

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096479.D
 Acq On : 5 Jul 2017 13:03
 Operator : SJ/MA
 Sample : I3975-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

Quant Time: Jul 05 16:46:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	114456	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	510500	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	211612	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	319508	20.00	ng	0.00
75) Chrysene-d12	13.86	240	197460	20.00	ng	0.00
86) Perylene-d12	15.27	264	195845	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	924643	119.24	ng	0.01
7) Phenol-d6	6.36	99	1135044	119.06	ng	0.00
23) Nitrobenzene-d5	7.28	82	665654	78.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	208617	126.21	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1127768	91.12	ng	0.00
78) Terphenyl-d14	12.82	244	714543	77.33	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.42	88	120635	32.81	ng	# 78
3) Pyridine	3.11	79	320669	31.78	ng	# 67
4) n-Nitrosodimethylamine	3.05	42	186099	37.37	ng	85
6) Aniline	6.37	93	368777	29.93	ng	# 34
8) 2-Chlorophenol	6.50	128	311605	37.68	ng	100
9) Benzaldehyde	6.26	77	123222	20.65	ng	98
10) Phenol	6.37	94	405846	37.37	ng	76
11) bis(2-Chloroethyl)ether	6.45	93	298546	35.57	ng	91
12) 1,3-Dichlorobenzene	6.66	146	323973	37.36	ng	99
13) 1,4-Dichlorobenzene	6.73	146	330142	38.09	ng	97
14) 1,2-Dichlorobenzene	6.89	146	308824	38.81	ng	98
15) Benzyl Alcohol	6.86	79	260341	40.85	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	634376	37.18	ng	91
17) 2-Methylphenol	6.97	107	259499	39.38	ng	97
18) Hexachloroethane	7.23	117	112714	35.87	ng	# 83
19) n-Nitroso-di-n-propylamine	7.13	70	209779	36.94	ng	# 85
20) 3+4-Methylphenols	7.13	107	306777	41.73	ng	93
22) Acetophenone	7.12	105	410620	36.81	ng	# 95
24) Nitrobenzene	7.29	77	310304	34.82	ng	93
25) Isophorone	7.54	82	579146	35.16	ng	94
26) 2-Nitrophenol	7.61	139	182004	38.58	ng	# 88
27) 2,4-Dimethylphenol	7.66	122	317523	39.53	ng	95
28) bis(2-Chloroethoxy)methane	7.75	93	440372	40.50	ng	99
29) 2,4-Dichlorophenol	7.86	162	278480	40.18	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	254393	38.92	ng	97
31) Naphthalene	8.02	128	986110	40.92	ng	99
32) Benzoic acid	7.75	122	73889	10.95	ng	97
33) 4-Chloroaniline	8.06	127	312313	31.20	ng	98
34) Hexachlorobutadiene	8.15	225	137037	40.87	ng	99
35) Caprolactam	8.43	113	96735m	40.48	ng	
36) 4-Chloro-3-methylphenol	8.56	107	276646	36.08	ng	89
37) 2-Methylnaphthalene	8.71	142	614981	40.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	214160	38.98	ng	98
40) Hexachlorocyclopentadiene	8.87	237	113089	42.33	ng	99

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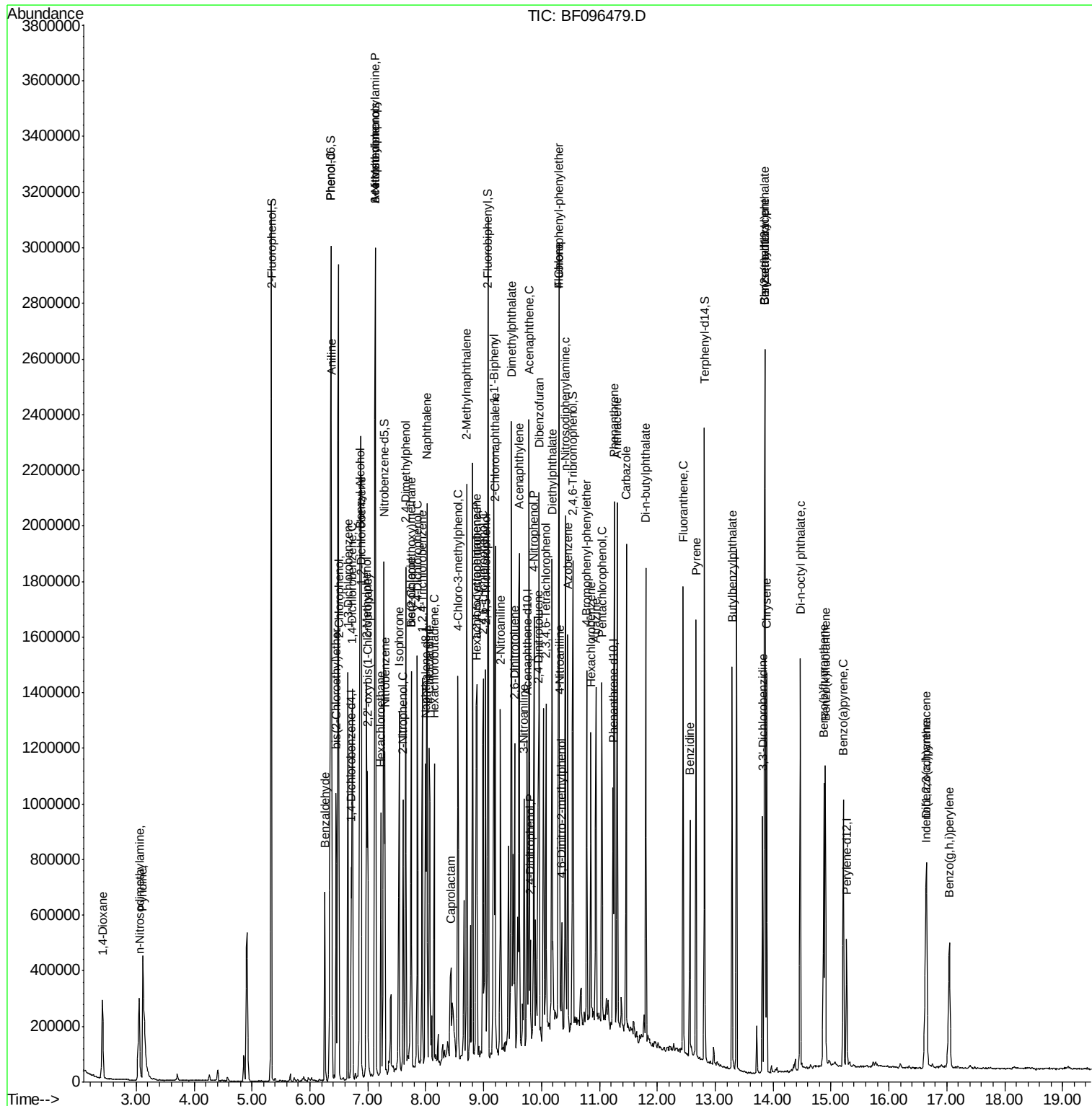
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	177925	40.93	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	187278	43.58	nq	97
45) 1,1'-Biphenyl	9.17	154	676371	37.30	nq	98
46) 2-Chloronaphthalene	9.20	162	527514	39.04	nq	94
47) 2-Nitroaniline	9.29	65	204447	41.58	nq	92
48) Acenaphthylene	9.62	152	825127	38.54	nq	99
49) Dimethylphthalate	9.48	163	1181013	74.76	nq	99
50) 2,6-Dinitrotoluene	9.54	165	138722	39.71	nq	# 91
51) Acenaphthene	9.79	154	500918	37.96	nq	99
52) 3-Nitroaniline	9.70	138	149476	34.31	nq	83
53) 2,4-Dinitrophenol	9.81	184	41168	22.19	nq	# 74
54) Dibenzofuran	9.96	168	767221	44.03	nq	98
55) 4-Nitrophenol	9.87	139	265151	73.42	nq	# 67
56) 2,4-Dinitrotoluene	9.94	165	186595	42.18	nq	# 83
57) Fluorene	10.30	166	545681	44.34	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	134729	45.31	nq	# 99
59) Diethylphthalate	10.18	149	645081	43.20	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	232350	43.40	nq	96
61) 4-Nitroaniline	10.32	138	165955	41.89	nq	90
62) Azobenzene	10.45	77	530740	36.76	nq	92
64) 4,6-Dinitro-2-methylphenol	10.35	198	47300	21.47	nq	# 76
65) n-Nitrosodiphenylamine	10.41	169	480478	42.86	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	134175	43.14	nq	97
67) Hexachlorobenzene	10.85	284	137806	40.47	nq	# 89
68) Atrazine	10.94	200	138565	43.26	nq	94
69) Pentachlorophenol	11.04	266	133408	66.11	nq	99
70) Phenanthrene	11.26	178	701884	40.64	nq	98
71) Anthracene	11.31	178	714305	40.58	nq	98
72) Carbazole	11.46	167	677763	38.29	nq	99
73) Di-n-butylphthalate	11.80	149	849430	39.62	nq	98
74) Fluoranthene	12.44	202	623825	36.84	nq	99
76) Benzidine	12.56	184	333305	35.18	nq	# 92
77) Pyrene	12.67	202	628215	39.64	nq	99
79) Butylbenzylphthalate	13.29	149	310343	38.68	nq	# 83
80) Benzo(a)anthracene	13.85	228	472953	41.36	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	174558	37.17	nq	# 97
82) Chrysene	13.89	228	464498	38.79	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	376274	42.01	nq	99
84) Di-n-octyl phthalate	14.47	149	687042	38.96	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.63	276	414140	43.82	nq	98
87) Benzo(b)fluoranthene	14.87	252	452853	36.90	nq	98
88) Benzo(k)fluoranthene	14.90	252	433254	39.47	nq	# 95
89) Benzo(a)pyrene	15.22	252	427631	39.03	nq	100
90) Dibenzo(a,h)anthracene	16.65	278	347490	40.32	nq	97
91) Benzo(g,h,i)perylene	17.04	276	343512	38.46	nq	97

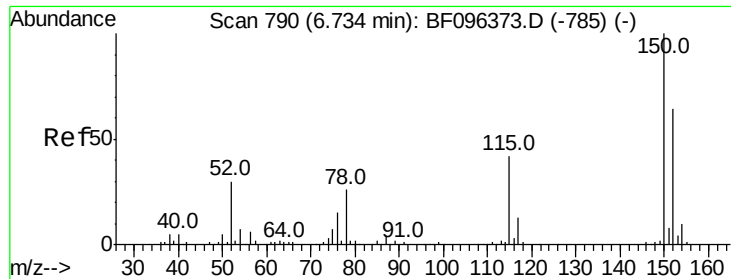
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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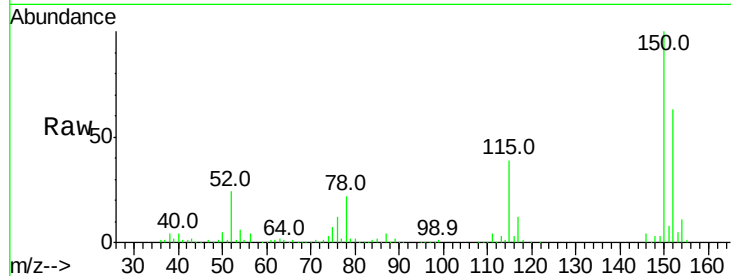


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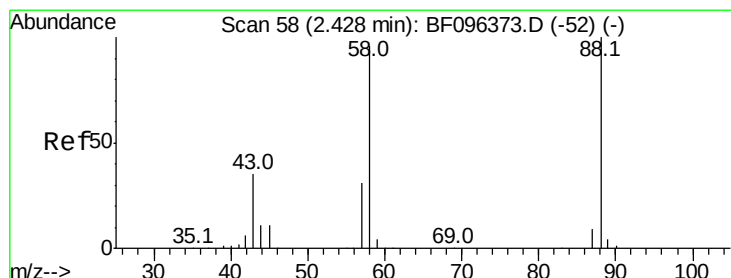
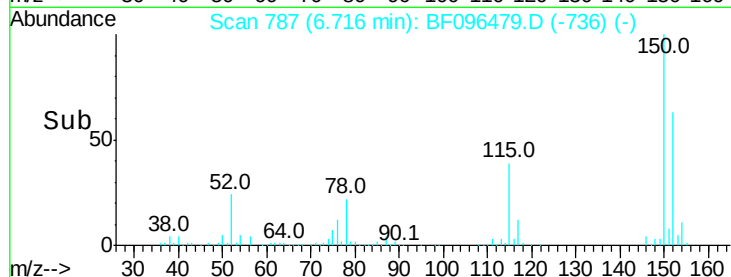
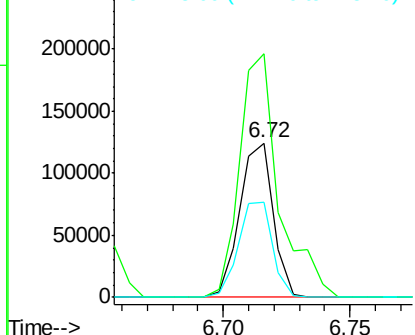
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:152 Resp: 114456
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.3 52.2 78.2



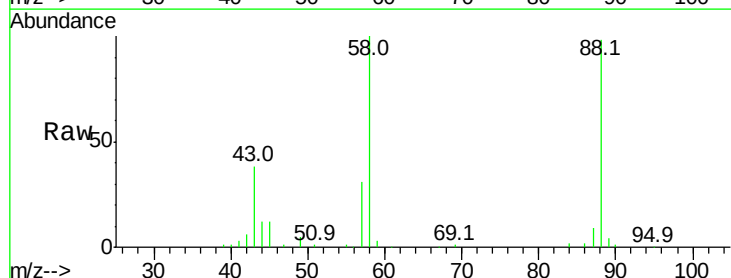
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



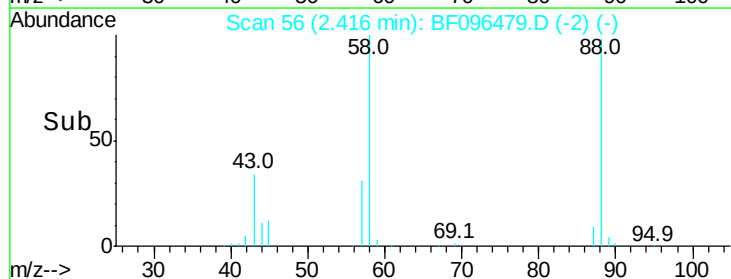
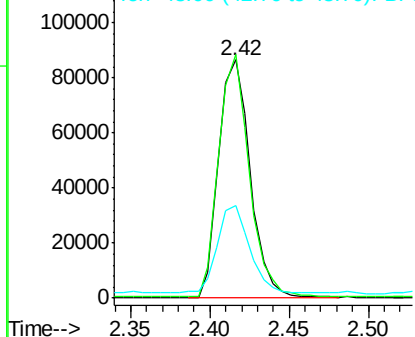
#2

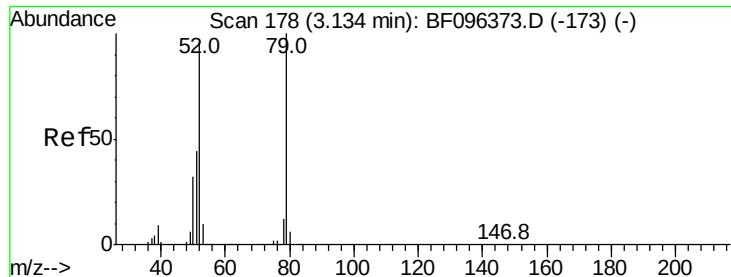
1,4-Dioxane
Concen: 32.81 ng
RT: 2.42 min Scan# 56
Delta R.T. 0.02 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion: 88 Resp: 120635
Ion Ratio Lower Upper
88 100
58 98.1 61.4 92.0#
43 37.0 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: 31.78 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.02 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

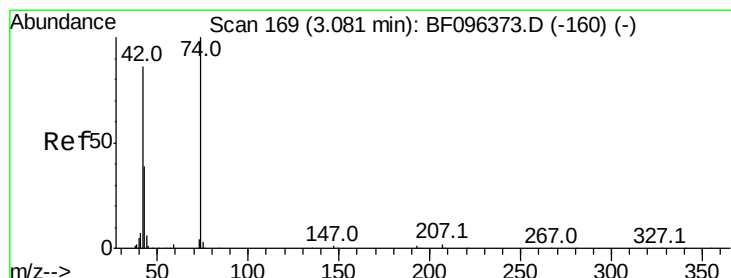
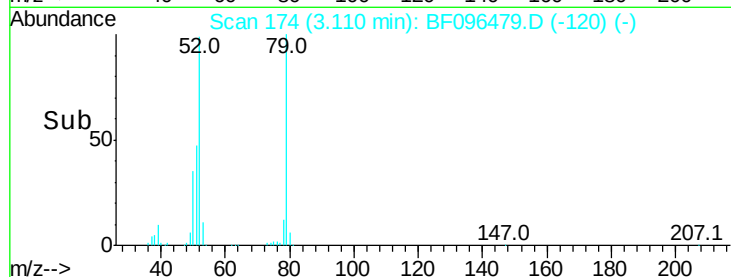
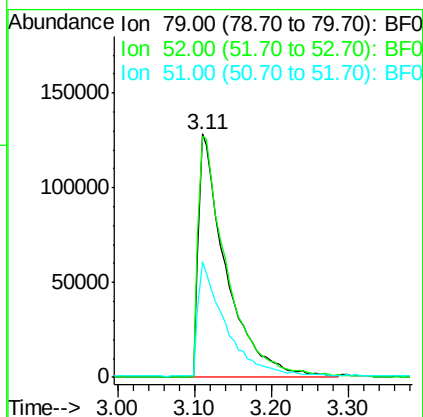
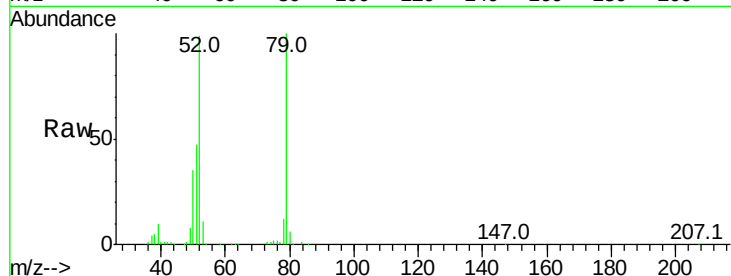
Tot Ion: 79 Resp: 320669

Ion Ratio Lower Upper

79 100

52 99.1 54.8 82.2#

51 47.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 37.37 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

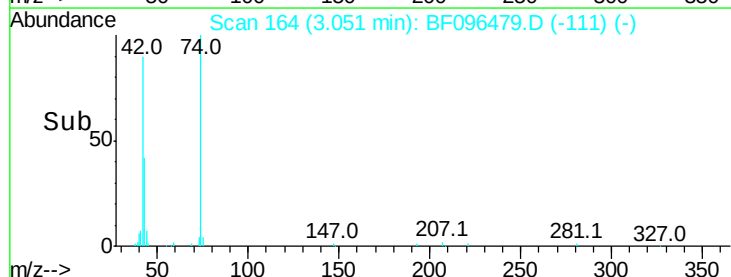
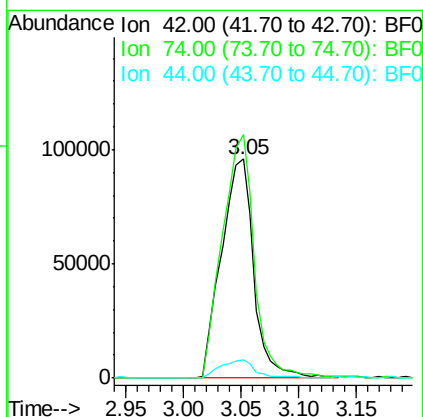
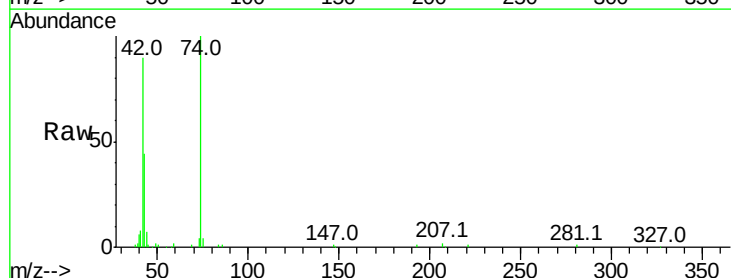
Tgt Ion: 42 Resp: 186099

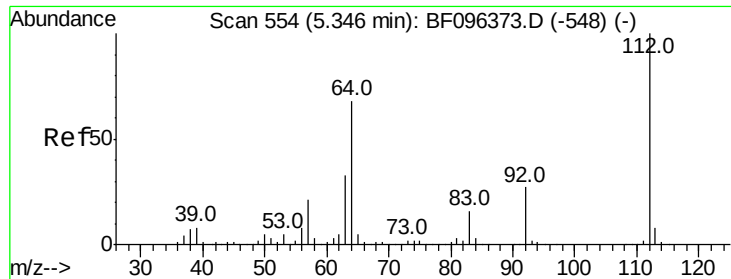
Ion Ratio Lower Upper

42 100

74 111.3 103.9 155.9

44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 119.24 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

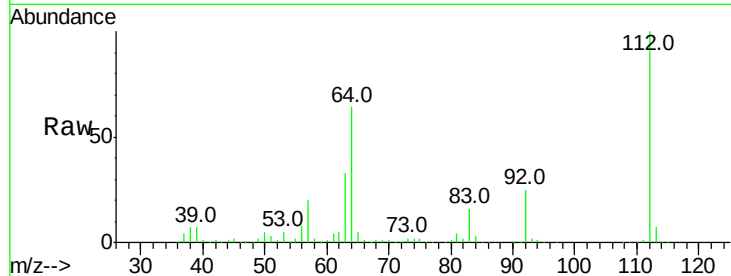
Tot Ion:112 Resp: 924643

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

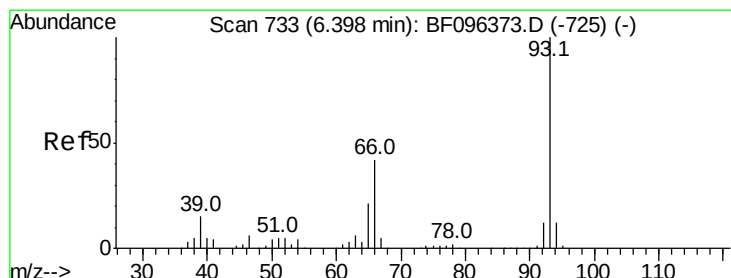
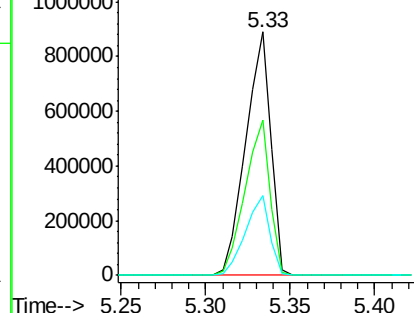
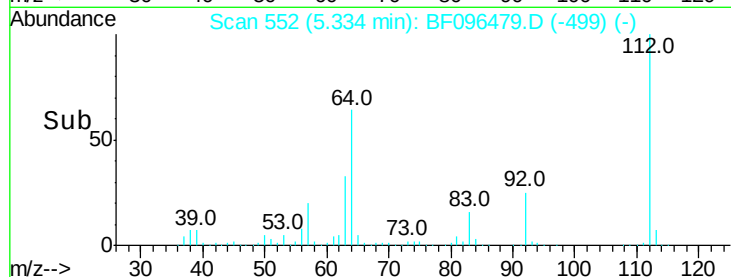
63 32.6 23.4 35.0



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: 29.93 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

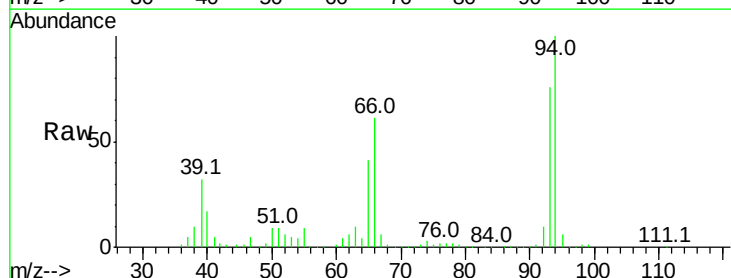
Tgt Ion: 93 Resp: 368777

Ion Ratio Lower Upper

93 100

66 80.6 32.9 49.3#

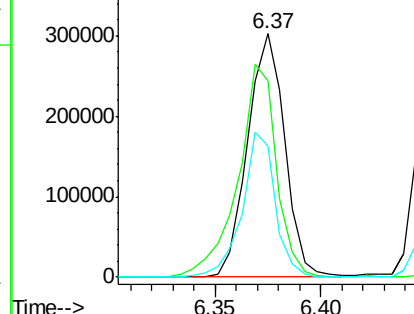
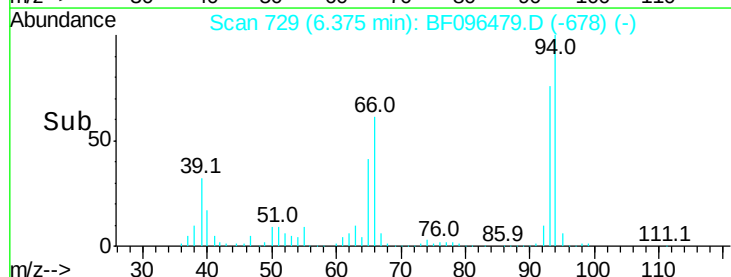
65 53.6 16.0 24.0#

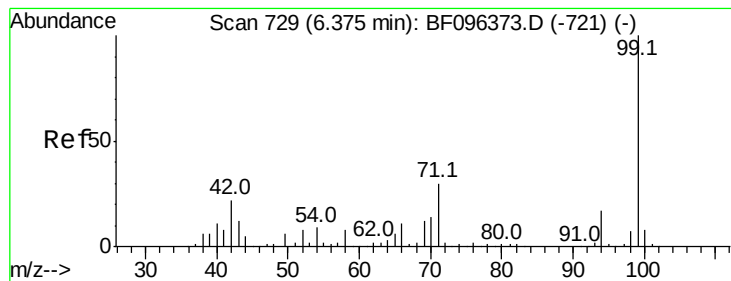


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.06 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

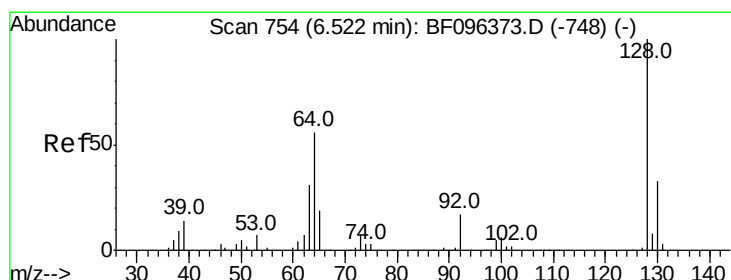
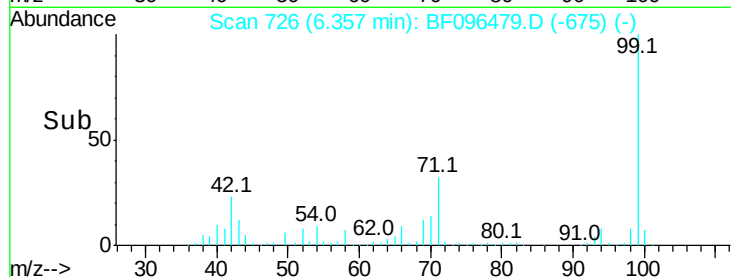
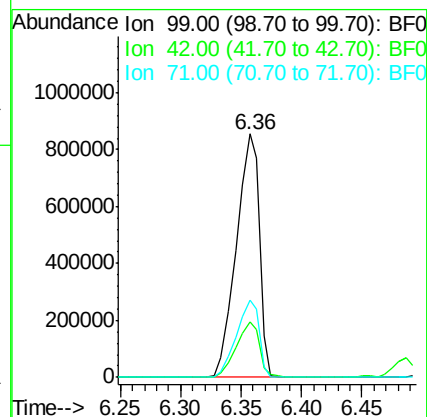
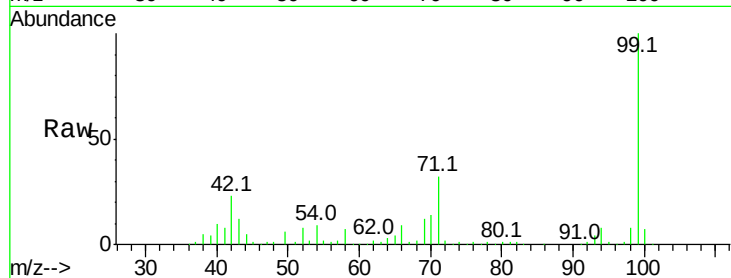
BNA_F

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Tot Ion: 99 Resp: 1135044

Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	31.8	24.5	36.7



#8

2-Chlorophenol

Concen: 37.68 ng

RT: 6.50 min Scan# 751

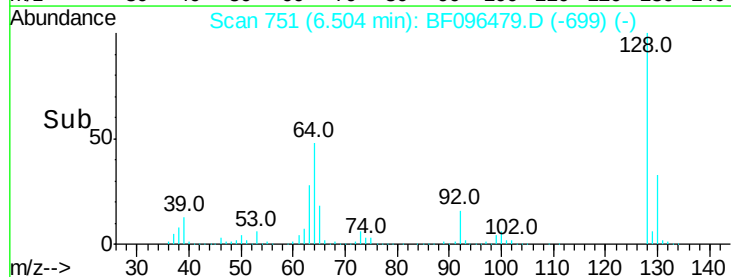
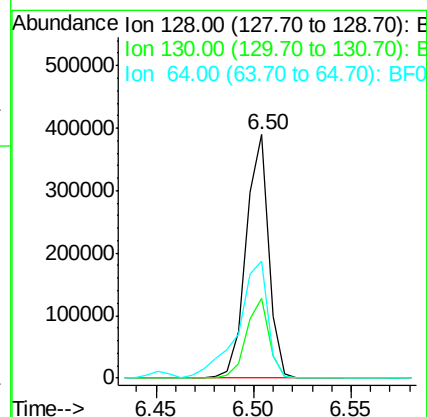
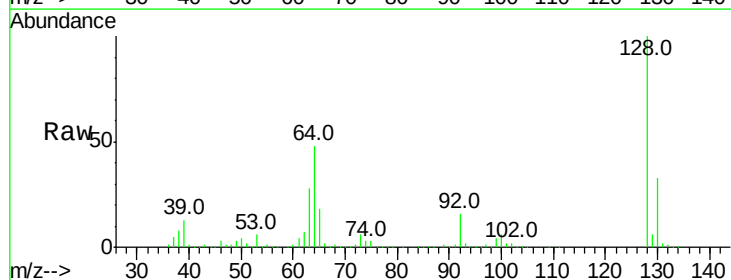
Delta R.T. 0.01 min

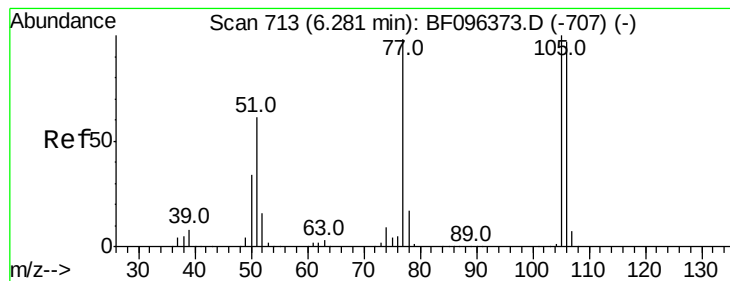
Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Tgt Ion:128 Resp: 311605

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	47.9	28.4	68.4





#9

Benzaldehyde

Concen: 20.65 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

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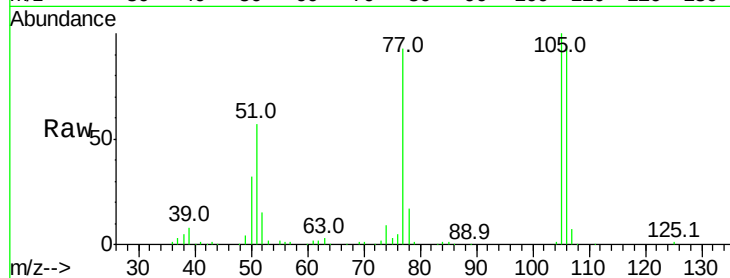
Tot Ion: 77 Resp: 123222

Ion Ratio Lower Upper

77 100

105 107.0 83.8 123.8

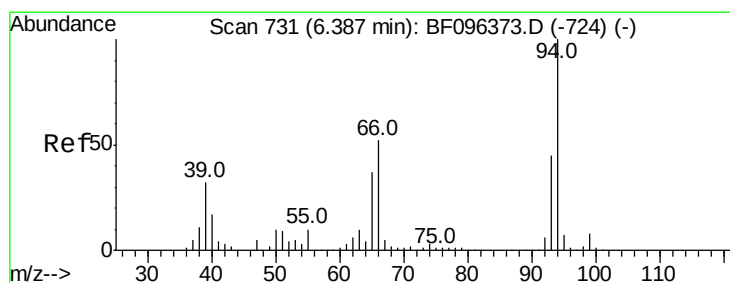
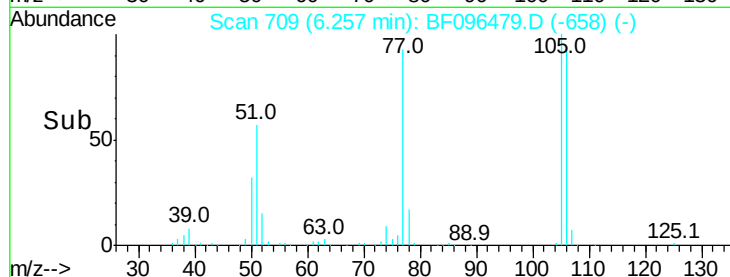
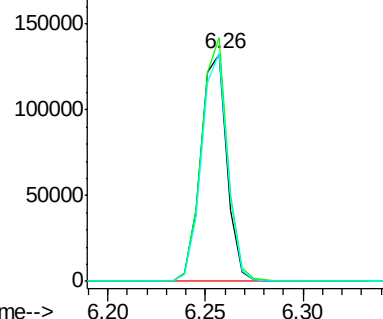
106 100.1 79.1 119.1



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: 37.37 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

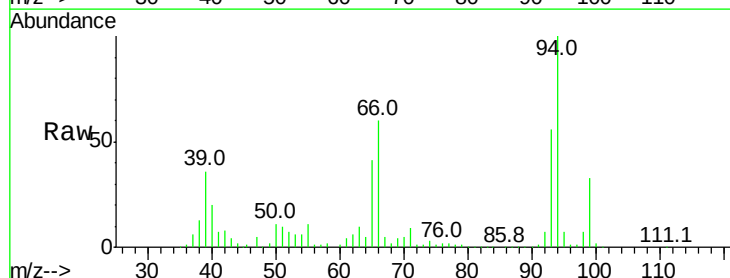
Tgt Ion: 94 Resp: 405846

Ion Ratio Lower Upper

94 100

65 41.3 9.9 49.9

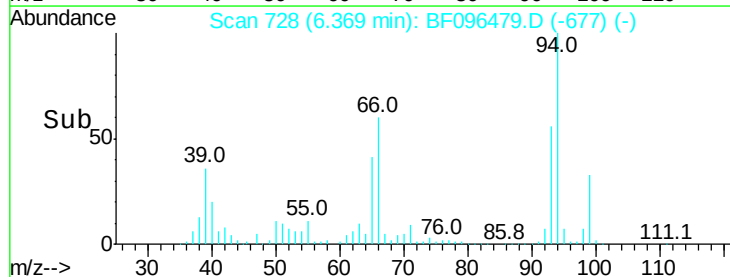
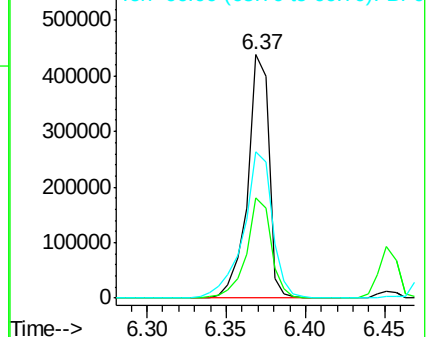
66 60.3 23.1 63.1

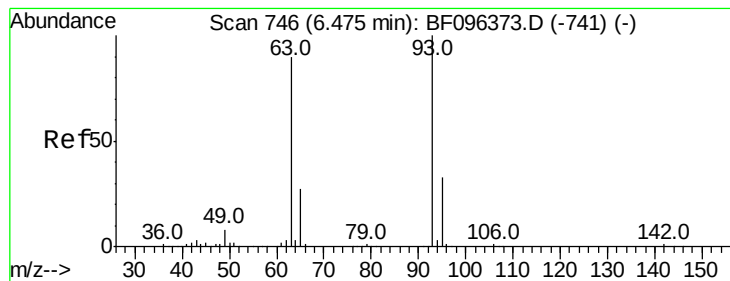


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 35.57 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

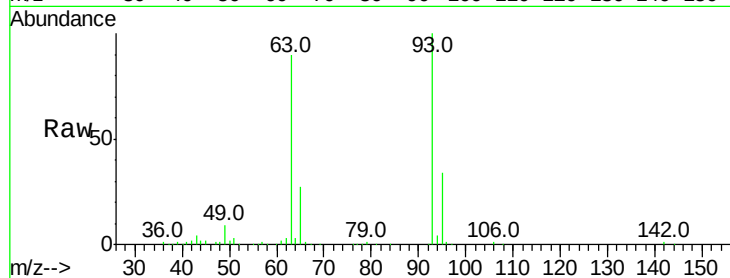
Tot Ion: 93 Resp: 298546

Ion Ratio Lower Upper

93 100

63 90.4 59.2 99.2

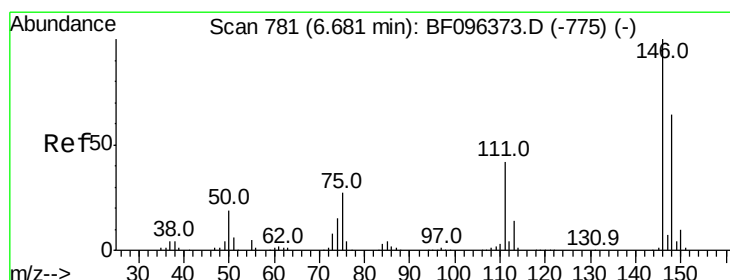
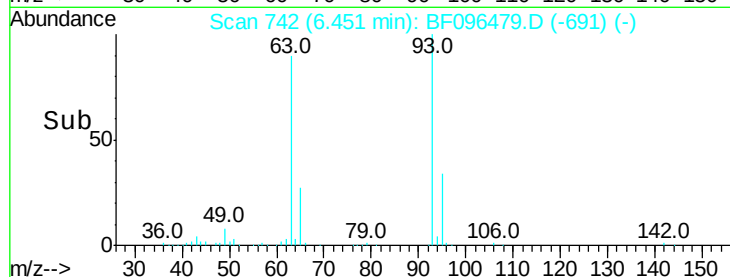
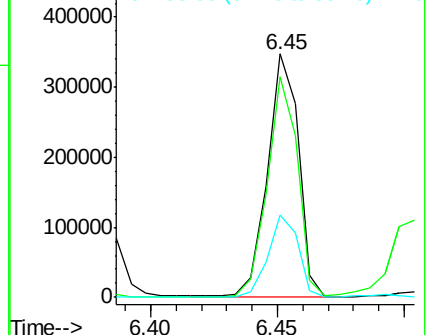
95 33.6 12.8 52.8



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: 37.36 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

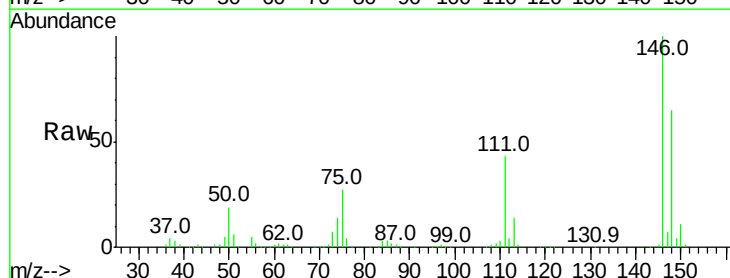
Tgt Ion: 146 Resp: 323973

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

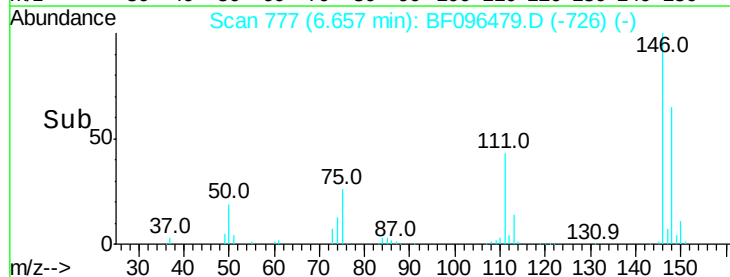
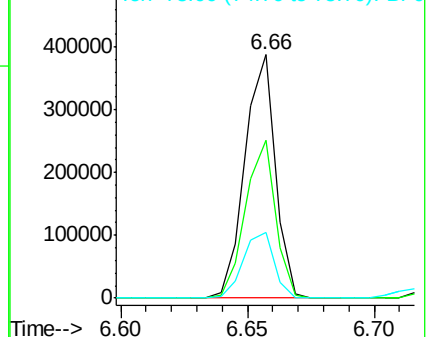
75 26.9 23.1 34.7

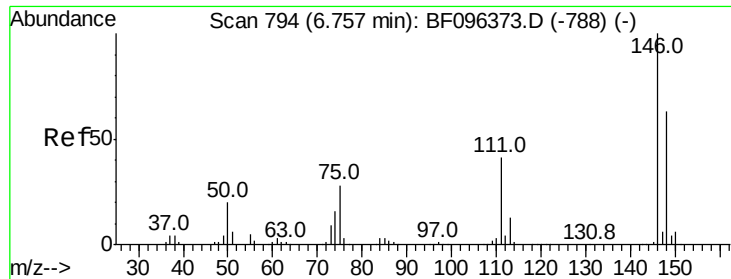


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

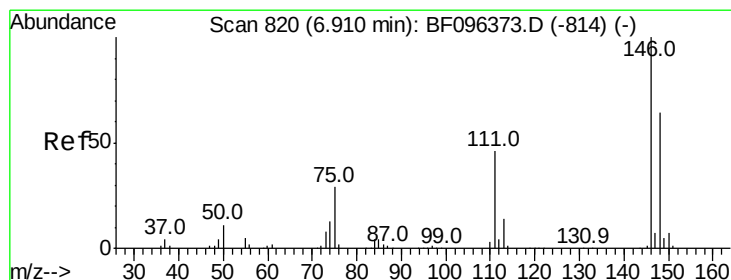
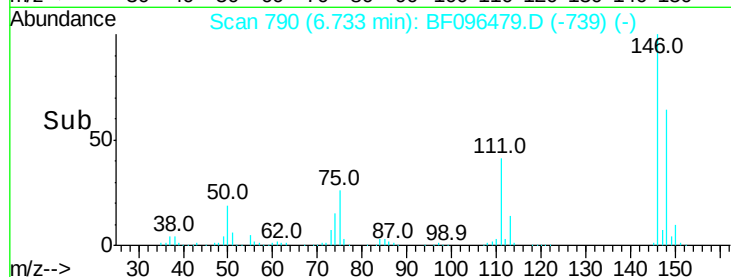
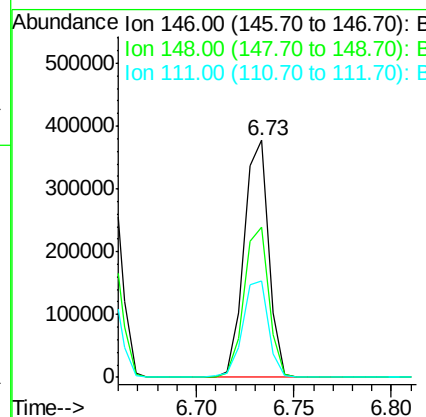
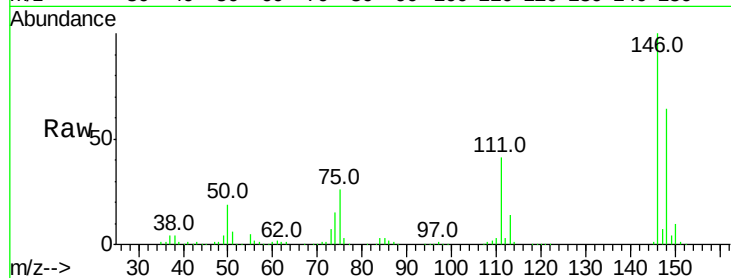




#13
 1,4-Dichlorobenzene
 Concen: 38.09 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

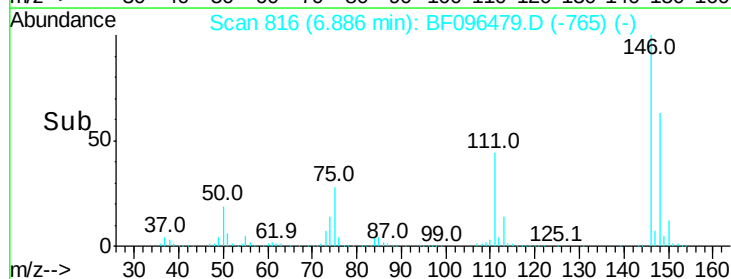
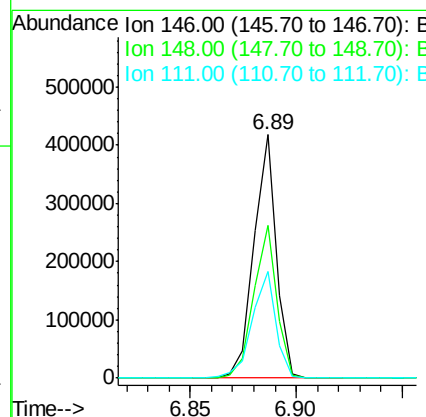
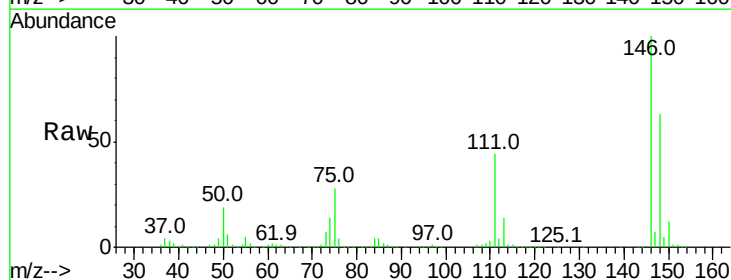
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

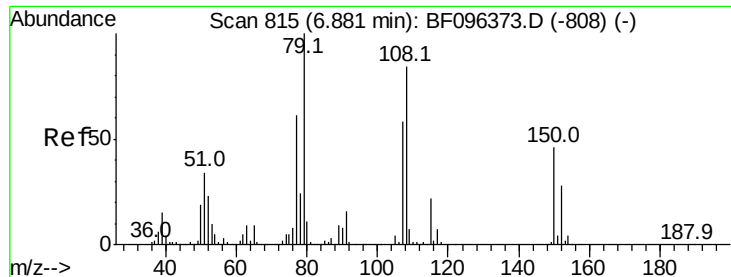
Tot Ion:146 Resp: 330142
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 40.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 38.81 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:146 Resp: 308824
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.4 75.6
 111 44.0 38.2 57.4

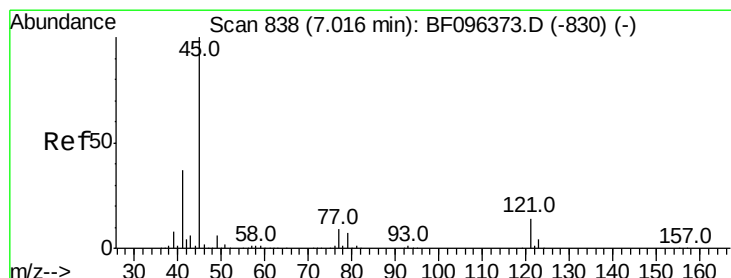
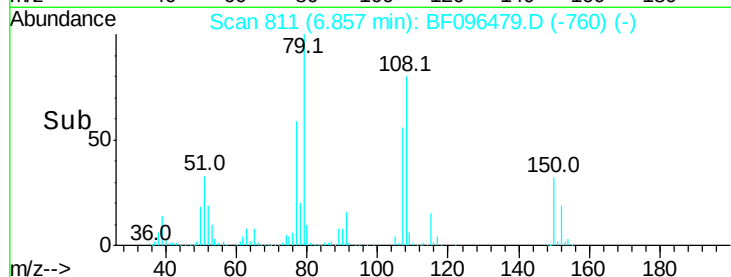
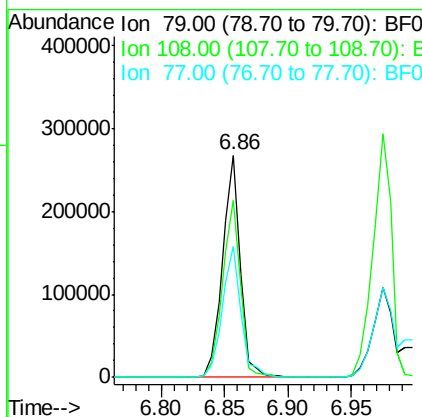
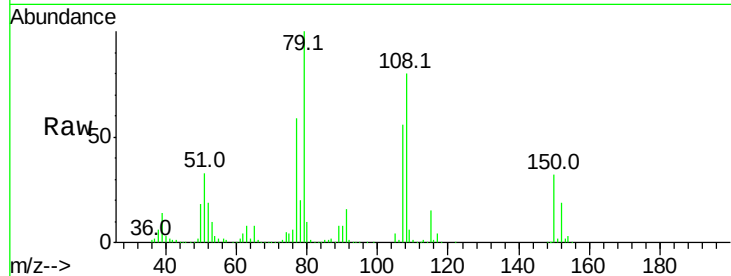




#15
Benzyl Alcohol
Concen: 40.85 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

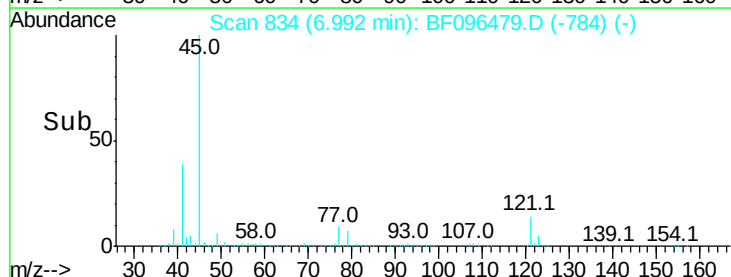
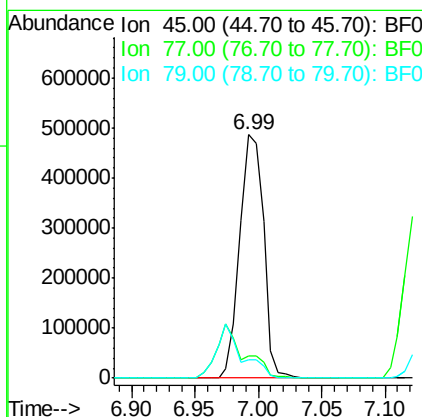
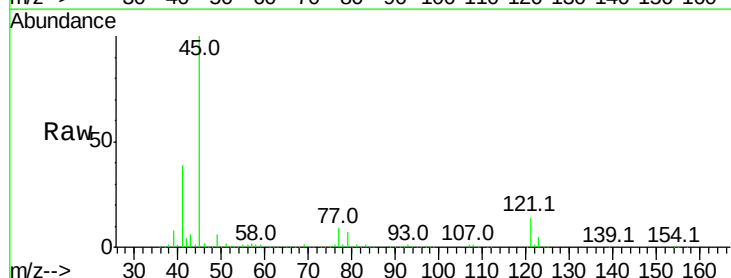
Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

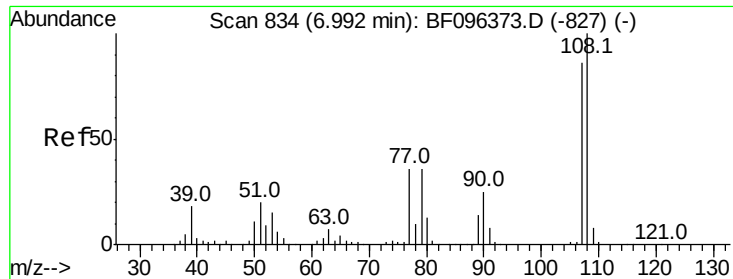
Tot Ion: 79 Resp: 260341
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.18 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion: 45 Resp: 634376
Ion Ratio Lower Upper
45 100
77 9.3 0.0 33.2
79 7.4 0.0 30.0

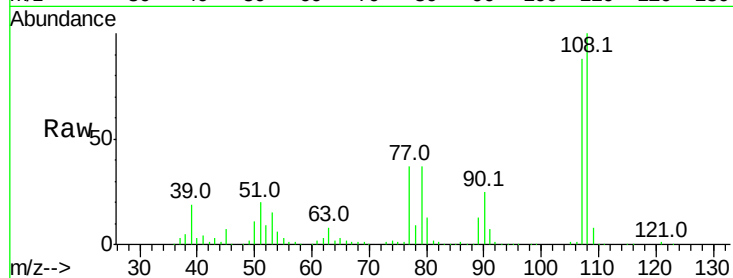




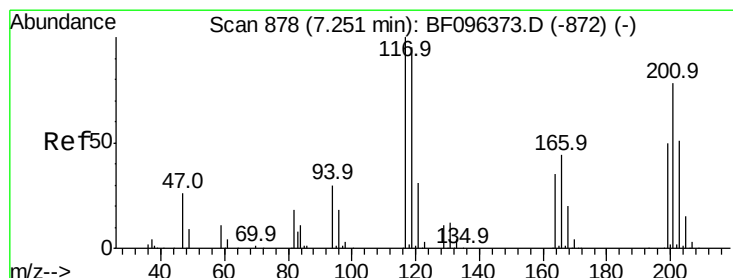
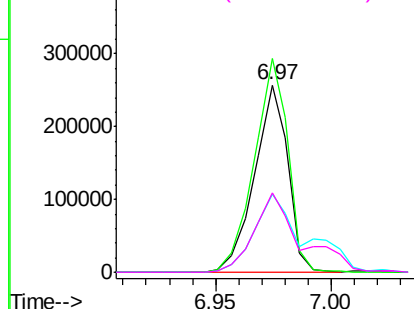
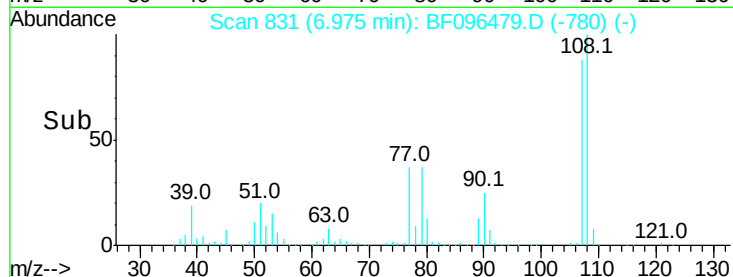
#17
2-Methylphenol
Concen: 39.38 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:107 Resp: 259499
Ion Ratio Lower Upper
107 100
108 113.9 93.4 140.0
77 41.9 35.8 53.6
79 42.2 34.8 52.2

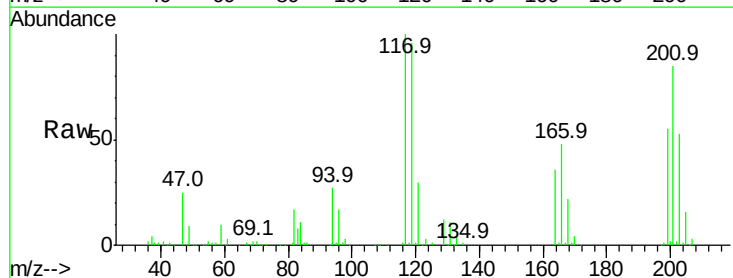


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

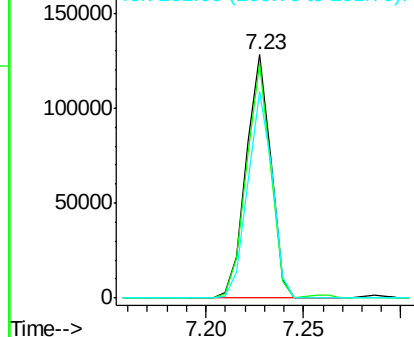
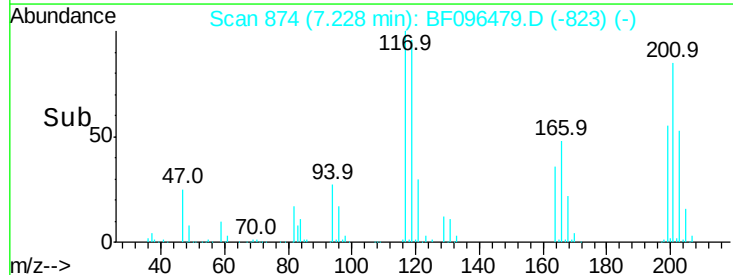


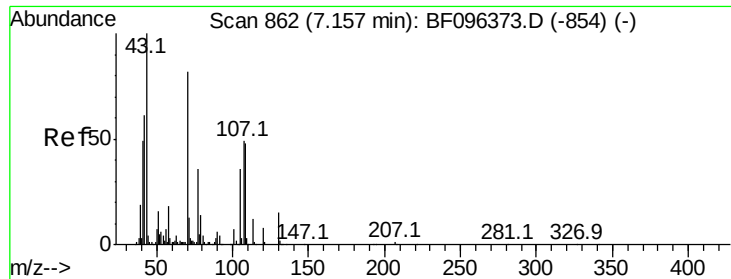
#18
Hexachloroethane
Concen: 35.87 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:117 Resp: 112714
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.0
201 84.7 94.6 141.8#



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

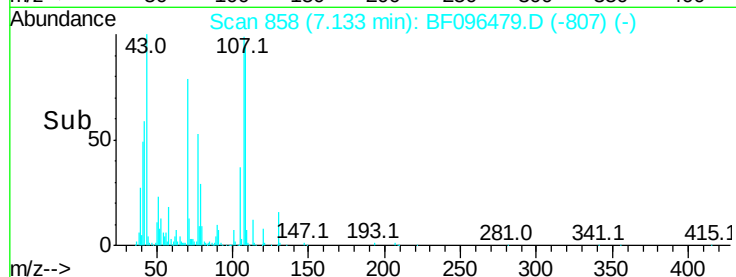
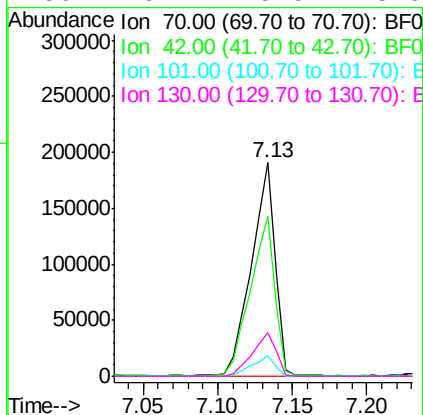
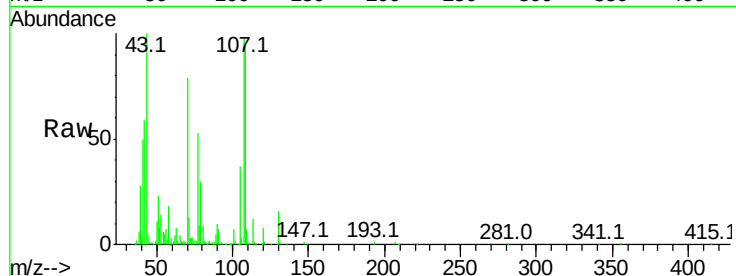




#19
n-Nitroso-di-n-propylamine
Concen: 36.94 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

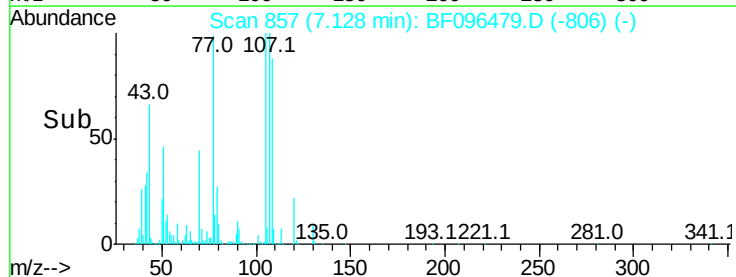
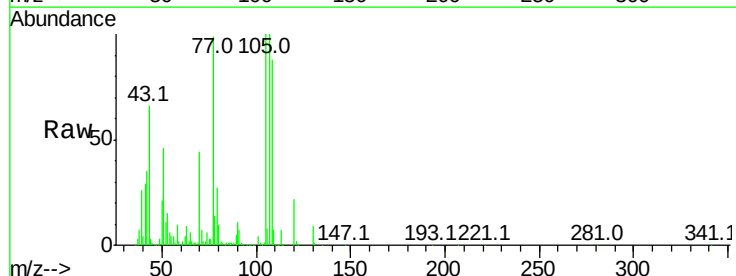
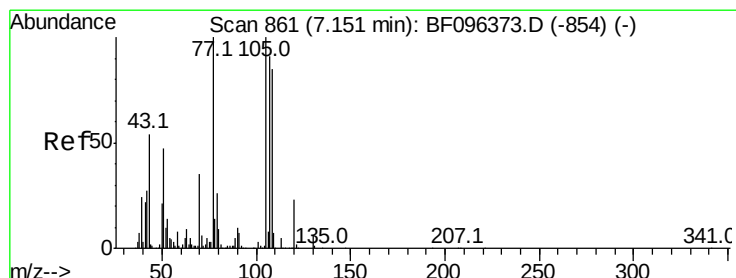
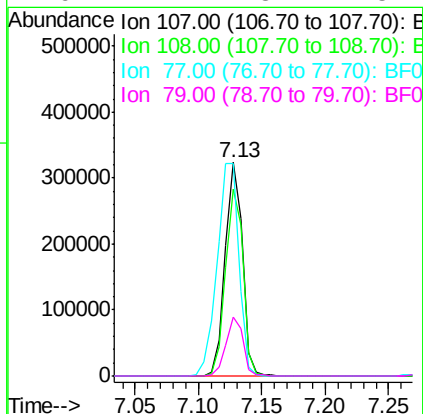
Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

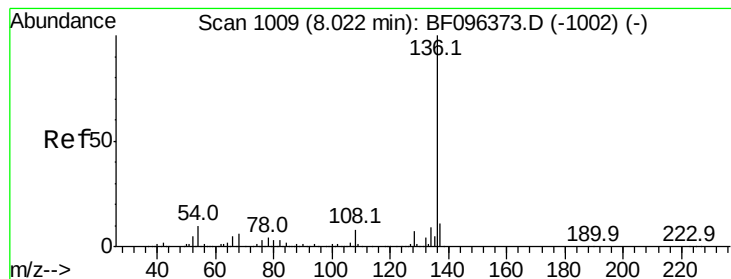
Tot Ion: 70 Resp: 209779
Ion Ratio Lower Upper
70 100
42 75.2 47.2 70.8#
101 9.5 7.2 10.8
130 20.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.73 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion: 107 Resp: 306777
Ion Ratio Lower Upper
107 100
108 87.7 71.0 111.0
77 99.4 90.5 130.5
79 27.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

Tot Ion:136 Resp: 510500

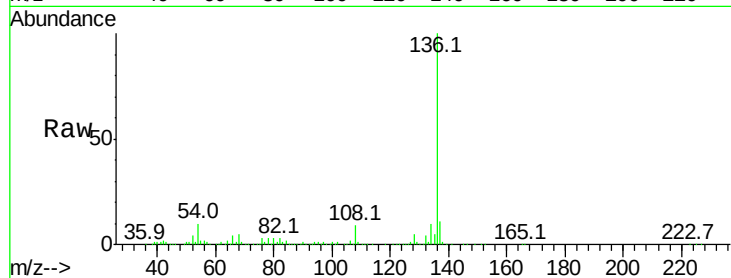
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 9.7 4.9 7.3#

68 5.1 4.1 6.1

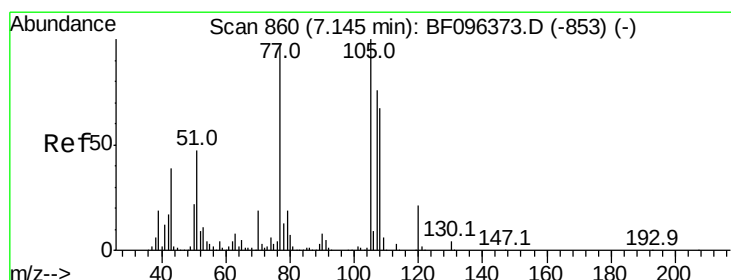
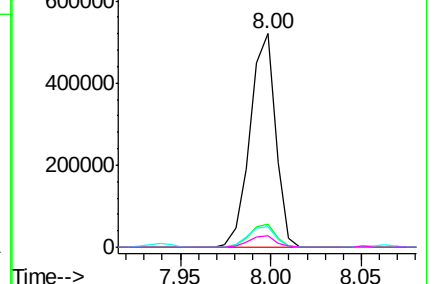
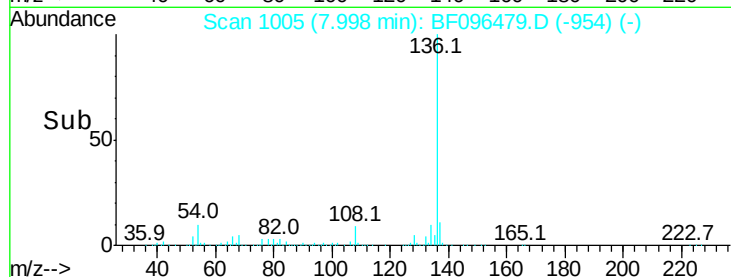


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.81 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Tgt Ion:105 Resp: 410620

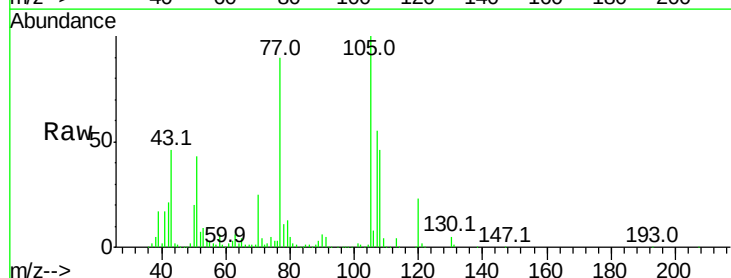
Ion Ratio Lower Upper

105 100

71 4.3 2.8 4.2#

51 42.9 30.7 46.1

120 22.7 17.4 26.0

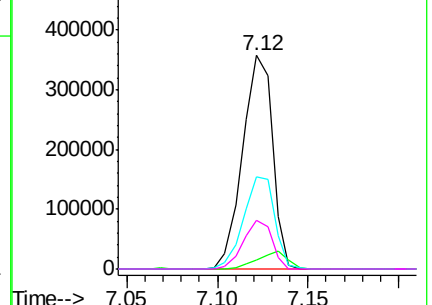
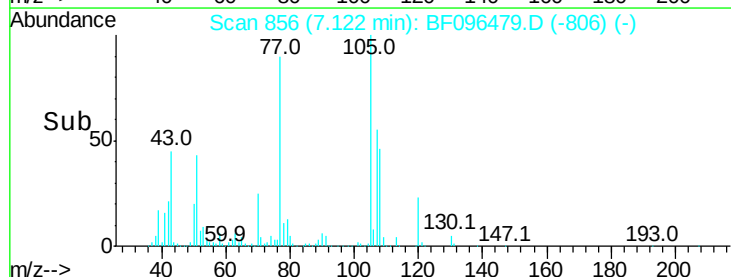


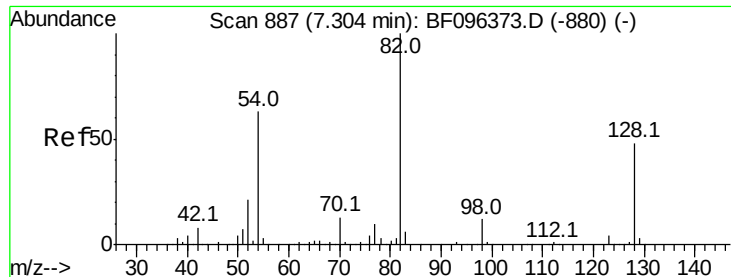
Abundance Ion 105.00 (104.70 to 105.70): E

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

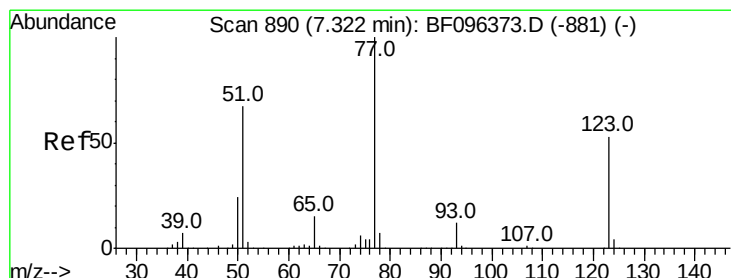
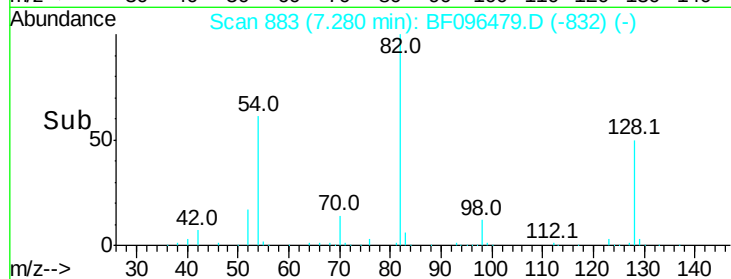
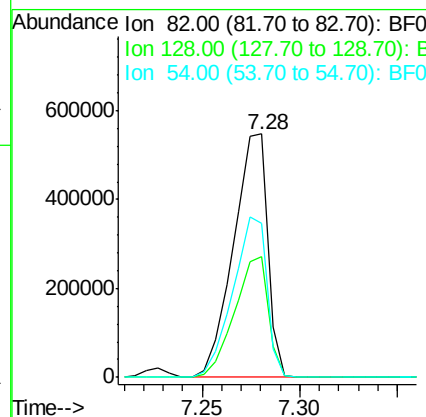
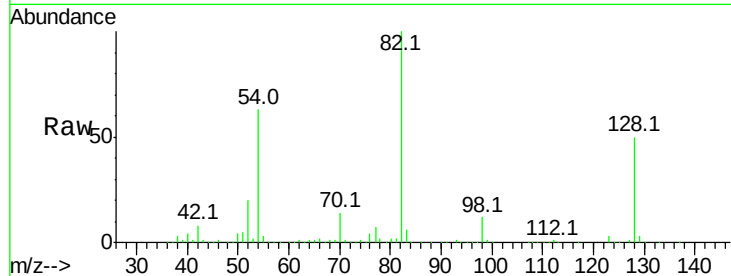




#23
 Nitrobenzene-d5
 Concen: 78.35 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

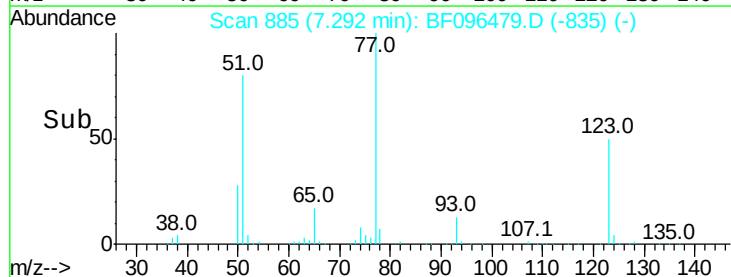
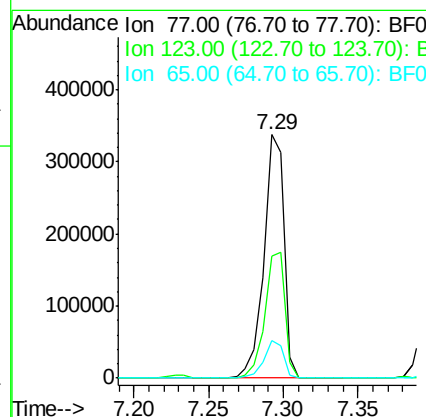
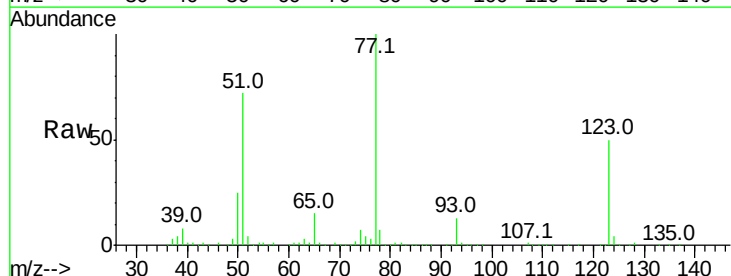
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

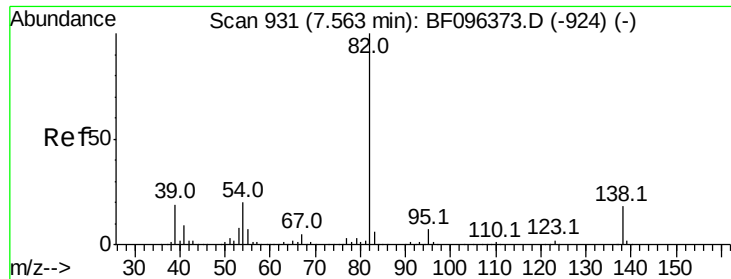
Tot Ion: 82 Resp: 665654
 Ion Ratio Lower Upper
 82 100
 128 49.8 34.0 51.0
 54 63.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 34.82 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion: 77 Resp: 310304
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 15.3 10.6 15.8





#25

Isophorone

Concen: 35.16 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

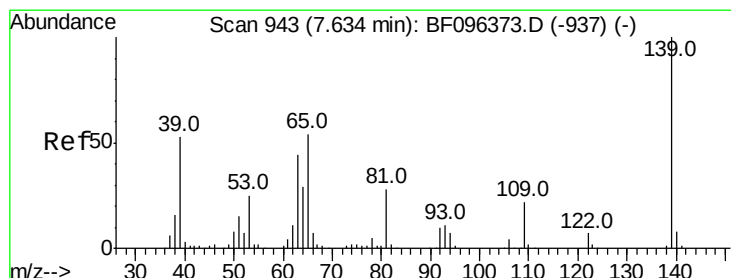
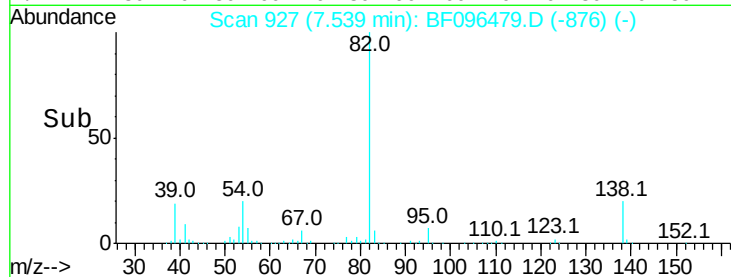
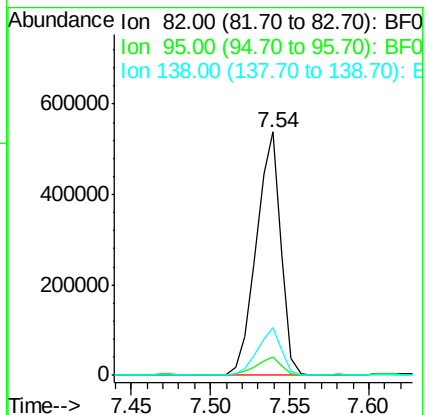
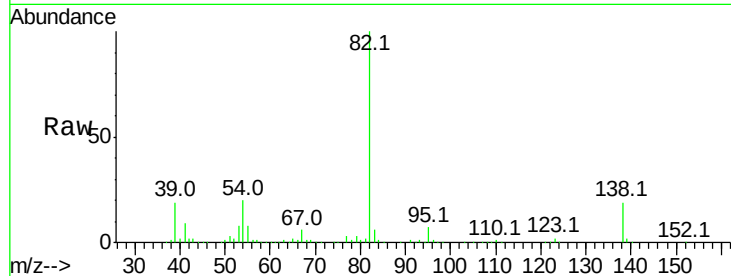
Tot Ion: 82 Resp: 579146

Ion Ratio Lower Upper

82 100

95 7.3 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 38.58 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

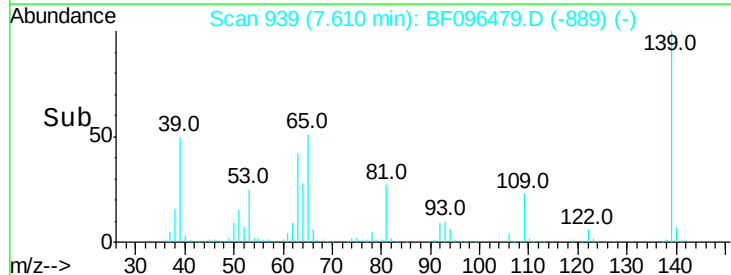
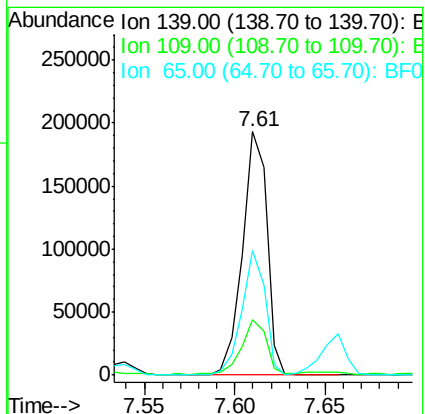
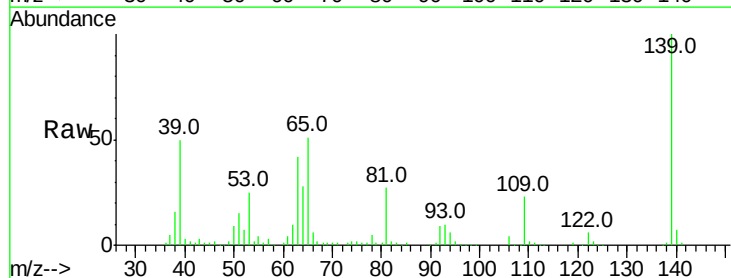
Tgt Ion:139 Resp: 182004

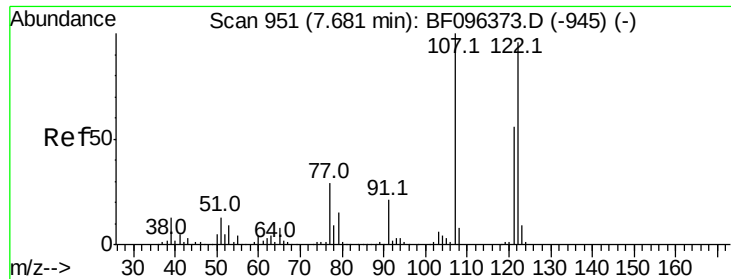
Ion Ratio Lower Upper

139 100

109 23.0 21.0 31.6

65 51.1 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.53 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

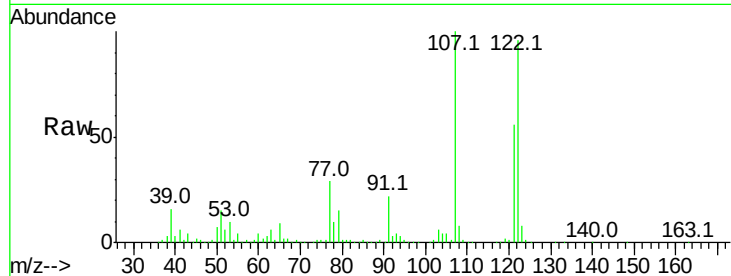
Tot Ion:122 Resp: 317523

Ion Ratio Lower Upper

122 100

107 104.7 89.2 133.8

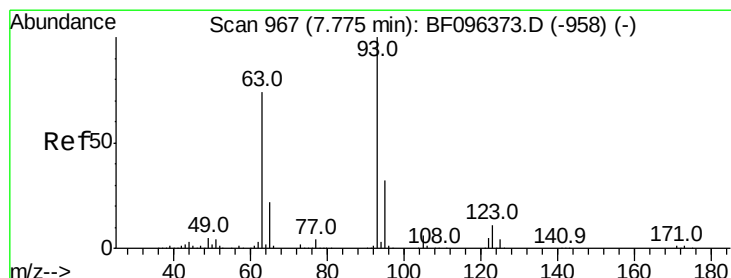
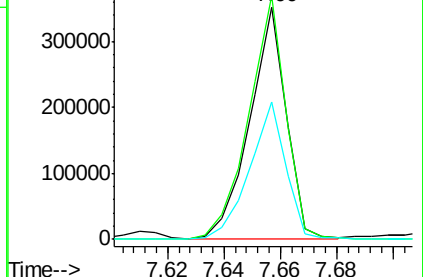
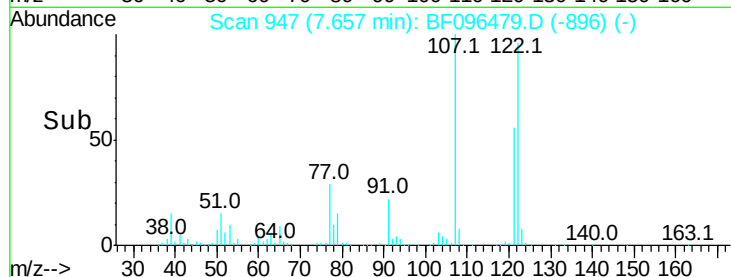
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.50 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

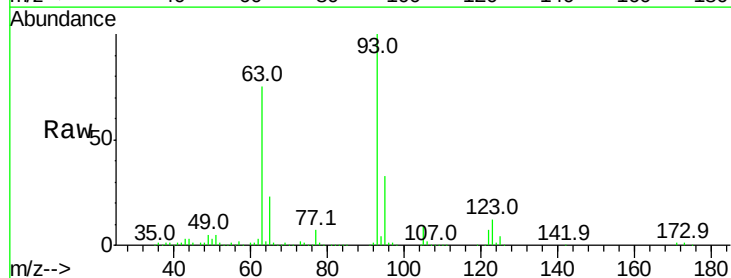
Tgt Ion: 93 Resp: 440372

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

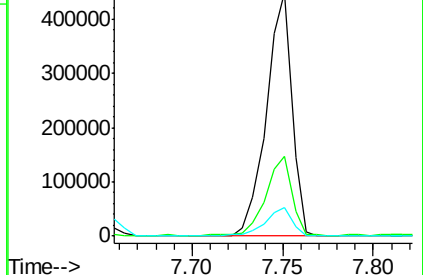
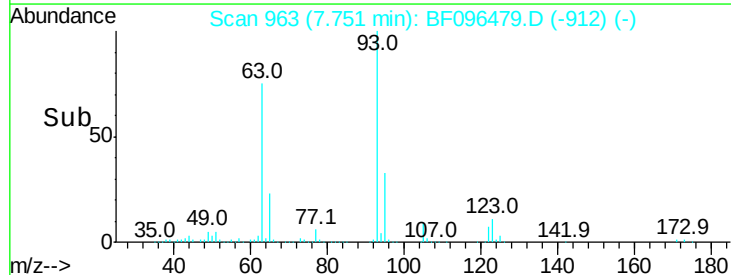
123 11.6 9.0 13.4

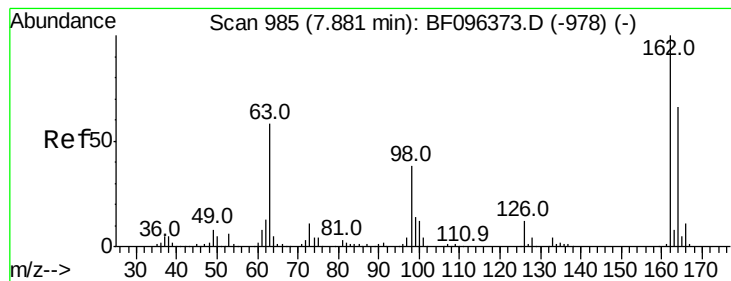


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.18 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

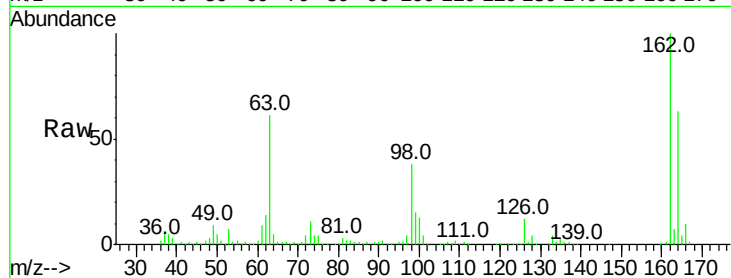
Tot Ion:162 Resp: 278480

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

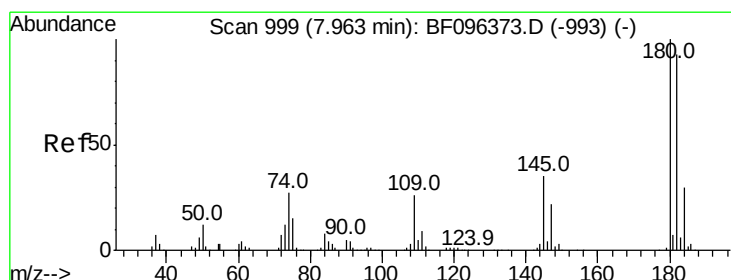
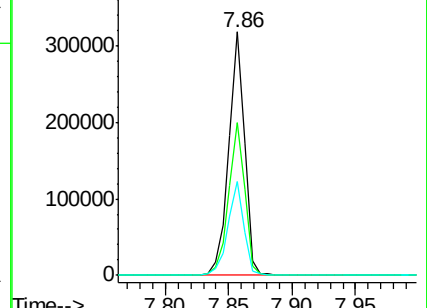
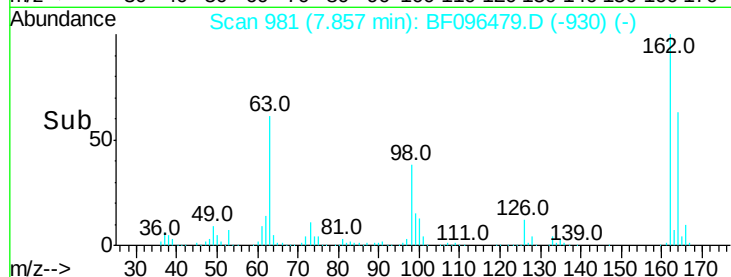
98 38.5 14.8 54.8



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: 38.92 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

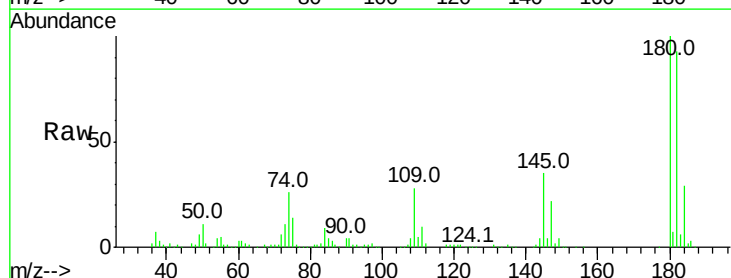
Tgt Ion:180 Resp: 254393

Ion Ratio Lower Upper

180 100

182 93.0 75.8 113.6

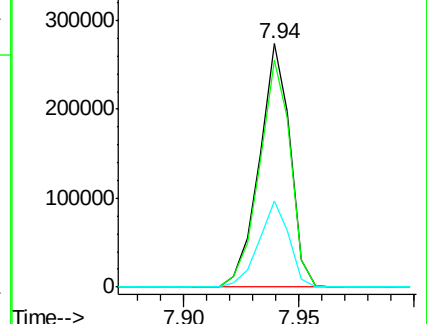
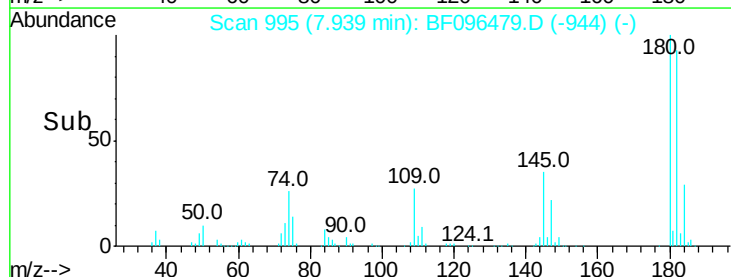
145 35.4 25.3 37.9

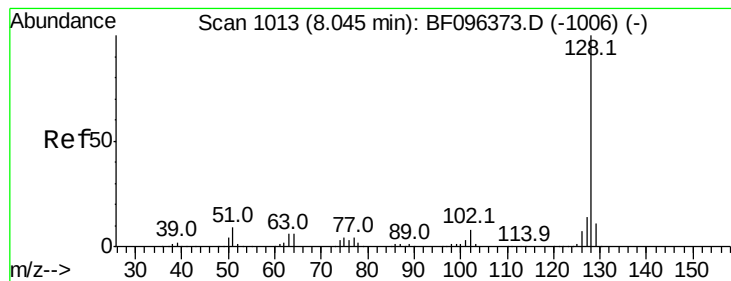


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.92 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

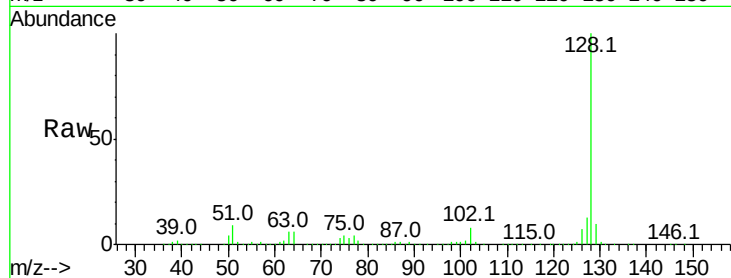
Tot Ion:128 Resp: 986110

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

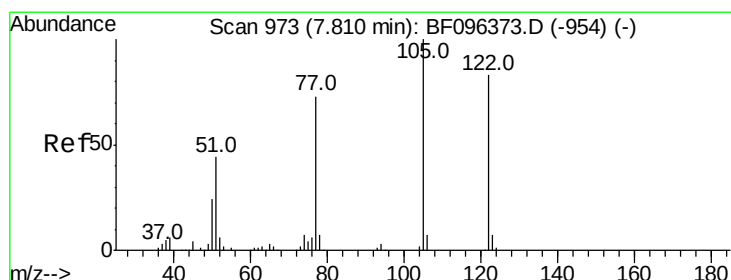
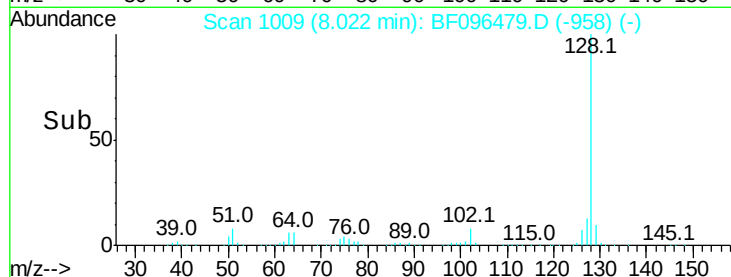
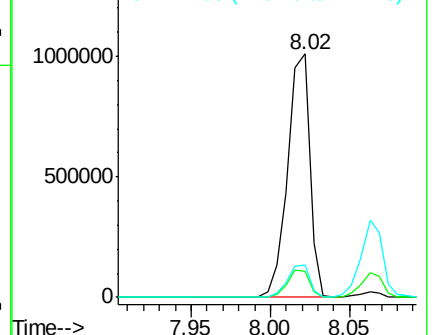
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.95 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.05 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

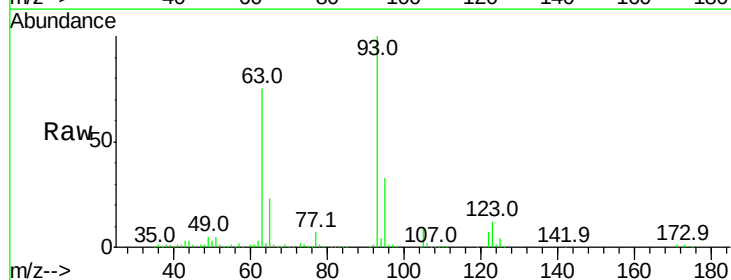
Tgt Ion:122 Resp: 73889

Ion Ratio Lower Upper

122 100

105 120.4 103.3 143.3

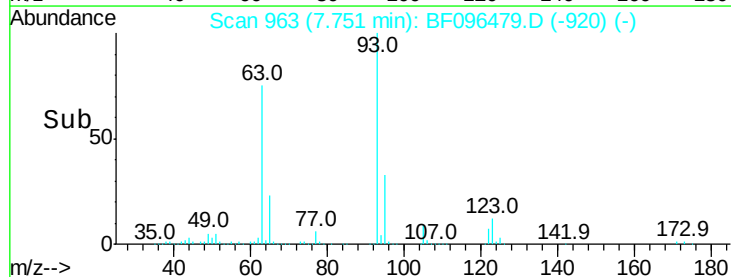
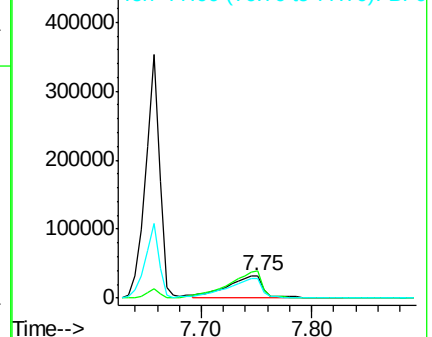
77 91.0 73.7 113.7

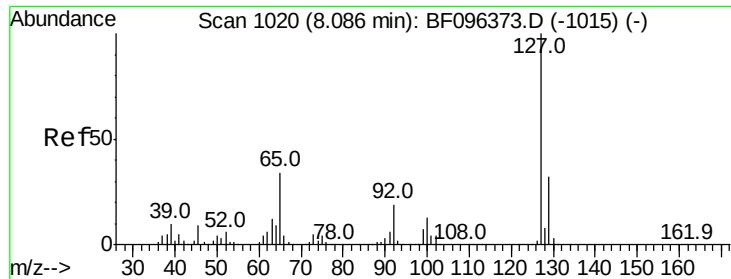


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

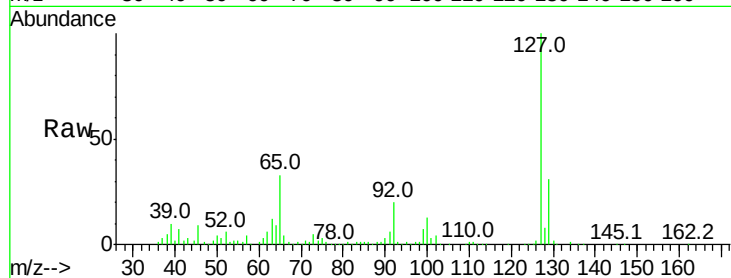




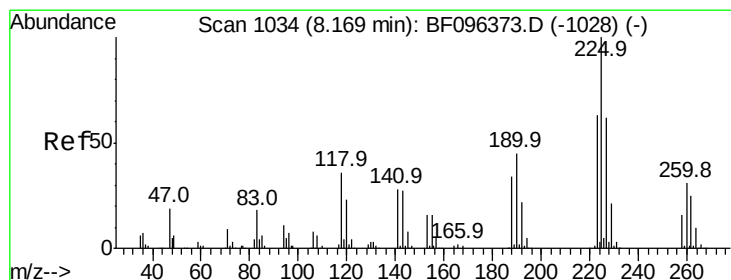
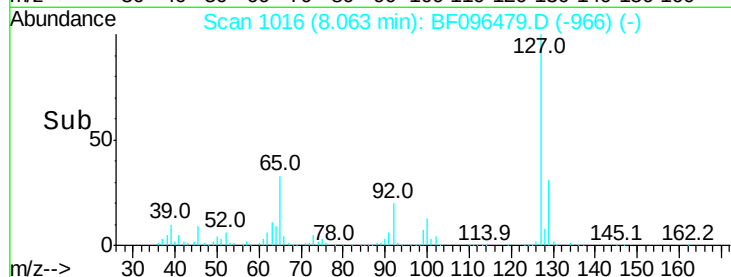
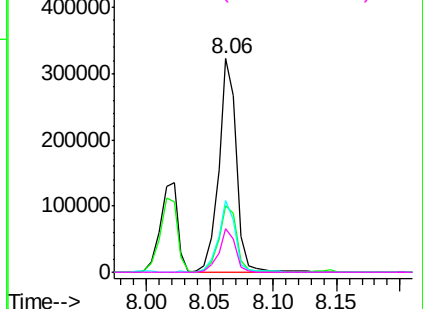
#33
4-Chloroaniline
Concen: 31.20 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:	127	Resp:	312313
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.2
65	33.3	27.8	41.8
92	20.3	16.8	25.2

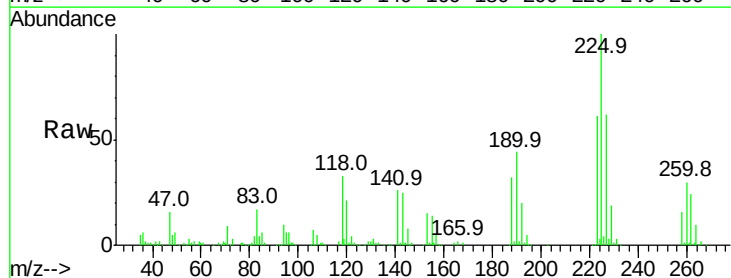


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

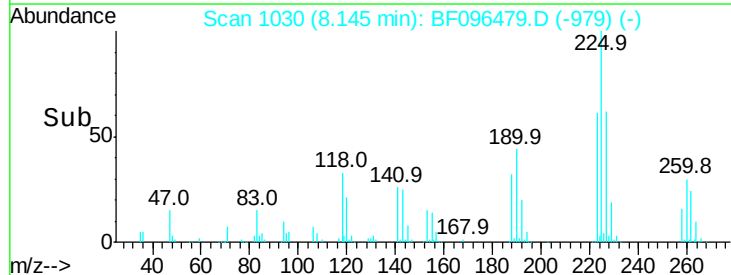
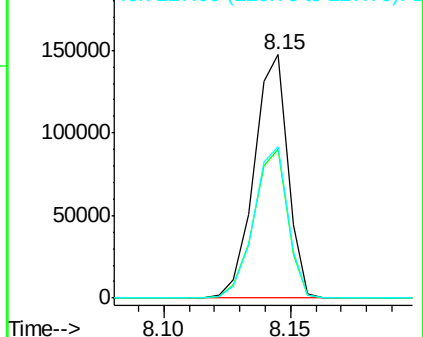


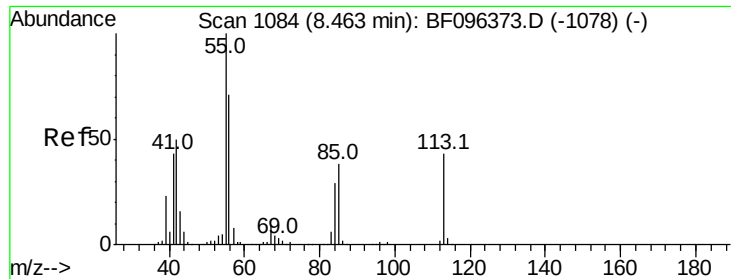
#34
Hexachlorobutadiene
Concen: 40.87 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:	225	Resp:	137037
Ion	Ratio	Lower	Upper
225	100		
223	61.3	48.8	73.2
227	62.4	51.1	76.7



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





#35

Caprolactam

Concen: 40.48 ng/ml

RT: 8.43 min Scan# 1078

Delta R.T. -0.02 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

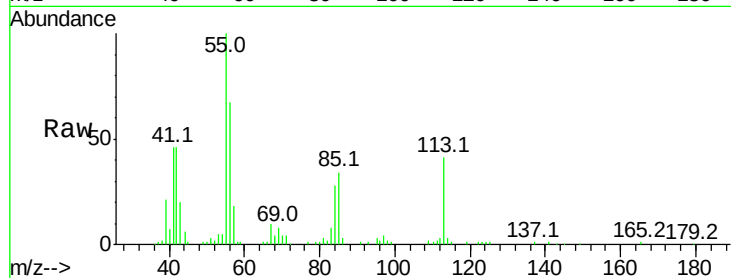
Tot Ion:113 Resp: 96735

Ion Ratio Lower Upper

113 100

55 246.2 150.2 190.2#

56 164.4 107.8 147.8#

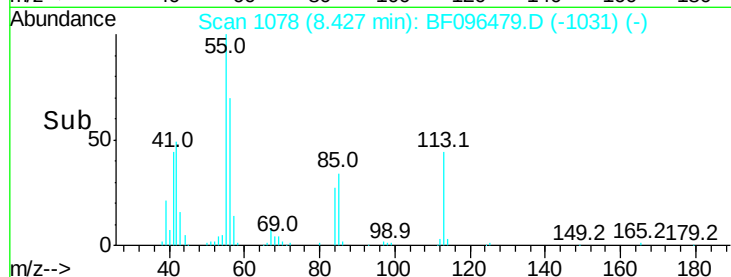


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



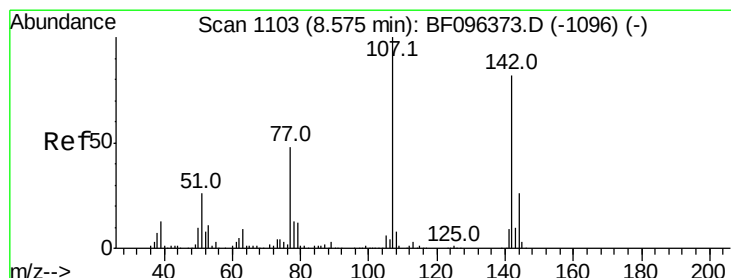
Abundance

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

Time-->



#36

4-Chloro-3-methylphenol

Concen: 36.08 ng/ml

RT: 8.56 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

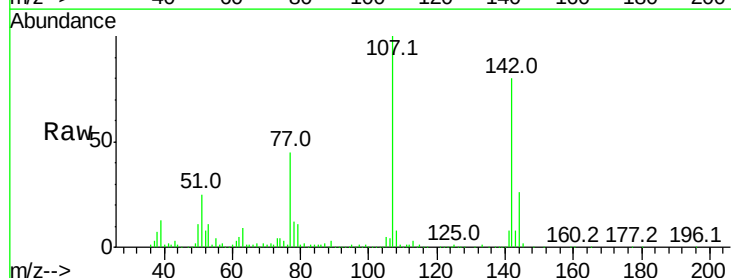
Tgt Ion:107 Resp: 276646

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

142 80.1 73.4 110.0

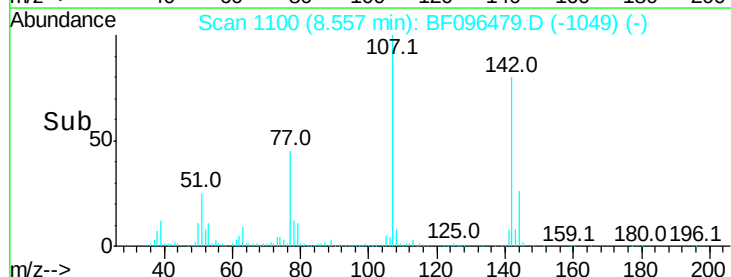


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



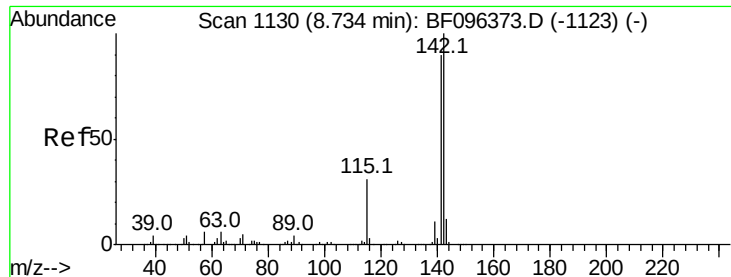
Abundance

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

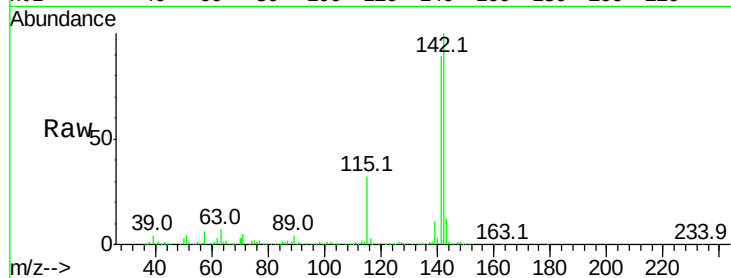
Time-->



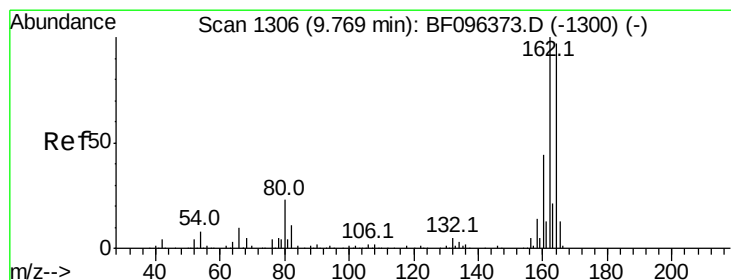
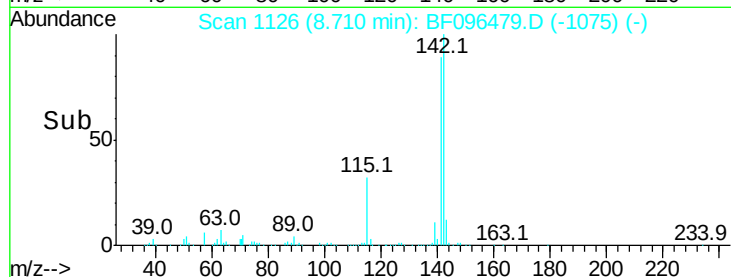
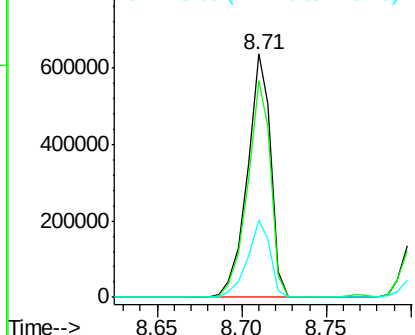
#37
2-Methylnaphthalene
Concen: 40.09 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:142 Resp: 614981
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 31.7 27.1 40.7

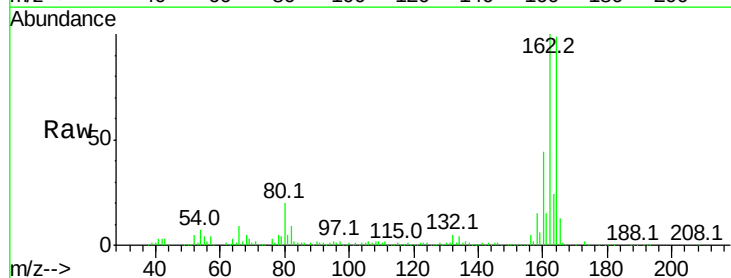


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

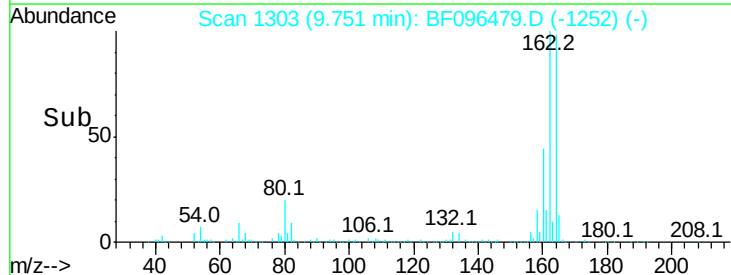
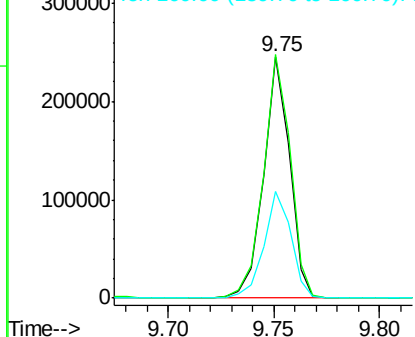


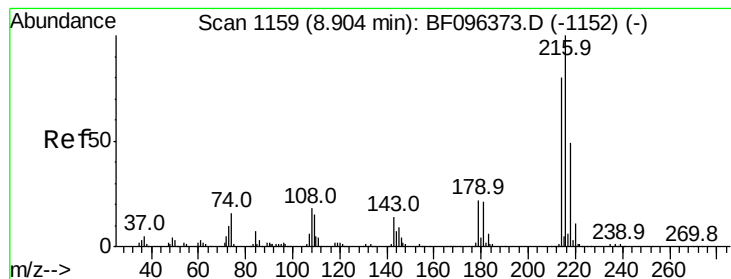
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:164 Resp: 211612
Ion Ratio Lower Upper
164 100
162 100.9 82.6 123.8
160 44.2 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: 38.98 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

Tot Ion:216 Resp: 214160

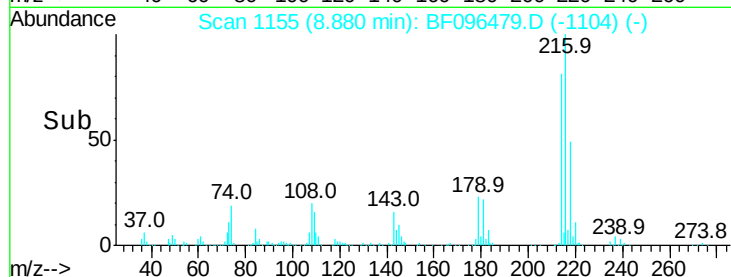
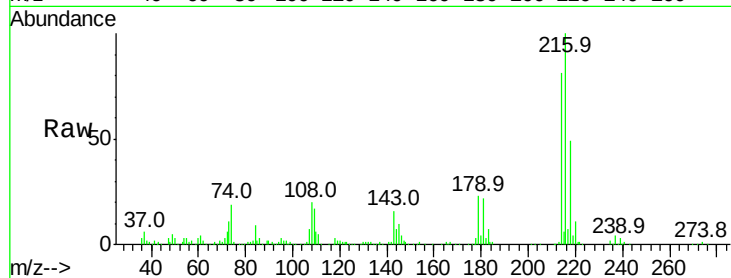
Ion Ratio Lower Upper

216 100

214 81.2 63.4 95.2

179 23.2 17.9 26.9

108 21.8 16.5 24.7

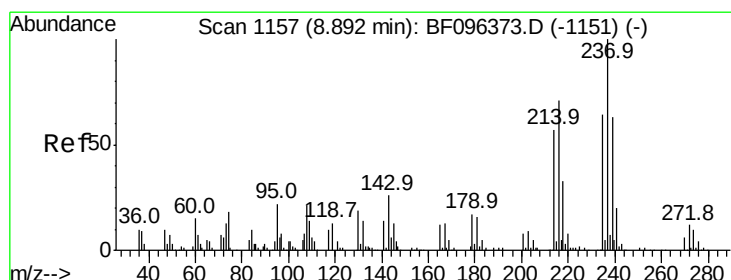
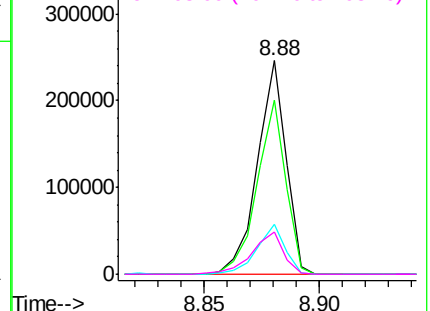


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.33 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

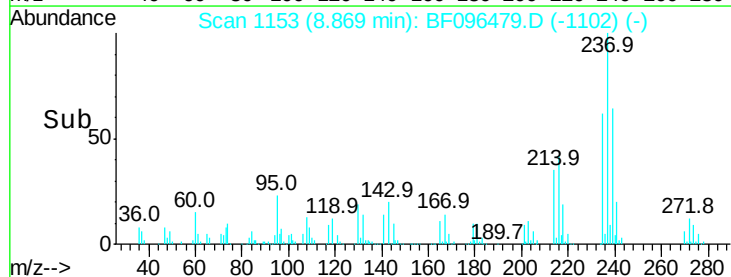
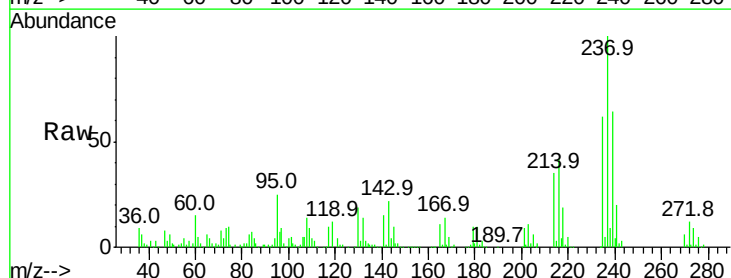
Tgt Ion:237 Resp: 113089

Ion Ratio Lower Upper

237 100

235 62.1 42.6 82.6

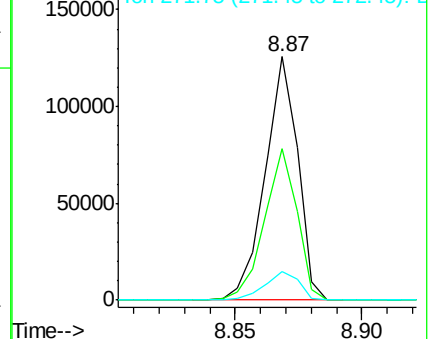
272 11.7 0.0 31.9

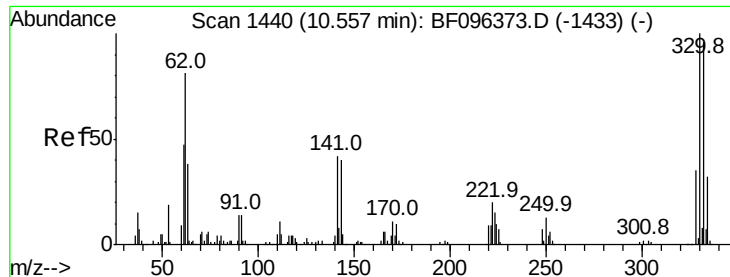


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

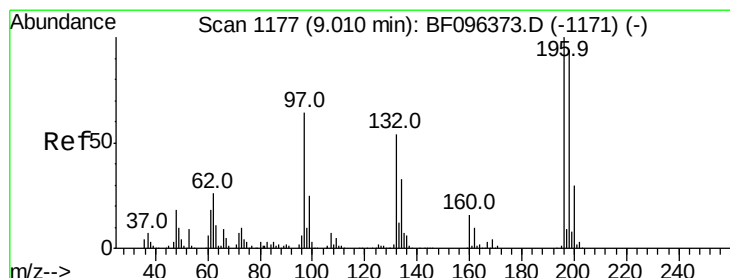
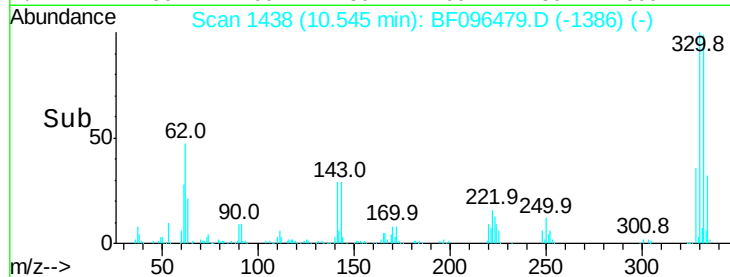
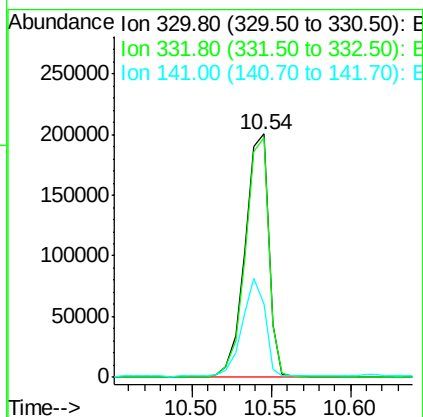
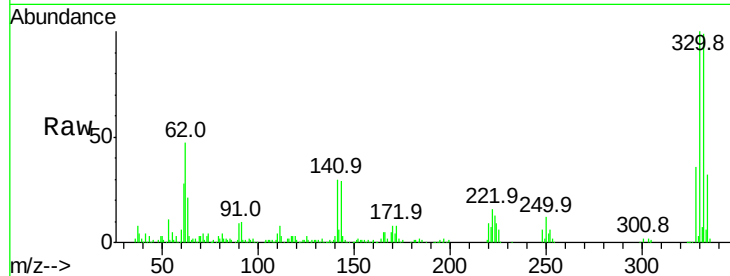




#41
 2,4,6-Tribromophenol
 Concen: 126.21 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

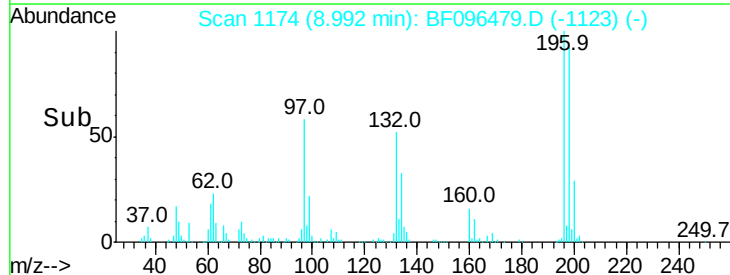
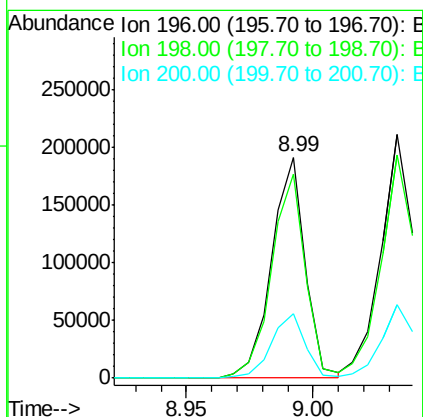
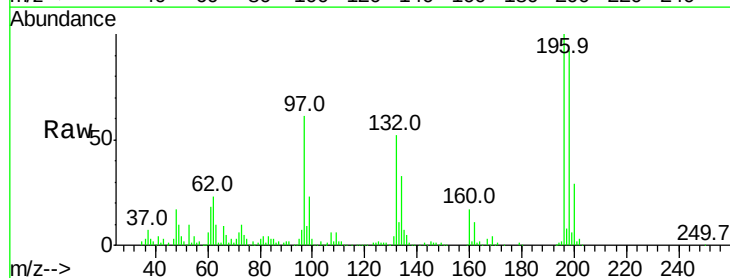
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

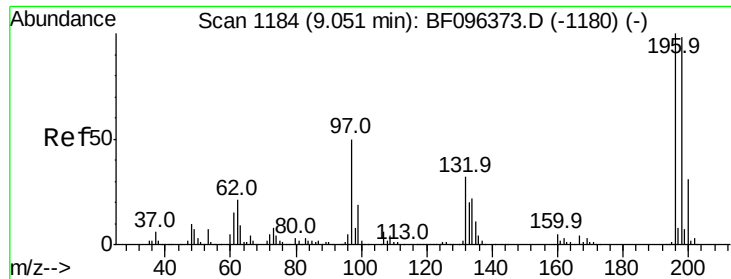
Tot Ion:330 Resp: 208617
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 115.0
 141 38.7 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.93 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:196 Resp: 177925
 Ion Ratio Lower Upper
 196 100
 198 92.4 74.2 111.4
 200 29.2 24.0 36.0

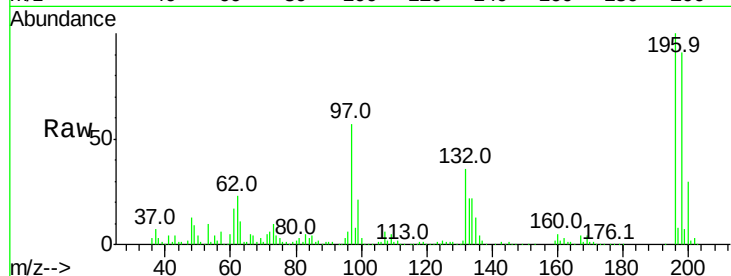




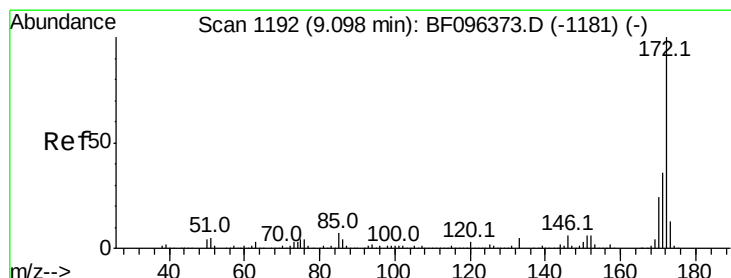
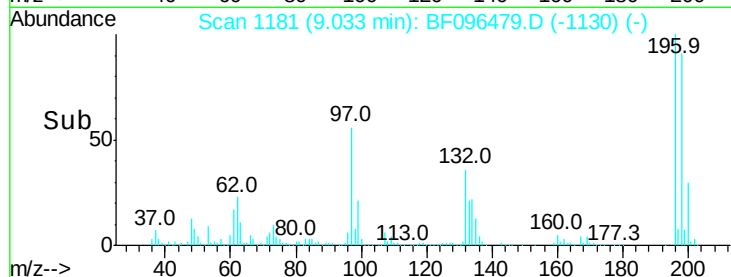
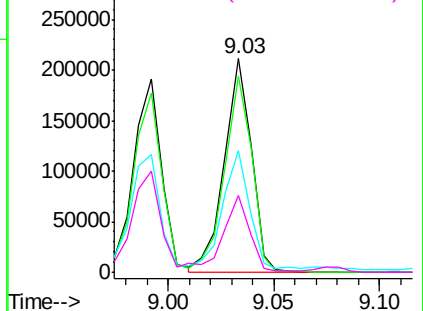
#43
 2,4,5-Trichlorophenol
 Concen: 43.58 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

Tot Ion:196 Resp: 187278
 Ion Ratio Lower Upper
 196 100
 198 91.5 75.7 113.5
 97 56.6 47.7 71.5
 132 35.9 28.0 42.0

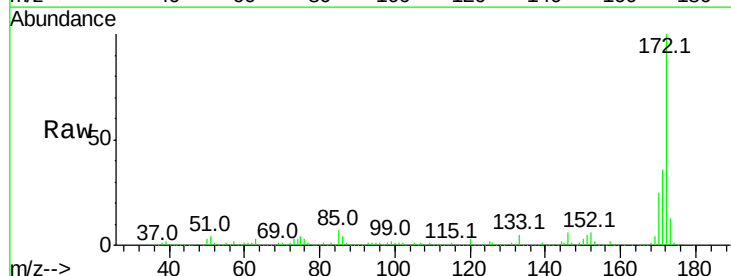


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

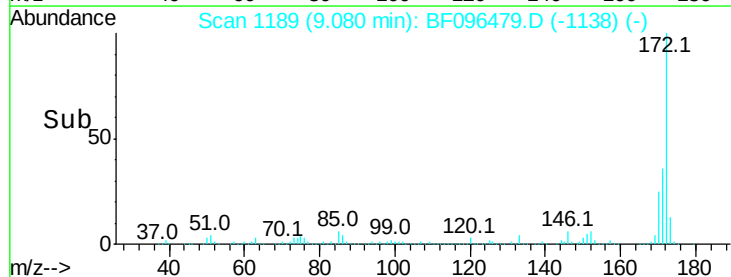
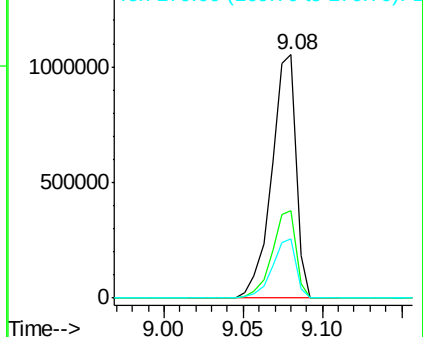


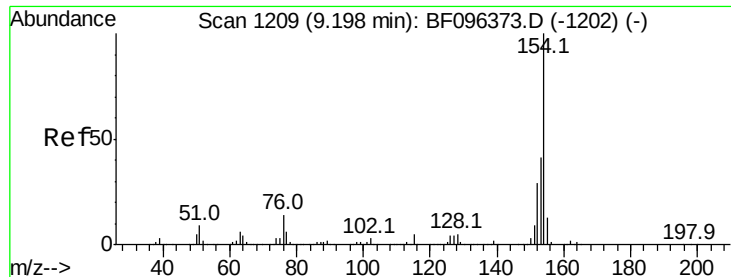
#44
 2-Fluorobiphenyl
 Concen: 91.12 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:172 Resp: 1127768
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.6 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 37.30 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

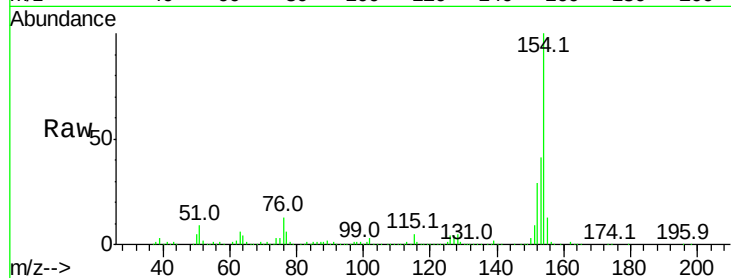
Tot Ion:154 Resp: 676371

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

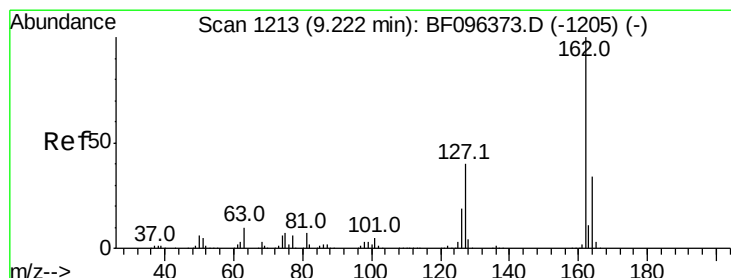
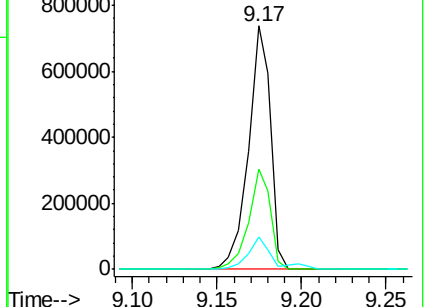
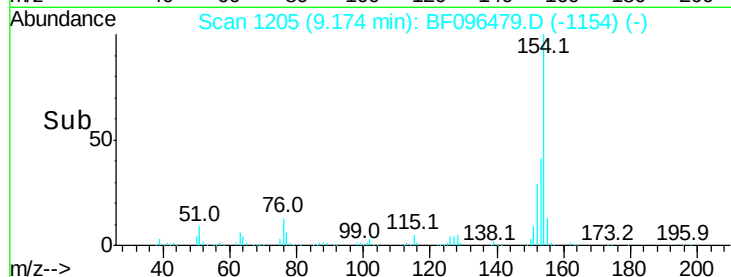
76 13.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.04 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

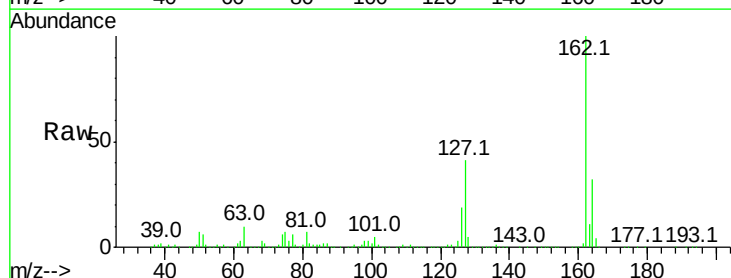
Tgt Ion:162 Resp: 527514

Ion Ratio Lower Upper

162 100

127 41.0 28.3 42.5

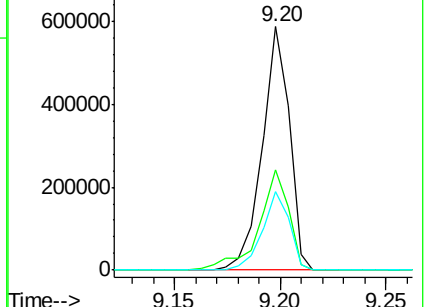
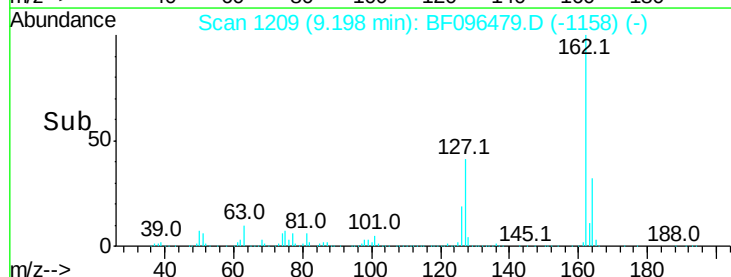
164 32.2 27.0 40.4

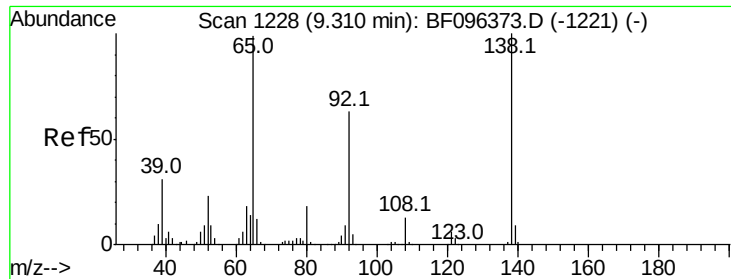


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.58 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

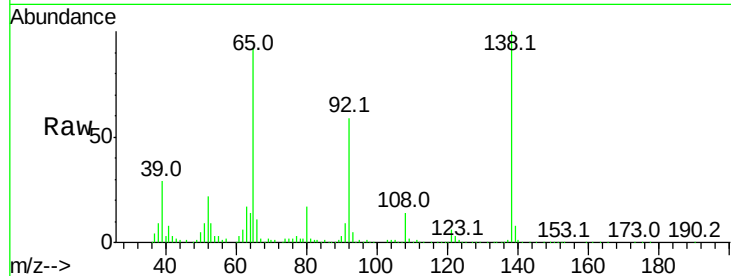
Tot Ion: 65 Resp: 204447

Ion Ratio Lower Upper

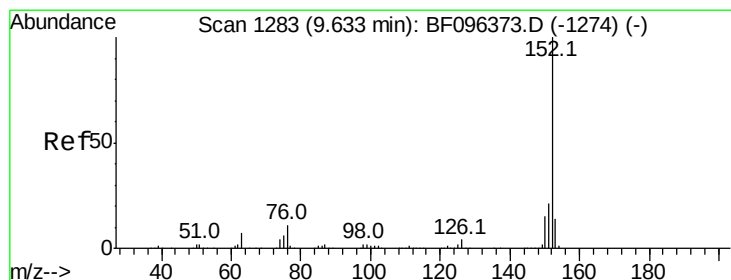
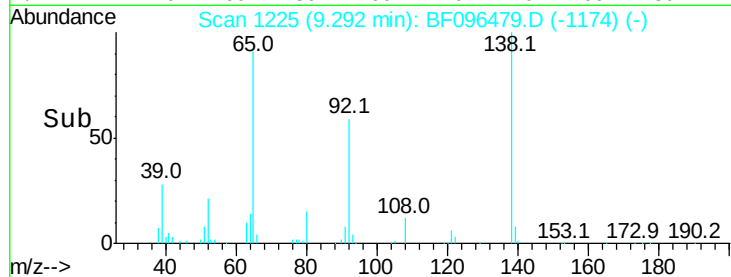
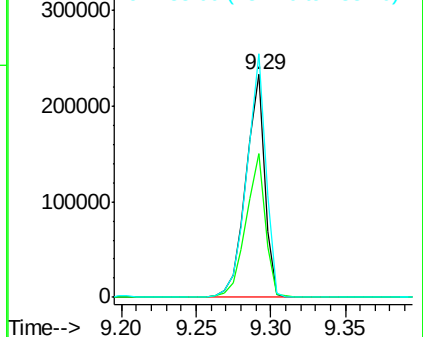
65 100

92 64.8 53.9 80.9

138 109.2 78.8 118.2



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



#48

Acenaphthylene

Concen: 38.54 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

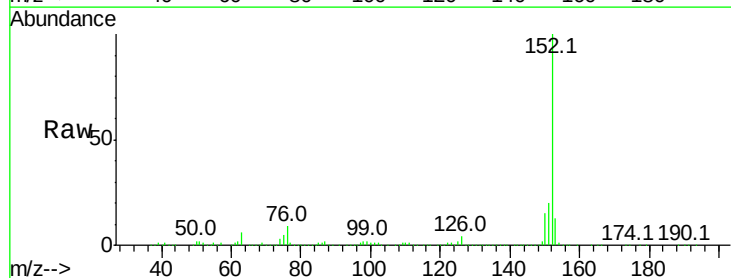
Tgt Ion: 152 Resp: 825127

Ion Ratio Lower Upper

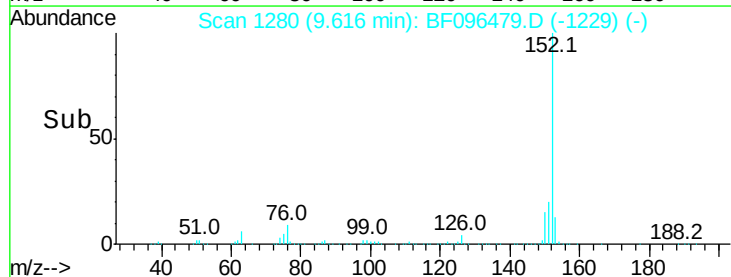
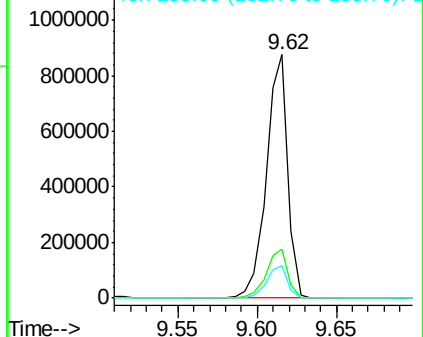
152 100

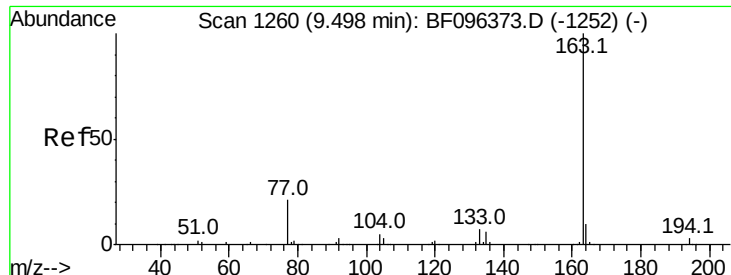
151 20.3 16.8 25.2

153 13.2 10.8 16.2



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

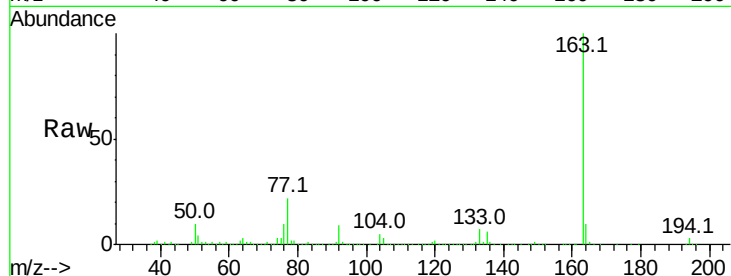




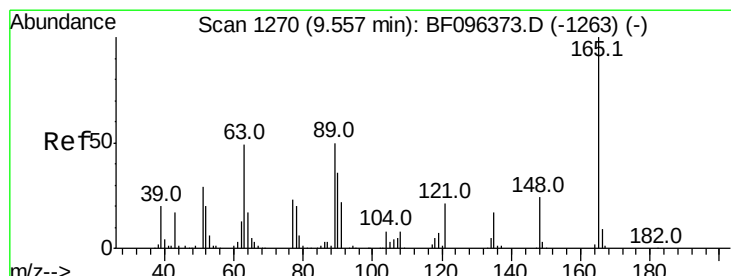
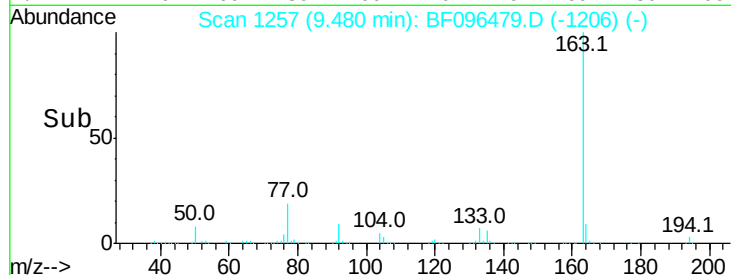
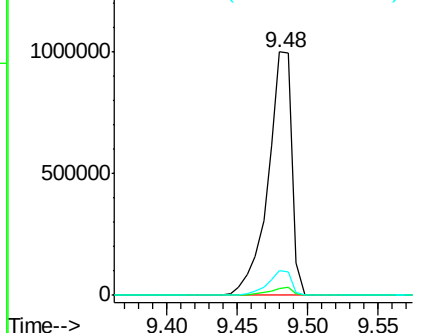
#49
 Dimethylphthalate
 Concen: 74.76 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

Tot Ion:163 Resp: 1181013
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 10.1 8.4 12.6

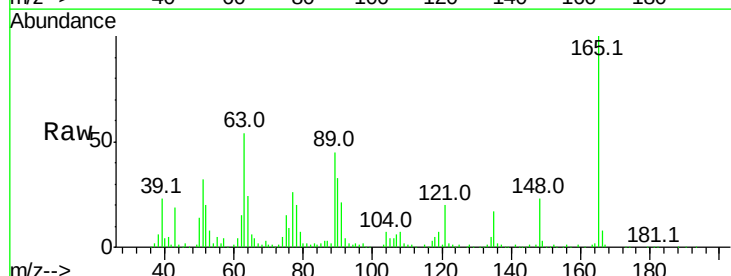


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

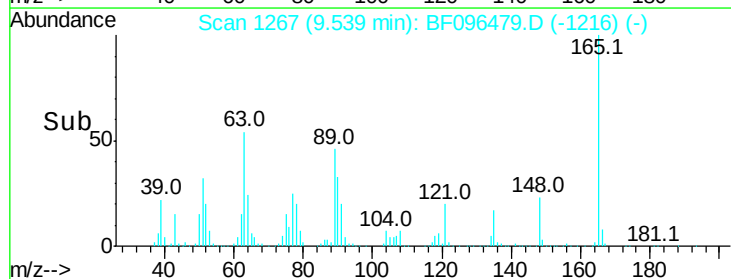
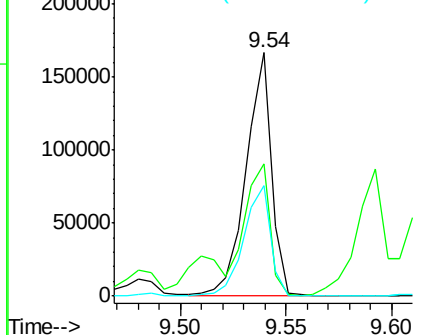


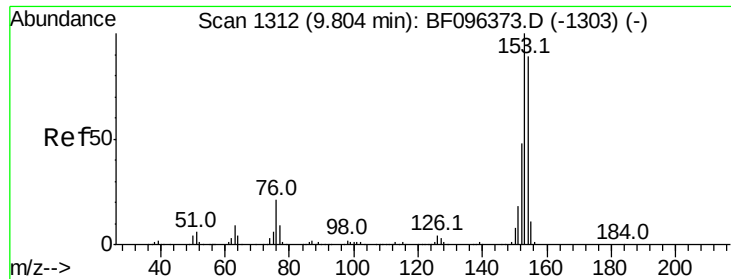
#50
 2,6-Dinitrotoluene
 Concen: 39.71 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:165 Resp: 138722
 Ion Ratio Lower Upper
 165 100
 63 54.3 34.3 51.5#
 89 45.4 37.1 55.7



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





#51

Acenaphthene

Concen: 37.96 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

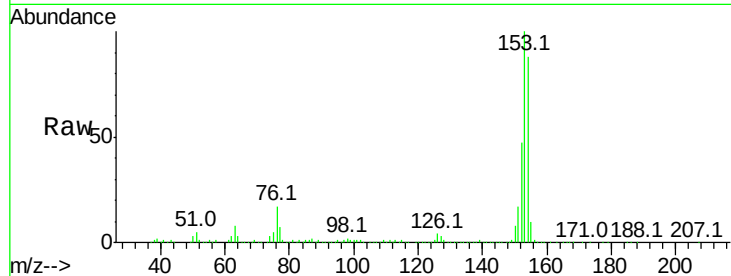
Tot Ion:154 Resp: 500918

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

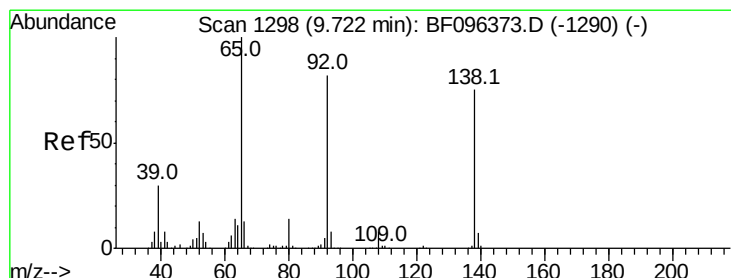
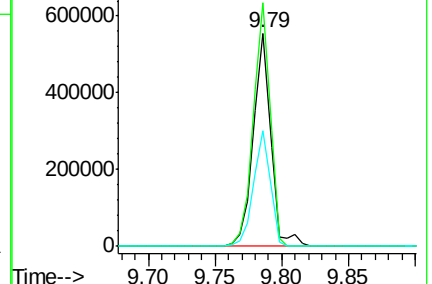
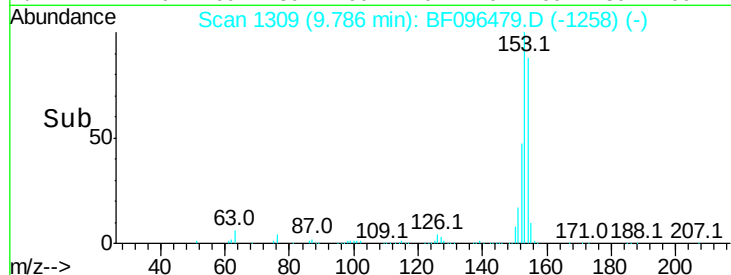
152 54.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.31 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

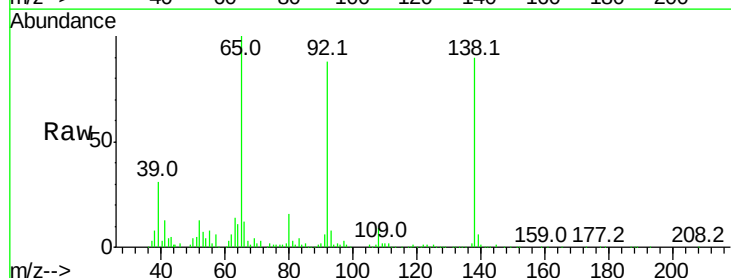
Tgt Ion:138 Resp: 149476

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

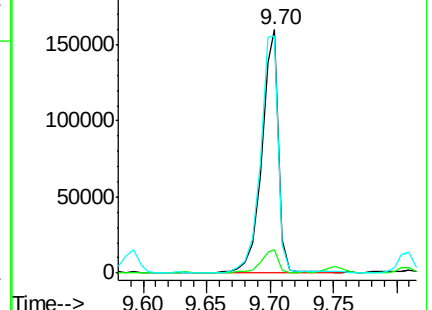
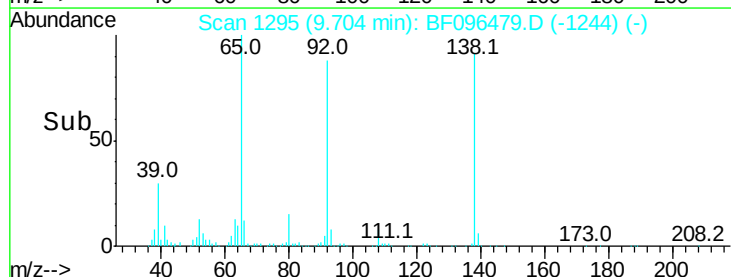
92 97.5 93.8 140.6

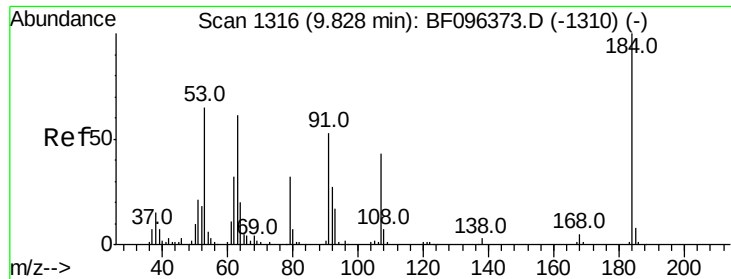


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

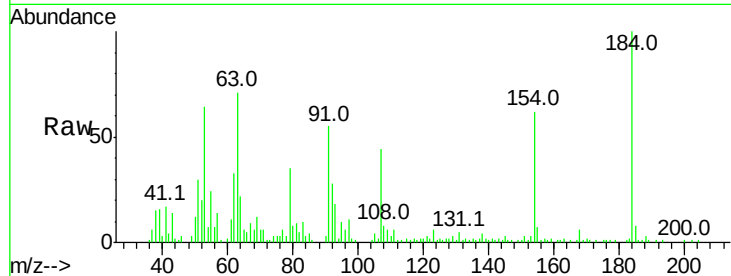




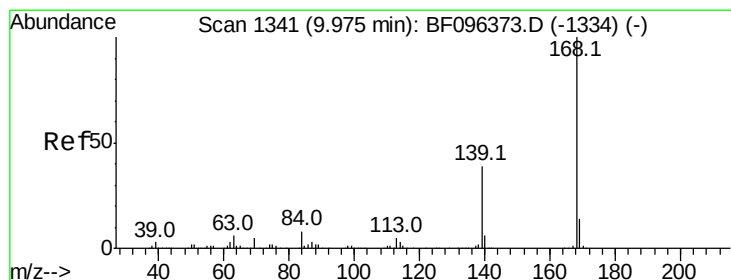
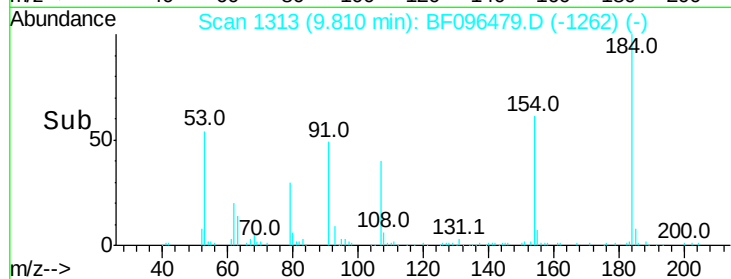
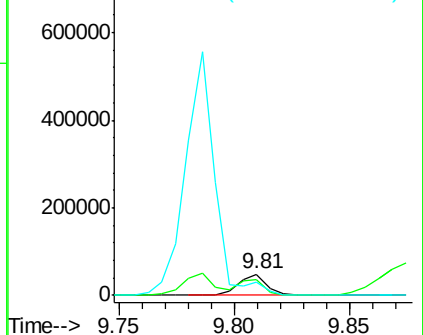
#53
2,4-Dinitrophenol
Concen: 22.19 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:184 Resp: 41168
Ion Ratio Lower Upper
184 100
63 71.1 62.7 94.1
154 61.9 81.1 121.7#

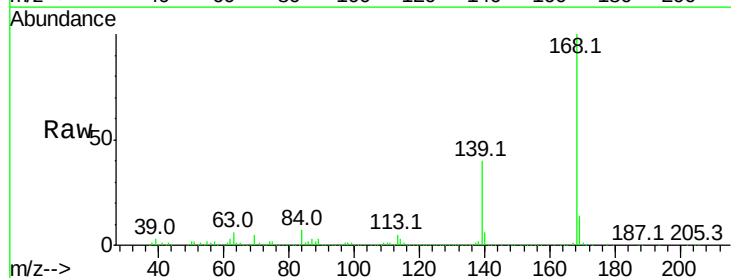


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

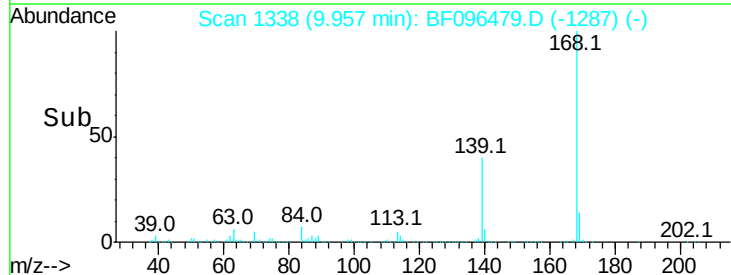
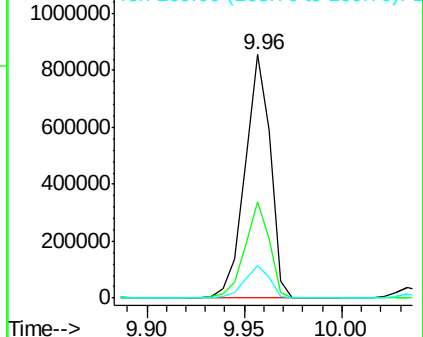


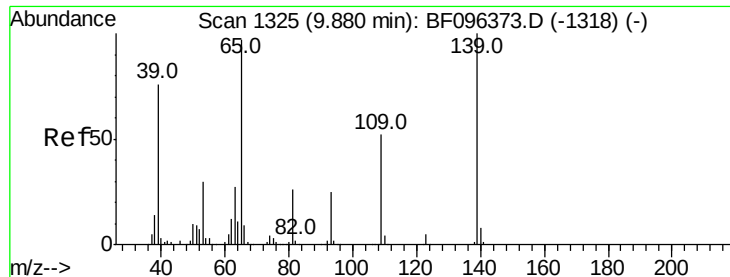
#54
Dibenzofuran
Concen: 44.03 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:168 Resp: 767221
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 73.42 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

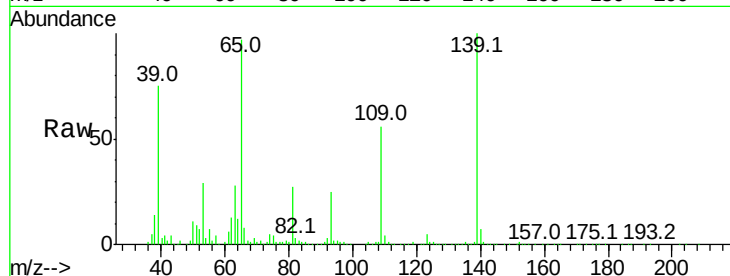
Tot Ion:139 Resp: 265151

Ion Ratio Lower Upper

139 100

109 55.9 34.1 74.1

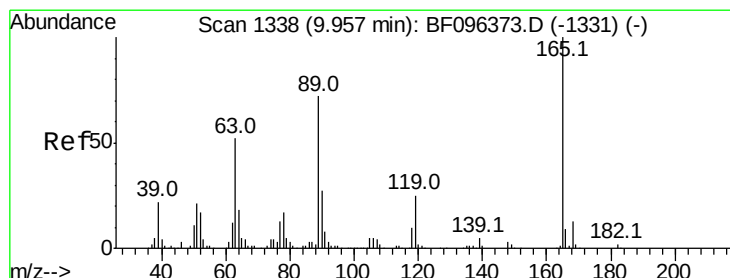
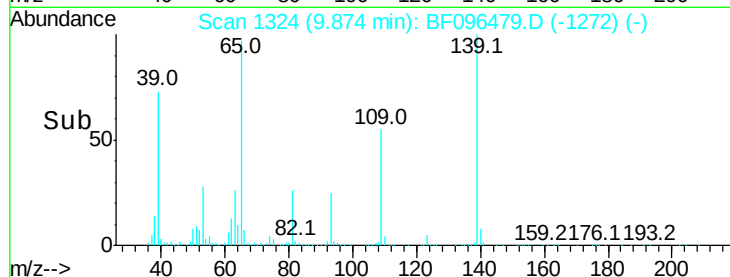
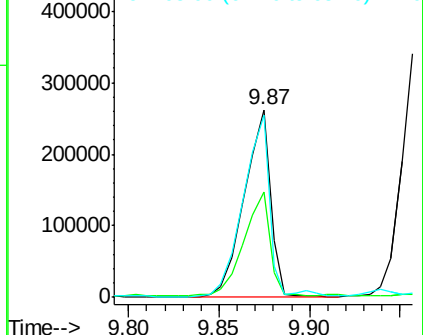
65 97.4 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.18 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Tgt Ion:165 Resp: 186595

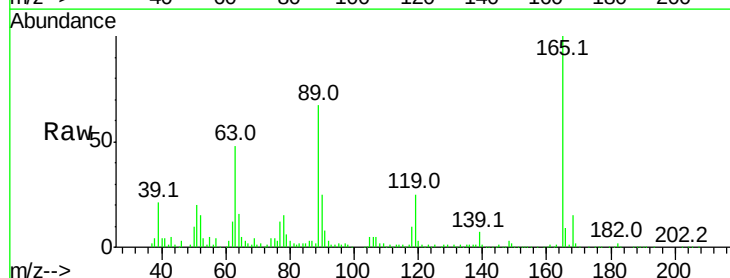
Ion Ratio Lower Upper

165 100

63 48.0 25.4 38.0#

89 66.6 46.4 69.6

182 2.3 1.8 2.6

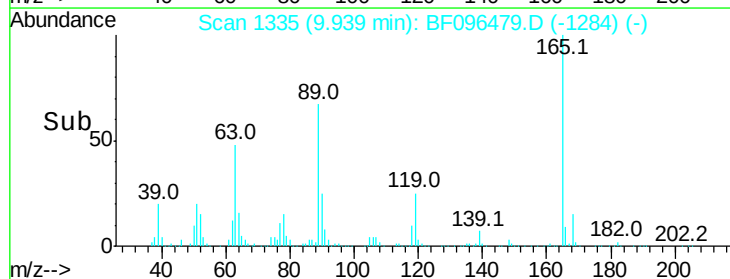
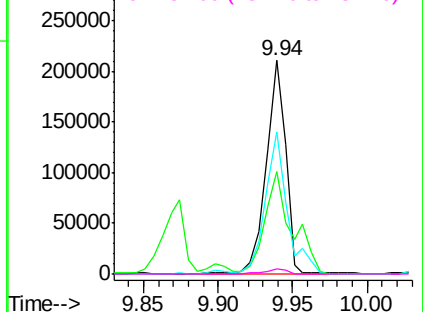


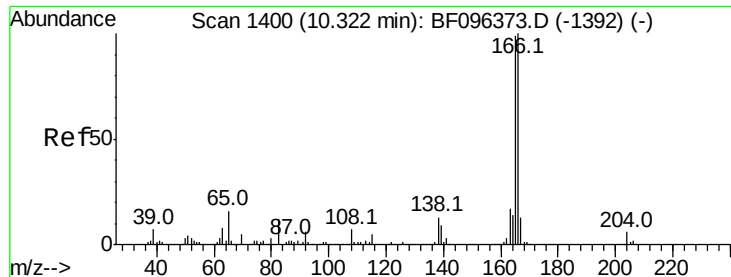
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

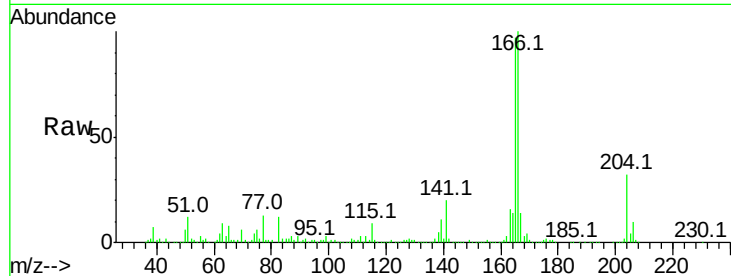




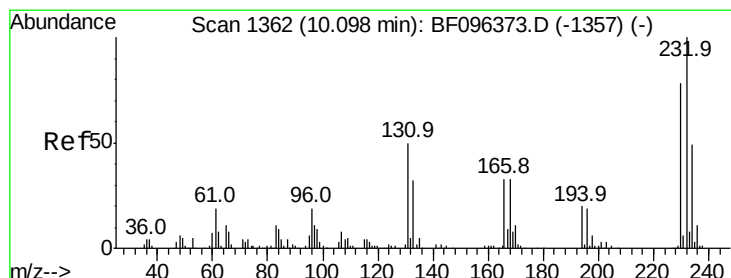
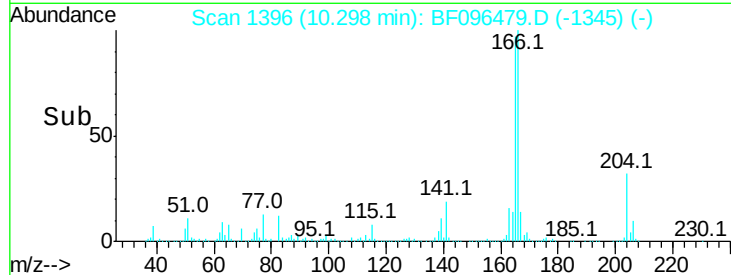
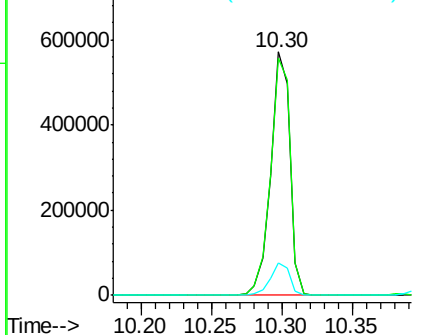
#57
 Fluorene
 Concen: 44.34 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

Tot Ion:166 Resp: 545681
 Ion Ratio Lower Upper
 166 100
 165 97.4 78.8 118.2
 167 13.6 10.6 16.0



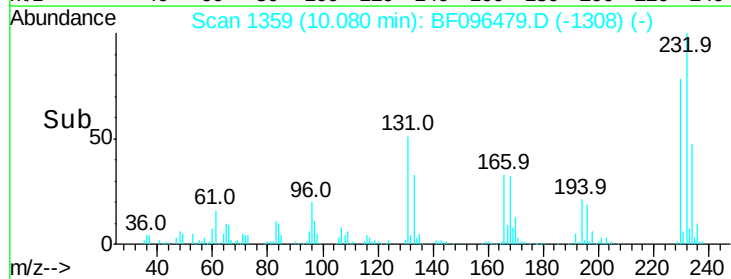
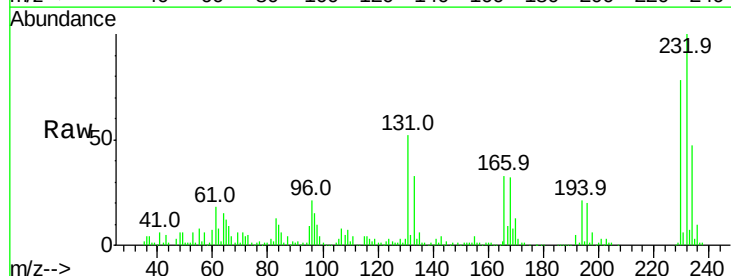
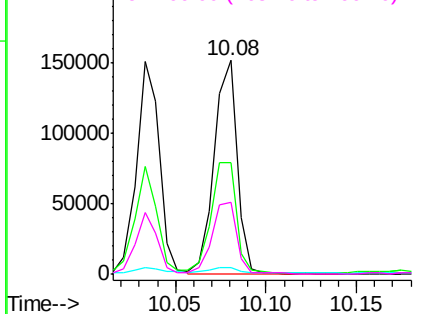
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

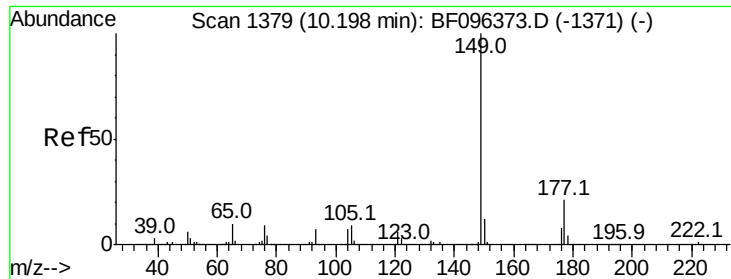


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.31 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:232 Resp: 134729
 Ion Ratio Lower Upper
 232 100
 131 54.8 44.8 67.2
 130 3.8 2.3 3.5#
 166 36.5 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

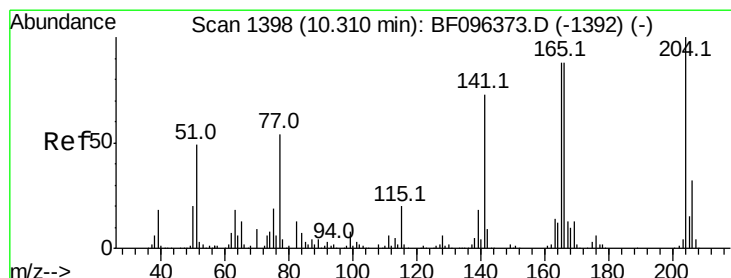
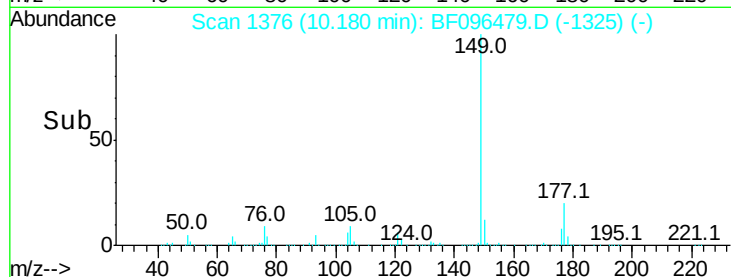
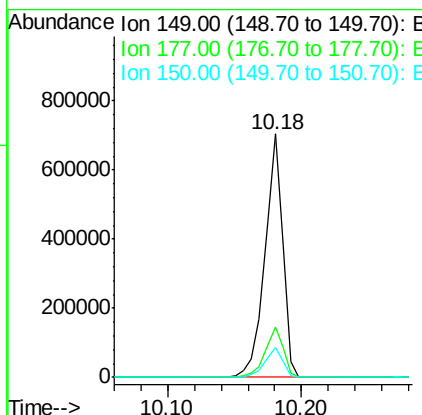
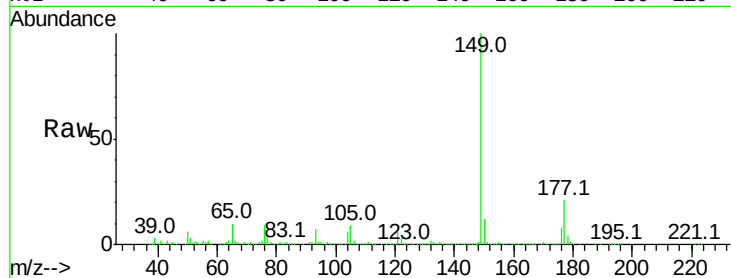




#59
Diethylphthalate
Concen: 43.20 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

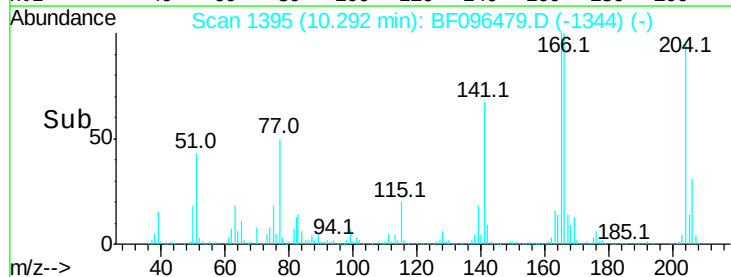
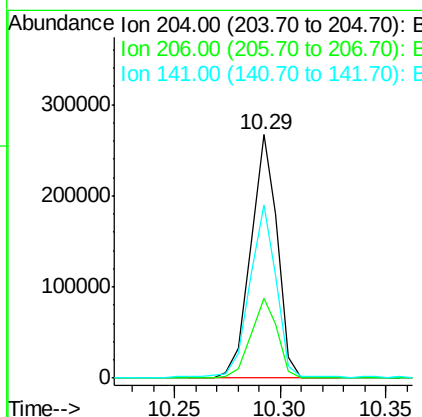
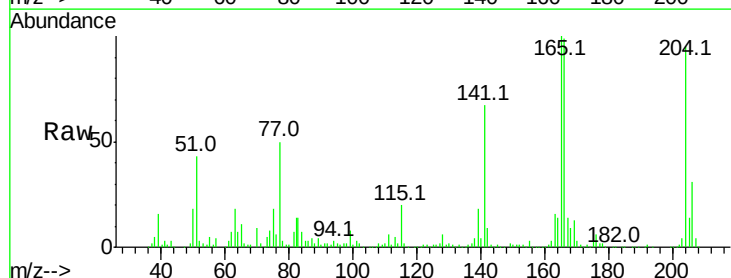
Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

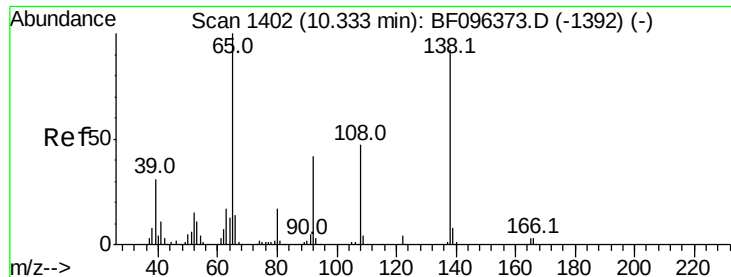
Tot Ion:149 Resp: 645081
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.40 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:204 Resp: 232350
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 71.3 60.8 91.2





#61

4-Nitroaniline

Concen: 41.89 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

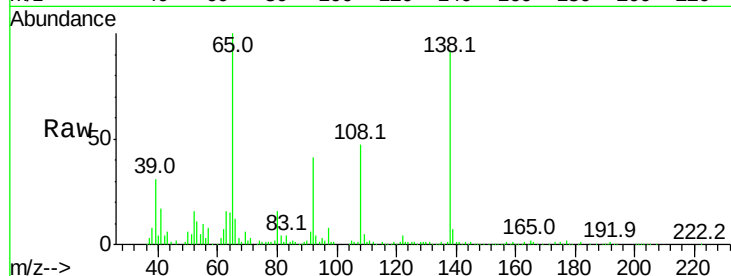
Tot Ion:138 Resp: 165955

Ion Ratio Lower Upper

138 100

92 44.7 21.8 61.8

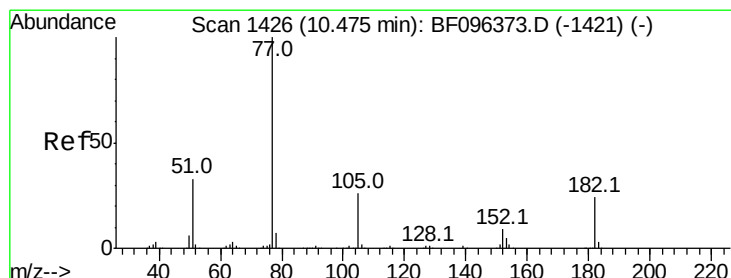
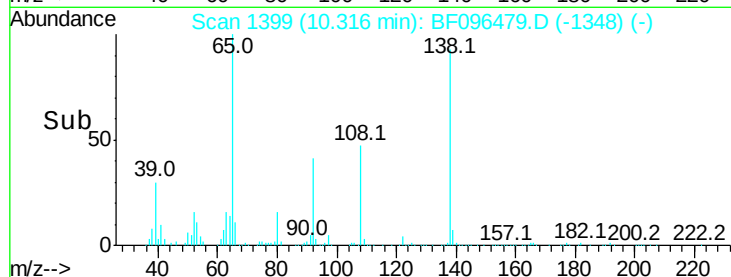
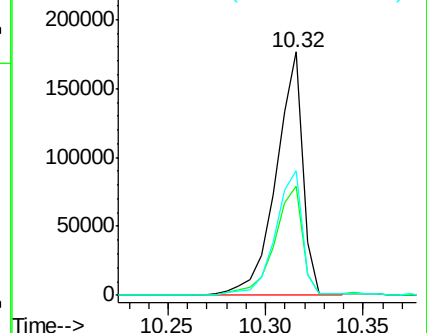
108 51.4 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.76 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Tgt Ion: 77 Resp: 530740

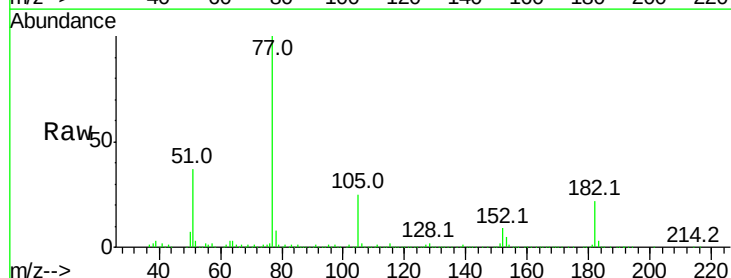
Ion Ratio Lower Upper

77 100

182 21.9 0.1 40.1

105 24.9 3.6 43.6

51 37.2 9.4 49.4

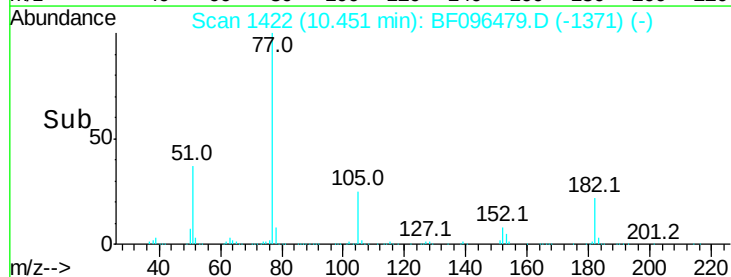
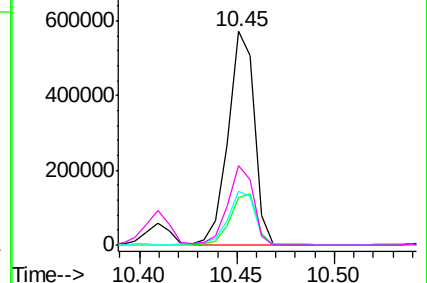


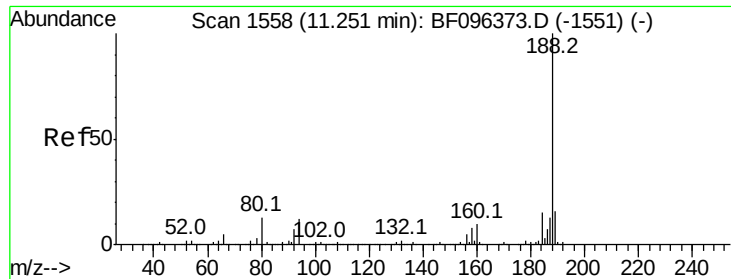
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

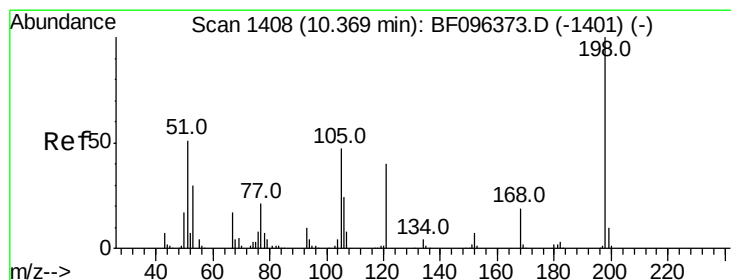
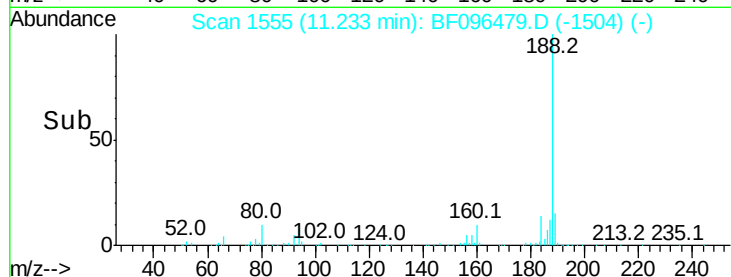
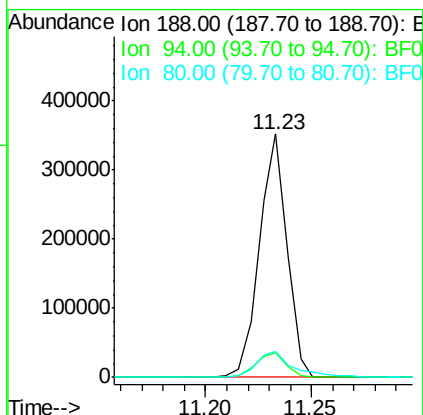
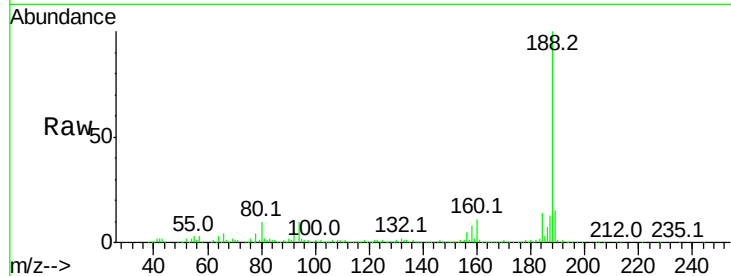




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

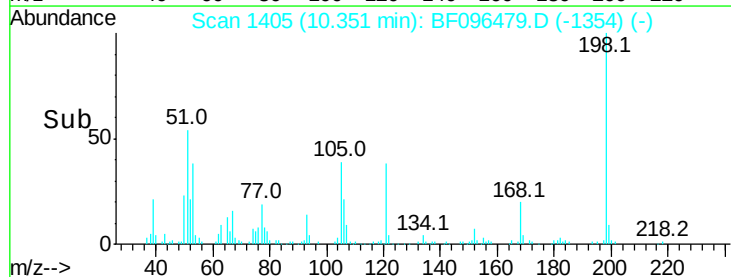
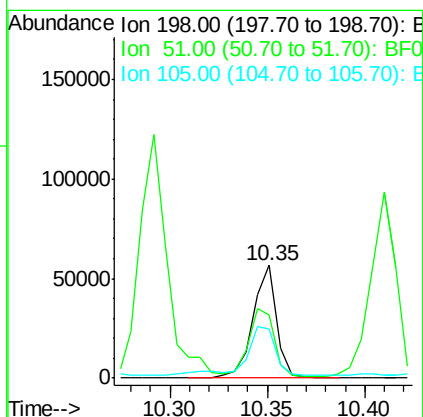
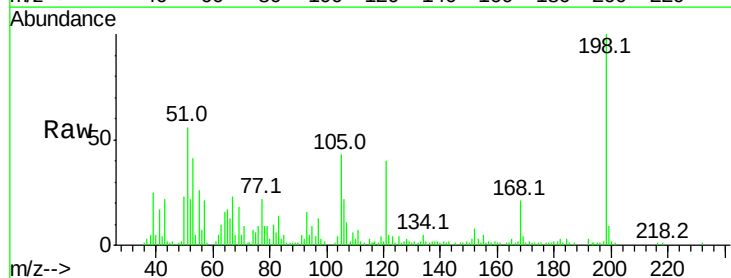
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

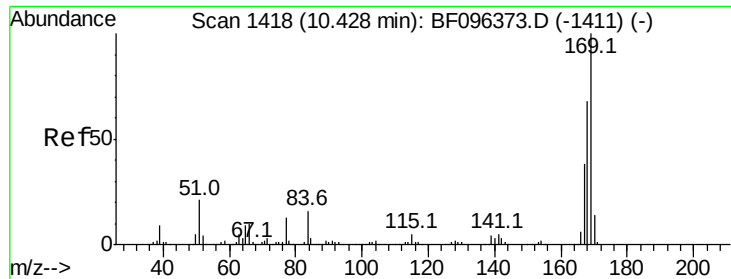
Tot Ion:188 Resp: 319508
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 10.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 21.47 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:198 Resp: 47300
 Ion Ratio Lower Upper
 198 100
 51 55.7 53.2 93.2
 105 43.3 45.8 85.8#

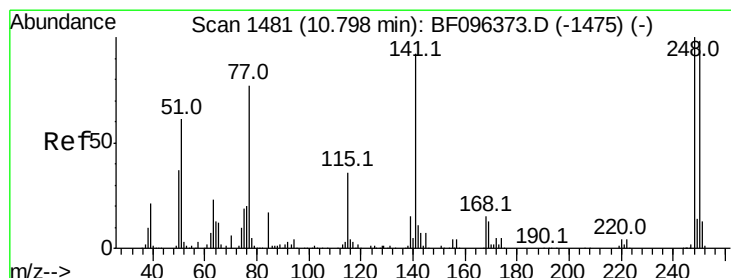
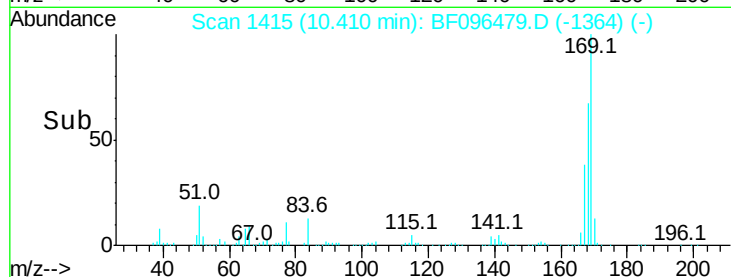
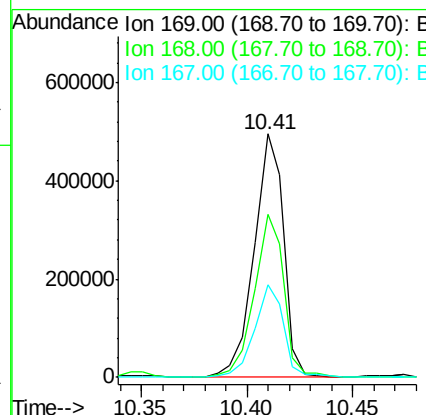
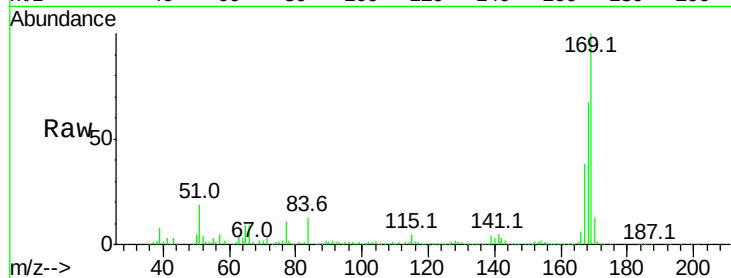




#65
 n-Nitrosodiphenylamine
 Concen: 42.86 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

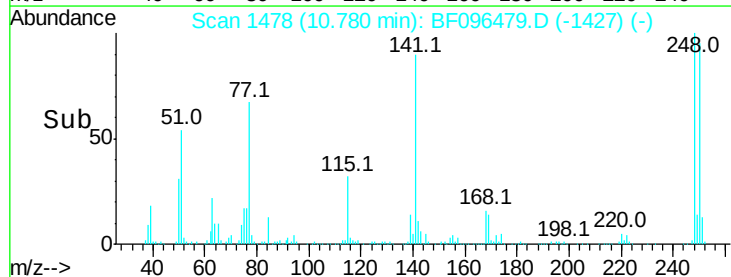
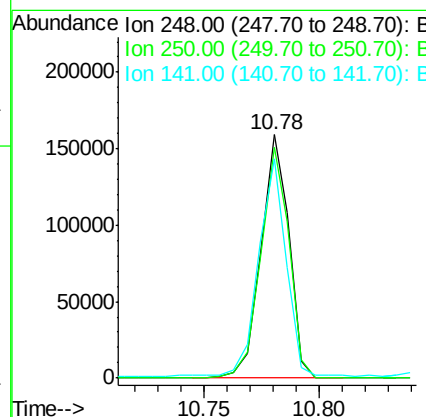
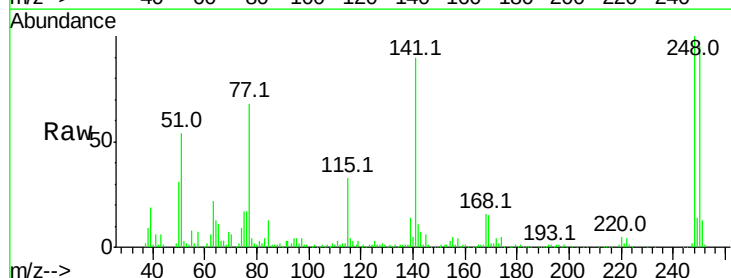
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

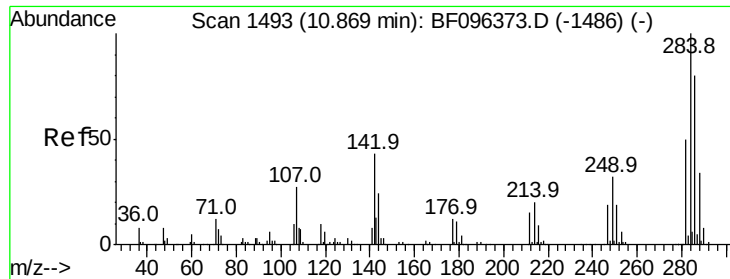
Tot Ion:169 Resp: 480478
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.2 79.8
 167 38.1 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.14 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:248 Resp: 134175
 Ion Ratio Lower Upper
 248 100
 250 94.9 76.8 115.2
 141 90.3 68.6 103.0

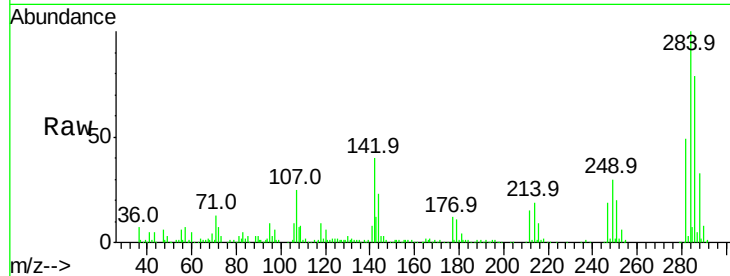




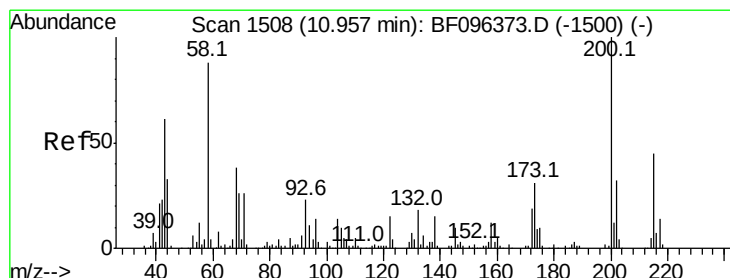
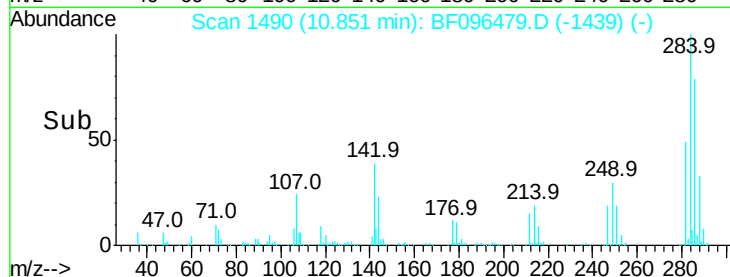
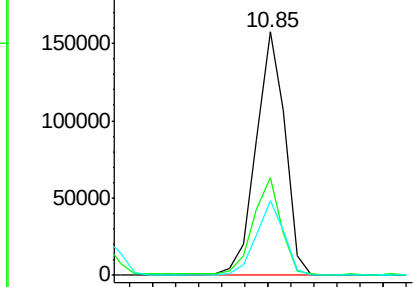
#67
Hexachlorobenzene
Concen: 40.47 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Instrument :
BNA_F
ClientSampleId :
B8-12-14MS

Tot Ion:284 Resp: 137806
Ion Ratio Lower Upper
284 100
142 40.1 22.8 34.2#
249 30.5 24.0 36.0

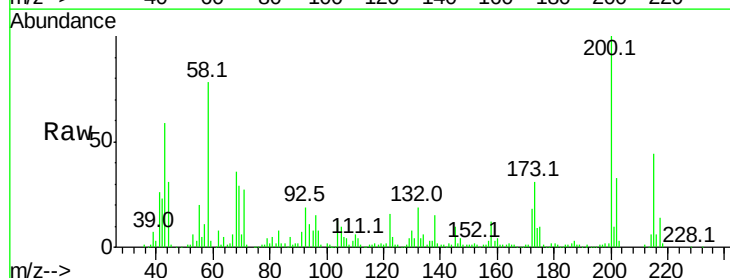


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

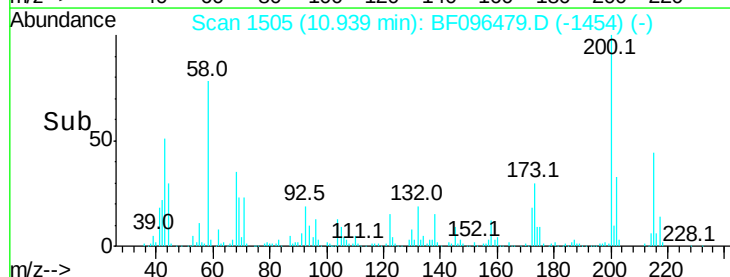
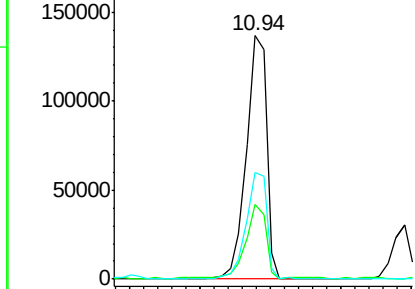


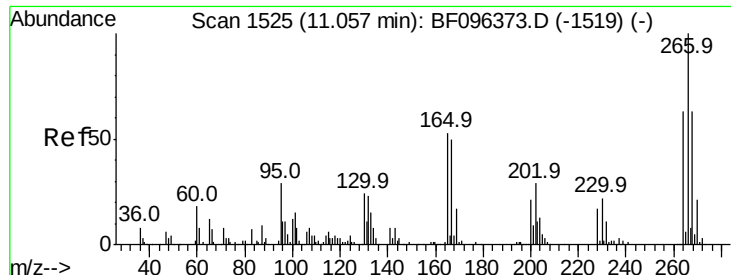
#68
Atrazine
Concen: 43.26 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF096479.D
Acq: 5 Jul 2017 13:03

Tgt Ion:200 Resp: 138565
Ion Ratio Lower Upper
200 100
173 30.9 6.3 46.3
215 44.0 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

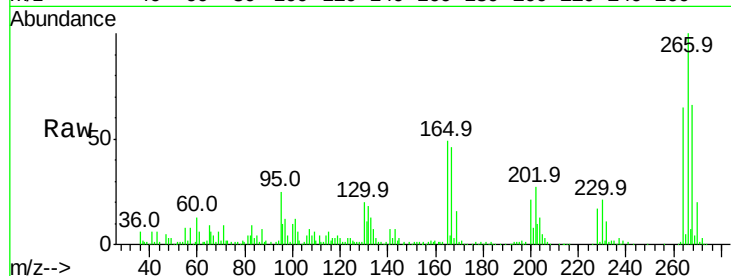




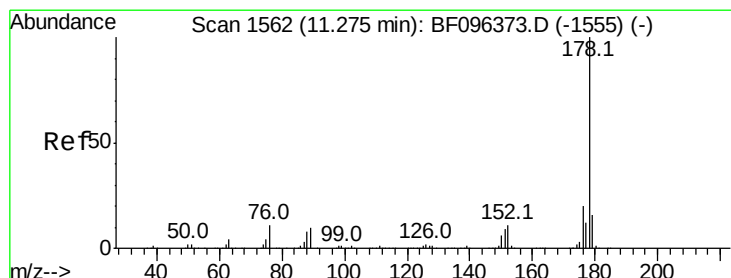
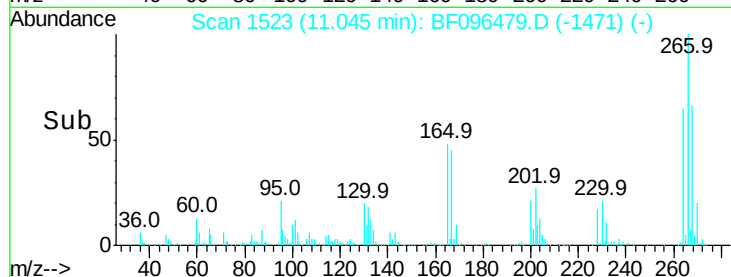
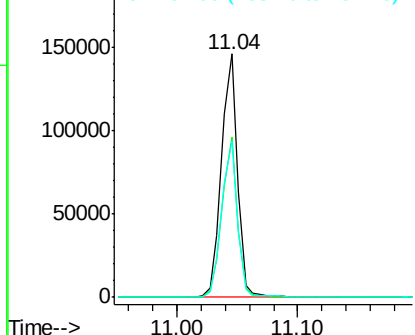
#69
 Pentachlorophenol
 Concen: 66.11 ng
 RT: 11.04 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

Tot Ion:266 Resp: 133408
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 64.6 51.7 77.5

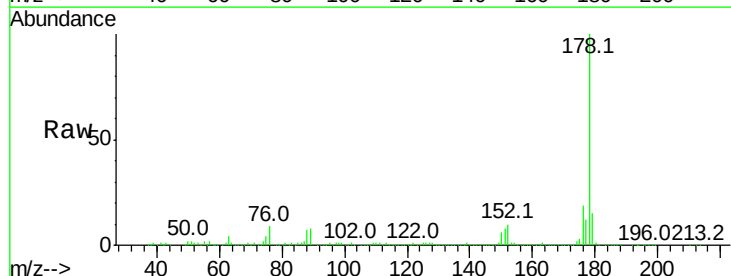


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

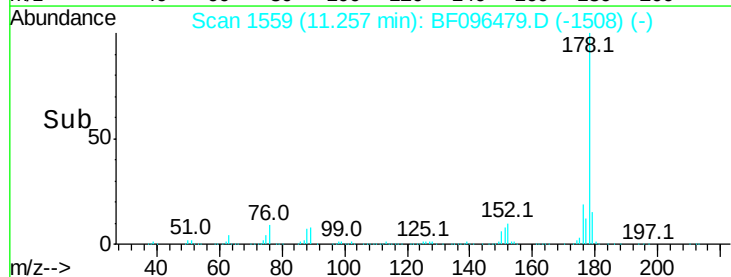
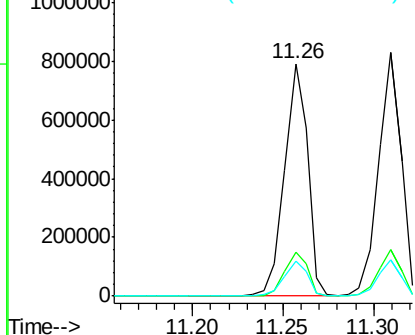


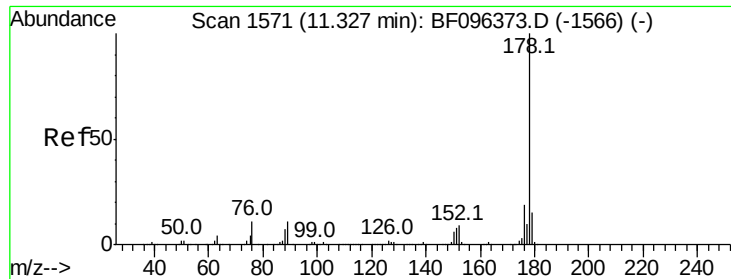
#70
 Phenanthrene
 Concen: 40.64 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:178 Resp: 701884
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.3 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: 40.58 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

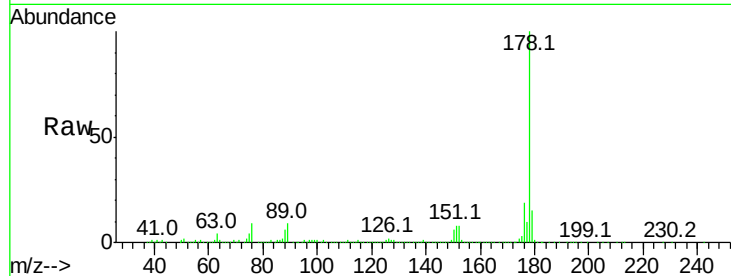
Tot Ion:178 Resp: 714305

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

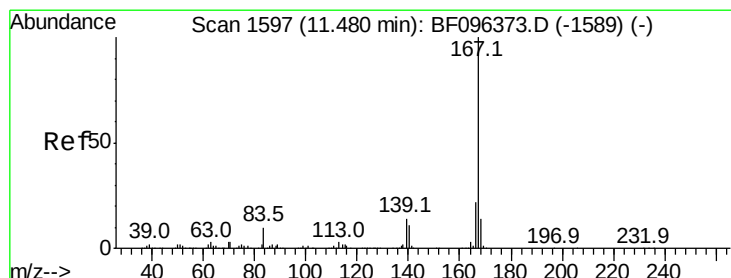
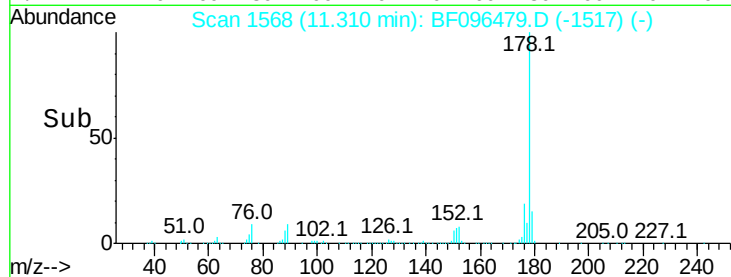
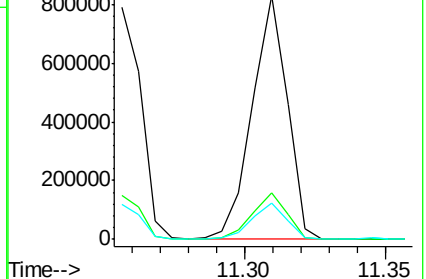
179 15.1 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.29 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

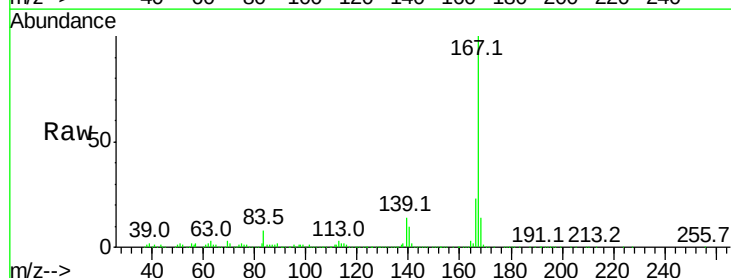
Tgt Ion:167 Resp: 677763

Ion Ratio Lower Upper

167 100

166 22.9 18.1 27.1

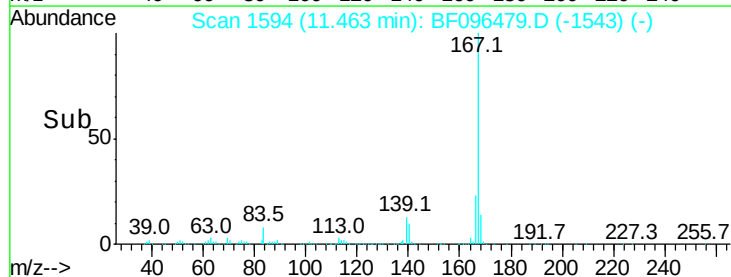
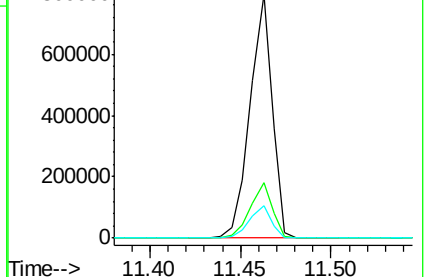
139 13.5 11.7 17.5

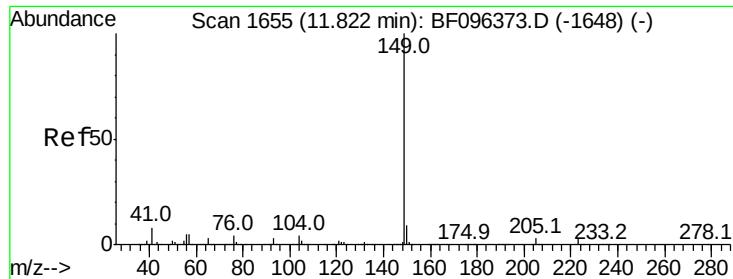


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.62 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

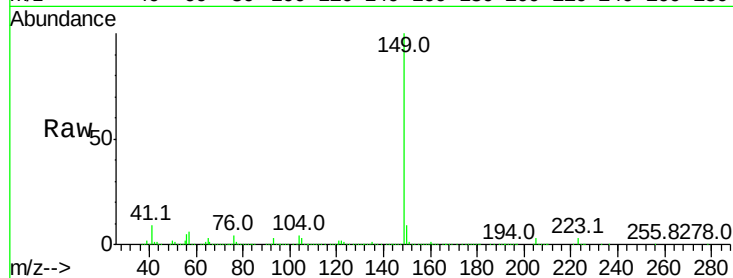
Tot Ion:149 Resp: 849430

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

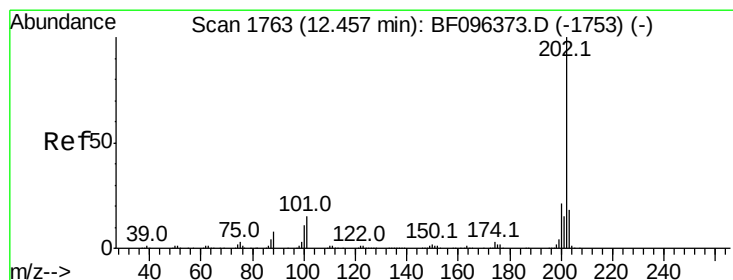
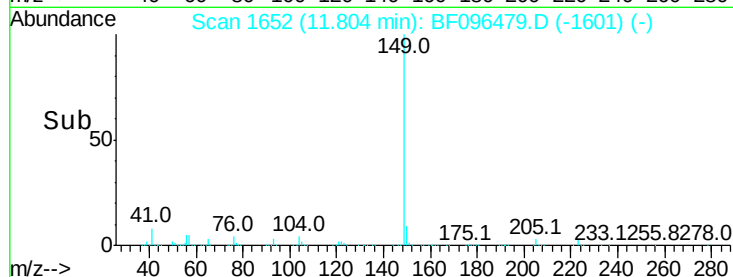
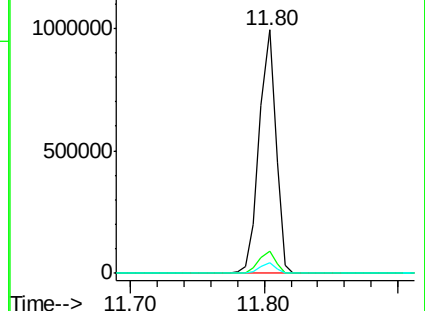
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.84 ng

RT: 12.44 min Scan# 1761

Delta R.T. 0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

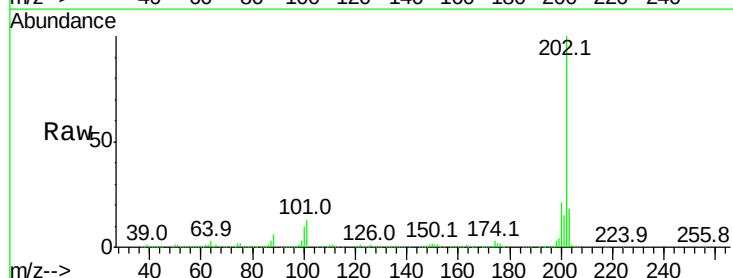
Tgt Ion:202 Resp: 623825

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

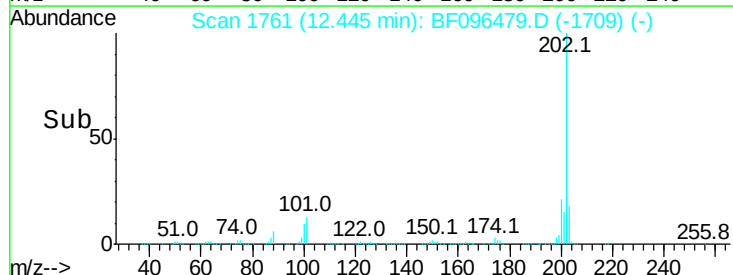
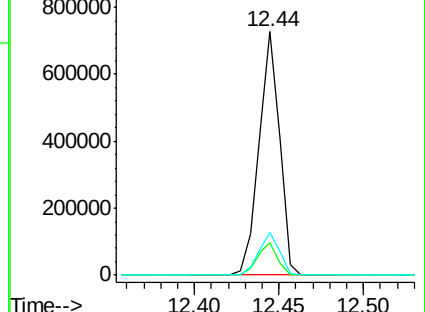
203 17.5 0.0 38.1

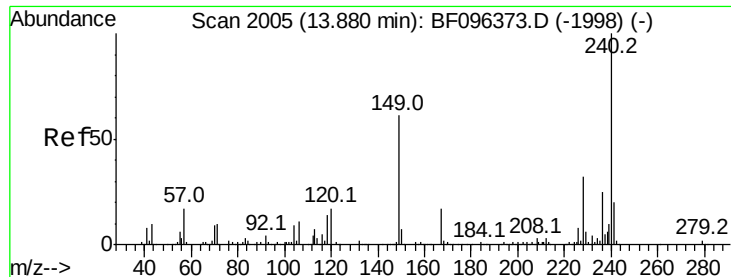


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

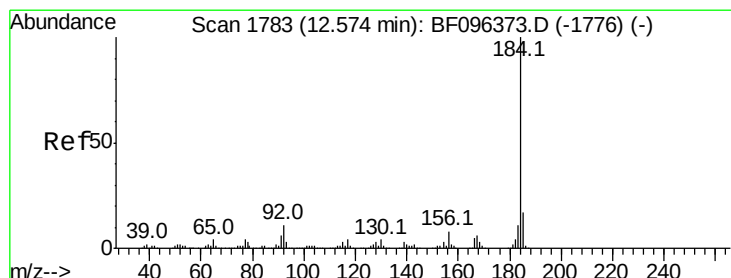
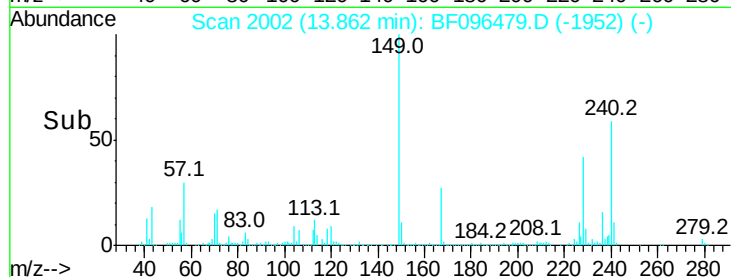
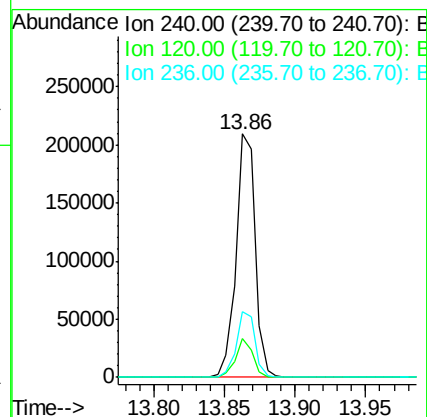
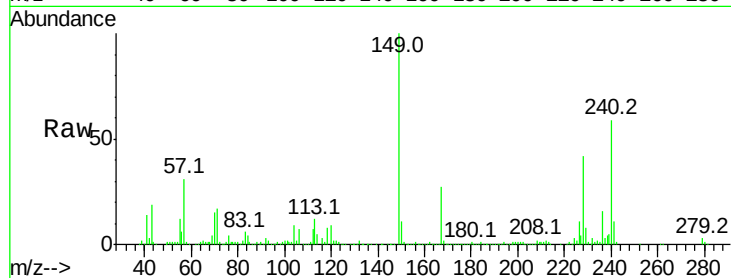
Tot Ion:240 Resp: 197460

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

236 26.8 20.5 30.7



#76

Benzidine

Concen: 35.18 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

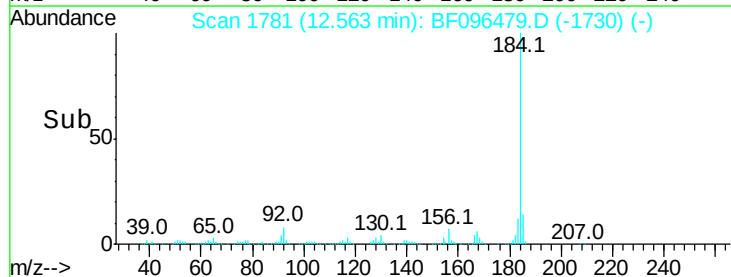
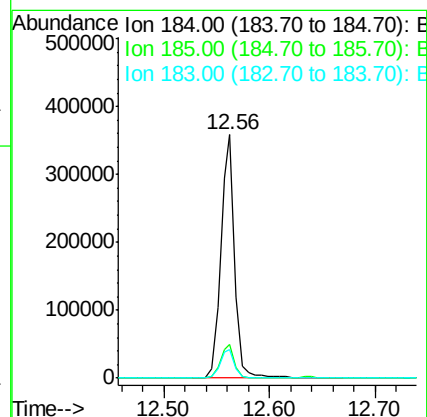
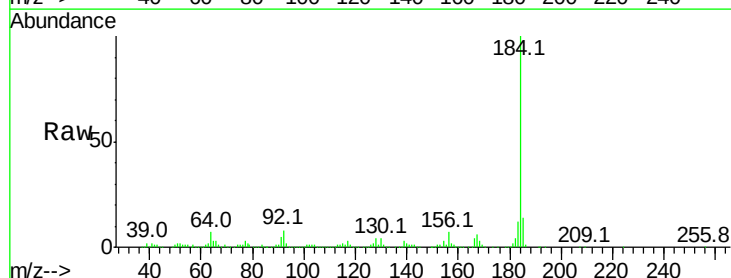
Tgt Ion:184 Resp: 333305

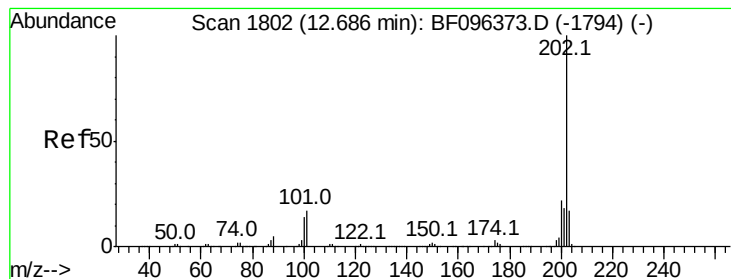
Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

183 11.6 9.8 14.6





#77

Pvrene

Concen: 39.64 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

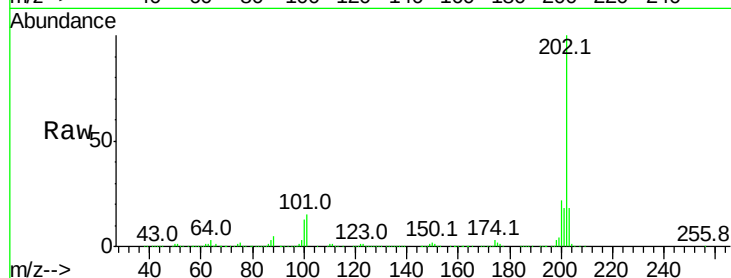
BNA_F

ClientSampleId :

B8-12-14MS

Tot Ion:202 Resp: 628215

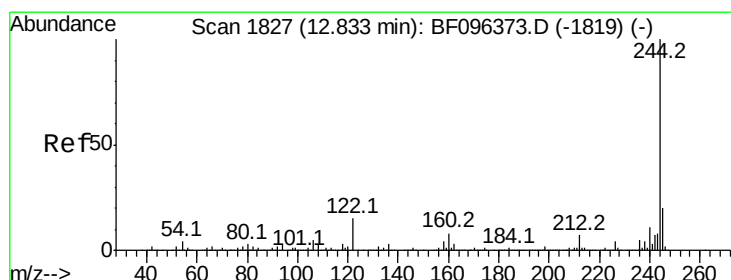
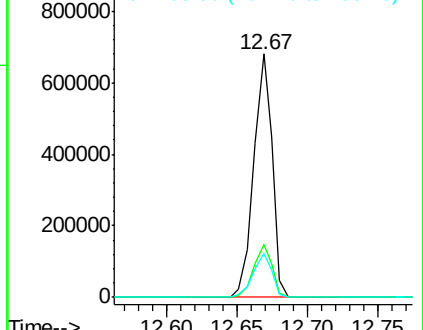
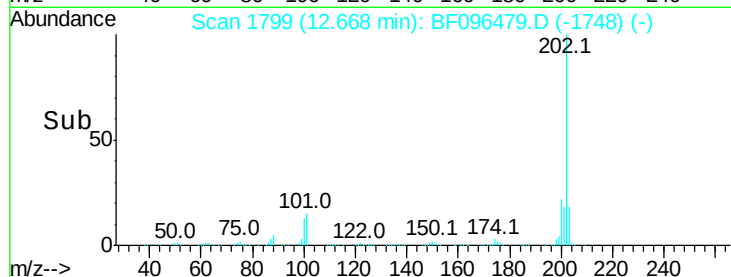
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.9	14.4	21.6



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: 77.33 ng

RT: 12.82 min Scan# 1824

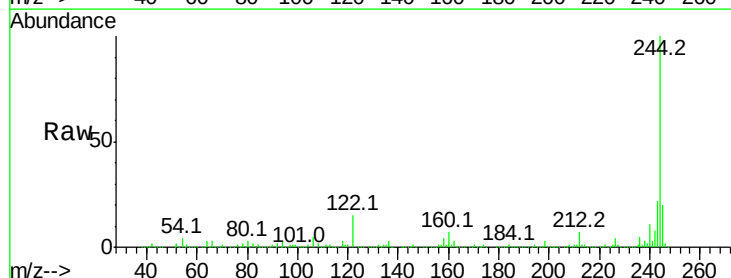
Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Tgt Ion:244 Resp: 714543

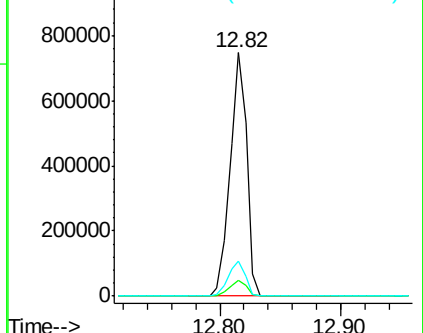
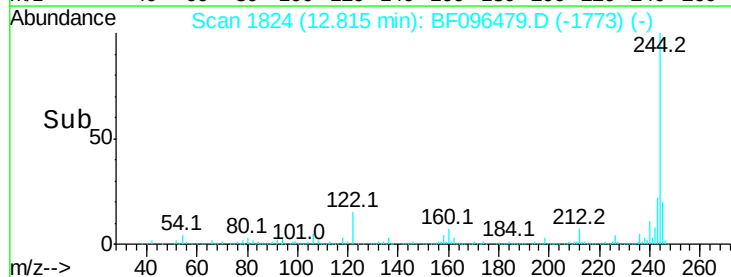
Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.6	10.3	15.5

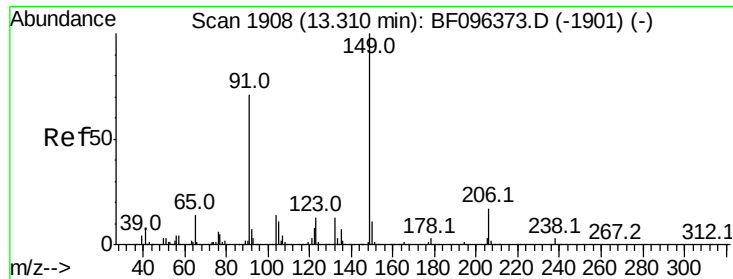


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

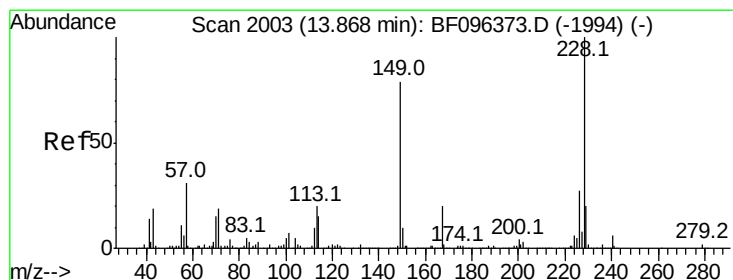
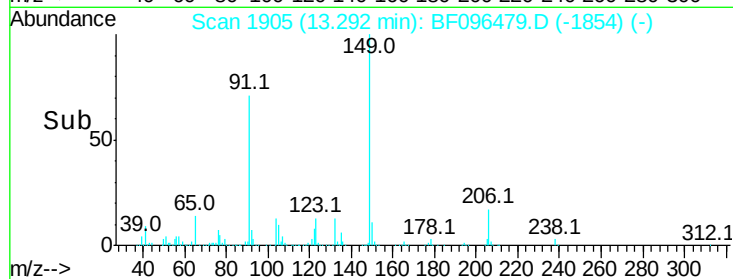
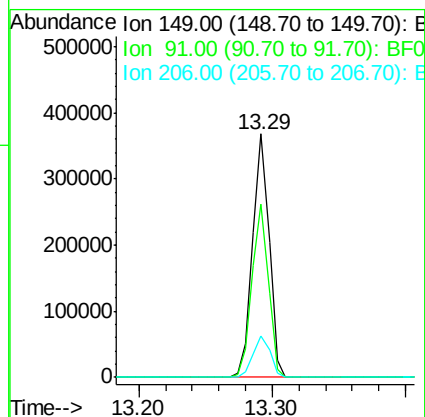
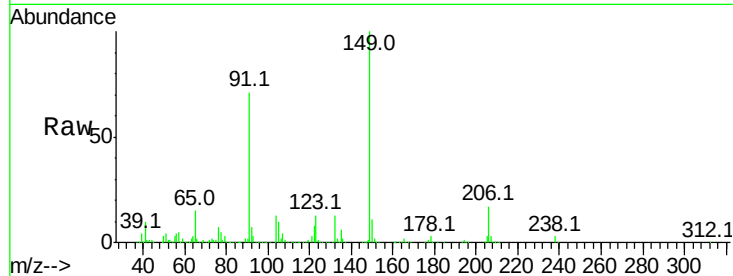




#79
 Butylbenzylphthalate
 Concen: 38.68 ng
 RT: 13.29 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

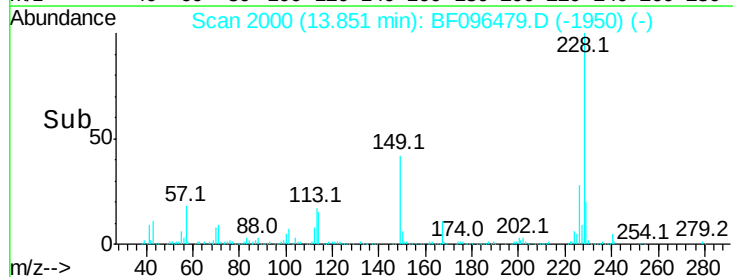
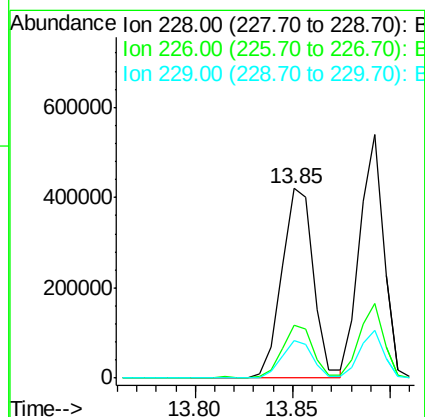
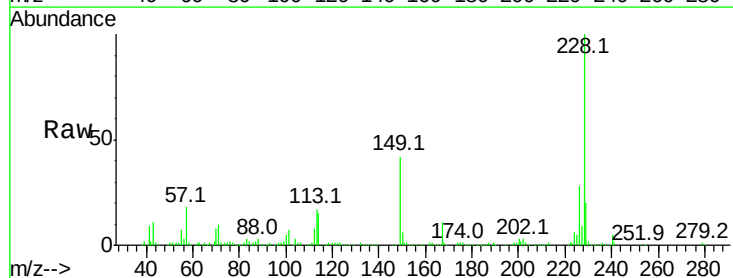
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

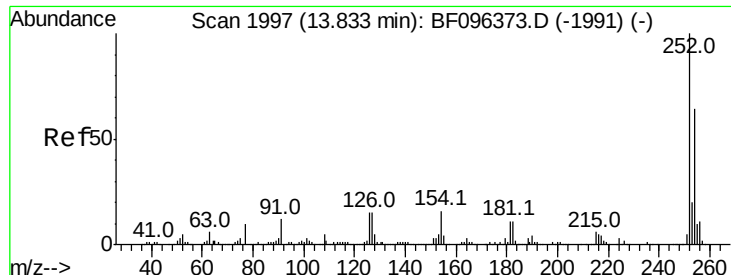
Tot Ion:	149	Resp:	310343
Ion	Ratio	Lower	Upper
149	100		
91	70.9	45.0	67.4#
206	16.9	17.0	25.6#



#80
 Benzo(a)anthracene
 Concen: 41.36 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:	228	Resp:	472953
Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.7	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 37.17 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

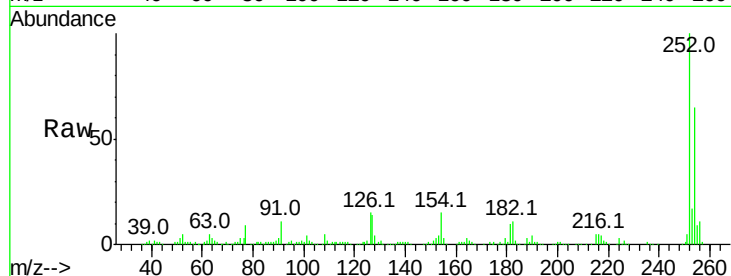
Tot Ion:252 Resp: 174558

Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

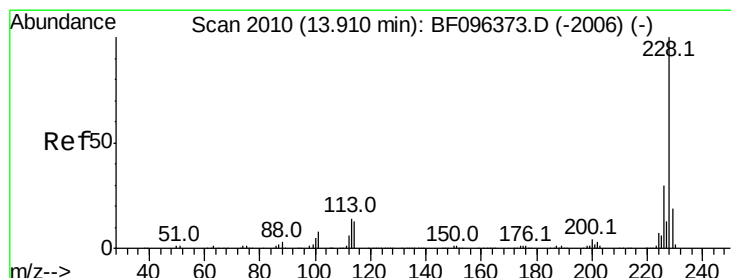
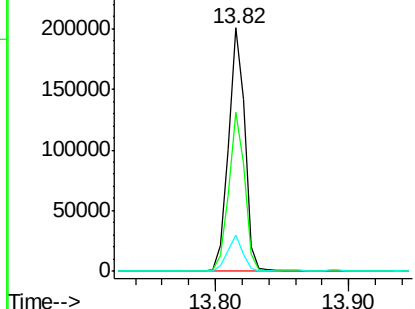
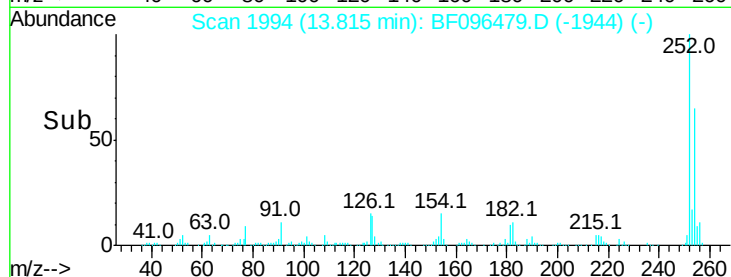
126 15.0 15.8 23.8#



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: 38.79 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

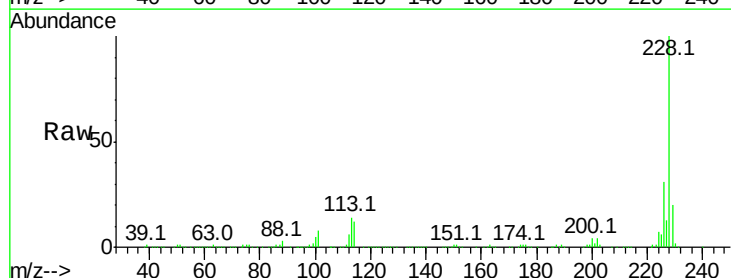
Tgt Ion:228 Resp: 464498

Ion Ratio Lower Upper

228 100

226 30.8 24.9 37.3

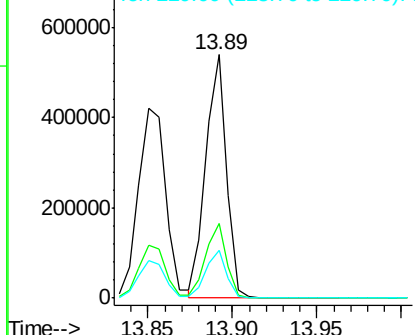
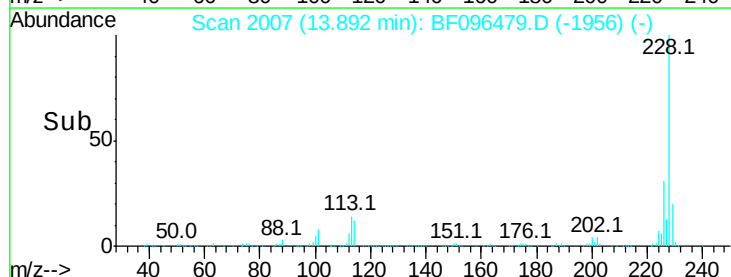
229 19.6 15.8 23.6

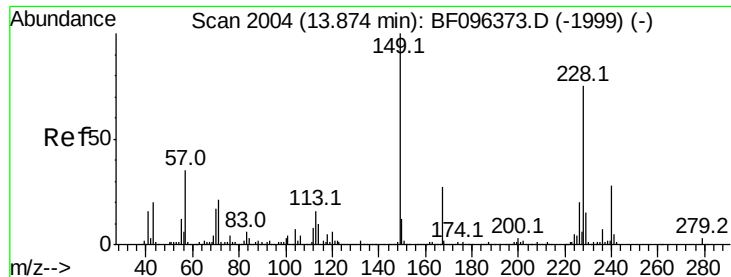


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.01 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

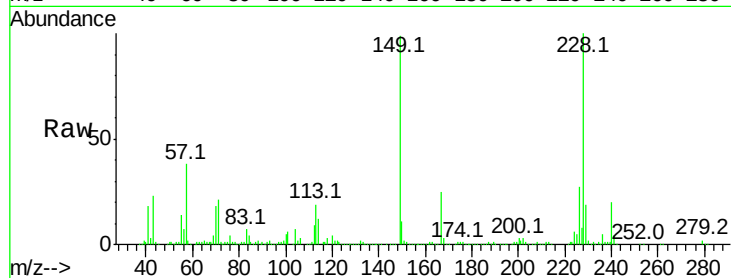
Tot Ion:149 Resp: 376274

Ion Ratio Lower Upper

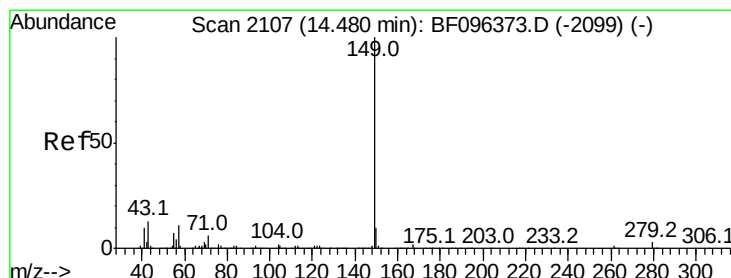
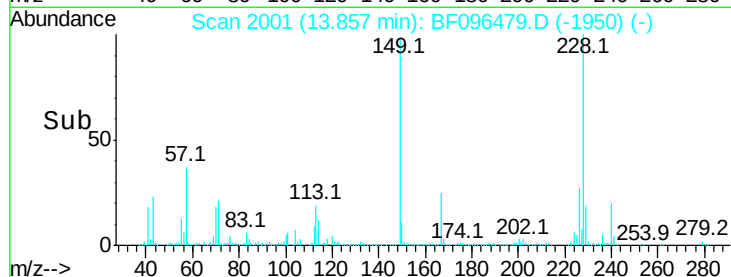
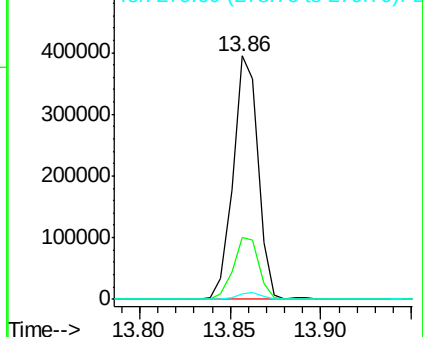
149 100

167 25.6 21.0 31.4

279 2.5 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.96 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

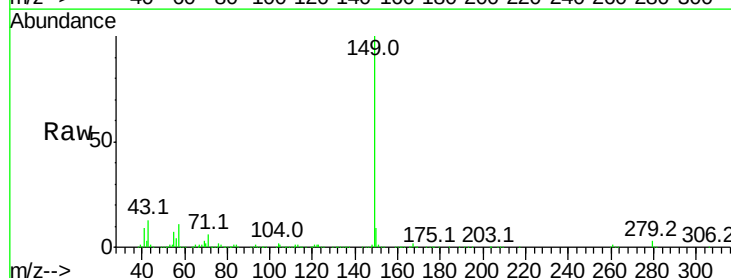
Tgt Ion:149 Resp: 687042

Ion Ratio Lower Upper

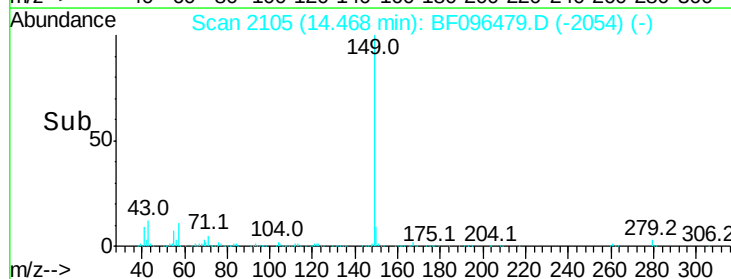
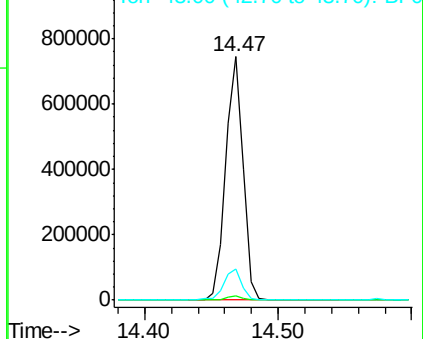
149 100

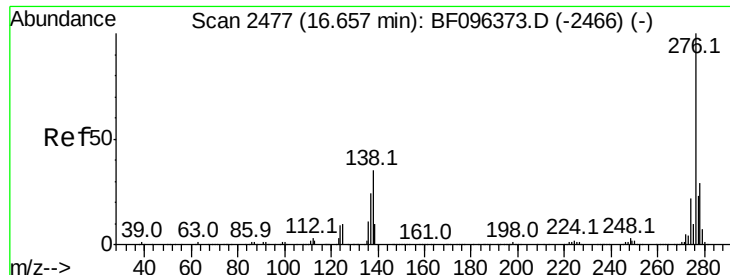
167 1.6 1.2 1.8

43 12.8 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

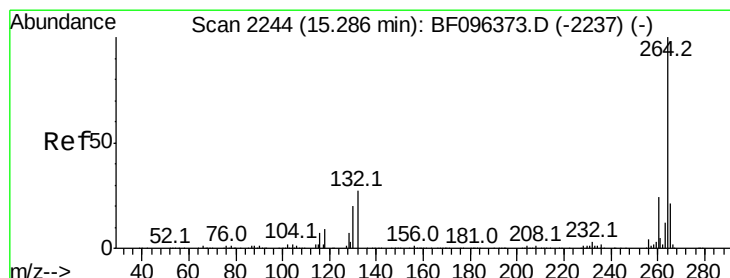
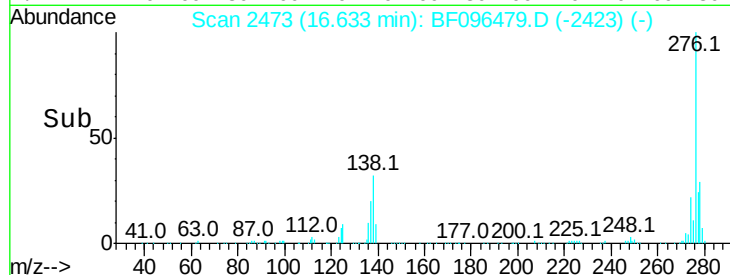
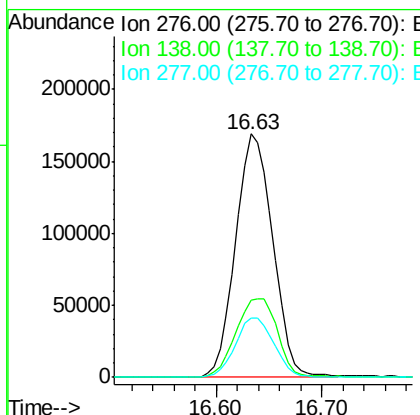
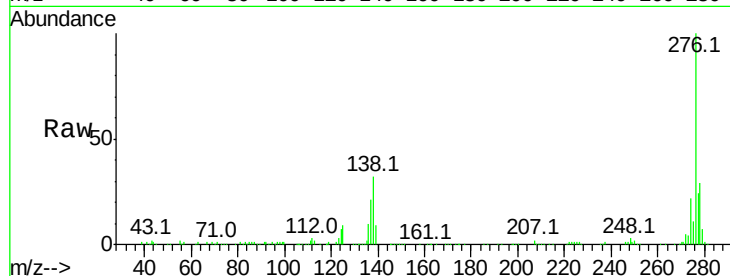




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.82 ng
 RT: 16.63 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

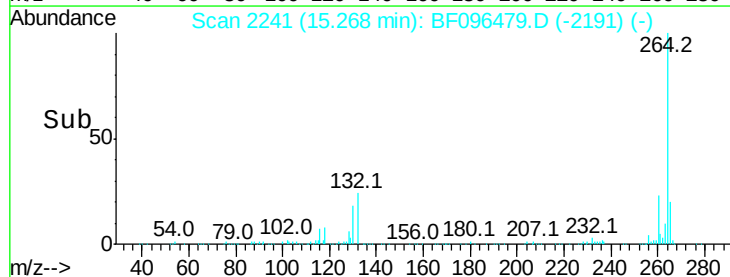
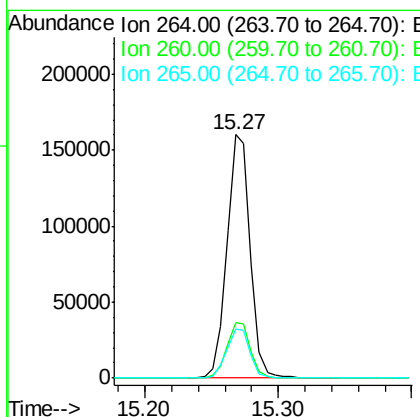
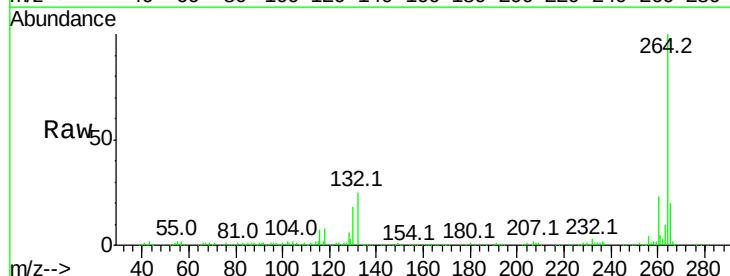
Instrument :
 BNA_F
 ClientSampleId :
 B8-12-14MS

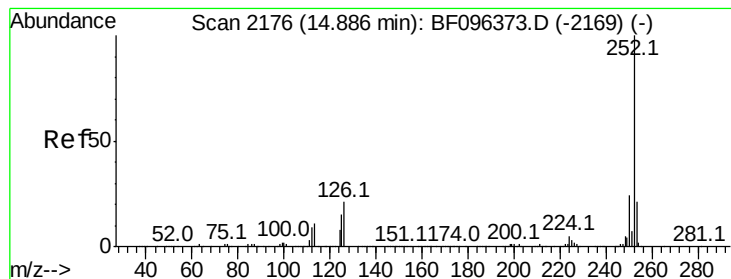
Tot Ion:276 Resp: 414140
 Ion Ratio Lower Upper
 276 100
 138 36.4 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096479.D
 Acq: 5 Jul 2017 13:03

Tgt Ion:264 Resp: 195845
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 36.90 ng

RT: 14.87 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

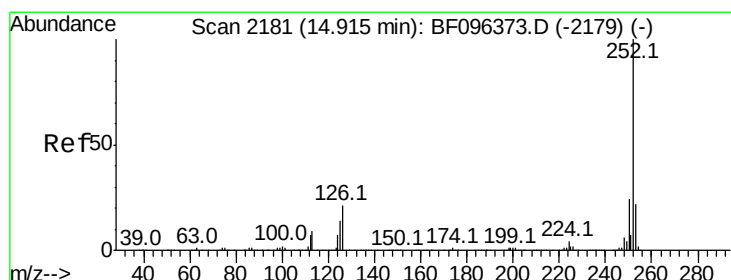
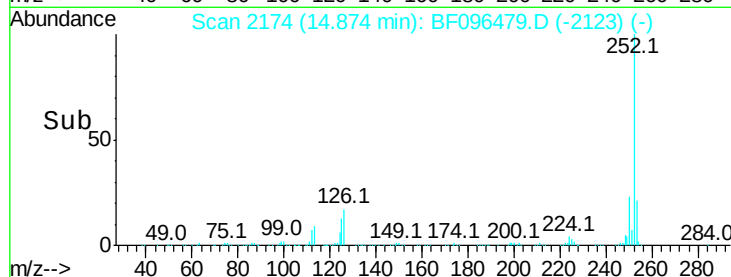
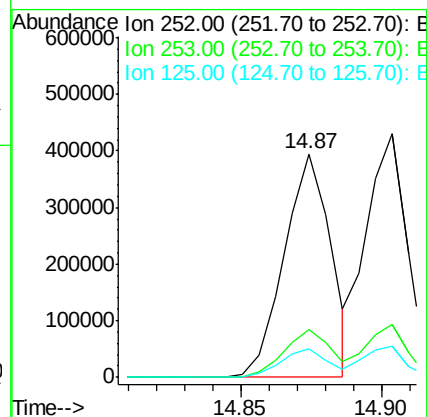
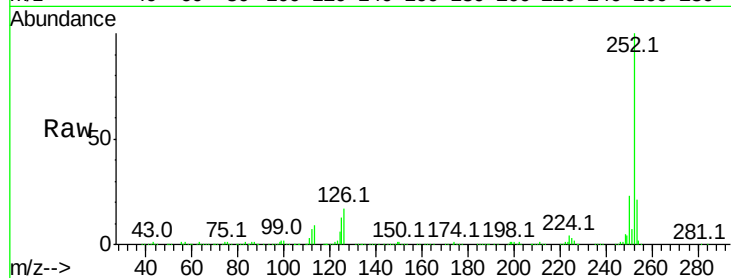
Tot Ion:252 Resp: 452853

Ion Ratio Lower Upper

252 100

253 21.2 18.1 27.1

125 12.9 9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 39.47 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

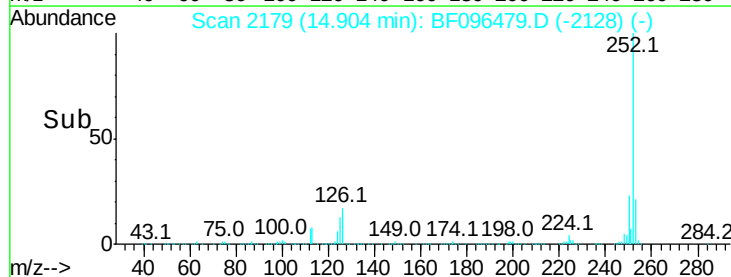
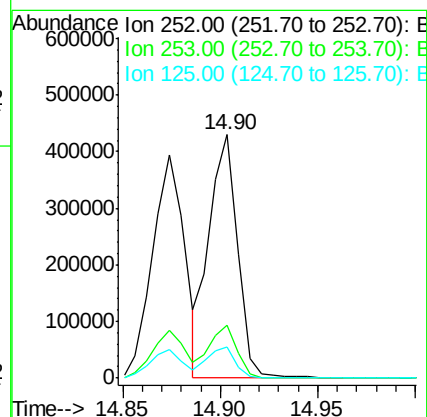
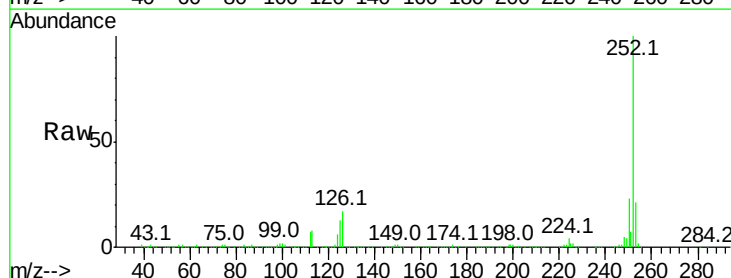
Tgt Ion:252 Resp: 433254

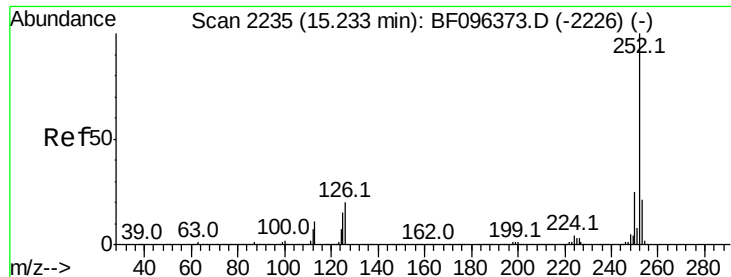
Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

125 12.7 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.03 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

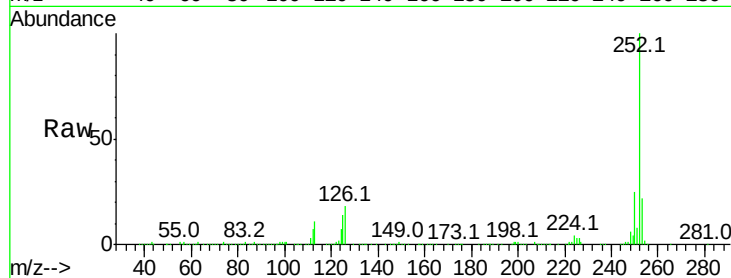
Tot Ion:252 Resp: 427631

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

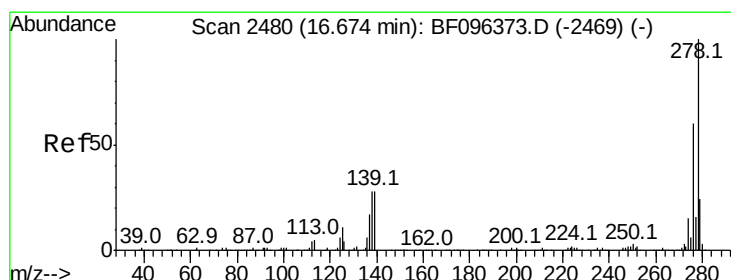
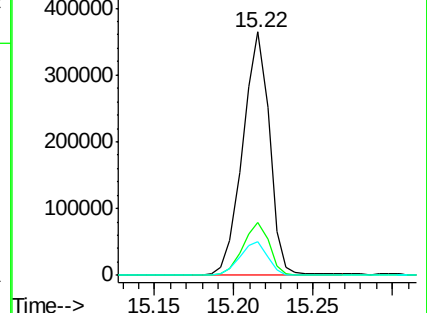
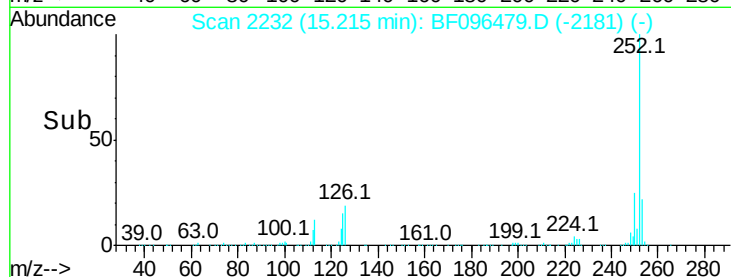
125 14.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.32 ng

RT: 16.65 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

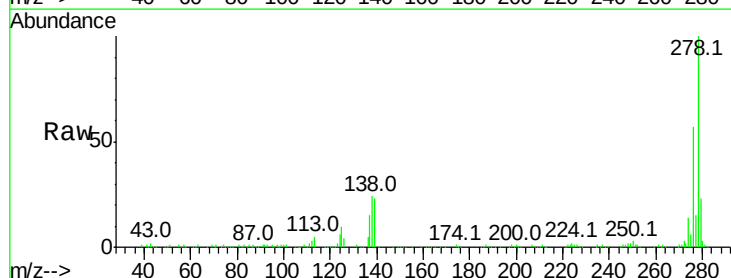
Tgt Ion:278 Resp: 347490

Ion Ratio Lower Upper

278 100

139 22.7 16.6 24.8

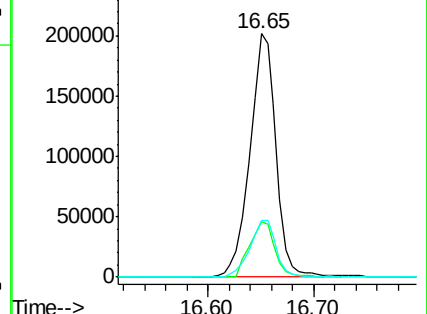
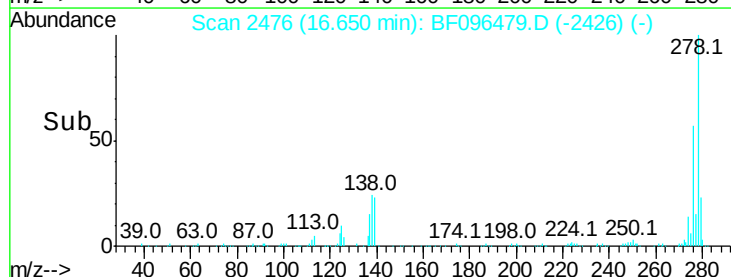
279 23.3 19.3 28.9

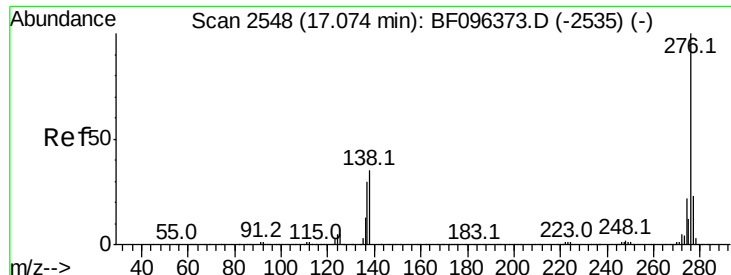


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.46 ng

RT: 17.04 min Scan# 2543

Delta R.T. -0.01 min

Lab File: BF096479.D

Acq: 5 Jul 2017 13:03

Instrument :

BNA_F

ClientSampleId :

B8-12-14MS

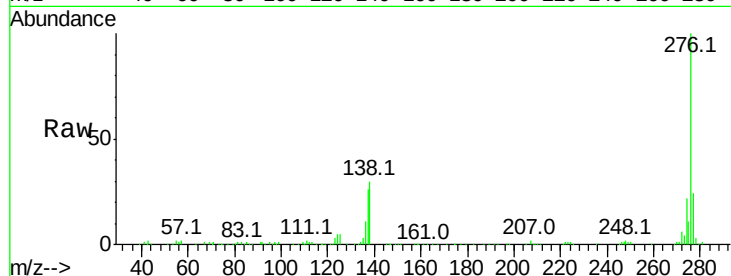
Tot Ion:276 Resp: 343512

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.9 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

