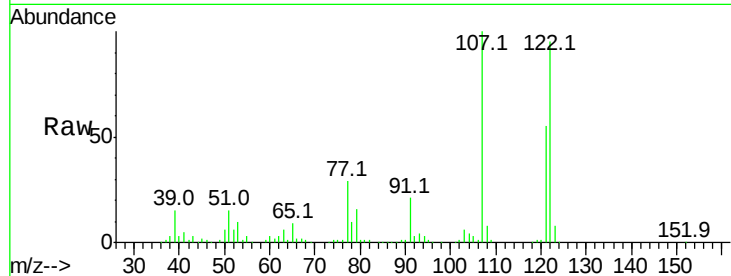




#27
 2,4-Dimethylphenol
 Concen: 41.352 ng
 RT: 7.56 min Scan# 947
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

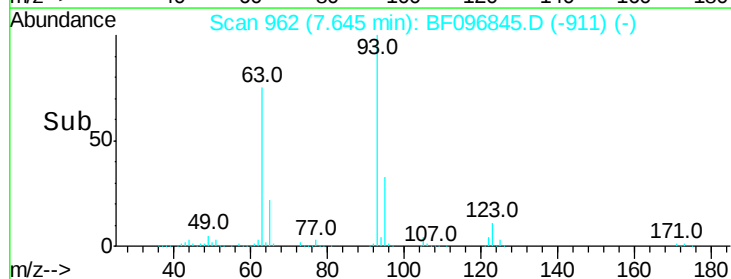
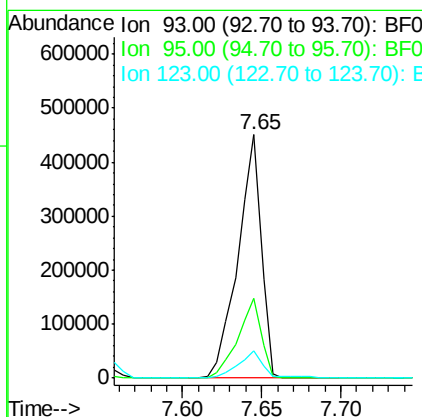
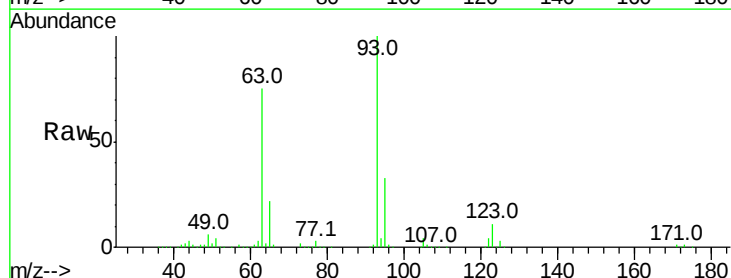
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

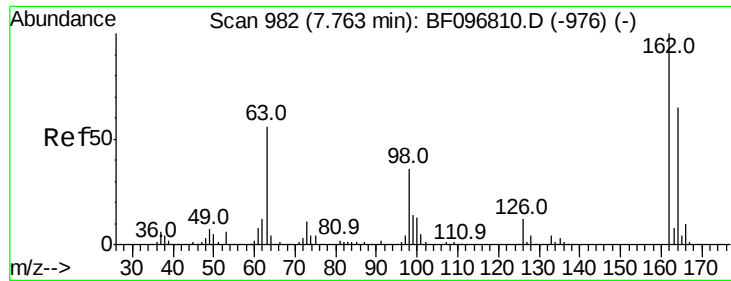
Tot Ion:122 Resp: 330766
 Ion Ratio Lower Upper
 122 100
 107 105.4 89.2 133.8
 121 58.0 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.171 ng
 RT: 7.65 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion: 93 Resp: 458825
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.4 9.0 13.4

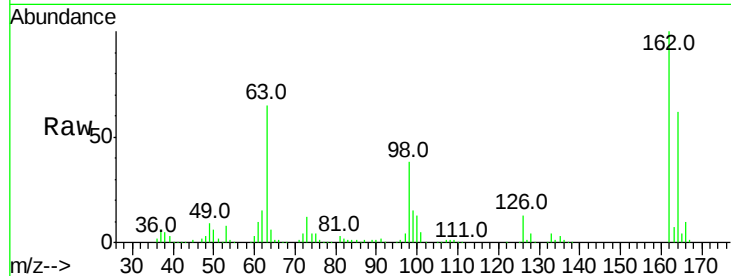




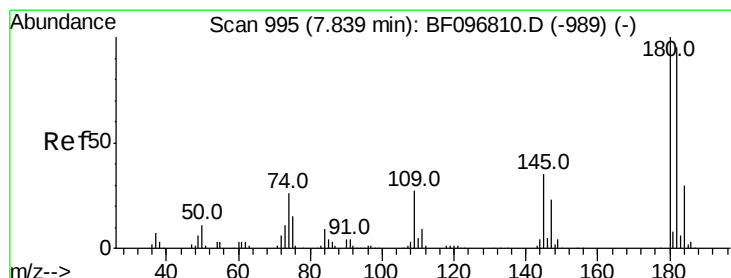
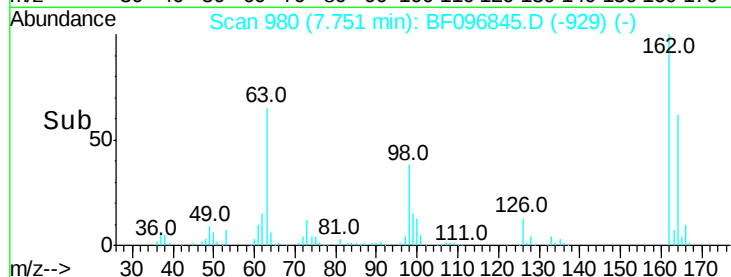
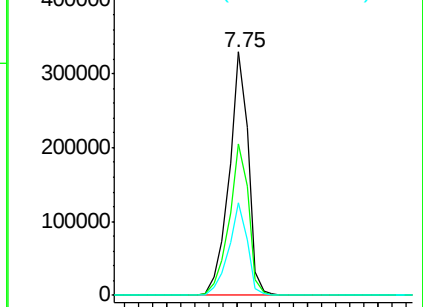
#29
 2,4-Dichlorophenol
 Concen: 43.009 ng
 RT: 7.75 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion:162 Resp: 311404
 Ion Ratio Lower Upper
 162 100
 164 62.5 44.6 84.6
 98 38.1 14.8 54.8

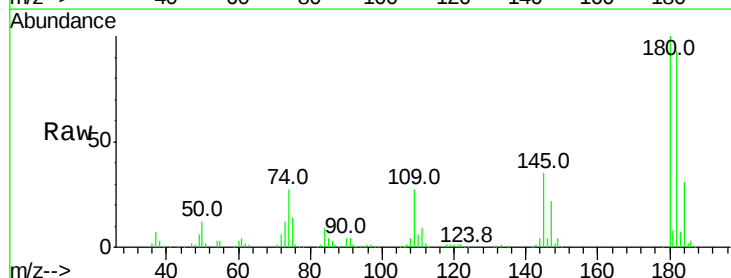


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

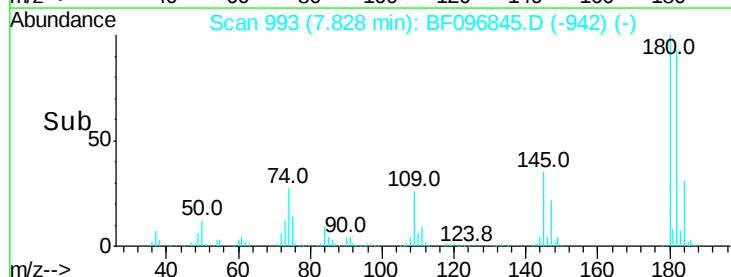
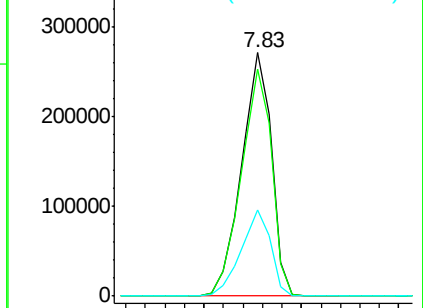


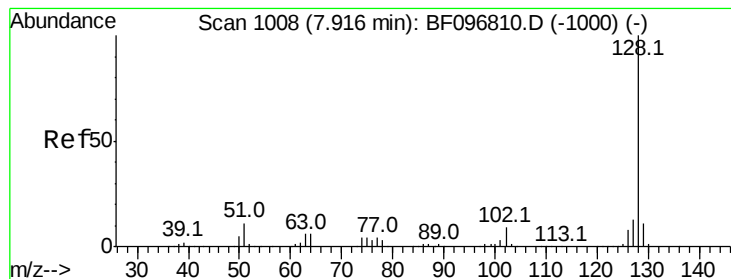
#30
 1,2,4-Trichlorobenzene
 Concen: 41.901 ng
 RT: 7.83 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:180 Resp: 288454
 Ion Ratio Lower Upper
 180 100
 182 93.2 75.8 113.6
 145 35.2 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: 41.907 ng

RT: 7.90 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

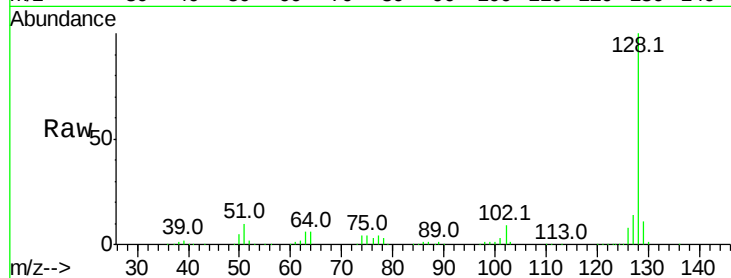
Tot Ion:128 Resp: 1039663

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

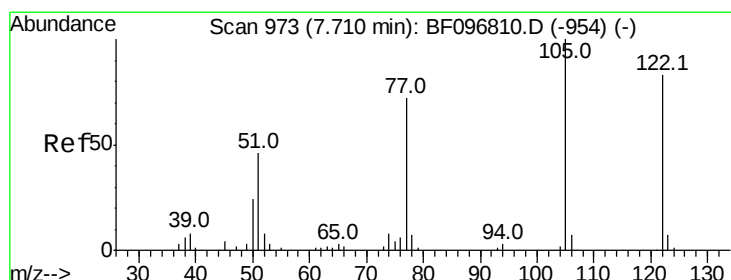
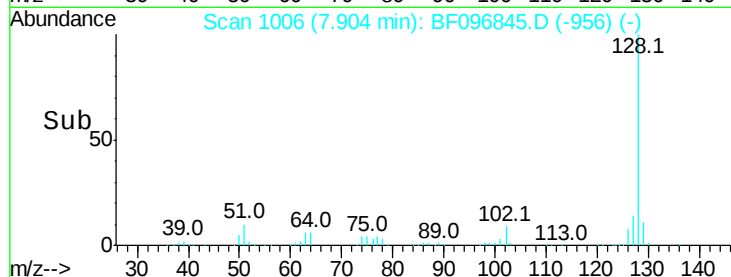
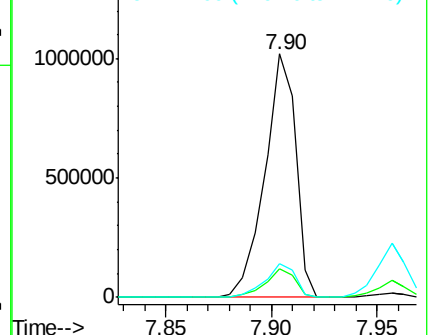
127 13.7 10.8 16.2



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: 17.004 ng

RT: 7.67 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

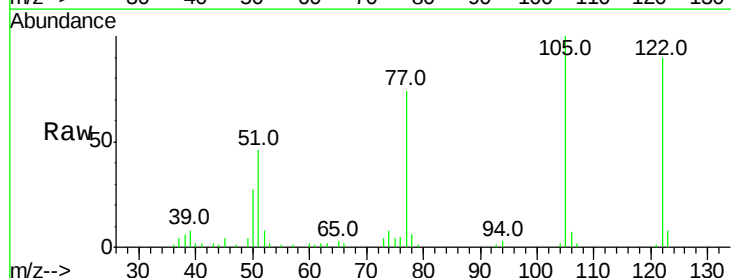
Tgt Ion:122 Resp: 86930

Ion Ratio Lower Upper

122 100

105 111.6 103.3 143.3

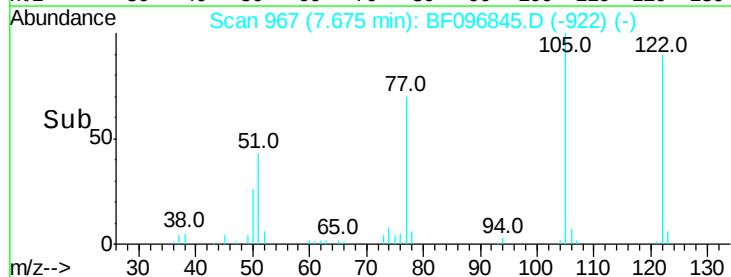
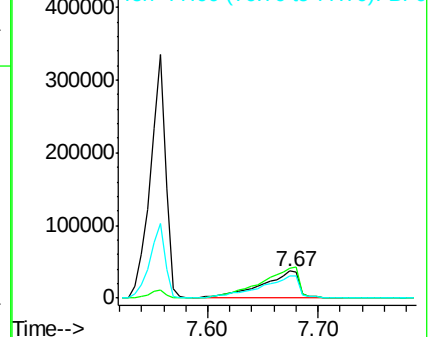
77 82.6 73.7 113.7

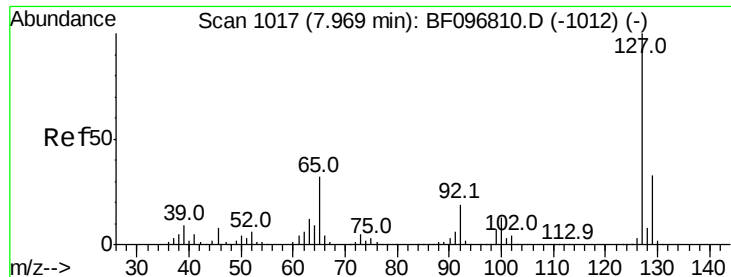


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

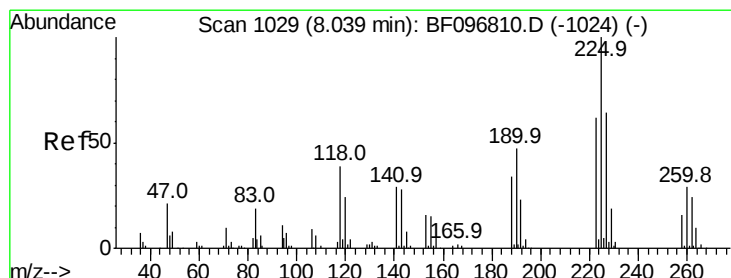
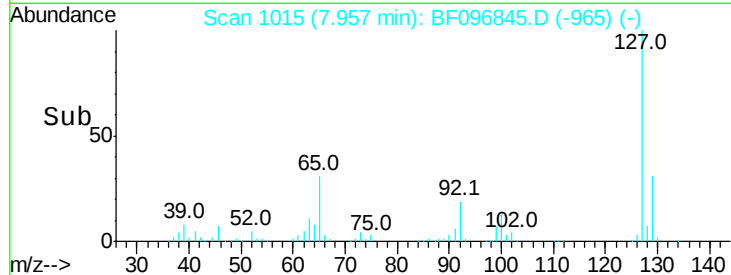
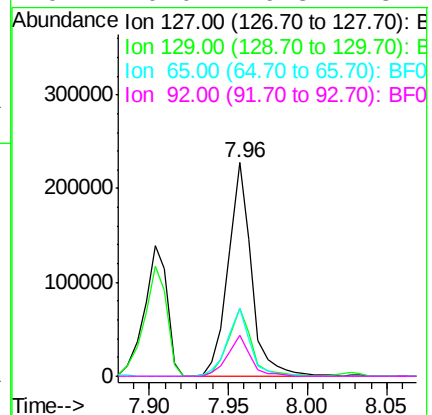
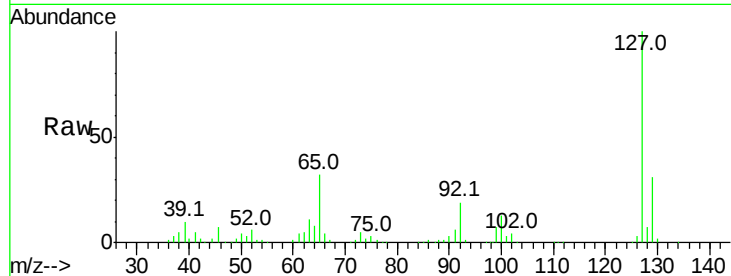




#33
4-Chloroaniline
Concen: 23.525 ng
RT: 7.96 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

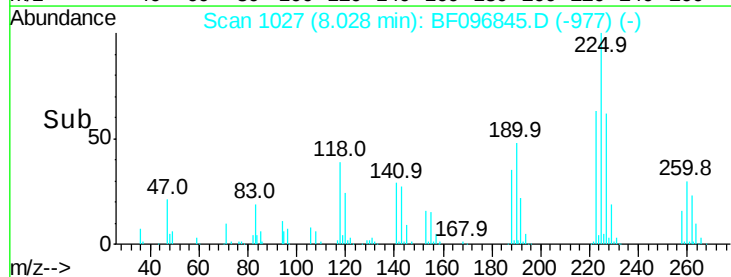
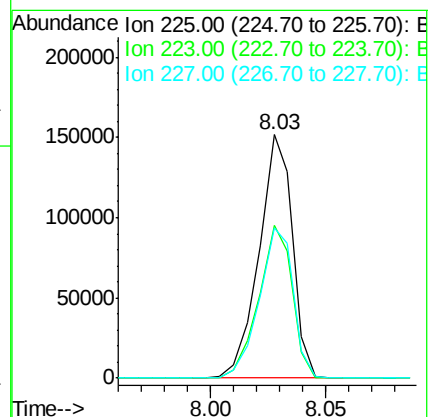
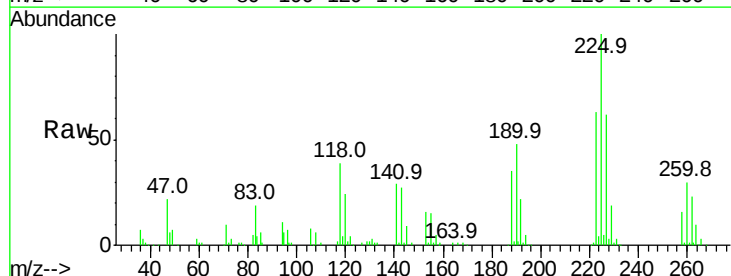
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

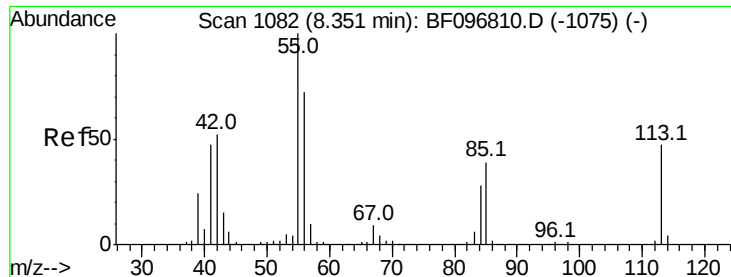
Tot Ion:	127	Resp:	231228
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.2	39.2
65	31.9	27.8	41.8
92	19.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.614 ng
RT: 8.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:	225	Resp:	152934
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	61.8	51.1	76.7





#35

Caprolactam

Concen: 25.600 ng

RT: 8.35 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

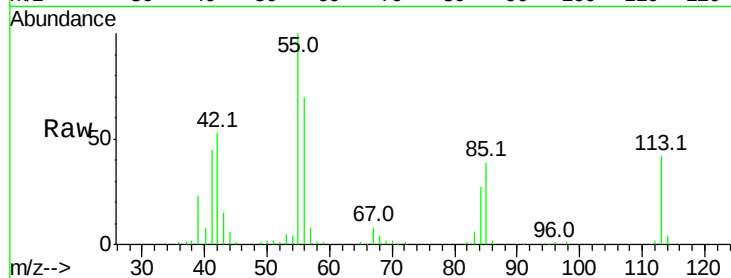
Tot Ion:113 Resp: 59392

Ion Ratio Lower Upper

113 100

55 237.9 150.2 190.2#

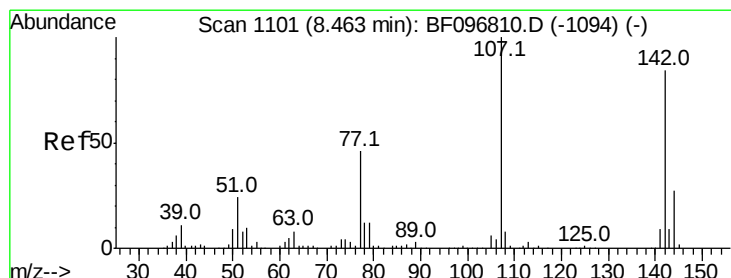
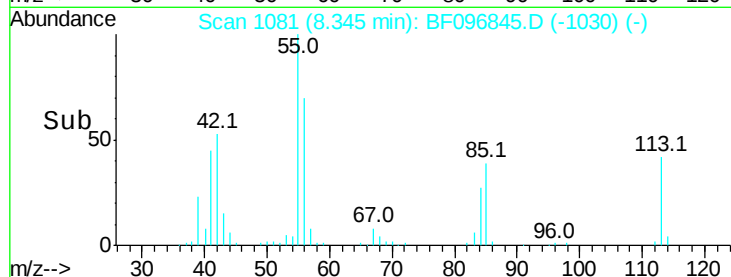
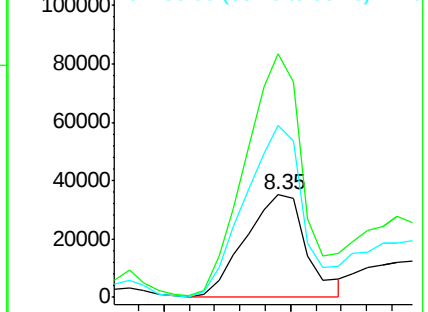
56 167.4 107.8 147.8#



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: 42.722 ng

RT: 8.46 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

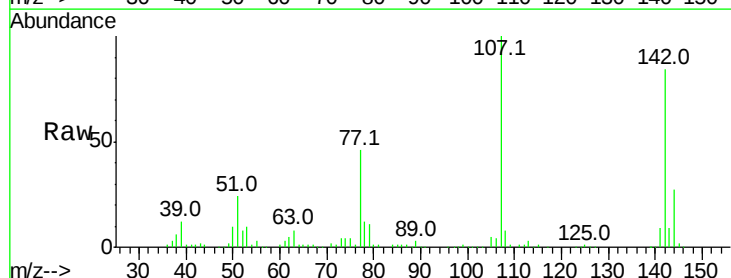
Tgt Ion:107 Resp: 332606

Ion Ratio Lower Upper

107 100

144 26.9 24.2 36.4

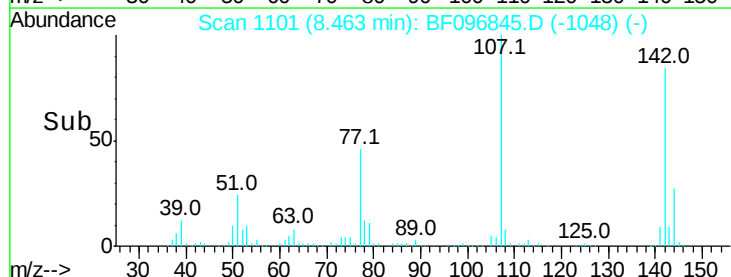
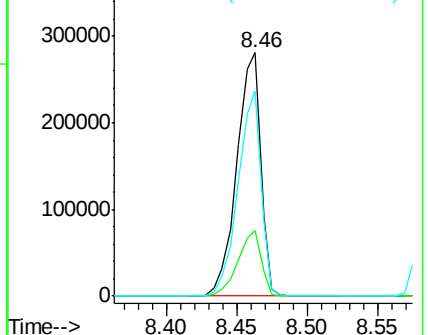
142 84.3 73.4 110.0

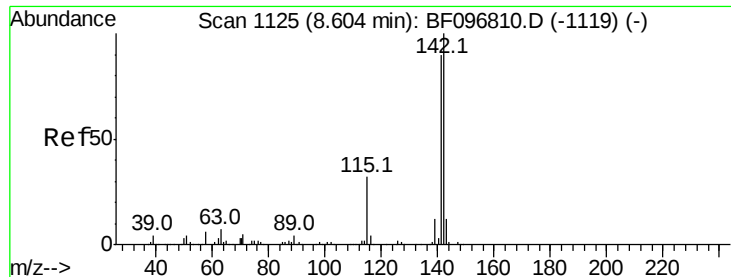


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.016 ng

RT: 8.60 min Scan# 1124

Delta R.T. -0.00 min

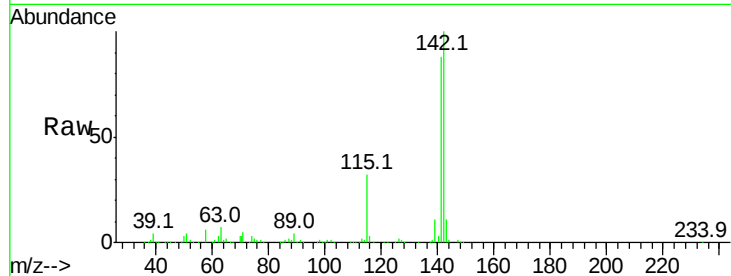
Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion:142 Resp: 727799

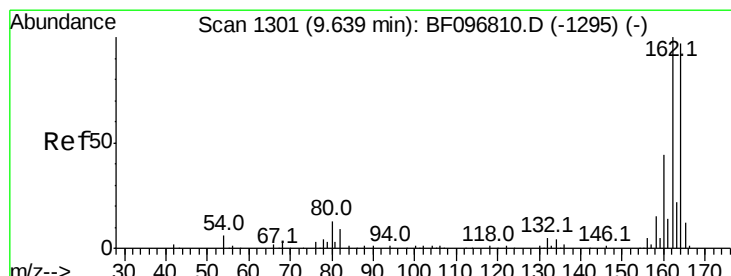
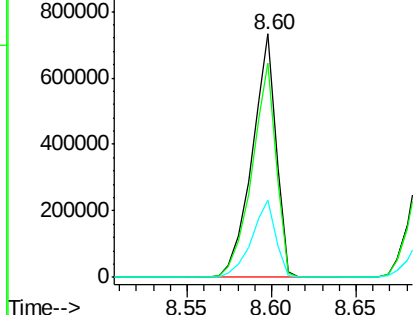
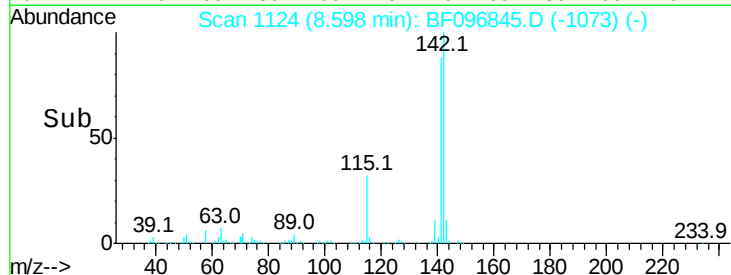
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	31.6	27.1	40.7



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: 20.000 ng

RT: 9.63 min Scan# 1300

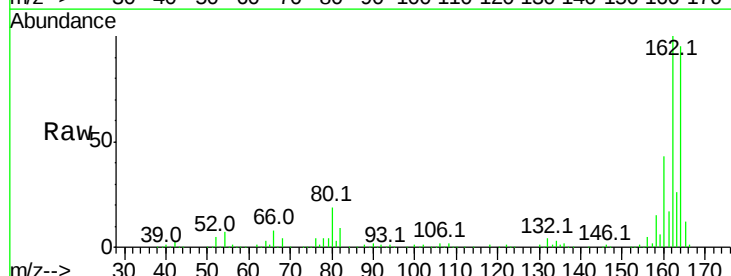
Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:164 Resp: 262187

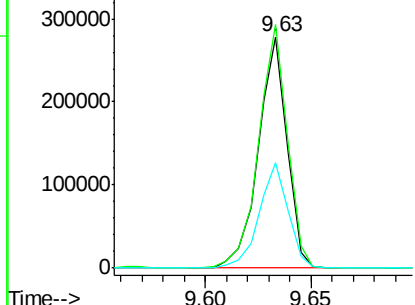
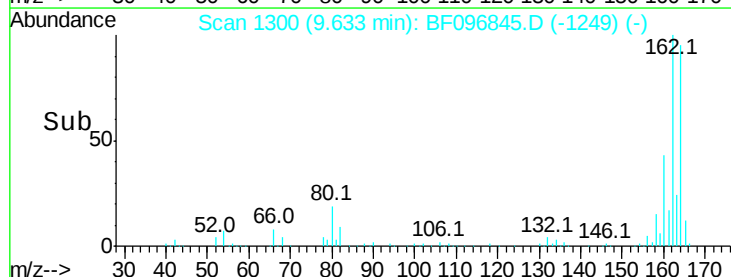
Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.6	123.8
160	45.8	36.2	54.2

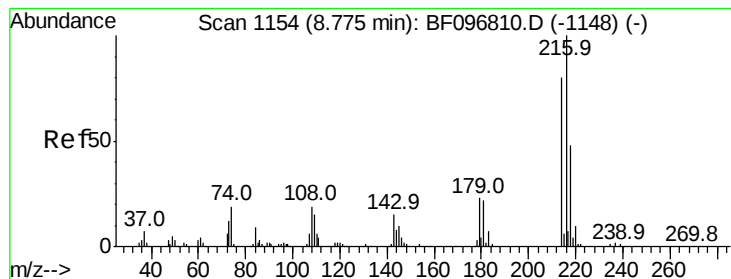


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.386 ng

RT: 8.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

Tot Ion:216 Resp: 250801

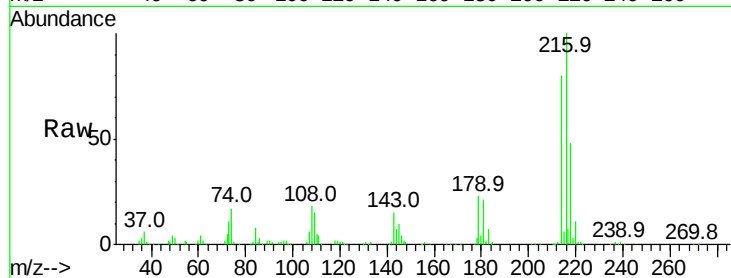
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.2

179 23.2 17.9 26.9

108 22.4 16.5 24.7

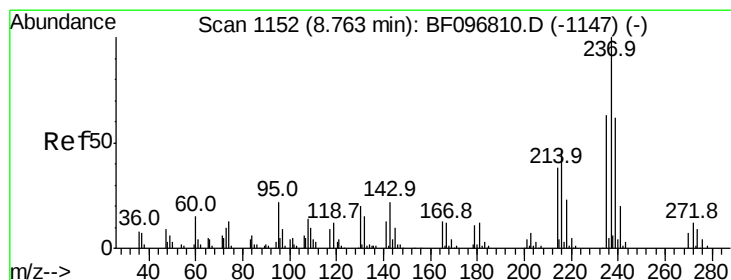
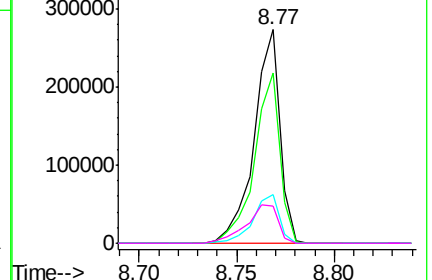
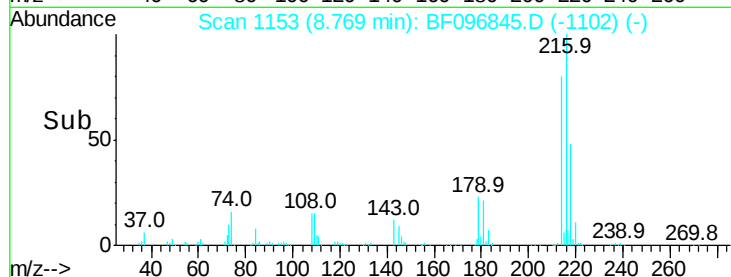


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.211 ng

RT: 8.76 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

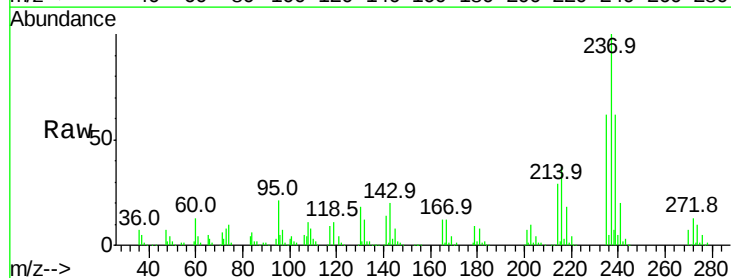
Tgt Ion:237 Resp: 230909

Ion Ratio Lower Upper

237 100

235 61.6 42.6 82.6

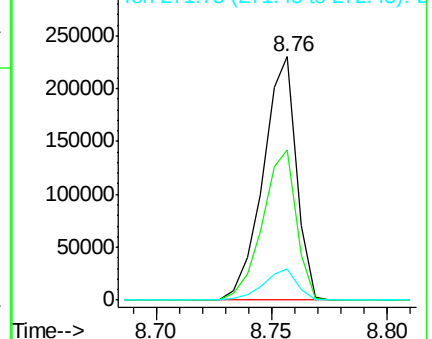
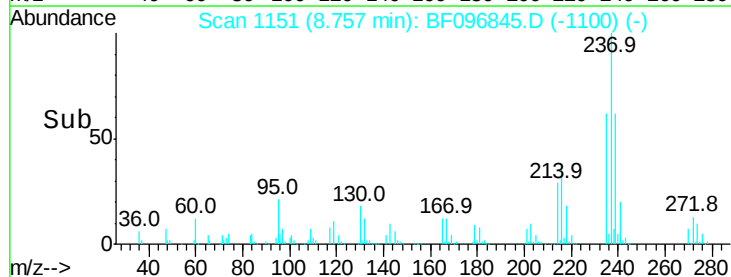
272 12.8 0.0 31.9

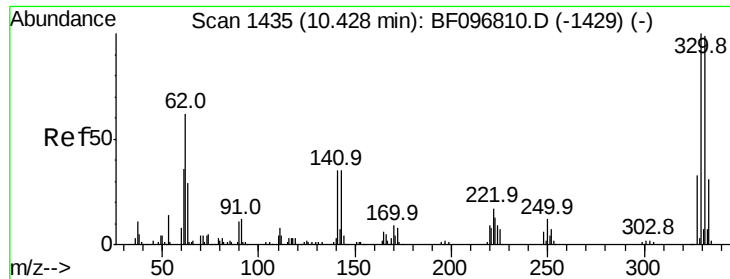


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

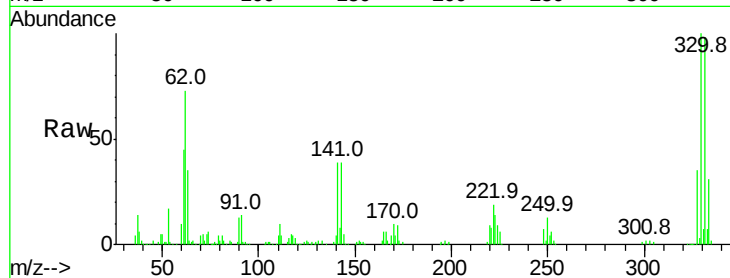




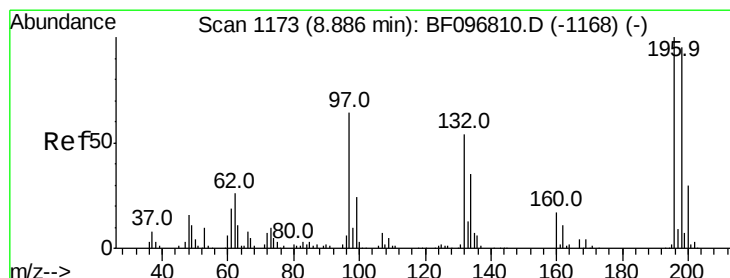
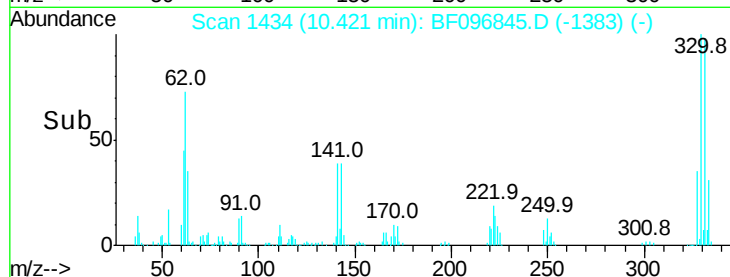
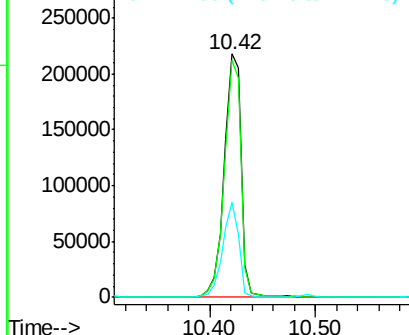
#41
 2,4,6-Tribromophenol
 Concen: 109.820 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion:330 Resp: 245776
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 37.2 31.4 47.2

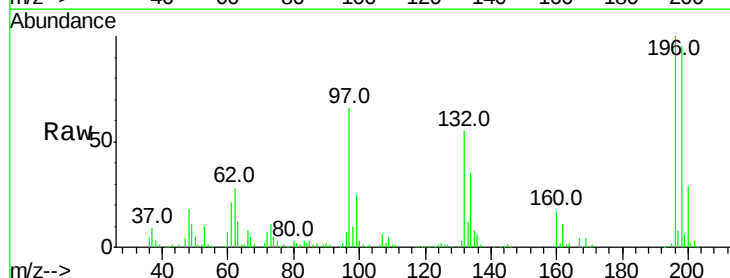


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

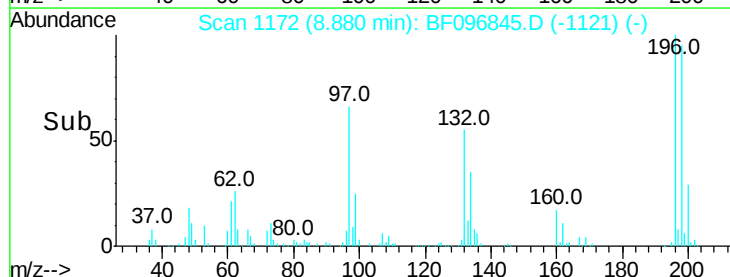
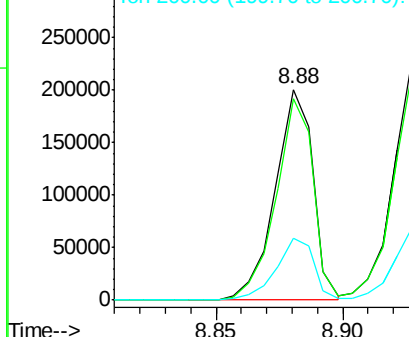


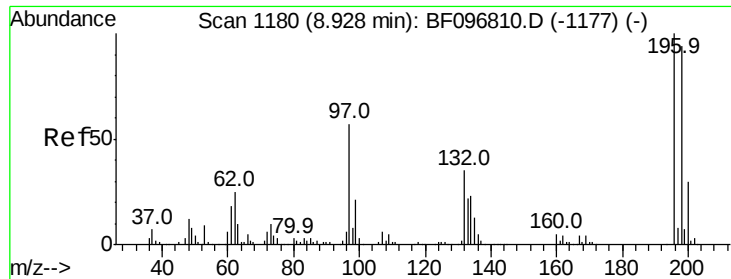
#42
 2,4,6-Trichlorophenol
 Concen: 39.520 ng
 RT: 8.88 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:196 Resp: 206608
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 29.2 24.0 36.0



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

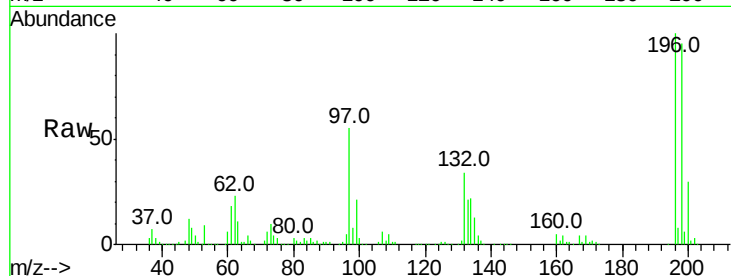




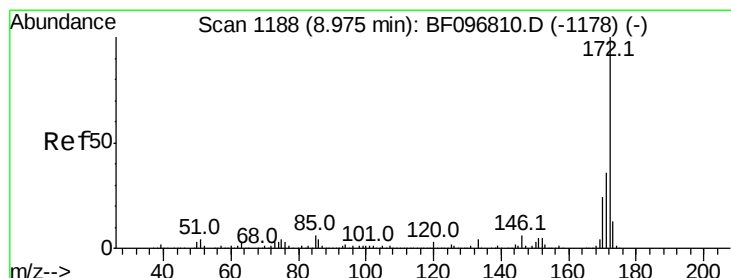
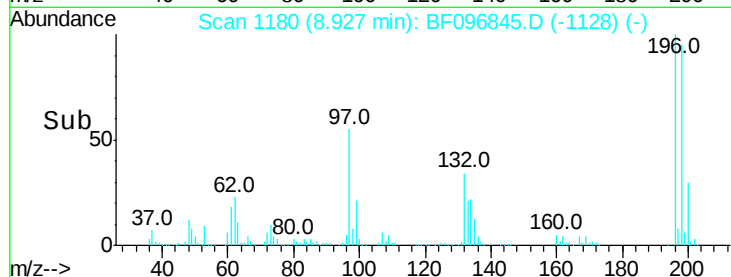
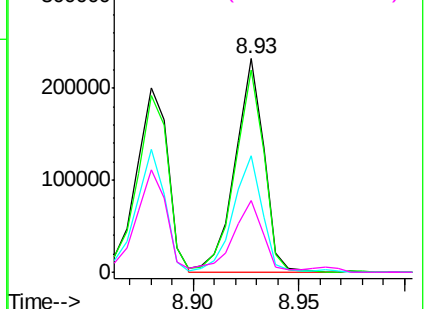
#43
 2,4,5-Trichlorophenol
 Concen: 41.211 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion:196 Resp: 217287
 Ion Ratio Lower Upper
 196 100
 198 95.0 75.7 113.5
 97 54.8 47.7 71.5
 132 33.7 28.0 42.0

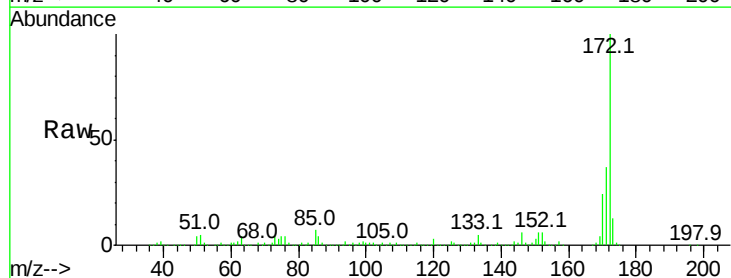


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

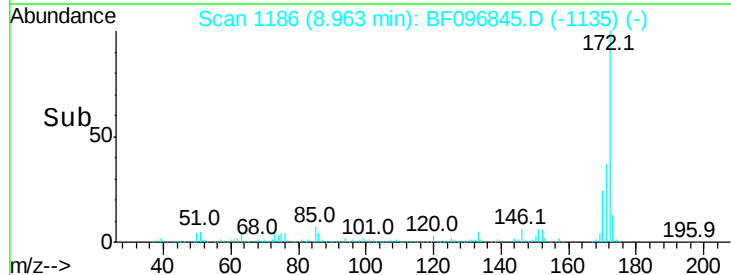
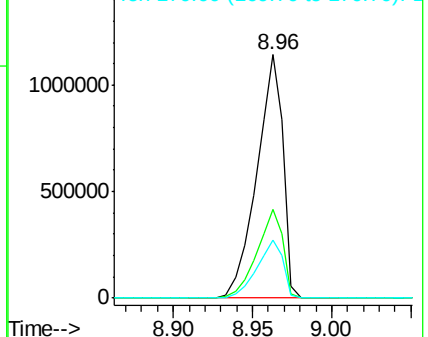


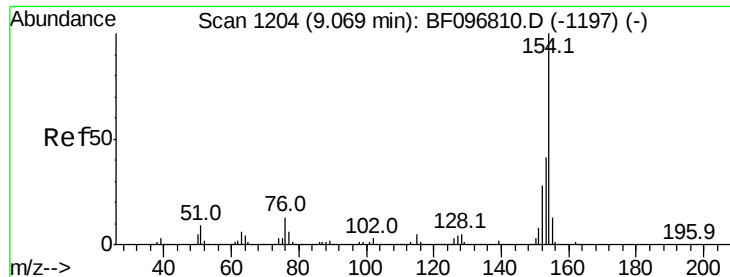
#44
 2-Fluorobiphenyl
 Concen: 79.189 ng
 RT: 8.96 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:172 Resp: 1314144
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 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: 38.464 ng

RT: 9.06 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

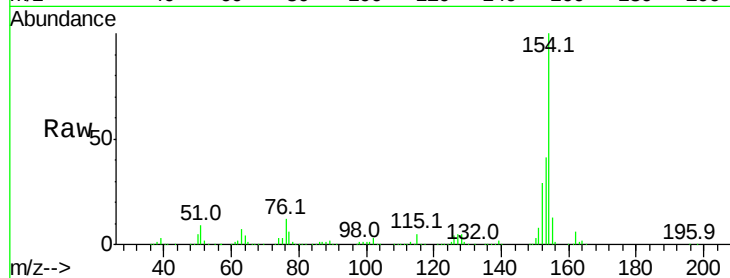
Tot Ion:154 Resp: 864906

Ion Ratio Lower Upper

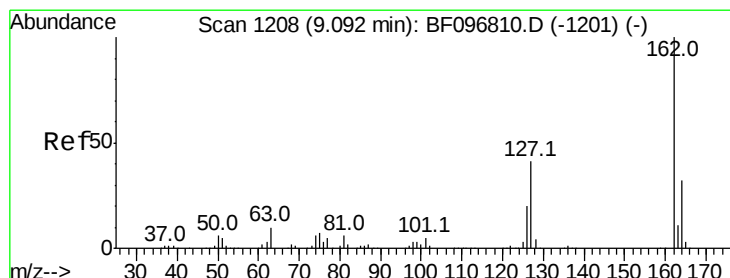
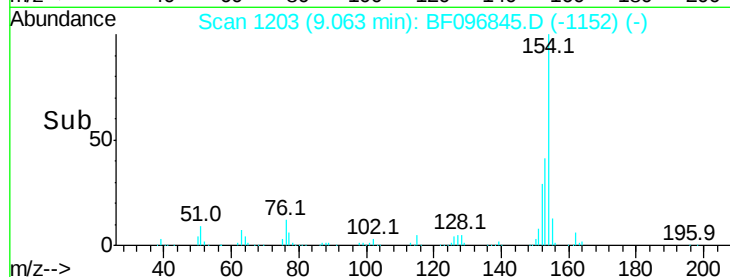
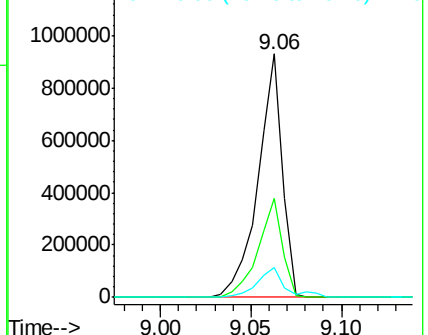
154 100

153 40.7 21.2 61.2

76 12.2 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: 40.732 ng

RT: 9.09 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

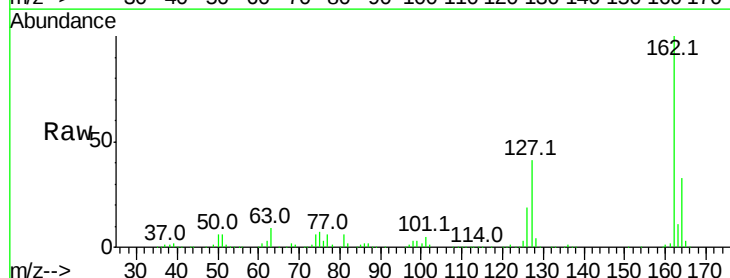
Tgt Ion:162 Resp: 674429

Ion Ratio Lower Upper

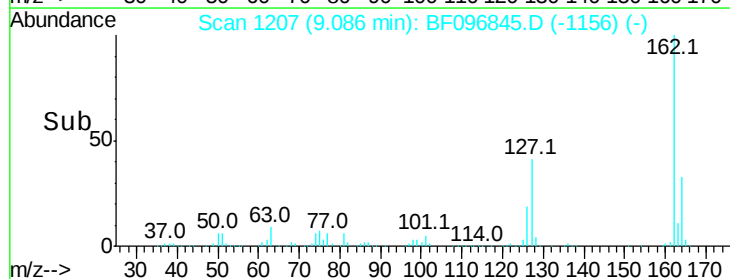
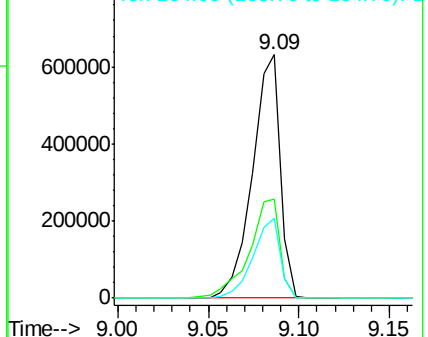
162 100

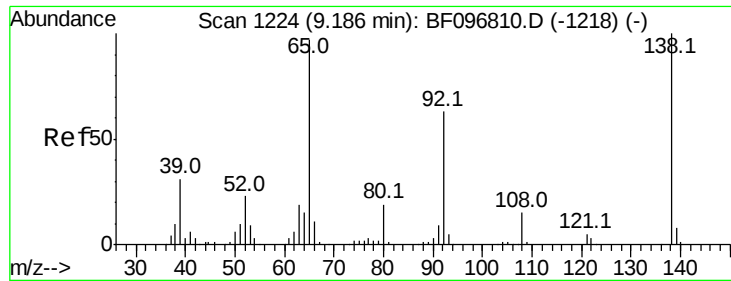
127 40.6 28.3 42.5

164 32.6 27.0 40.4



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

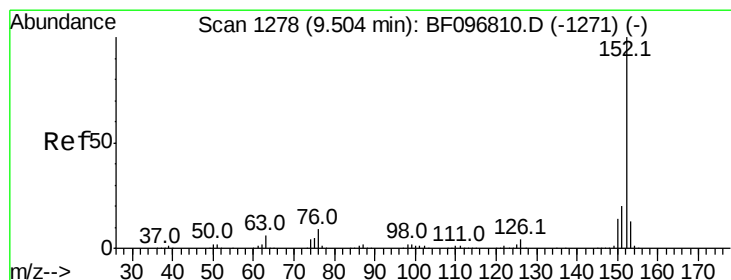
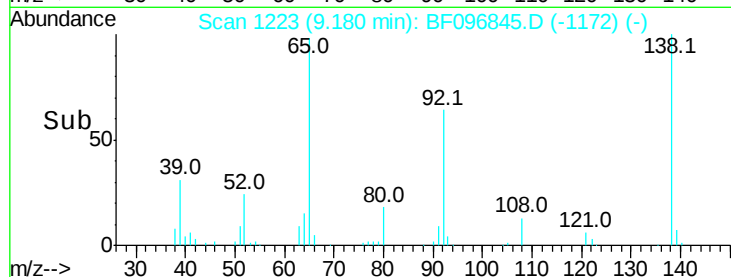
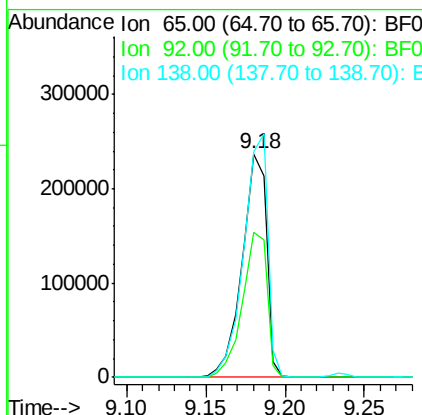
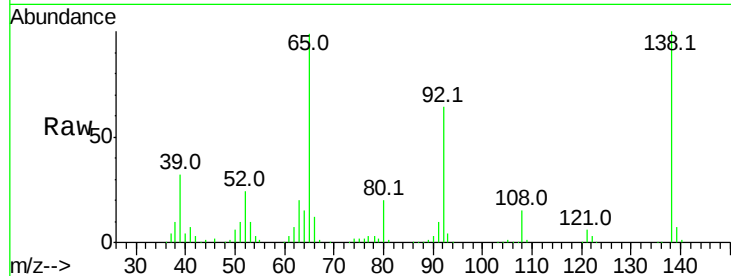




#47
 2-Nitroaniline
 Concen: 44.415 ng
 RT: 9.18 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

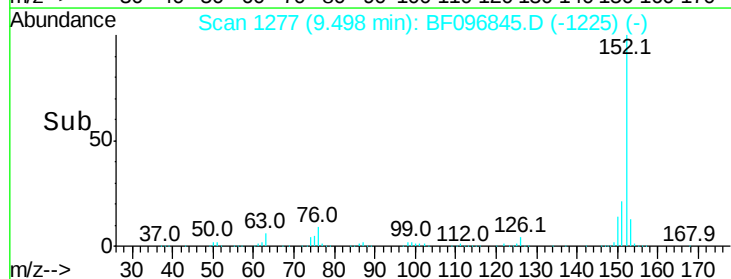
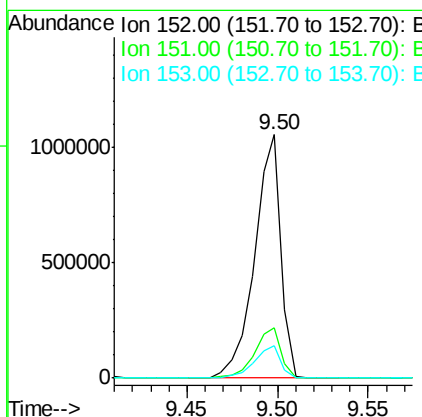
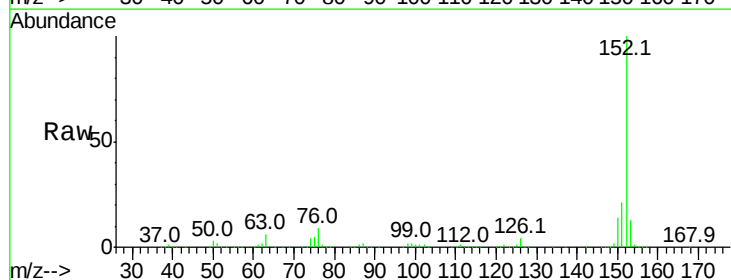
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

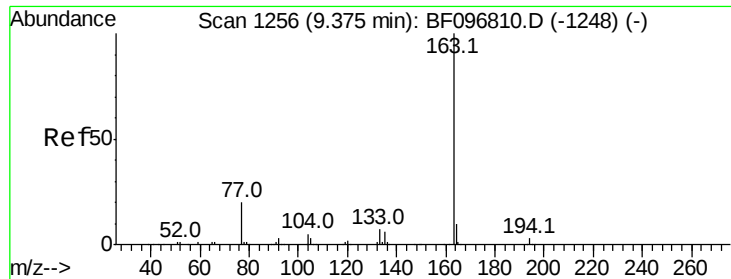
Tot Ion: 65 Resp: 252789
 Ion Ratio Lower Upper
 65 100
 92 65.0 53.9 80.9
 138 101.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.105 ng
 RT: 9.50 min Scan# 1277
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion: 152 Resp: 1058050
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 13.1 10.8 16.2

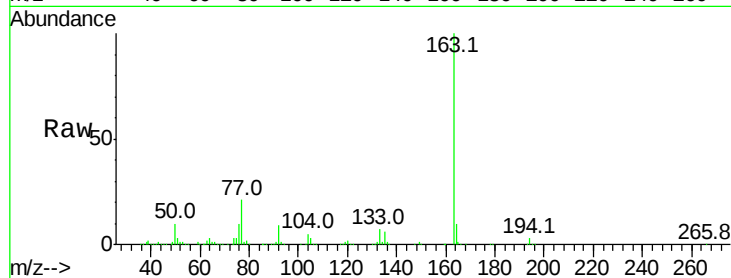




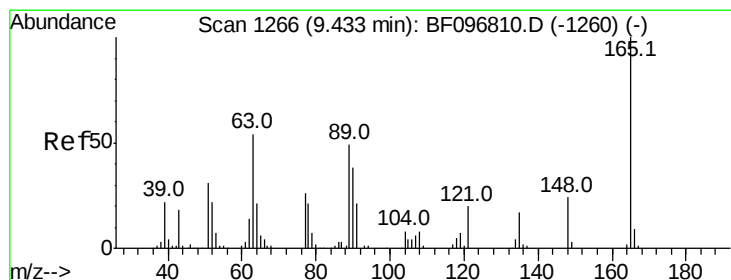
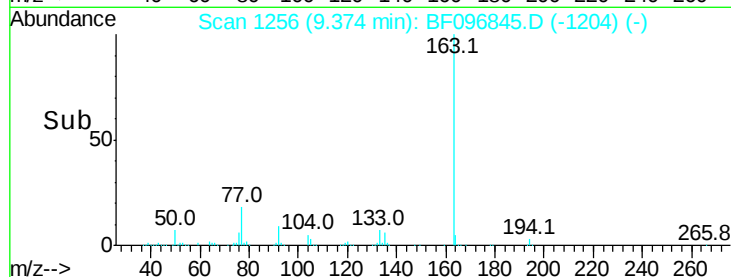
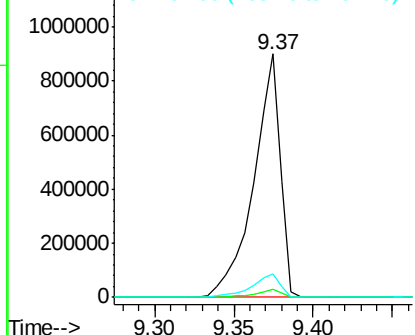
#49
Dimethylphthalate
Concen: 53.314 ng
RT: 9.37 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion:163 Resp: 1052520
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6

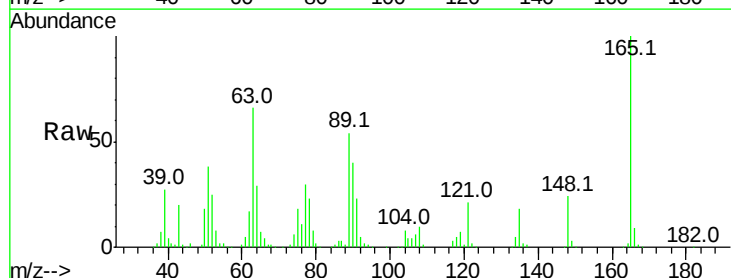


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

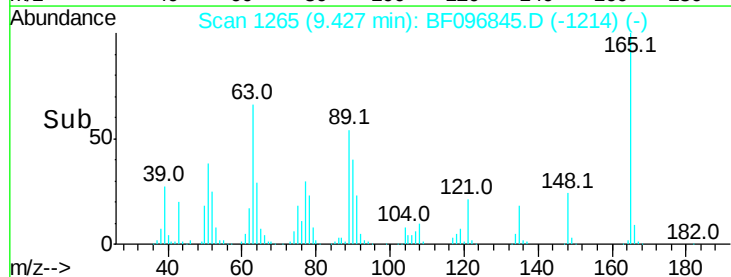
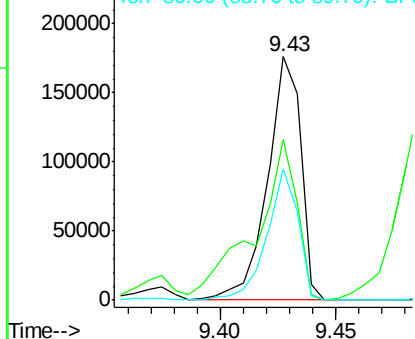


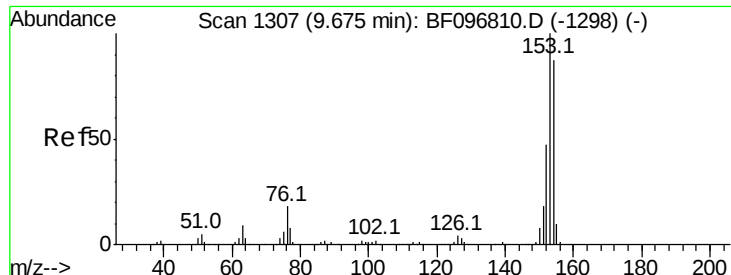
#50
2,6-Dinitrotoluene
Concen: 41.159 ng
RT: 9.43 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:165 Resp: 176000
Ion Ratio Lower Upper
165 100
63 65.9 34.3 51.5#
89 53.9 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: 38.759 ng

RT: 9.67 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

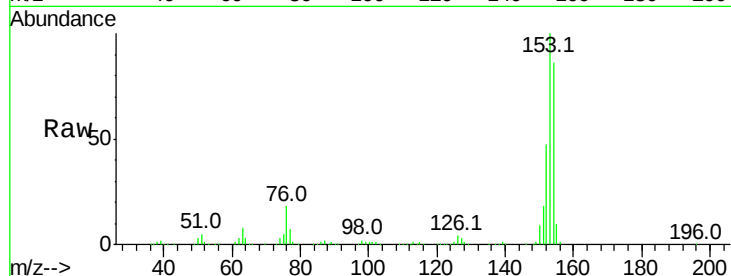
Tot Ion:154 Resp: 604050

Ion Ratio Lower Upper

154 100

153 115.6 90.5 135.7

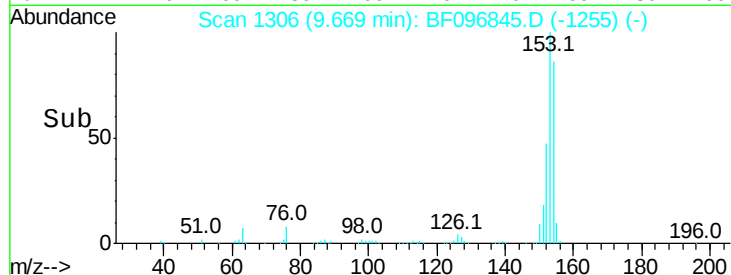
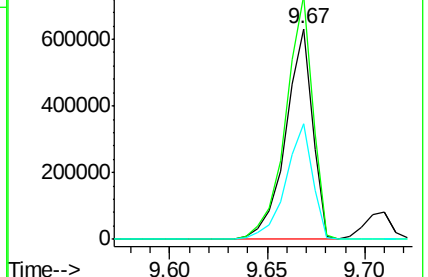
152 54.7 43.6 65.4



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: 28.688 ng

RT: 9.59 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

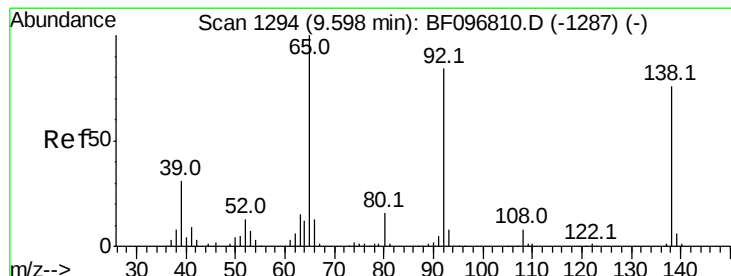
Tgt Ion:138 Resp: 145324

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

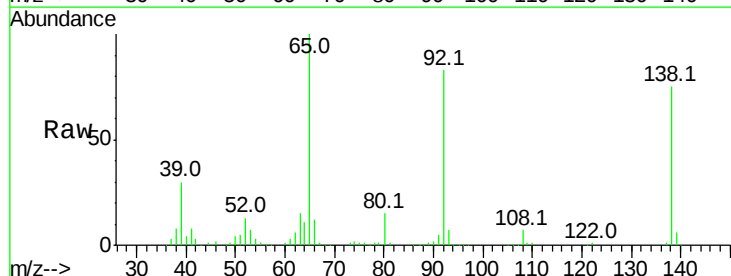
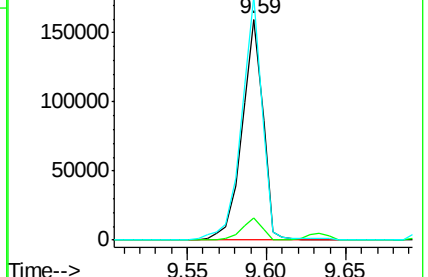
92 110.3 93.8 140.6

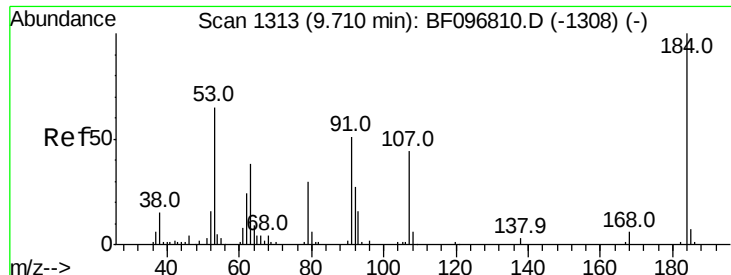


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

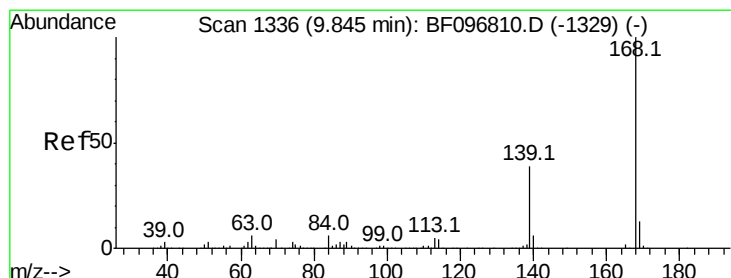
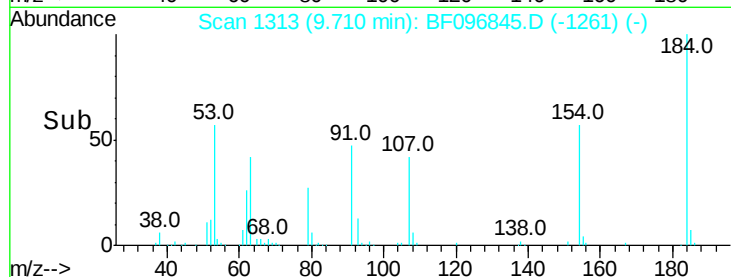
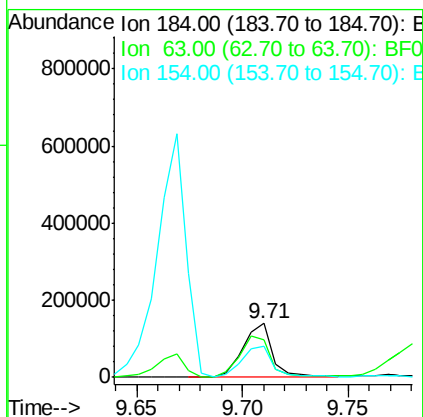
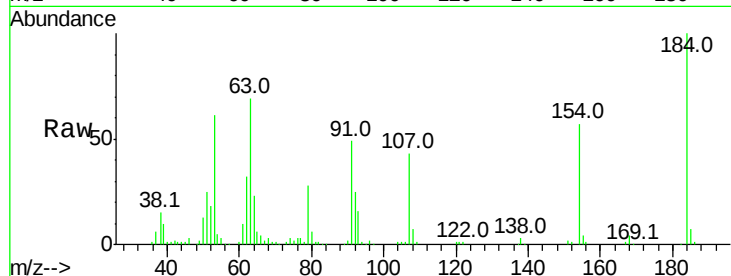




#53
 2,4-Dinitrophenol
 Concen: 66.519 ng
 RT: 9.71 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

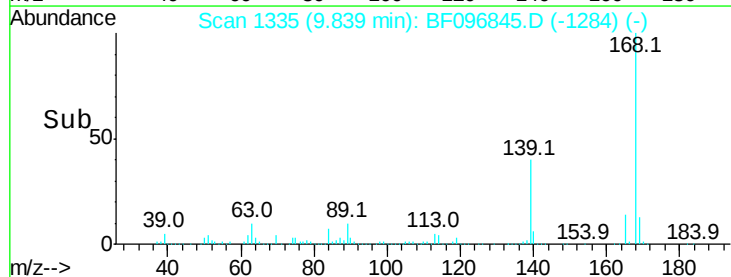
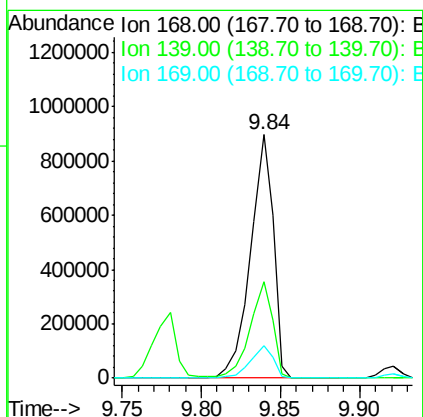
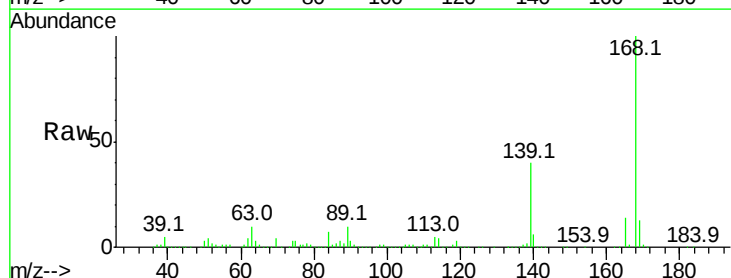
Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

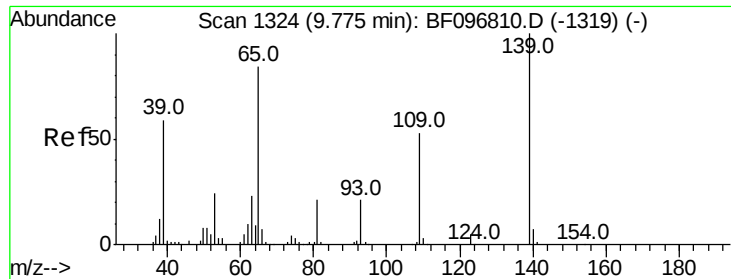
Tot Ion:184 Resp: 138212
 Ion Ratio Lower Upper
 184 100
 63 69.2 62.7 94.1
 154 57.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.976 ng
 RT: 9.84 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:168 Resp: 894894
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.6 45.8
 169 13.2 10.8 16.2

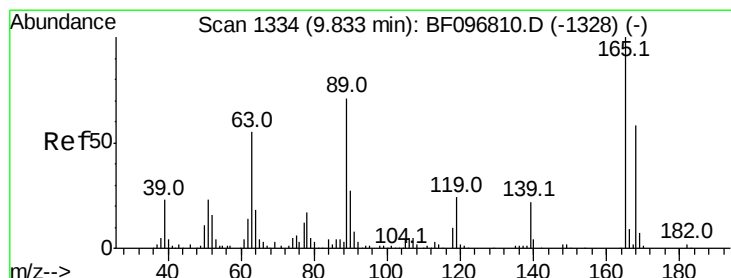
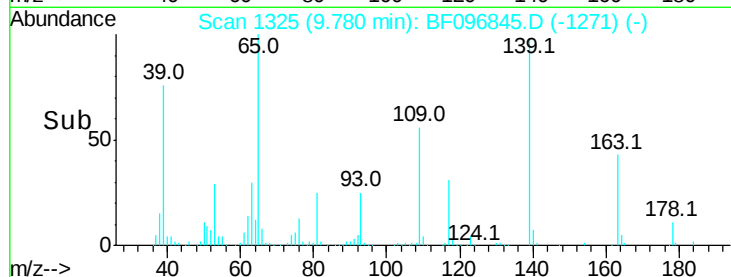
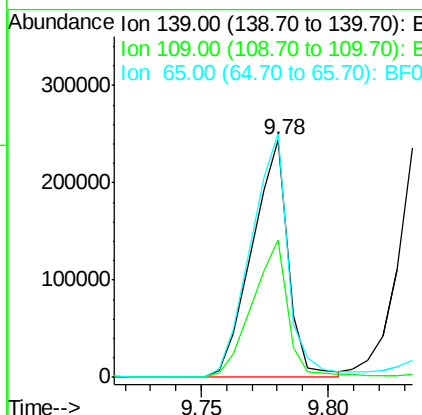
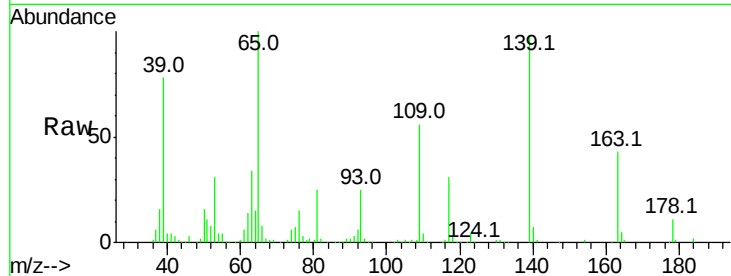




#55
4-Nitrophenol
Concen: 66.168 ng
RT: 9.78 min Scan# 1325
Delta R.T. 0.02 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

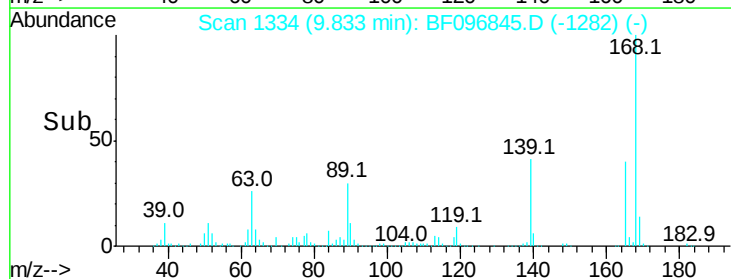
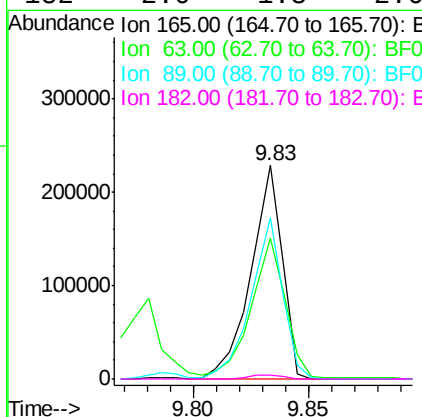
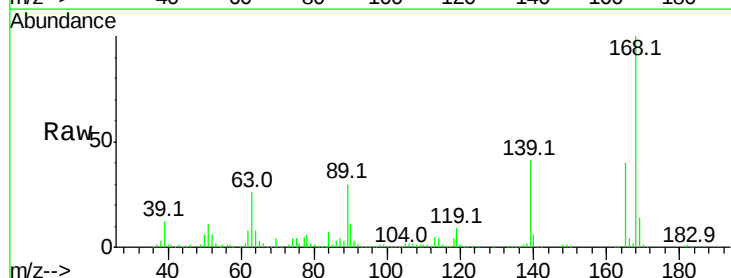
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

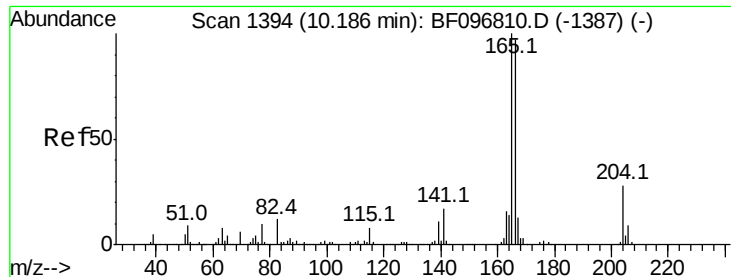
Tot Ion:139 Resp: 244877
Ion Ratio Lower Upper
139 100
109 57.7 34.1 74.1
65 102.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.753 ng
RT: 9.83 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:165 Resp: 218433
Ion Ratio Lower Upper
165 100
63 65.7 25.4 38.0#
89 75.5 46.4 69.6#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 41.022 ng

RT: 10.18 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

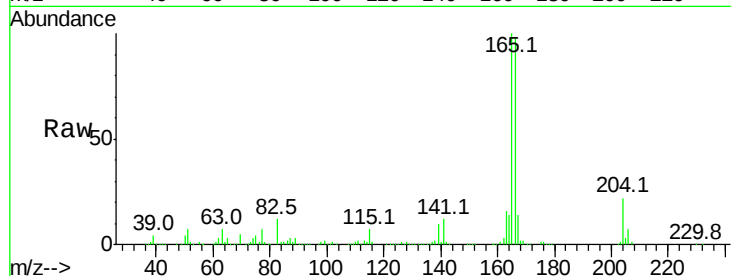
Tot Ion:166 Resp: 662036

Ion Ratio Lower Upper

166 100

165 101.8 78.8 118.2

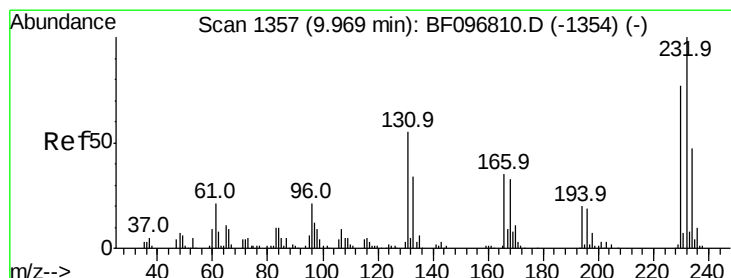
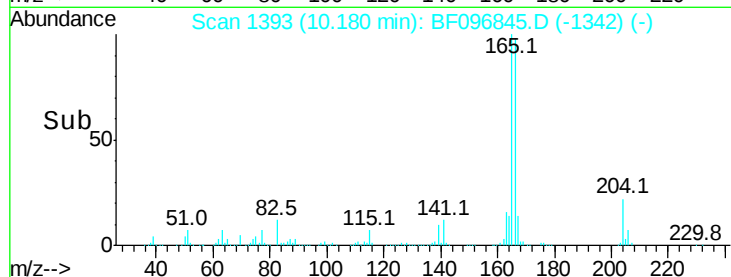
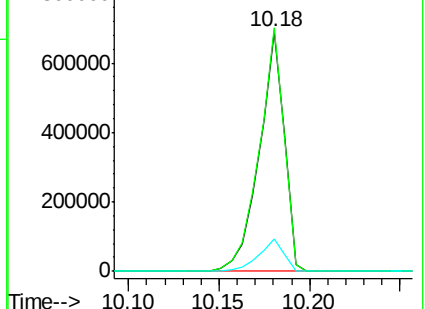
167 13.8 10.6 16.0



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: 44.759 ng

RT: 9.96 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion:232 Resp: 163669

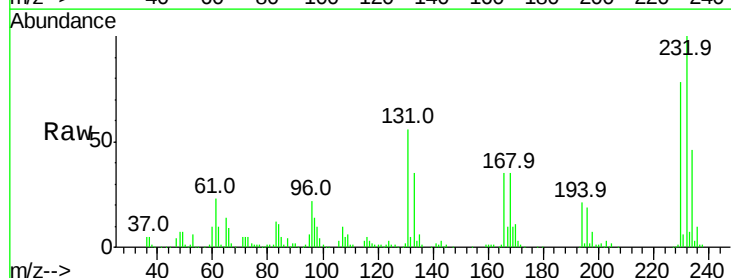
Ion Ratio Lower Upper

232 100

131 55.0 44.8 67.2

130 2.4 2.3 3.5

166 34.3 29.0 43.4

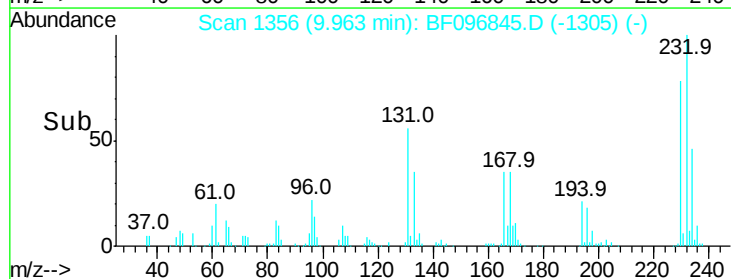
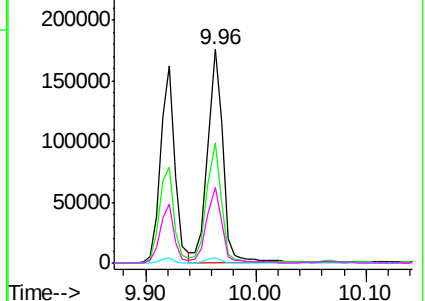


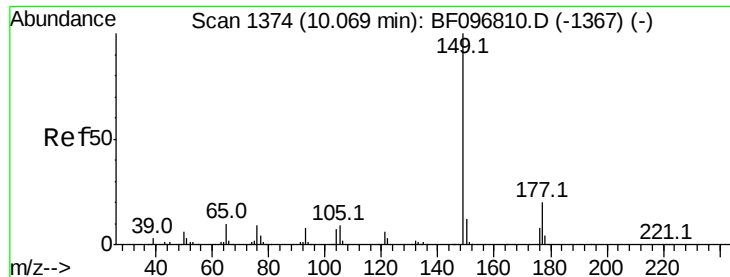
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

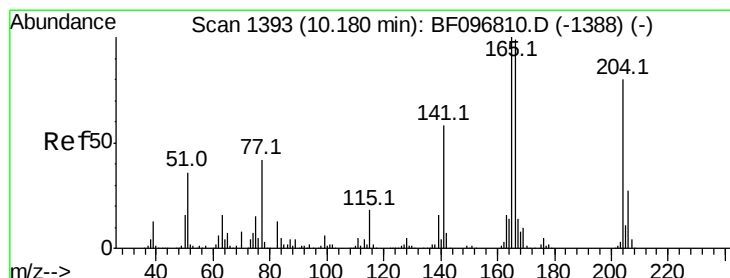
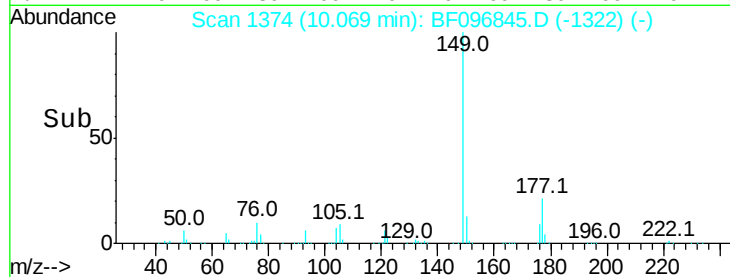
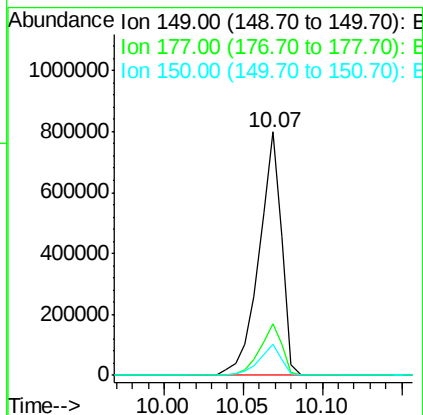
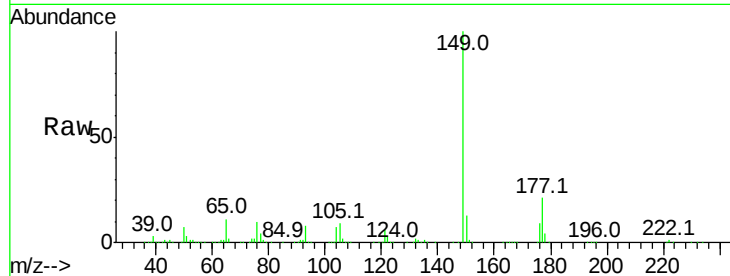




#59
Diethylphthalate
Concen: 41.192 ng
RT: 10.07 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

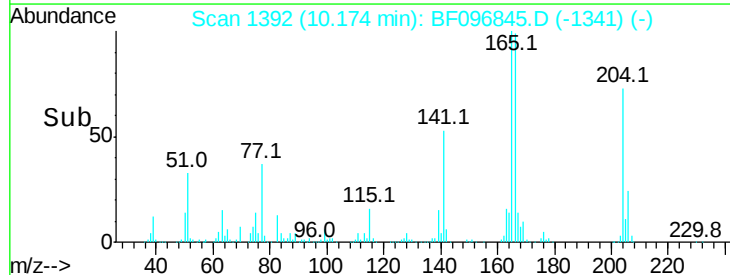
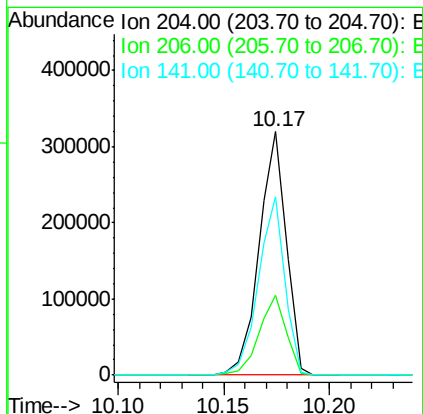
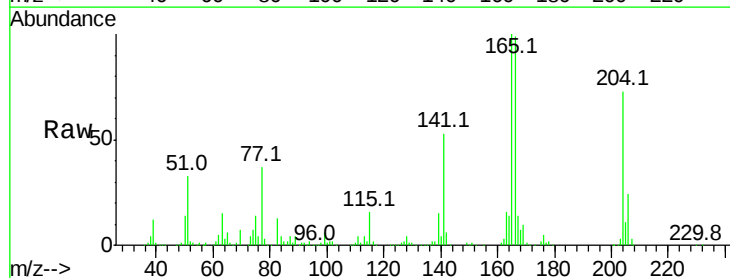
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

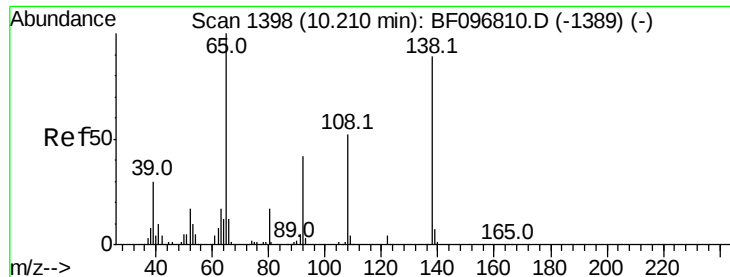
Tot Ion:149 Resp: 791665
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.000 ng
RT: 10.17 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:204 Resp: 285810
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 73.1 60.8 91.2





#61

4-Nitroaniline

Concen: 45.088 ng

RT: 10.21 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

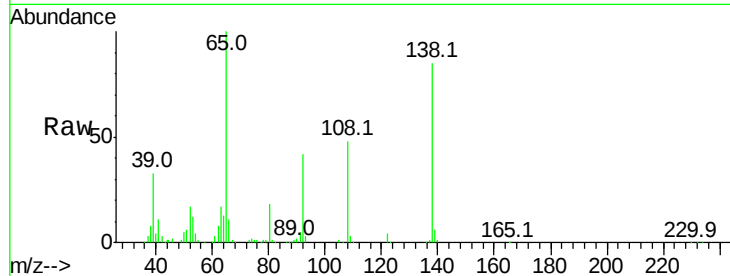
Tot Ion:138 Resp: 214479

Ion Ratio Lower Upper

138 100

92 49.9 21.8 61.8

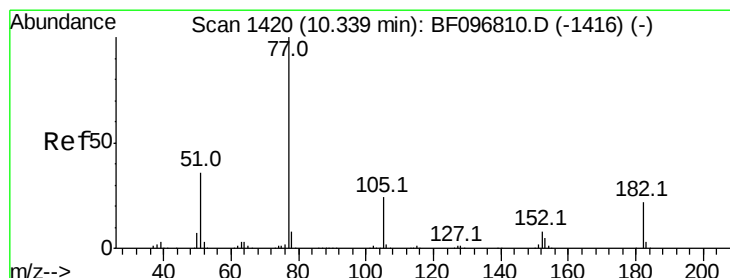
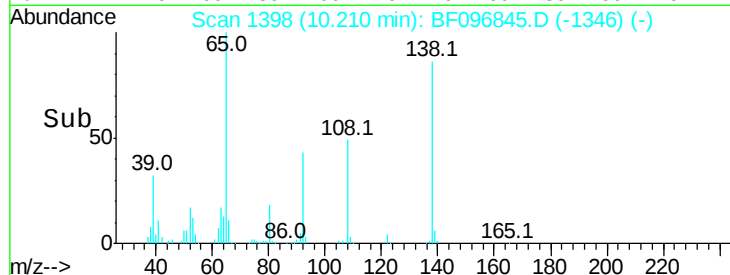
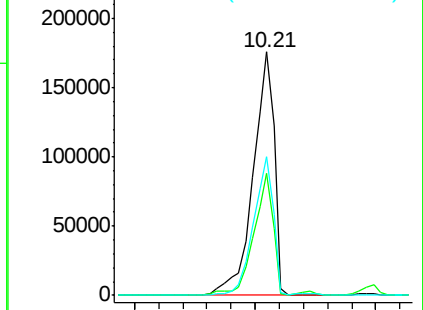
108 56.8 42.3 82.3



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: 41.385 ng

RT: 10.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Tgt Ion: 77 Resp: 701668

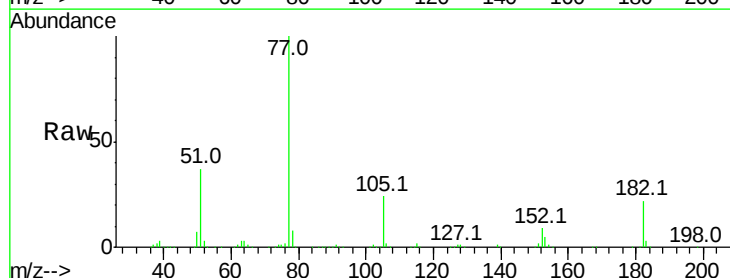
Ion Ratio Lower Upper

77 100

182 22.3 0.1 40.1

105 24.1 3.6 43.6

51 37.0 9.4 49.4

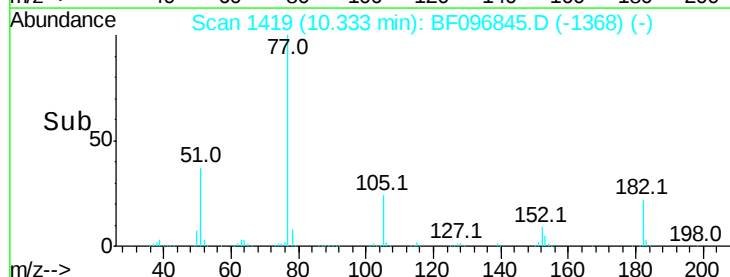
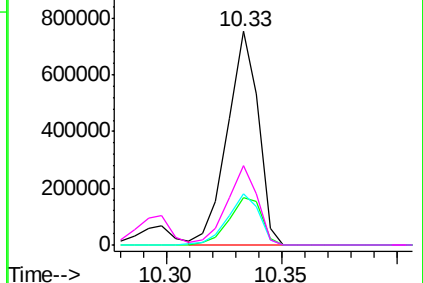


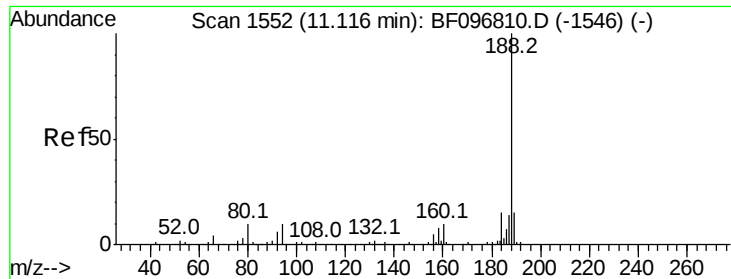
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.000 ng

RT: 11.11 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

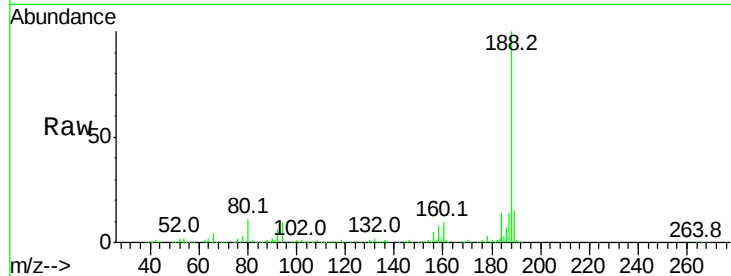
Tot Ion:188 Resp: 447713

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

80 11.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.11

400000

300000

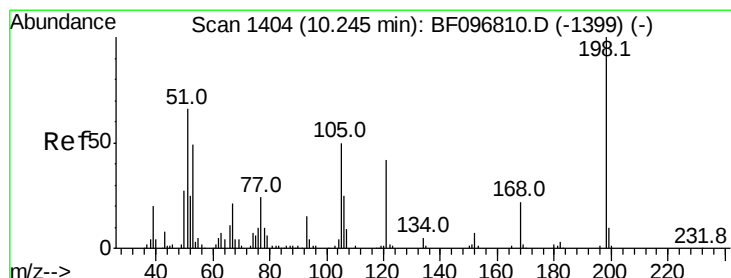
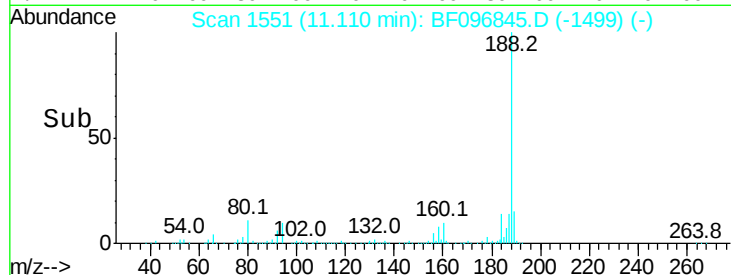
200000

100000

0

Time-->

11.05 11.10 11.15



#64

4,6-Dinitro-2-methylphenol

Concen: 39.677 ng

RT: 10.25 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

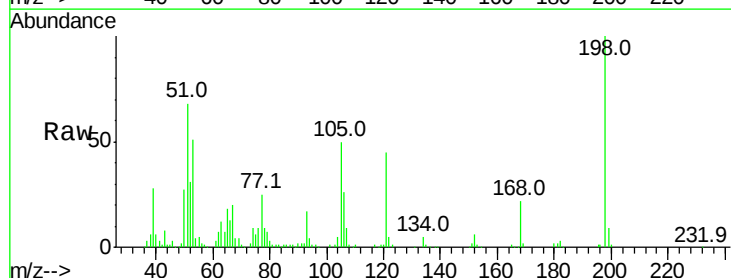
Tgt Ion:198 Resp: 111532

Ion Ratio Lower Upper

198 100

51 68.1 53.2 93.2

105 49.7 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

10.25

300000

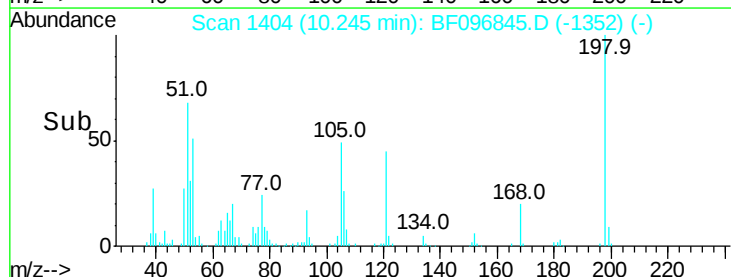
200000

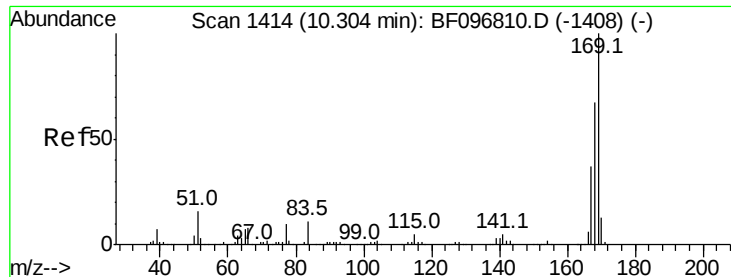
100000

0

Time-->

10.20 10.25 10.30





#65

n-Nitrosodiphenylamine

Concen: 37.655 ng

RT: 10.30 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

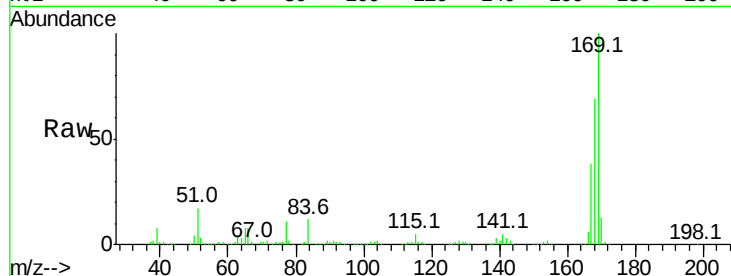
Tot Ion:169 Resp: 602638

Ion Ratio Lower Upper

169 100

168 68.5 53.2 79.8

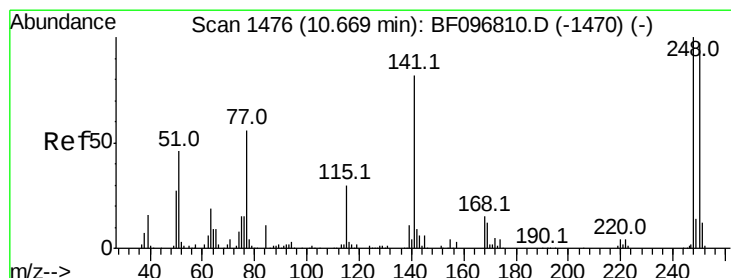
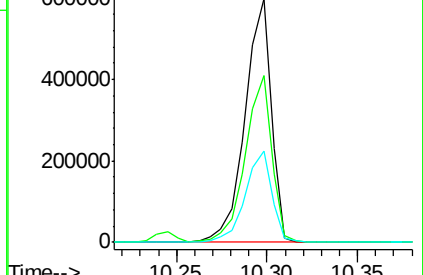
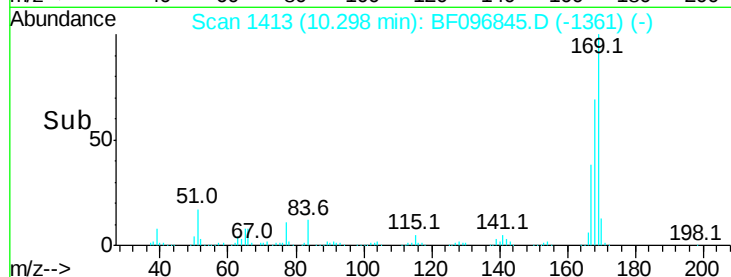
167 37.7 29.5 44.3



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: 41.886 ng

RT: 10.66 min Scan# 1475

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

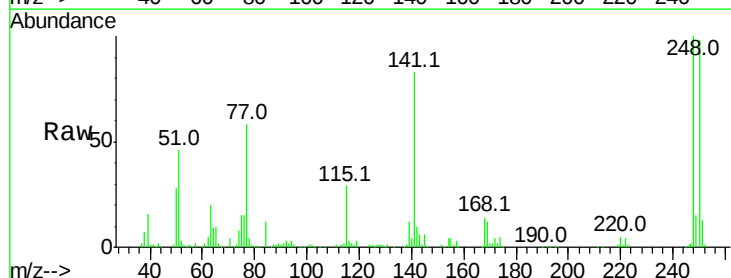
Tgt Ion:248 Resp: 191461

Ion Ratio Lower Upper

248 100

250 98.2 76.8 115.2

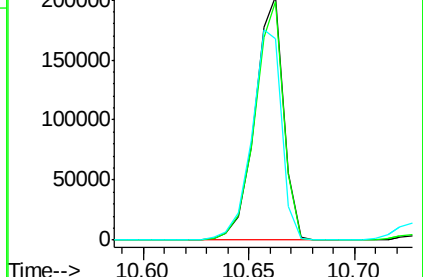
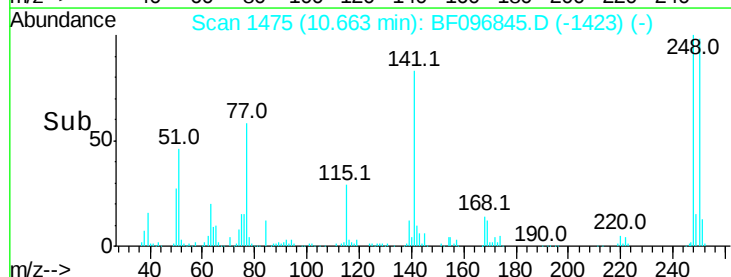
141 82.7 68.6 103.0

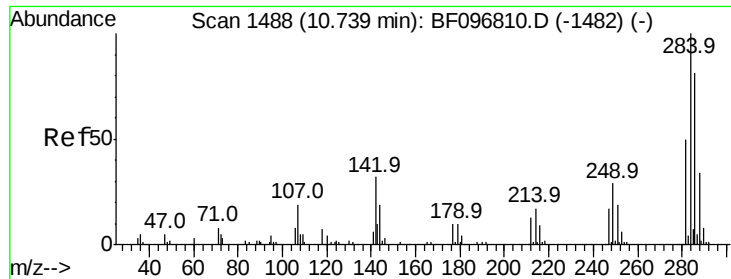


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.033 ng

RT: 10.73 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

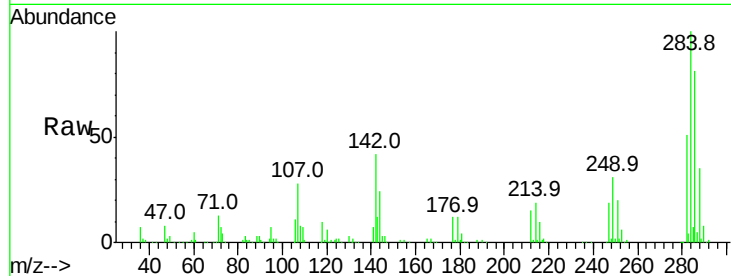
Tot Ion:284 Resp: 198715

Ion Ratio Lower Upper

284 100

142 42.5 22.8 34.2#

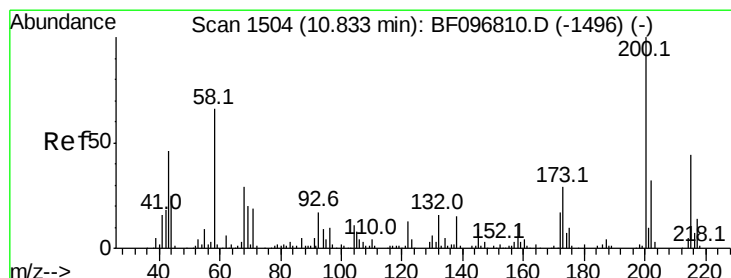
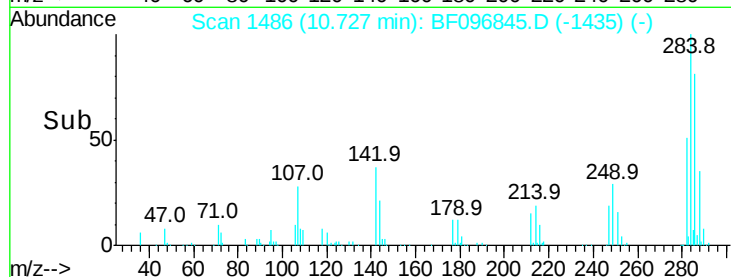
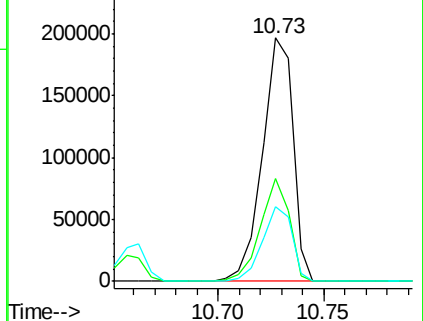
249 30.9 24.0 36.0



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: 40.467 ng

RT: 10.83 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

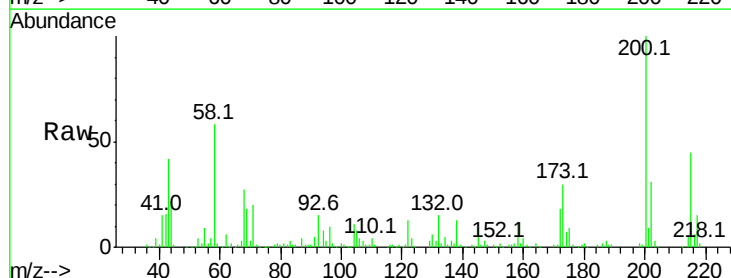
Tgt Ion:200 Resp: 184510

Ion Ratio Lower Upper

200 100

173 30.0 6.3 46.3

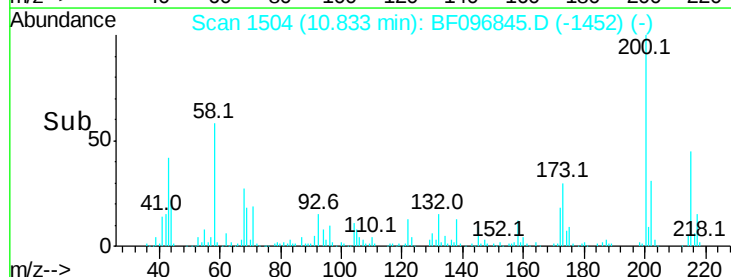
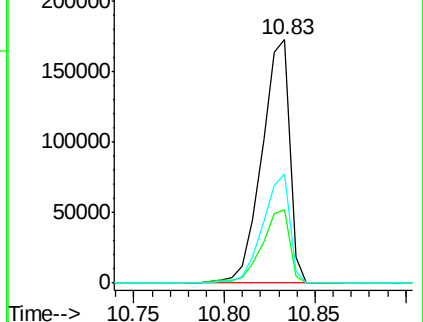
215 45.0 27.2 67.2

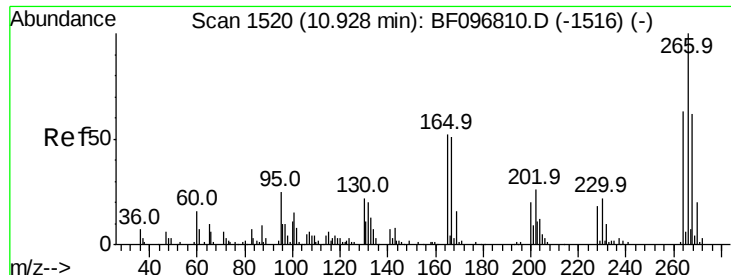


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

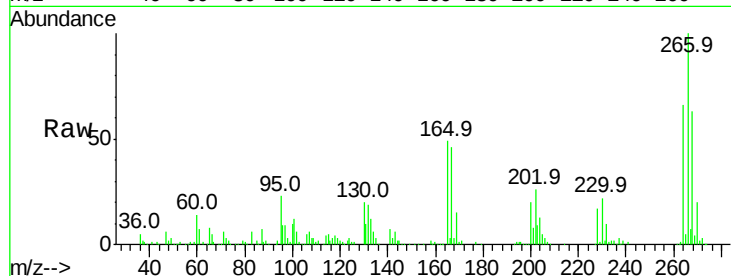




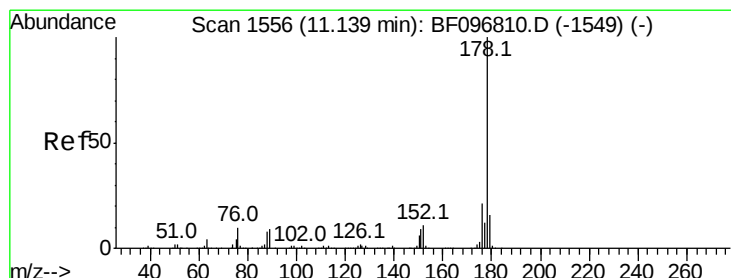
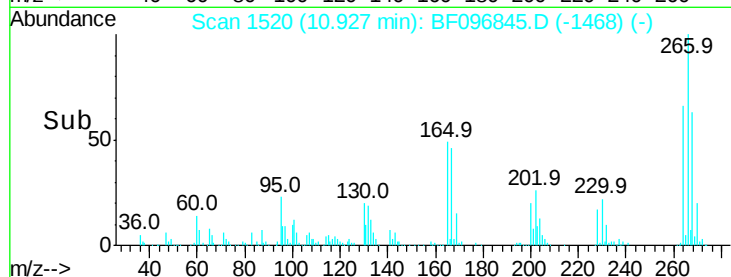
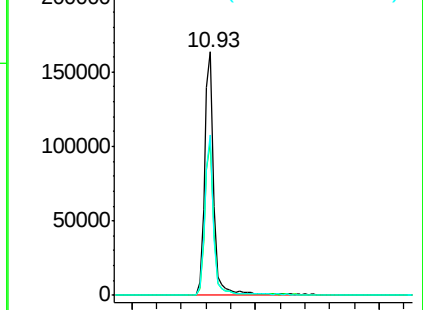
#69
 Pentachlorophenol
 Concen: 70.743 ng
 RT: 10.93 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion:266 Resp: 173986
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 66.1 51.7 77.5

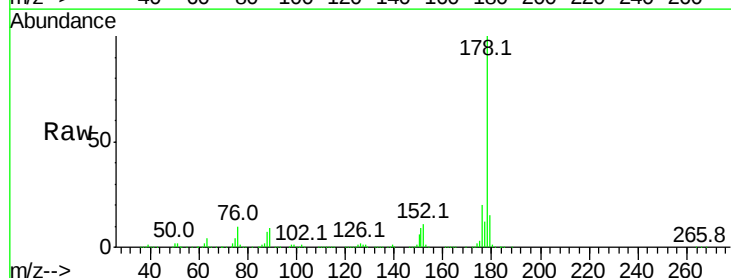


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

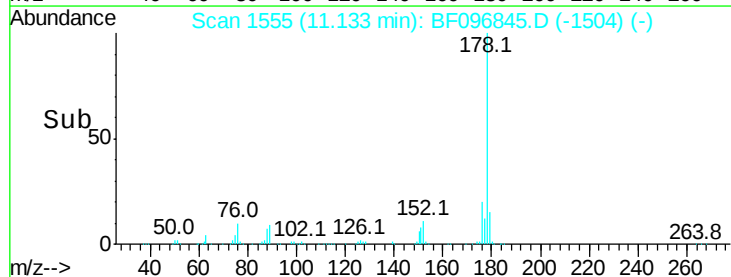
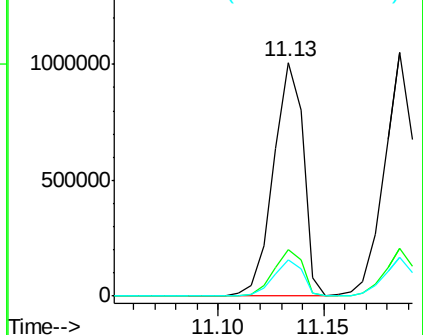


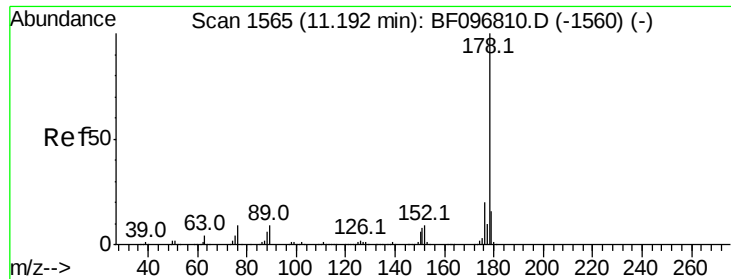
#70
 Phenanthrene
 Concen: 40.687 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion:178 Resp: 990481
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.5 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: 40.285 ng

RT: 11.19 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

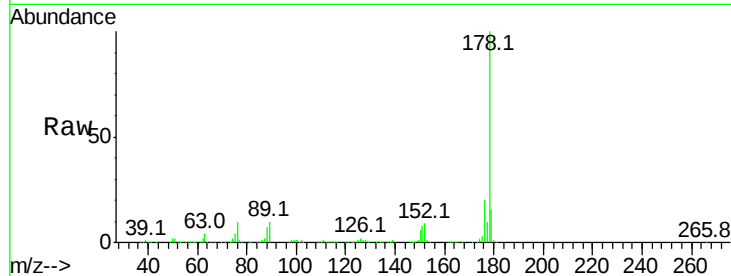
Tot Ion:178 Resp: 991540

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

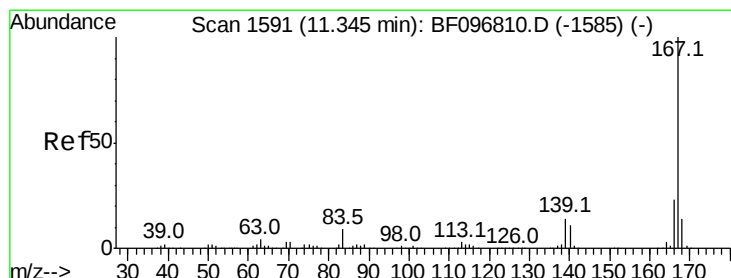
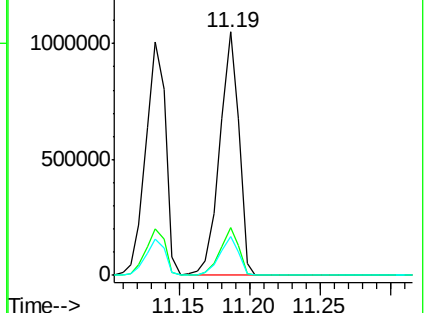
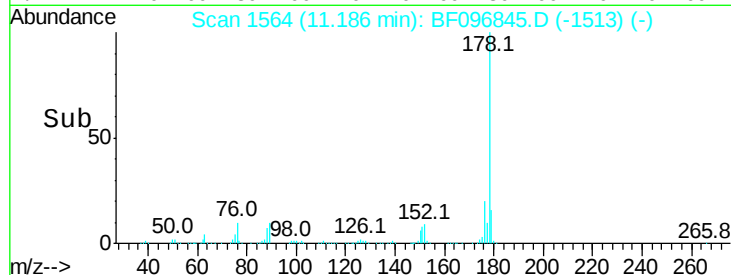
179 16.1 12.7 19.1



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: 39.184 ng

RT: 11.34 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

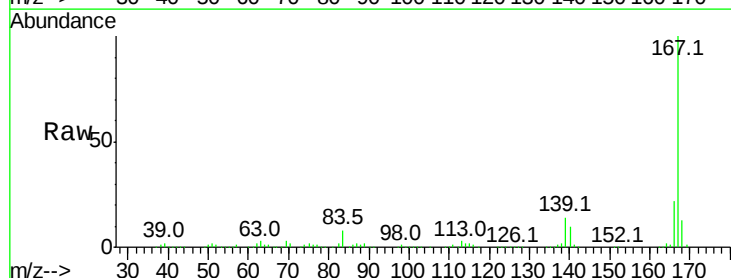
Tgt Ion:167 Resp: 933949

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

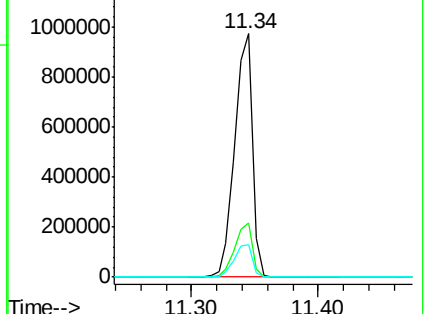
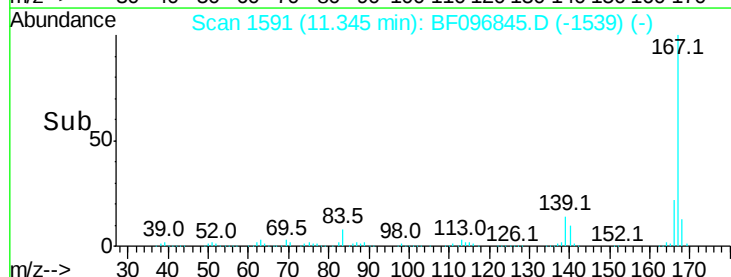
139 13.5 11.7 17.5

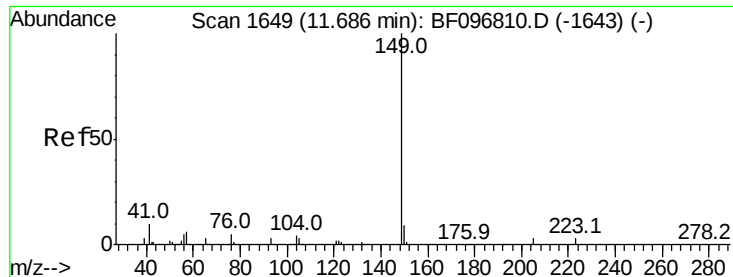


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.301 ng

RT: 11.68 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

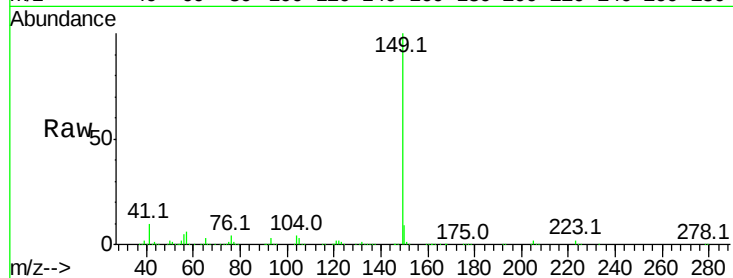
Tot Ion:149 Resp: 1166618

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

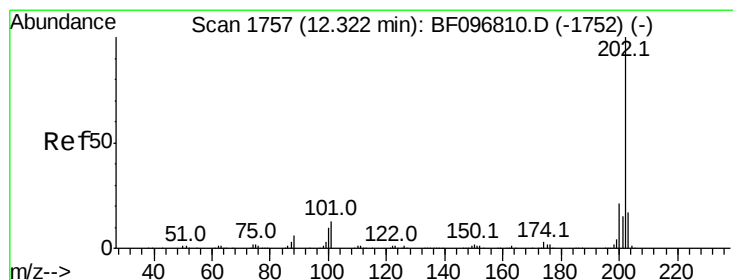
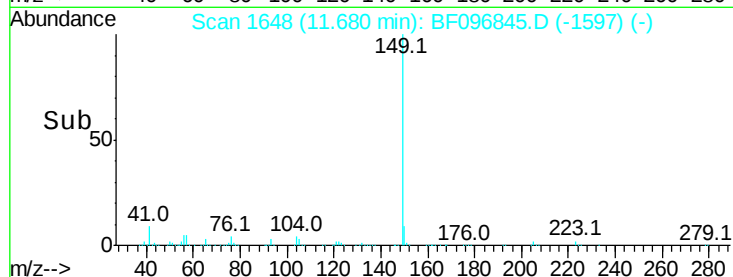
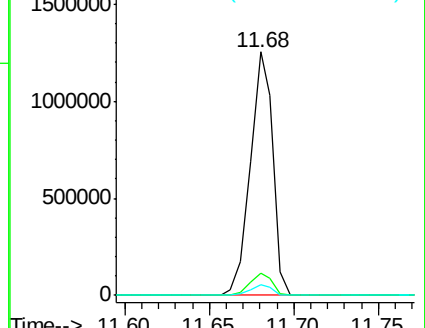
104 4.4 4.0 6.0



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: 40.757 ng

RT: 12.32 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

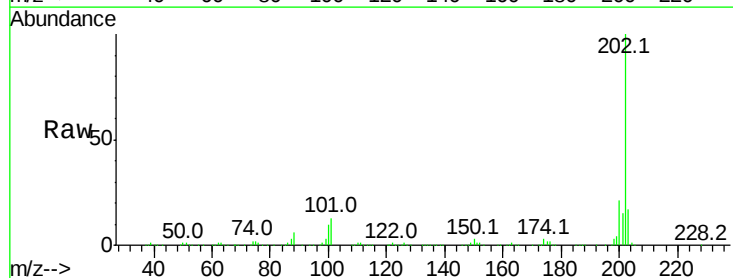
Tgt Ion:202 Resp: 949679

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

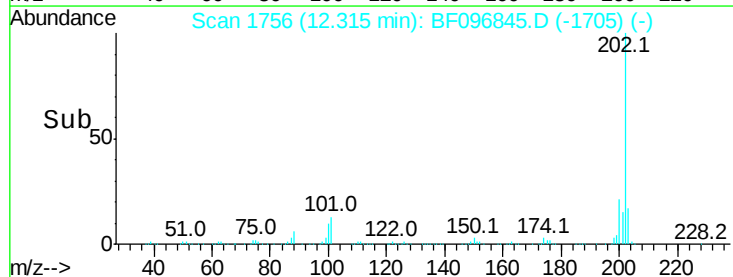
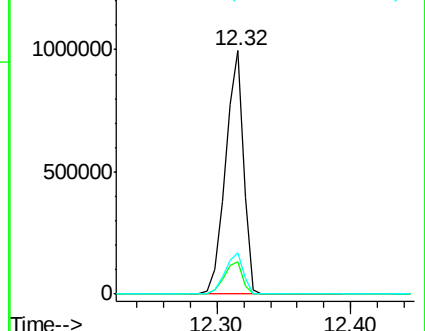
203 17.1 0.0 38.1

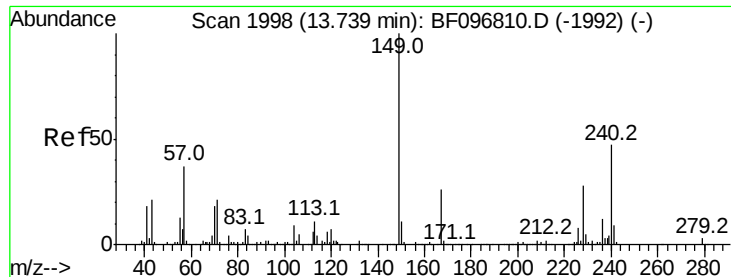


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

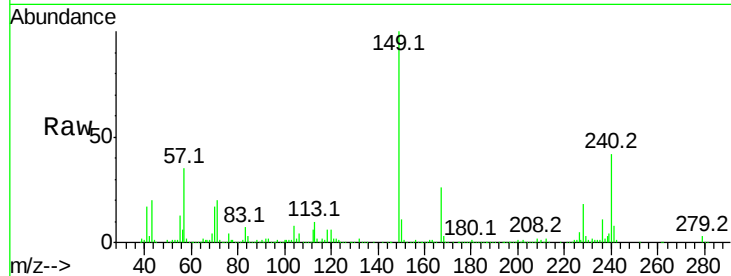
Tot Ion:240 Resp: 216314

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

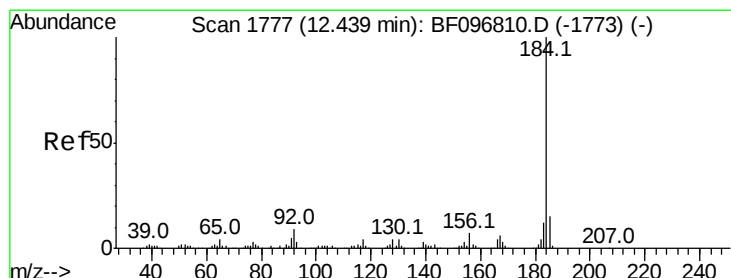
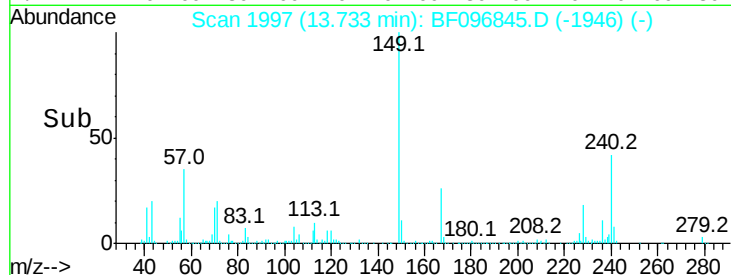
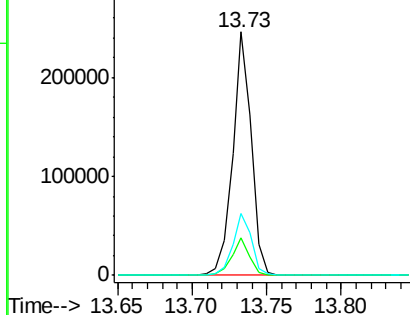
236 25.6 20.5 30.7



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: 41.707 ng

RT: 12.43 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

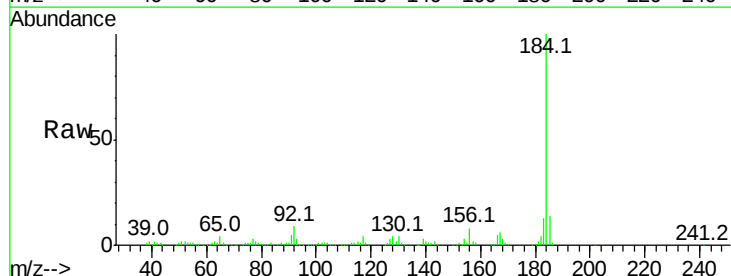
Tgt Ion:184 Resp: 295556

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

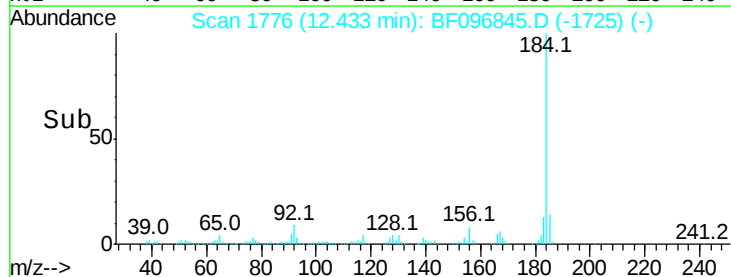
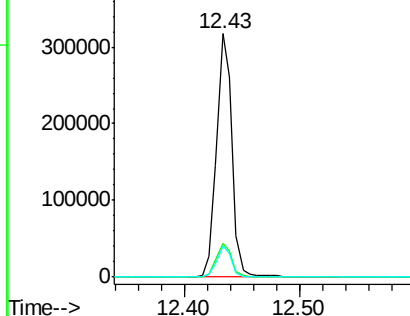
183 12.6 9.8 14.6

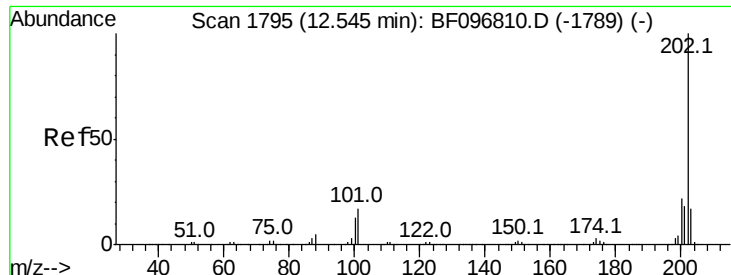


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

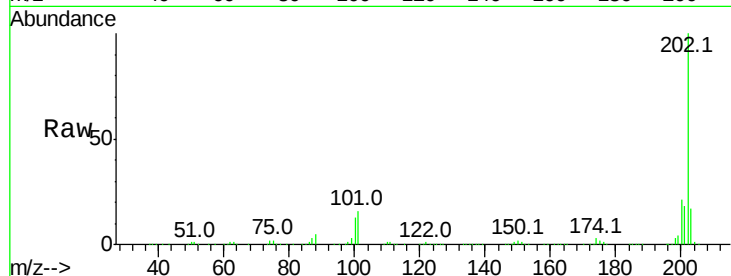




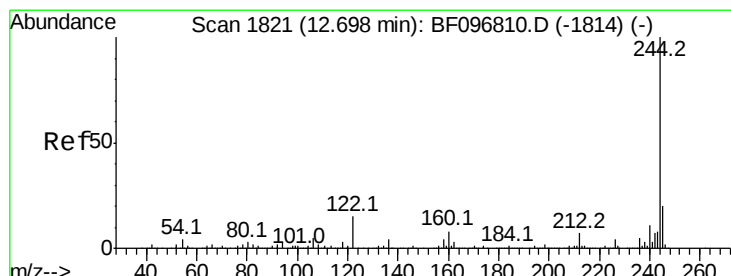
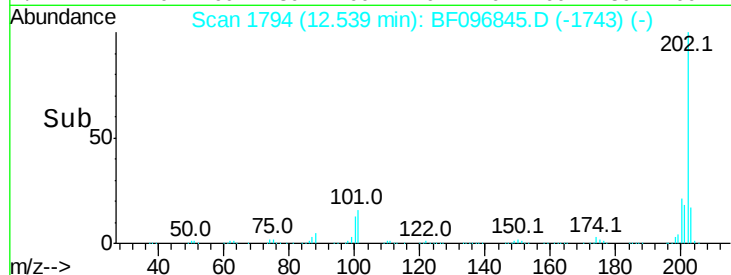
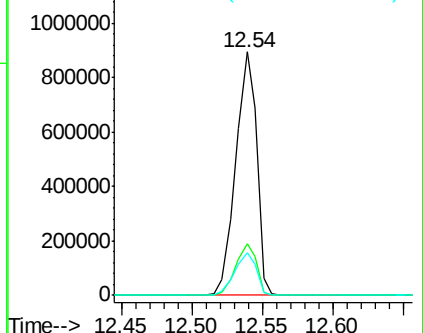
#77
Pvrene
Concen: 47.003 ng
RT: 12.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion:202 Resp: 922739
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.4 14.4 21.6

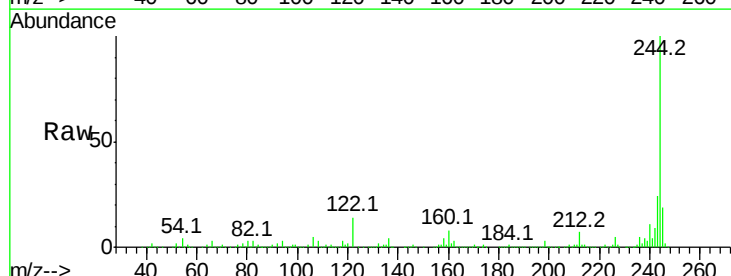


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

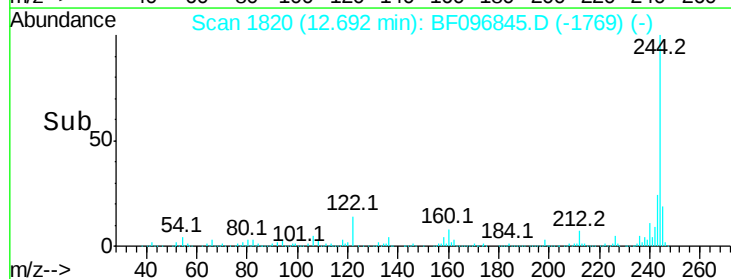
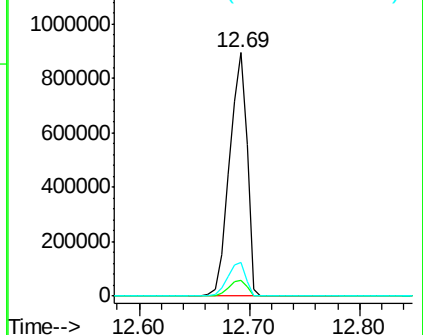


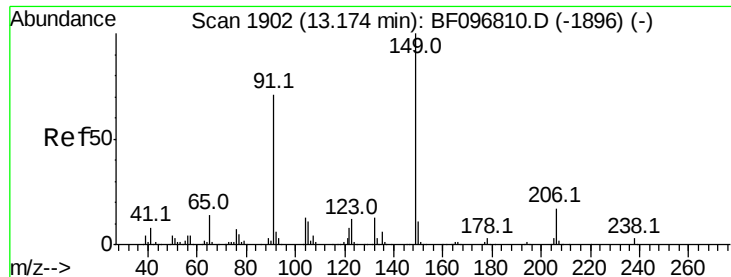
#78
Terphenyl-d14
Concen: 80.205 ng
RT: 12.69 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:244 Resp: 1000392
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.503 ng

RT: 13.17 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

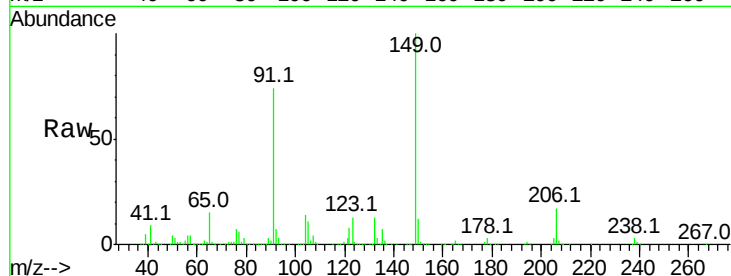
Tot Ion:149 Resp: 489731

Ion Ratio Lower Upper

149 100

91 74.3 45.0 67.4#

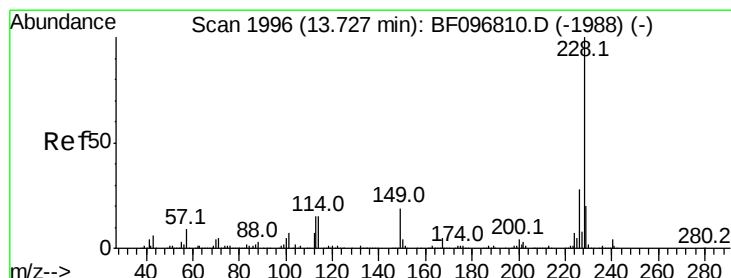
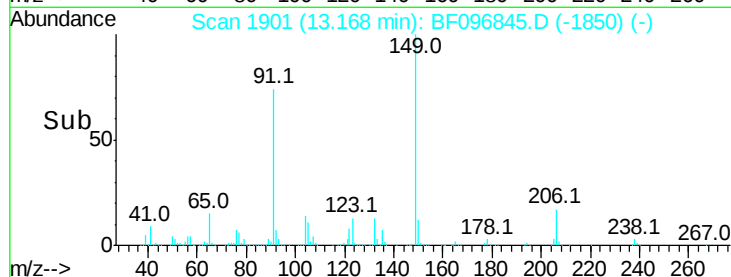
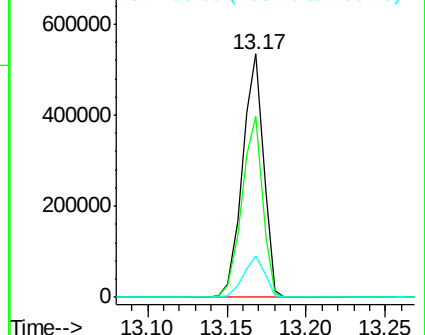
206 17.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.108 ng

RT: 13.72 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

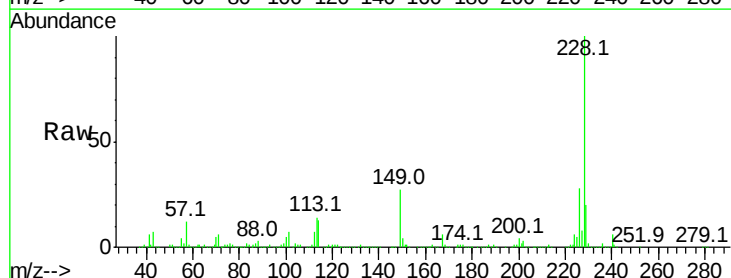
Tgt Ion:228 Resp: 594494

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

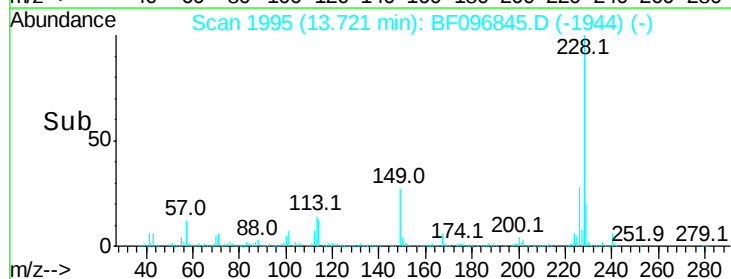
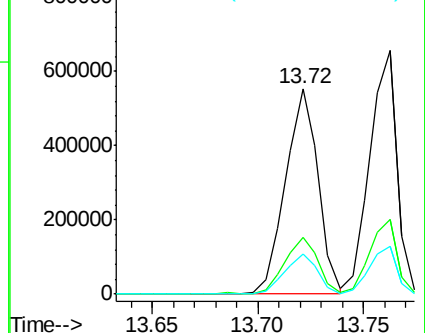
229 19.6 16.3 24.5

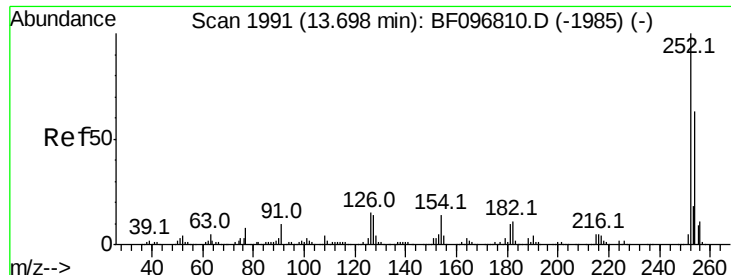


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

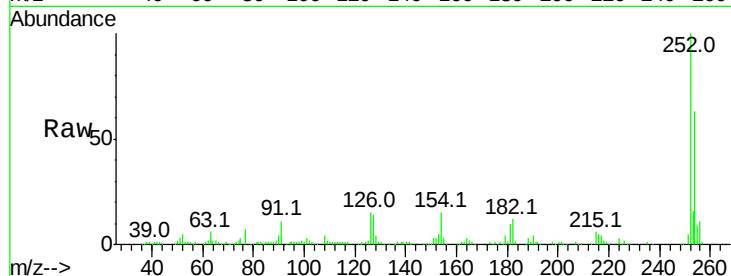




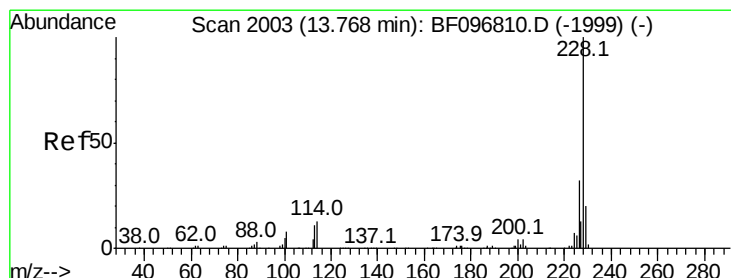
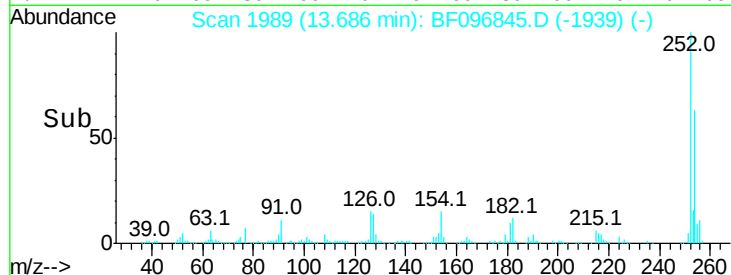
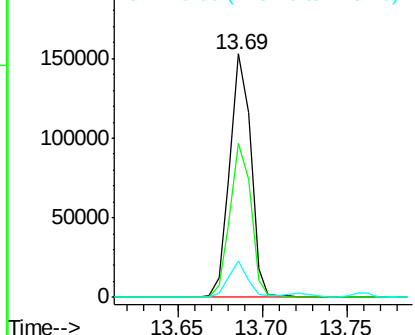
#81
 3,3'-Dichlorobenzidine
 Concen: 27.428 ng
 RT: 13.69 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Instrument :
 BNA_F
 ClientSampleId :
 WC071417-1NEMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.5	77.3
126	15.2	15.8	23.8

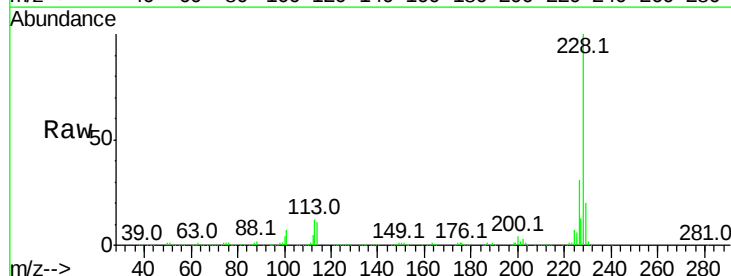


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

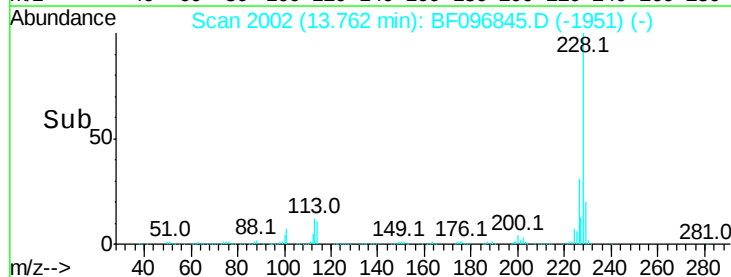
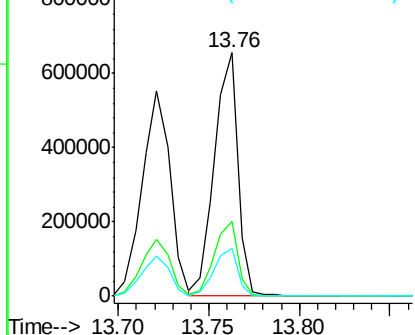


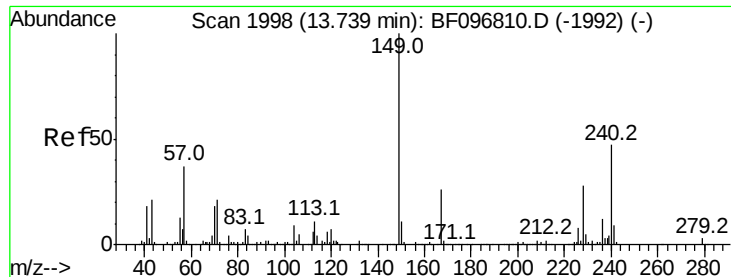
#82
 Chrysene
 Concen: 44.642 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BF096845.D
 Acq: 18 Jul 2017 13:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.6	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.613 ng

RT: 13.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

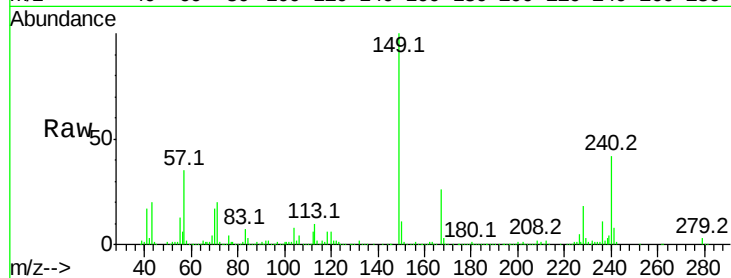
Tot Ion:149 Resp: 540854

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

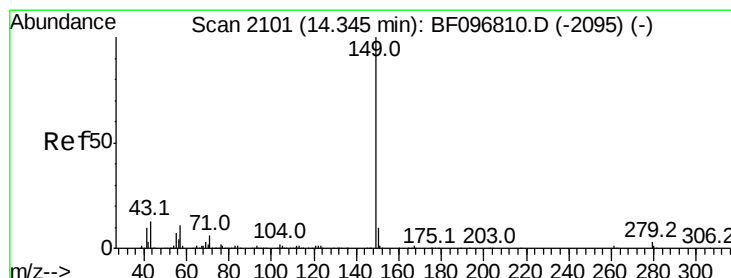
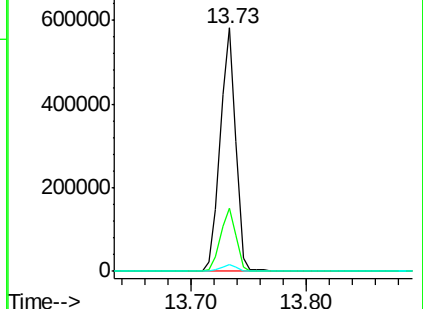
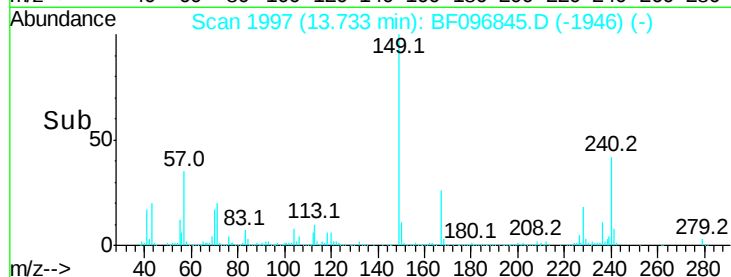
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.633 ng

RT: 14.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

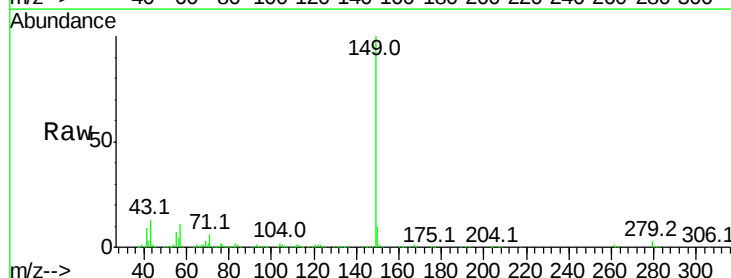
Tgt Ion:149 Resp: 931953

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

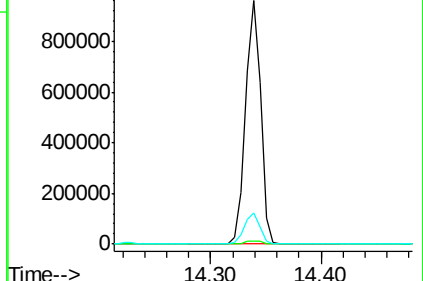
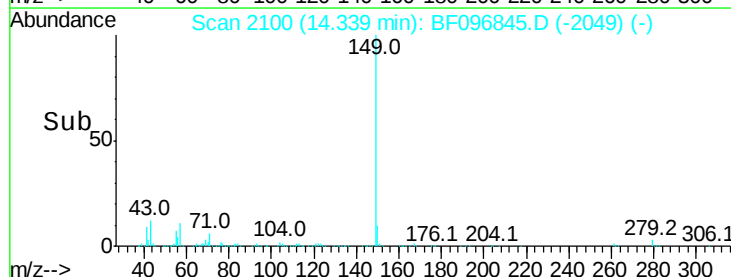
43 12.7 8.5 12.7

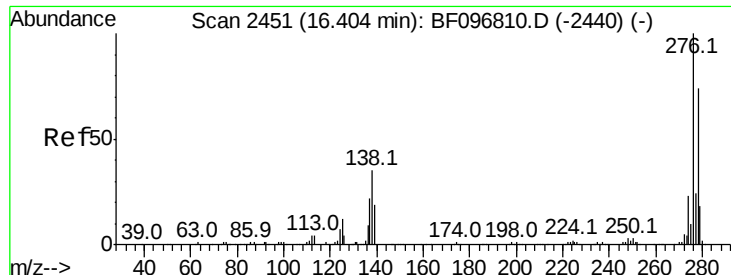


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

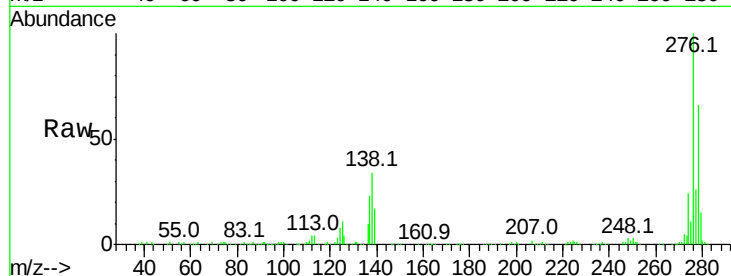




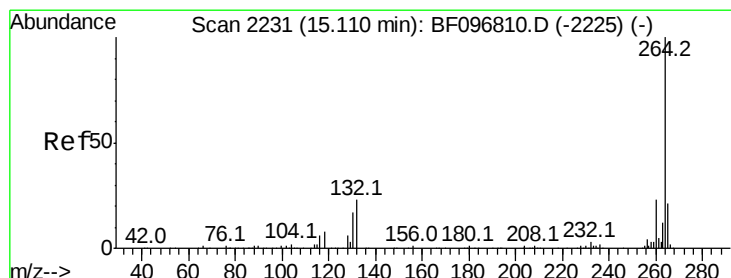
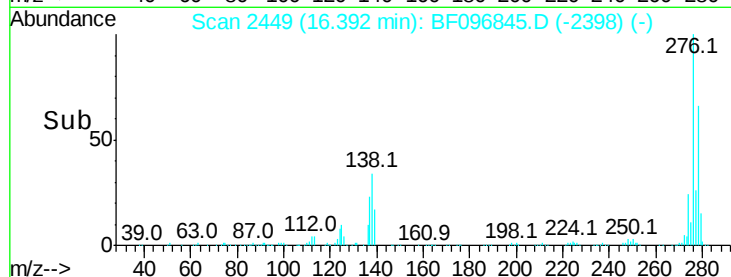
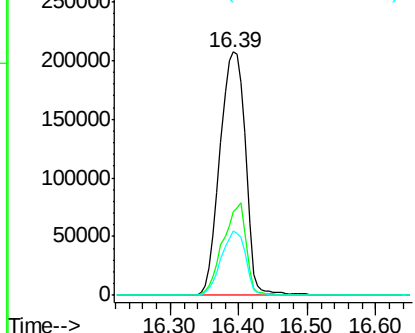
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.066 ng
RT: 16.39 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

Tot Ion:276 Resp: 538531
Ion Ratio Lower Upper
276 100
138 34.3 27.8 41.6
277 25.2 20.2 30.4

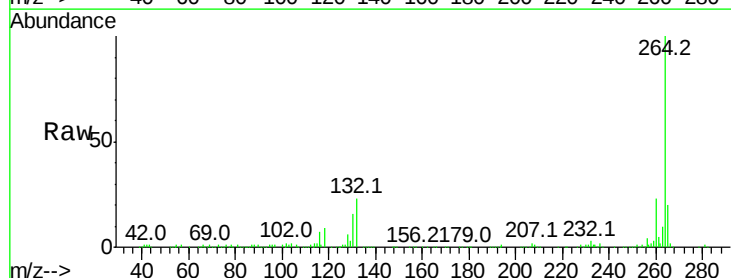


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

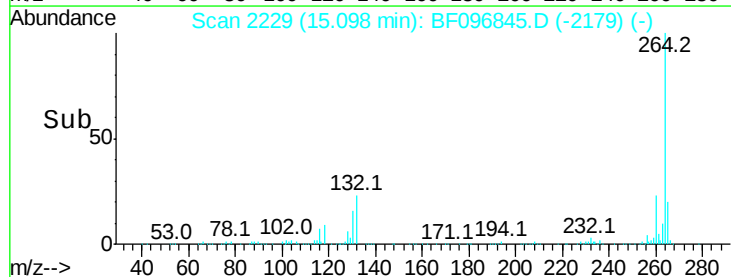
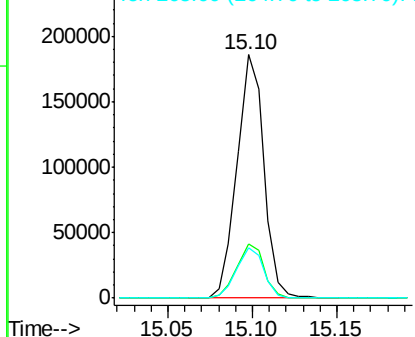


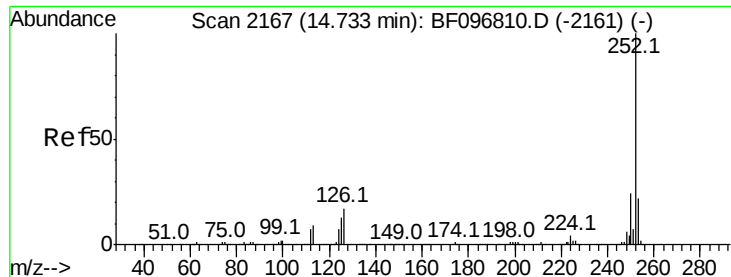
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:264 Resp: 206784
Ion Ratio Lower Upper
264 100
260 22.5 19.5 29.3
265 20.5 17.2 25.8



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





#87

Benzo(b)fluoranthene

Concen: 42.279 ng

RT: 14.73 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

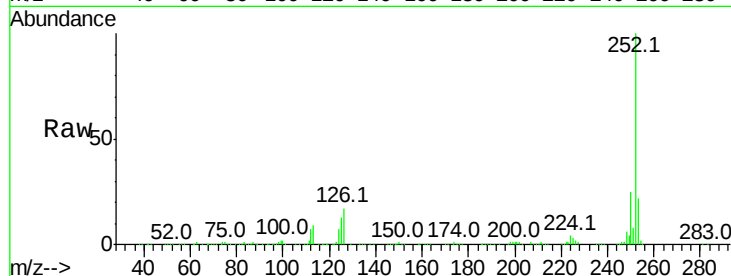
Tot Ion:252 Resp: 527284

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

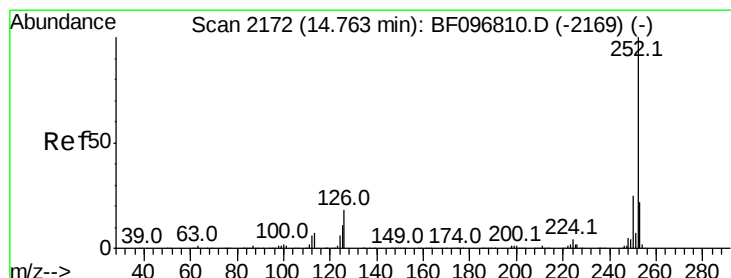
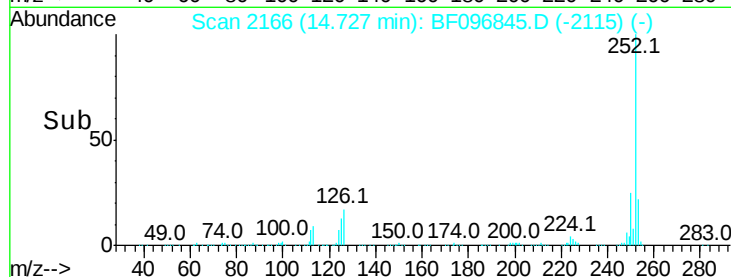
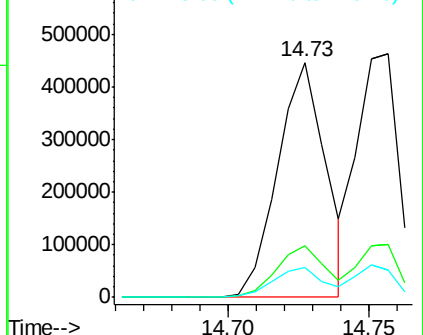
125 12.6 9.8 14.8



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: 40.645 ng

RT: 14.76 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

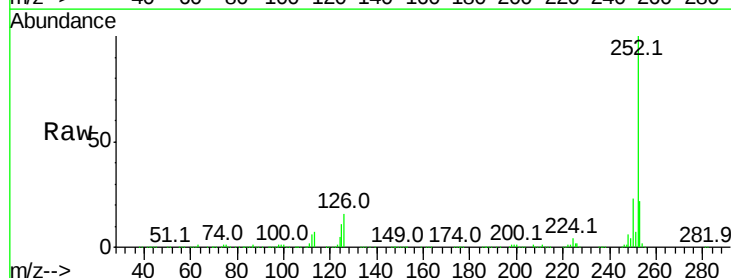
Tgt Ion:252 Resp: 480007

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

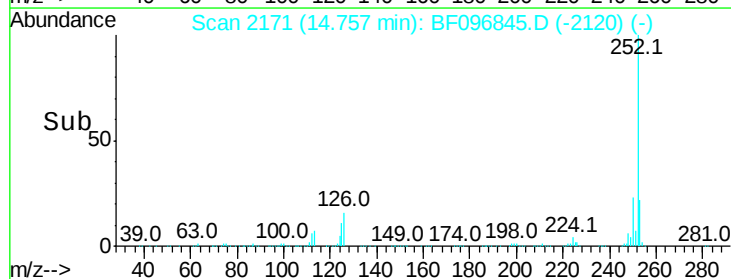
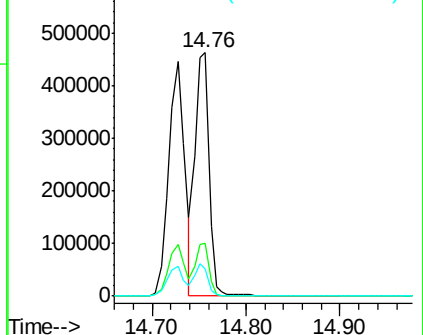
125 11.4 13.1 19.7#

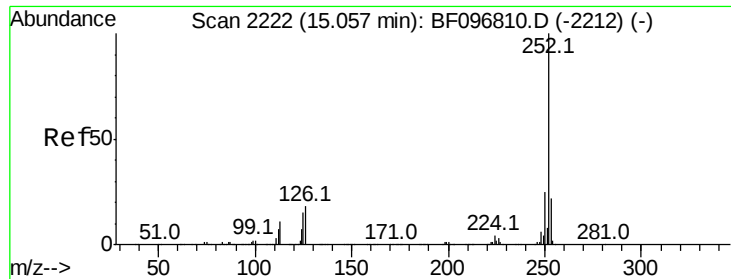


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

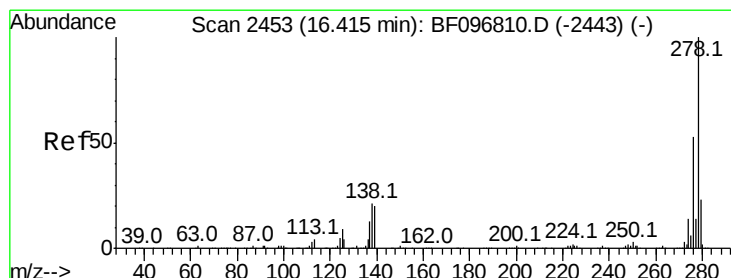
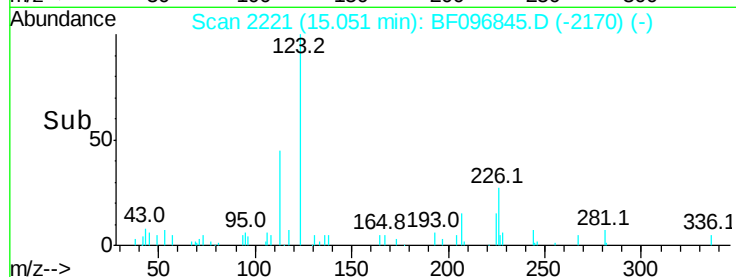
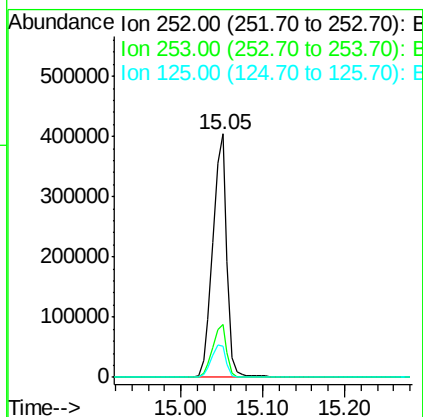
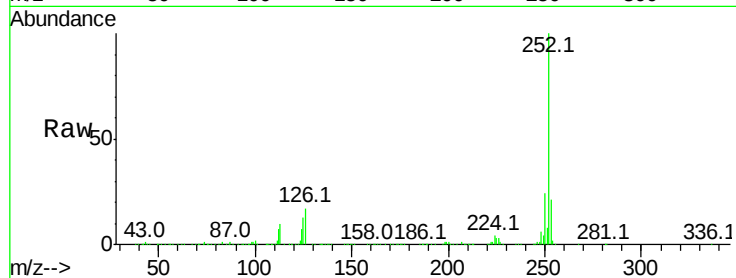




#89
Benzo(a)pyrene
Concen: 42.334 ng
RT: 15.05 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

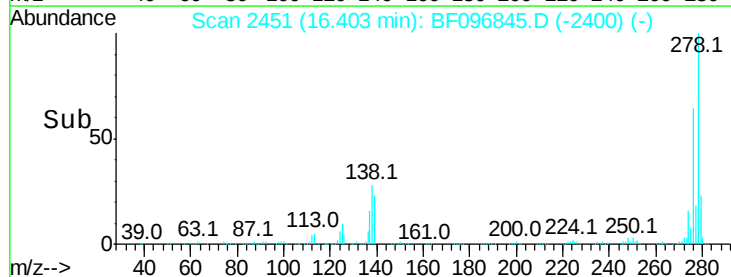
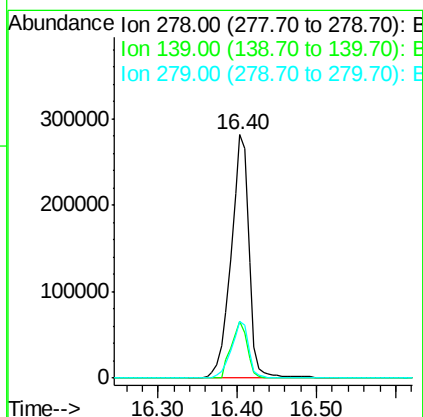
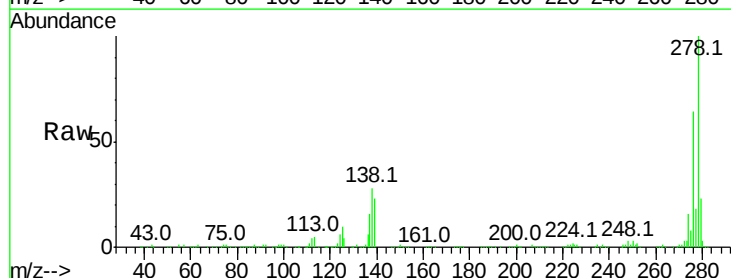
Instrument :
BNA_F
ClientSampleId :
WC071417-1NEMS

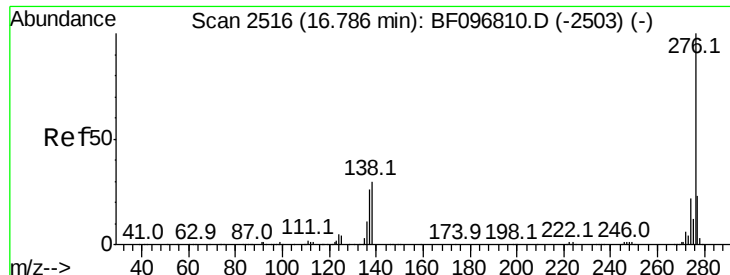
Tot Ion:252 Resp: 484240
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 12.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 41.872 ng
RT: 16.40 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BF096845.D
Acq: 18 Jul 2017 13:58

Tgt Ion:278 Resp: 440713
Ion Ratio Lower Upper
278 100
139 23.1 16.6 24.8
279 23.2 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 41.416 ng

RT: 16.78 min Scan# 2515

Delta R.T. -0.00 min

Lab File: BF096845.D

Acq: 18 Jul 2017 13:58

Instrument :

BNA_F

ClientSampleId :

WC071417-1NEMS

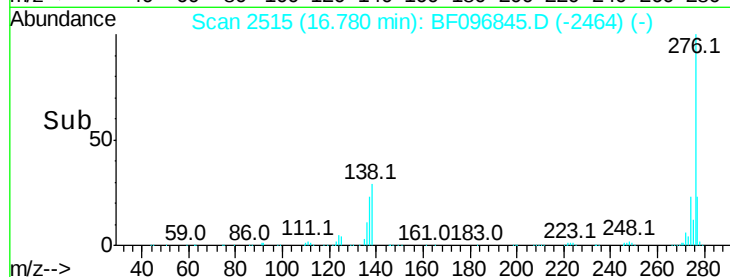
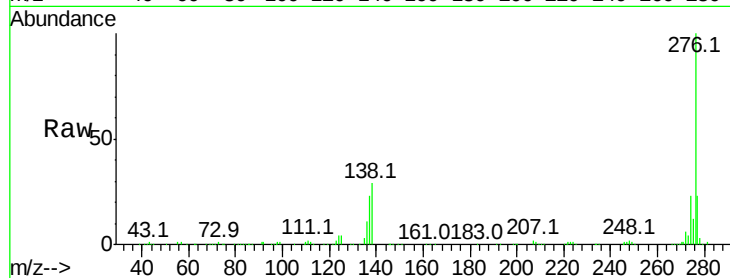
Tot Ion:276 Resp: 466795

Ion Ratio Lower Upper

276 100

277 22.6 18.6 28.0

138 29.2 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

