

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096779.D
 Acq On : 14 Jul 2017 18:44
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 14 23:49:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	97459	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	415530	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	207146	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	348546	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	221296	20.00	ng	0.00
86) Perylene-d12	15.14	264	192847	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	531098	81.94	ng	-0.01
7) Phenol-d6	6.27	99	598713	76.97	ng	-0.01
23) Nitrobenzene-d5	7.19	82	525158	78.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	141816	80.21	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	983774	75.03	ng	-0.01
78) Terphenyl-d14	12.72	244	895399	70.17	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	126275	37.86	ng	# 73
3) Pyridine	2.88	79	277490	39.59	ng	# 61
4) n-Nitrosodimethylamine	2.83	42	159228	40.62	ng	# 76
6) Aniline	6.29	93	373621	39.00	ng	# 39
8) 2-Chlorophenol	6.41	128	272789	39.01	ng	95
9) Benzaldehyde	6.17	77	159795	35.54	ng	99
10) Phenol	6.29	94	335454	38.15	ng	# 65
11) bis(2-Chloroethyl)ether	6.37	93	251134	37.98	ng	95
12) 1,3-Dichlorobenzene	6.57	146	287595	38.69	ng	98
13) 1,4-Dichlorobenzene	6.65	146	291259	38.69	ng	97
14) 1,2-Dichlorobenzene	6.80	146	272116	39.75	ng	97
15) Benzyl Alcohol	6.77	79	205169	40.29	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.91	45	520222	38.12	ng	92
17) 2-Methylphenol	6.89	107	210765	38.76	ng	97
18) Hexachloroethane	7.14	117	104110	39.01	ng	# 83
19) n-Nitroso-di-n-propylamine	7.05	70	175658	37.48	ng	# 85
20) 3+4-Methylphenols	7.05	107	256475	38.87	ng	# 68
22) Acetophenone	7.04	105	358856	38.64	ng	98
24) Nitrobenzene	7.21	77	271769	39.17	ng	94
25) Isophorone	7.46	82	484631	38.83	ng	# 93
26) 2-Nitrophenol	7.53	139	154800	40.13	ng	# 86
27) 2,4-Dimethylphenol	7.57	122	247091	38.93	ng	97
28) bis(2-Chloroethoxy)methane	7.67	93	321624	38.14	ng	100
29) 2,4-Dichlorophenol	7.77	162	228476	39.77	ng	99
30) 1,2,4-Trichlorobenzene	7.86	180	215191	39.40	ng	98
31) Naphthalene	7.93	128	781838	39.72	ng	99
32) Benzoic acid	7.72	122	179047	44.14	ng	94
33) 4-Chloroaniline	7.98	127	322648	41.37	ng	98
34) Hexachlorobutadiene	8.06	225	116441	39.93	ng	98
35) Caprolactam	8.36	113	77671	42.19	ng	# 64
36) 4-Chloro-3-methylphenol	8.47	107	277460	44.92	ng	90
37) 2-Methylnaphthalene	8.62	142	551208	43.92	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	213109	38.06	ng	99
40) Hexachlorocyclopentadiene	8.78	237	77845	39.64	ng	100

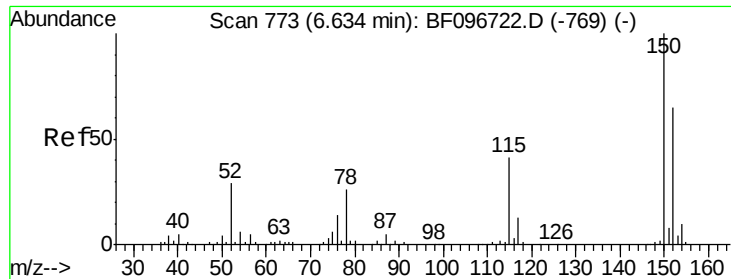
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096779.D
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 Operator : SJ/JU
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Quant Time: Jul 14 23:49:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	163402	39.56	nq	98
43) 2,4,5-Trichlorophenol	8.95	196	168702	40.50	nq	95
45) 1,1'-Biphenyl	9.09	154	693540	39.04	nq	98
46) 2-Chloronaphthalene	9.11	162	495569	37.88	nq	95
47) 2-Nitroaniline	9.20	65	188994	42.03	nq	93
48) Acenaphthylene	9.52	152	813337	39.02	nq	99
49) Dimethylphthalate	9.39	163	604333	38.75	nq	99
50) 2,6-Dinitrotoluene	9.45	165	136929	40.53	nq	# 88
51) Acenaphthene	9.69	154	437535	35.53	nq	97
52) 3-Nitroaniline	9.62	138	167628	41.88	nq	93
53) 2,4-Dinitrophenol	9.73	184	64972	42.31	nq	# 69
54) Dibenzofuran	9.86	168	608363	35.26	nq	98
55) 4-Nitrophenol	9.79	139	115783	39.60	nq	# 75
56) 2,4-Dinitrotoluene	9.85	165	163991	37.78	nq	# 76
57) Fluorene	10.20	166	507427	39.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	109554	37.92	nq	99
59) Diethylphthalate	10.09	149	572940	37.73	nq	99
60) 4-Chlorophenyl-phenylether	10.20	204	210045	38.19	nq	98
61) 4-Nitroaniline	10.23	138	166939	44.42	nq	91
62) Azobenzene	10.36	77	541086	40.39	nq	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	99491	45.46	nq	87
65) n-Nitrosodiphenylamine	10.32	169	489618	39.30	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	131402	36.93	nq	97
67) Hexachlorobenzene	10.76	284	153063	38.62	nq	# 92
68) Atrazine	10.85	200	143553	40.44	nq	94
69) Pentachlorophenol	10.94	266	85289	44.55	nq	99
70) Phenanthrene	11.16	178	728889	38.46	nq	99
71) Anthracene	11.21	178	766635	40.01	nq	100
72) Carbazole	11.37	167	769786	41.49	nq	99
73) Di-n-butylphthalate	11.71	149	820564	35.51	nq	98
74) Fluoranthene	12.34	202	722033	39.80	nq	98
76) Benzidine	12.46	184	417364	57.57	nq	# 95
77) Pyrene	12.57	202	769925	38.34	nq	99
79) Butylbenzylphthalate	13.20	149	377311	79.08	nq	# 83
80) Benzo(a)anthracene	13.76	228	539935	39.16	nq	99
81) 3,3'-Dichlorobenzidine	13.72	252	216968	43.76	nq	# 96
82) Chrysene	13.79	228	540877	39.85	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	392549	33.78	nq	99
84) Di-n-octyl phthalate	14.37	149	704471	36.67	nq	95
85) Indeno(1,2,3-cd)pyrene	16.45	276	421040	34.12	nq	99
87) Benzo(b)fluoranthene	14.76	252	459788	39.53	nq	99
88) Benzo(k)fluoranthene	14.79	252	445354	40.44	nq	# 93
89) Benzo(a)pyrene	15.09	252	425352	39.87	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	335802	34.21	nq	98
91) Benzo(g,h,i)perylene	16.84	276	355075	33.78	nq	98

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

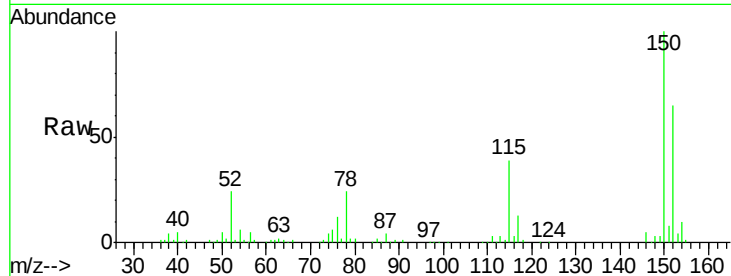


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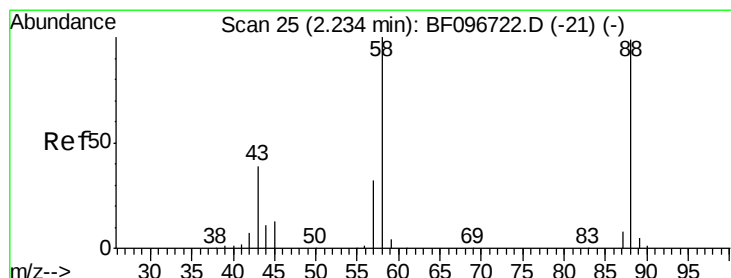
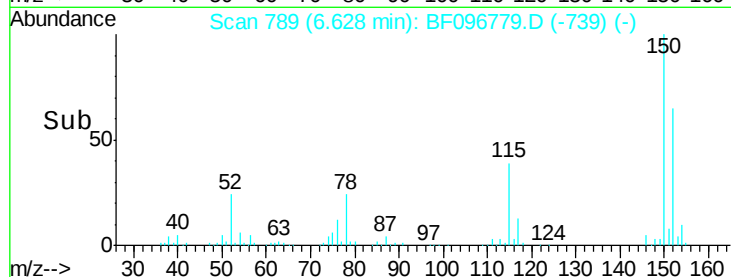
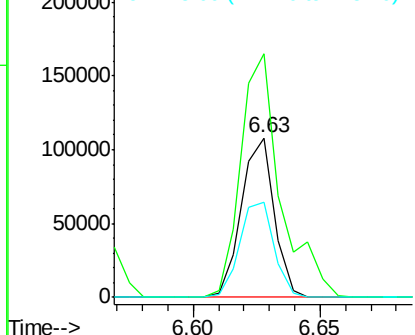
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 97459
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.2
115 59.8 52.2 78.2



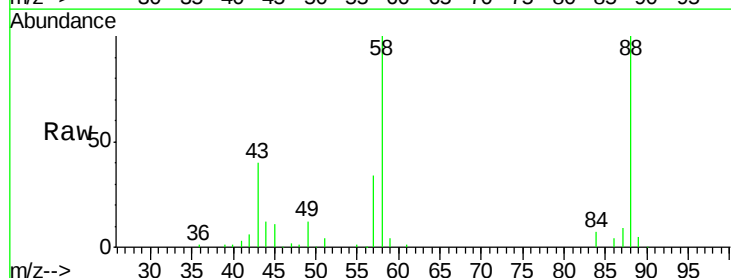
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



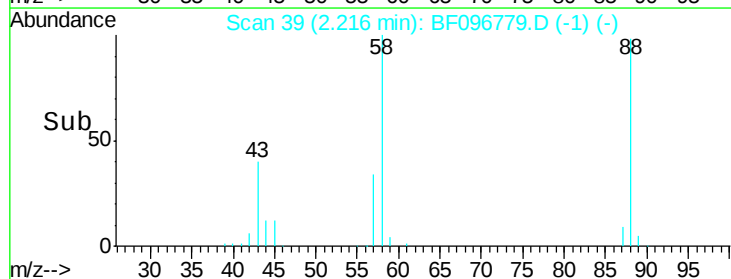
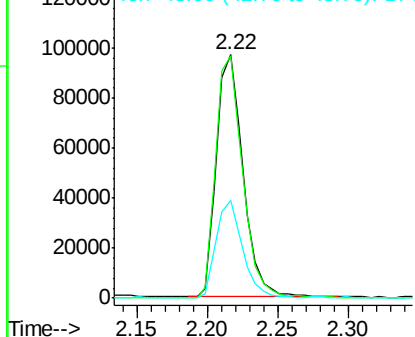
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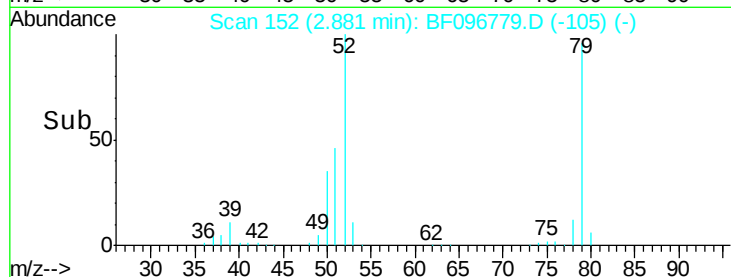
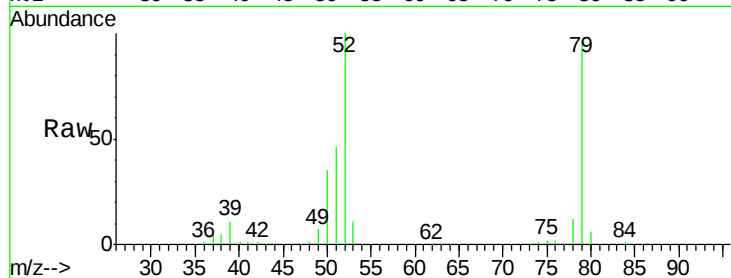
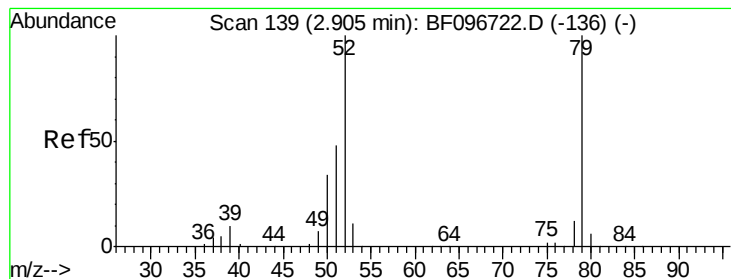
1,4-Dioxane
Concen: 37.86 ng
RT: 2.22 min Scan# 39
Delta R.T. -0.02 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion: 88 Resp: 126275
Ion Ratio Lower Upper
88 100
58 102.5 61.4 92.0#
43 39.4 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: 39.59 ng

RT: 2.88 min Scan# 152

Delta R.T. -0.02 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

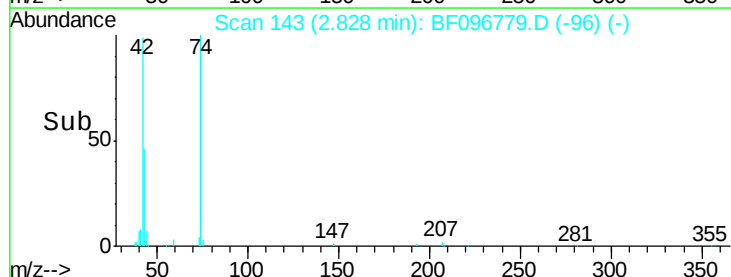
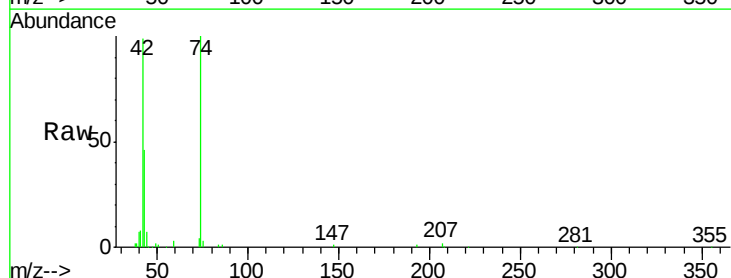
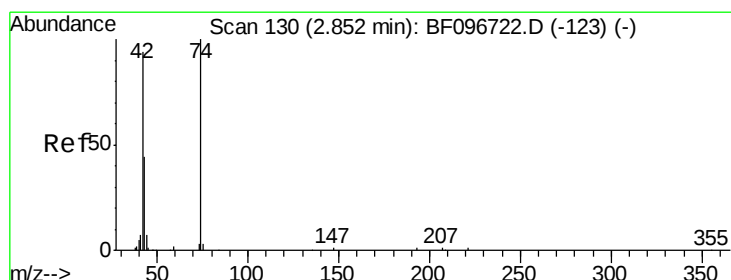
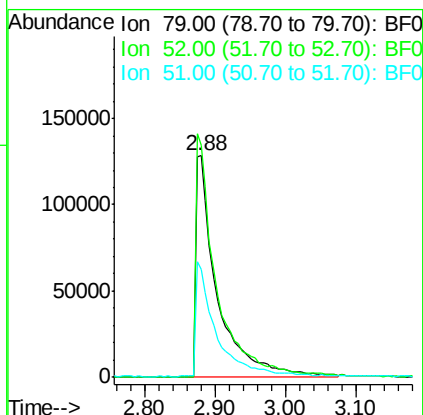
Tot Ion: 79 Resp: 277490

Ion Ratio Lower Upper

79 100

52 104.7 54.8 82.2#

51 48.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 40.62 ng

RT: 2.83 min Scan# 143

Delta R.T. -0.02 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

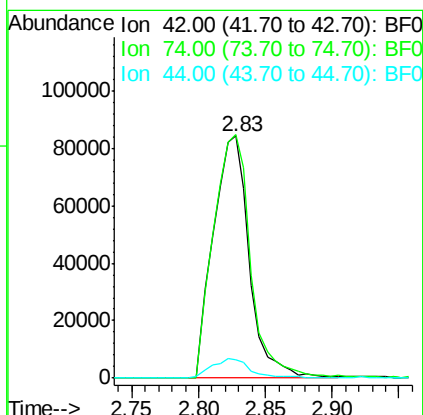
Tgt Ion: 42 Resp: 159228

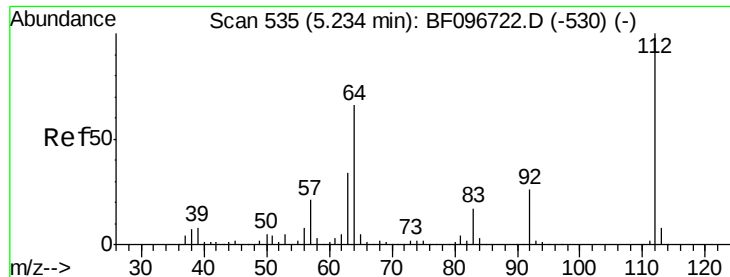
Ion Ratio Lower Upper

42 100

74 100.7 103.9 155.9#

44 7.4 5.7 8.5





#5

2-Fluorophenol

Concen: 81.94 ng

RT: 5.22 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF096779.D

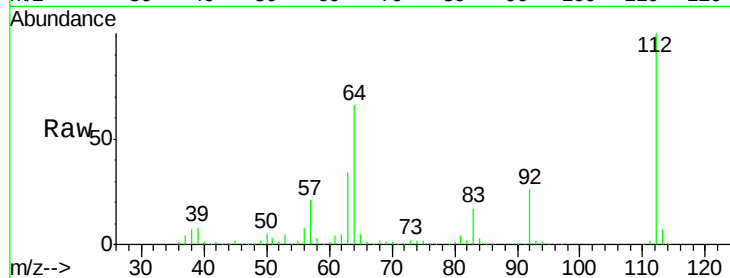
Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampled :

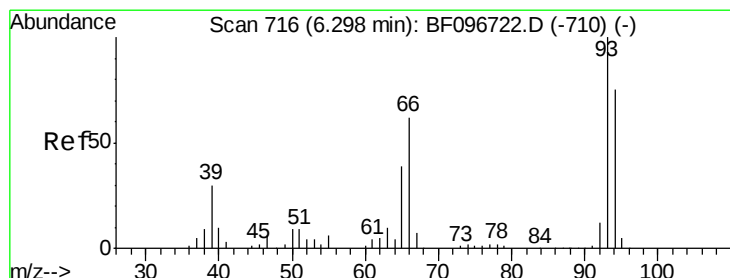
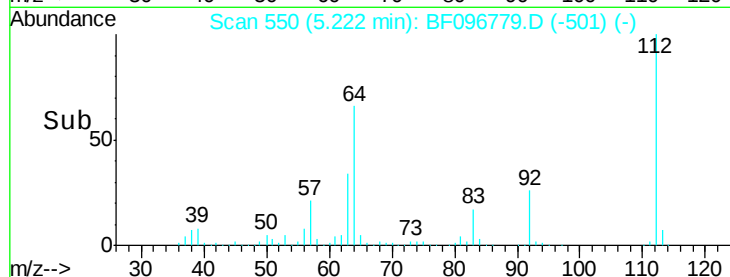
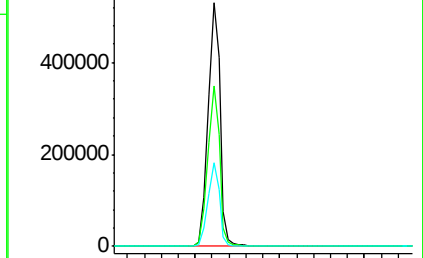
Tot Ion:	112	Resp:	531098
Ion Ratio	Lower	Upper	
112	100		
64	65.6	46.0	69.0
63	34.2	23.4	35.0



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: 39.00 ng

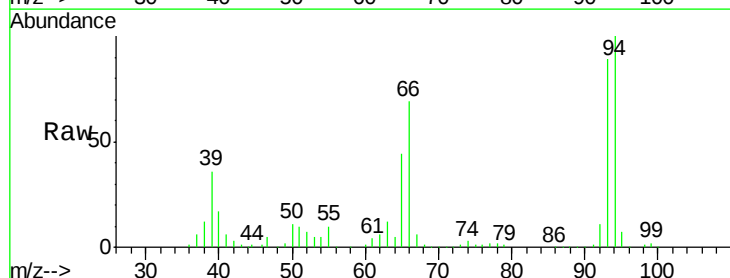
RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

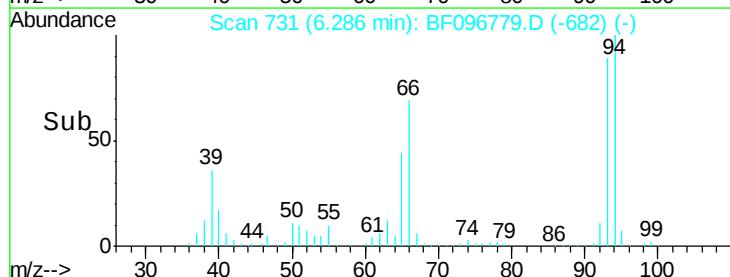
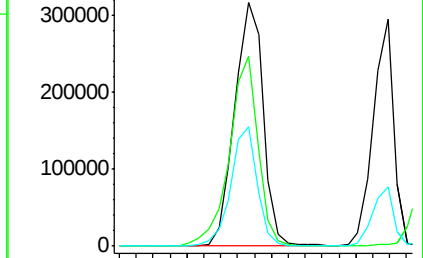
Tgt Ion:	93	Resp:	373621
Ion Ratio	Lower	Upper	
93	100		
66	78.1	32.9	49.3#
65	49.3	16.0	24.0#

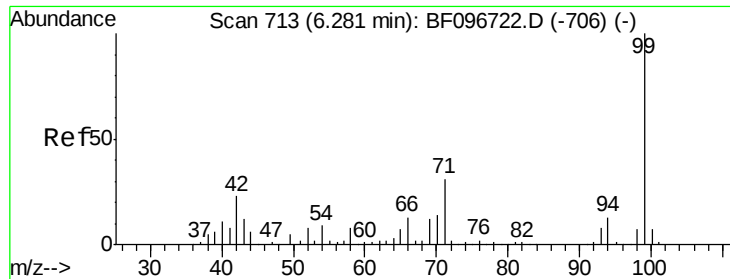


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.97 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

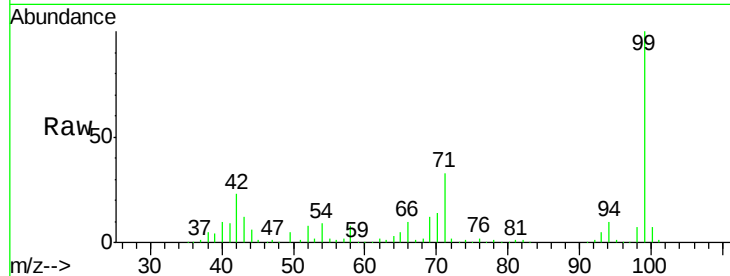
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 598713

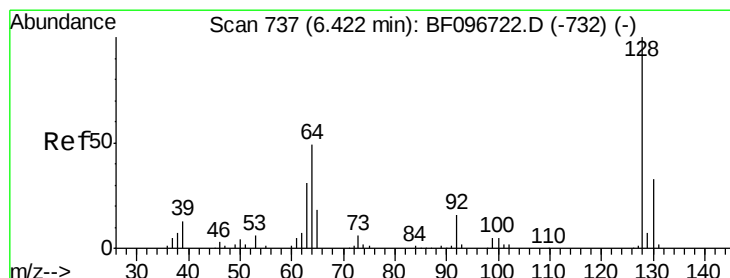
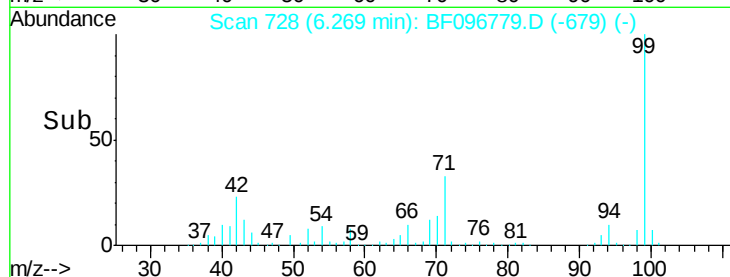
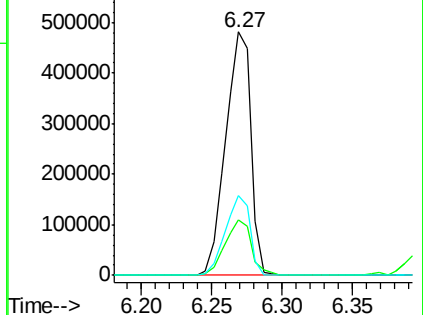
Ion	Ratio	Lower	Upper
99	100		
42	22.7	13.5	20.3#
71	32.6	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.01 ng

RT: 6.41 min Scan# 752

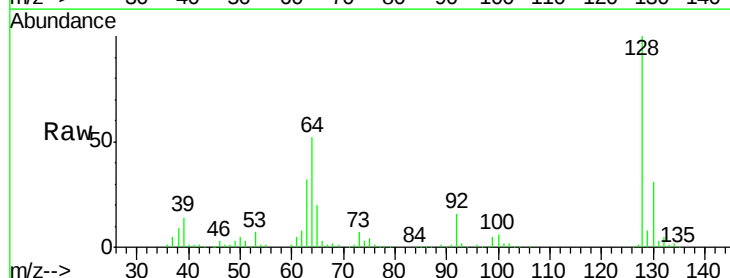
Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Tgt Ion: 128 Resp: 272789

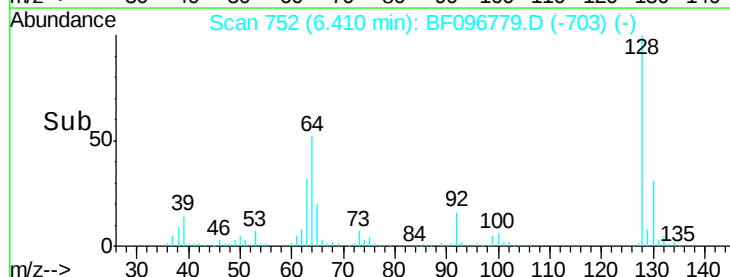
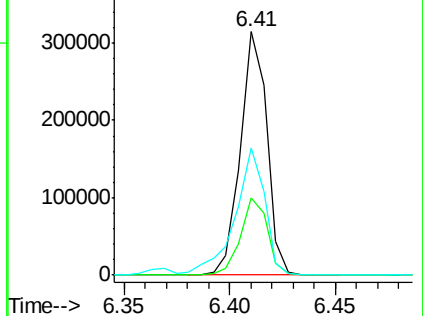
Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.9	52.9
64	52.4	28.4	68.4

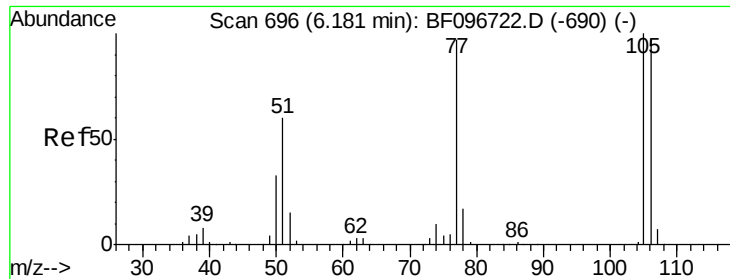


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

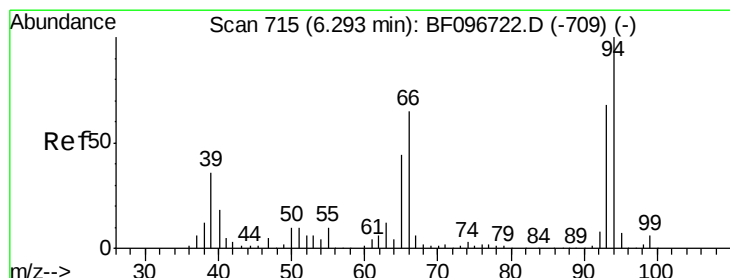
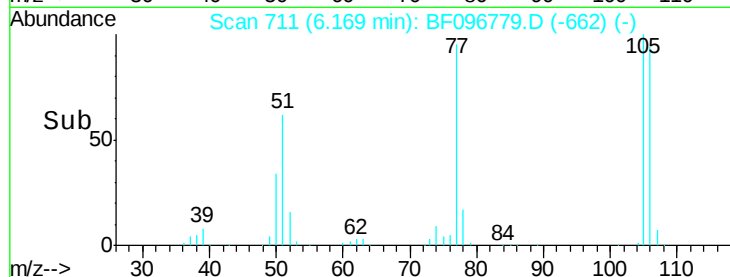
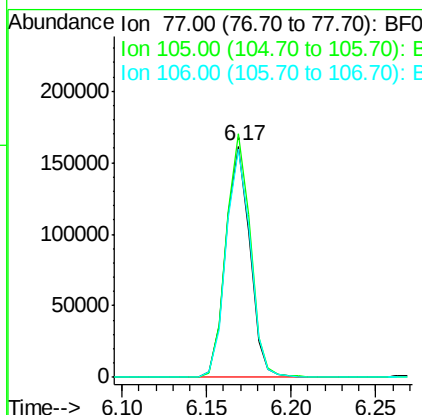
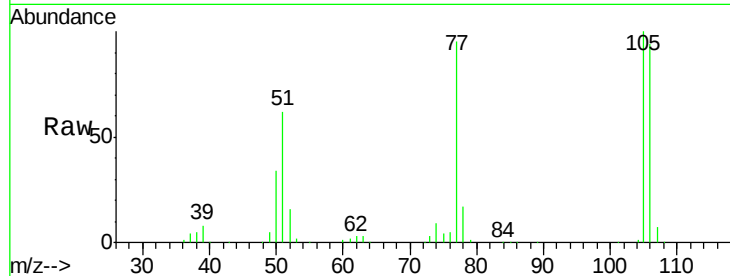




#9
Benzaldehyde
Concen: 35.54 ng
RT: 6.17 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

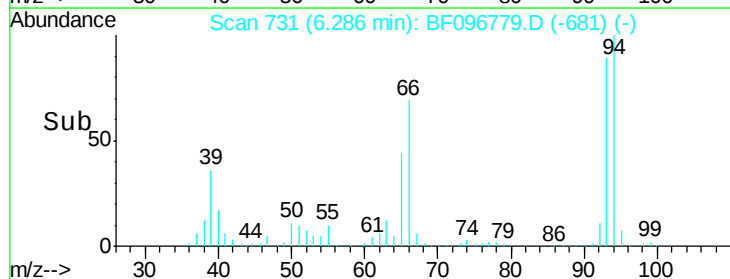
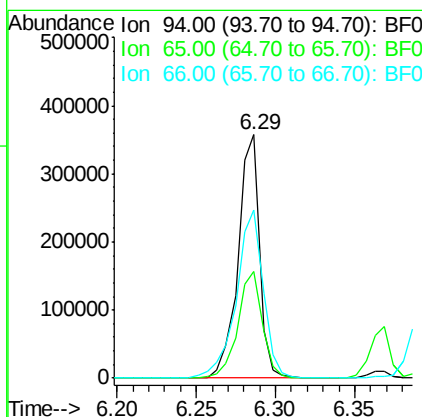
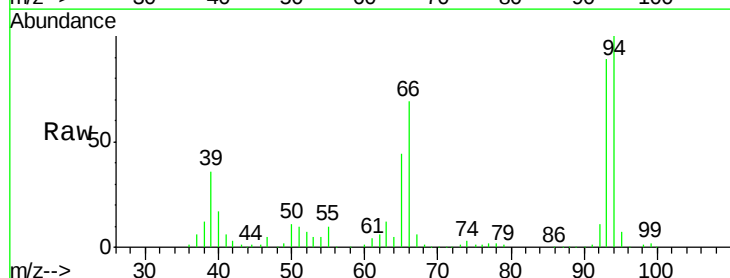
Instrument :
BNA_F
ClientSampled :

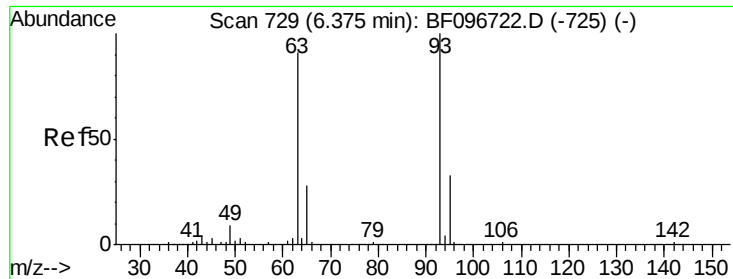
Tot Ion: 77 Resp: 159795
Ion Ratio Lower Upper
77 100
105 105.3 83.8 123.8
106 98.6 79.1 119.1



#10
Phenol
Concen: 38.15 ng
RT: 6.29 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion: 94 Resp: 335454
Ion Ratio Lower Upper
94 100
65 43.7 9.9 49.9
66 69.2 23.1 63.1#

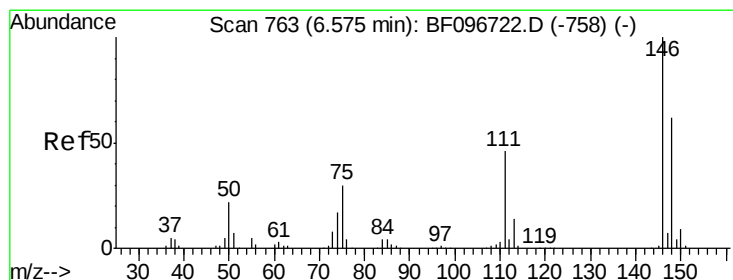
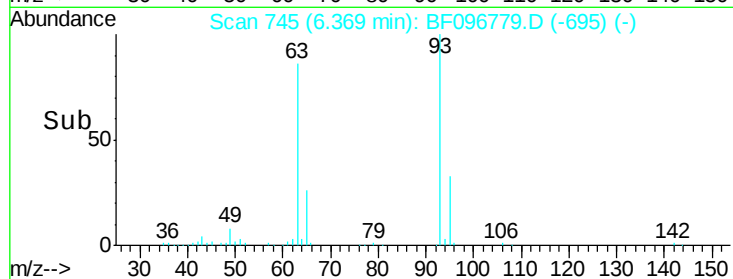
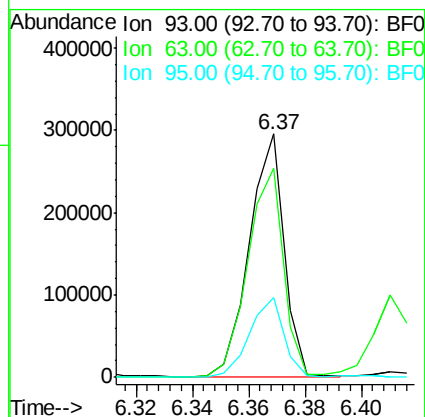
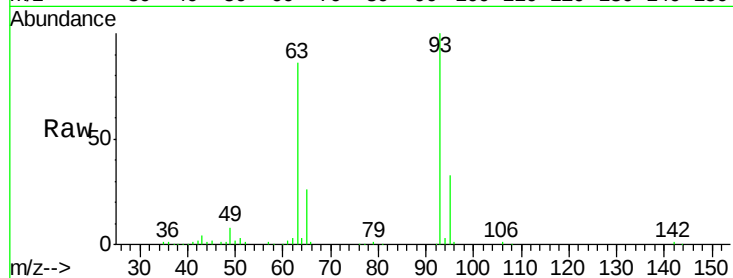




#11
 bis(2-Chloroethyl)ether
 Concen: 37.98 ng
 RT: 6.37 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

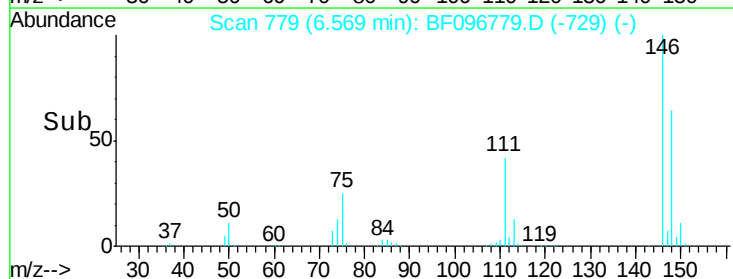
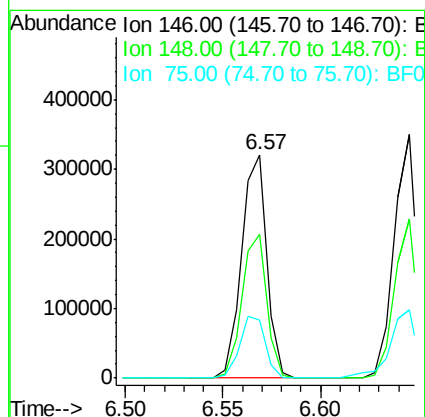
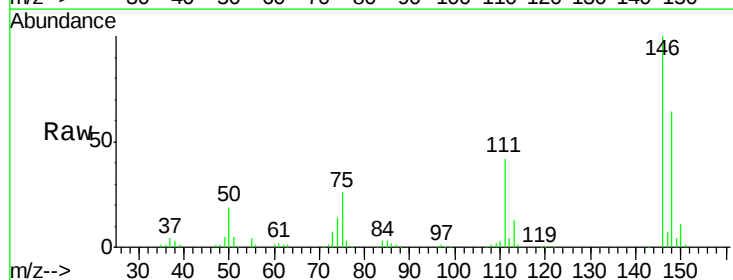
Instrument :
 BNA_F
 ClientSampleId :

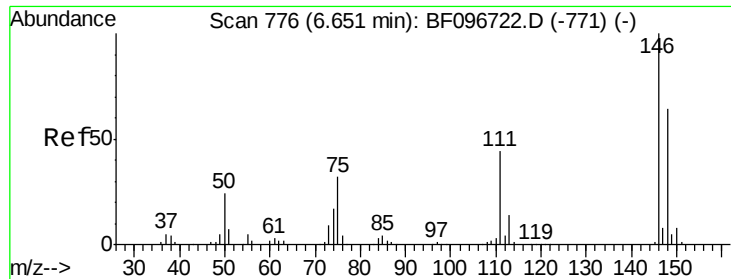
Tot Ion: 93 Resp: 251134
 Ion Ratio Lower Upper
 93 100
 63 85.7 59.2 99.2
 95 32.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.57 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion: 146 Resp: 287595
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 75 25.8 23.1 34.7

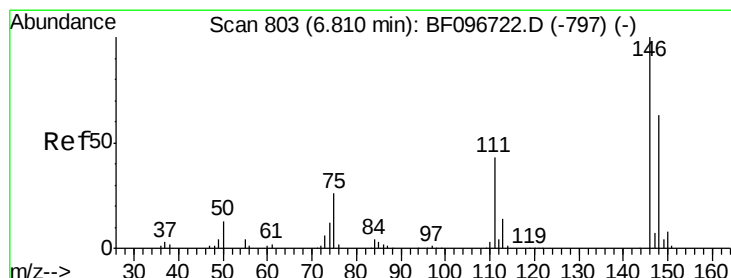
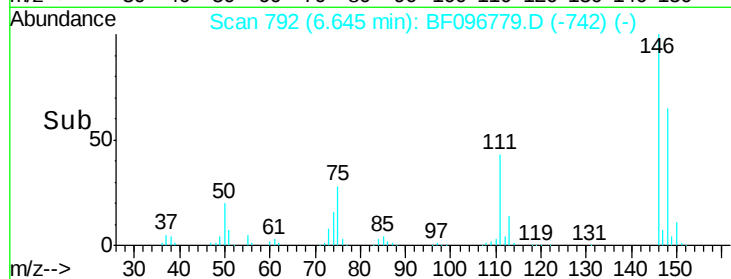
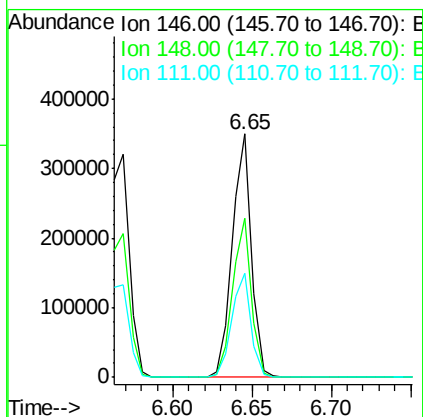
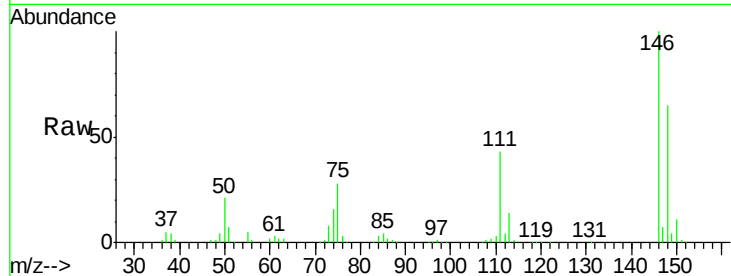




#13
 1,4-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.65 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

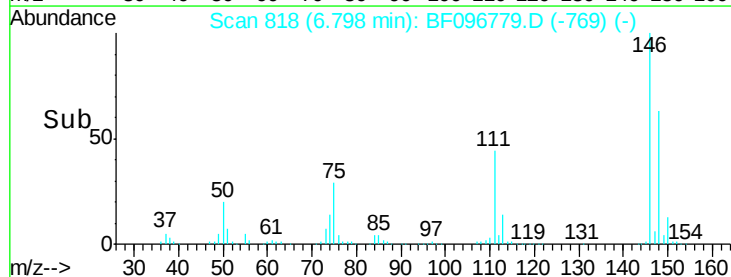
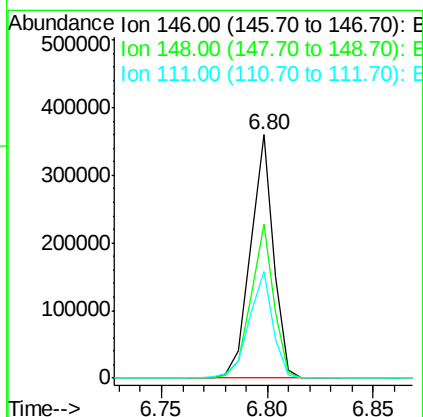
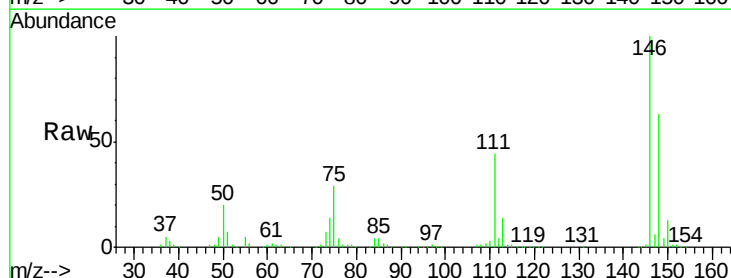
Instrument :
 BNA_F
 ClientSampleId :

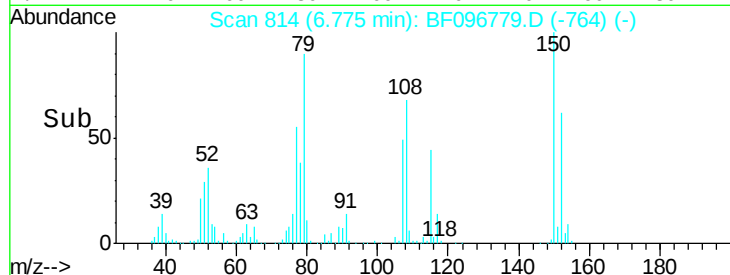
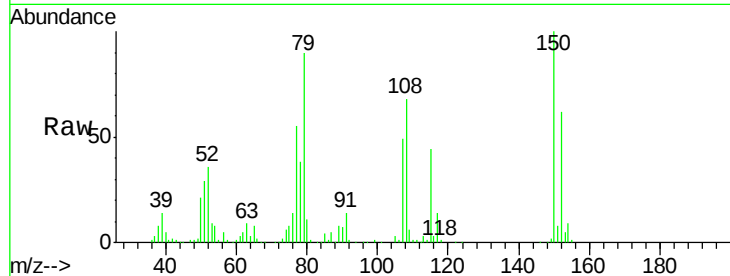
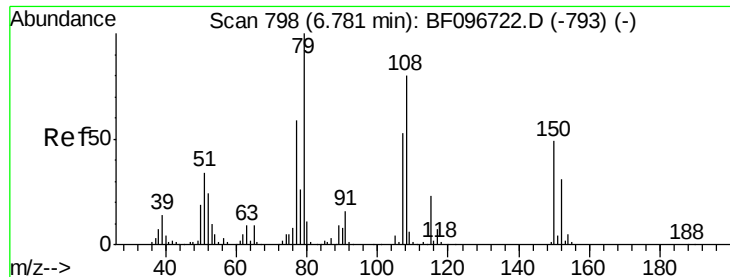
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.2	78.2
111	42.5	30.3	45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.75 ng
 RT: 6.80 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

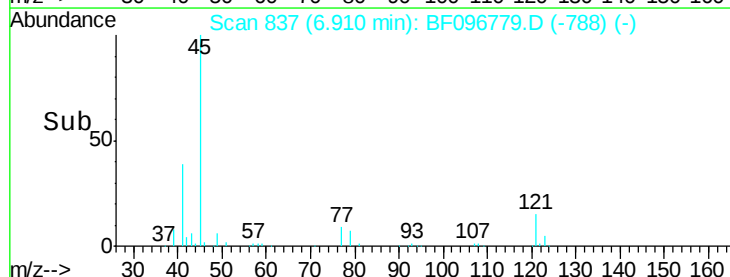
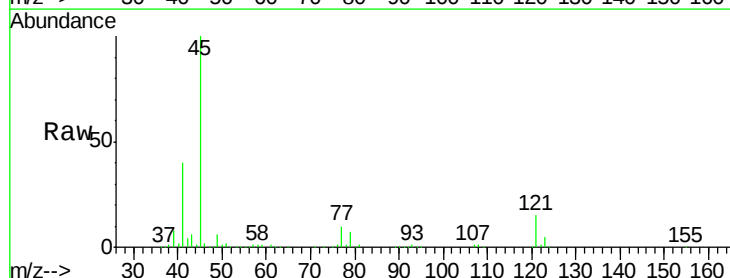
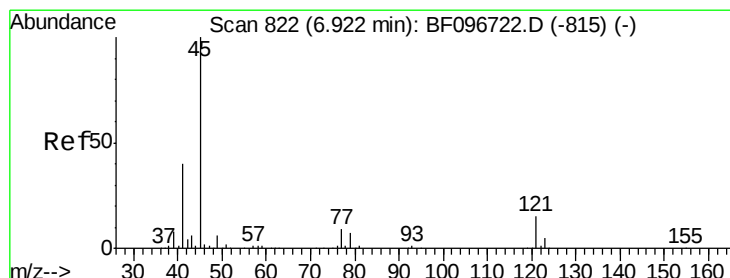
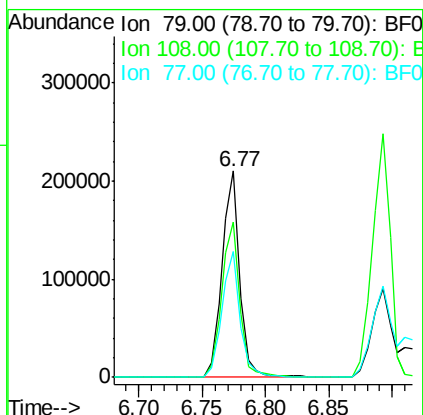
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.4	75.6
111	44.0	38.2	57.4





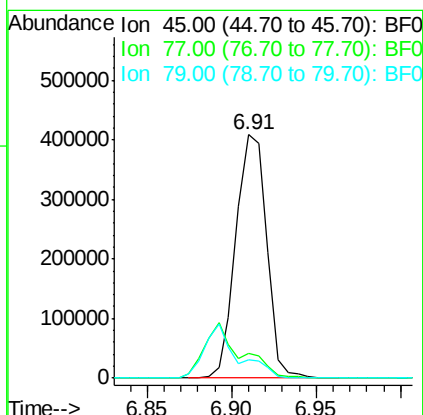
#15
Benzyl Alcohol
Concen: 40.29 ng
RT: 6.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

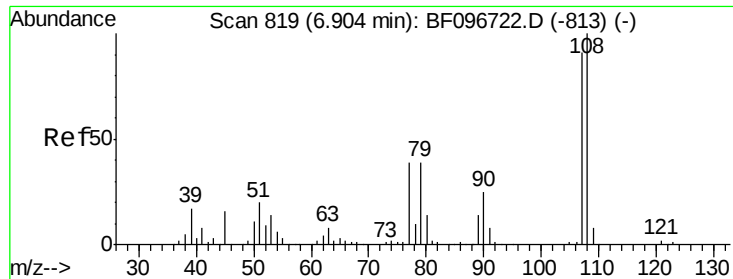
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.6	63.4	95.0
77	61.0	49.2	73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.12 ng
RT: 6.91 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	33.2
79	7.4	0.0	30.0

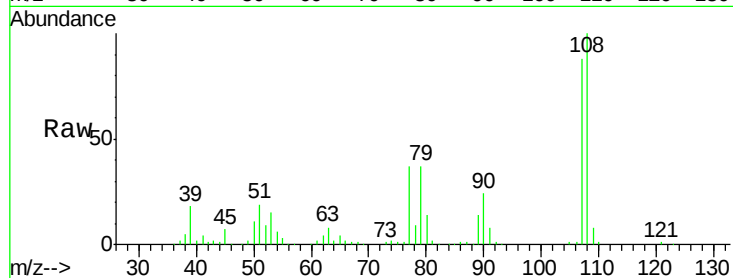




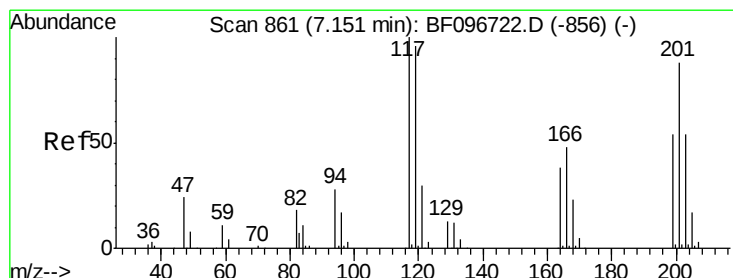
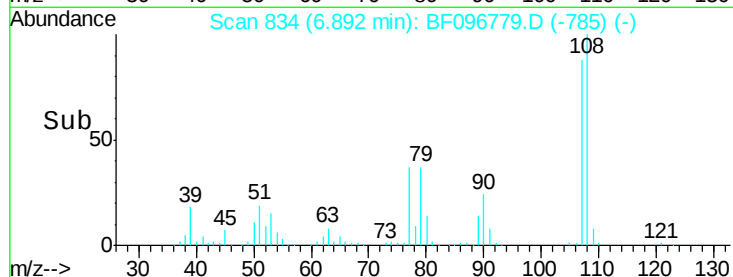
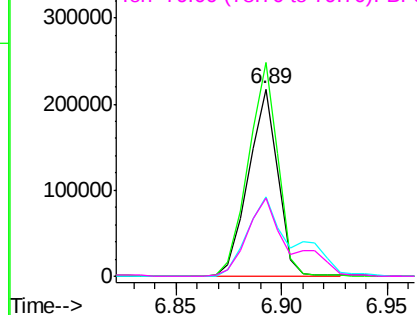
#17
2-Methylphenol
Concen: 38.76 ng
RT: 6.89 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 210765
Ion Ratio Lower Upper
107 100
108 114.1 93.4 140.0
77 42.7 35.8 53.6
79 41.7 34.8 52.2

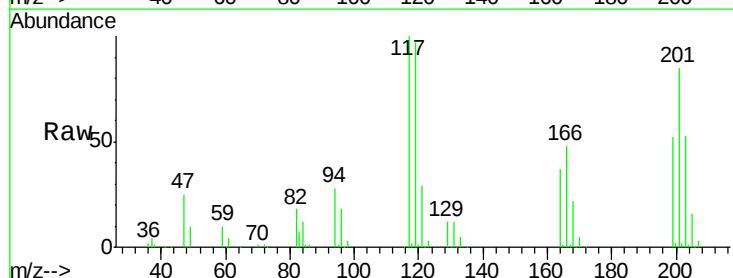


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

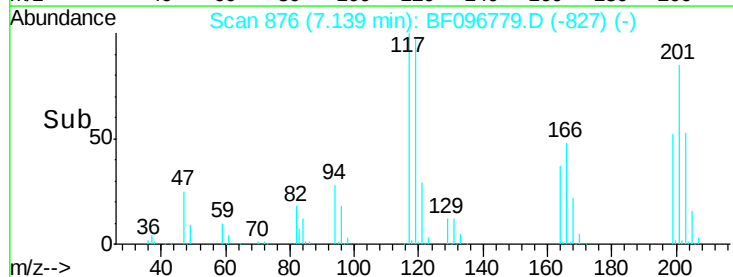
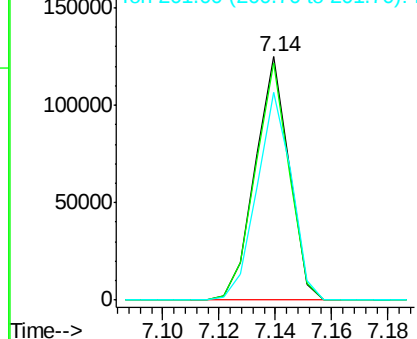


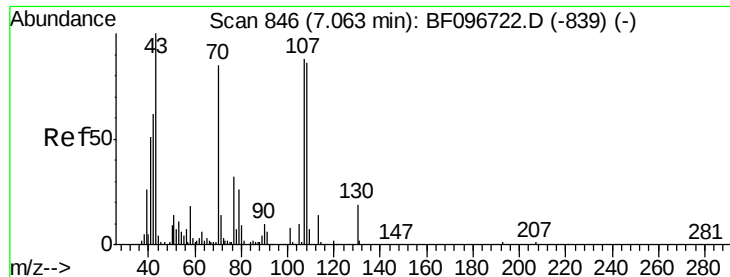
#18
Hexachloroethane
Concen: 39.01 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:117 Resp: 104110
Ion Ratio Lower Upper
117 100
119 97.2 77.4 116.0
201 85.2 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

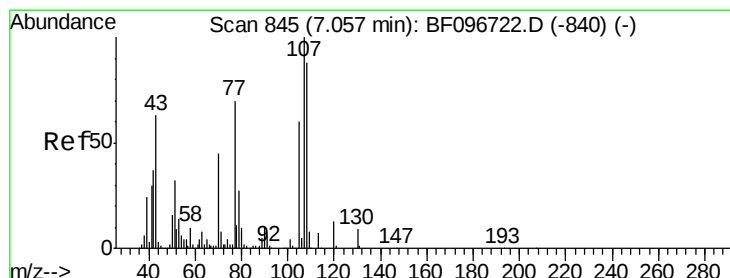
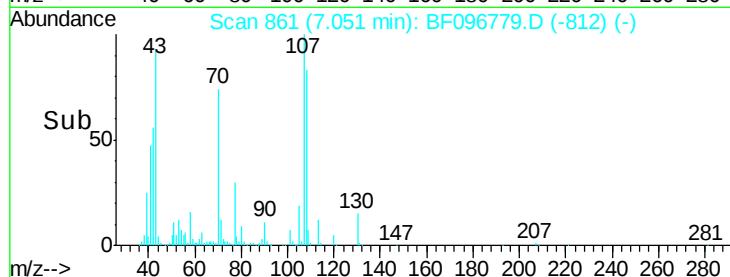
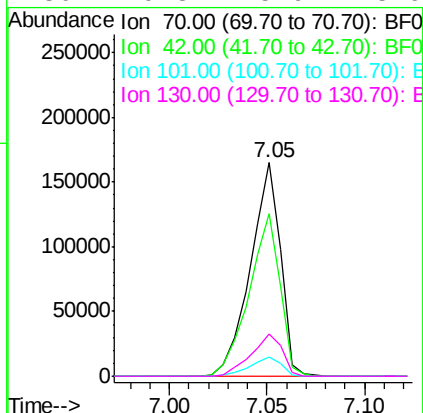
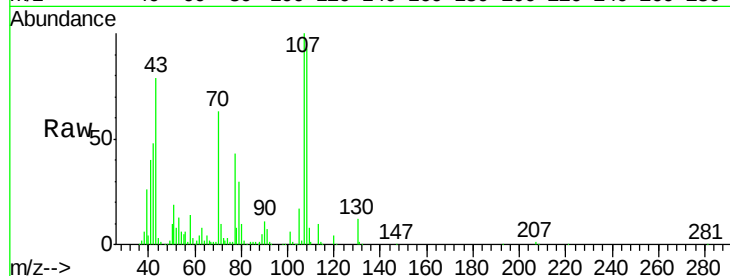




#19
n-Nitroso-di-n-propylamine
Concen: 37.48 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

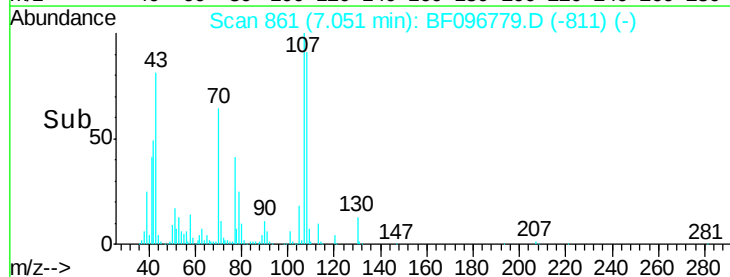
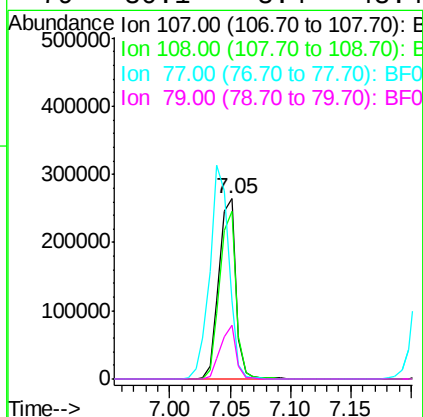
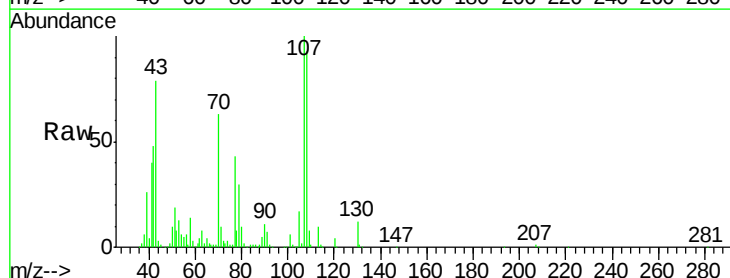
Instrument :
BNA_F
ClientSampleId :

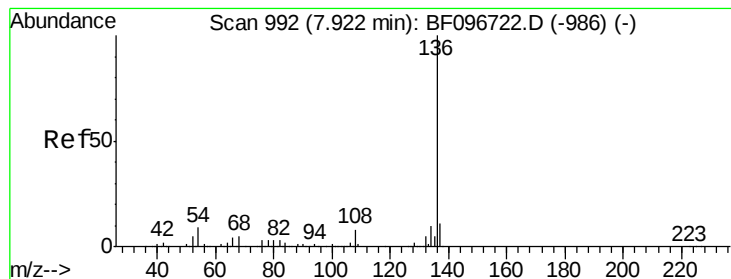
Tot Ion: 70 Resp: 175658
Ion Ratio Lower Upper
70 100
42 76.0 47.2 70.8#
101 9.0 7.2 10.8
130 19.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 38.87 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion: 107 Resp: 256475
Ion Ratio Lower Upper
107 100
108 92.9 71.0 111.0
77 43.3 90.5 130.5#
79 30.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 415530

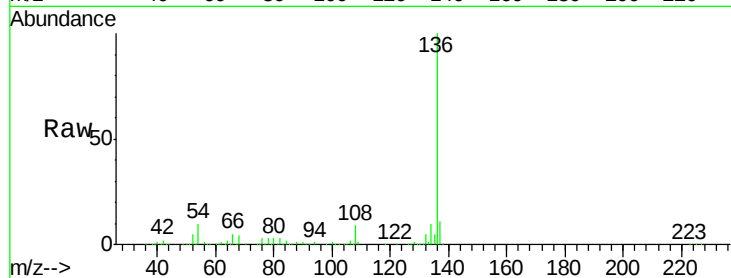
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.8 4.9 7.3#

68 4.5 4.1 6.1

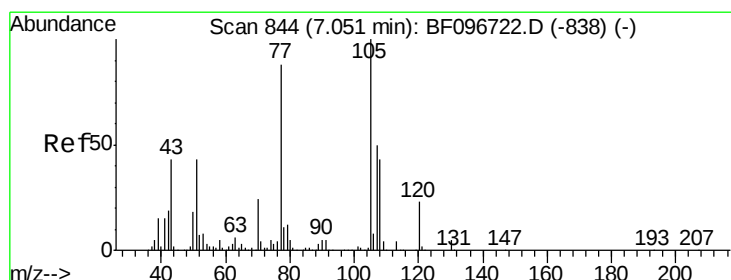
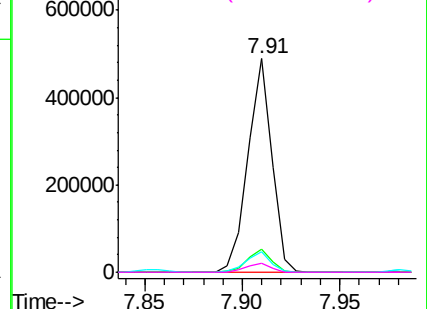
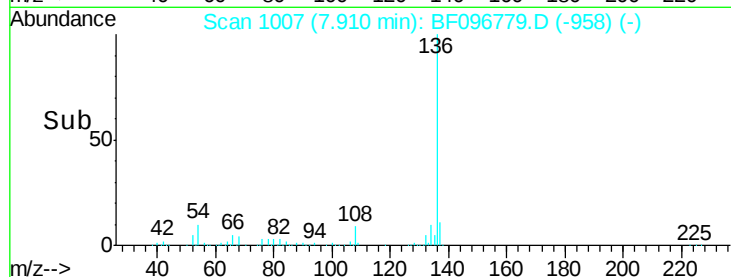


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.64 ng

RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Tgt Ion:105 Resp: 358856

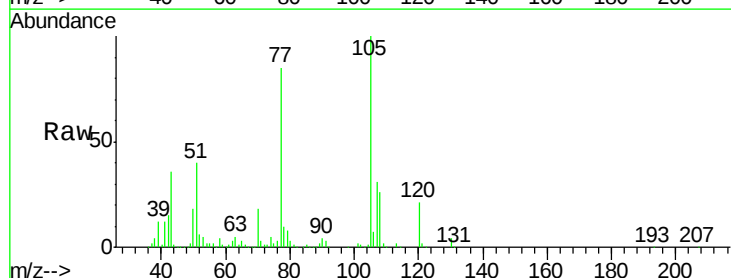
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 40.0 30.7 46.1

120 21.5 17.4 26.0

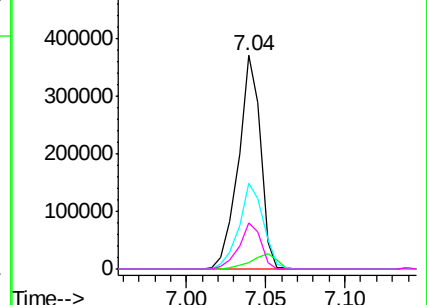
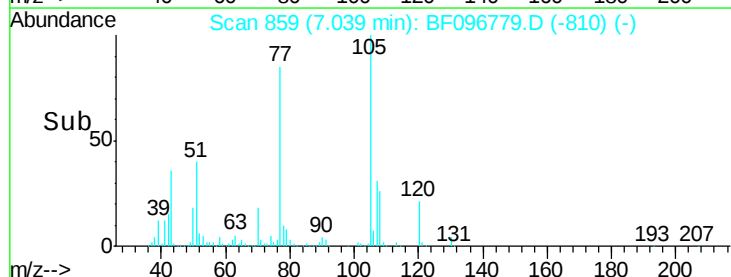


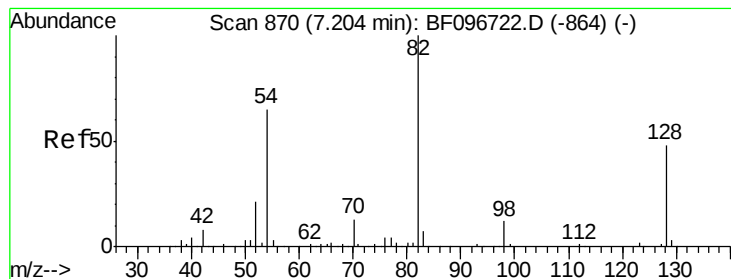
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.28 ng

RT: 7.19 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

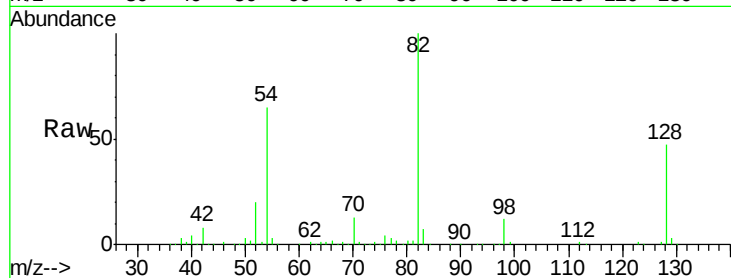
Tot Ion: 82 Resp: 525158

Ion Ratio Lower Upper

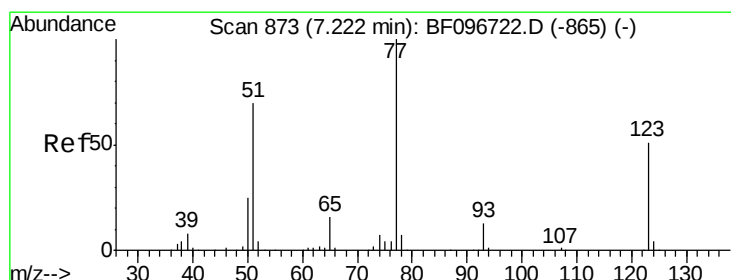
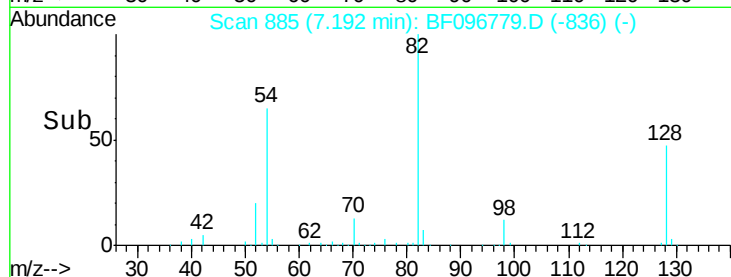
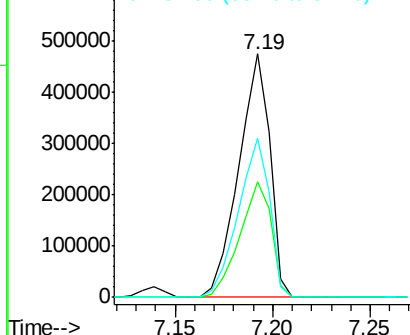
82 100

128 47.4 34.0 51.0

54 65.4 42.2 63.2#



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



#24

Nitrobenzene

Concen: 39.17 ng

RT: 7.21 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

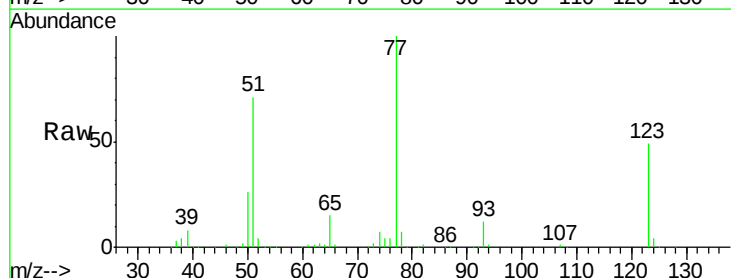
Tgt Ion: 77 Resp: 271769

Ion Ratio Lower Upper

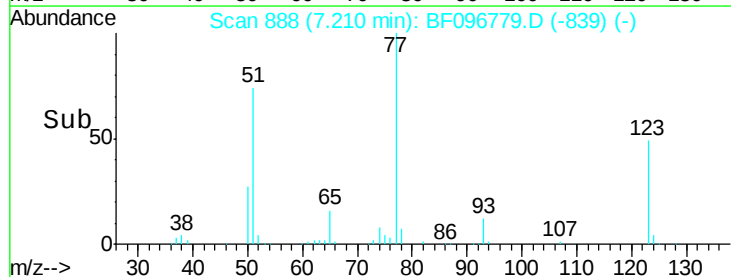
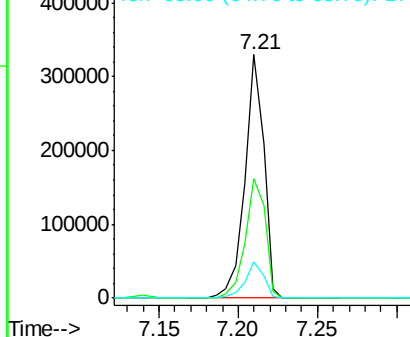
77 100

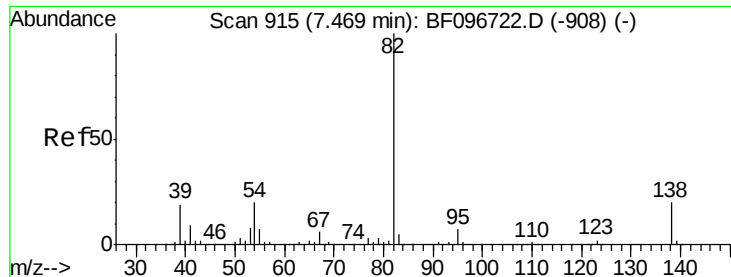
123 48.9 35.8 53.8

65 15.1 10.6 15.8



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





#25

Isophorone

Concen: 38.83 ng

RT: 7.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

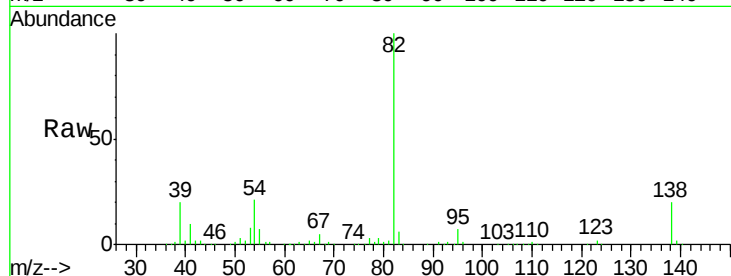
Tot Ion: 82 Resp: 484631

Ion Ratio Lower Upper

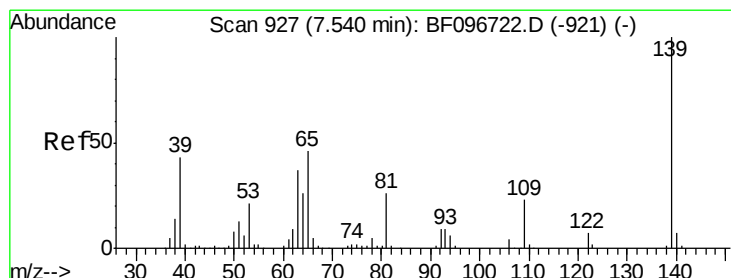
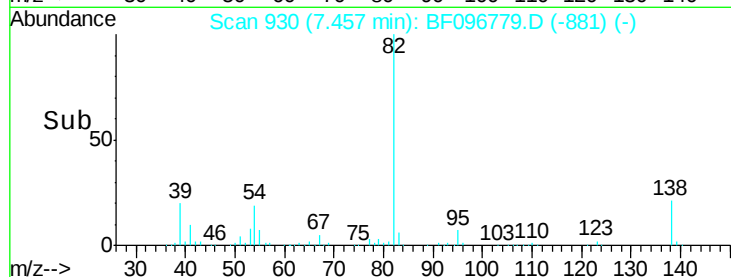
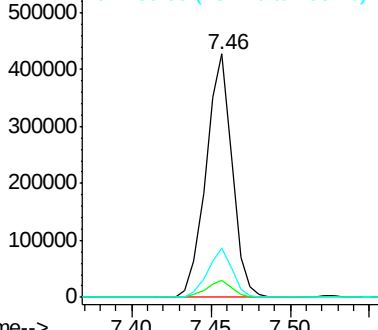
82 100

95 7.2 5.3 7.9

138 20.2 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.13 ng

RT: 7.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

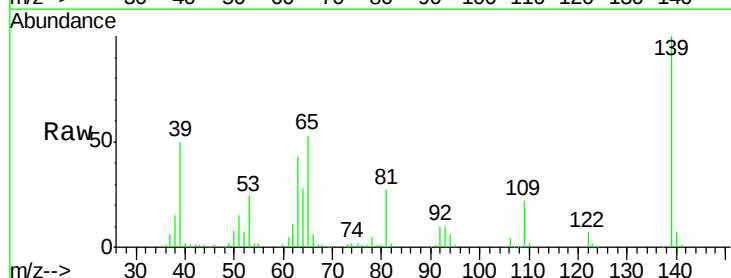
Tgt Ion: 139 Resp: 154800

Ion Ratio Lower Upper

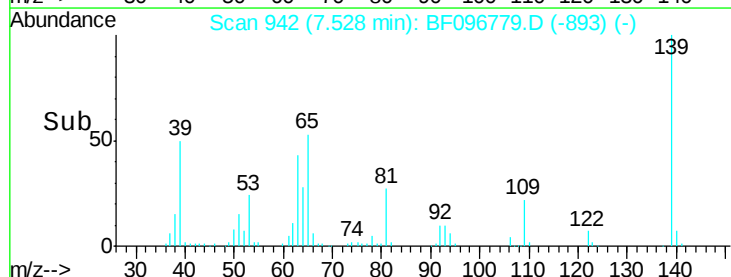
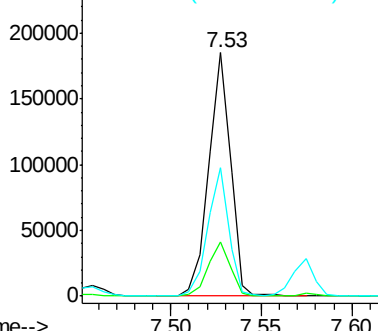
139 100

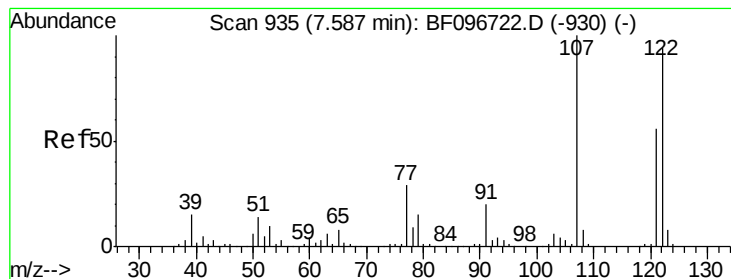
109 22.3 21.0 31.6

65 52.7 33.0 49.6#



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





#27

2,4-Dimethylphenol

Concen: 38.93 ng

RT: 7.57 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

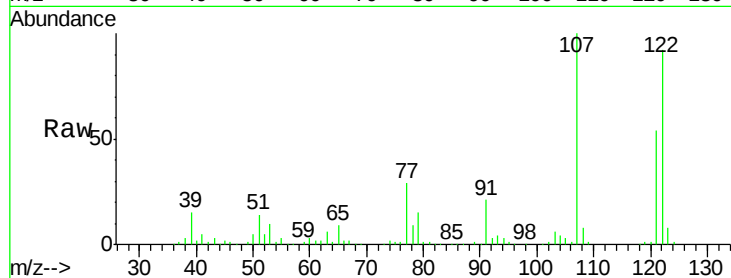
Tot Ion:122 Resp: 247091

Ion Ratio Lower Upper

122 100

107 108.9 89.2 133.8

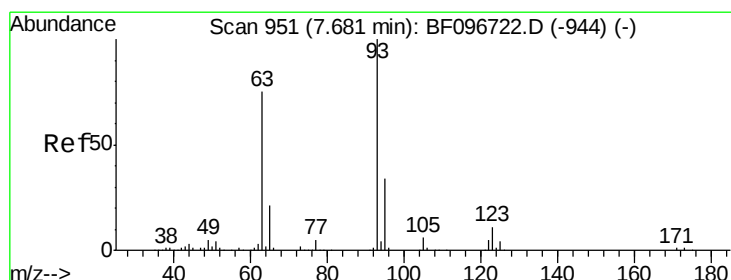
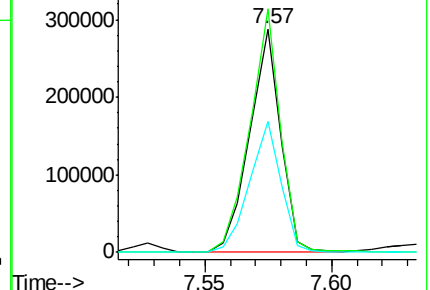
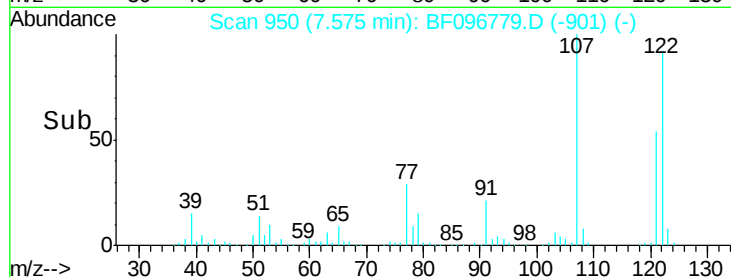
121 58.5 45.2 67.8



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: 38.14 ng

RT: 7.67 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

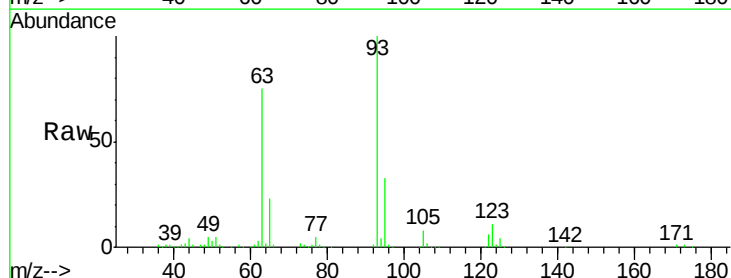
Tgt Ion: 93 Resp: 321624

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

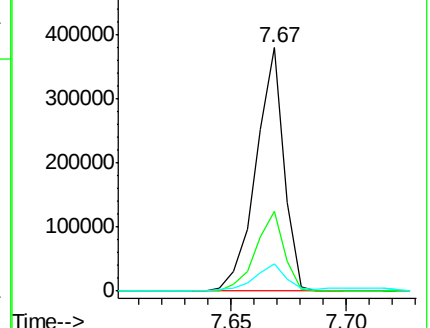
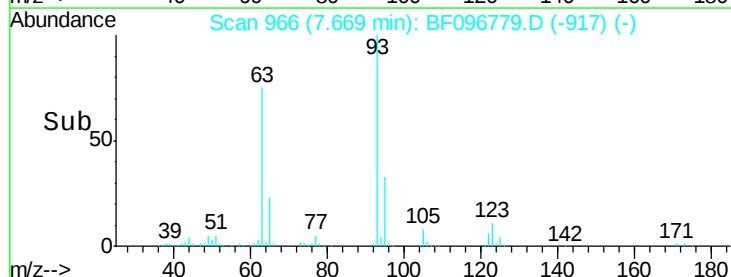
123 11.2 9.0 13.4

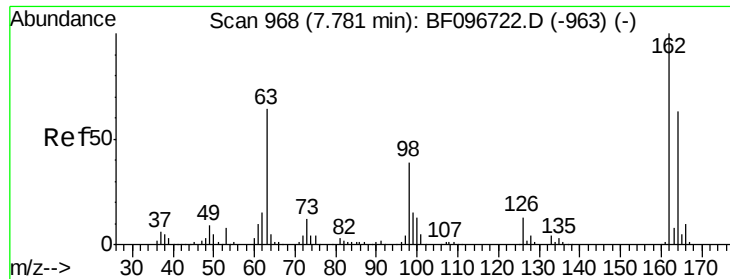


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

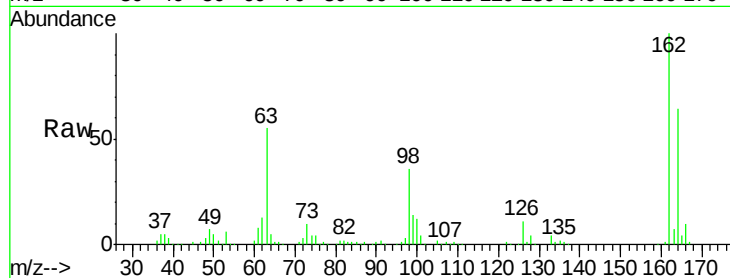




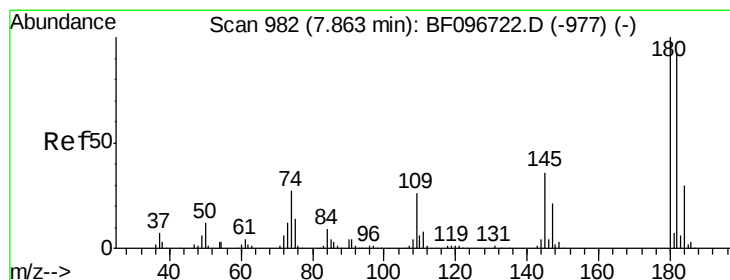
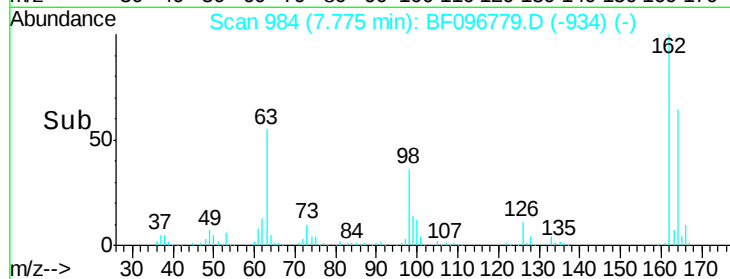
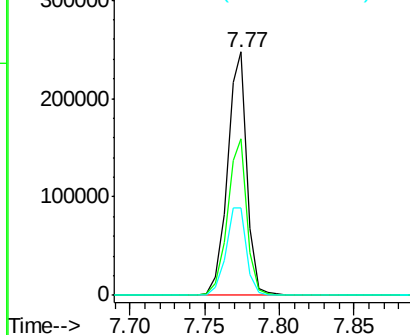
#29
2,4-Dichlorophenol
Concen: 39.77 ng
RT: 7.77 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	35.9	14.8	54.8

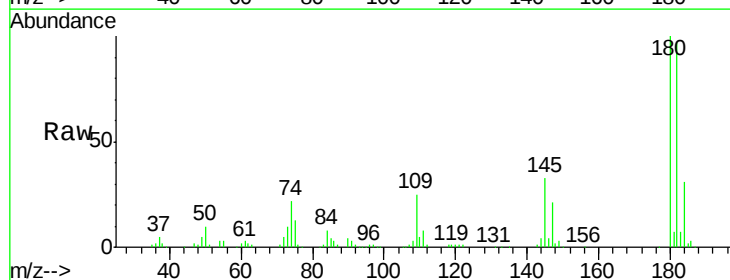


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

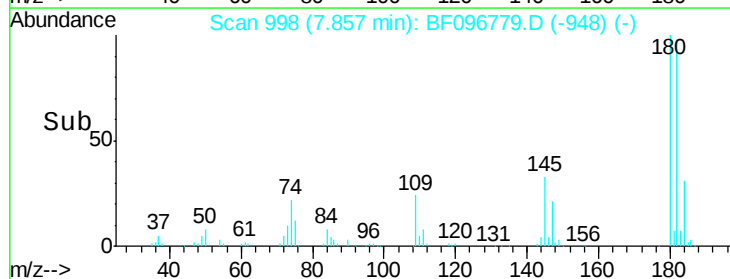
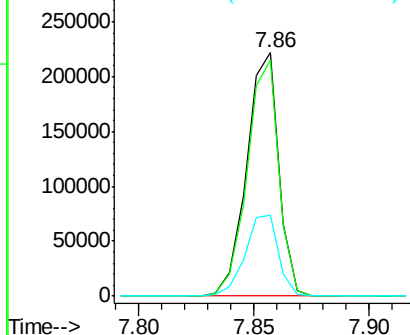


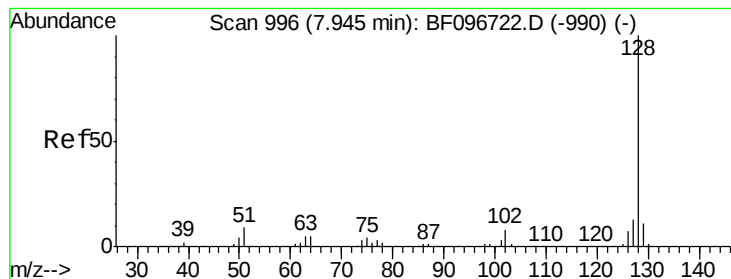
#30
1,2,4-Trichlorobenzene
Concen: 39.40 ng
RT: 7.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.6
145	33.1	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: 39.72 ng

RT: 7.93 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

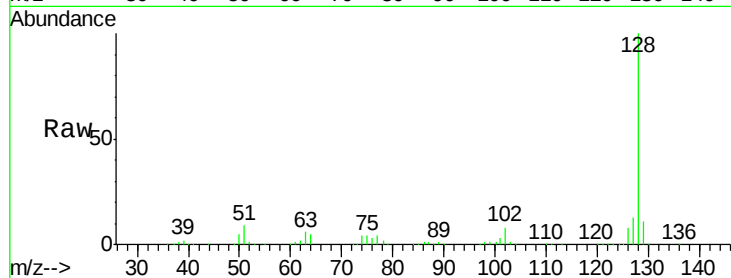
Tot Ion:128 Resp: 781838

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

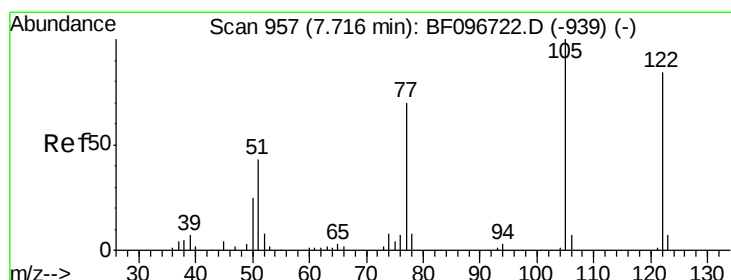
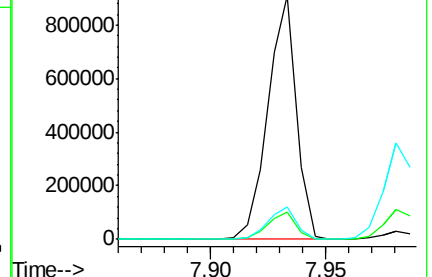
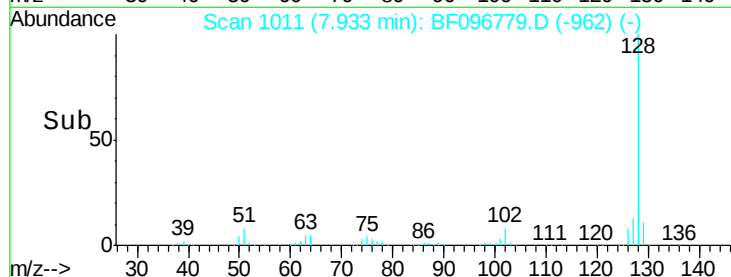
127 13.2 10.8 16.2



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: 44.14 ng

RT: 7.72 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

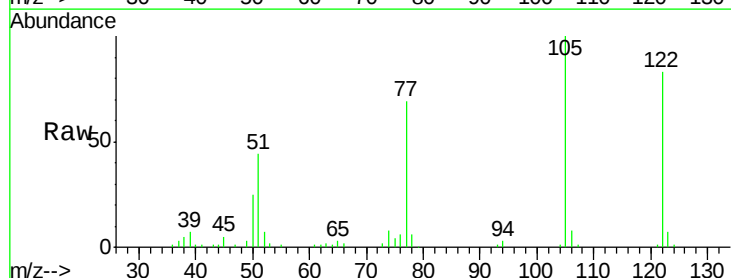
Tgt Ion:122 Resp: 179047

Ion Ratio Lower Upper

122 100

105 121.0 103.3 143.3

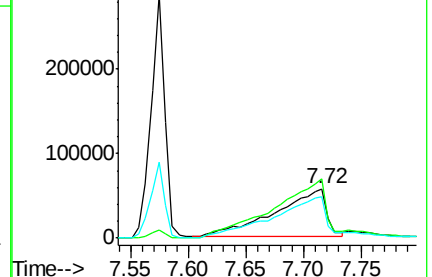
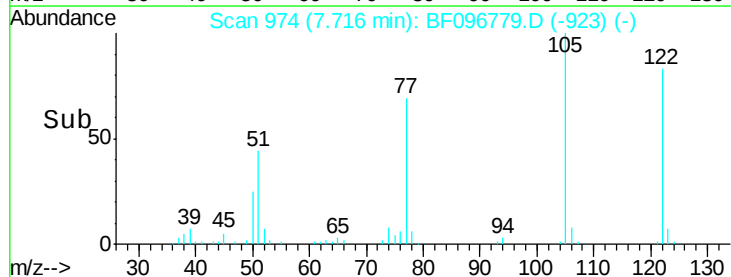
77 83.5 73.7 113.7

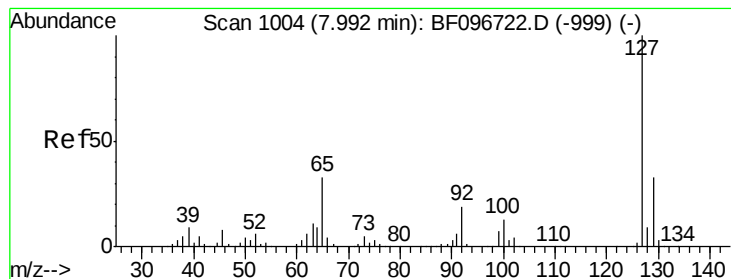


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.37 ng

RT: 7.98 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 322648

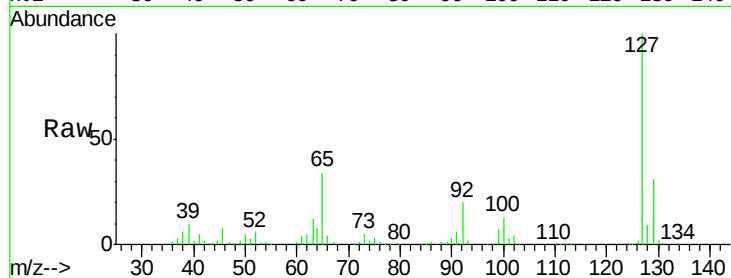
Ion Ratio Lower Upper

127 100

129 31.1 26.2 39.2

65 34.0 27.8 41.8

92 19.9 16.8 25.2

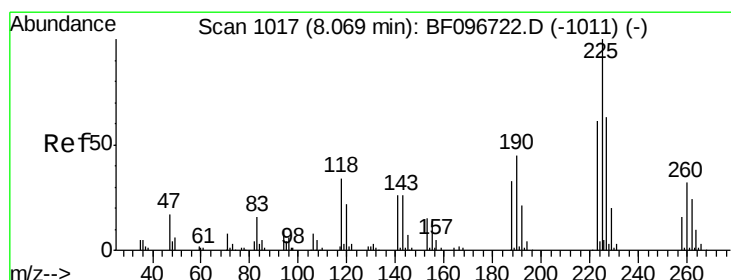
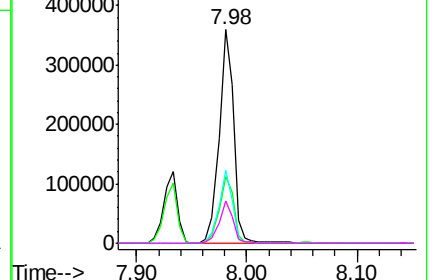
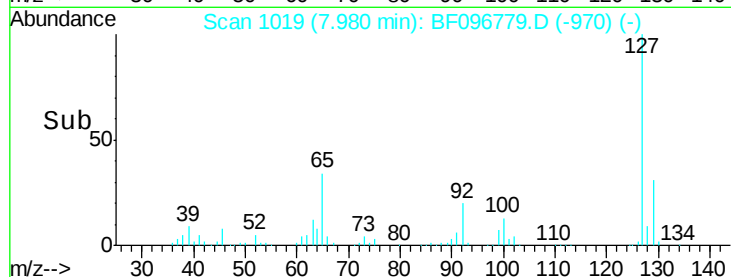


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.93 ng

RT: 8.06 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

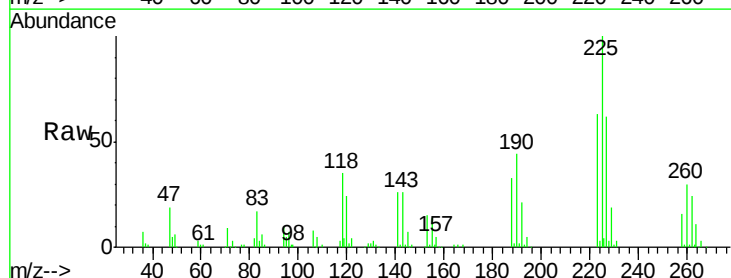
Tgt Ion:225 Resp: 116441

Ion Ratio Lower Upper

225 100

223 62.6 48.8 73.2

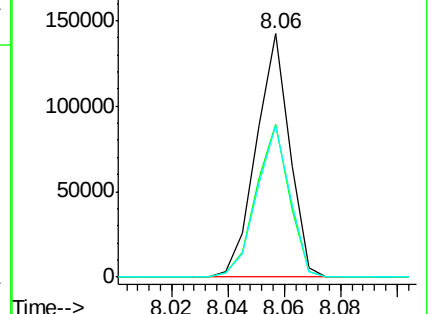
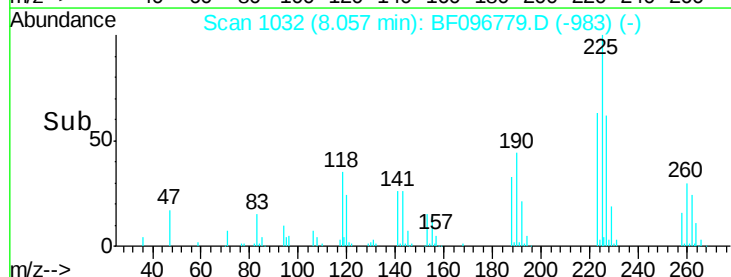
227 62.1 51.1 76.7

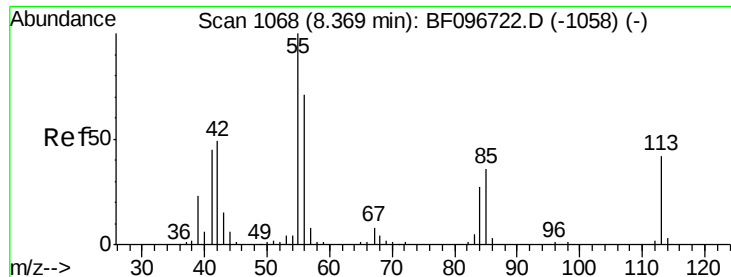


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

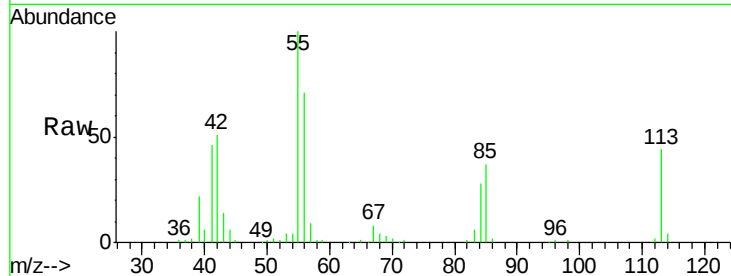




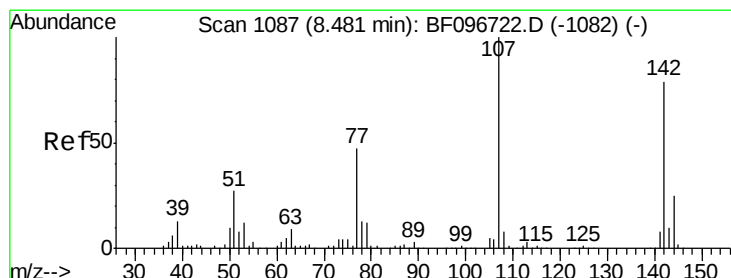
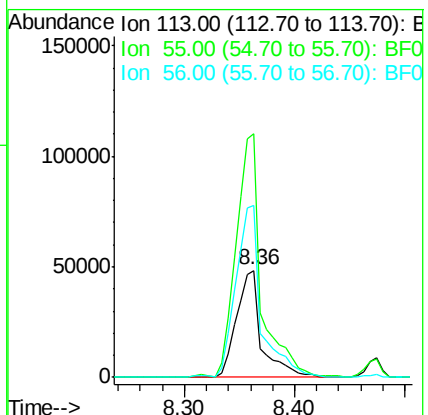
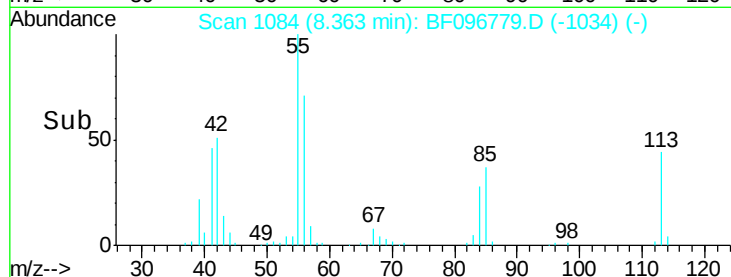
#35
Caprolactam
Concen: 42.19 ng
RT: 8.36 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 77671
Ion Ratio Lower Upper
113 100
55 227.5 150.2 190.2#
56 160.6 107.8 147.8#

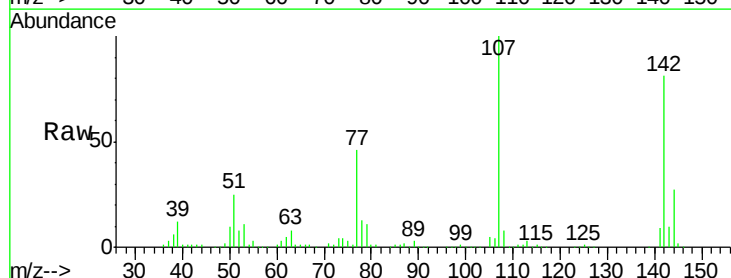


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

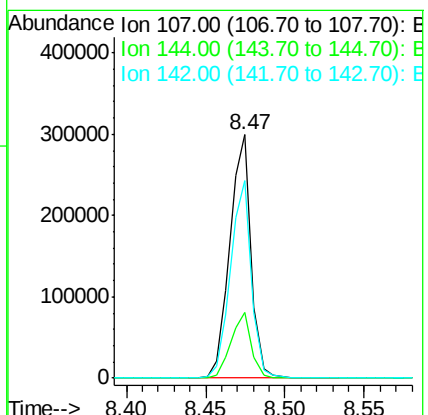
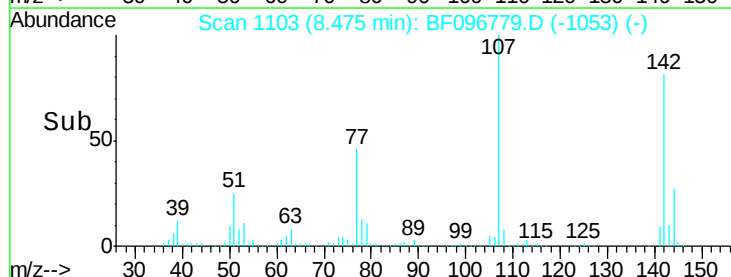


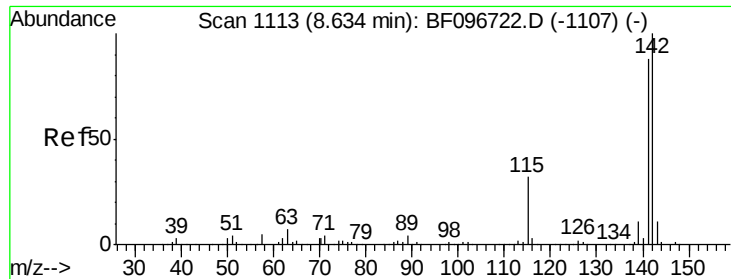
#36
4-Chloro-3-methylphenol
Concen: 44.92 ng
RT: 8.47 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:107 Resp: 277460
Ion Ratio Lower Upper
107 100
144 26.7 24.2 36.4
142 80.9 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

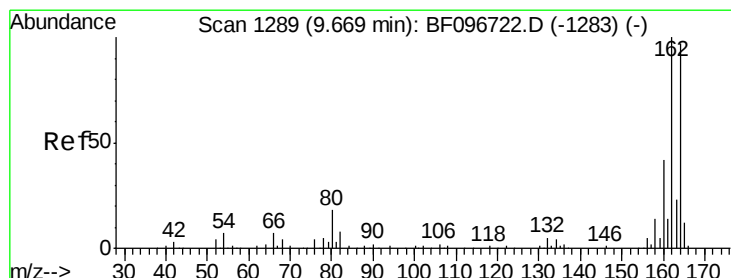
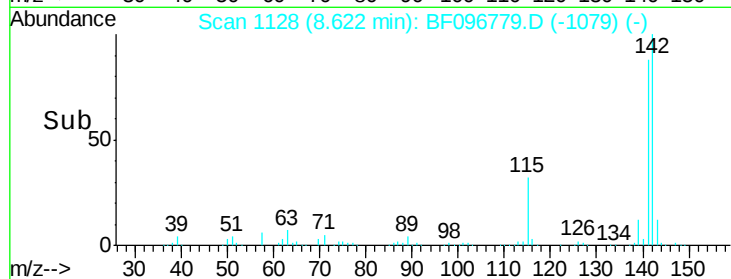
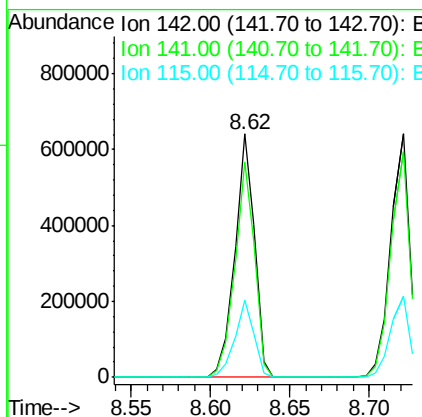
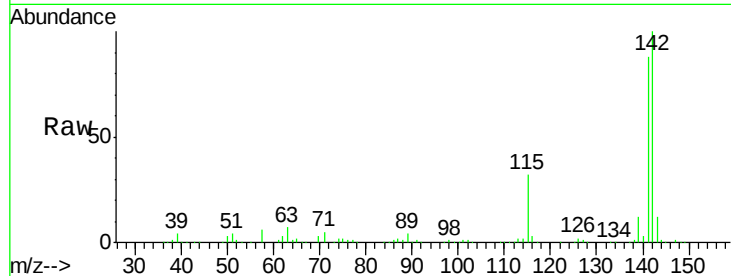




#37
 2-Methylnaphthalene
 Concen: 43.92 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

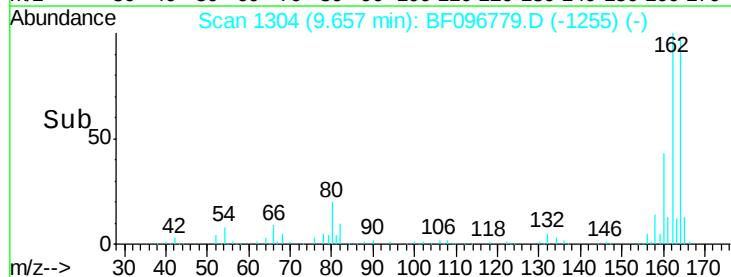
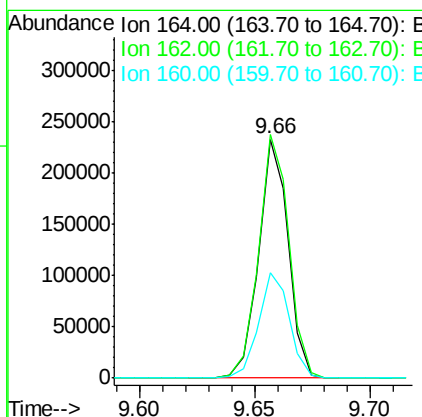
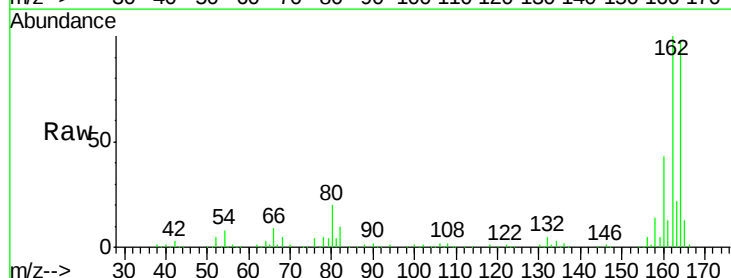
Instrument :
 BNA_F
 ClientSampleId :

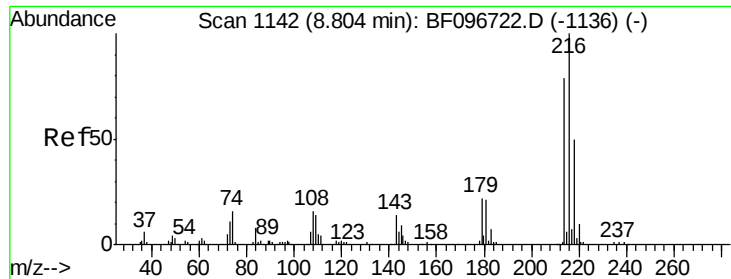
Tot Ion:142 Resp: 551208
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.3 106.9
 115 32.0 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:164 Resp: 207146
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.9 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.06 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 213109

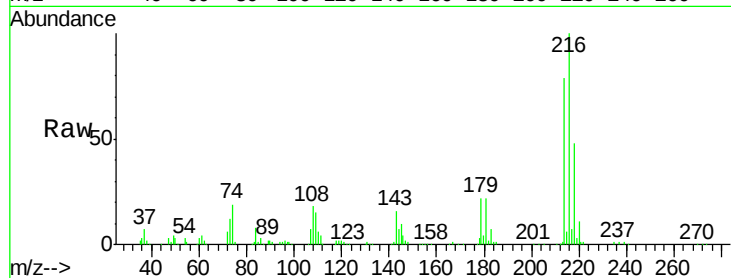
Ion Ratio Lower Upper

216 100

214 80.9 63.4 95.2

179 22.7 17.9 26.9

108 21.0 16.5 24.7

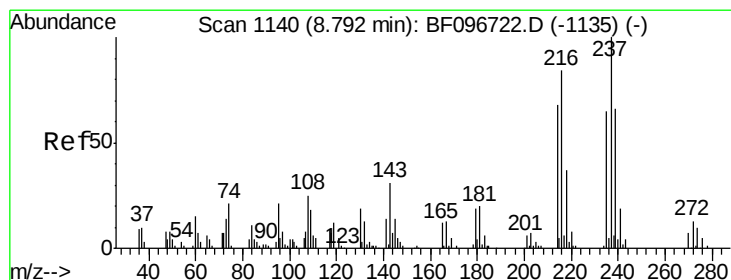
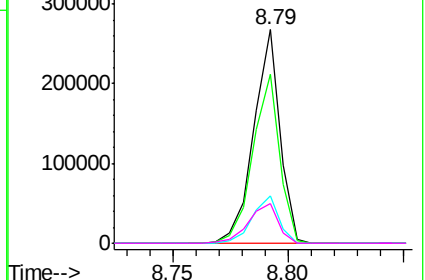
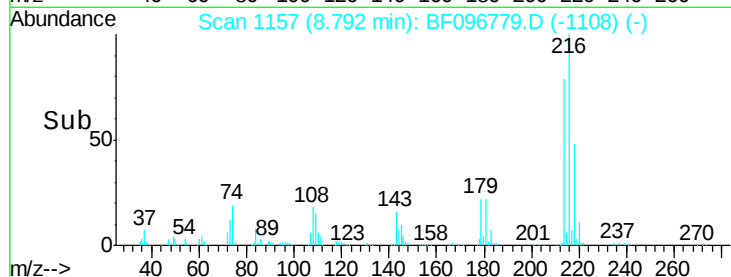


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.64 ng

RT: 8.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

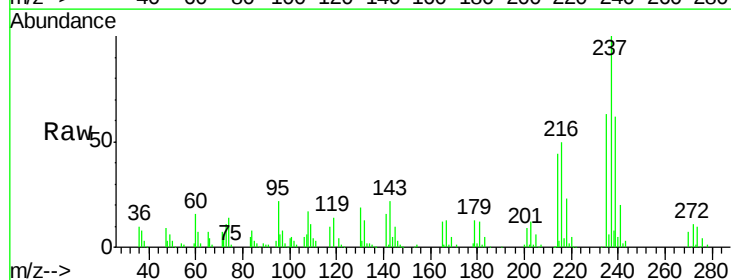
Tgt Ion:237 Resp: 77845

Ion Ratio Lower Upper

237 100

235 62.6 42.6 82.6

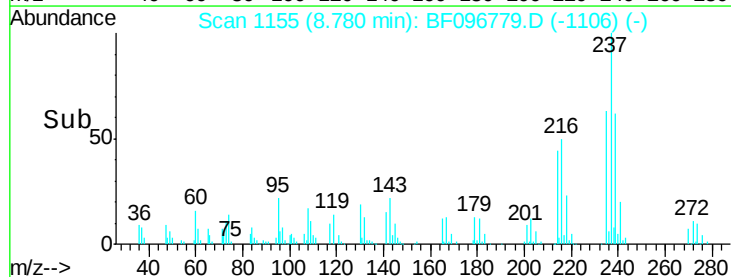
272 10.9 0.0 31.9



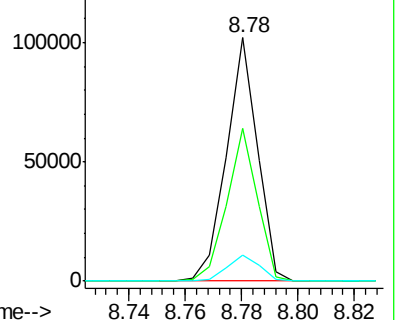
Abundance Ion 236.80 (236.50 to 237.50): E

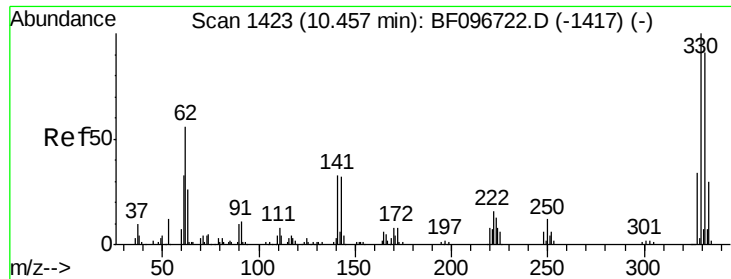
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

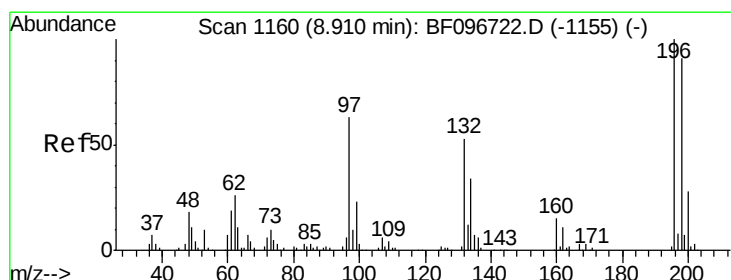
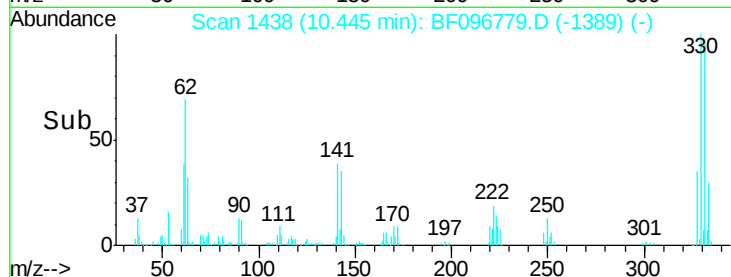
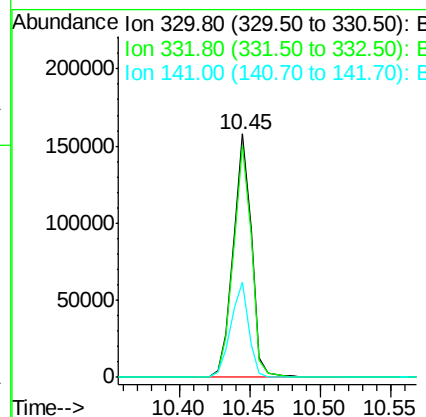
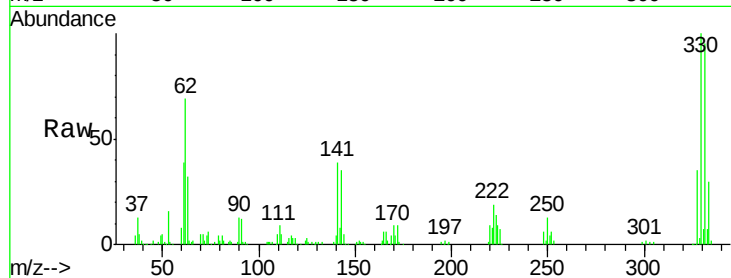




#41
 2,4,6-Tribromophenol
 Concen: 80.21 ng
 RT: 10.45 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

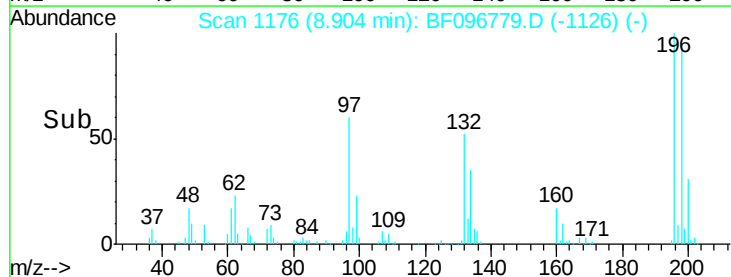
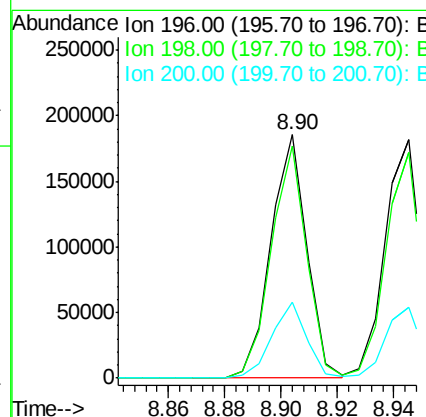
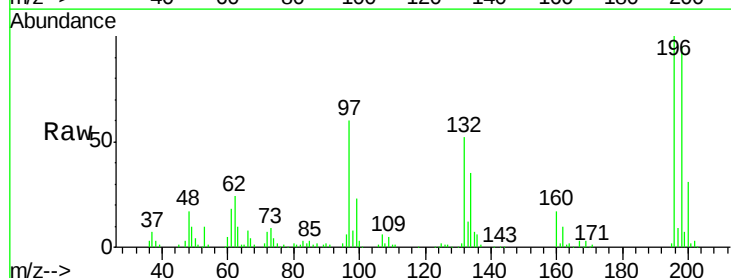
Instrument :
 BNA_F
 ClientSampleId :

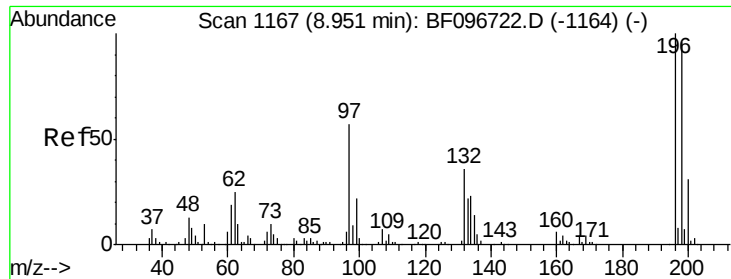
Tot Ion:330 Resp: 141816
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 38.4 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.56 ng
 RT: 8.90 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:196 Resp: 163402
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.2 111.4
 200 30.9 24.0 36.0

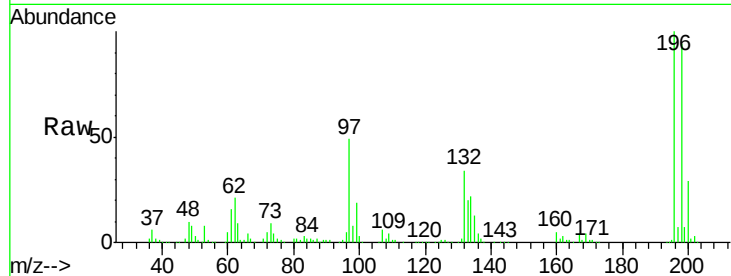




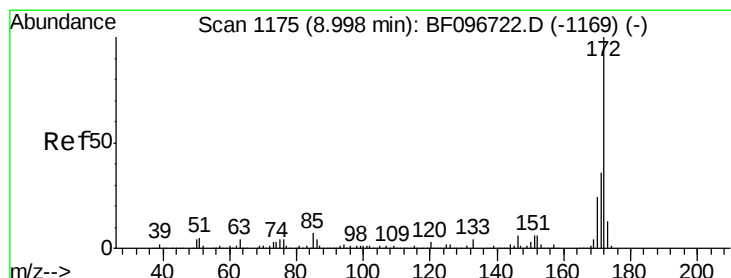
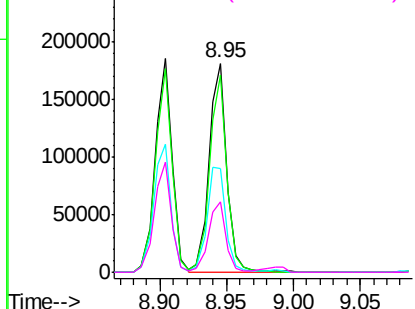
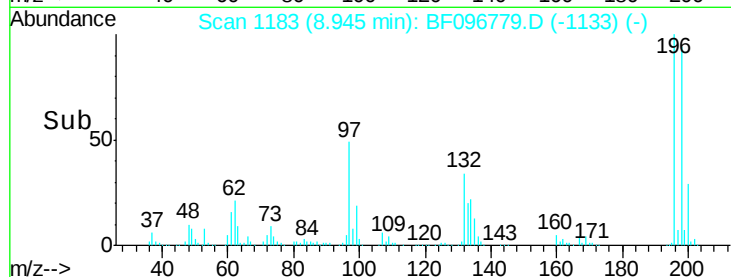
#43
 2,4,5-Trichlorophenol
 Concen: 40.50 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	168702
Ion Ratio	Lower	Upper
196	100	
198	94.3	75.7 113.5
97	49.5	47.7 71.5
132	33.9	28.0 42.0

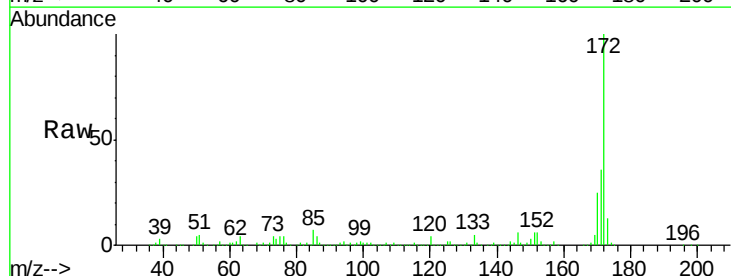


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

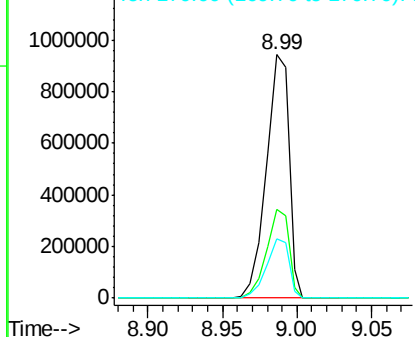
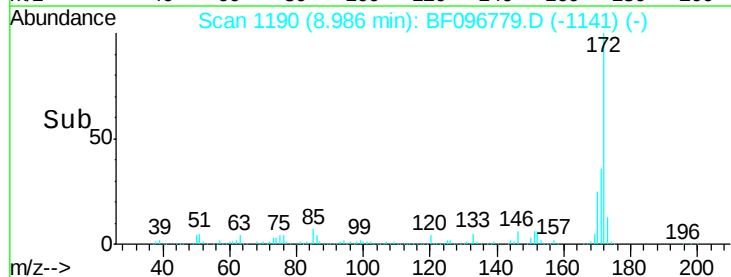


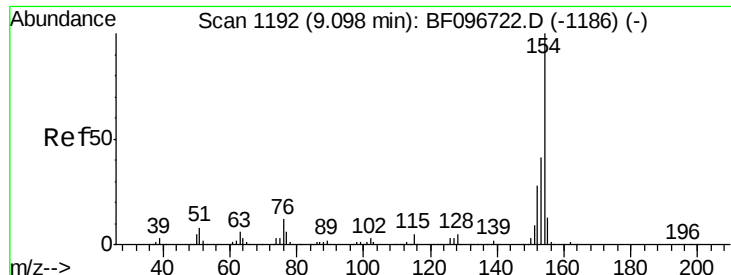
#44
 2-Fluorobiphenyl
 Concen: 75.03 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:172	Resp:	983774
Ion Ratio	Lower	Upper
172	100	
171	36.4	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

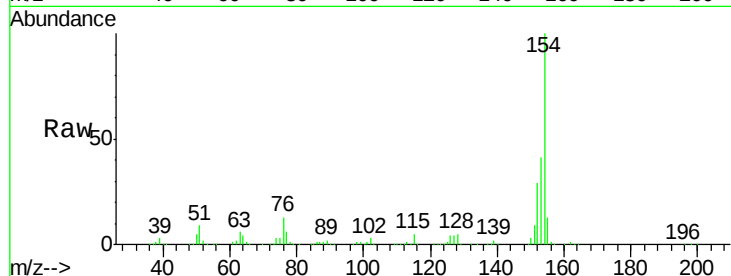




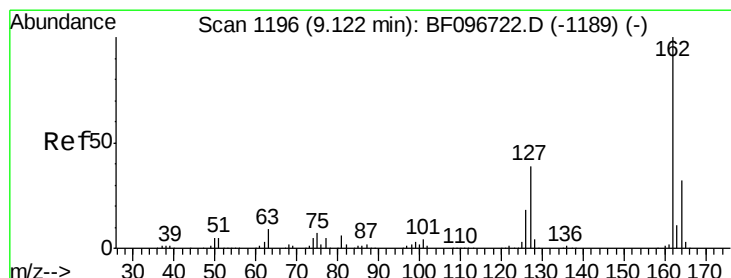
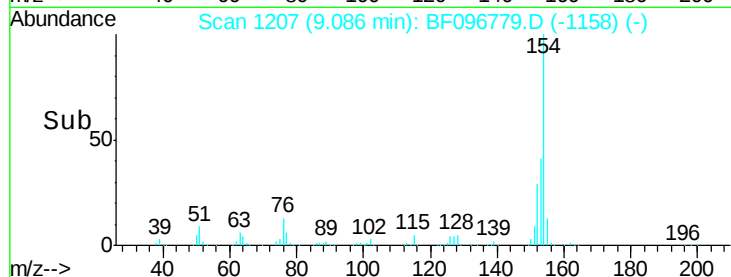
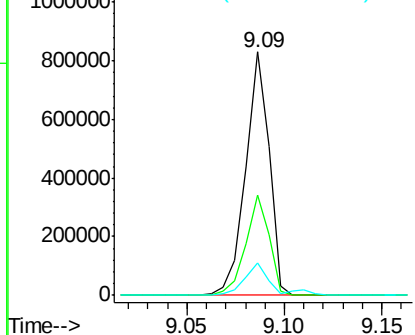
#45
 1,1'-Biphenyl
 Concen: 39.04 ng
 RT: 9.09 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 693540
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.2 61.2
 76 13.1 0.0 29.9

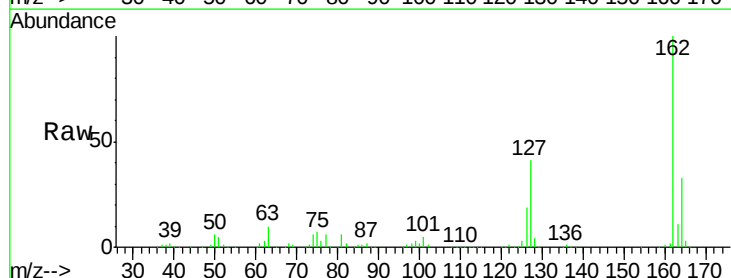


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

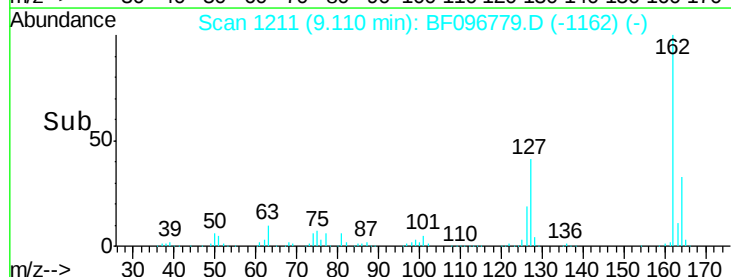
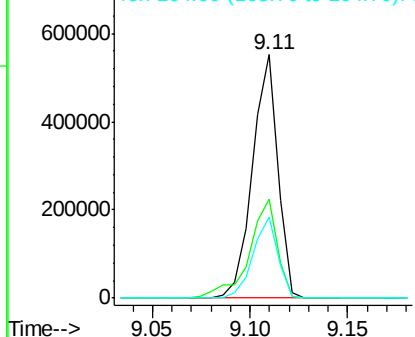


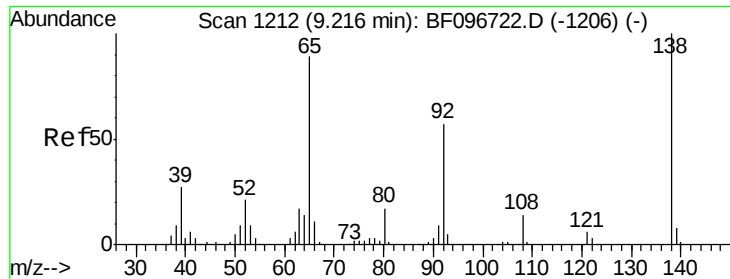
#46
 2-Chloronaphthalene
 Concen: 37.88 ng
 RT: 9.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:162 Resp: 495569
 Ion Ratio Lower Upper
 162 100
 127 40.7 28.3 42.5
 164 33.1 27.0 40.4



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

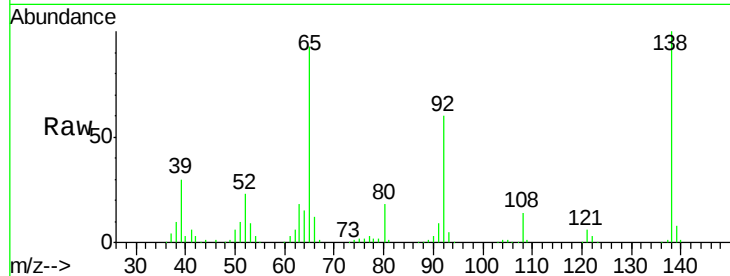




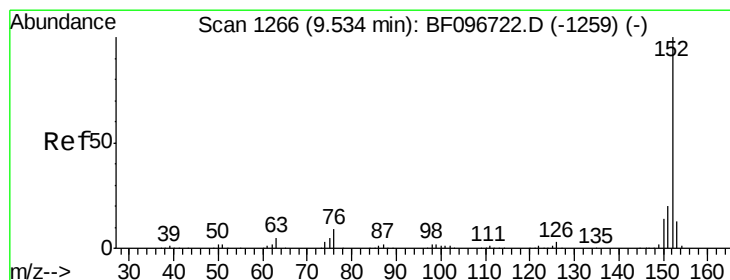
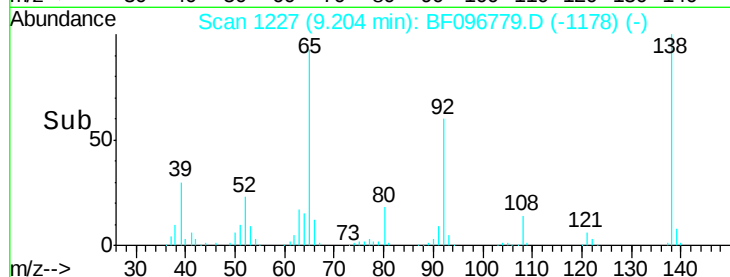
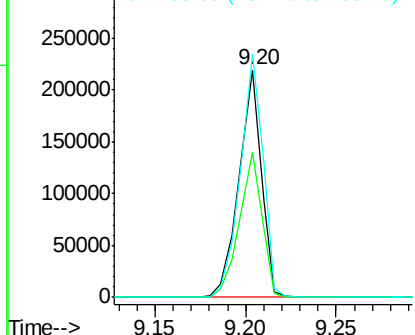
#47
2-Nitroaniline
Concen: 42.03 ng
RT: 9.20 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 188994
Ion Ratio Lower Upper
65 100
92 64.1 53.9 80.9
138 107.3 78.8 118.2

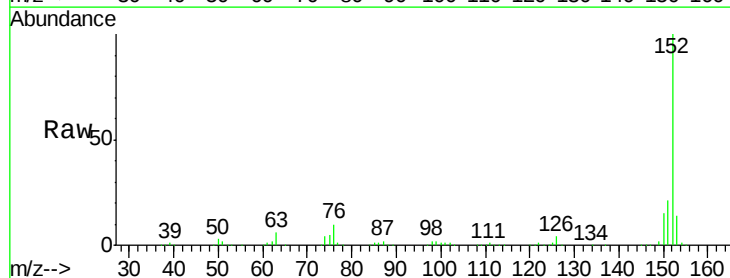


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

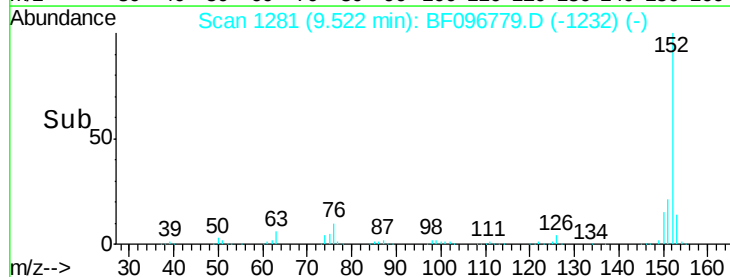
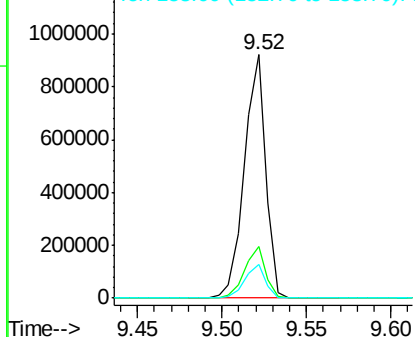


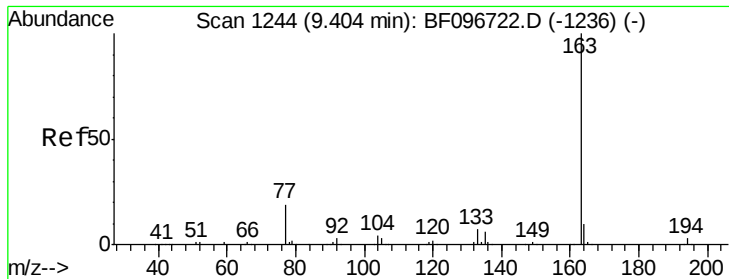
#48
Acenaphthylene
Concen: 39.02 ng
RT: 9.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion: 152 Resp: 813337
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2
153 13.7 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

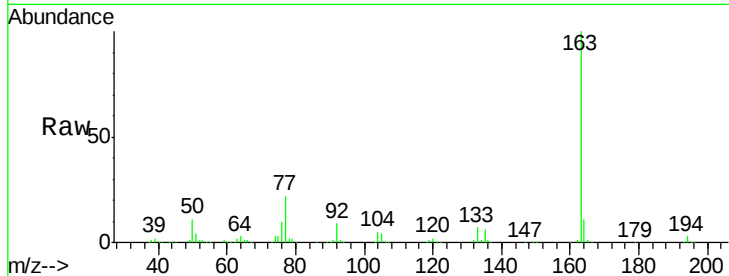




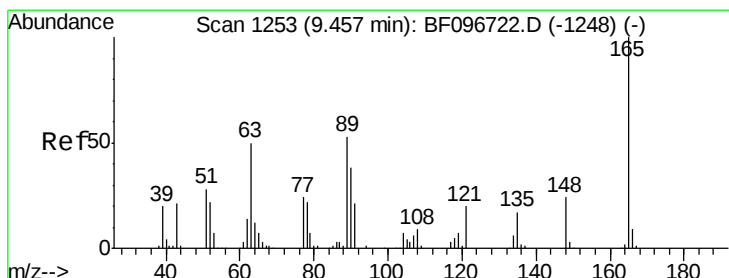
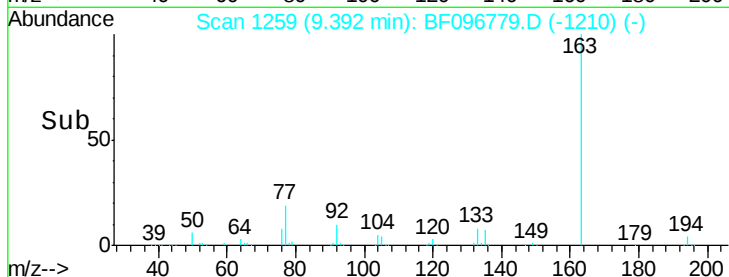
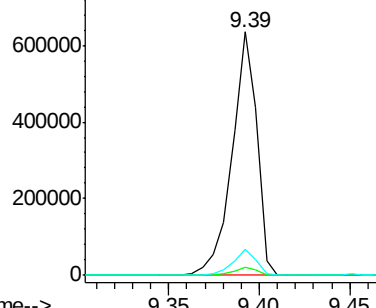
#49
Dimethylphthalate
Concen: 38.75 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 604333
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.8 8.4 12.6

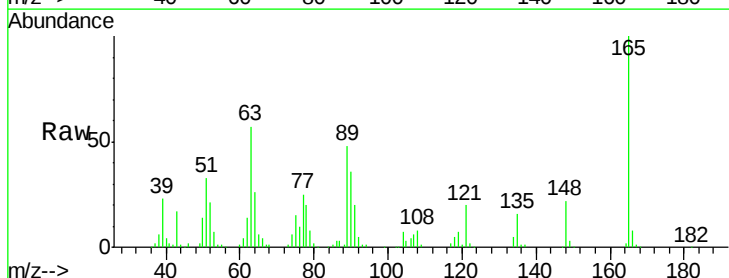


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

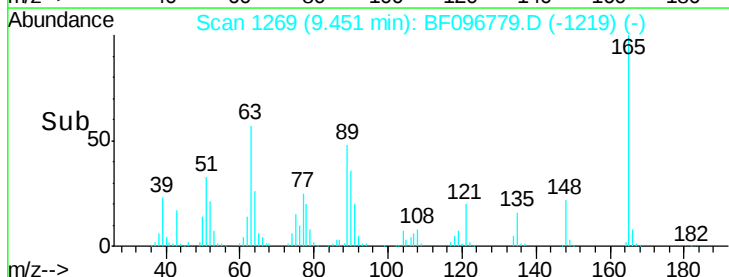
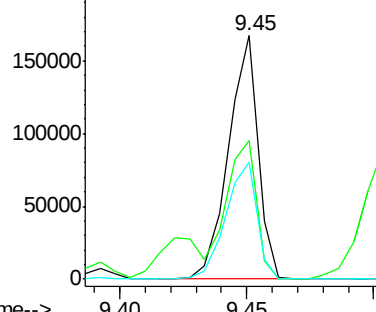


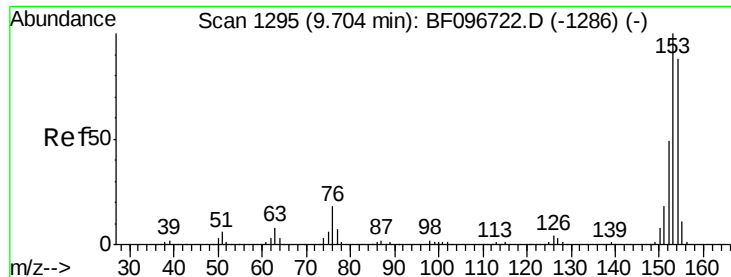
#50
2,6-Dinitrotoluene
Concen: 40.53 ng
RT: 9.45 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:165 Resp: 136929
Ion Ratio Lower Upper
165 100
63 57.1 34.3 51.5#
89 48.1 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: 35.53 ng

RT: 9.69 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

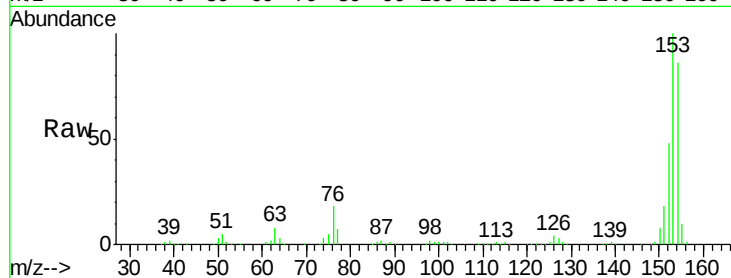
Tot Ion:154 Resp: 437535

Ion Ratio Lower Upper

154 100

153 116.4 90.5 135.7

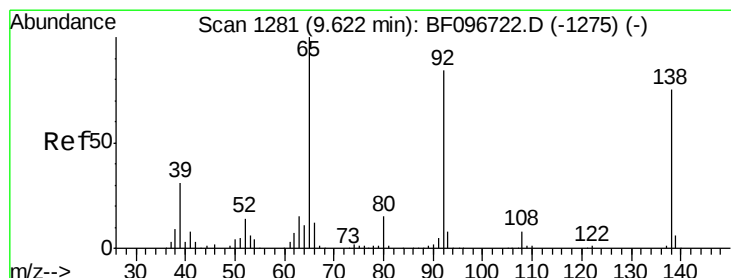
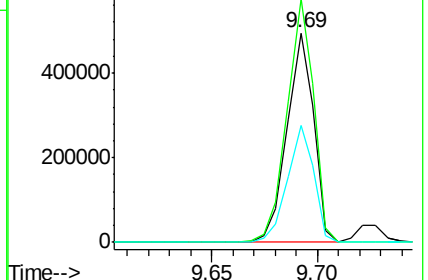
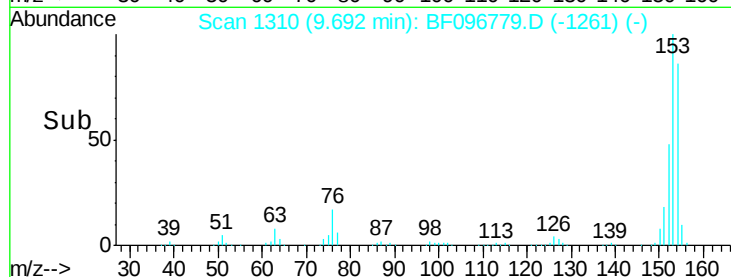
152 55.6 43.6 65.4



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: 41.88 ng

RT: 9.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

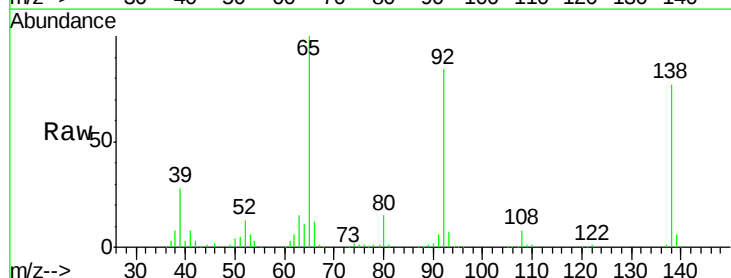
Tgt Ion:138 Resp: 167628

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

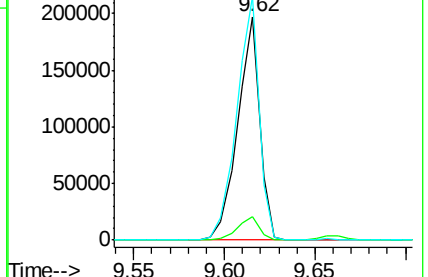
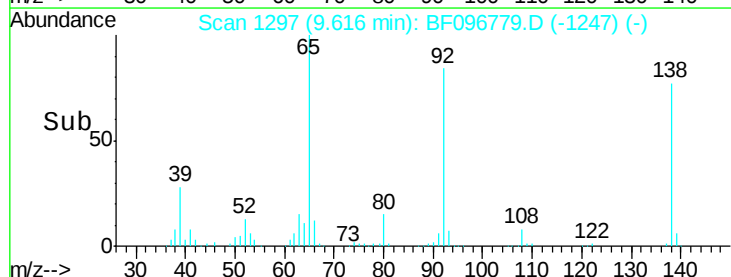
92 108.8 93.8 140.6

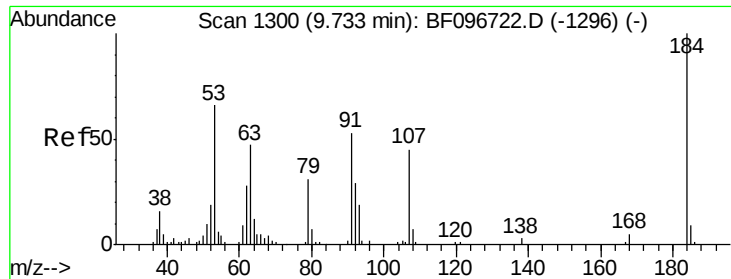


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

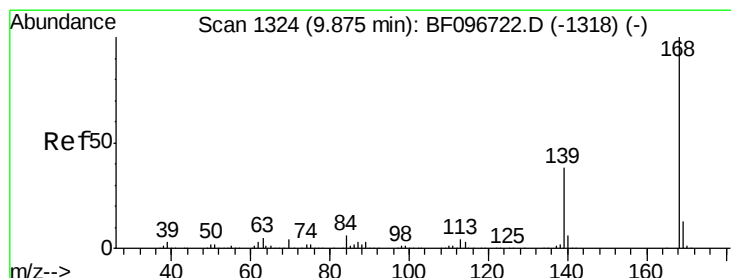
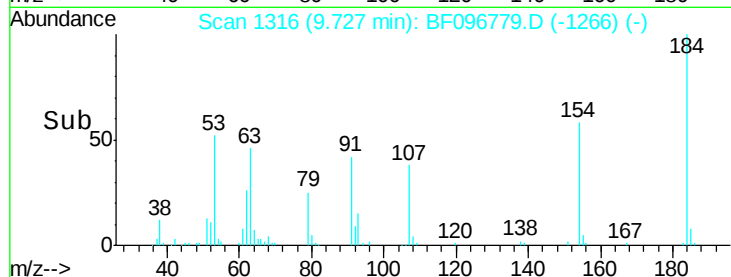
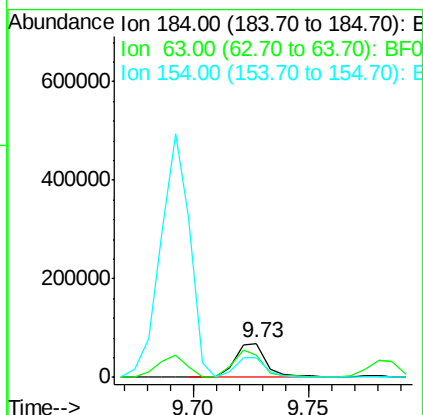
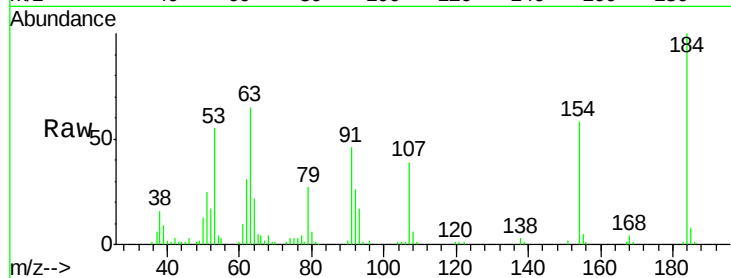




#53
2,4-Dinitrophenol
Concen: 42.31 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

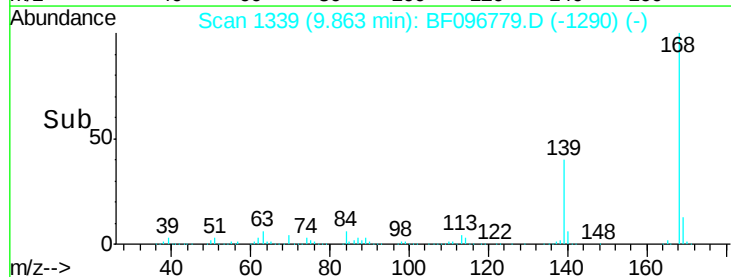
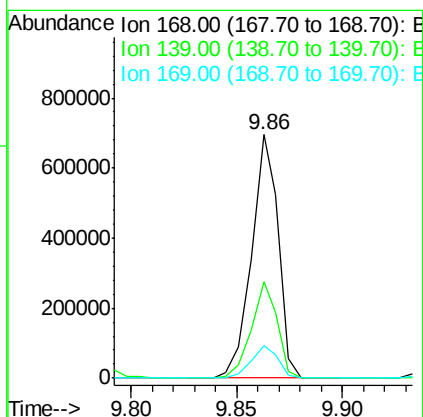
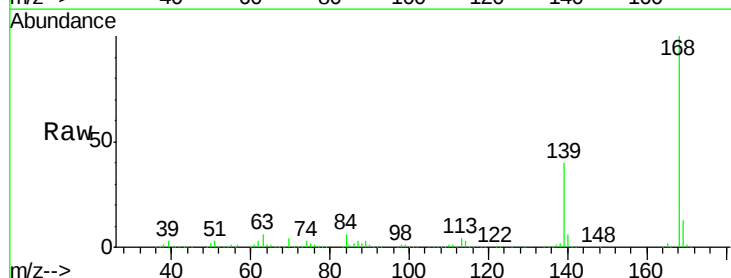
Instrument :
BNA_F
ClientSampleId :

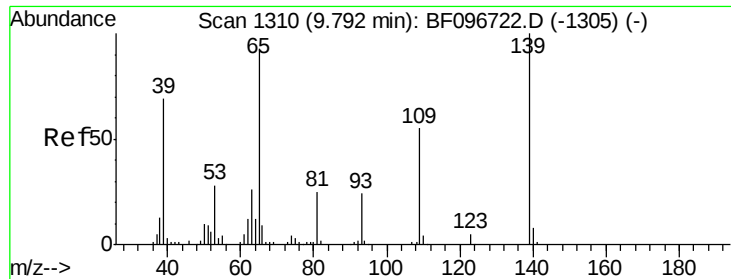
Tot Ion:184 Resp: 64972
Ion Ratio Lower Upper
184 100
63 65.3 62.7 94.1
154 58.1 81.1 121.7#



#54
Dibenzofuran
Concen: 35.26 ng
RT: 9.86 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:168 Resp: 608363
Ion Ratio Lower Upper
168 100
139 39.8 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 39.60 ng

RT: 9.79 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

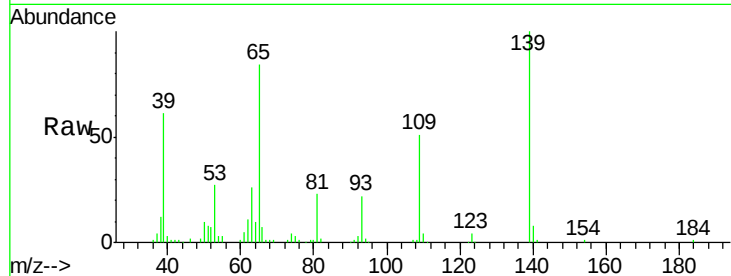
Tot Ion:139 Resp: 115783

Ion Ratio Lower Upper

139 100

109 51.0 34.1 74.1

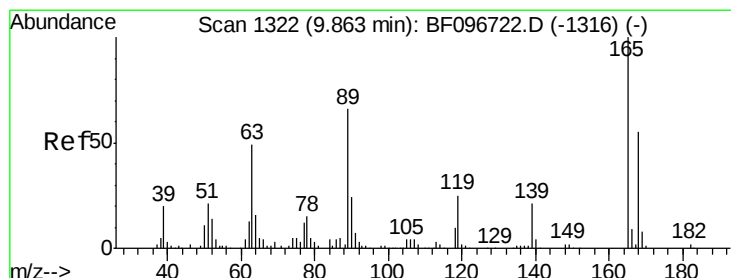
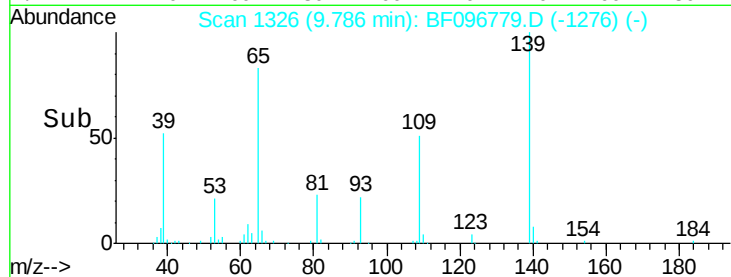
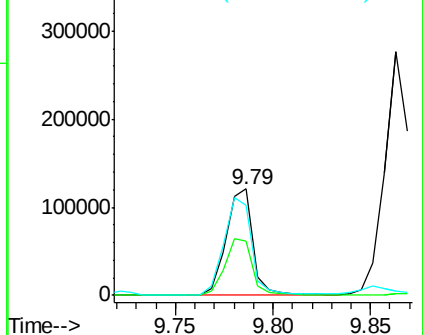
65 84.3 31.4 71.4#



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: 37.78 ng

RT: 9.85 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Tgt Ion:165 Resp: 163991

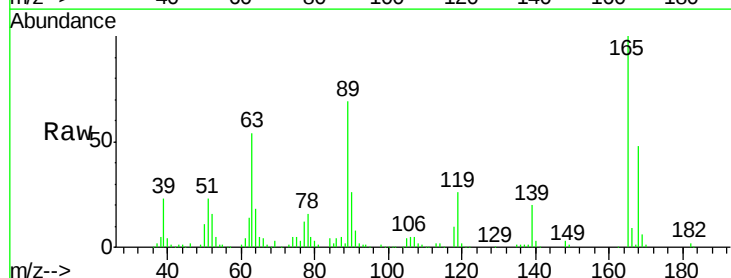
Ion Ratio Lower Upper

165 100

63 54.1 25.4 38.0#

89 69.4 46.4 69.6

182 2.2 1.8 2.6

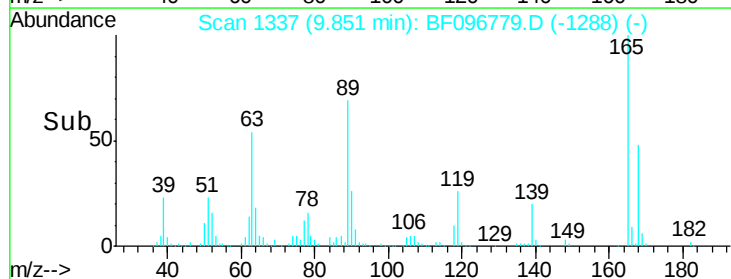
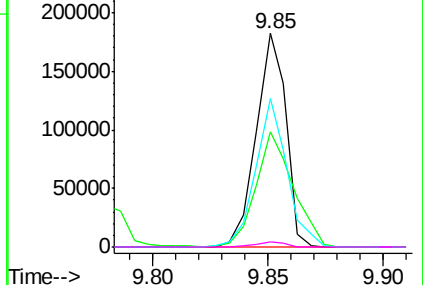


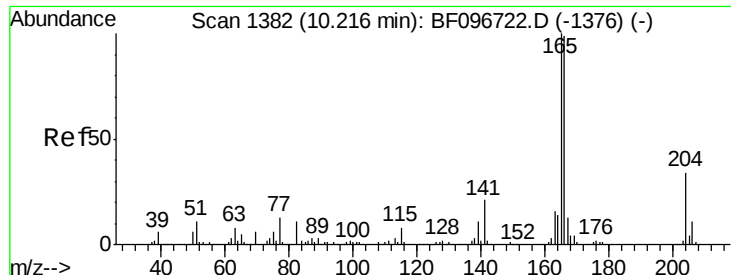
Abundance Ion 165.00 (164.70 to 165.70): E

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

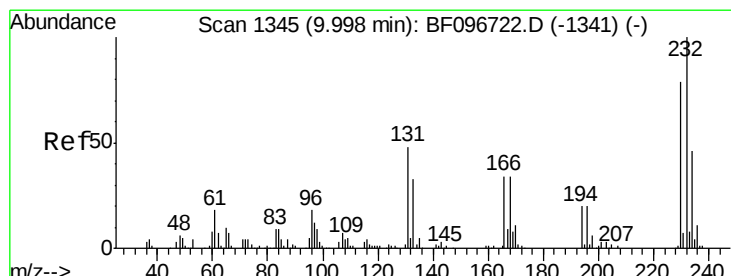
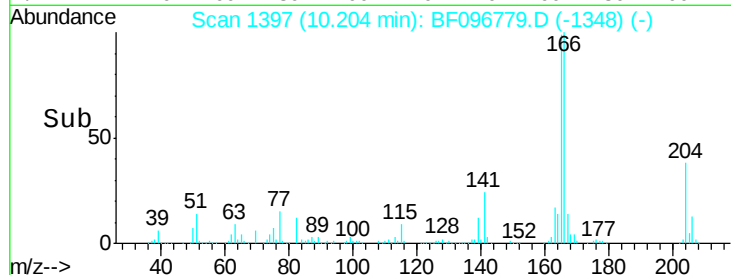
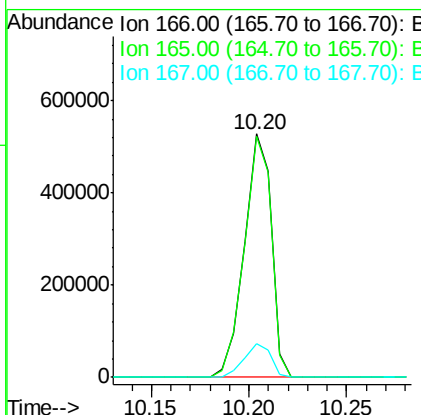
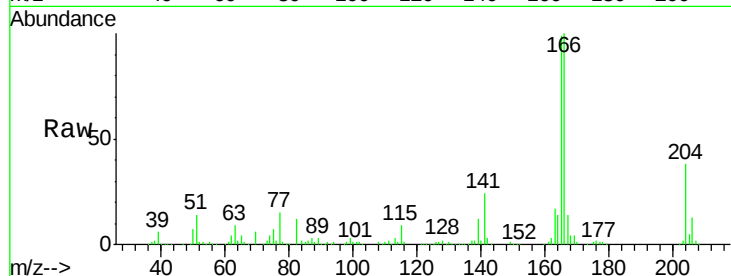




#57
 Fluorene
 Concen: 39.80 ng
 RT: 10.20 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

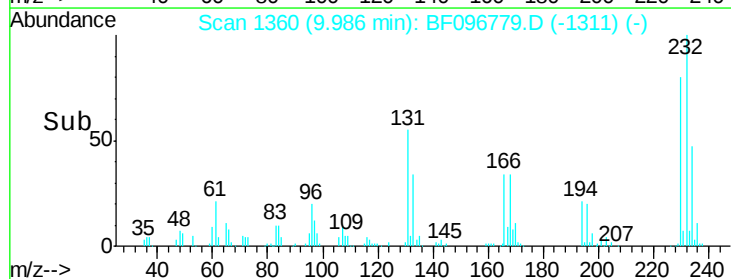
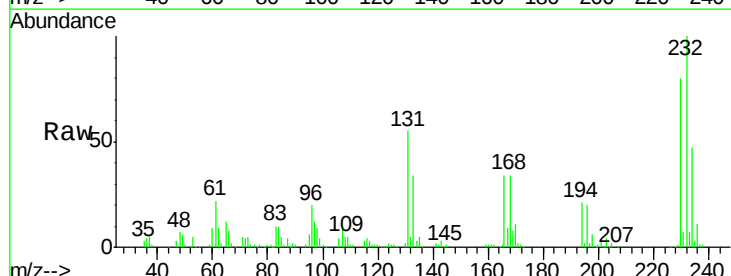
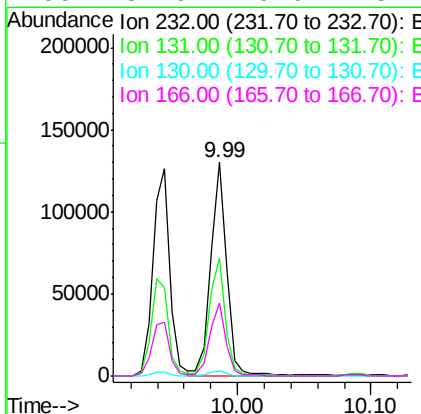
Instrument :
 BNA_F
 ClientSampleId :

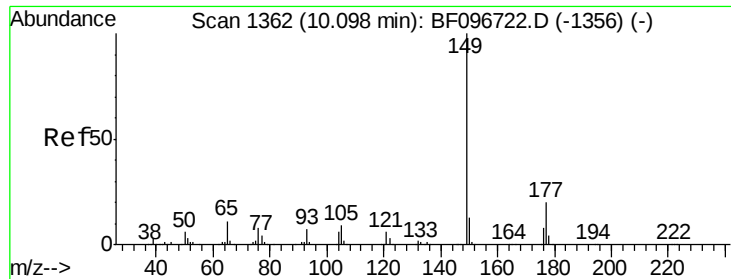
Tot Ion:166 Resp: 507427
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.8 118.2
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.92 ng
 RT: 9.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:232 Resp: 109554
 Ion Ratio Lower Upper
 232 100
 131 55.7 44.8 67.2
 130 2.5 2.3 3.5
 166 34.9 29.0 43.4

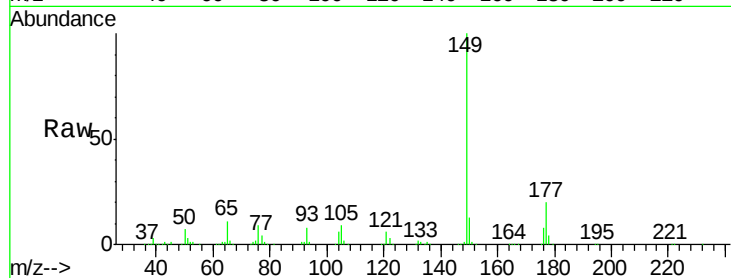




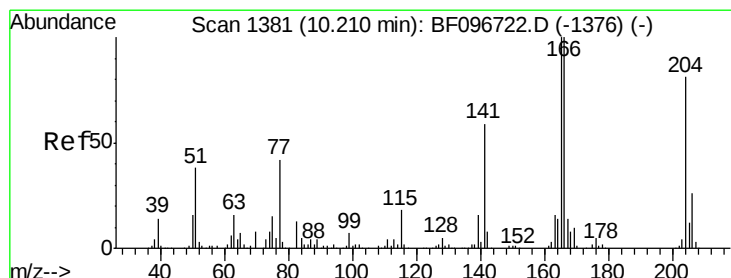
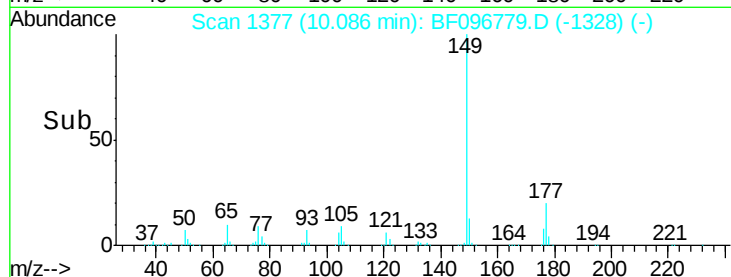
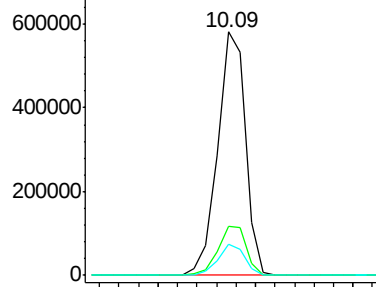
#59
Diethylphthalate
Concen: 37.73 ng
RT: 10.09 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 572940
Ion Ratio Lower Upper
149 100
177 20.3 16.7 25.1
150 12.7 10.2 15.2

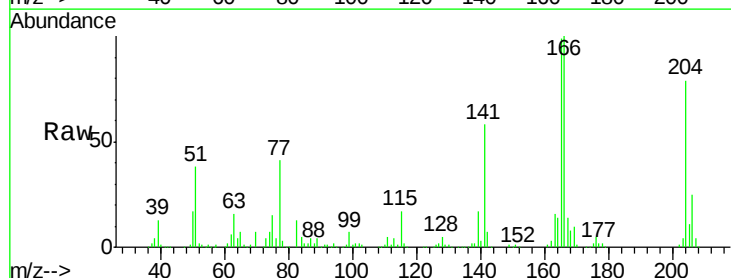


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

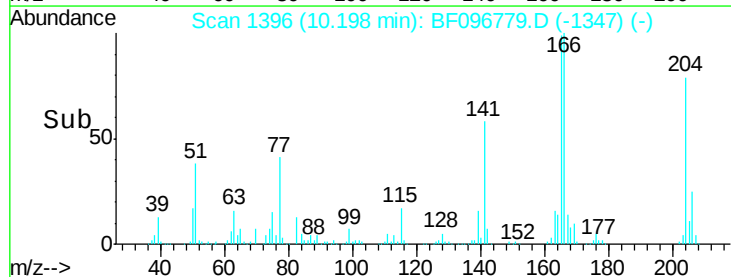
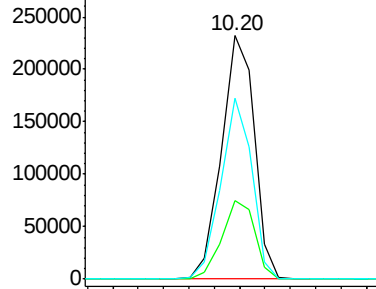


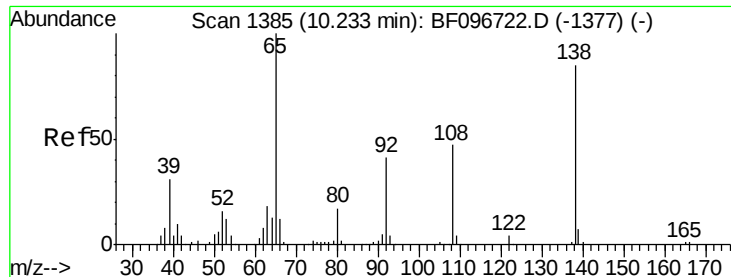
#60
4-Chlorophenyl-phenylether
Concen: 38.19 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:204 Resp: 210045
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 74.3 60.8 91.2



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





#61

4-Nitroaniline

Concen: 44.42 ng

RT: 10.23 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampled :

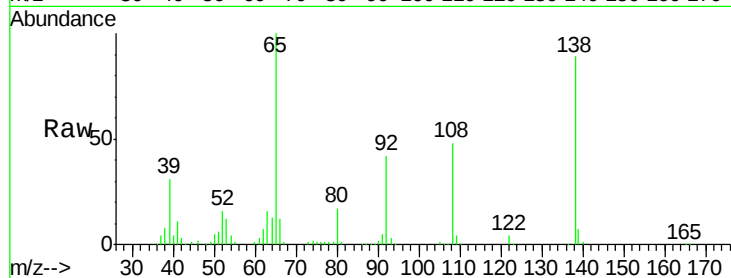
Tot Ion:138 Resp: 166939

Ion Ratio Lower Upper

138 100

92 46.5 21.8 61.8

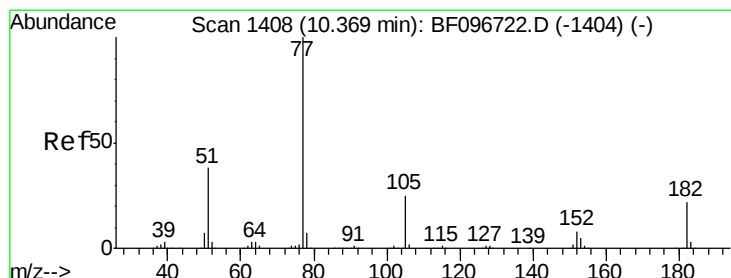
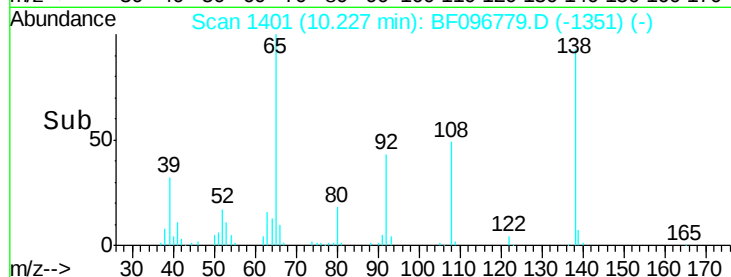
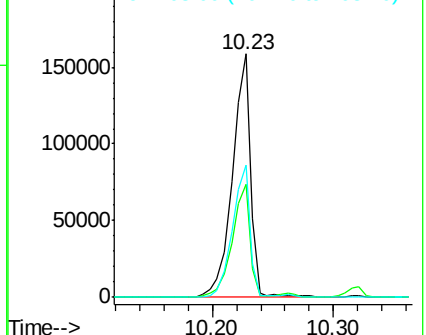
108 54.1 42.3 82.3



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: 40.39 ng

RT: 10.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Tgt Ion: 77 Resp: 541086

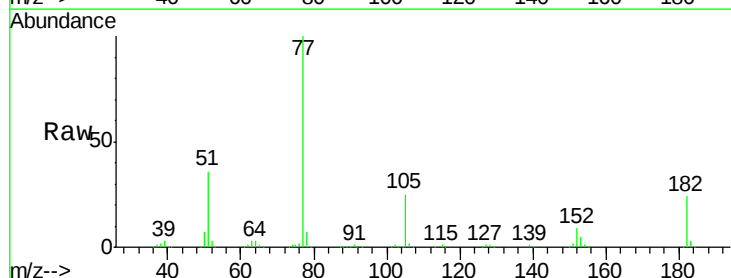
Ion Ratio Lower Upper

77 100

182 24.1 0.1 40.1

105 24.9 3.6 43.6

51 35.5 9.4 49.4

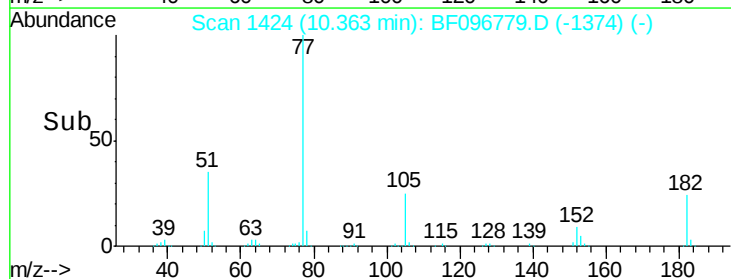
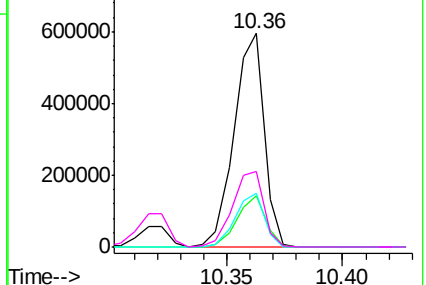


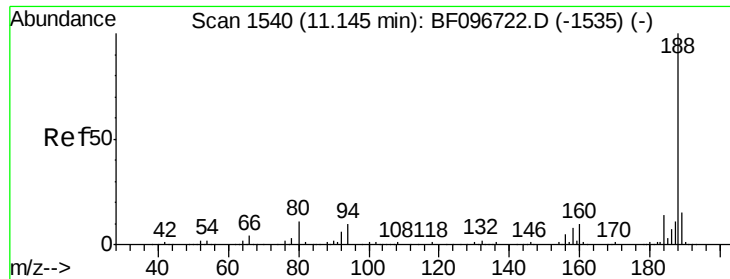
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

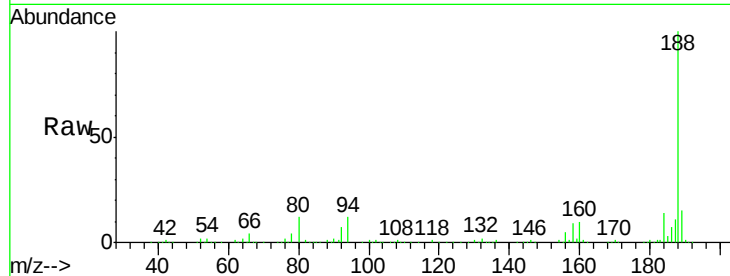




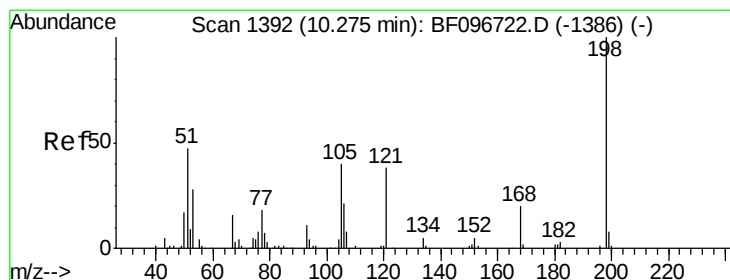
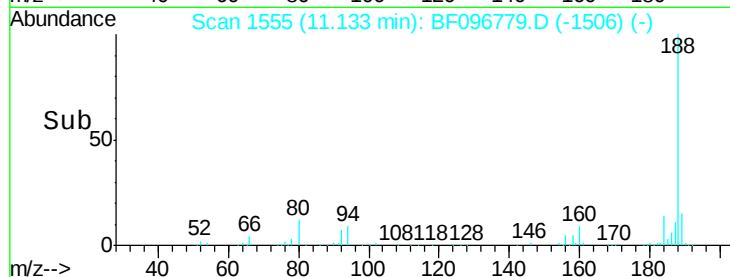
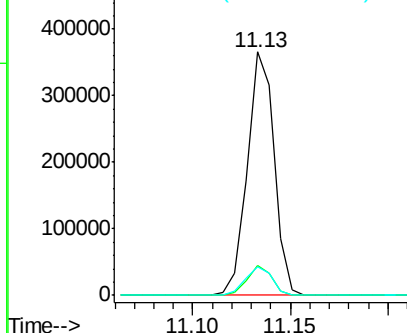
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.3	9.4	14.2
80	12.0	10.2	15.2

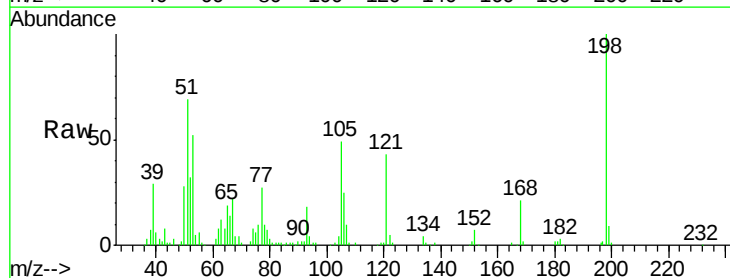


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

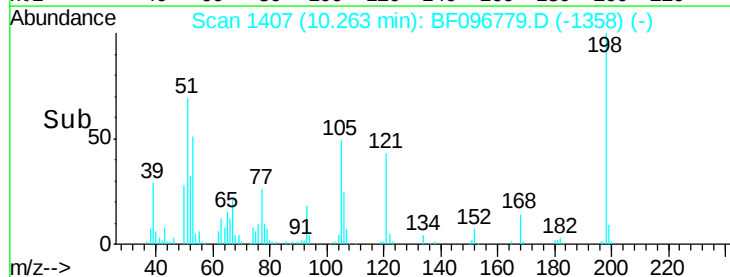
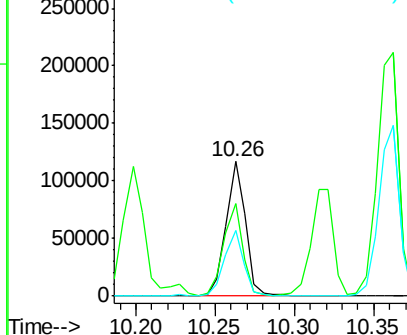


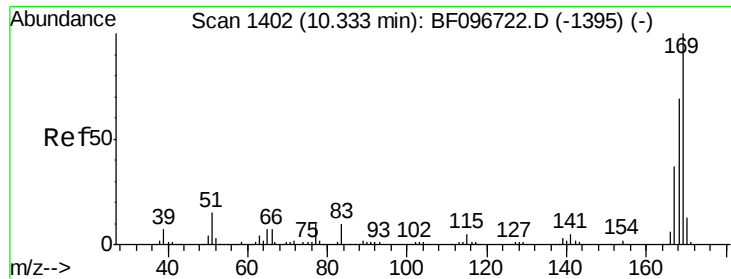
#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.46 ng
 RT: 10.26 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	68.8	53.2	93.2
105	48.7	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

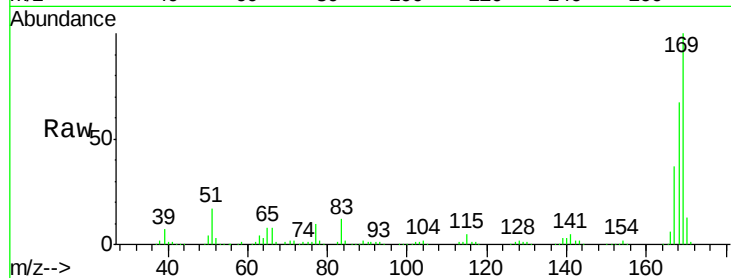




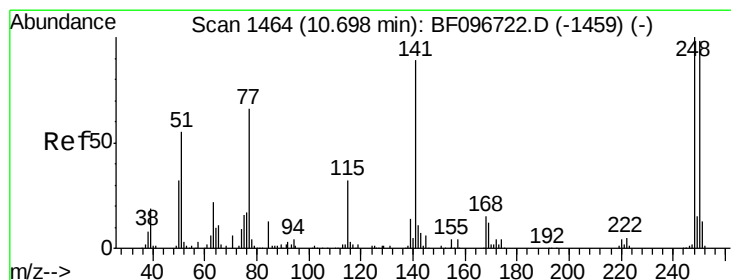
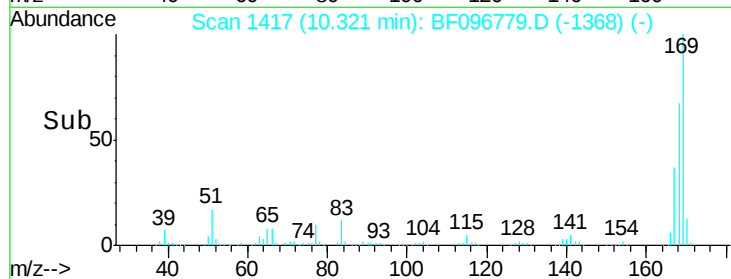
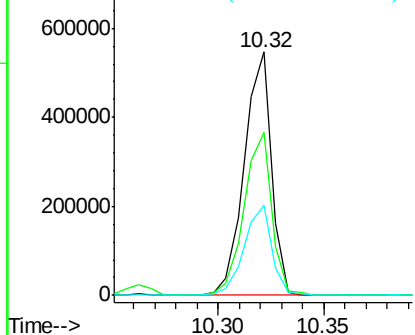
#65
 n-Nitrosodiphenylamine
 Concen: 39.30 ng
 RT: 10.32 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 489618
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.2 79.8
 167 37.2 29.5 44.3

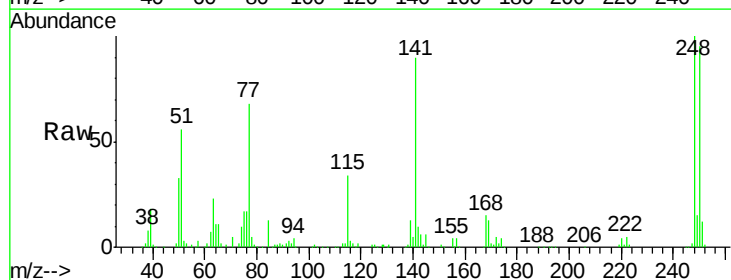


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

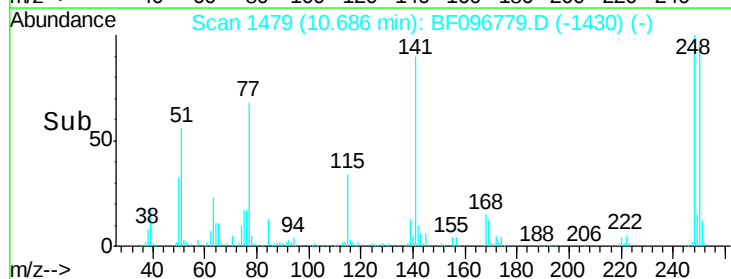
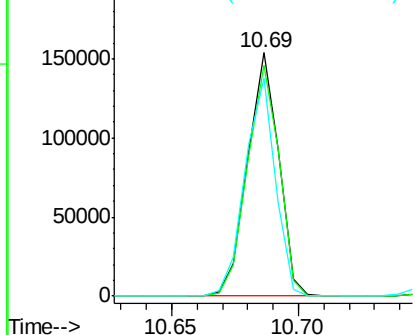


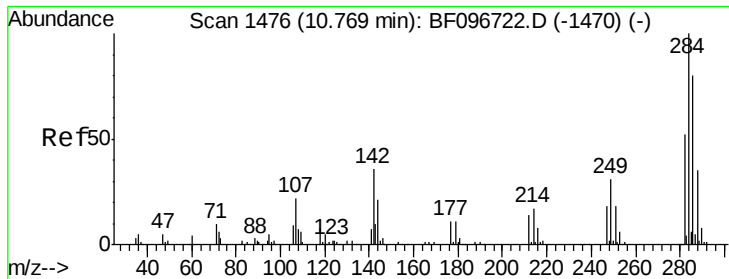
#66
 4-Bromophenyl-phenylether
 Concen: 36.93 ng
 RT: 10.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:248 Resp: 131402
 Ion Ratio Lower Upper
 248 100
 250 94.8 76.8 115.2
 141 89.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

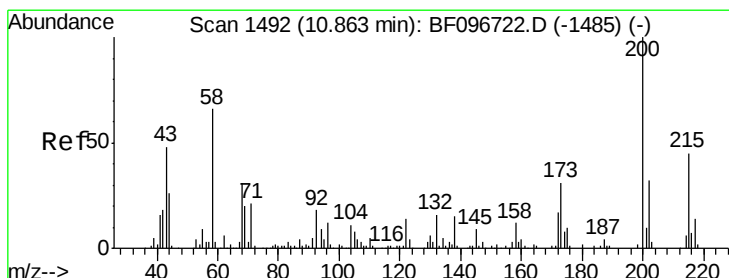
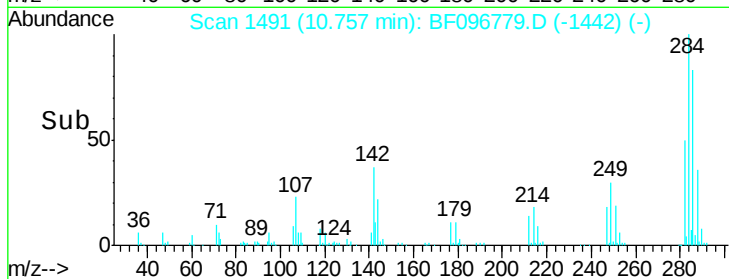
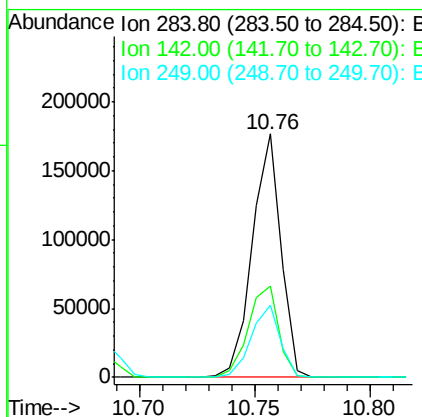
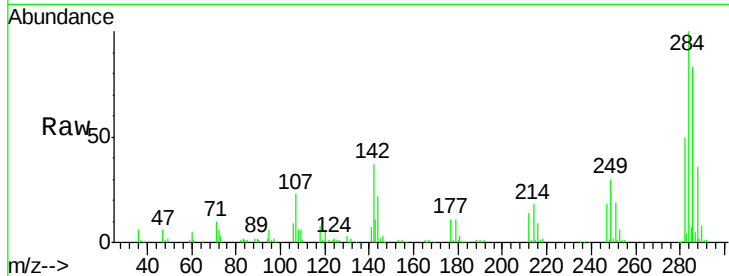




#67
Hexachlorobenzene
Concen: 38.62 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

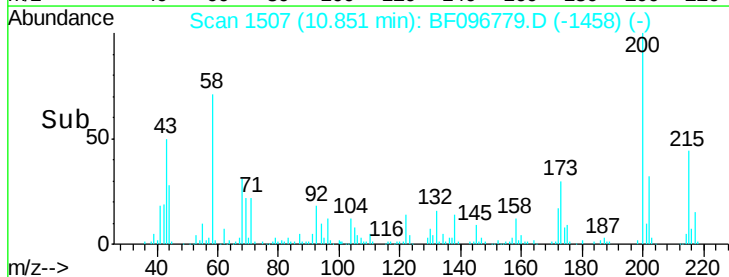
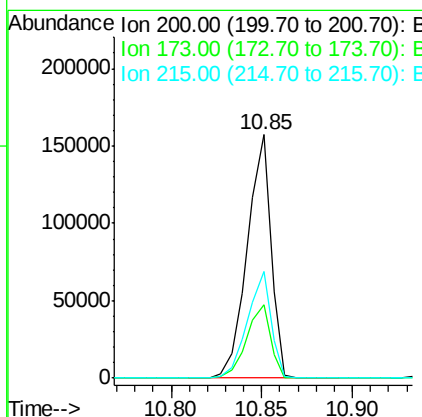
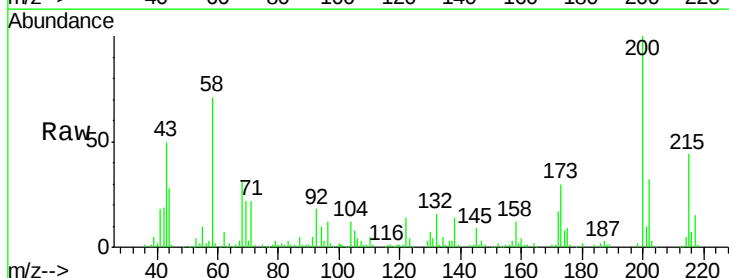
Instrument :
BNA_F
ClientSampleId :

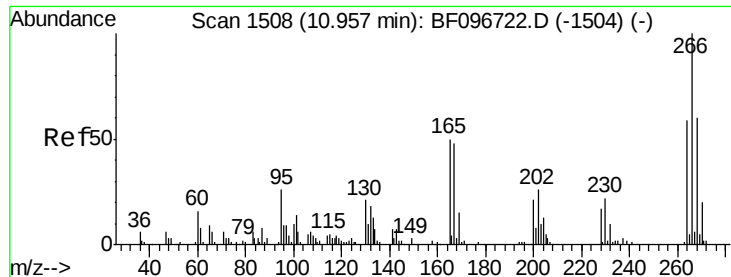
Tot Ion:284 Resp: 153063
Ion Ratio Lower Upper
284 100
142 37.3 22.8 34.2#
249 29.6 24.0 36.0



#68
Atrazine
Concen: 40.44 ng
RT: 10.85 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:200 Resp: 143553
Ion Ratio Lower Upper
200 100
173 30.1 6.3 46.3
215 43.9 27.2 67.2

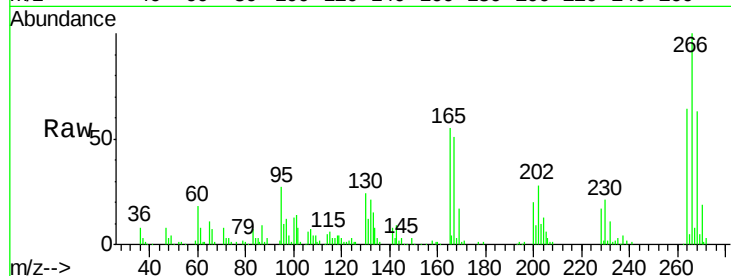




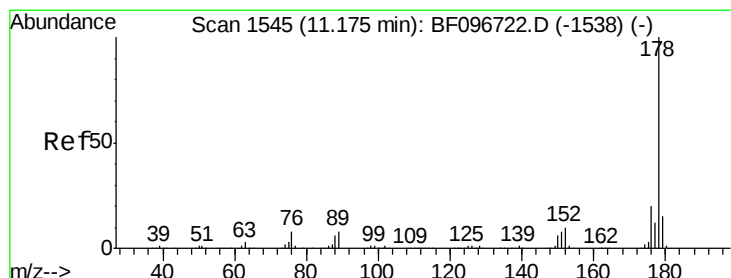
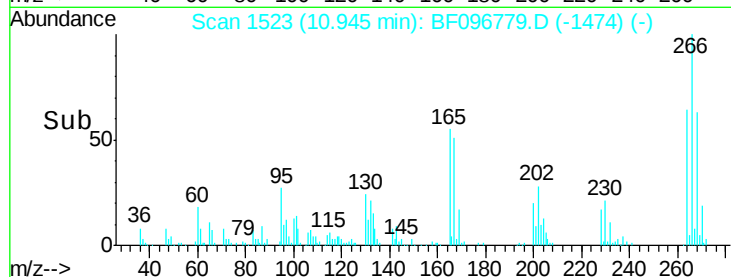
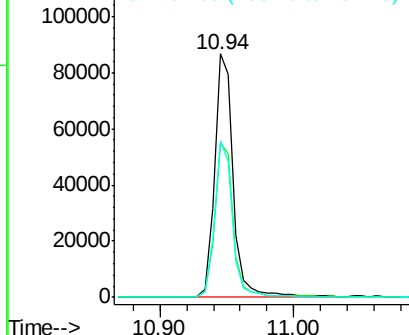
#69
 Pentachlorophenol
 Concen: 44.55 ng
 RT: 10.94 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85289
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 64.1 51.7 77.5

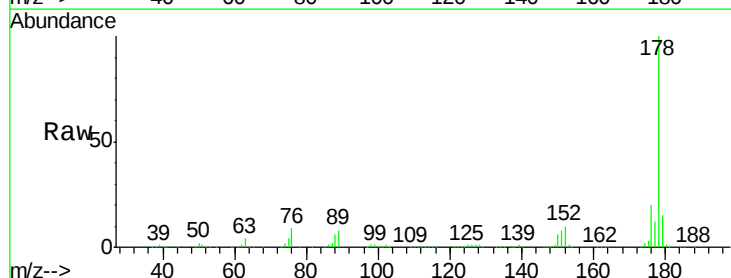


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

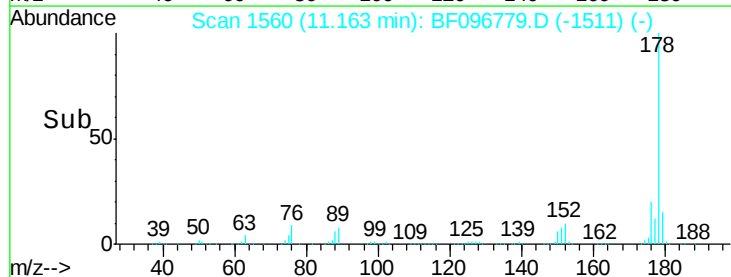
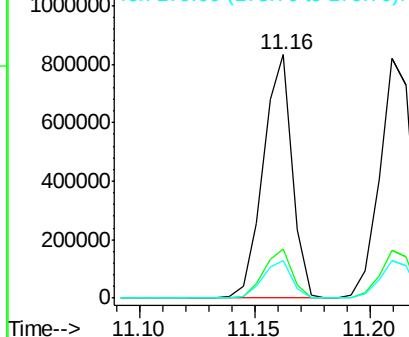


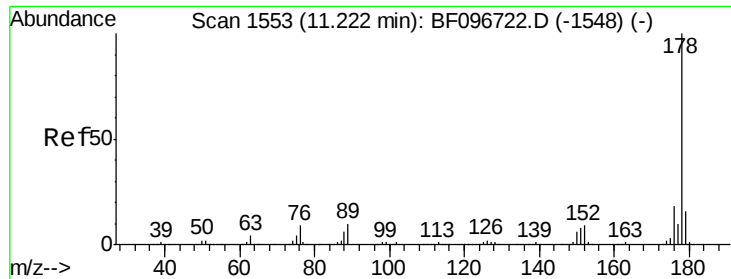
#70
 Phenanthrene
 Concen: 38.46 ng
 RT: 11.16 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:178 Resp: 728889
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.4 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

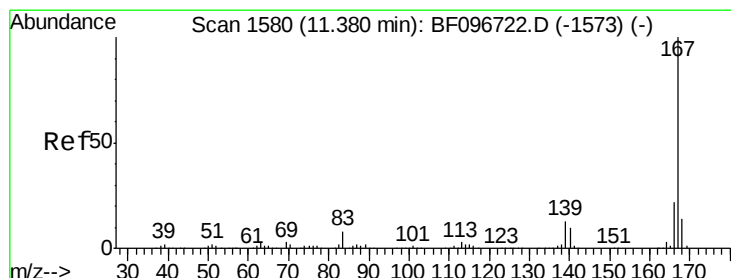
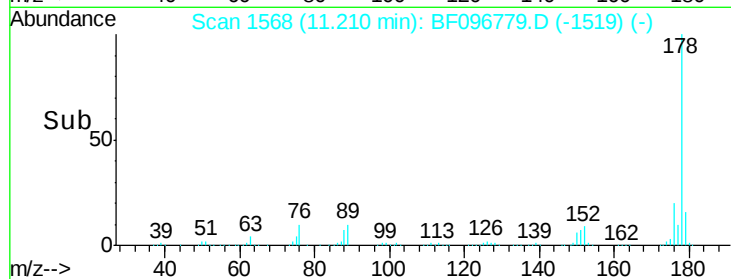
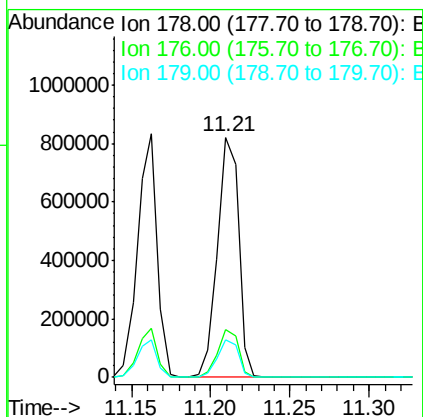
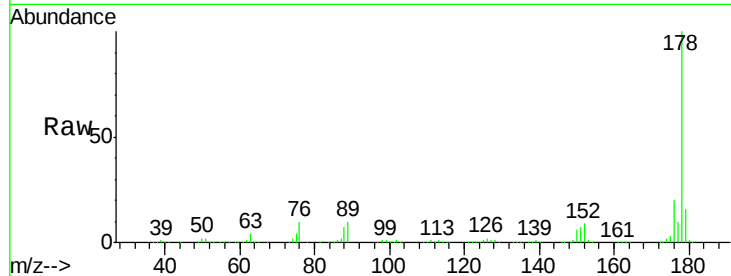




#71
 Anthracene
 Concen: 40.01 ng
 RT: 11.21 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

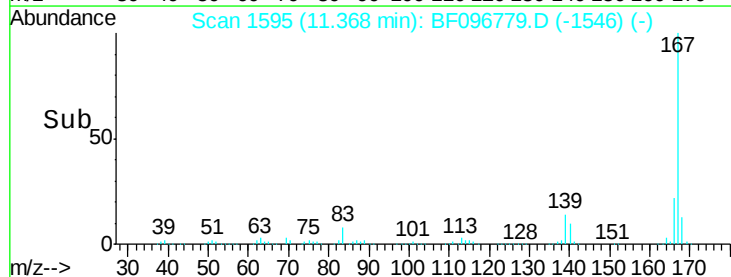
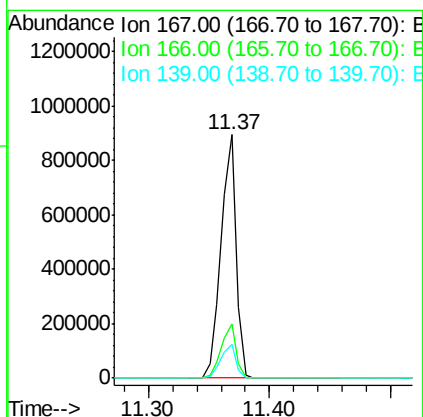
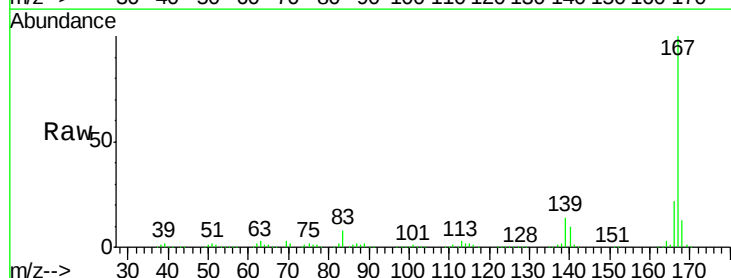
Instrument :
 BNA_F
 ClientSampled :

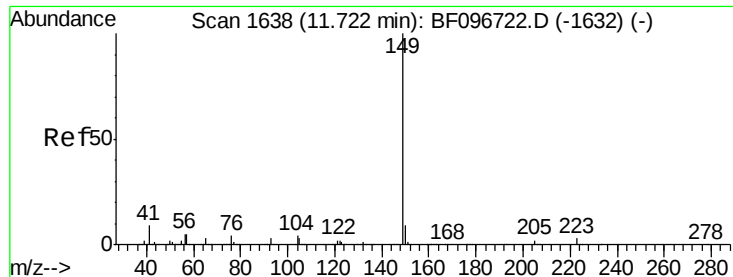
Tot Ion:178 Resp: 766635
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 41.49 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:167 Resp: 769786
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 35.51 ng

RT: 11.71 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampled :

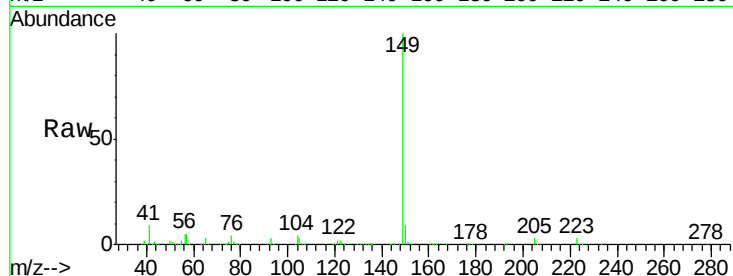
Tot Ion:149 Resp: 820564

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

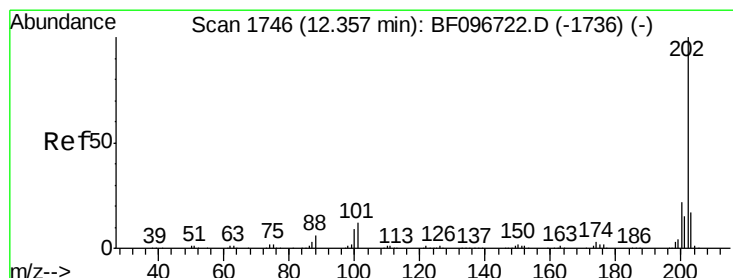
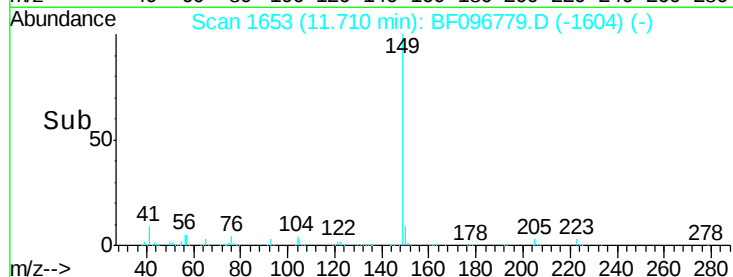
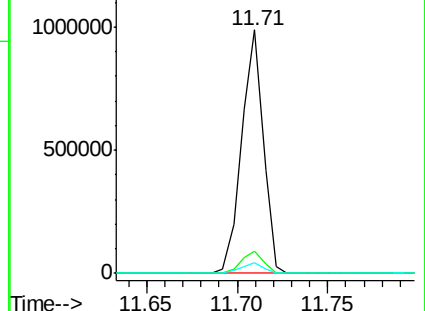
104 4.3 4.0 6.0



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: 39.80 ng

RT: 12.34 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

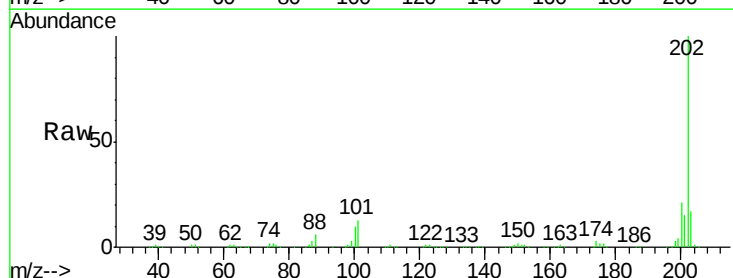
Tgt Ion:202 Resp: 722033

Ion Ratio Lower Upper

202 100

101 12.8 0.0 33.2

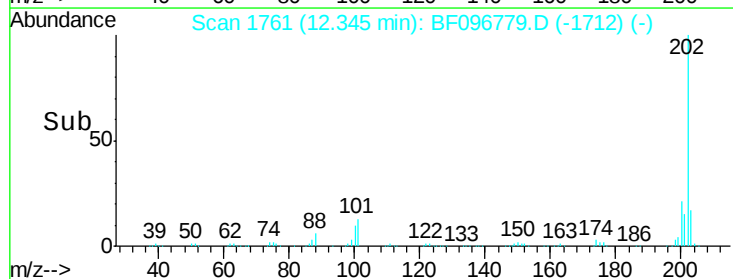
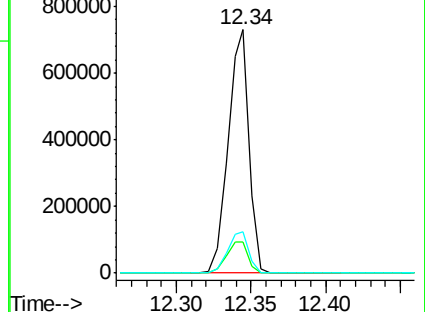
203 17.1 0.0 38.1

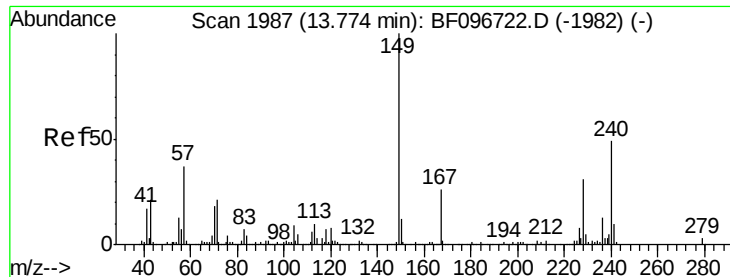


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

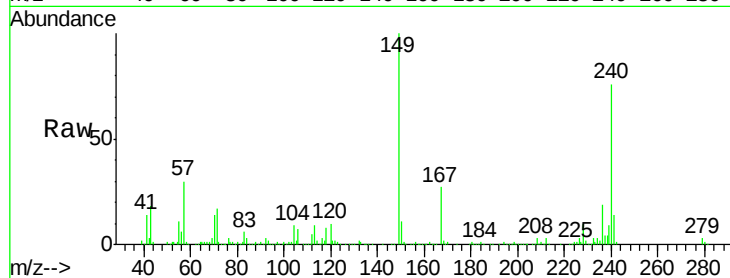
Tot Ion:240 Resp: 221296

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

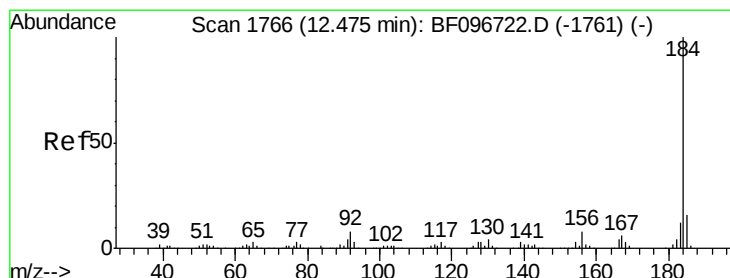
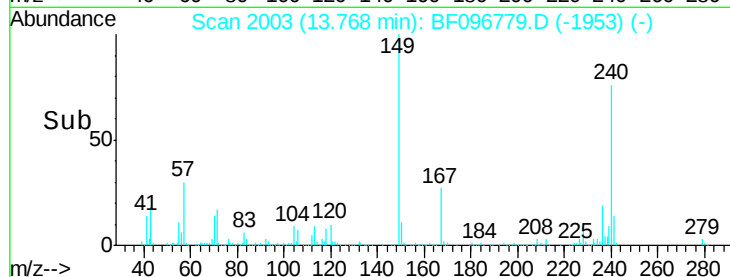
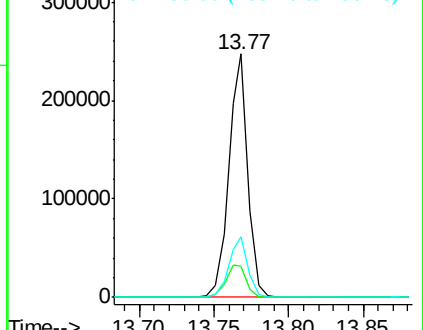
236 25.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 57.57 ng

RT: 12.46 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

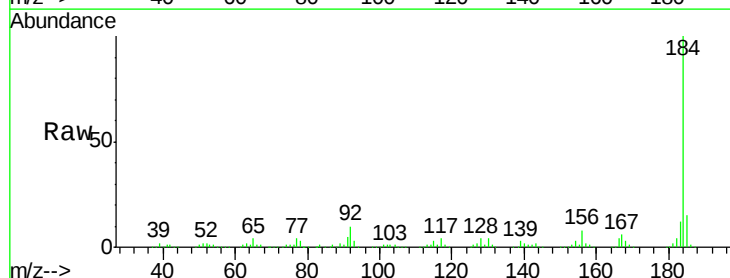
Tgt Ion:184 Resp: 417364

Ion Ratio Lower Upper

184 100

185 15.5 15.5 23.3#

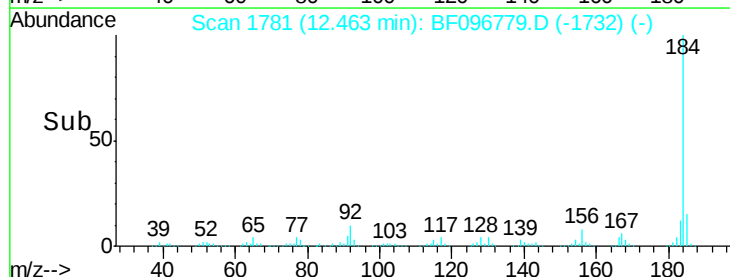
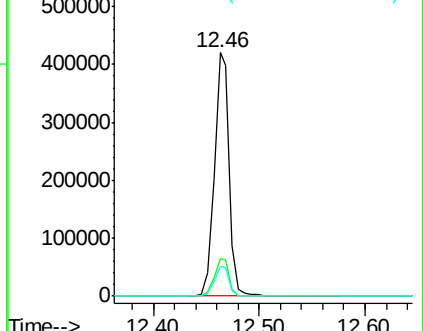
183 12.4 9.8 14.6

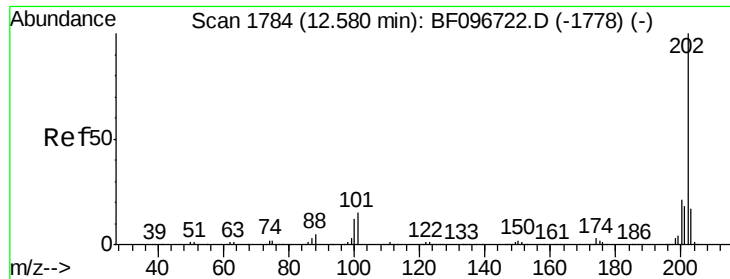


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

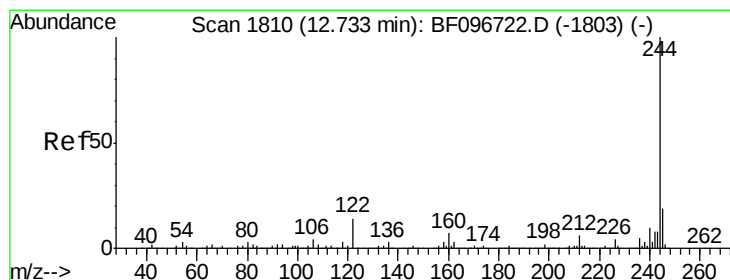
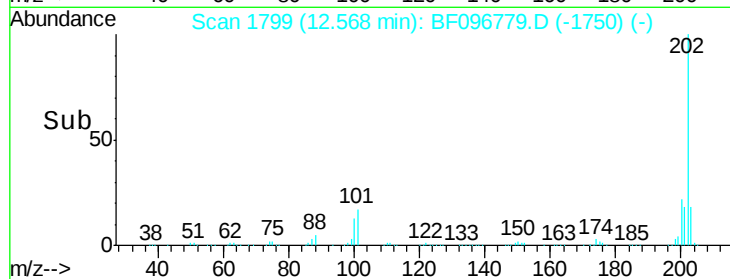
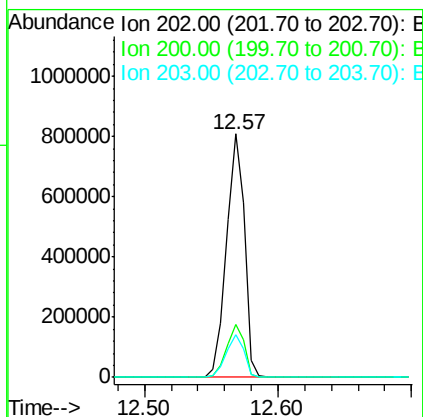
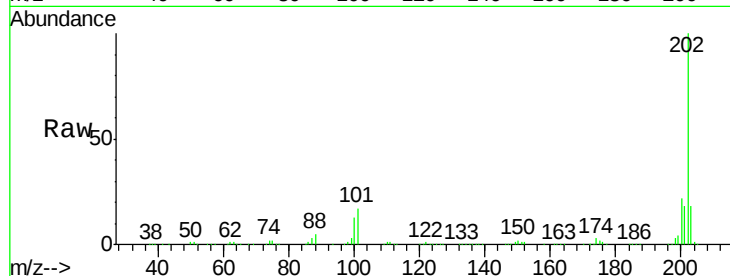




#77
Pvrene
Concen: 38.34 ng
RT: 12.57 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

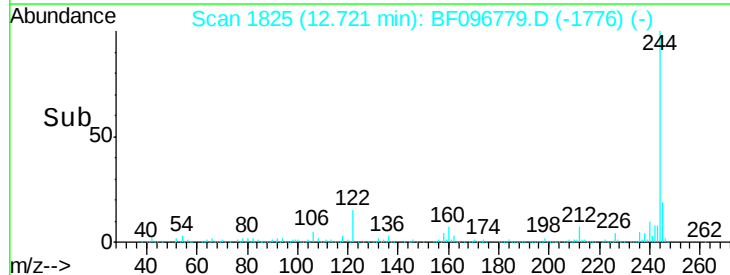
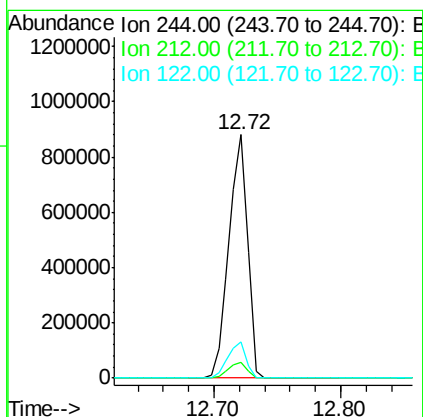
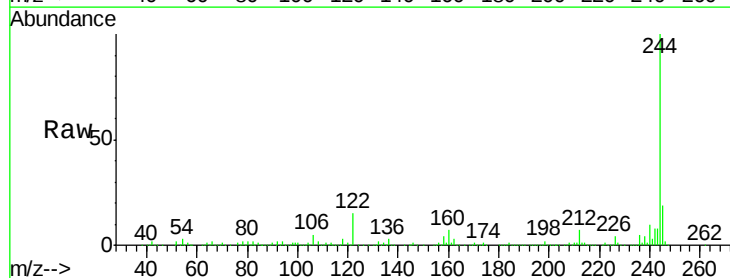
Instrument :
BNA_F
ClientSampleId :

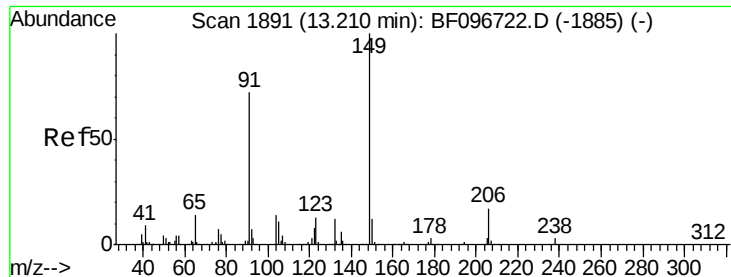
Tot Ion:202 Resp: 769925
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 70.17 ng
RT: 12.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:244 Resp: 895399
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 14.7 10.3 15.5

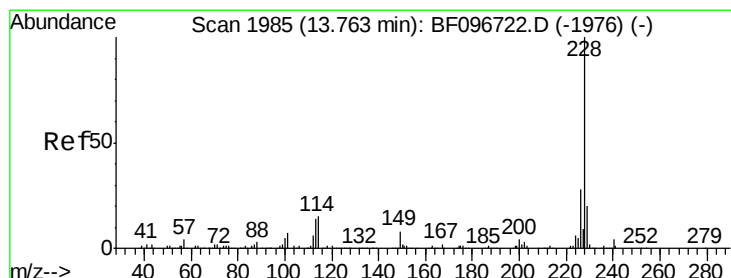
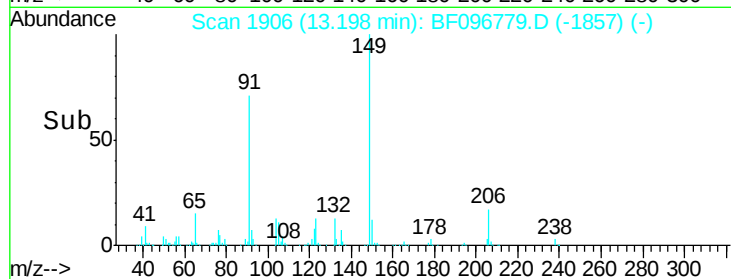
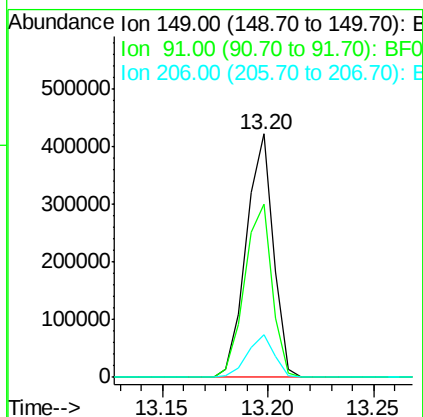
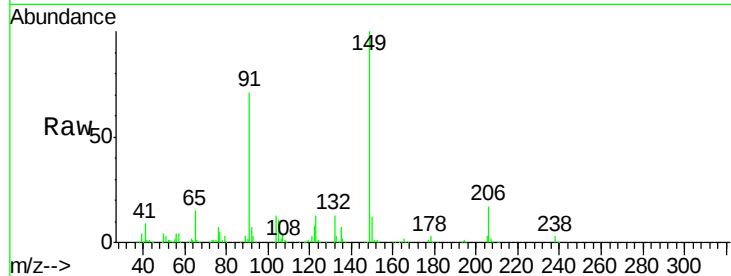




#79
Butylbenzylphthalate
Concen: 79.08 ng
RT: 13.20 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

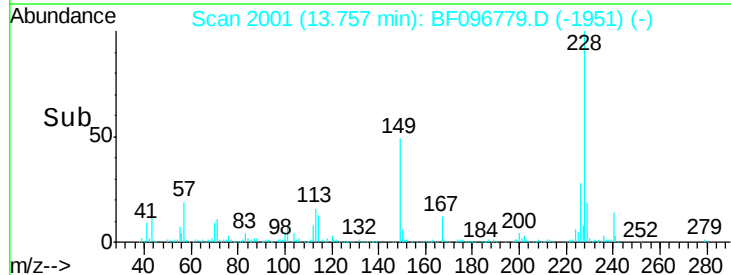
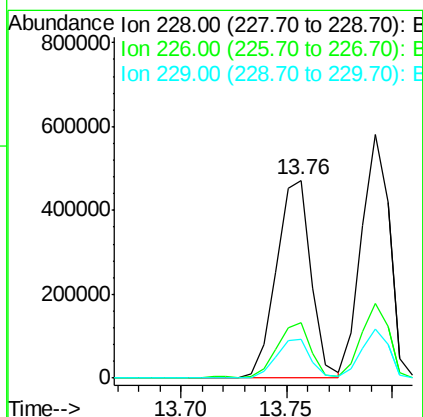
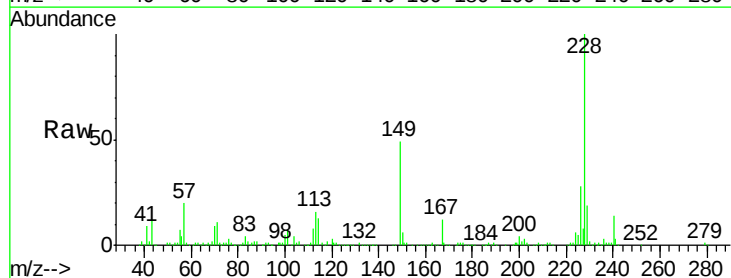
Instrument :
BNA_F
ClientSampleID :

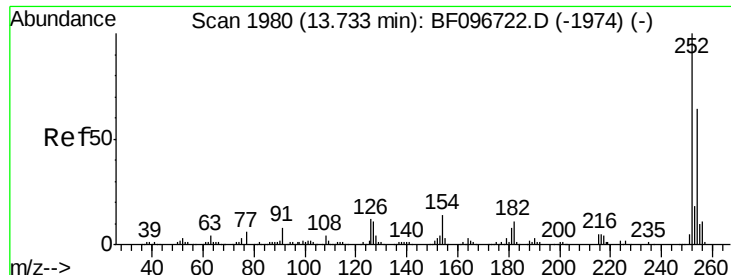
Tot Ion:149 Resp: 377311
Ion Ratio Lower Upper
149 100
91 71.2 45.0 67.4#
206 17.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.16 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:228 Resp: 539935
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.4 16.3 24.5

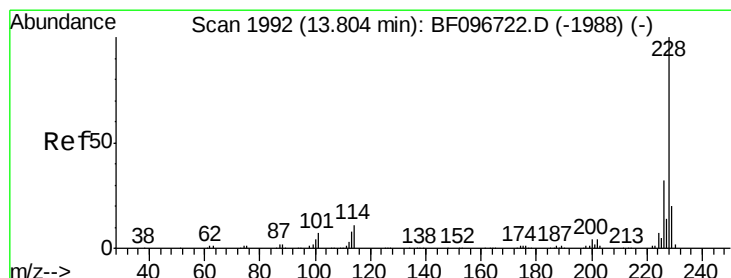
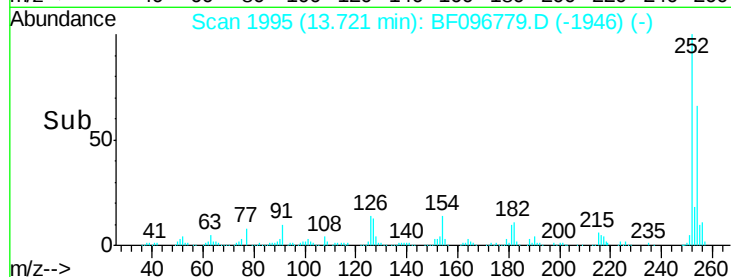
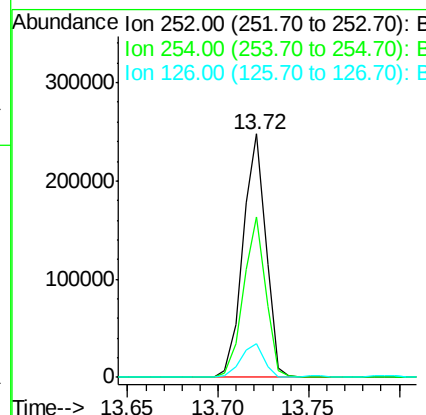
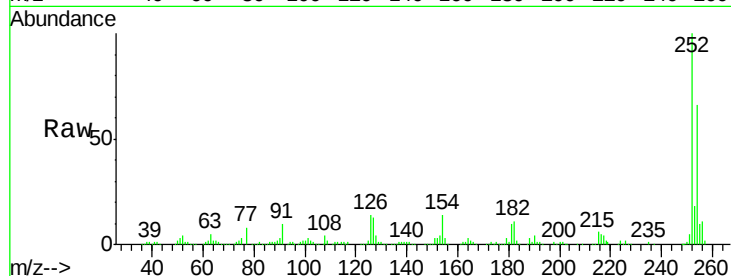




#81
 3,3'-Dichlorobenzidine
 Concen: 43.76 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

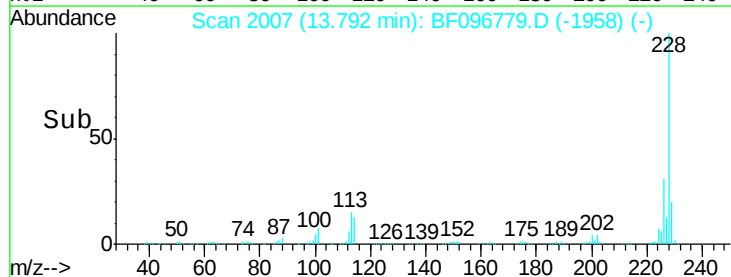
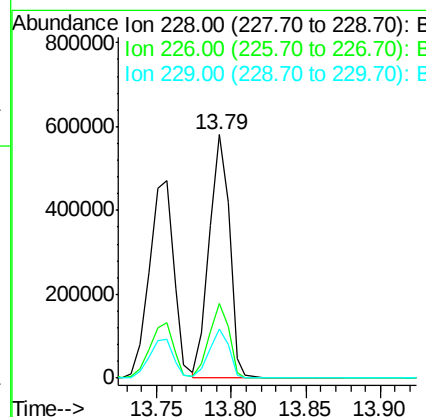
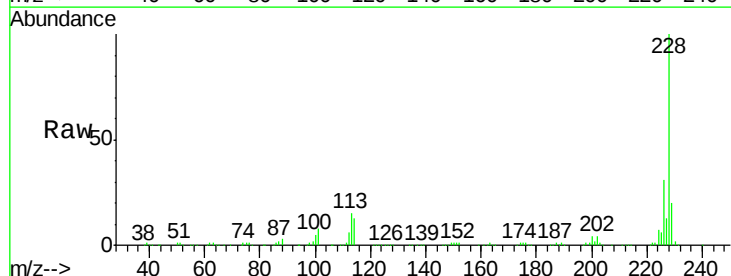
Instrument :
 BNA_F
 ClientSampleId :

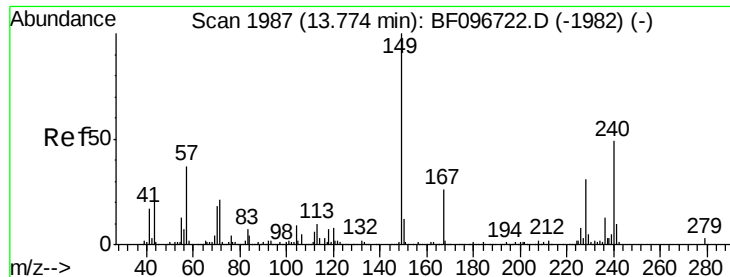
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.5	77.3
126	13.9	15.8	23.8#



#82
 Chrysene
 Concen: 39.85 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.1	15.8	23.6

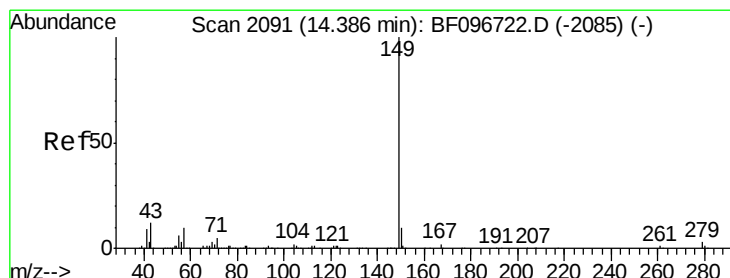
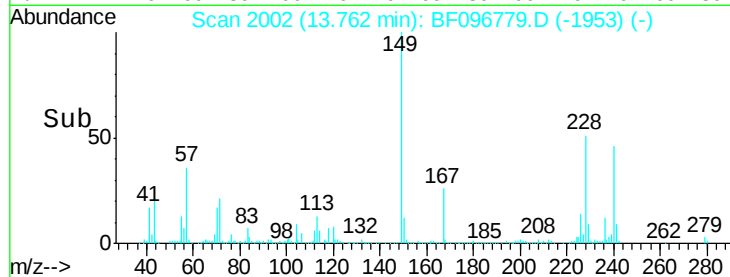
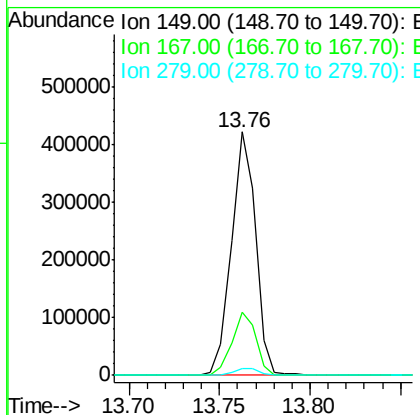
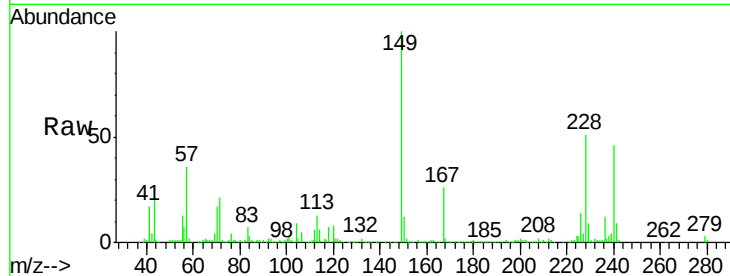




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.78 ng
 RT: 13.76 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

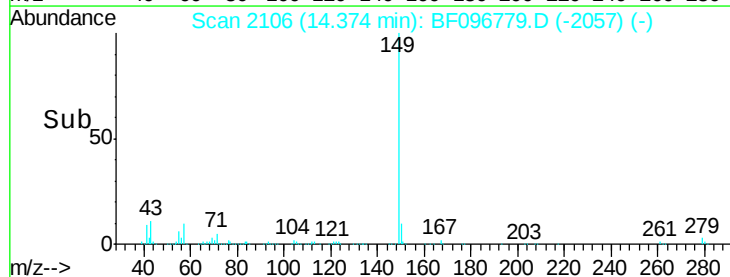
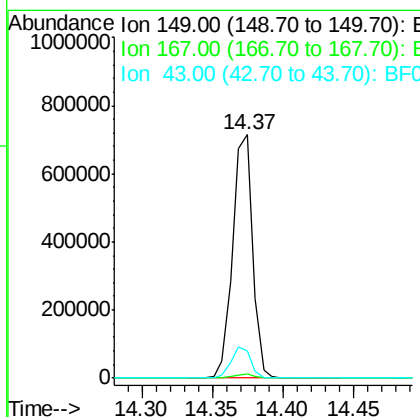
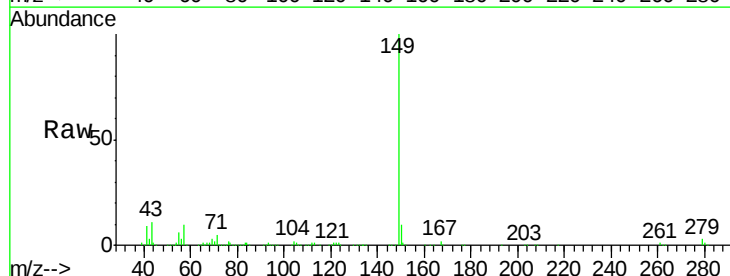
Instrument :
 BNA_F
 ClientSampleId :

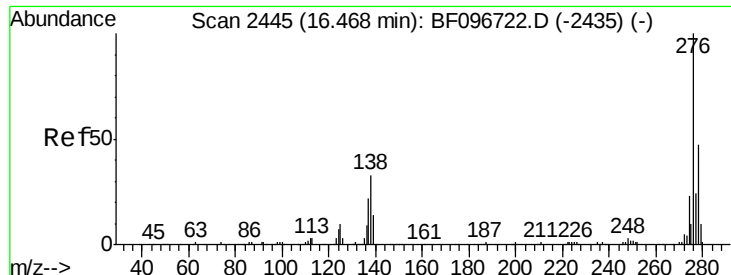
Tot Ion:149 Resp: 392549
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 36.67 ng
 RT: 14.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Tgt Ion:149 Resp: 704471
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 12.6 8.5 12.7

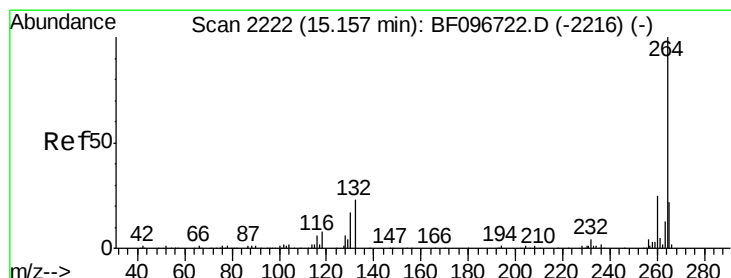
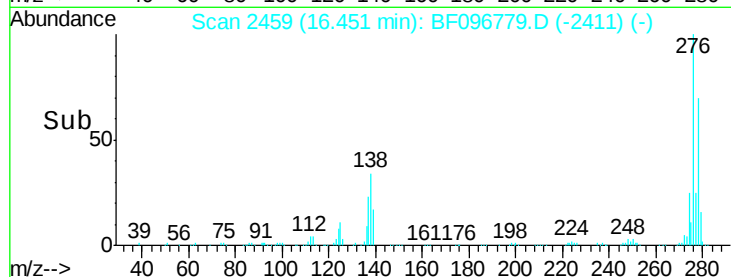
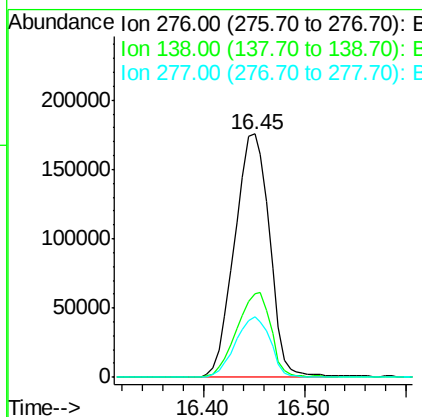
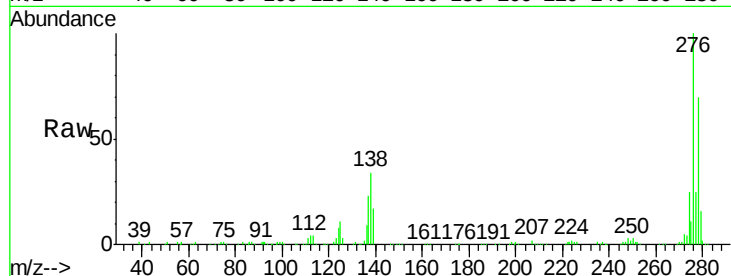




#85
Indeno(1,2,3-cd)pyrene
Concen: 34.12 ng
RT: 16.45 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

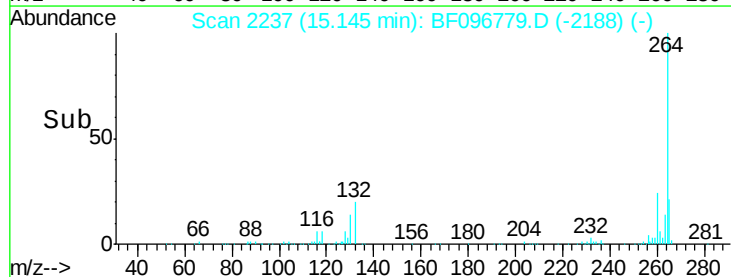
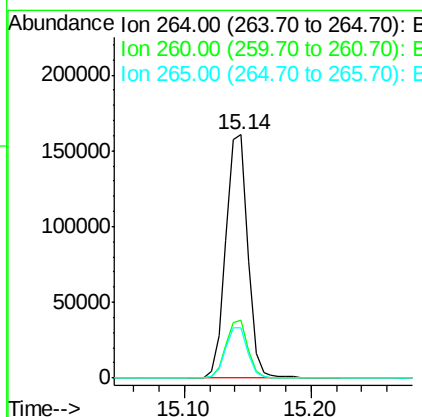
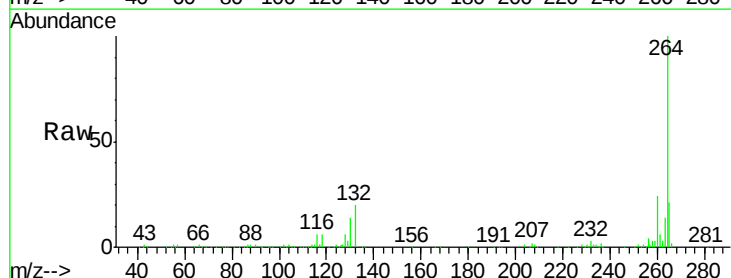
Instrument :
BNA_F
ClientSampleId :

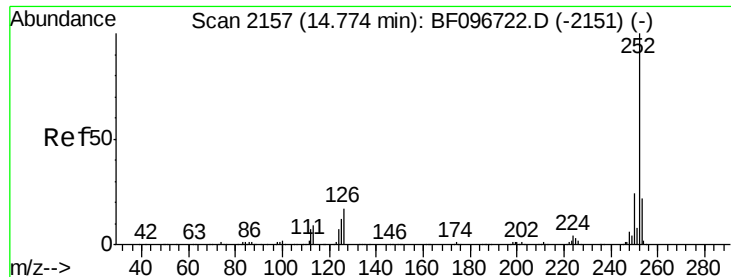
Tot Ion:276 Resp: 421040
Ion Ratio Lower Upper
276 100
138 34.1 27.8 41.6
277 24.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:264 Resp: 192847
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 20.7 17.2 25.8

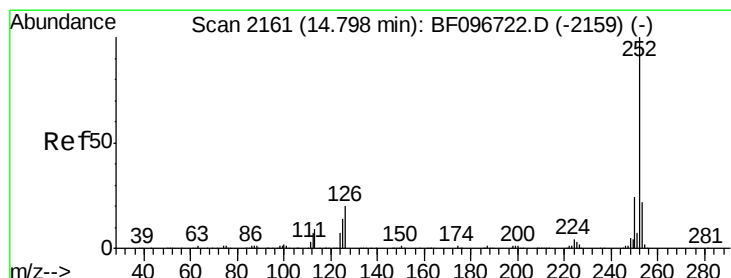
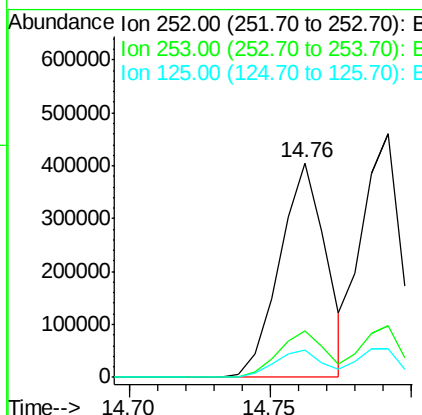
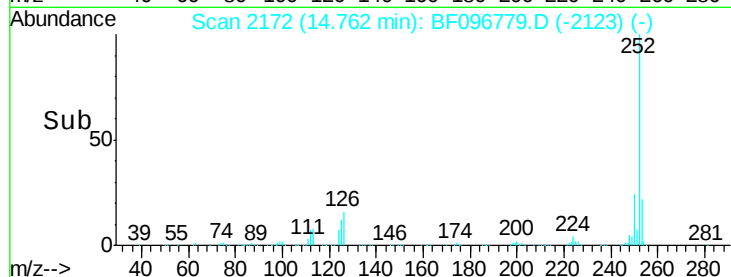
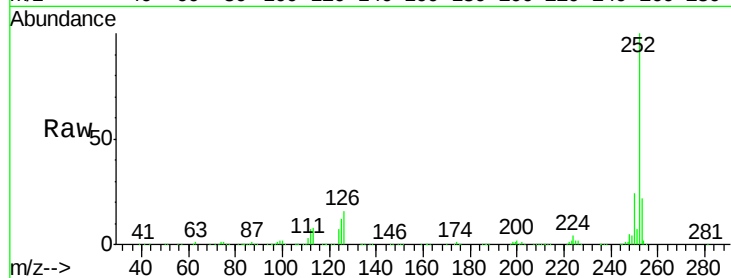




#87
Benzo(b)fluoranthene
Concen: 39.53 ng
RT: 14.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

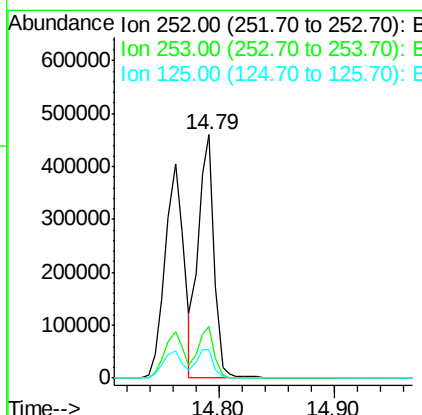
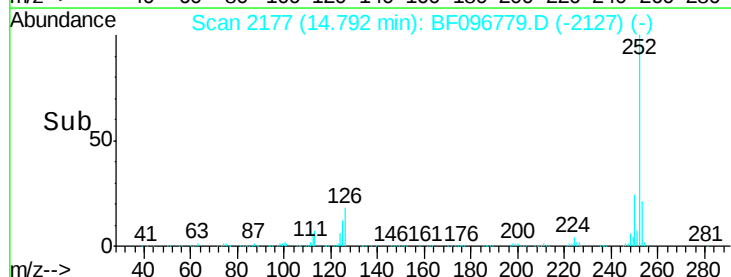
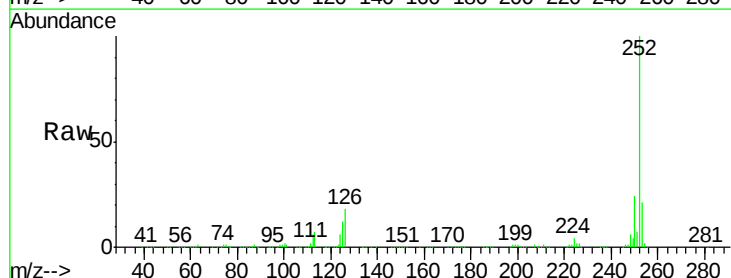
Instrument :
BNA_F
ClientSampleId :

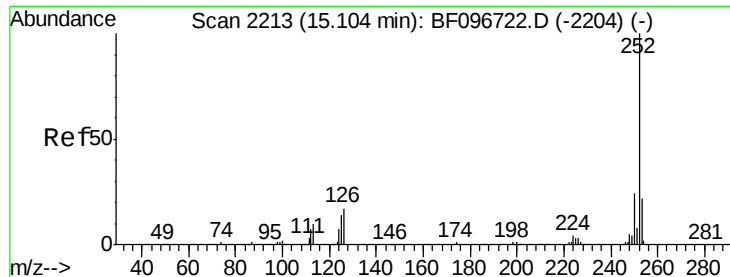
Tot Ion:252 Resp: 459788
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 12.4 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 40.44 ng
RT: 14.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BF096779.D
Acq: 14 Jul 2017 18:44

Tgt Ion:252 Resp: 445354
Ion Ratio Lower Upper
252 100
253 21.1 18.4 27.6
125 11.9 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.87 ng

RT: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

Instrument :

BNA_F

ClientSampleId :

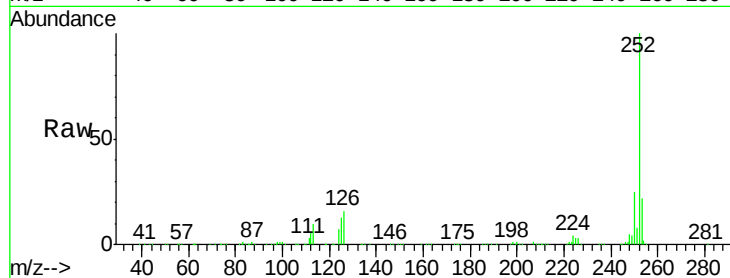
Tot Ion:252 Resp: 425352

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

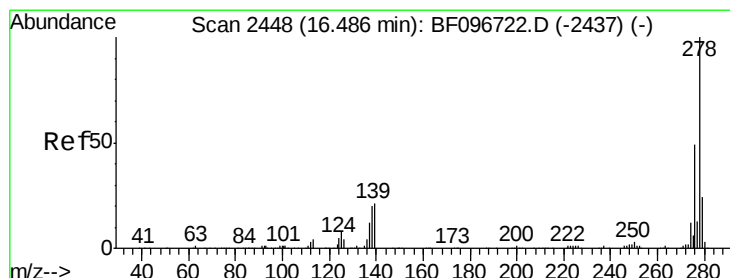
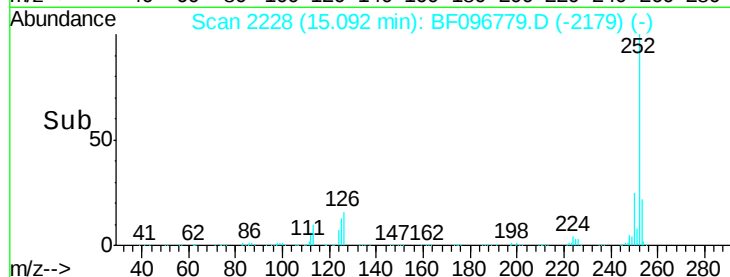
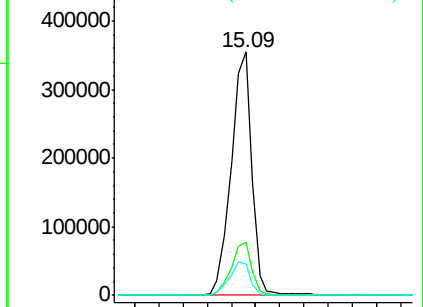
125 12.8 11.0 16.4



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: 34.21 ng

RT: 16.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BF096779.D

Acq: 14 Jul 2017 18:44

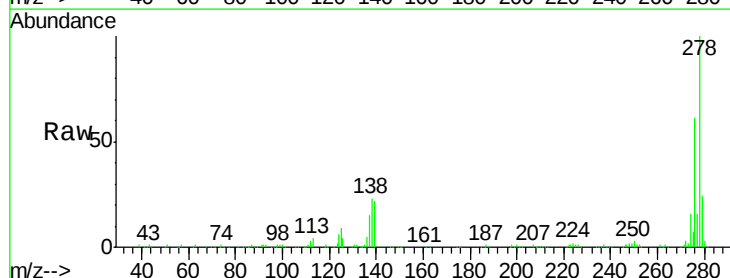
Tgt Ion:278 Resp: 335802

Ion Ratio Lower Upper

278 100

139 22.1 16.6 24.8

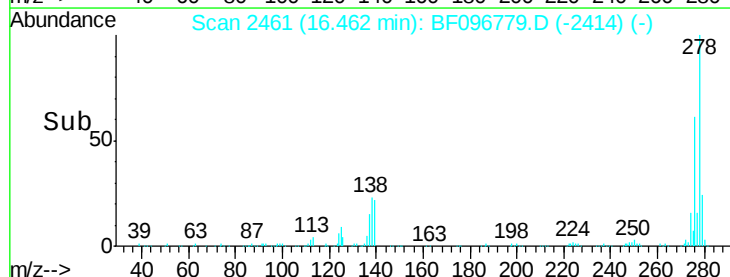
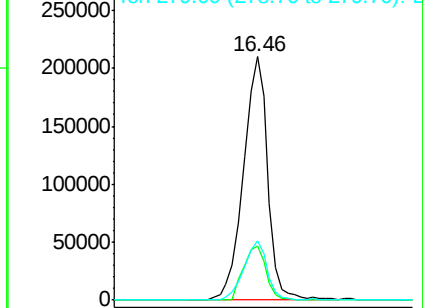
279 24.5 19.3 28.9

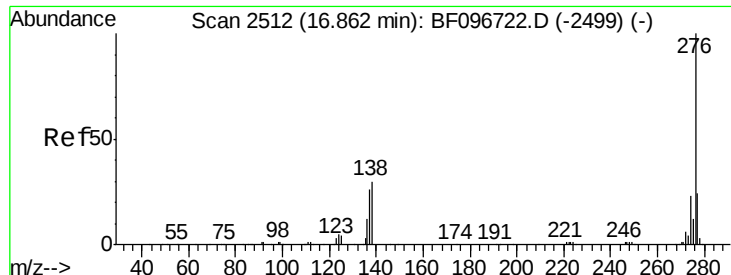


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

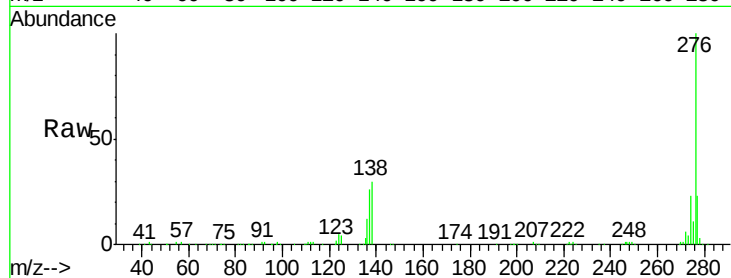




#91
 Benzo(a,h,i)perylene
 Concen: 33.78 ng
 RT: 16.84 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BF096779.D
 Acq: 14 Jul 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	29.6	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

