

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071417\
 Data File : BF096805.D
 Acq On : 15 Jul 2017 7:21
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 17 00:49:09 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	85701	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	330948	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	139984	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	224082	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	176740	20.00	ng	0.00
86) Perylene-d12	15.14	264	140196	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	457420	80.25	ng	0.00
7) Phenol-d6	6.27	99	525884	76.88	ng	0.00
23) Nitrobenzene-d5	7.19	82	441856	82.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.45	330	91965	76.97	ng	-0.01
44) 2-Fluorobiphenyl	8.99	172	721574	81.44	ng	-0.01
78) Terphenyl-d14	12.72	244	695069	68.20	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	117441	40.04	ng	# 76
3) Pyridine	2.88	79	263481	42.75	ng	# 65
4) n-Nitrosodimethylamine	2.82	42	144525	41.93	ng	# 78
6) Aniline	6.29	93	318763	37.83	ng	# 41
8) 2-Chlorophenol	6.42	128	242680	39.47	ng	98
9) Benzaldehyde	6.17	77	148649	37.60	ng	99
10) Phenol	6.29	94	294545	38.09	ng	73
11) bis(2-Chloroethyl)ether	6.37	93	228702	39.33	ng	92
12) 1,3-Dichlorobenzene	6.57	146	263273	40.28	ng	98
13) 1,4-Dichlorobenzene	6.65	146	267611	40.43	ng	96
14) 1,2-Dichlorobenzene	6.80	146	238435	39.60	ng	98
15) Benzyl Alcohol	6.77	79	172144	38.44	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.92	45	455485	37.96	ng	93
17) 2-Methylphenol	6.90	107	182651	38.20	ng	97
18) Hexachloroethane	7.14	117	75422	32.13	ng	# 81
19) n-Nitroso-di-n-propylamine	7.05	70	153414	37.23	ng	# 84
20) 3+4-Methylphenols	7.05	107	228336	39.35	ng	# 69
22) Acetophenone	7.04	105	309527	41.85	ng	98
24) Nitrobenzene	7.21	77	229893	41.60	ng	95
25) Isophorone	7.46	82	392665	39.51	ng	94
26) 2-Nitrophenol	7.53	139	109611	35.67	ng	# 88
27) 2,4-Dimethylphenol	7.58	122	206609	40.87	ng	94
28) bis(2-Chloroethoxy)methane	7.67	93	270578	40.29	ng	99
29) 2,4-Dichlorophenol	7.77	162	178630	39.04	ng	96
30) 1,2,4-Trichlorobenzene	7.86	180	178963	41.14	ng	99
31) Naphthalene	7.93	128	632002	40.31	ng	99
32) Benzoic acid	7.70	122	103879	32.15	ng	91
33) 4-Chloroaniline	7.98	127	250961	40.40	ng	99
34) Hexachlorobutadiene	8.06	225	97496	41.98	ng	97
35) Caprolactam	8.35	113	53694	36.62	ng	# 65
36) 4-Chloro-3-methylphenol	8.47	107	181061	36.80	ng	90
37) 2-Methylnaphthalene	8.62	142	384076	38.43	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	155121	40.99	ng	99
40) Hexachlorocyclopentadiene	8.78	237	5112	8.35	ng	90

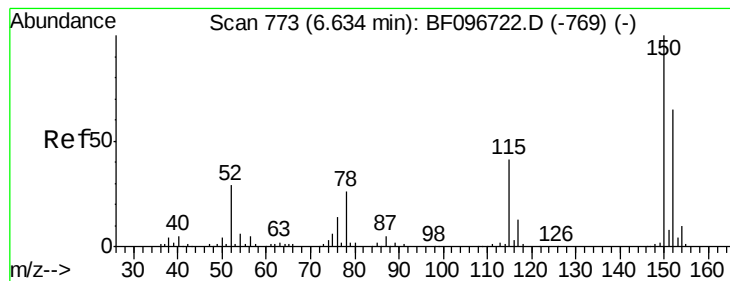
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	106798	38.26	nq	100
43) 2,4,5-Trichlorophenol	8.95	196	104970	37.29	nq	95
45) 1,1'-Biphenyl	9.09	154	486077	40.49	nq	99
46) 2-Chloronaphthalene	9.11	162	363322	41.10	nq	94
47) 2-Nitroaniline	9.20	65	131277	43.20	nq	93
48) Acenaphthylene	9.52	152	564807	40.10	nq	97
49) Dimethylphthalate	9.39	163	460594	43.70	nq	100
50) 2,6-Dinitrotoluene	9.45	165	85825	37.59	nq	# 79
51) Acenaphthene	9.69	154	333857	40.12	nq	98
52) 3-Nitroaniline	9.61	138	121293	44.85	nq	91
53) 2,4-Dinitrophenol	9.73	184	6498	12.00	nq	# 69
54) Dibenzofuran	9.86	168	458446	39.32	nq	100
55) 4-Nitrophenol	9.79	139	76355	38.64	nq	# 68
56) 2,4-Dinitrotoluene	9.85	165	100252	34.17	nq	# 85
57) Fluorene	10.20	166	354546	41.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	75865	38.86	nq	# 99
59) Diethylphthalate	10.09	149	414988	40.44	nq	100
60) 4-Chlorophenyl-phenylether	10.20	204	150349	41.18	nq	94
61) 4-Nitroaniline	10.22	138	117669	46.33	nq	91
62) Azobenzene	10.36	77	357789	39.53	nq	93
64) 4,6-Dinitro-2-methylphenol	10.26	198	12212	8.68	nq	# 75
65) n-Nitrosodiphenylamine	10.32	169	323920	40.44	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	92870	40.59	nq	94
67) Hexachlorobenzene	10.76	284	102771	40.33	nq	94
68) Atrazine	10.85	200	79197	34.70	nq	94
69) Pentachlorophenol	10.95	266	54280	44.10	nq	98
70) Phenanthrene	11.16	178	490820	40.28	nq	99
71) Anthracene	11.21	178	473399	38.43	nq	99
72) Carbazole	11.37	167	472824	39.63	nq	97
73) Di-n-butylphthalate	11.71	149	633108	42.61	nq	98
74) Fluoranthene	12.35	202	528897	45.35	nq	99
76) Benzidine	12.47	184	354544	61.23	nq	# 94
77) Pyrene	12.57	202	574696	35.83	nq	99
79) Butylbenzylphthalate	13.20	149	289305	75.92	nq	# 82
80) Benzo(a)anthracene	13.76	228	419125	38.06	nq	99
81) 3,3'-Dichlorobenzidine	13.72	252	181845	45.92	nq	# 95
82) Chrysene	13.79	228	430454	39.71	nq	99
83) Bis(2-ethylhexyl)phthalate	13.76	149	339741	36.61	nq	97
84) Di-n-octyl phthalate	14.37	149	649675	42.35	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.45	276	297308	30.70	nq	99
87) Benzo(b)fluoranthene	14.76	252	343497	40.62	nq	98
88) Benzo(k)fluoranthene	14.79	252	346825	43.32	nq	# 95
89) Benzo(a)pyrene	15.09	252	309129	39.86	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	247423	34.67	nq	98
91) Benzo(g,h,i)perylene	16.84	276	239951	31.40	nq	96

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

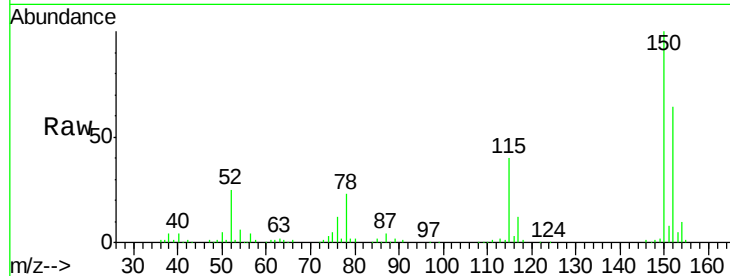


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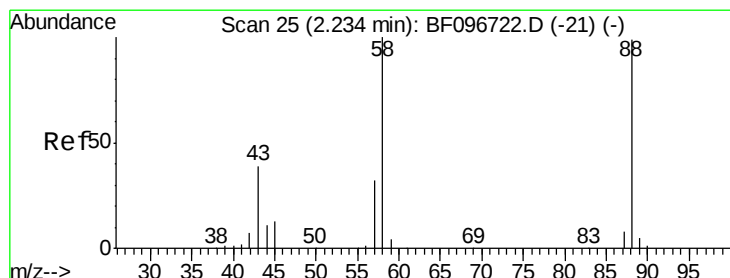
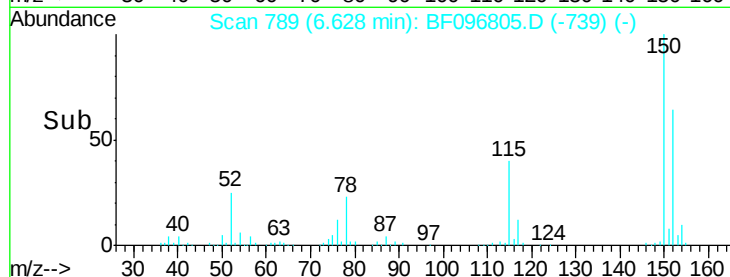
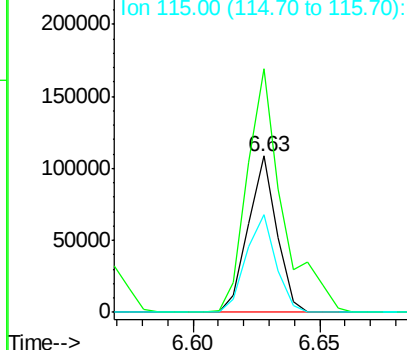
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 85701
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 62.2 52.2 78.2



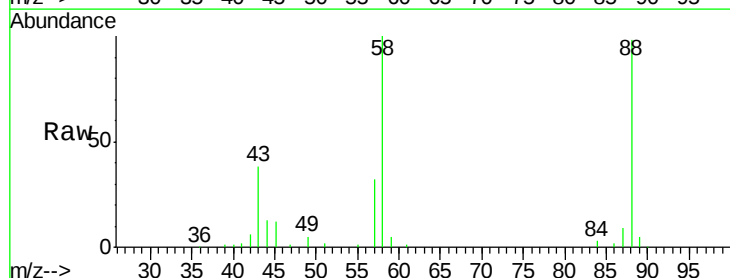
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



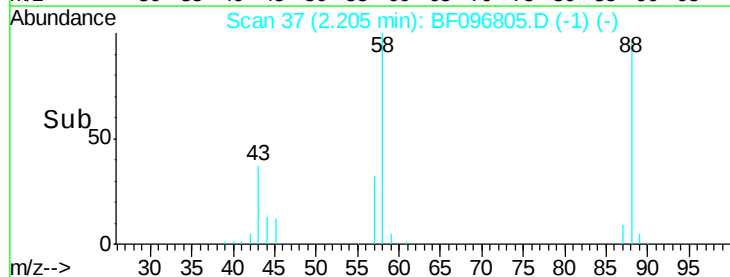
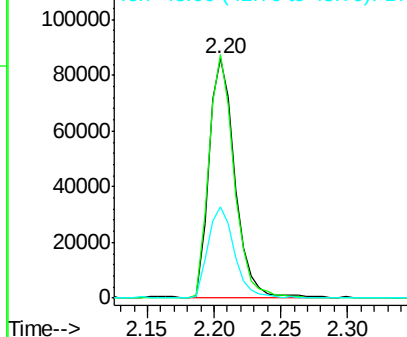
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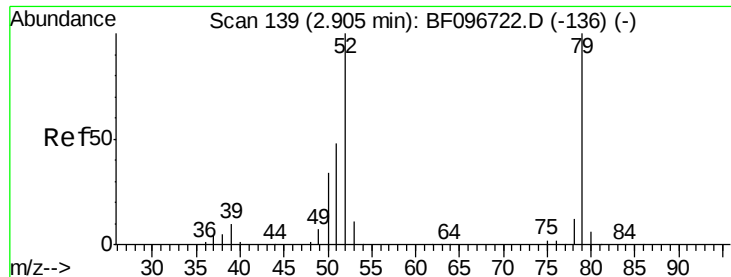
1,4-Dioxane
Concen: 40.04 ng
RT: 2.20 min Scan# 37
Delta R.T. -0.03 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 88 Resp: 117441
Ion Ratio Lower Upper
88 100
58 98.7 61.4 92.0#
43 39.1 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

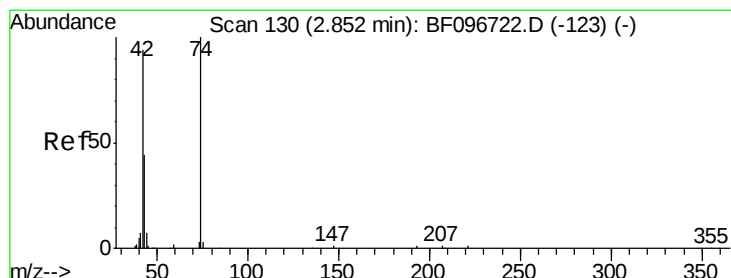
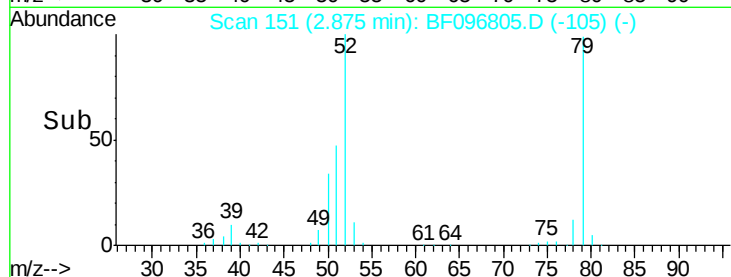
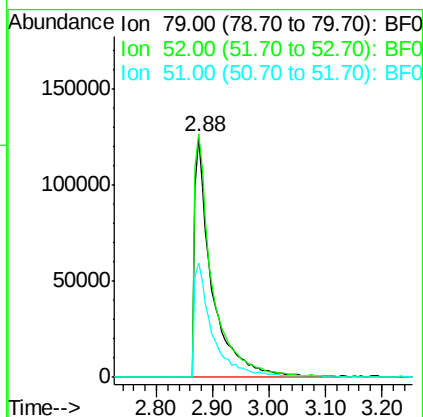
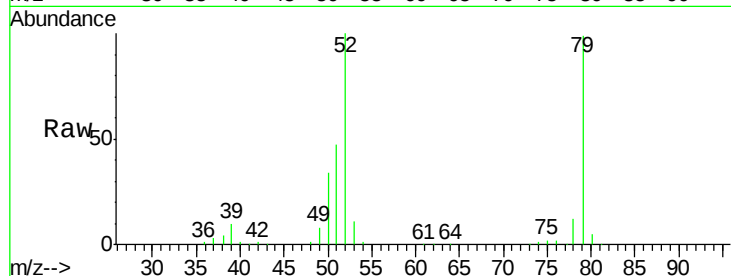




#3
 Pvridine
 Concen: 42.75 ng
 RT: 2.88 min Scan# 151
 Delta R.T. -0.03 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

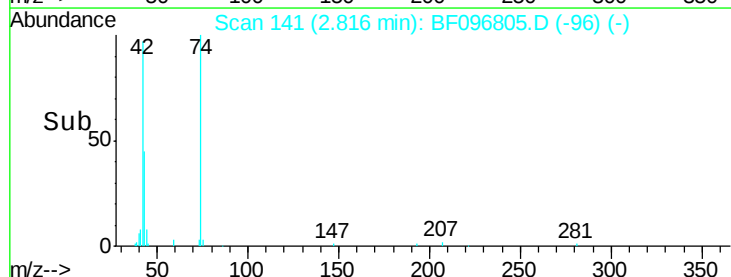
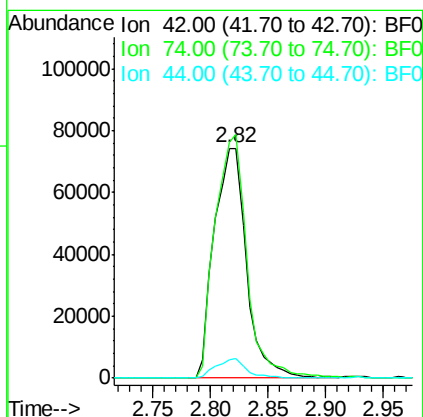
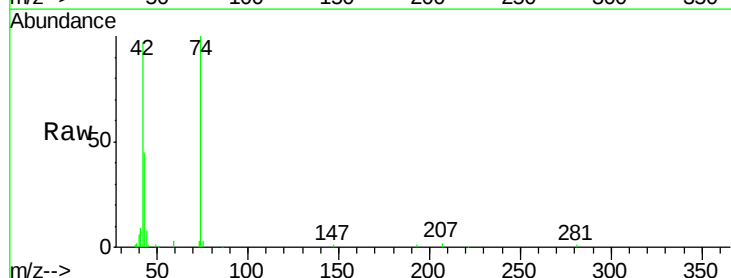
Instrument :
 BNA_F
 ClientSampleId :

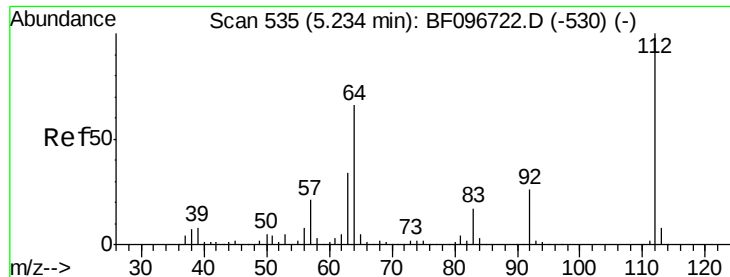
Tot Ion: 79 Resp: 263481
 Ion Ratio Lower Upper
 79 100
 52 101.5 54.8 82.2#
 51 47.8 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 41.93 ng
 RT: 2.82 min Scan# 141
 Delta R.T. -0.04 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion: 42 Resp: 144525
 Ion Ratio Lower Upper
 42 100
 74 102.8 103.9 155.9#
 44 8.2 5.7 8.5





#5

2-Fluorophenol

Concen: 80.25 ng

RT: 5.23 min Scan# 551

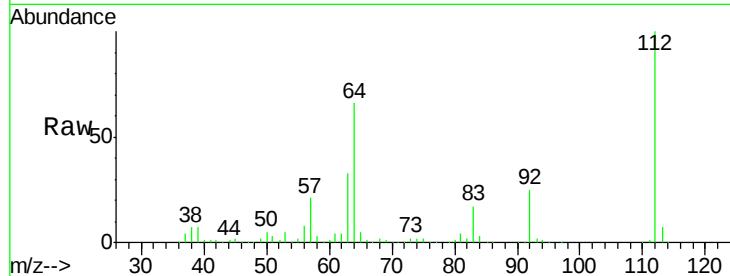
Delta R.T. -0.01 min

Lab File: BF096805.D

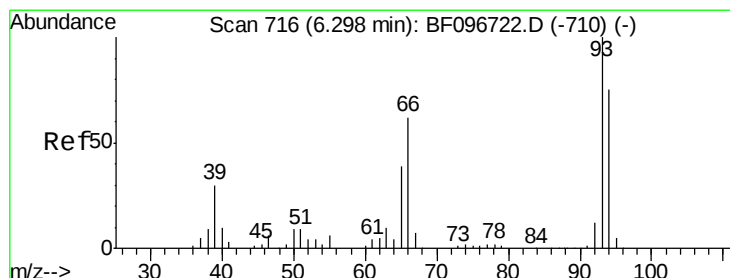
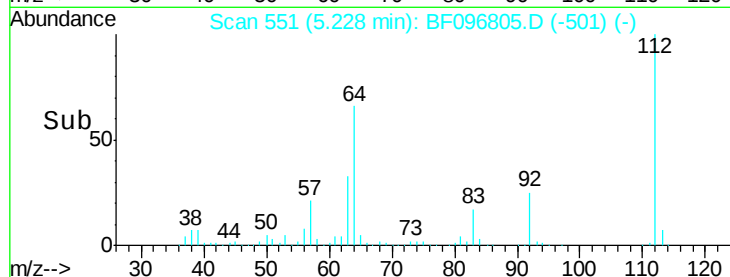
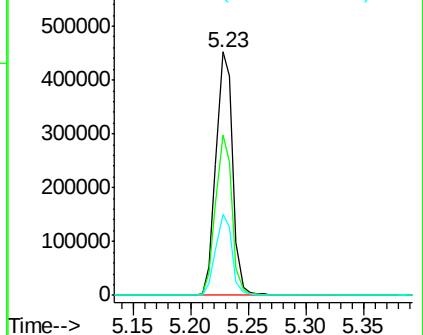
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	457420
Ion	Ratio	Lower	Upper
112	100		
64	65.9	46.0	69.0
63	33.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.83 ng

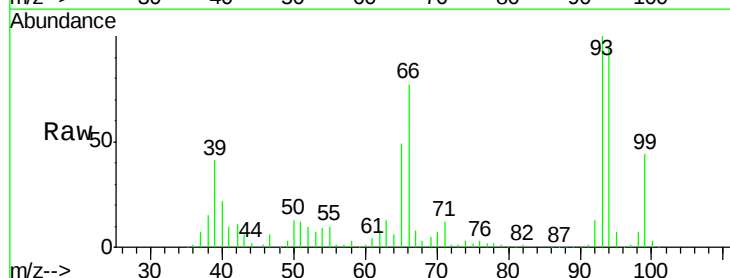
RT: 6.29 min Scan# 731

Delta R.T. -0.01 min

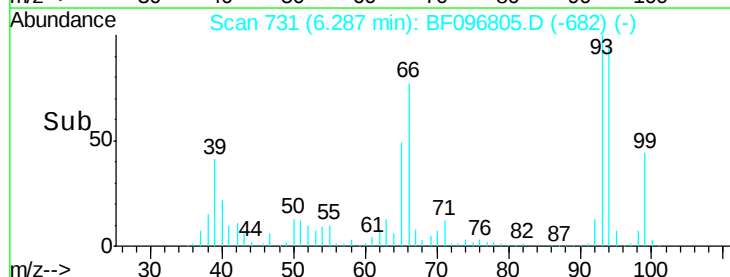
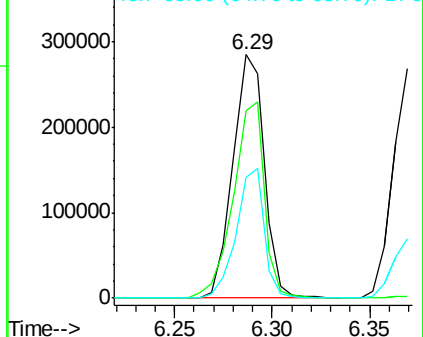
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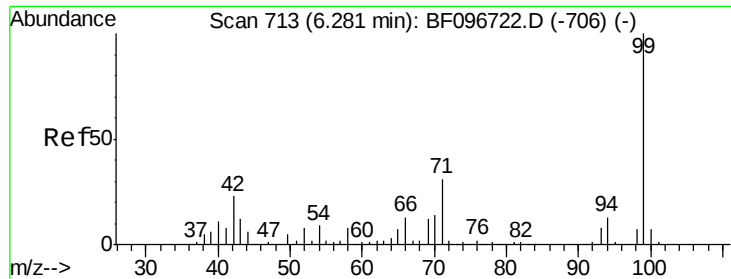
Acq: 15 Jul 2017 7:21

Tgt Ion:	93	Resp:	318763
Ion	Ratio	Lower	Upper
93	100		
66	76.7	32.9	49.3#
65	49.4	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: 76.88 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

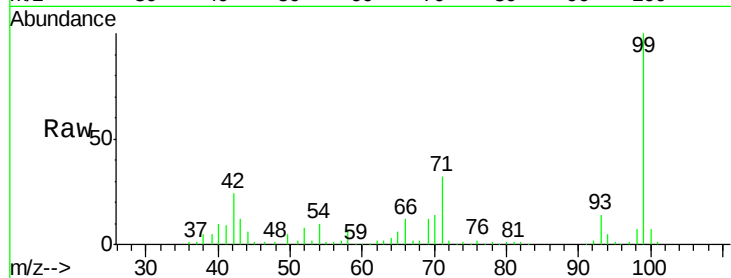
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 525884

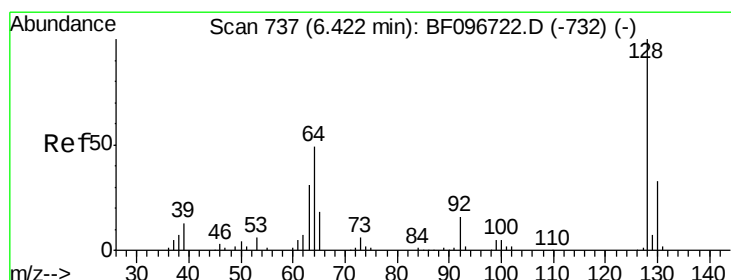
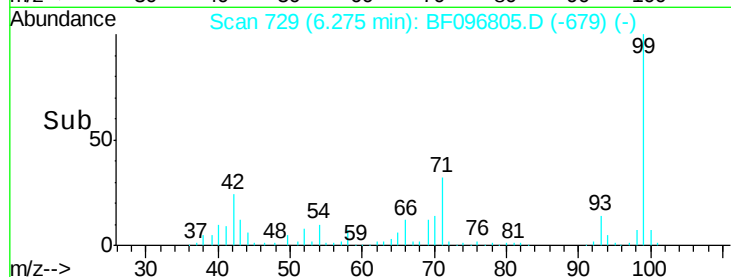
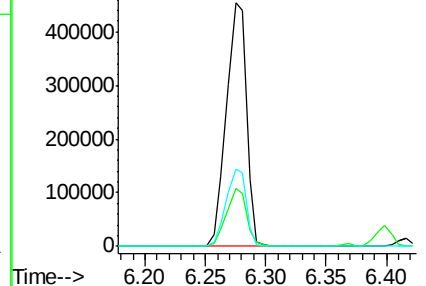
Ion	Ratio	Lower	Upper
99	100		
42	23.6	13.5	20.3#
71	31.6	24.5	36.7



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: 39.47 ng

RT: 6.42 min Scan# 753

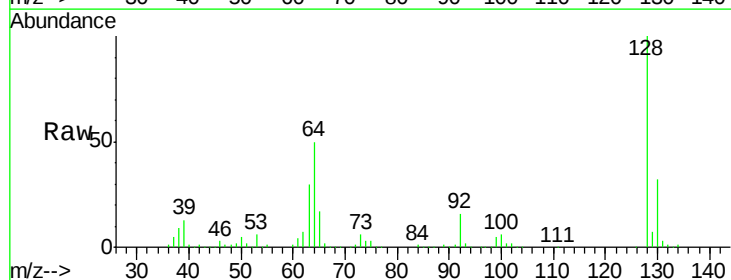
Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Tgt Ion: 128 Resp: 242680

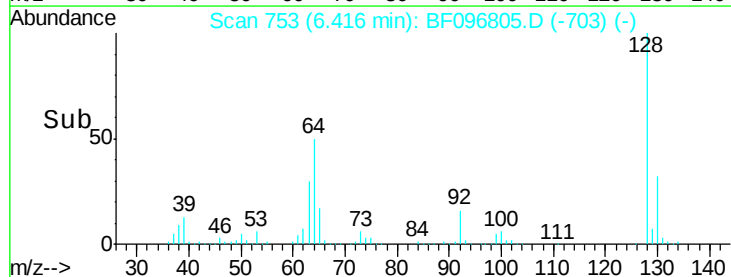
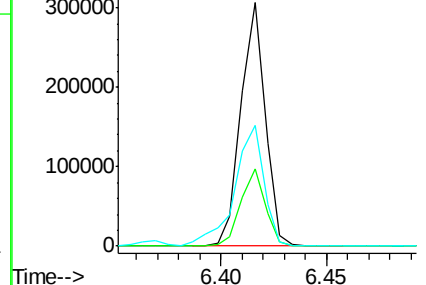
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	49.6	28.4	68.4

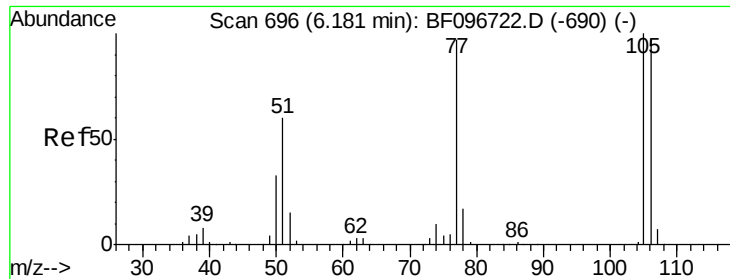


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

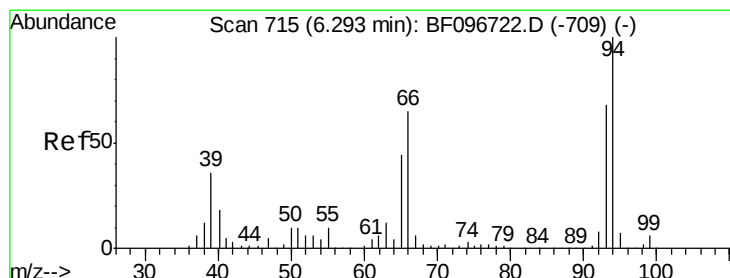
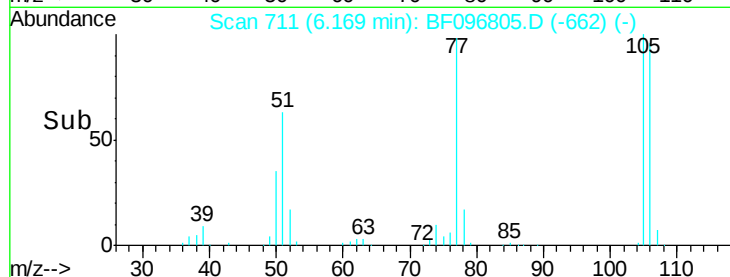
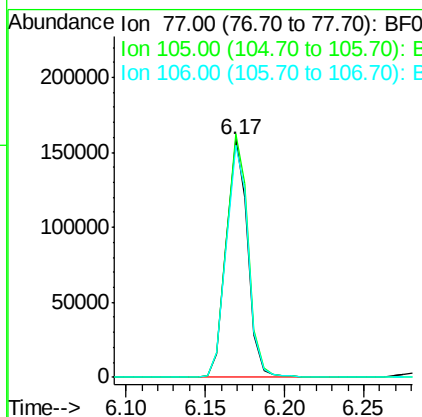
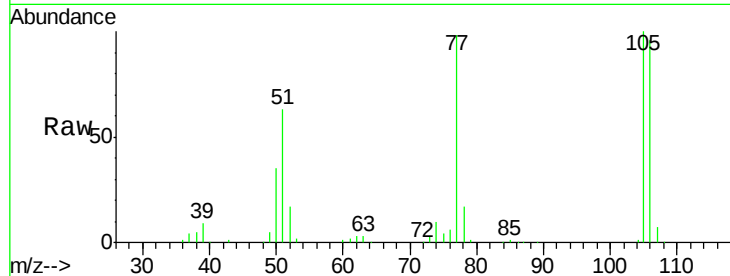




#9
Benzaldehyde
Concen: 37.60 ng
RT: 6.17 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

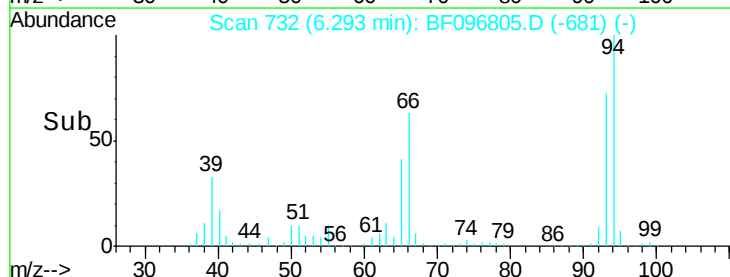
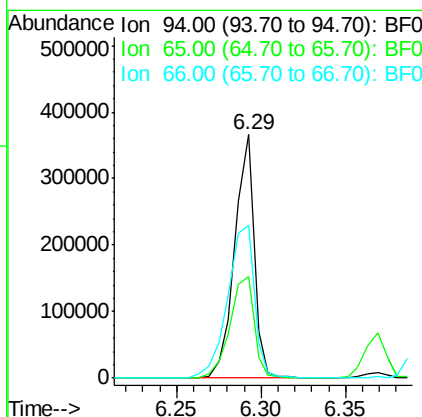
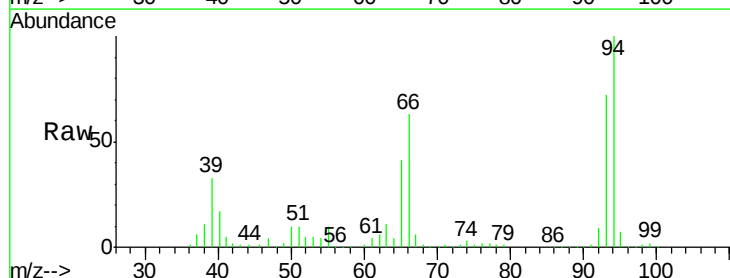
Instrument :
BNA_F
ClientSampleId :

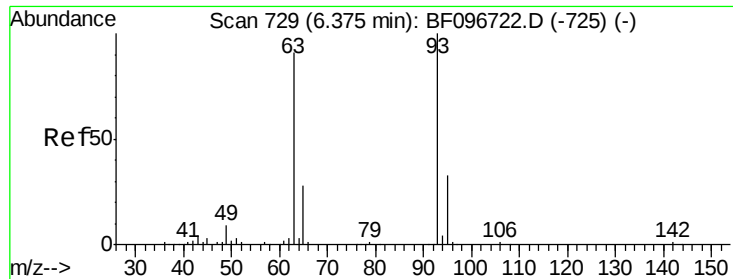
Tot Ion: 77 Resp: 148649
Ion Ratio Lower Upper
77 100
105 102.2 83.8 123.8
106 97.7 79.1 119.1



#10
Phenol
Concen: 38.09 ng
RT: 6.29 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 94 Resp: 294545
Ion Ratio Lower Upper
94 100
65 41.5 9.9 49.9
66 62.7 23.1 63.1

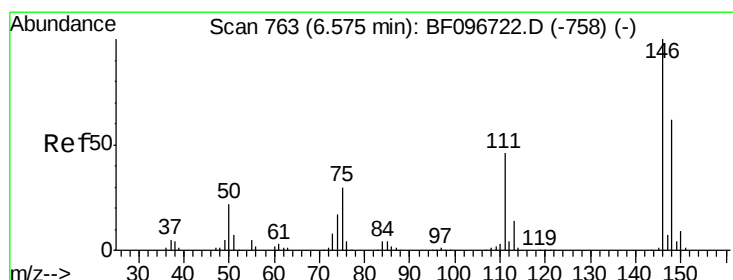
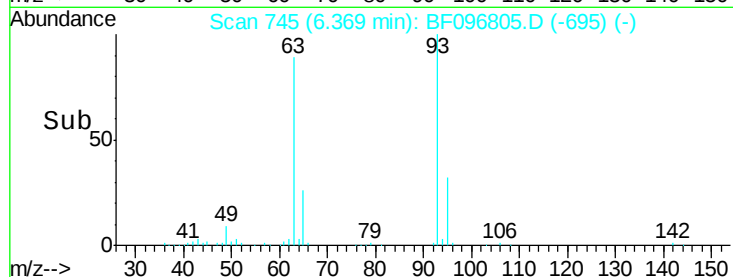
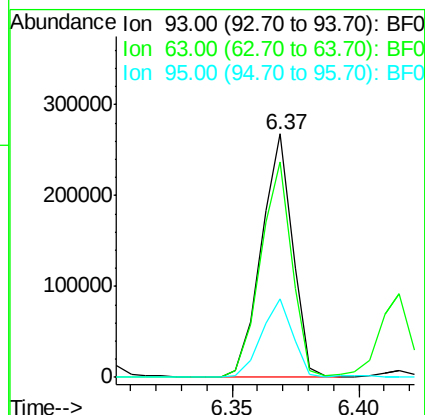
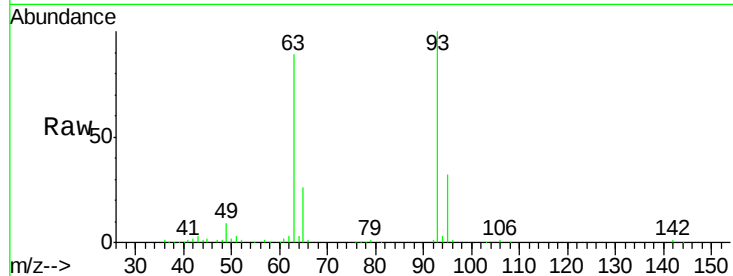




#11
bis(2-Chloroethyl)ether
Concen: 39.33 ng
RT: 6.37 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

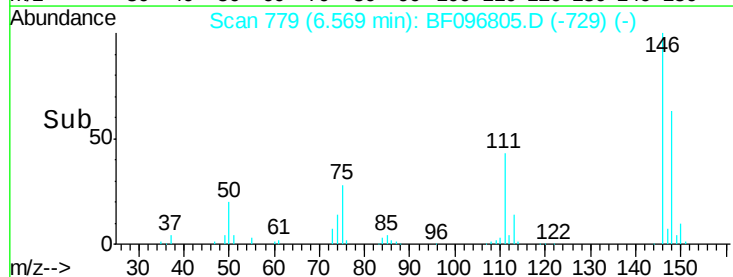
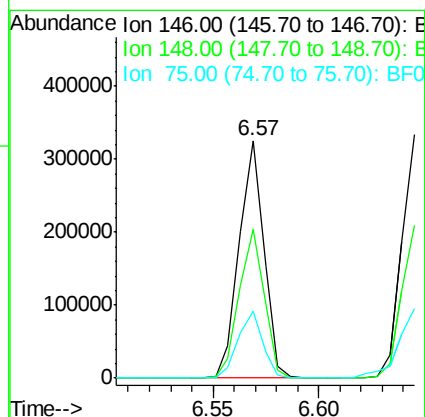
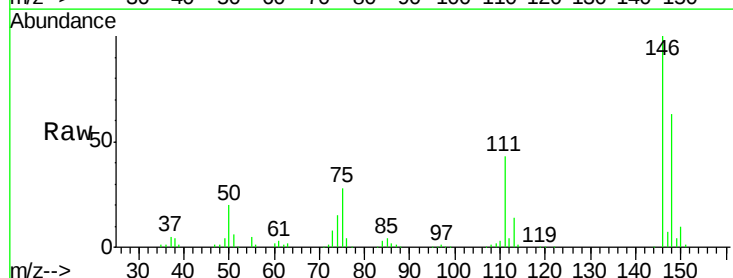
Instrument :
BNA_F
ClientSampleId :

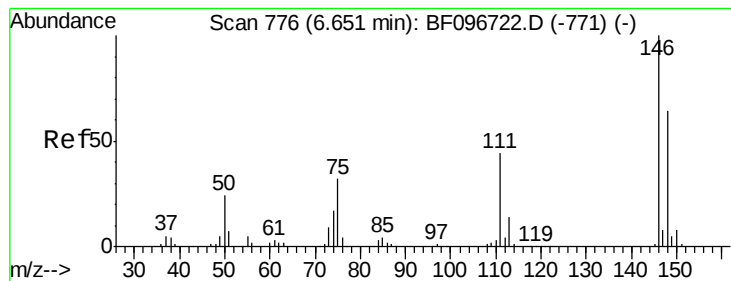
Tot Ion: 93 Resp: 228702
Ion Ratio Lower Upper
93 100
63 88.6 59.2 99.2
95 32.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 6.57 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 146 Resp: 263273
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.6
75 28.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.43 ng

RT: 6.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

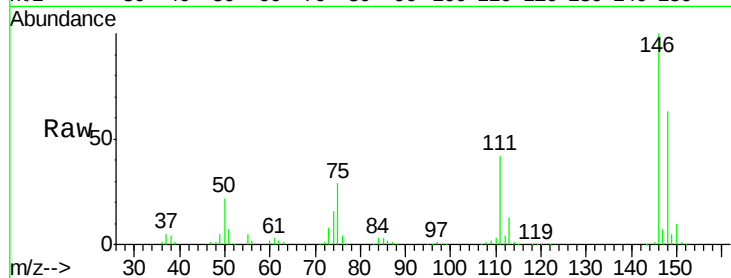
Tot Ion:146 Resp: 267611

Ion Ratio Lower Upper

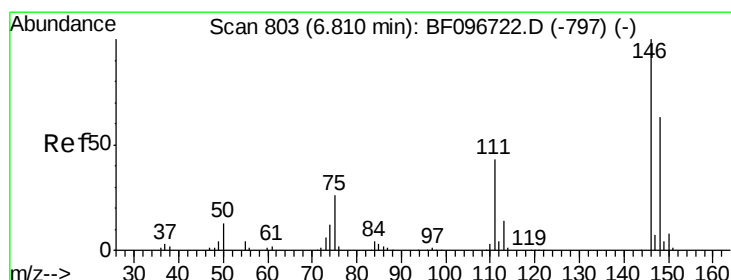
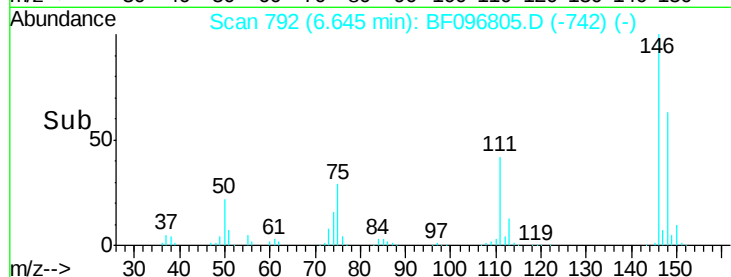
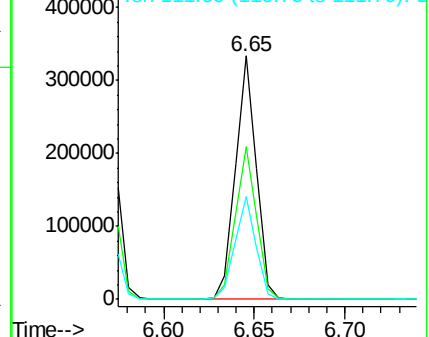
146 100

148 63.0 52.2 78.2

111 42.2 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.60 ng

RT: 6.80 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

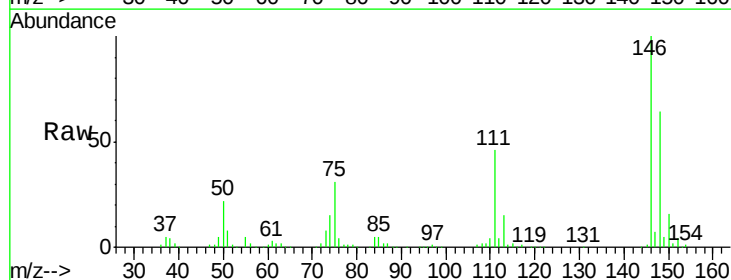
Tgt Ion:146 Resp: 238435

Ion Ratio Lower Upper

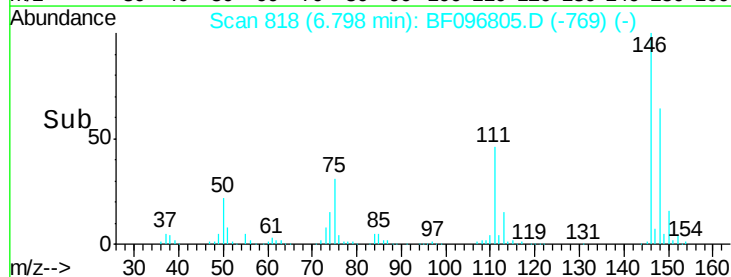
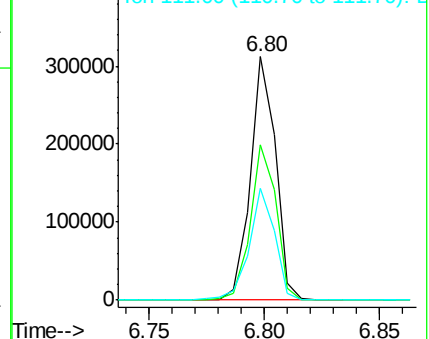
146 100

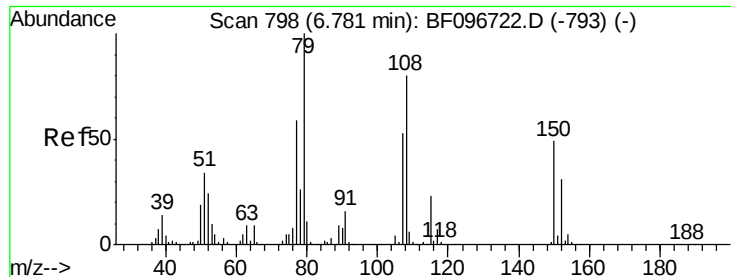
148 64.0 50.4 75.6

111 46.0 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

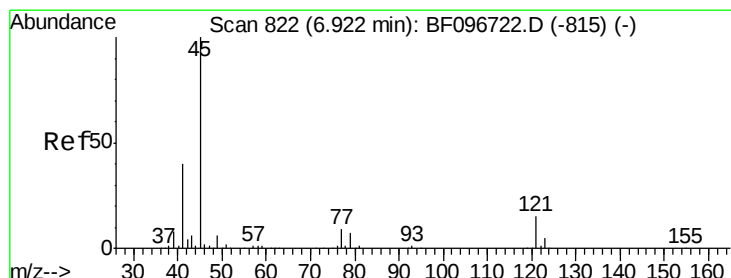
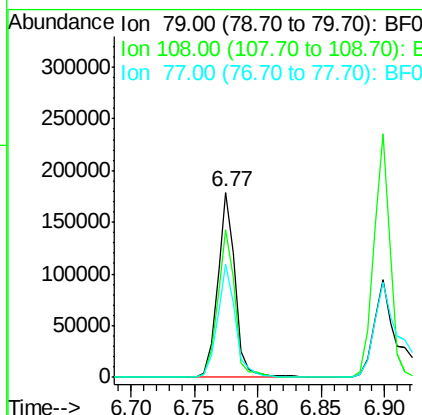
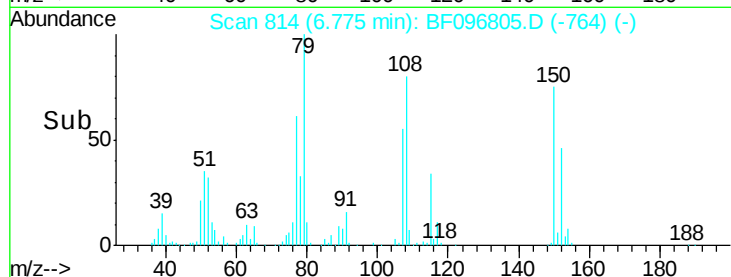
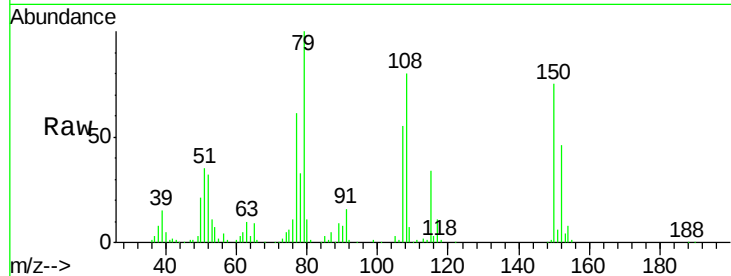




#15
Benzyl Alcohol
Concen: 38.44 ng
RT: 6.77 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

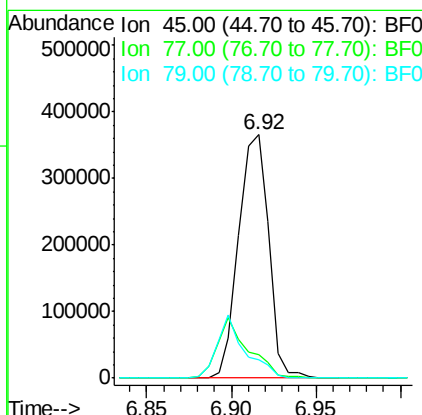
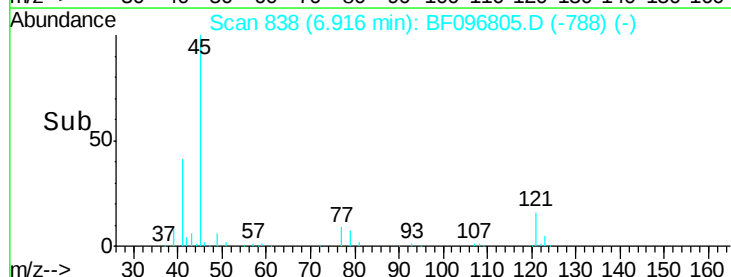
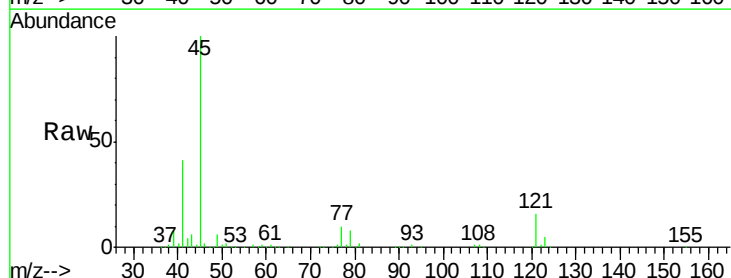
Instrument :
BNA_F
ClientSampleId :

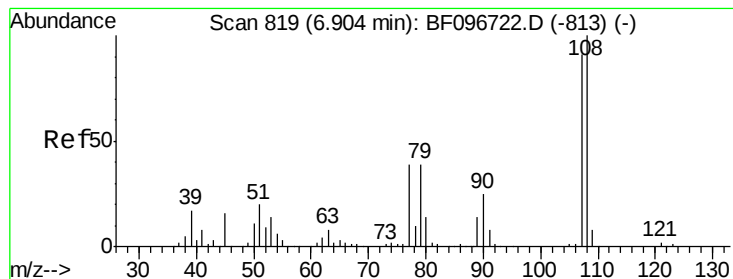
Tot Ion: 79 Resp: 172144
Ion Ratio Lower Upper
79 100
108 80.0 63.4 95.0
77 61.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.96 ng
RT: 6.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 45 Resp: 455485
Ion Ratio Lower Upper
45 100
77 9.9 0.0 33.2
79 7.7 0.0 30.0





#17

2-Methylphenol

Concen: 38.20 ng

RT: 6.90 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 182651

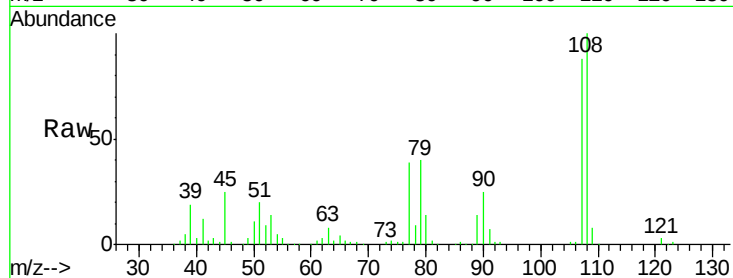
Ion Ratio Lower Upper

107 100

108 113.3 93.4 140.0

77 44.2 35.8 53.6

79 45.3 34.8 52.2

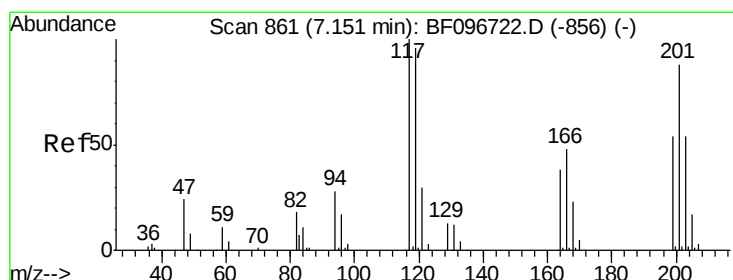
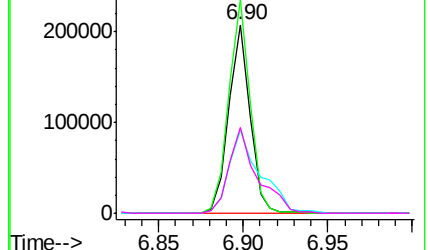
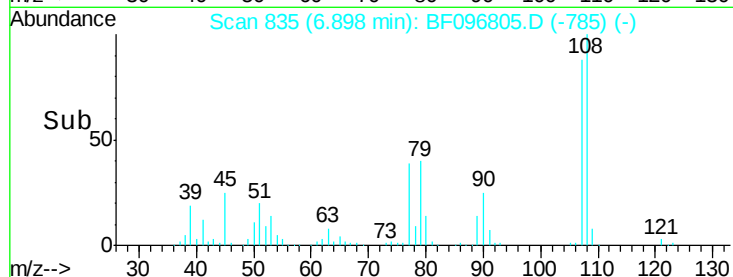


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.13 ng

RT: 7.14 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

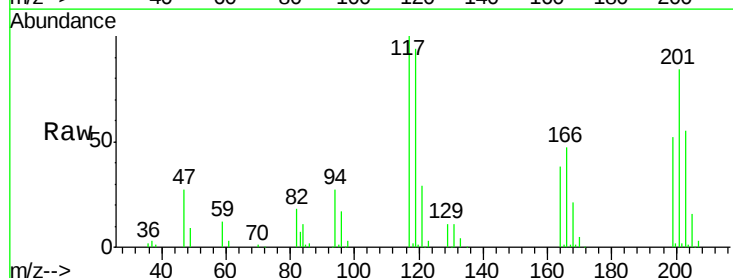
Tgt Ion:117 Resp: 75422

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

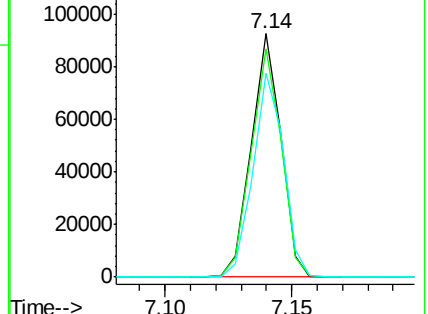
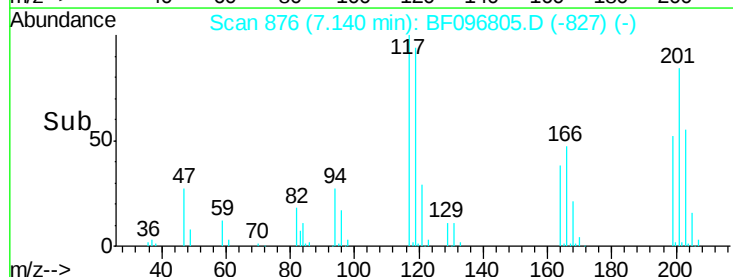
201 83.6 94.6 141.8#

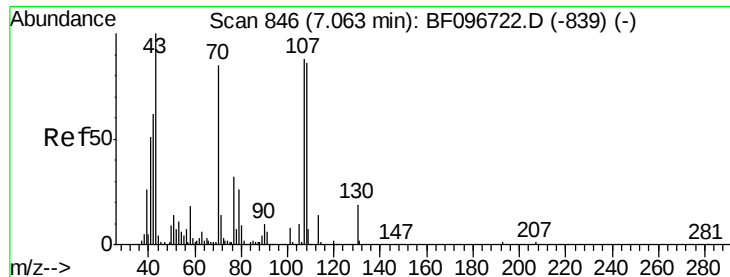


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

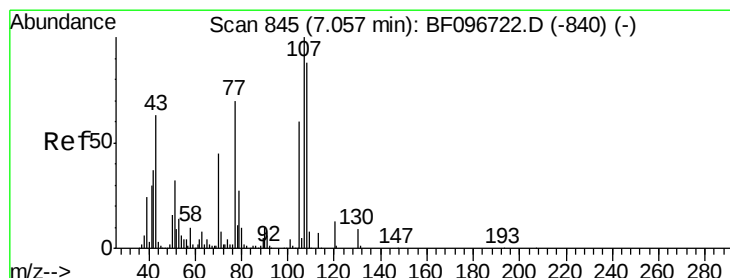
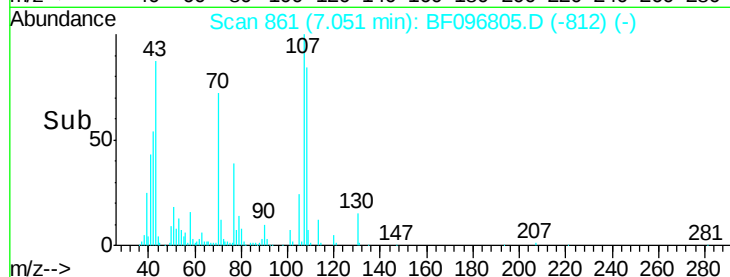
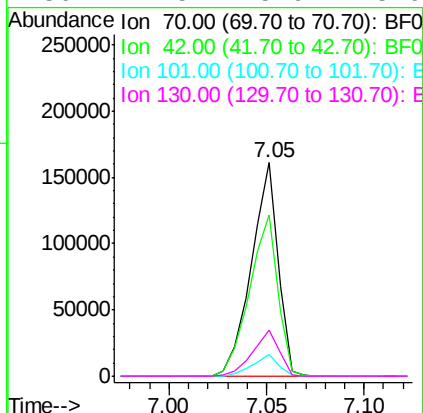
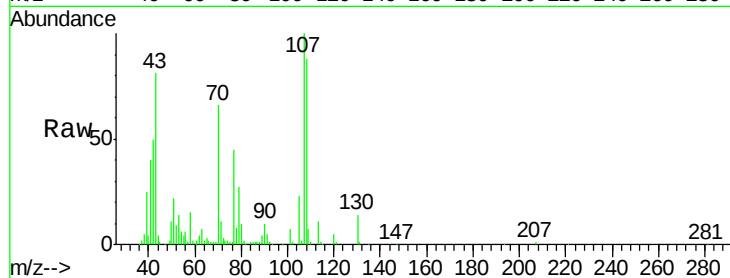




#19
n-Nitroso-di-n-propylamine
Concen: 37.23 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

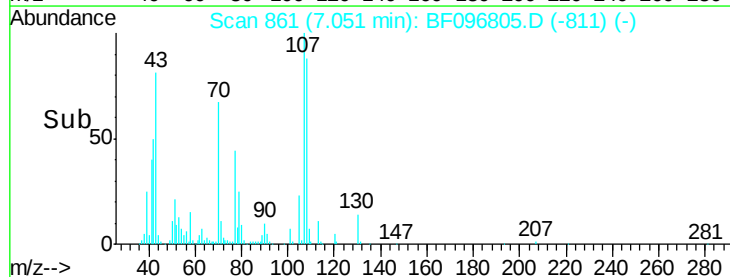
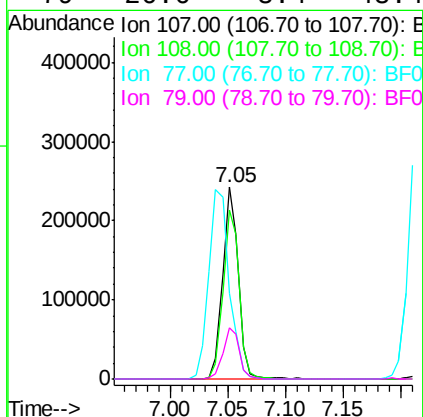
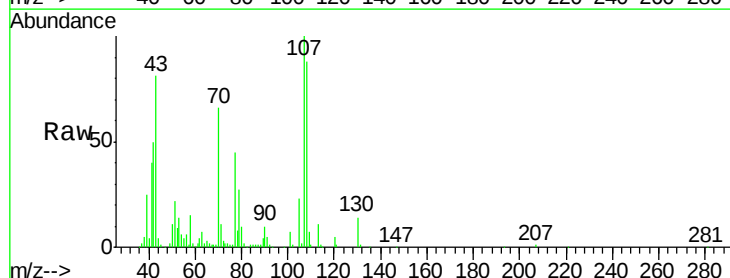
Instrument :
BNA_F
ClientSampleId :

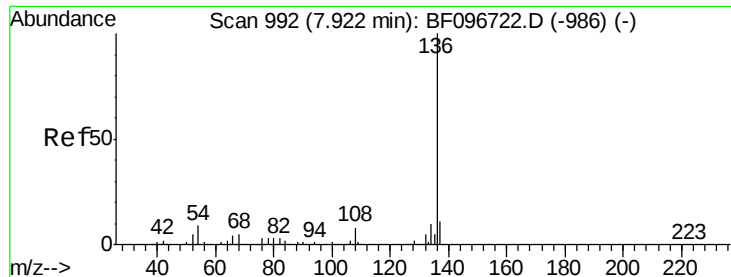
Tot Ion: 70 Resp: 153414
Ion Ratio Lower Upper
70 100
42 75.4 47.2 70.8#
101 10.3 7.2 10.8
130 21.5 15.9 23.9



#20
3+4-Methylphenols
Concen: 39.35 ng
RT: 7.05 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 107 Resp: 228336
Ion Ratio Lower Upper
107 100
108 88.1 71.0 111.0
77 45.0 90.5 130.5#
79 26.6 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: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 330948

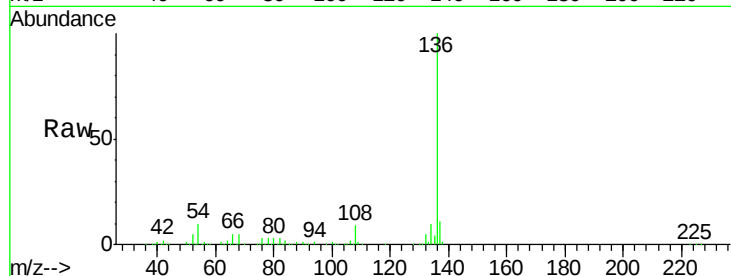
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 10.1 4.9 7.3#

68 4.8 4.1 6.1

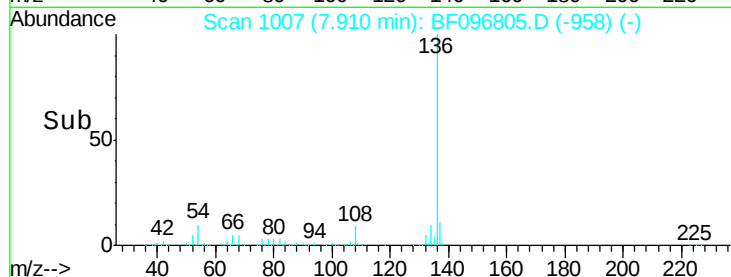


Abundance Ion 136.00 (135.70 to 136.70): E

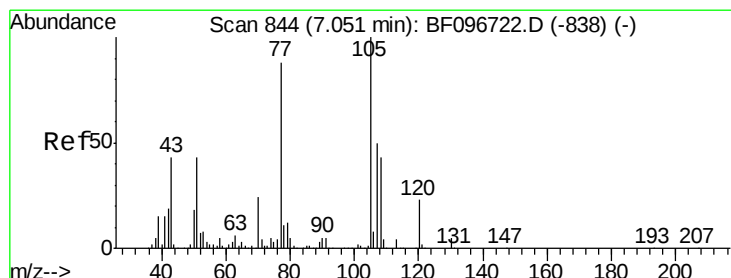
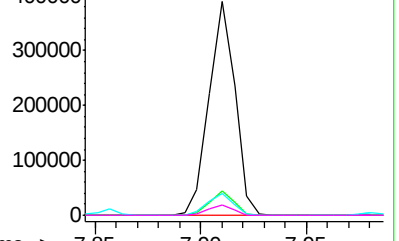
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 41.85 ng

RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Tgt Ion:105 Resp: 309527

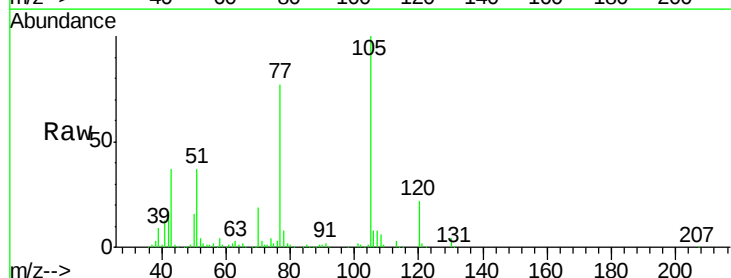
Ion Ratio Lower Upper

105 100

71 3.3 2.8 4.2

51 36.9 30.7 46.1

120 21.5 17.4 26.0

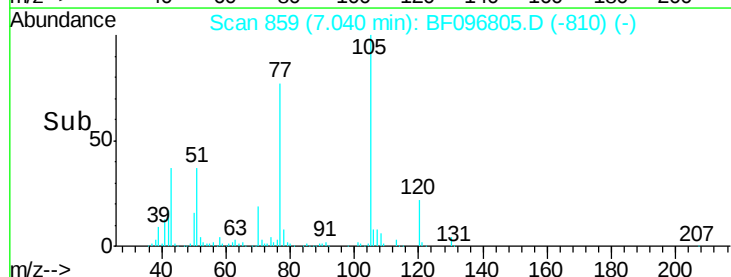


Abundance Ion 105.00 (104.70 to 105.70): E

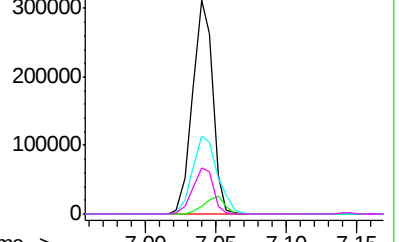
Ion 71.00 (70.70 to 71.70): BF0

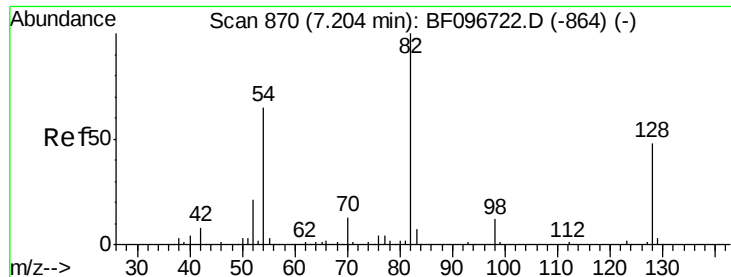
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

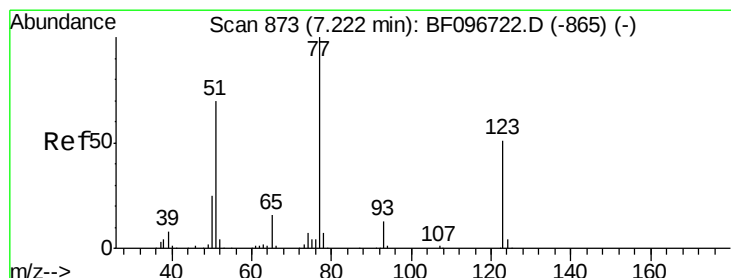
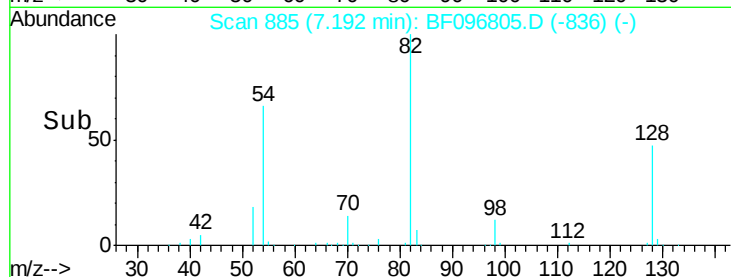
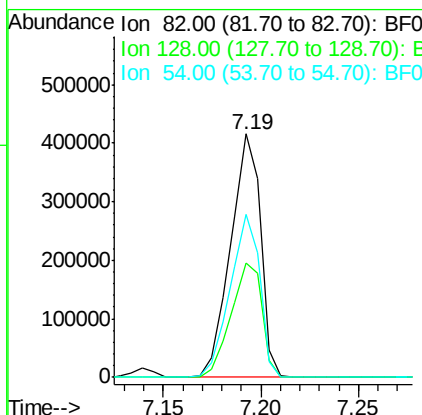
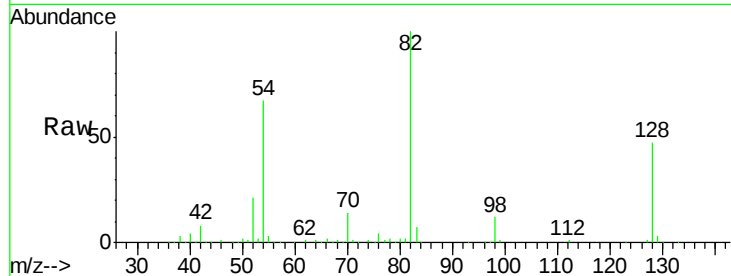




#23
 Nitrobenzene-d5
 Concen: 82.70 ng
 RT: 7.19 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

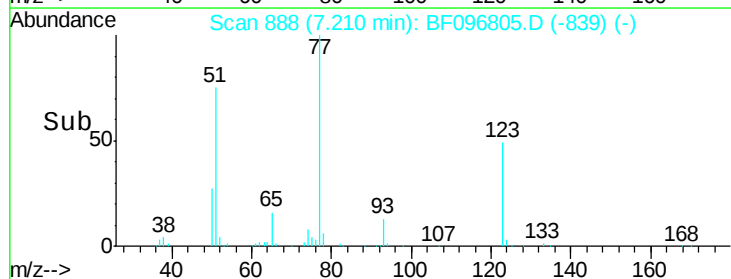
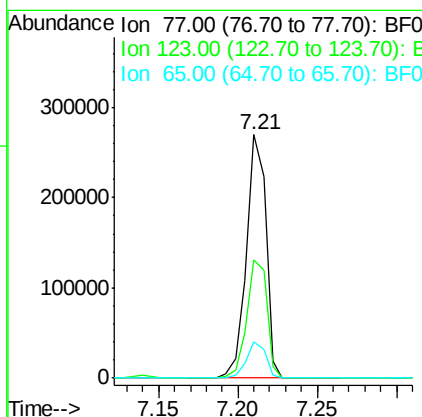
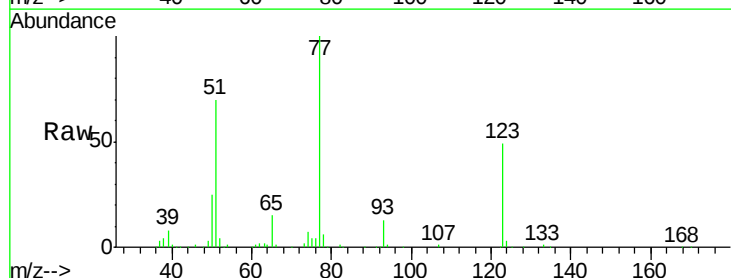
Instrument :
 BNA_F
 ClientSampleId :

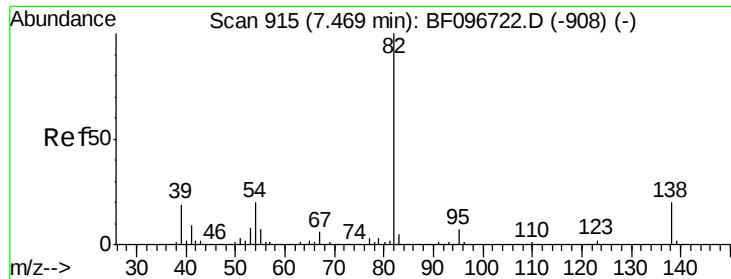
Tot Ion: 82 Resp: 441856
 Ion Ratio Lower Upper
 82 100
 128 46.9 34.0 51.0
 54 66.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 41.60 ng
 RT: 7.21 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion: 77 Resp: 229893
 Ion Ratio Lower Upper
 77 100
 123 48.6 35.8 53.8
 65 14.8 10.6 15.8





#25

Isophorone

Concen: 39.51 ng

RT: 7.46 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampled :

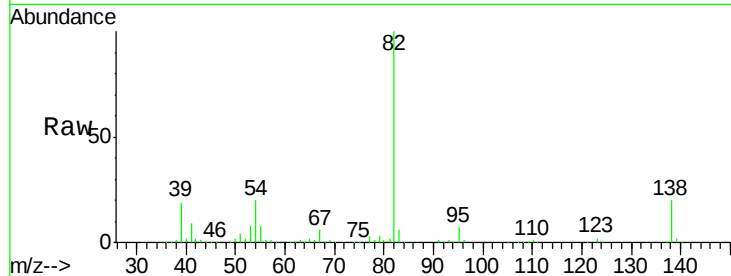
Tot Ion: 82 Resp: 392665

Ion Ratio Lower Upper

82 100

95 7.4 5.3 7.9

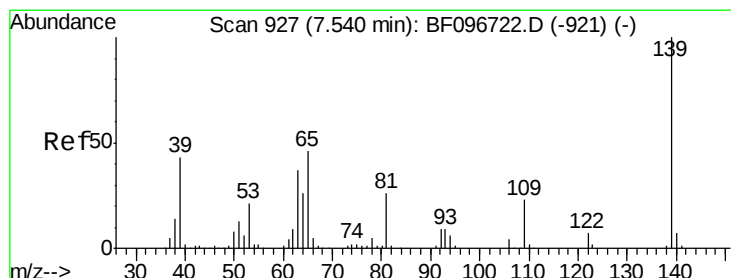
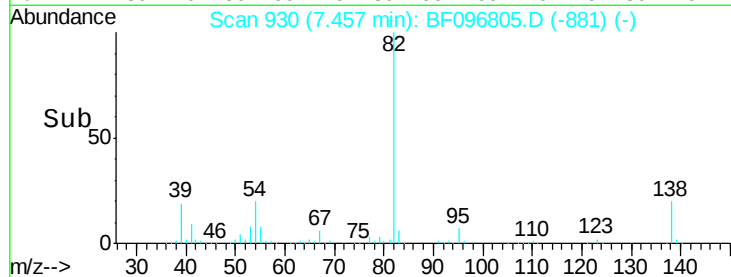
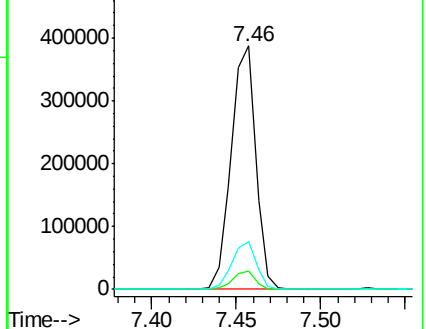
138 19.6 13.1 19.7



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: 35.67 ng

RT: 7.53 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

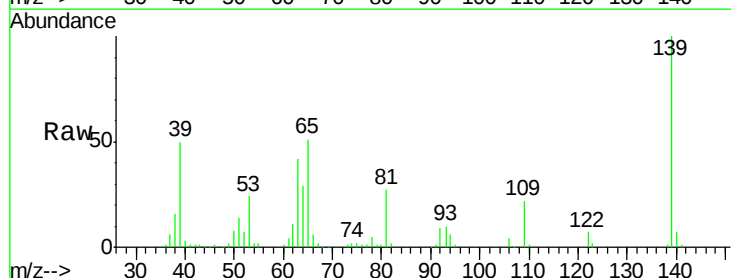
Tgt Ion: 139 Resp: 109611

Ion Ratio Lower Upper

139 100

109 22.4 21.0 31.6

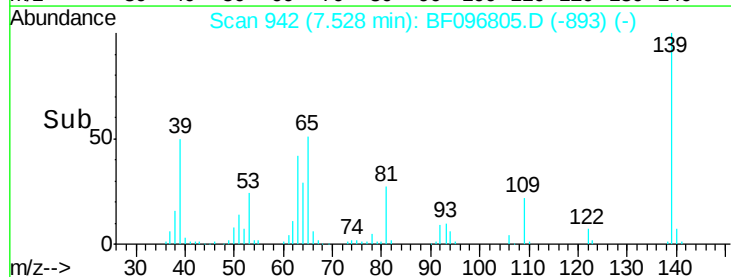
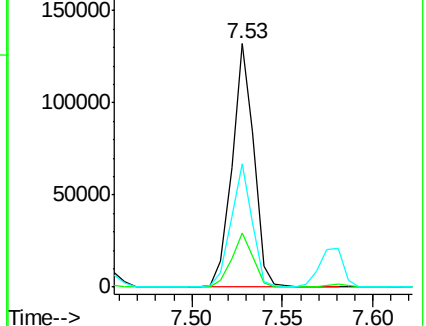
65 50.9 33.0 49.6#

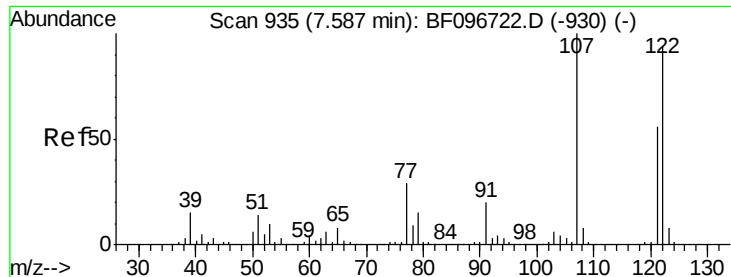


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

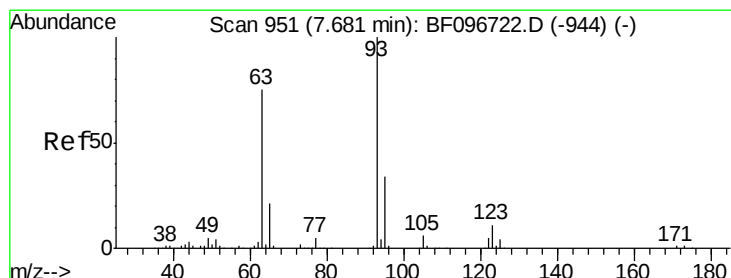
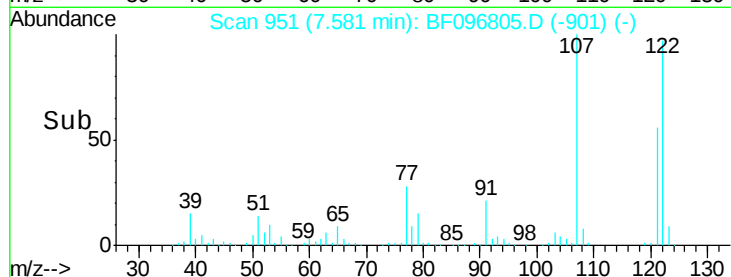
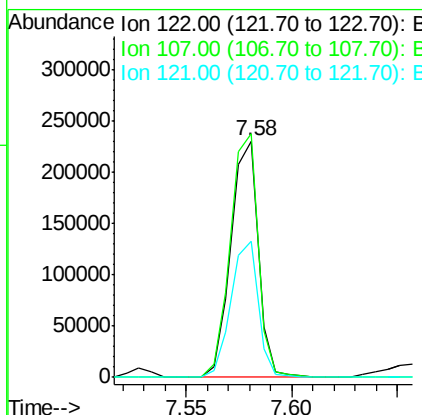
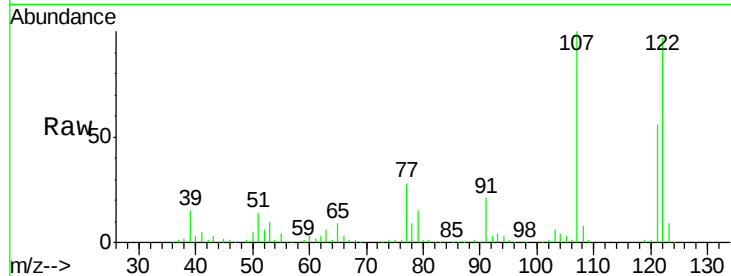




#27
 2,4-Dimethylphenol
 Concen: 40.87 ng
 RT: 7.58 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

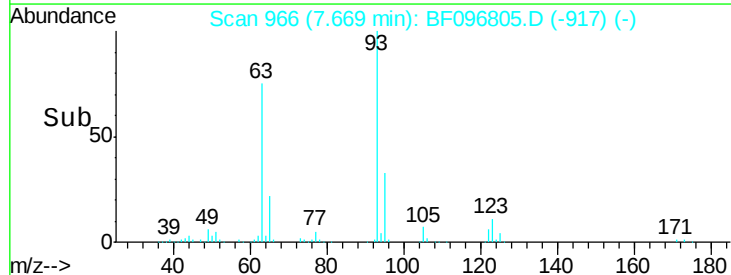
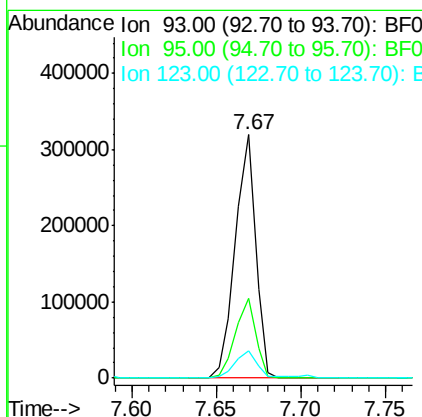
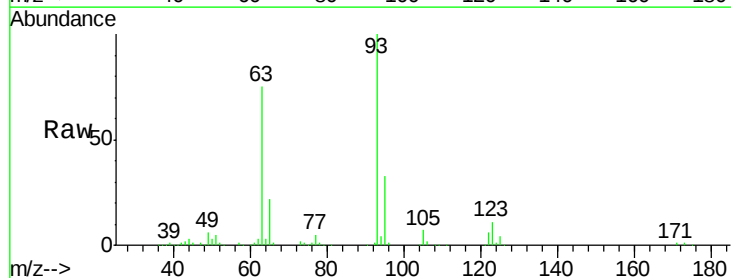
Instrument :
 BNA_F
 ClientSampleId :

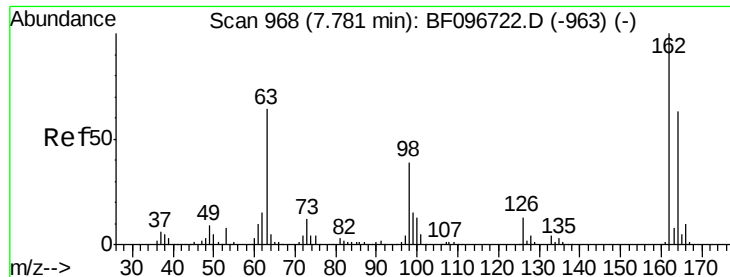
Tot Ion:122 Resp: 206609
 Ion Ratio Lower Upper
 122 100
 107 103.0 89.2 133.8
 121 57.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.29 ng
 RT: 7.67 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion: 93 Resp: 270578
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.5 9.0 13.4

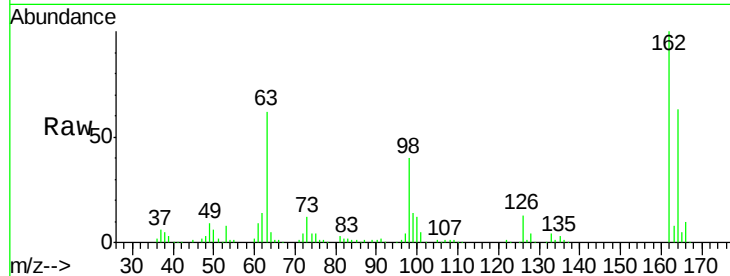




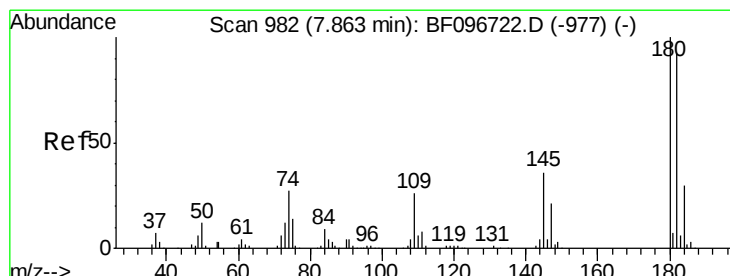
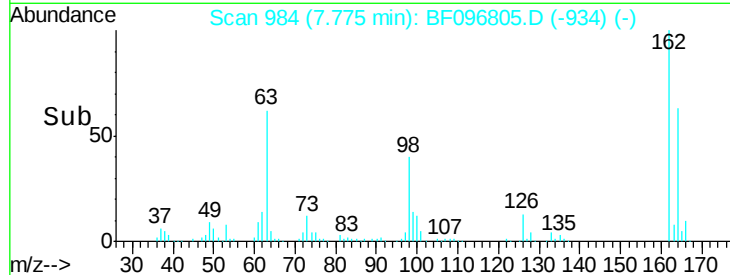
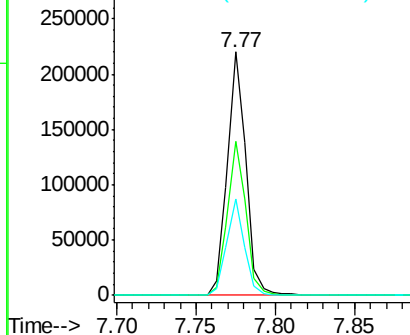
#29
2,4-Dichlorophenol
Concen: 39.04 ng
RT: 7.77 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	39.7	14.8	54.8

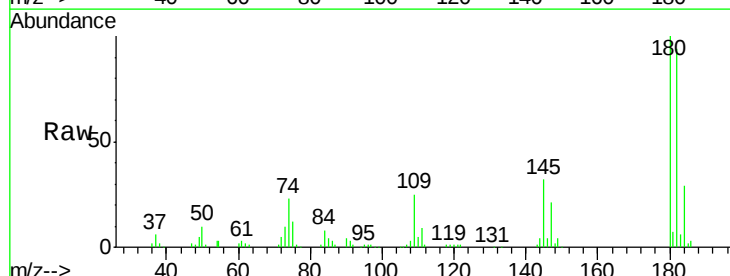


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

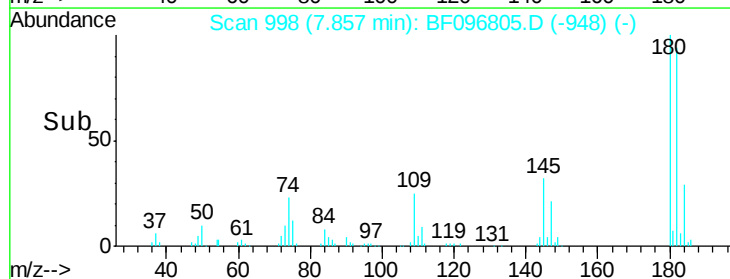
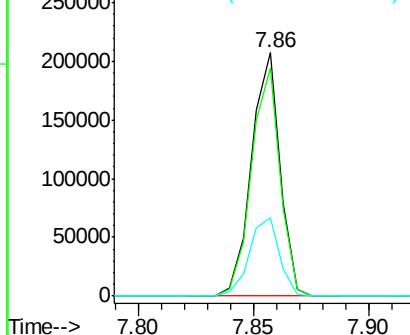


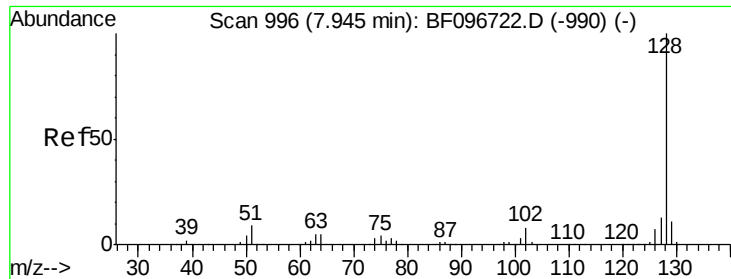
#30
1,2,4-Trichlorobenzene
Concen: 41.14 ng
RT: 7.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	32.4	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

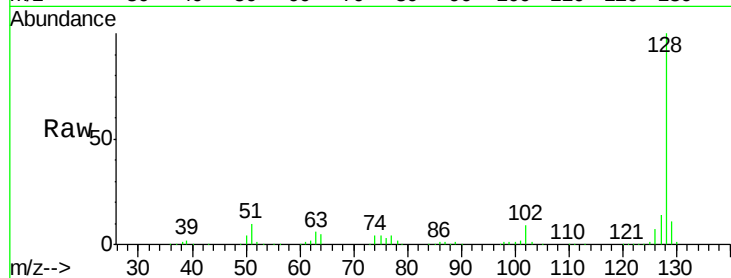




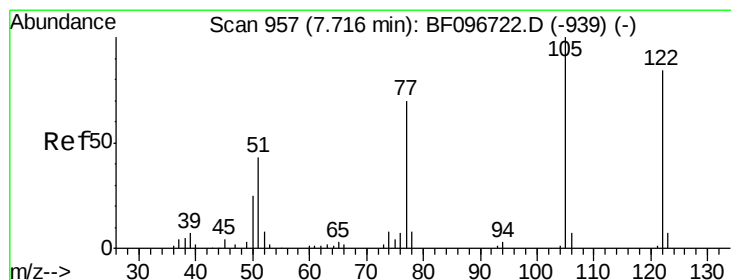
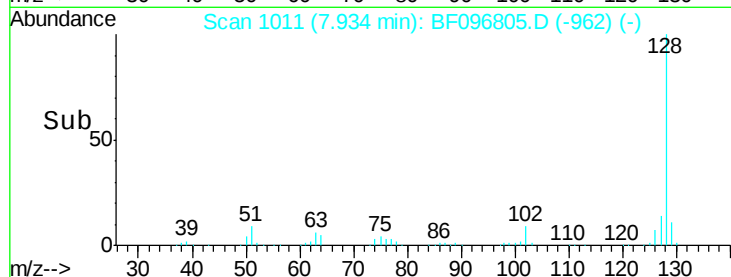
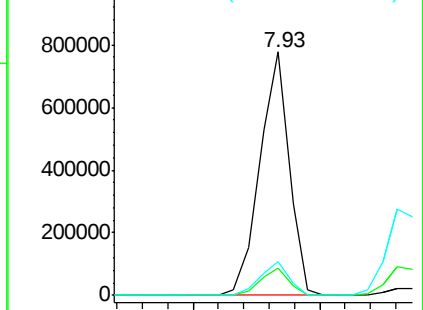
#31
Naphthalene
Concen: 40.31 ng
RT: 7.93 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 632002
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.8 16.2

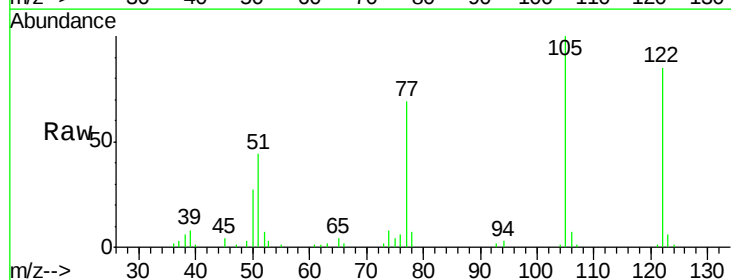


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

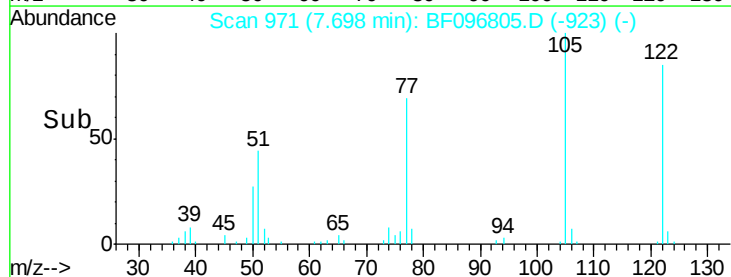
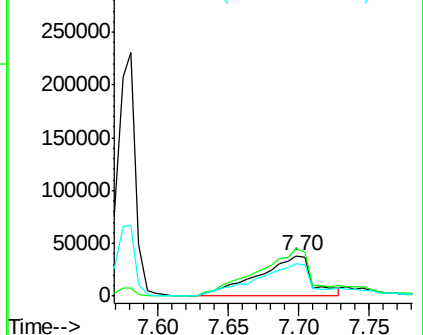


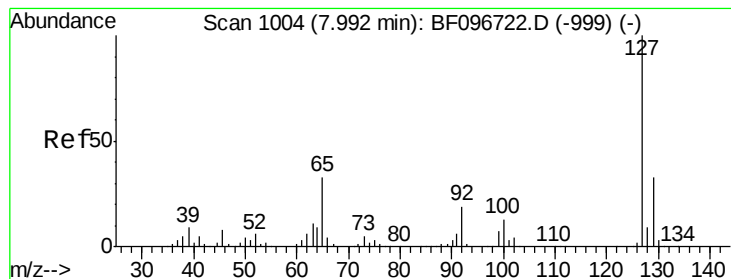
#32
Benzoic acid
Concen: 32.15 ng
RT: 7.70 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion:122 Resp: 103879
Ion Ratio Lower Upper
122 100
105 117.0 103.3 143.3
77 81.2 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: 40.40 ng

RT: 7.98 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 250961

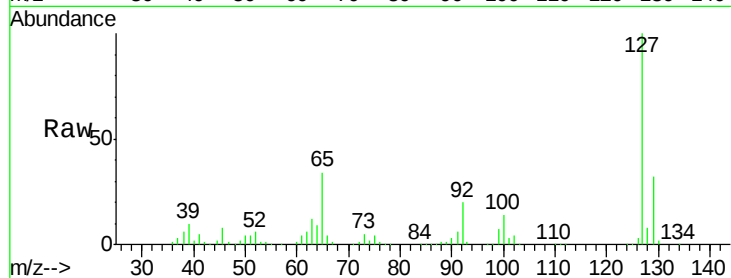
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.2

65 34.0 27.8 41.8

92 20.2 16.8 25.2

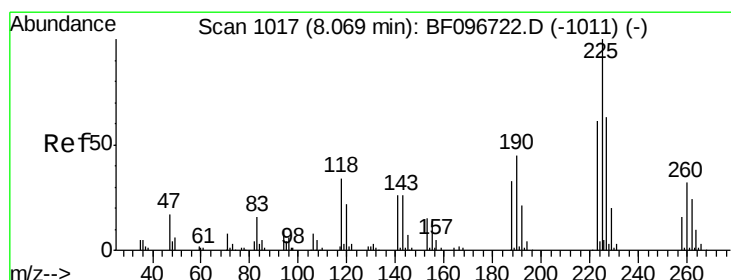
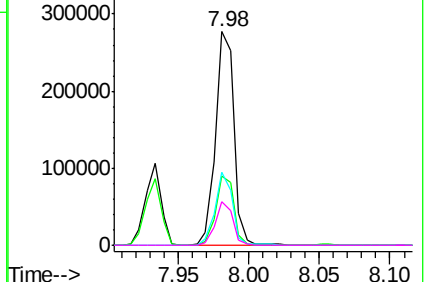
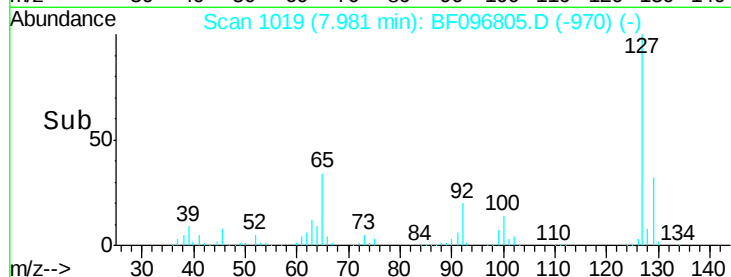


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.98 ng

RT: 8.06 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

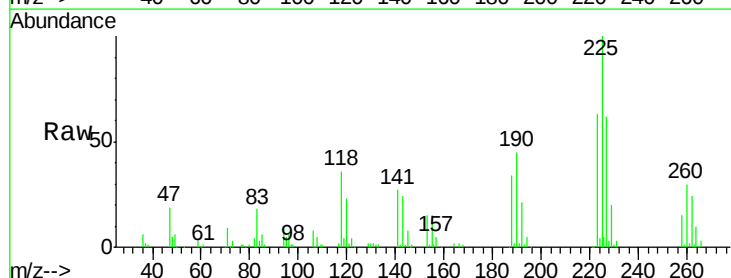
Tgt Ion:225 Resp: 97496

Ion Ratio Lower Upper

225 100

223 63.4 48.8 73.2

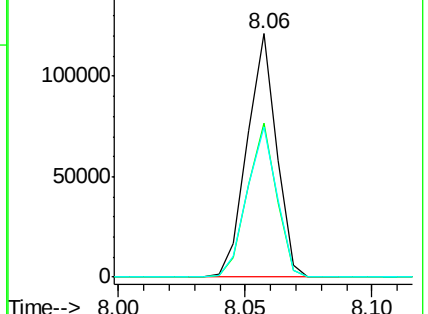
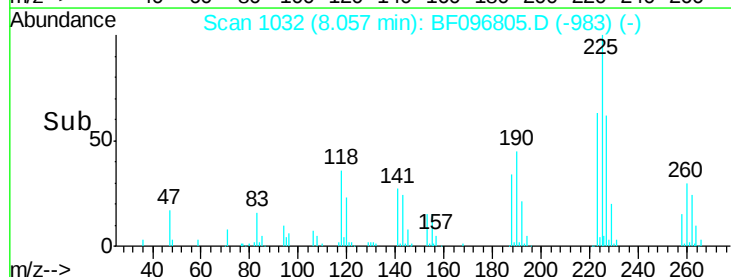
227 61.7 51.1 76.7

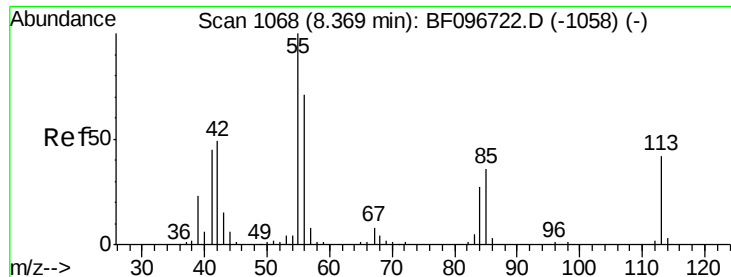


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.62 ng

RT: 8.35 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

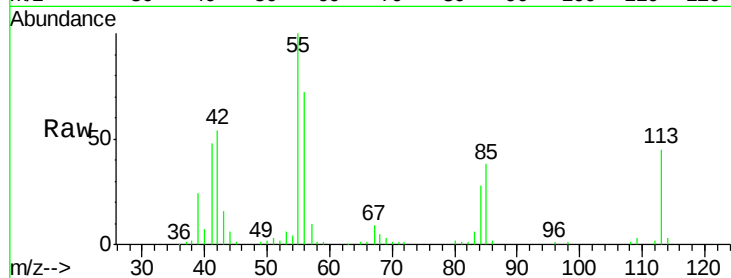
Tot Ion:113 Resp: 53694

Ion Ratio Lower Upper

113 100

55 223.9 150.2 190.2#

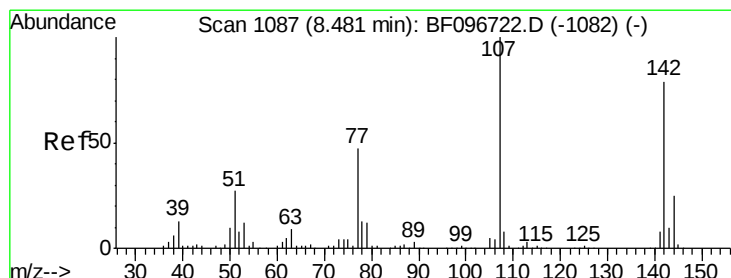
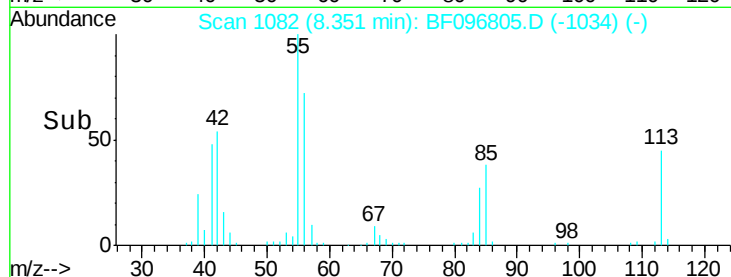
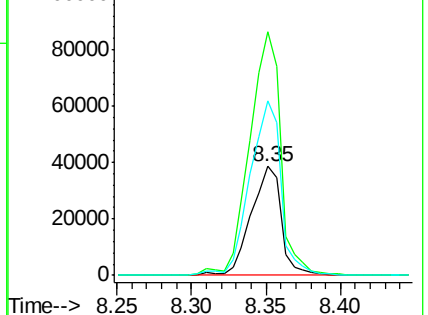
56 160.9 107.8 147.8#



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: 36.80 ng

RT: 8.47 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

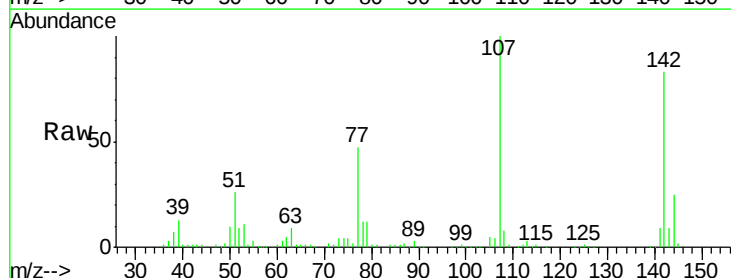
Tgt Ion:107 Resp: 181061

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

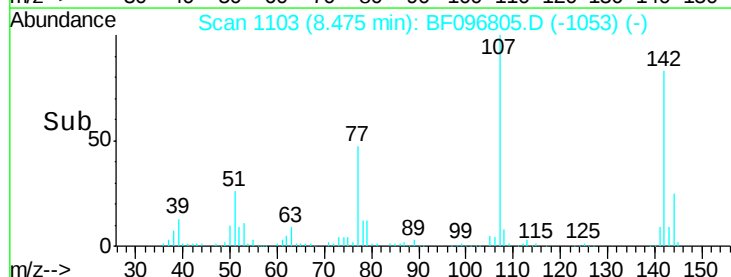
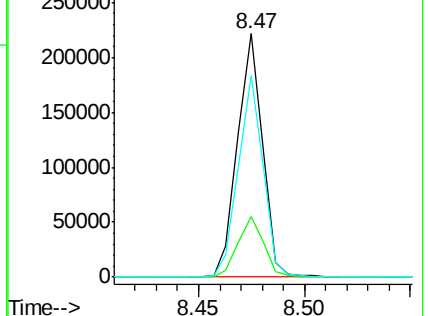
142 82.8 73.4 110.0

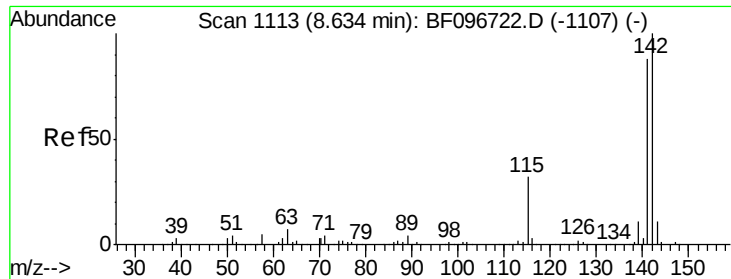


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

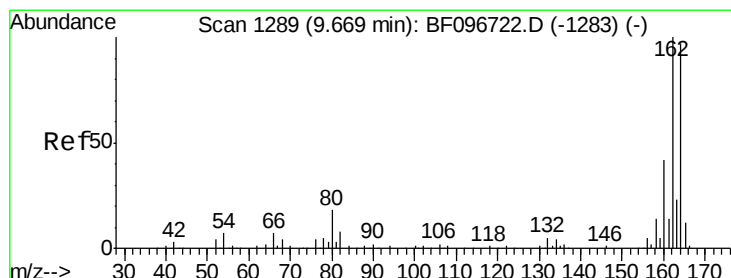
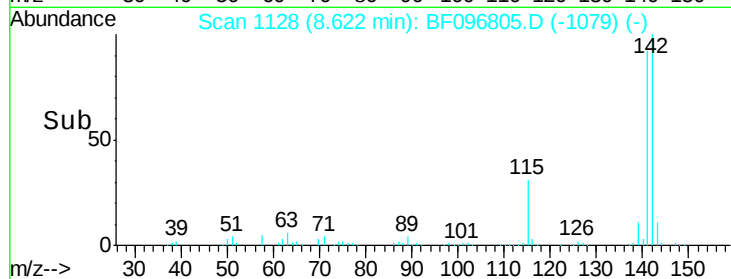
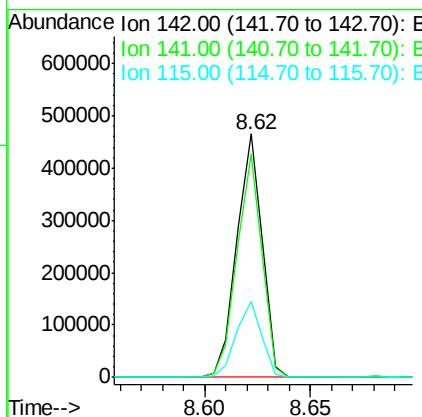
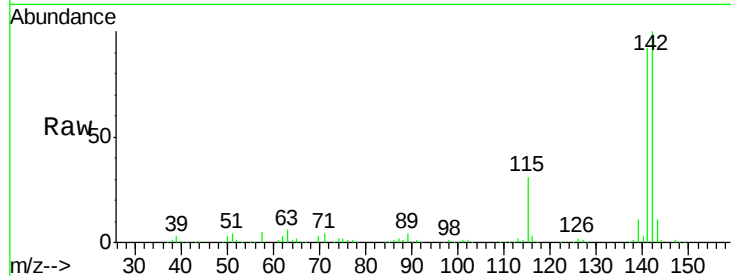




#37
 2-Methylnaphthalene
 Concen: 38.43 ng
 RT: 8.62 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

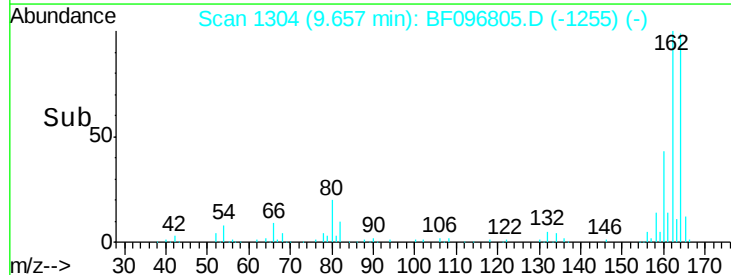
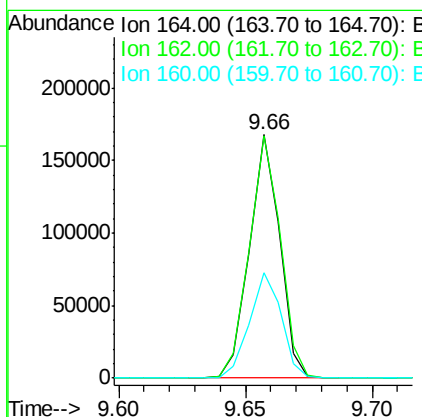
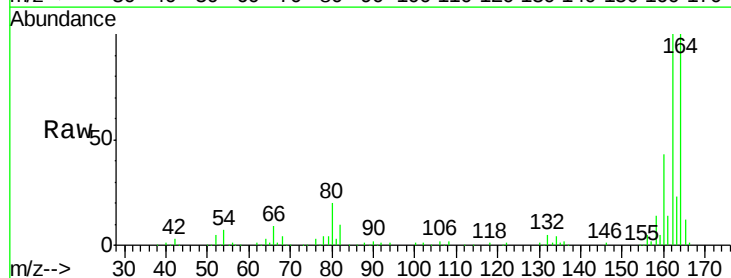
Instrument :
 BNA_F
 ClientSampleId :

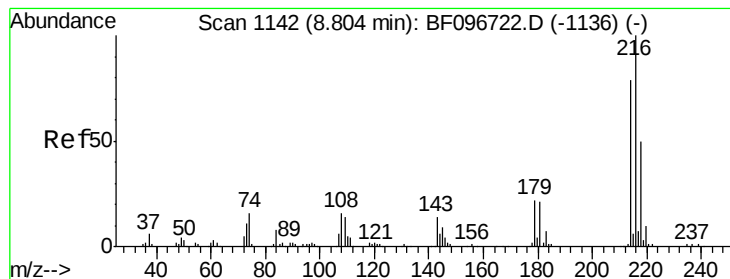
Tot Ion:142 Resp: 384076
 Ion Ratio Lower Upper
 142 100
 141 91.7 71.3 106.9
 115 31.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:164 Resp: 139984
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 123.8
 160 43.2 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.99 ng

RT: 8.79 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 155121

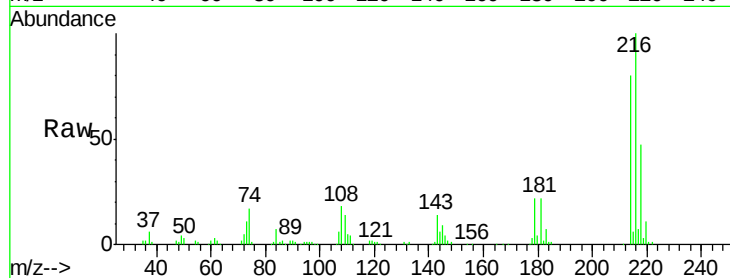
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.4 17.9 26.9

108 18.5 16.5 24.7

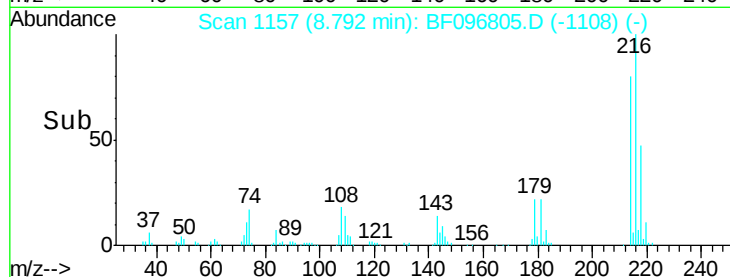


Abundance Ion 216.00 (215.70 to 216.70): E

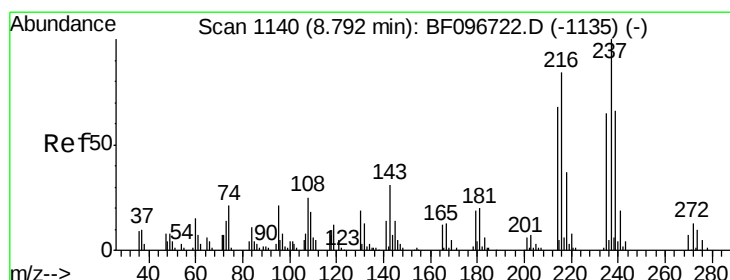
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 8.35 ng

RT: 8.78 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

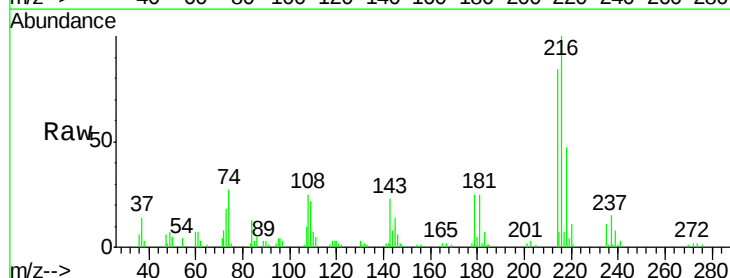
Tgt Ion:237 Resp: 5112

Ion Ratio Lower Upper

237 100

235 71.7 42.6 82.6

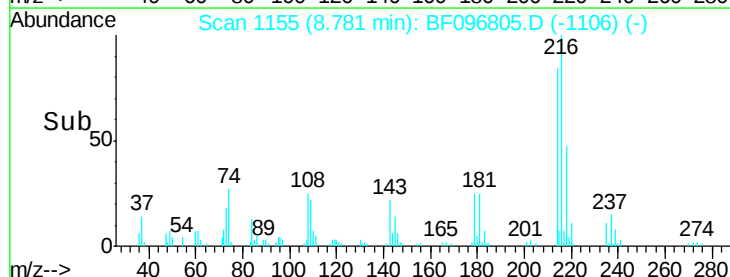
272 12.9 0.0 31.9



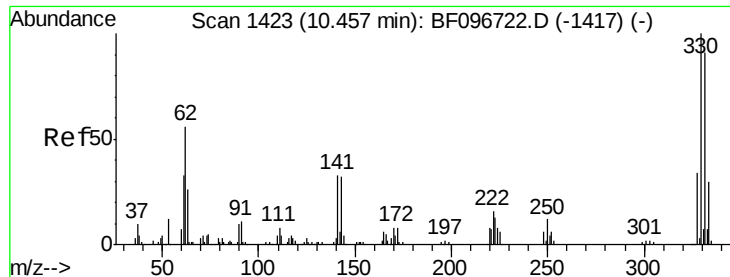
Abundance Ion 236.80 (236.50 to 237.50): E

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: 76.97 ng

RT: 10.45 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampled :

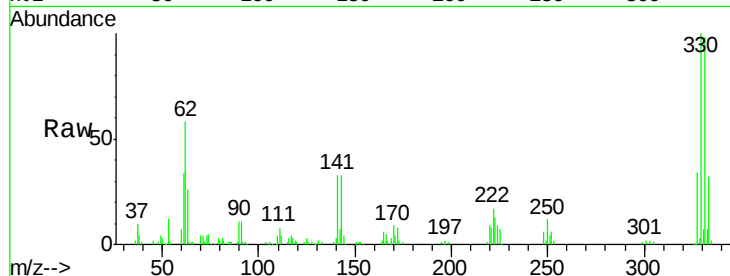
Tot Ion:330 Resp: 91965

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

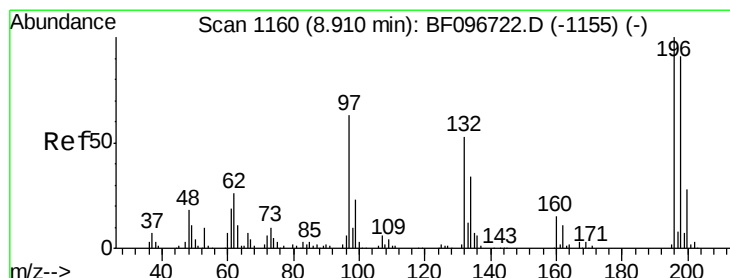
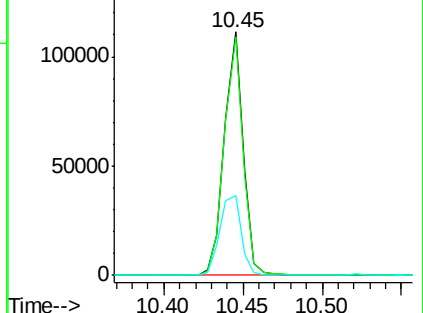
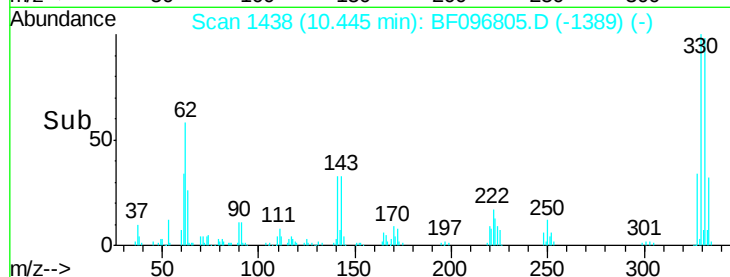
141 37.4 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.26 ng

RT: 8.90 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

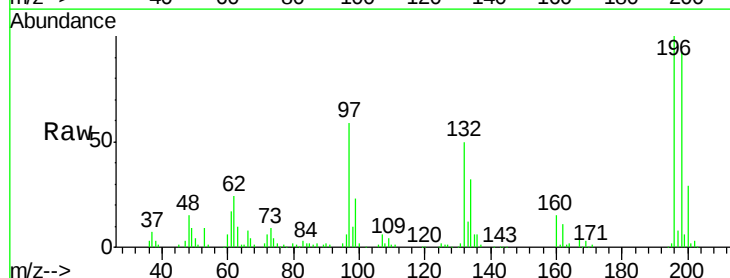
Tgt Ion:196 Resp: 106798

Ion Ratio Lower Upper

196 100

198 93.1 74.2 111.4

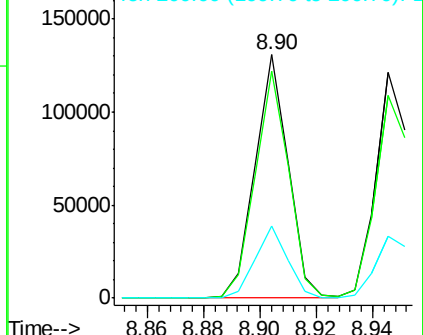
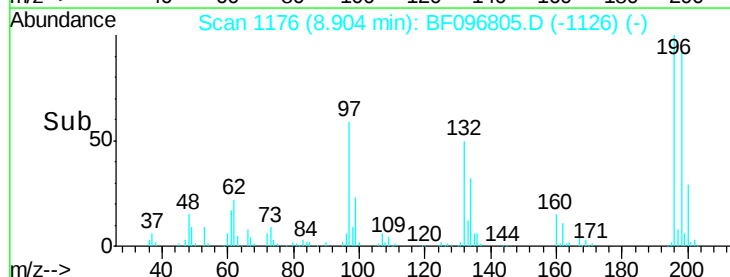
200 29.5 24.0 36.0

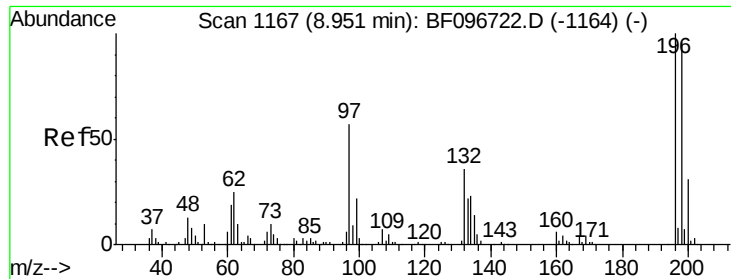


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

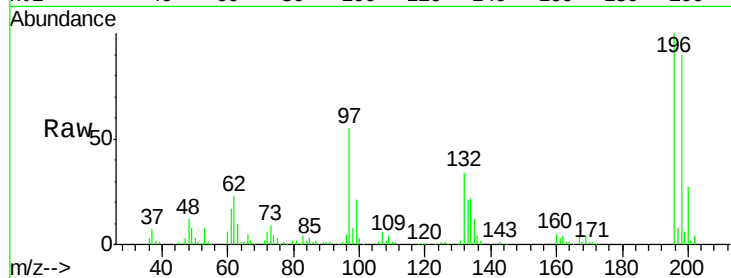




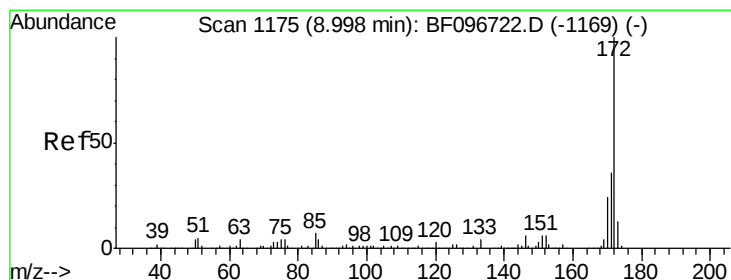
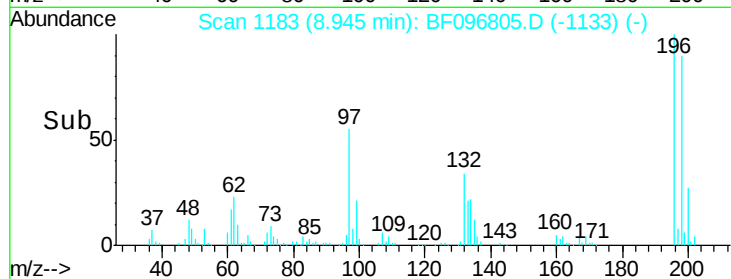
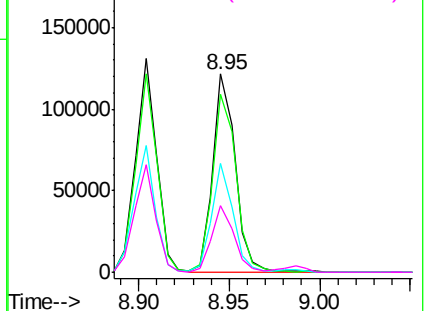
#43
 2,4,5-Trichlorophenol
 Concen: 37.29 ng
 RT: 8.95 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	104970
Ion Ratio	Lower	Upper
196	100	
198	89.6	75.7 113.5
97	54.7	47.7 71.5
132	33.7	28.0 42.0

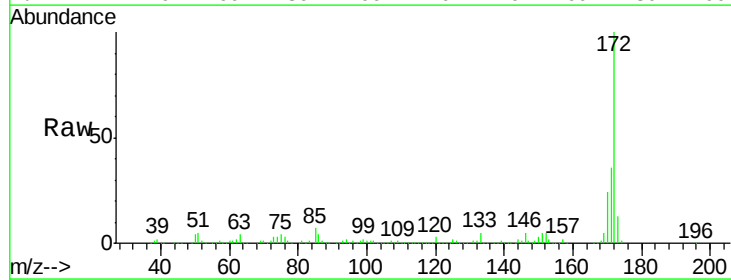


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

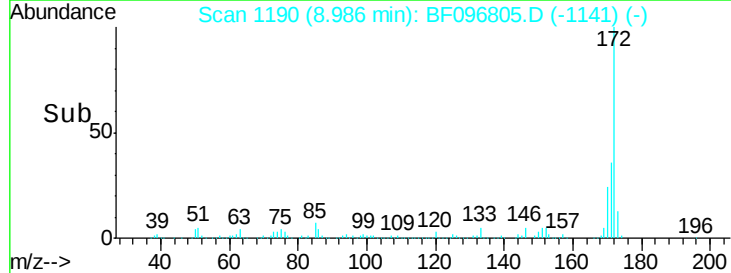
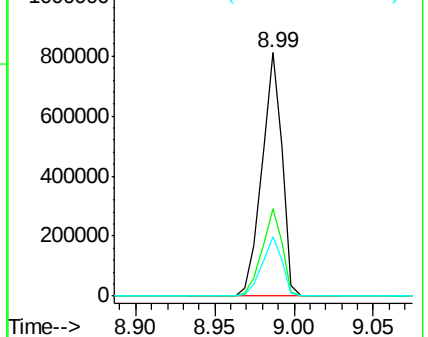


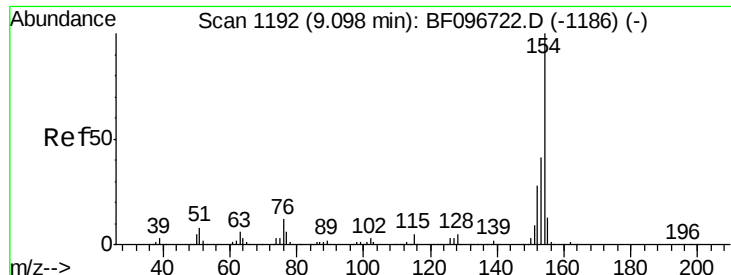
#44
 2-Fluorobiphenyl
 Concen: 81.44 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:172	Resp:	721574
Ion Ratio	Lower	Upper
172	100	
171	36.0	29.6 44.4
170	24.3	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

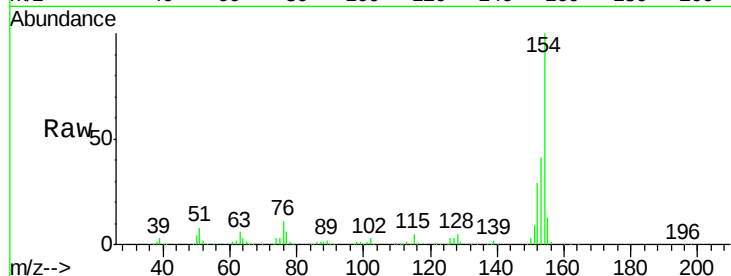




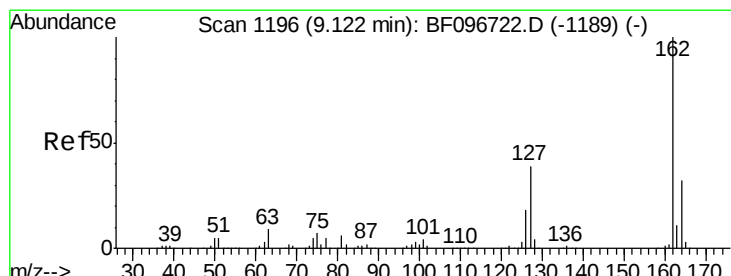
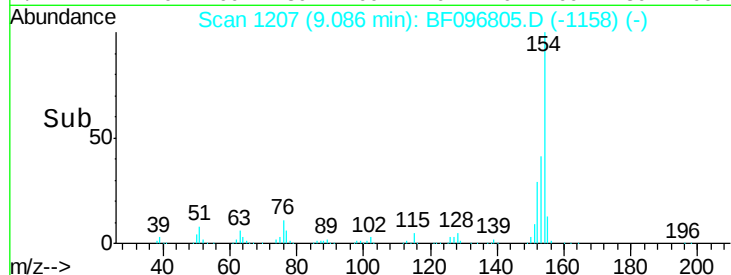
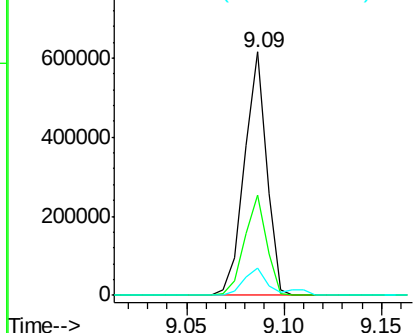
#45
 1,1'-Biphenyl
 Concen: 40.49 ng
 RT: 9.09 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	11.3	0.0	29.9

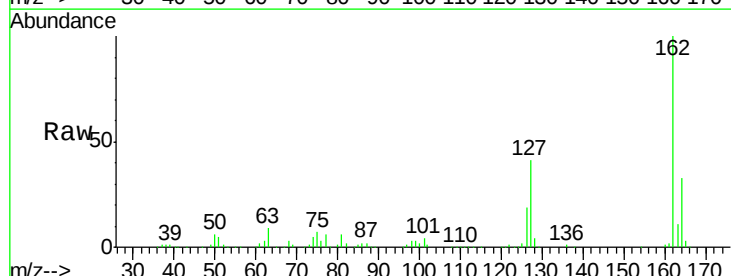


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

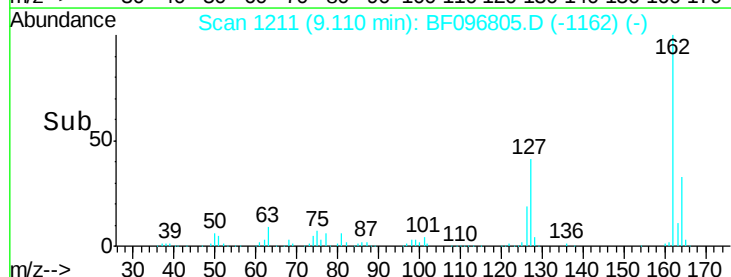
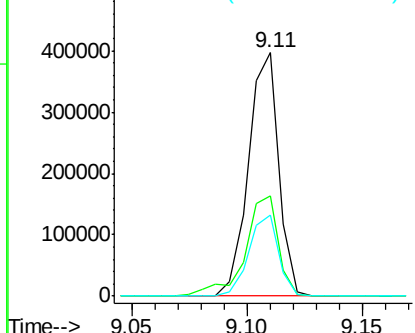


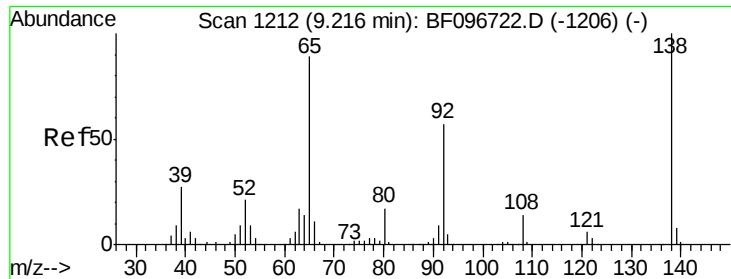
#46
 2-Chloronaphthalene
 Concen: 41.10 ng
 RT: 9.11 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	28.3	42.5
164	33.3	27.0	40.4



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

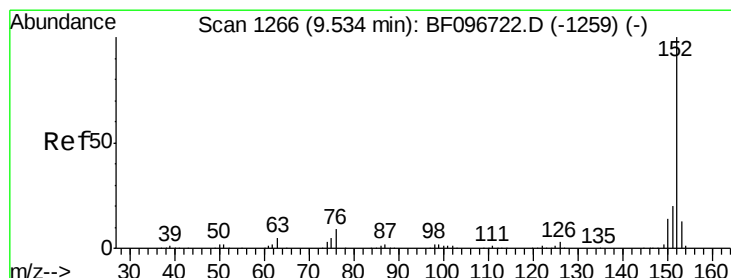
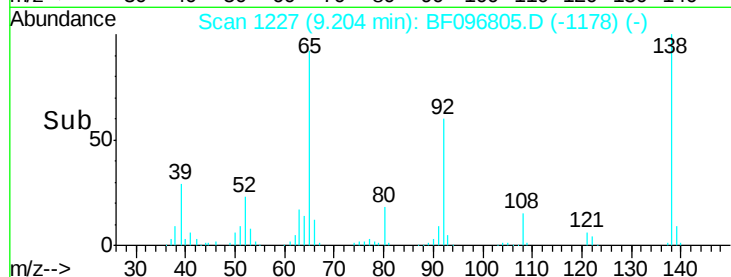
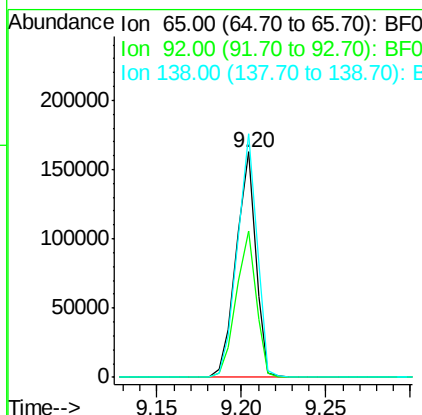
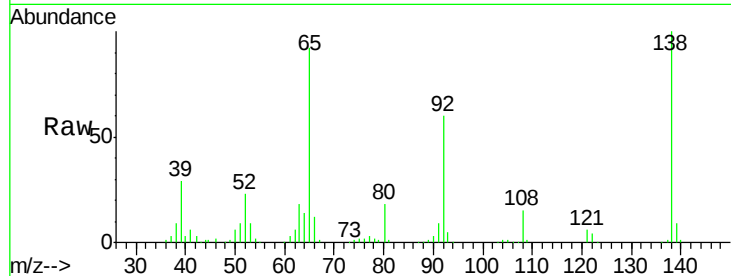




#47
 2-Nitroaniline
 Concen: 43.20 ng
 RT: 9.20 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

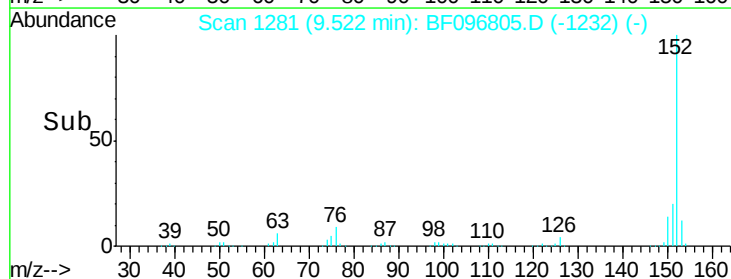
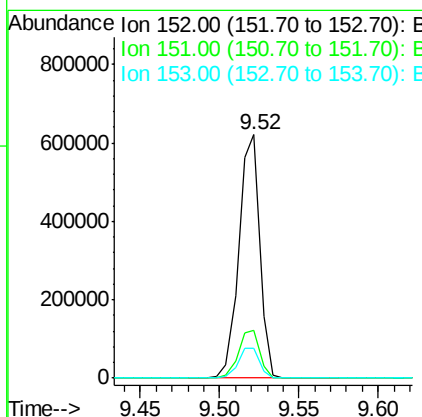
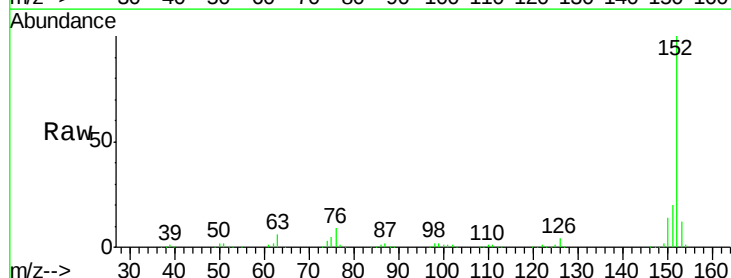
Instrument :
 BNA_F
 ClientSampleId :

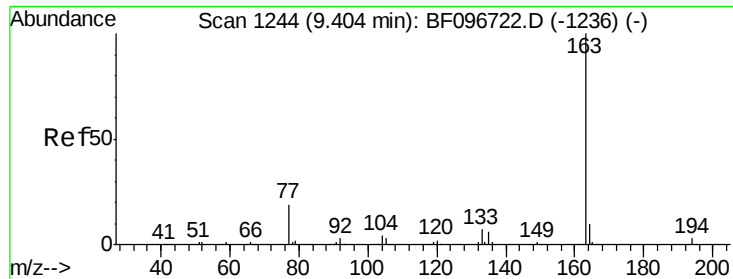
Tot Ion: 65 Resp: 131277
 Ion Ratio Lower Upper
 65 100
 92 65.1 53.9 80.9
 138 108.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.10 ng
 RT: 9.52 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion: 152 Resp: 564807
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.8 25.2
 153 12.5 10.8 16.2

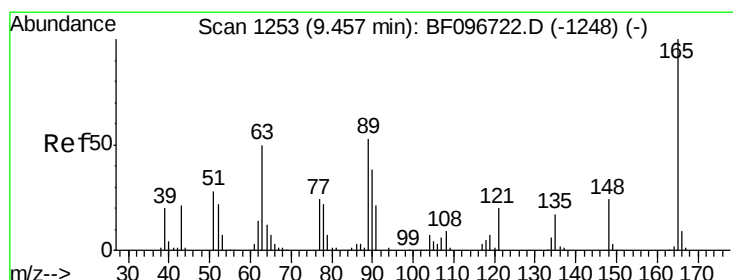
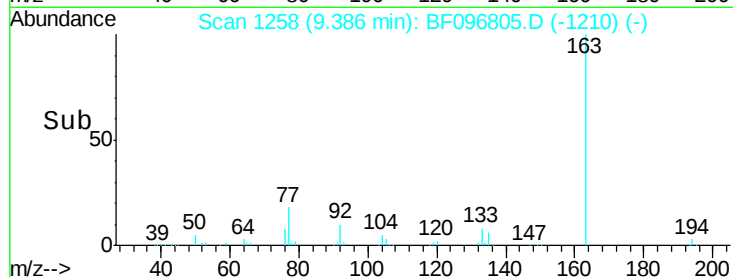
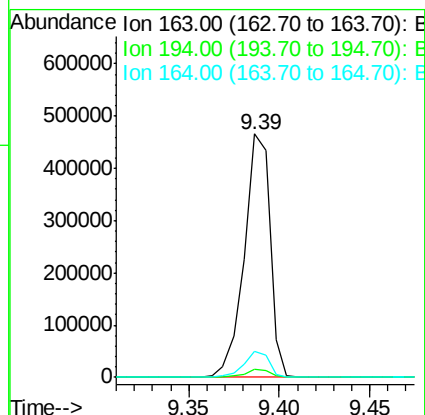
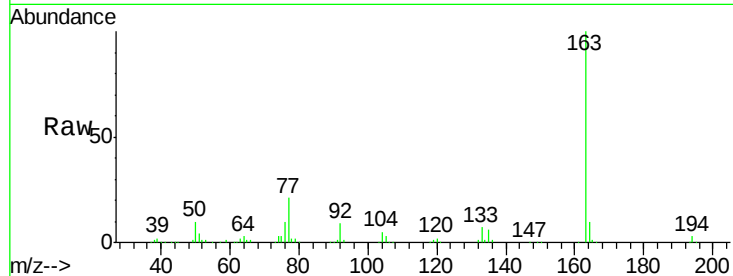




#49
 Dimethylphthalate
 Concen: 43.70 ng
 RT: 9.39 min Scan# 1258
 Delta R.T. -0.02 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

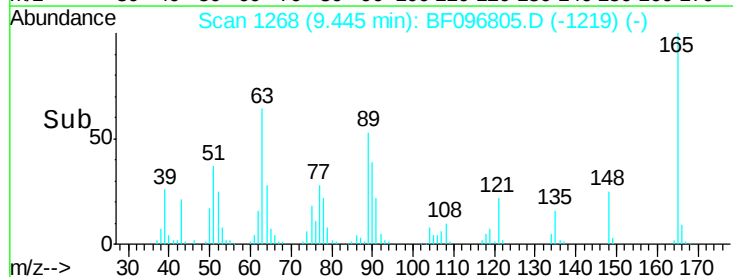
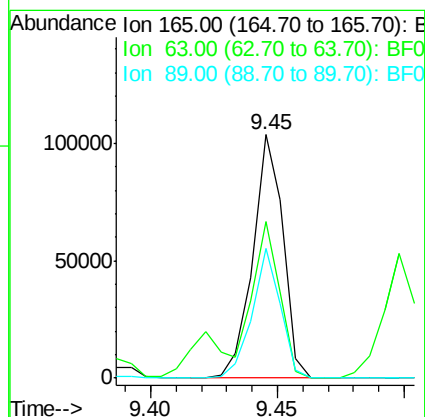
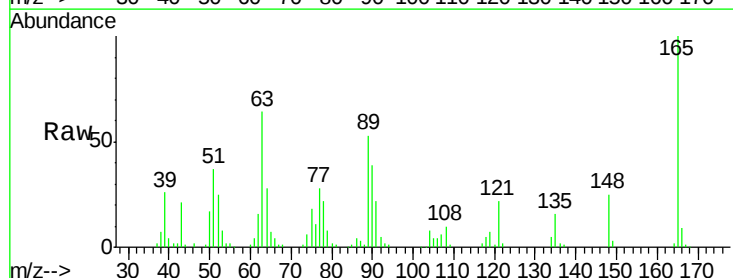
Instrument :
 BNA_F
 ClientSampleId :

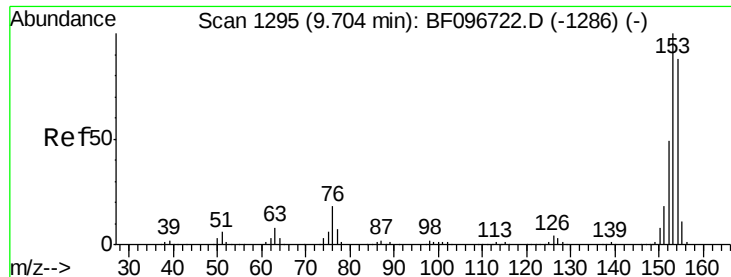
Tot Ion:163 Resp: 460594
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 10.5 8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 37.59 ng
 RT: 9.45 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:165 Resp: 85825
 Ion Ratio Lower Upper
 165 100
 63 64.1 34.3 51.5#
 89 53.2 37.1 55.7





#51

Acenaphthene

Concen: 40.12 ng

RT: 9.69 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

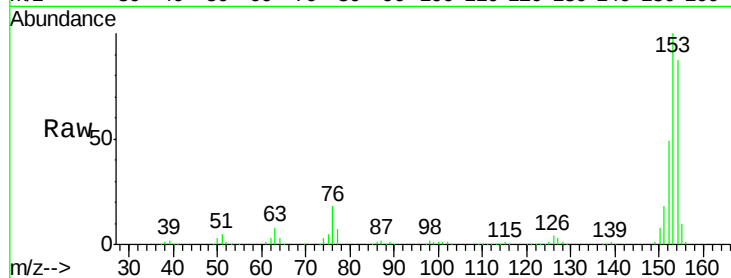
Tot Ion:154 Resp: 333857

Ion Ratio Lower Upper

154 100

153 114.7 90.5 135.7

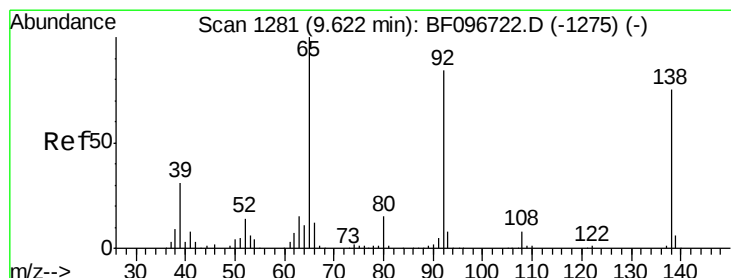
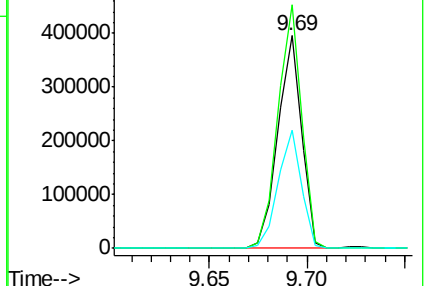
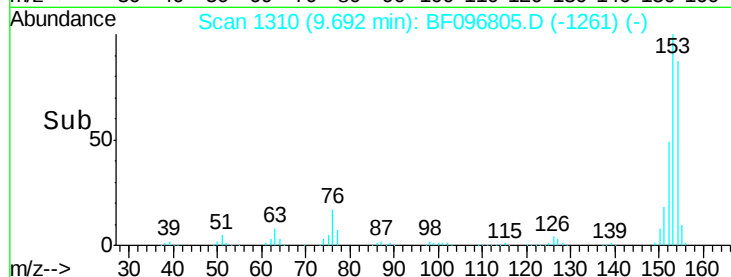
152 55.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.85 ng

RT: 9.61 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

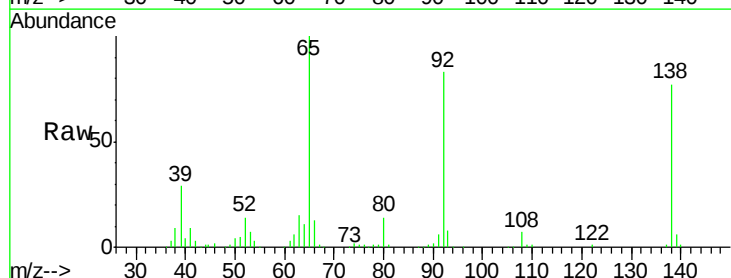
Tgt Ion:138 Resp: 121293

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

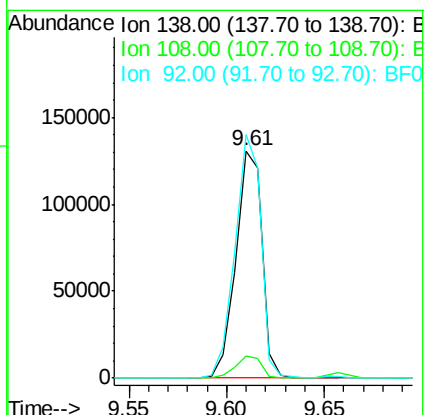
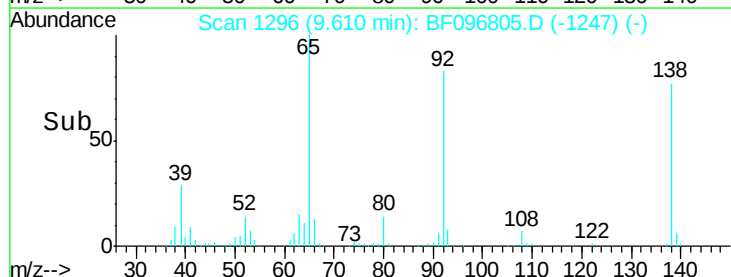
92 107.2 93.8 140.6

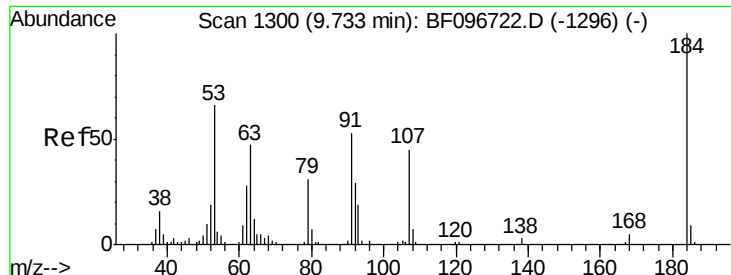


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

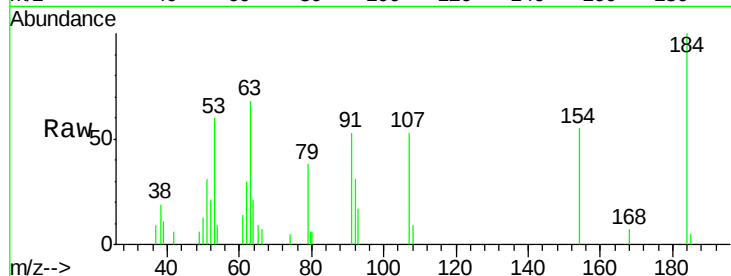




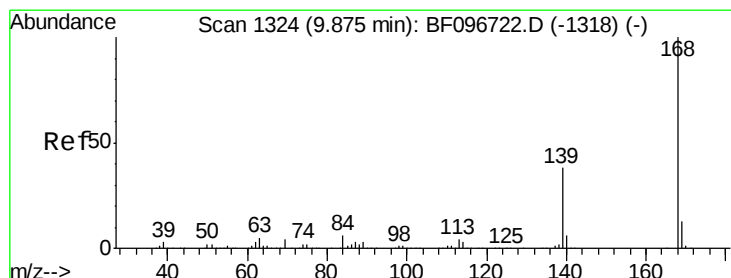
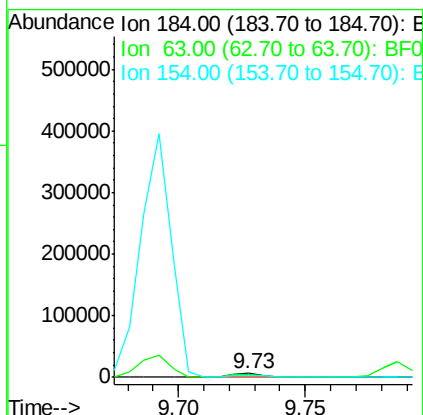
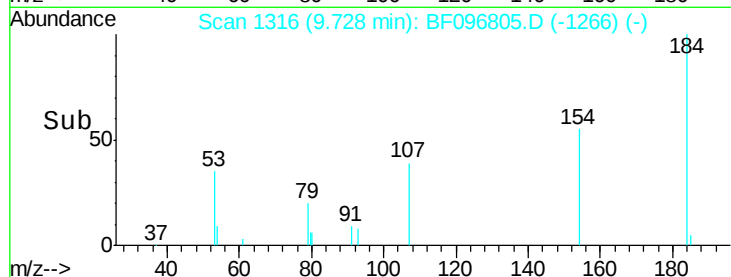
#53
2,4-Dinitrophenol
Concen: 12.00 ng
RT: 9.73 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6498
Ion Ratio Lower Upper
184 100
63 68.5 62.7 94.1
154 54.5 81.1 121.7#

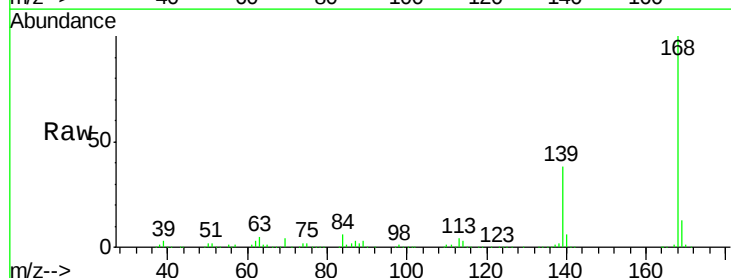


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

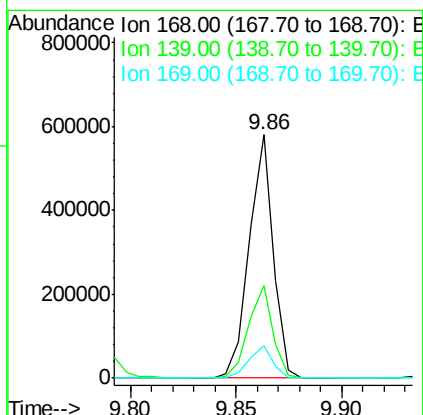
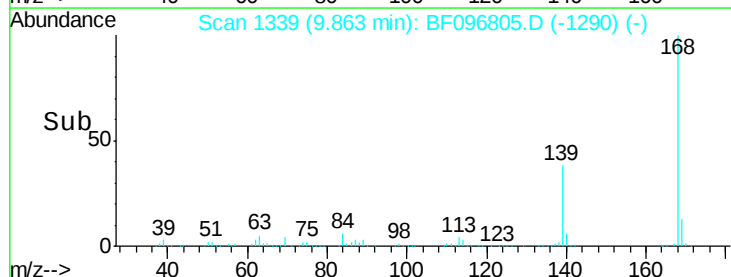


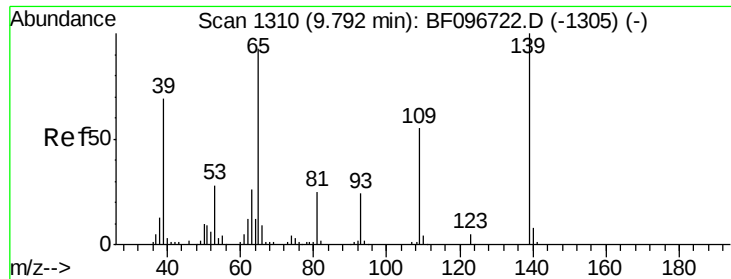
#54
Dibenzofuran
Concen: 39.32 ng
RT: 9.86 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion:168 Resp: 458446
Ion Ratio Lower Upper
168 100
139 38.2 30.6 45.8
169 13.5 10.8 16.2



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





#55

4-Nitrophenol

Concen: 38.64 ng

RT: 9.79 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampled :

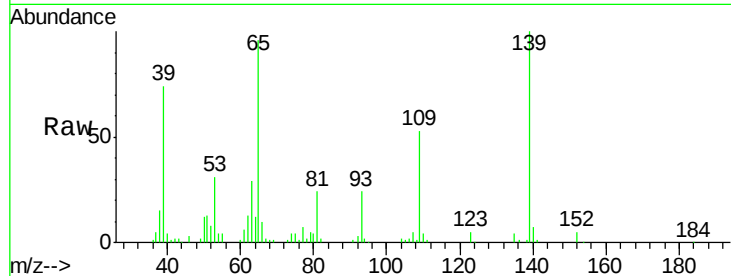
Tot Ion:139 Resp: 76355

Ion Ratio Lower Upper

139 100

109 53.0 34.1 74.1

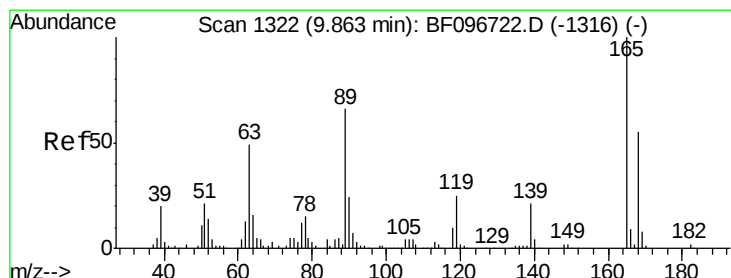
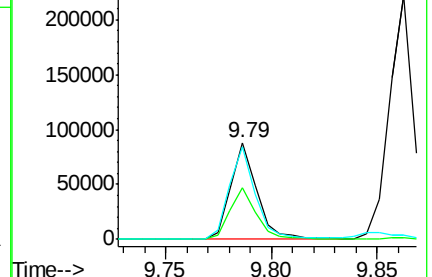
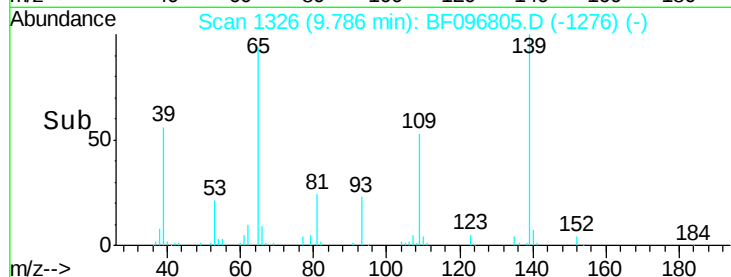
65 95.5 31.4 71.4#



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: 34.17 ng

RT: 9.85 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Tgt Ion:165 Resp: 100252

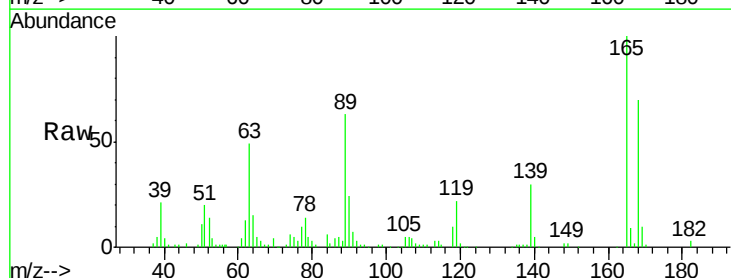
Ion Ratio Lower Upper

165 100

63 48.7 25.4 38.0#

89 63.0 46.4 69.6

182 2.5 1.8 2.6

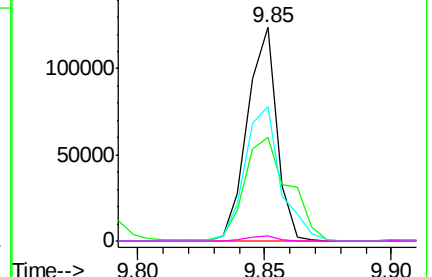
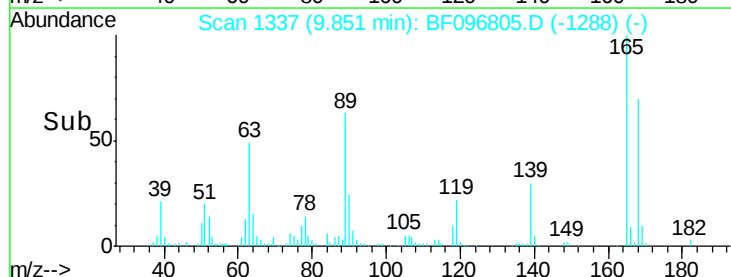


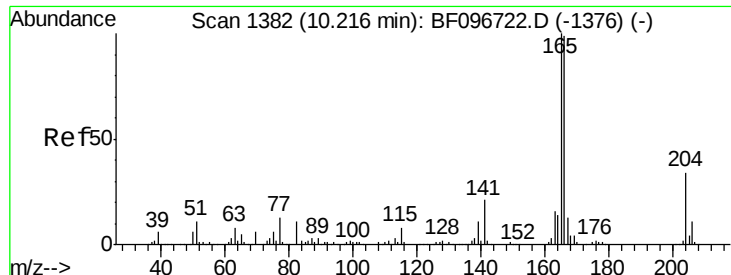
Abundance Ion 165.00 (164.70 to 165.70): E

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

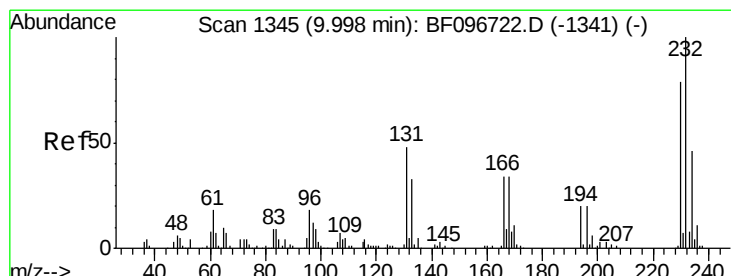
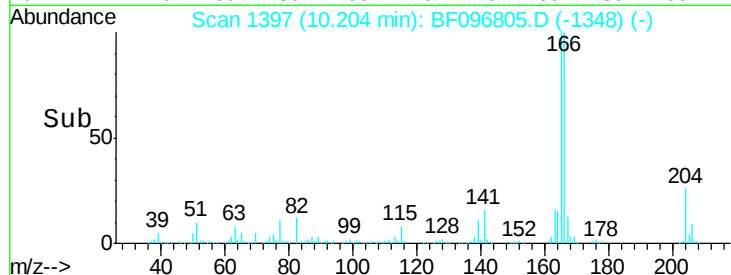
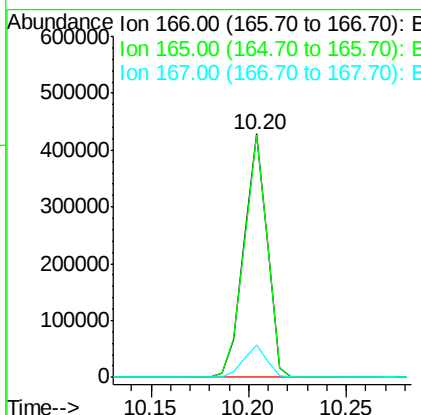
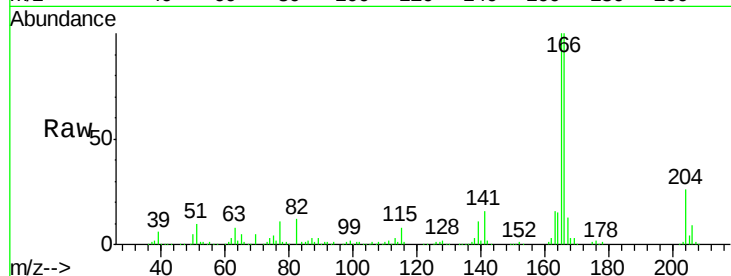




#57
 Fluorene
 Concen: 41.15 ng
 RT: 10.20 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

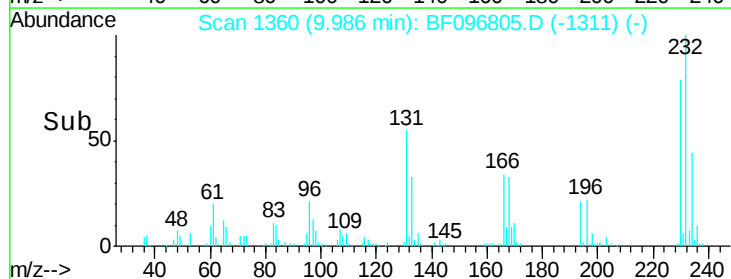
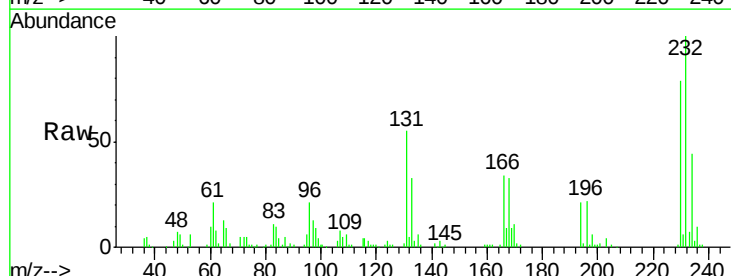
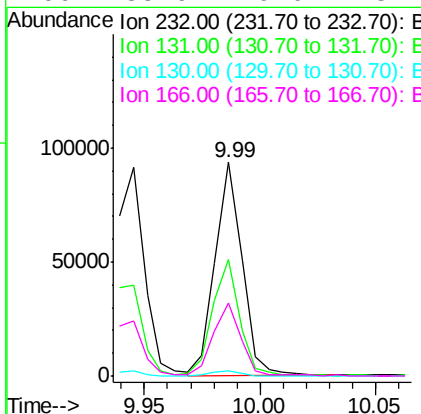
Instrument :
 BNA_F
 ClientSampleId :

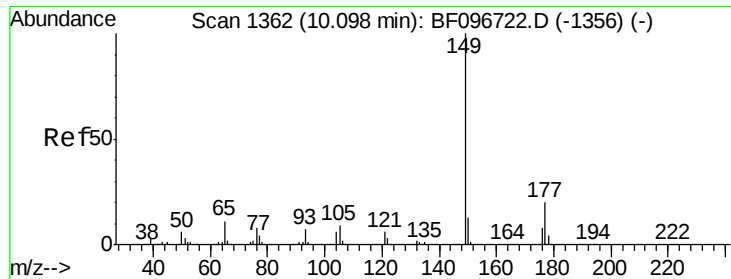
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.8	118.2
167	13.3	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.86 ng
 RT: 9.99 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.6	44.8	67.2
130	2.3	2.3	3.5#
166	35.6	29.0	43.4

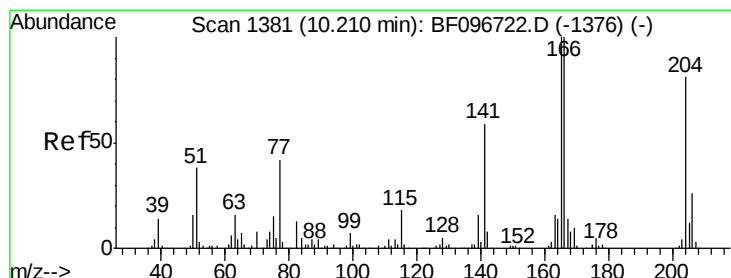
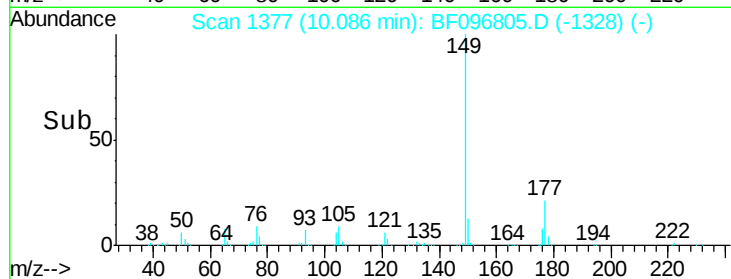
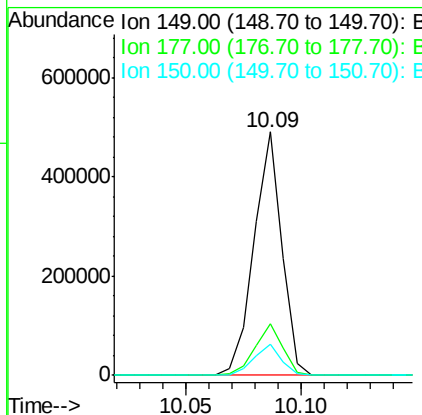
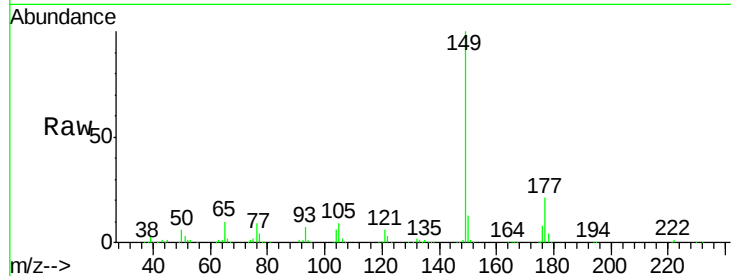




#59
Diethylphthalate
Concen: 40.44 ng
RT: 10.09 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

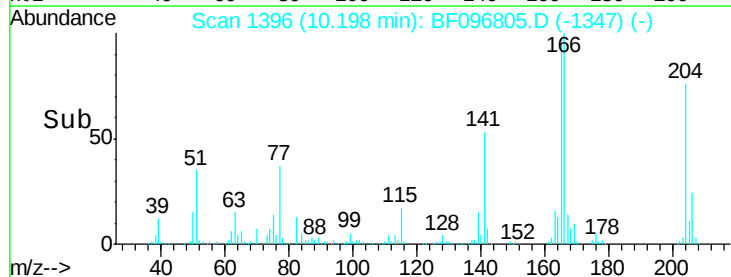
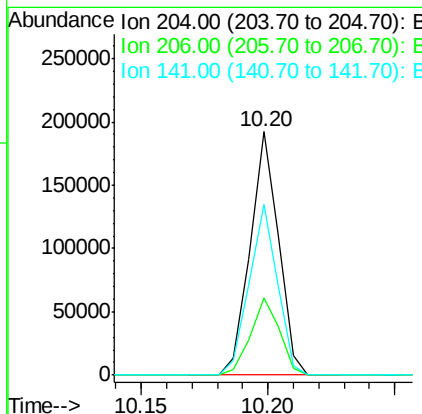
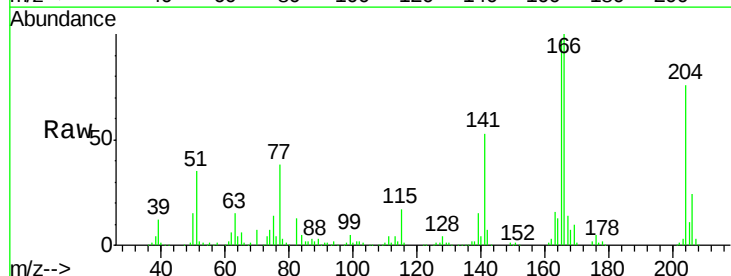
Instrument :
BNA_F
ClientSampleId :

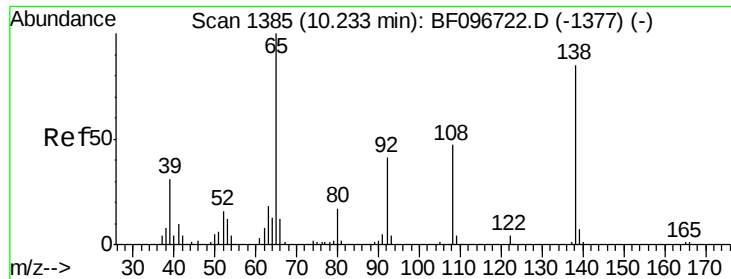
Tot Ion:149 Resp: 414988
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.18 ng
RT: 10.20 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion:204 Resp: 150349
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 69.9 60.8 91.2

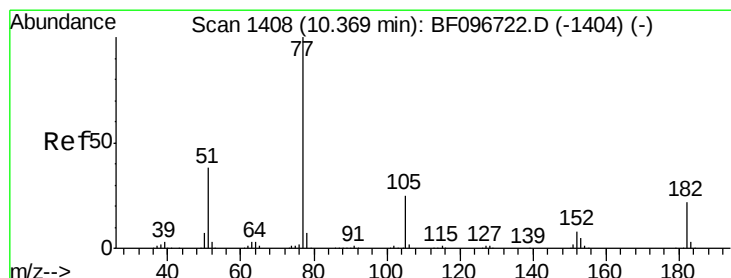
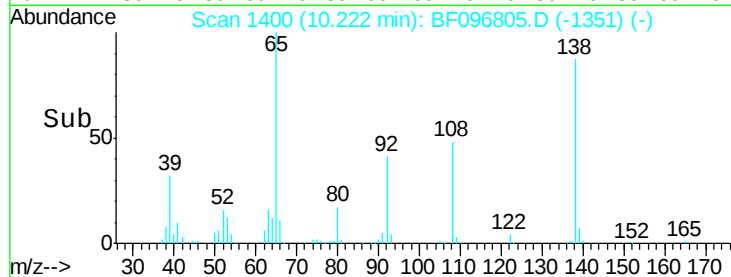
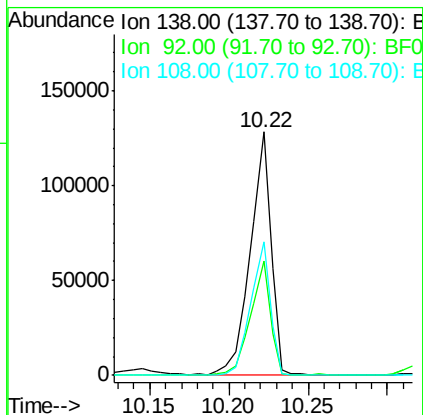
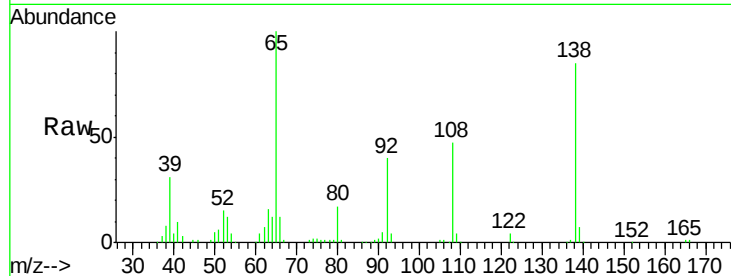




#61
4-Nitroaniline
Concen: 46.33 ng
RT: 10.22 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

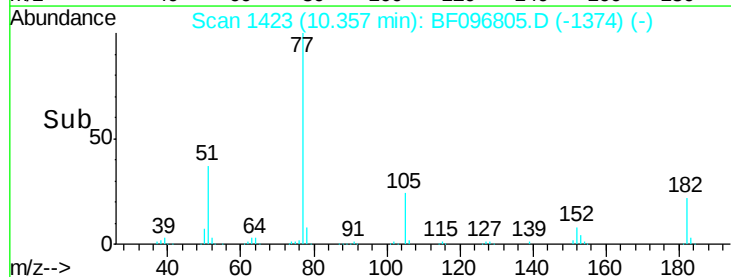
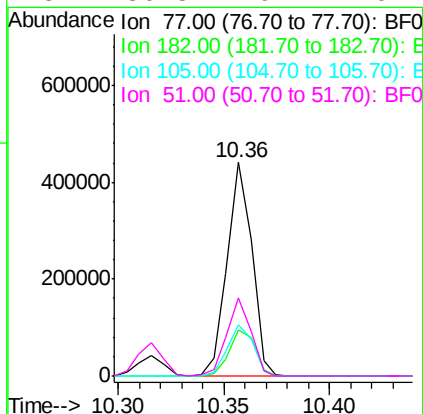
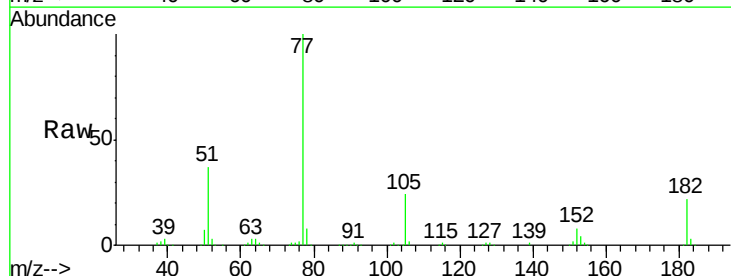
Instrument :
BNA_F
ClientSampleId :

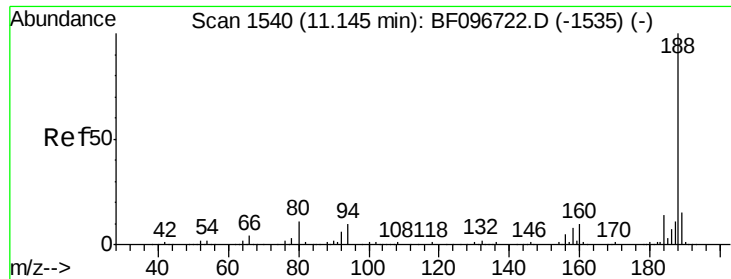
Tot Ion:138 Resp: 117669
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 54.7 42.3 82.3



#62
Azobenzene
Concen: 39.53 ng
RT: 10.36 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion: 77 Resp: 357789
Ion Ratio Lower Upper
77 100
182 21.6 0.1 40.1
105 24.2 3.6 43.6
51 36.8 9.4 49.4

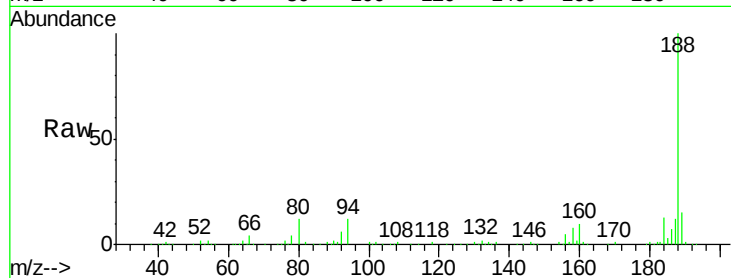




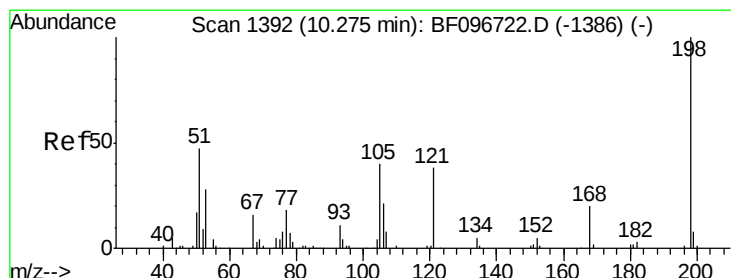
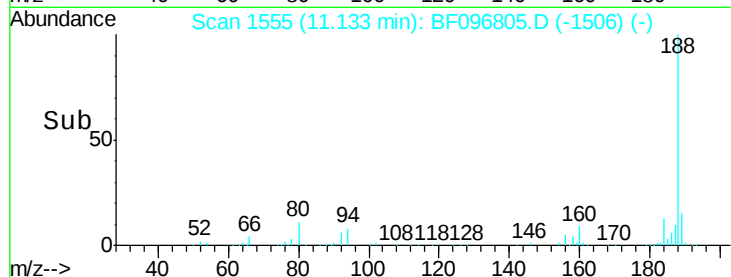
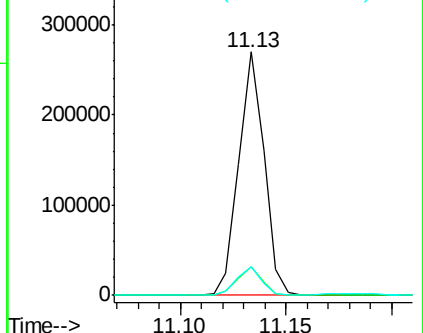
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 224082
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 11.6 10.2 15.2

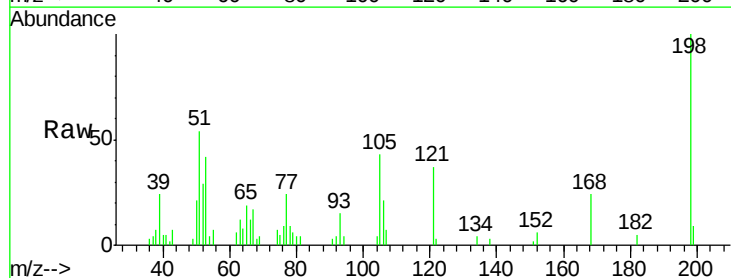


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

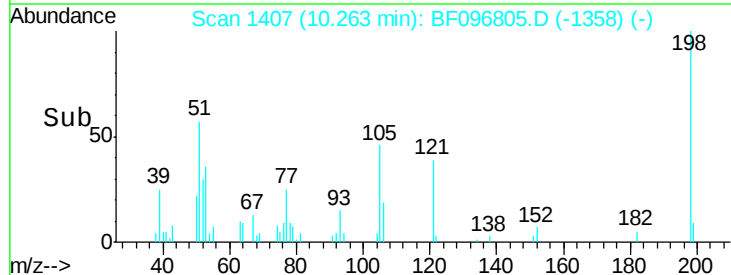
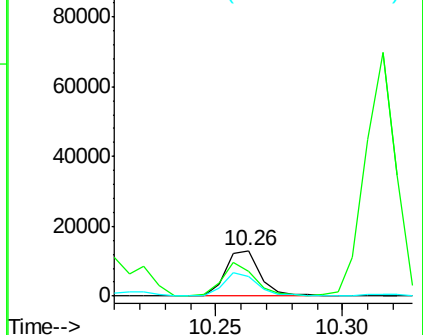


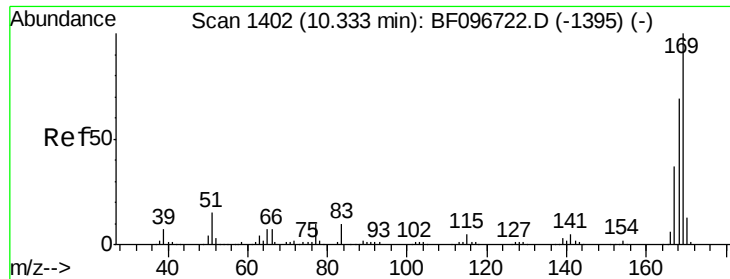
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.68 ng
 RT: 10.26 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:198 Resp: 12212
 Ion Ratio Lower Upper
 198 100
 51 54.5 53.2 93.2
 105 43.3 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

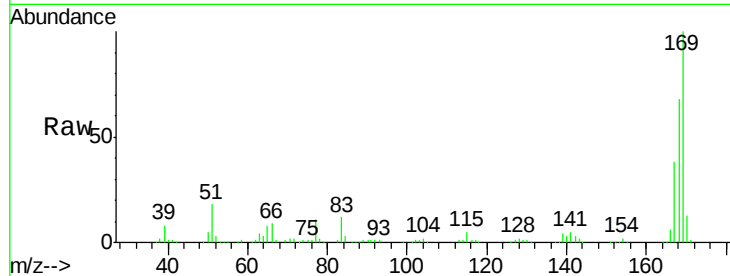




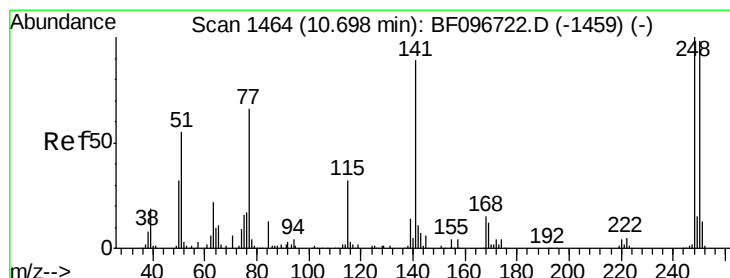
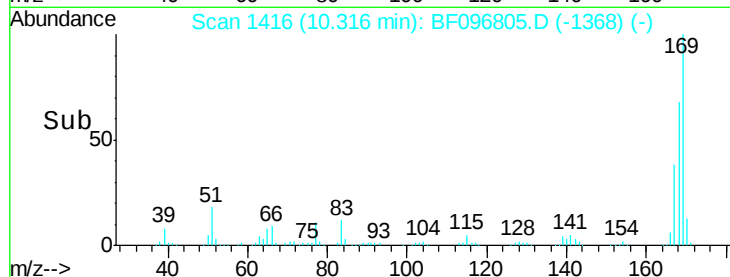
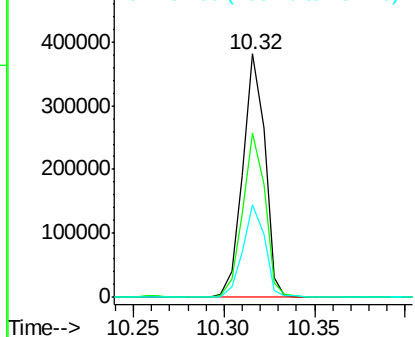
#65
 n-Nitrosodiphenylamine
 Concen: 40.44 ng
 RT: 10.32 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 323920
 Ion Ratio Lower Upper
 169 100
 168 67.5 53.2 79.8
 167 37.9 29.5 44.3

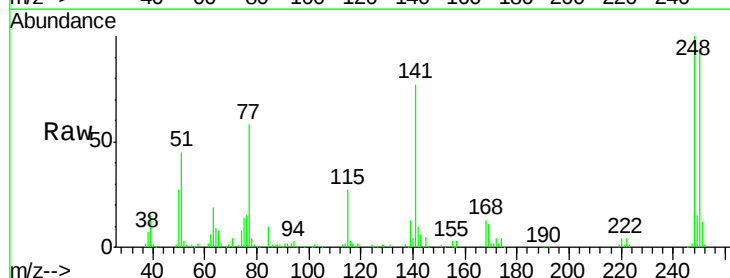


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

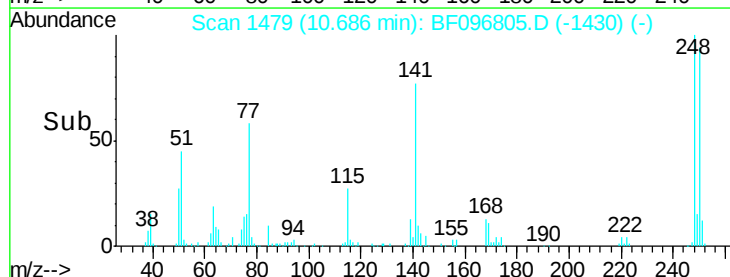
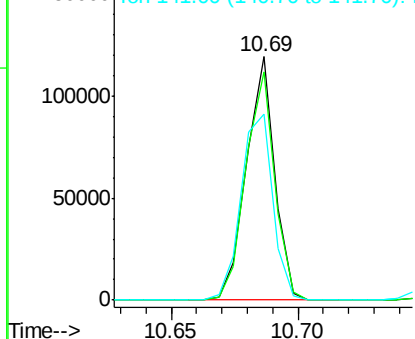


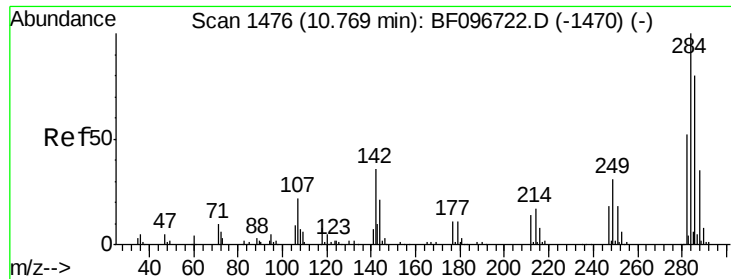
#66
 4-Bromophenyl-phenylether
 Concen: 40.59 ng
 RT: 10.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:248 Resp: 92870
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.8 115.2
 141 76.6 68.6 103.0



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

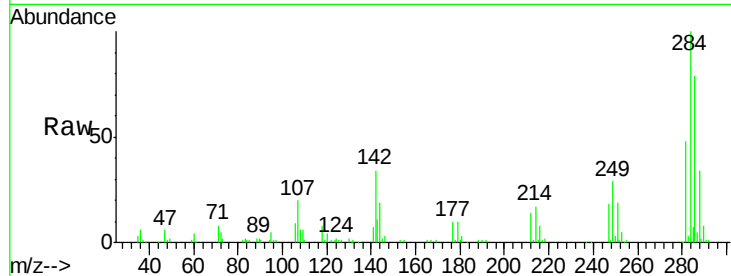




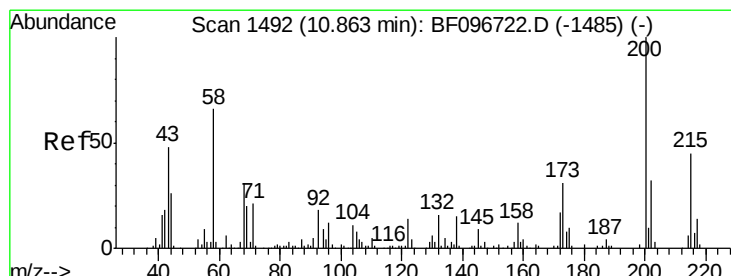
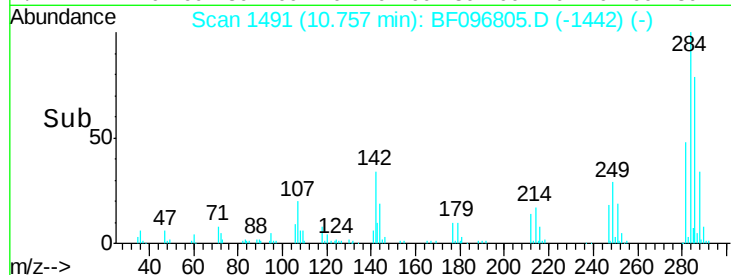
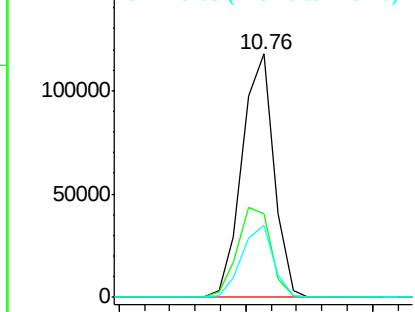
#67
Hexachlorobenzene
Concen: 40.33 ng
RT: 10.76 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 102771
Ion Ratio Lower Upper
284 100
142 34.1 22.8 34.2
249 29.5 24.0 36.0

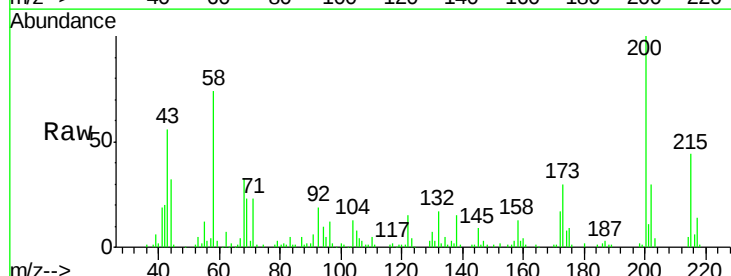


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

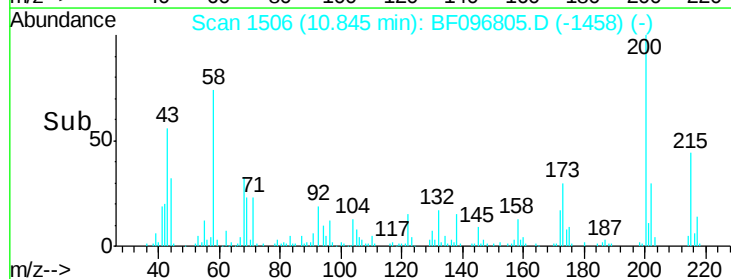
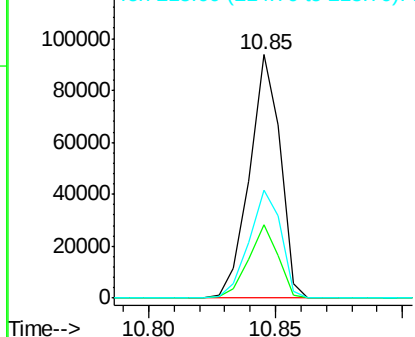


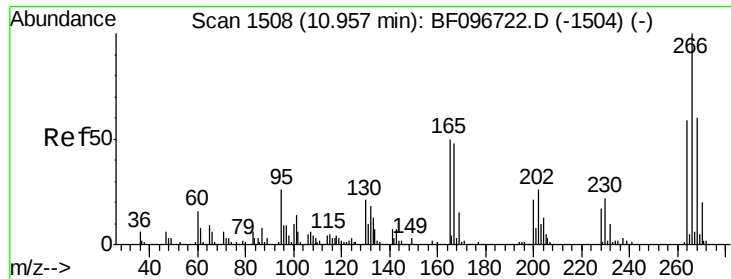
#68
Atrazine
Concen: 34.70 ng
RT: 10.85 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion:200 Resp: 79197
Ion Ratio Lower Upper
200 100
173 30.4 6.3 46.3
215 44.2 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

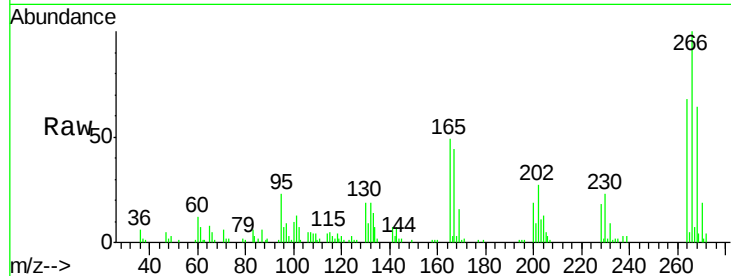




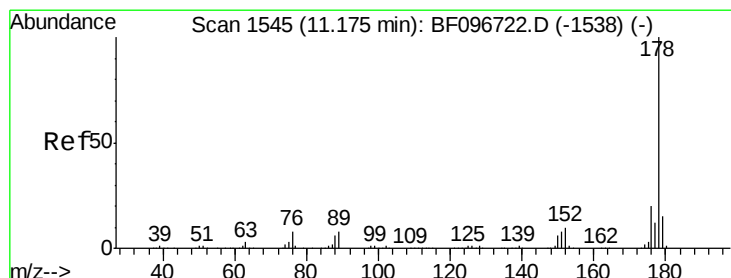
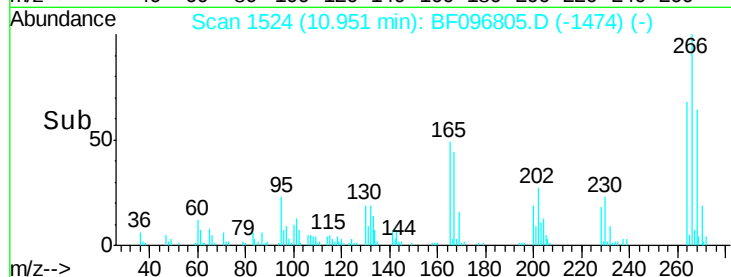
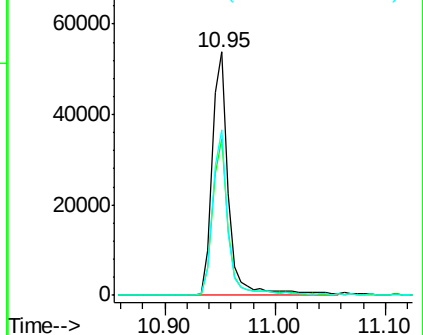
#69
 Pentachlorophenol
 Concen: 44.10 ng
 RT: 10.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 54280
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 67.8 51.7 77.5

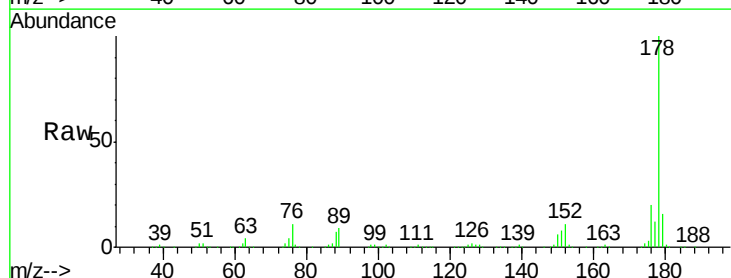


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

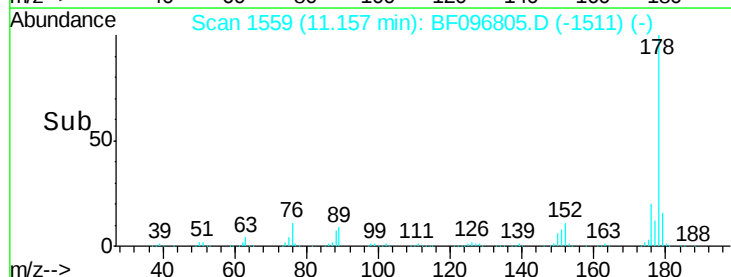
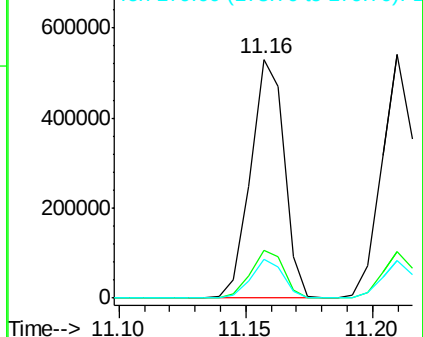


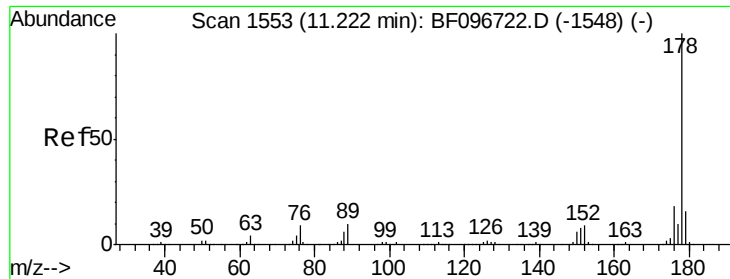
#70
 Phenanthrene
 Concen: 40.28 ng
 RT: 11.16 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:178 Resp: 490820
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.1 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

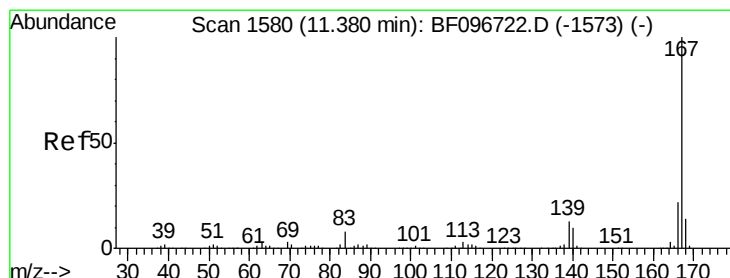
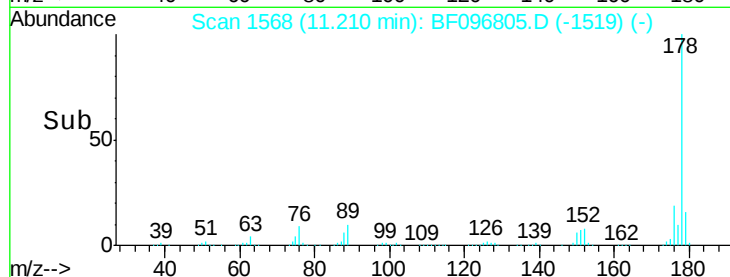
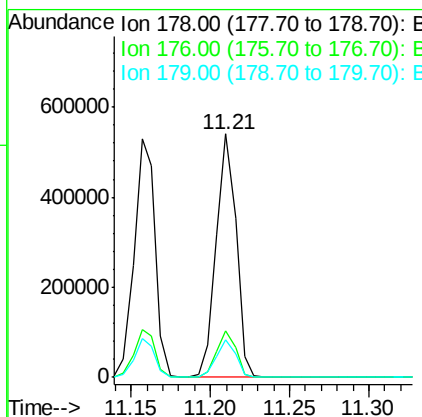
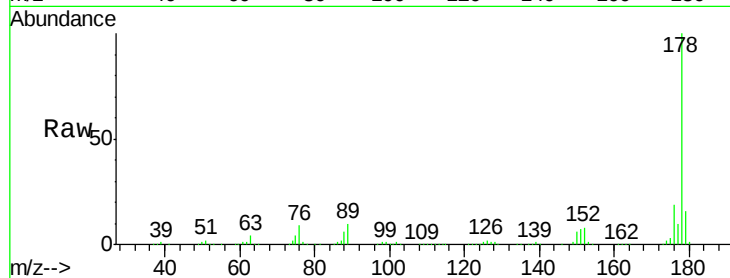




#71
 Anthracene
 Concen: 38.43 ng
 RT: 11.21 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

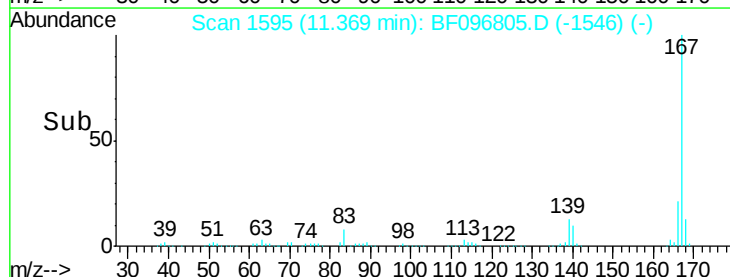
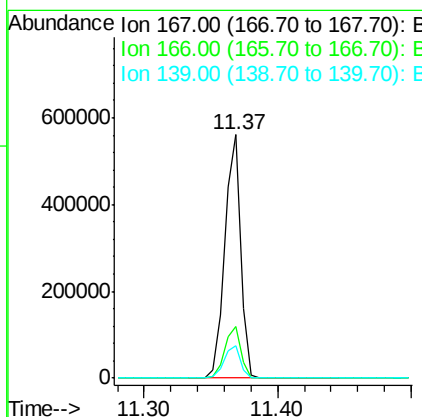
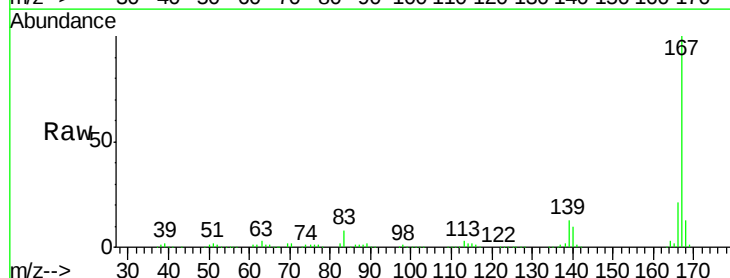
Instrument :
 BNA_F
 ClientSampleId :

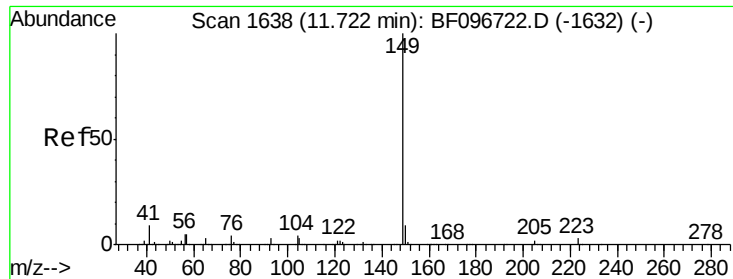
Tot Ion:178 Resp: 473399
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.63 ng
 RT: 11.37 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion:167 Resp: 472824
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.1 27.1
 139 13.2 11.7 17.5

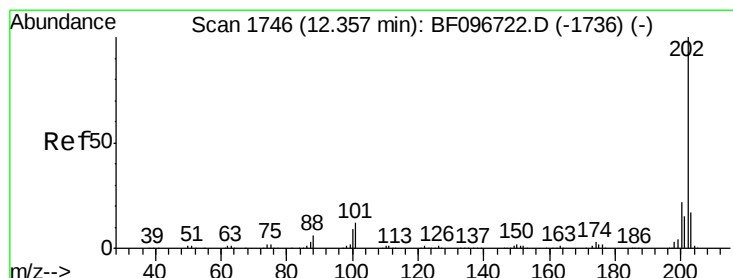
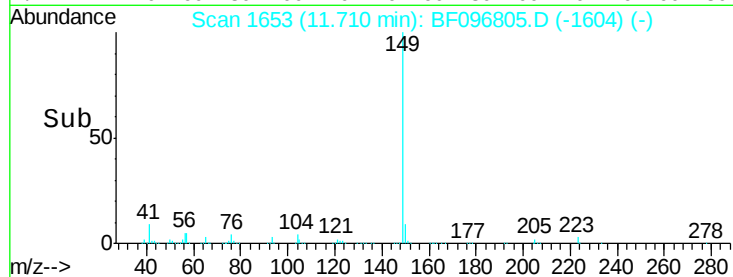
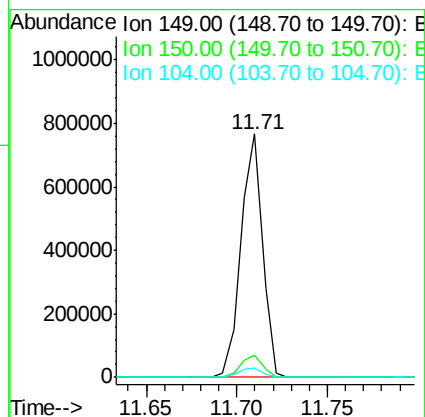
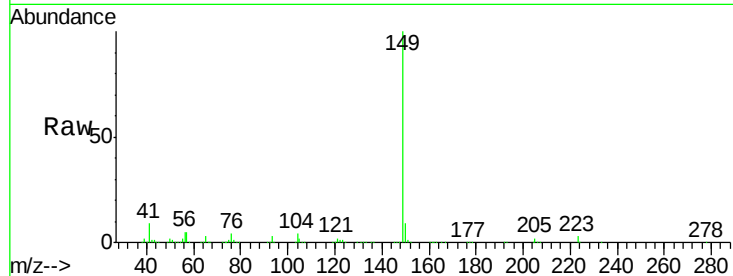




#73
Di-n-butylphthalate
Concen: 42.61 ng
RT: 11.71 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

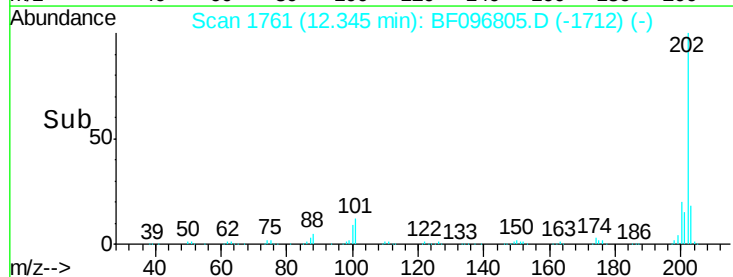
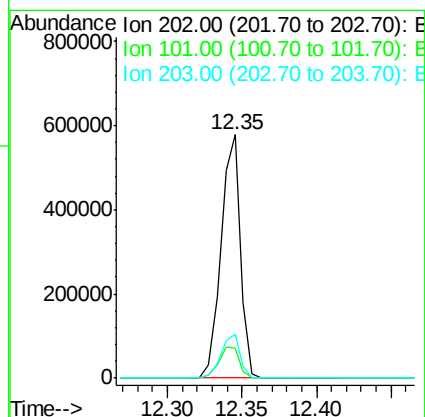
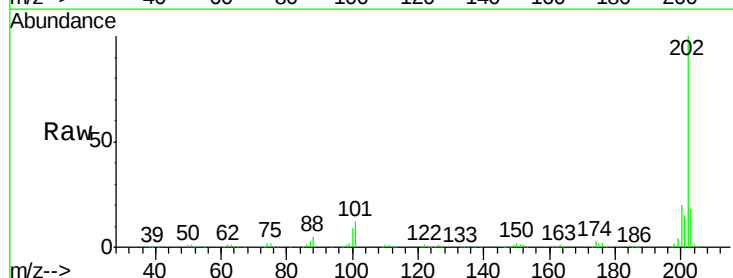
Instrument :
BNA_F
ClientSampleId :

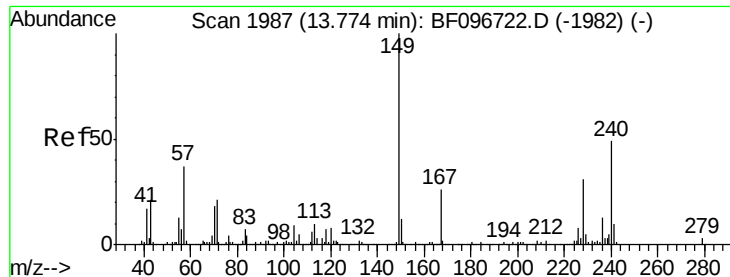
Tot Ion:149 Resp: 633108
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 45.35 ng
RT: 12.35 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion:202 Resp: 528897
Ion Ratio Lower Upper
202 100
101 12.4 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

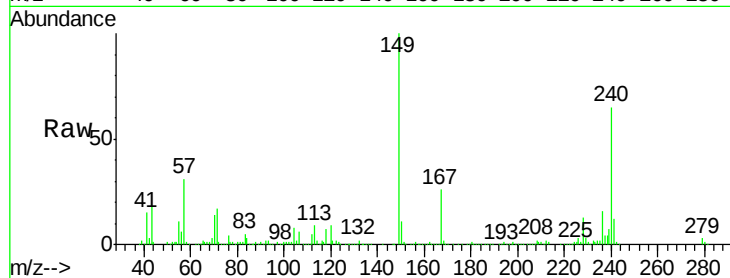
Tot Ion:240 Resp: 176740

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

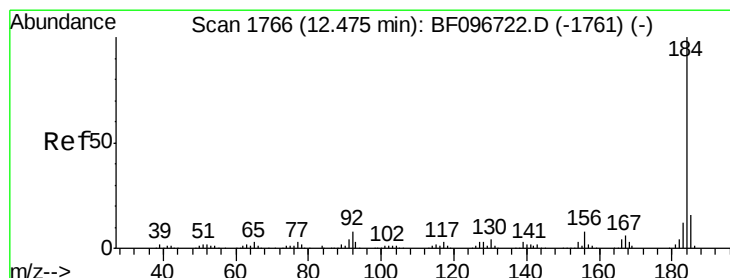
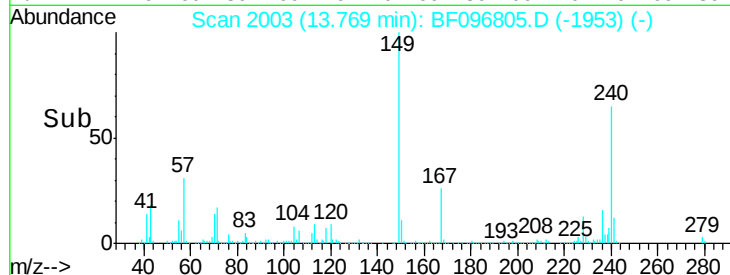
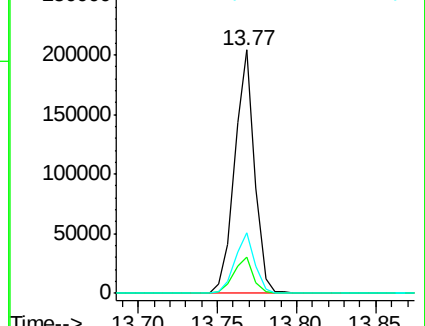
236 24.9 20.5 30.7



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: 61.23 ng

RT: 12.47 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

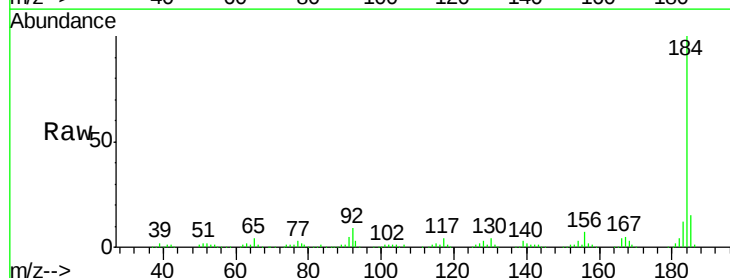
Tgt Ion:184 Resp: 354544

Ion Ratio Lower Upper

184 100

185 15.2 15.5 23.3#

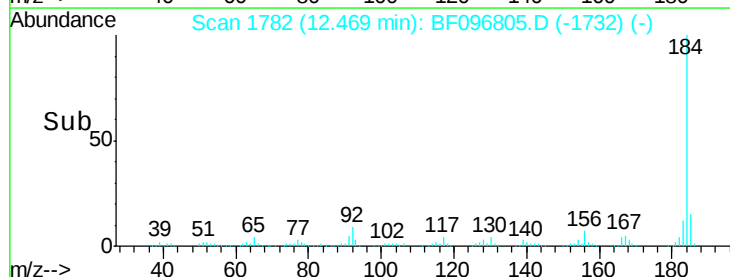
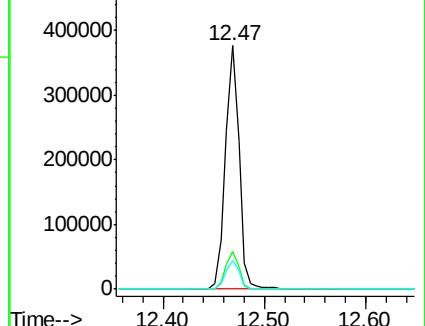
183 11.6 9.8 14.6

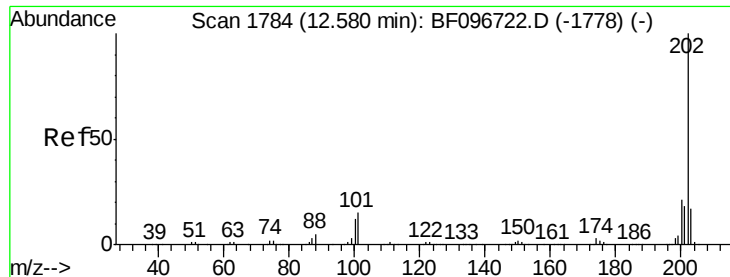


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

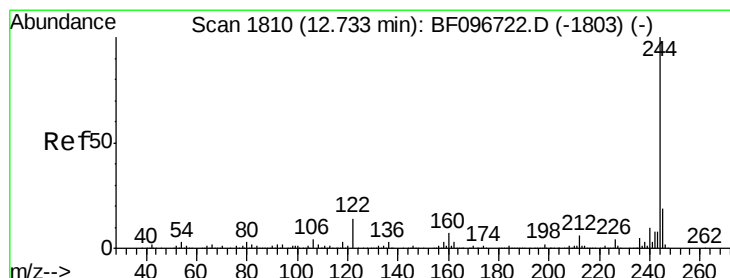
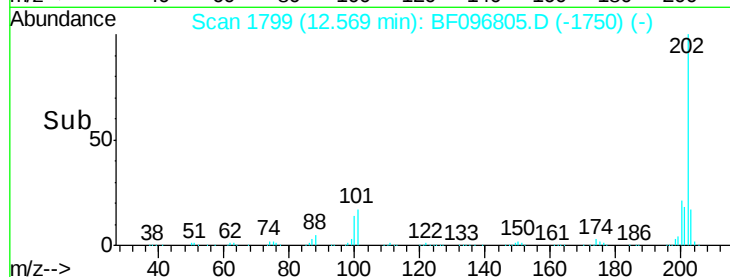
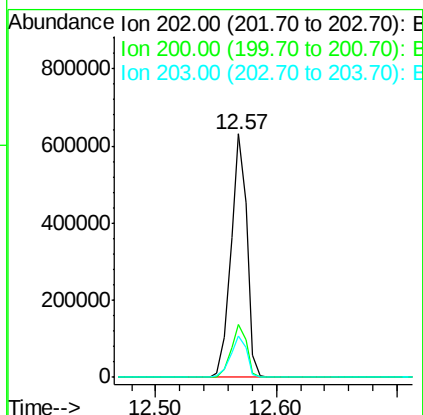
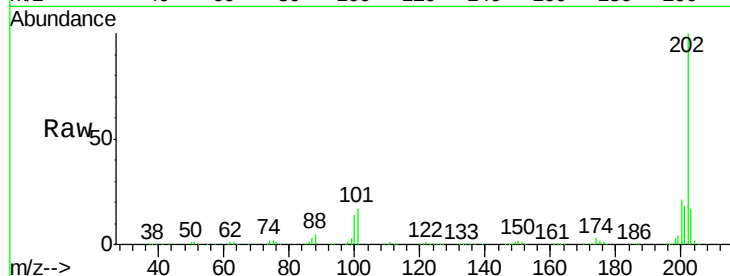




#77
Pvrene
Concen: 35.83 ng
RT: 12.57 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

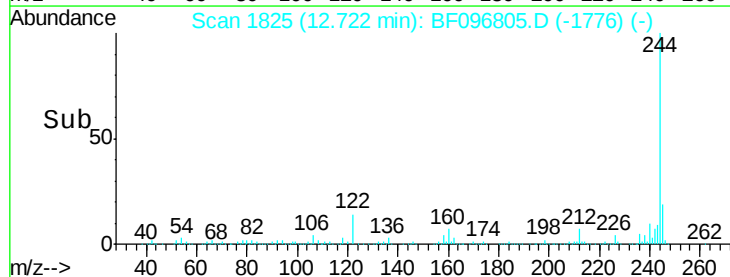
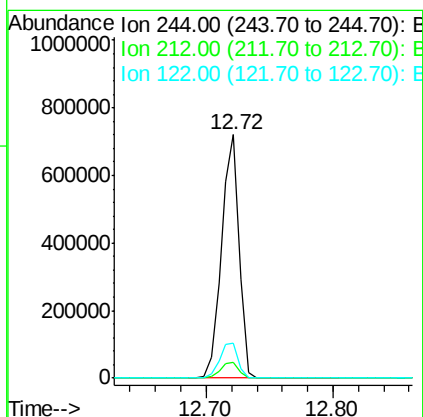
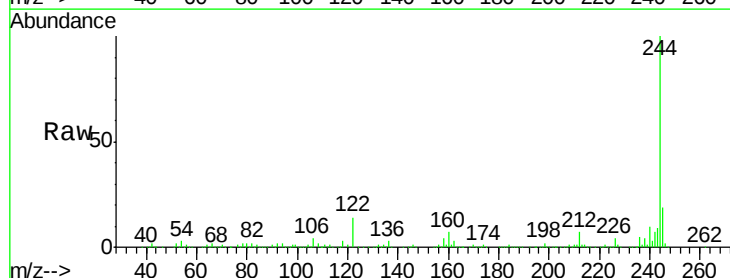
Instrument :
BNA_F
ClientSampleId :

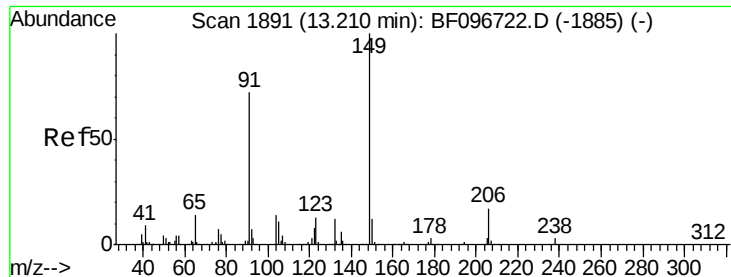
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	17.2	14.4	21.6



#78
Terphenyl-d14
Concen: 68.20 ng
RT: 12.72 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.4	10.3	15.5

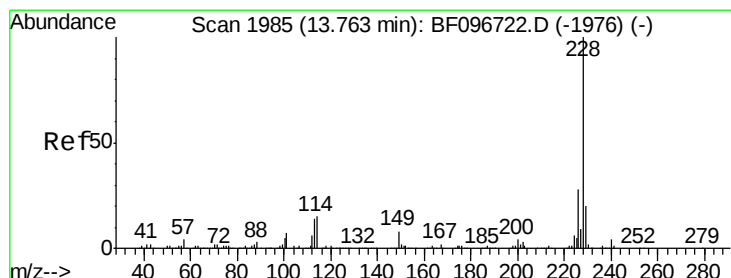
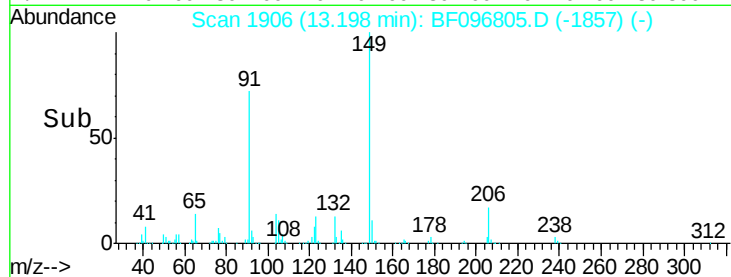
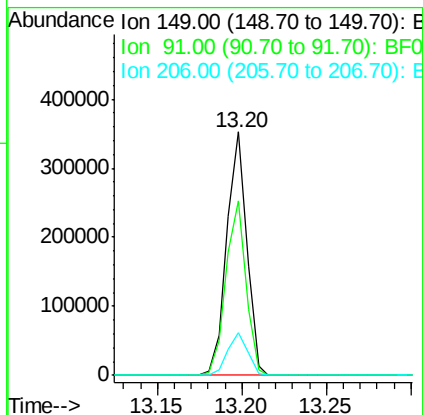
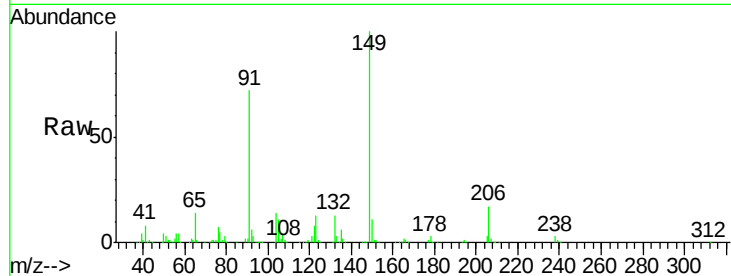




#79
Butylbenzylphthalate
Concen: 75.92 ng
RT: 13.20 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

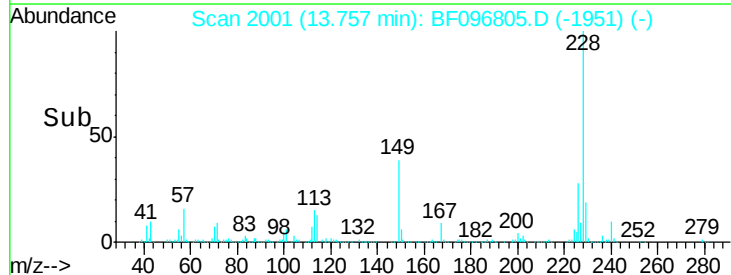
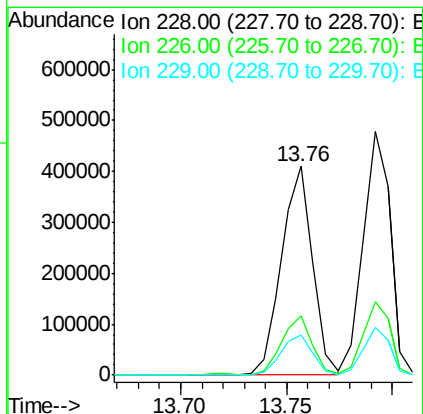
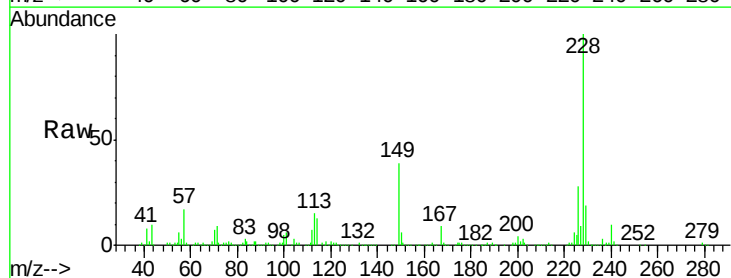
Instrument :
BNA_F
ClientSampleId :

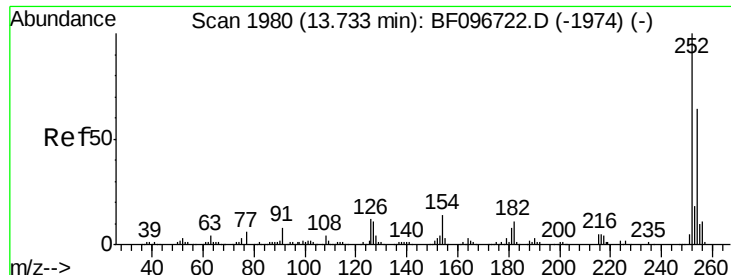
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	45.0	67.4
206	17.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 38.06 ng
RT: 13.76 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096805.D
Acq: 15 Jul 2017 7:21

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

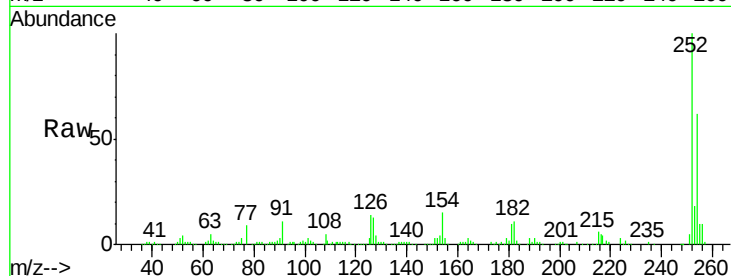




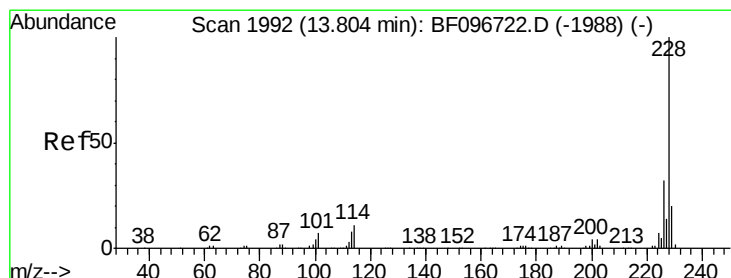
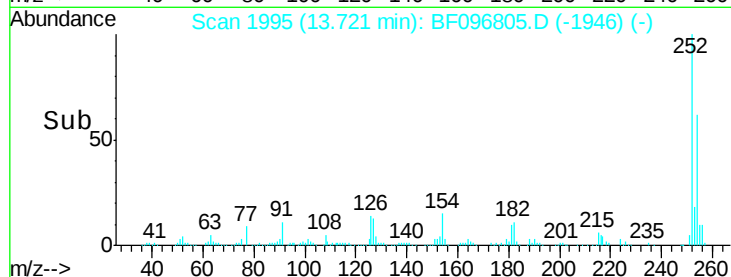
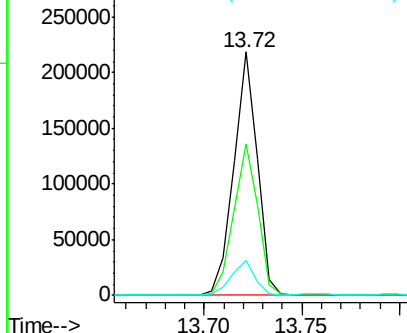
#81
 3,3'-Dichlorobenzidine
 Concen: 45.92 ng
 RT: 13.72 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.5	77.3
126	14.4	15.8	23.8#

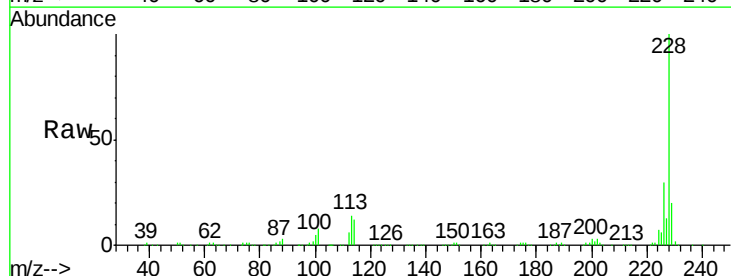


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

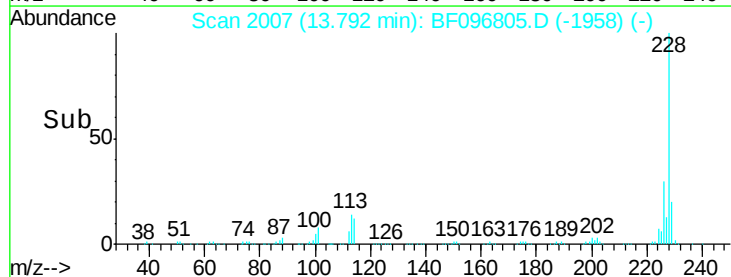
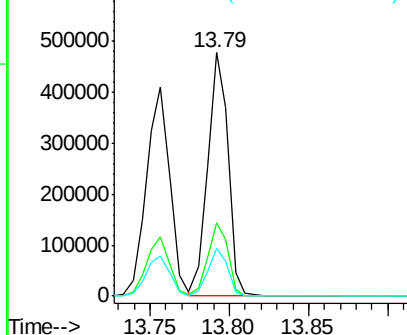


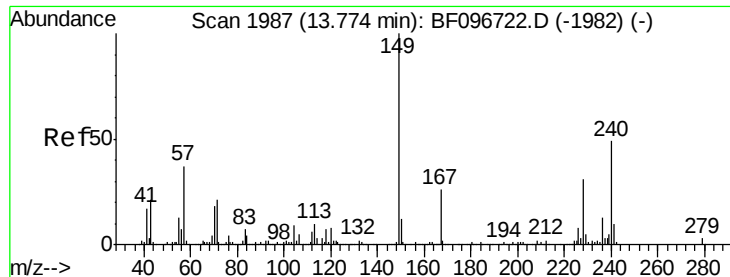
#82
 Chrysene
 Concen: 39.71 ng
 RT: 13.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.8	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.61 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampled :

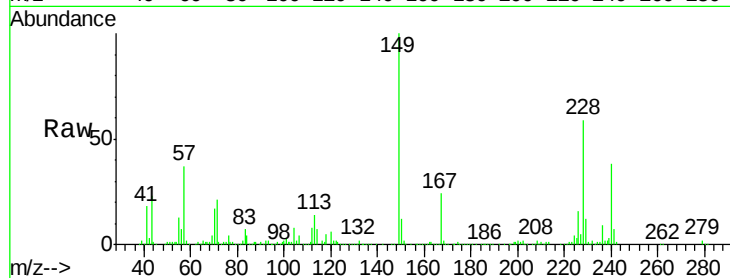
Tot Ion:149 Resp: 339741

Ion Ratio Lower Upper

149 100

167 24.4 21.0 31.4

279 2.5 1.9 2.9

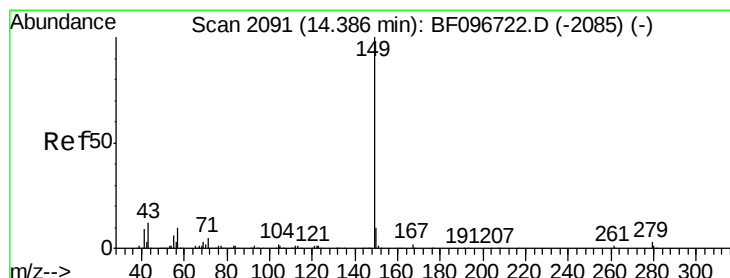
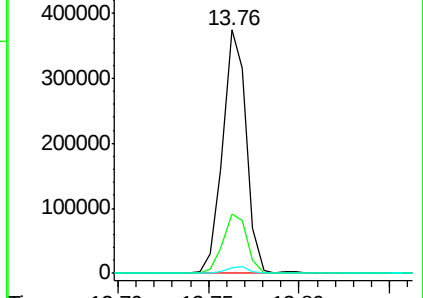
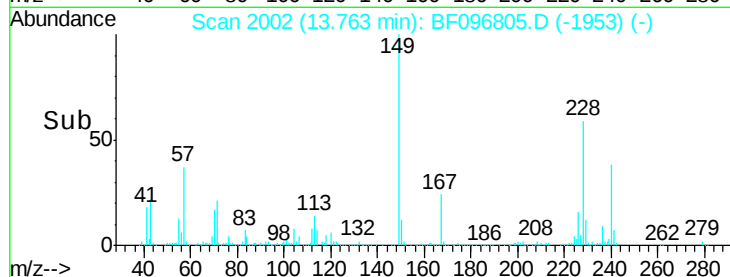


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time--> 13.70 13.75 13.80



#84

Di-n-octyl phthalate

Concen: 42.35 ng

RT: 14.37 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

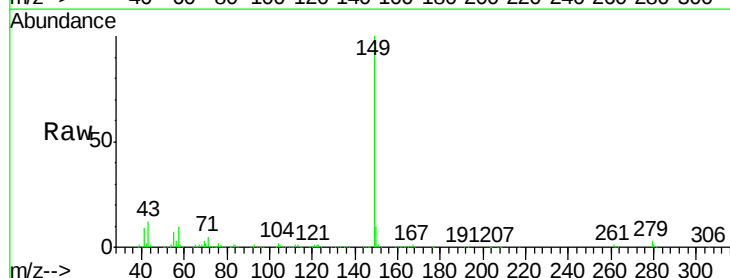
Tgt Ion:149 Resp: 649675

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

43 13.2 8.5 12.7#

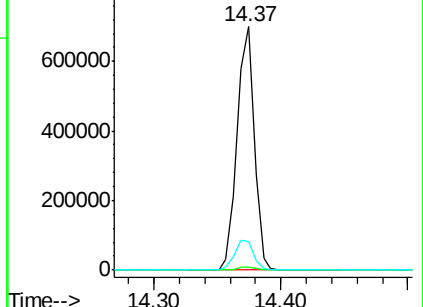
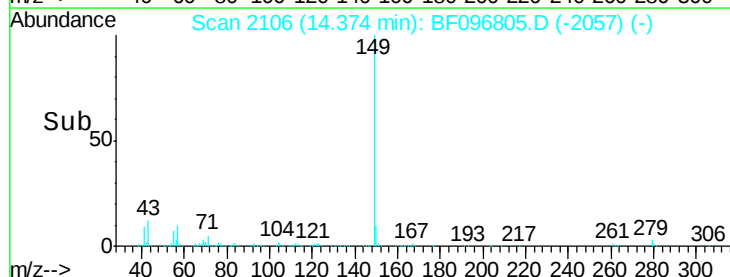


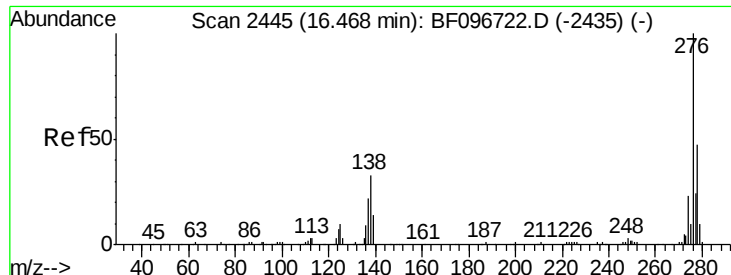
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time--> 14.30 14.40

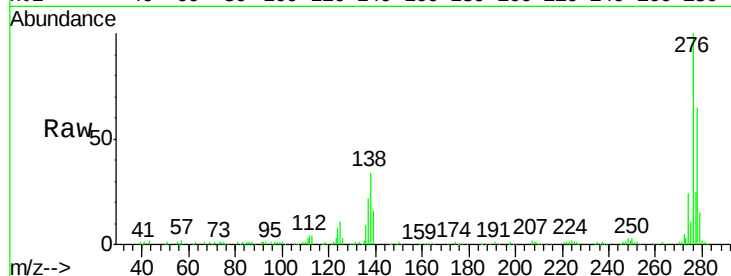




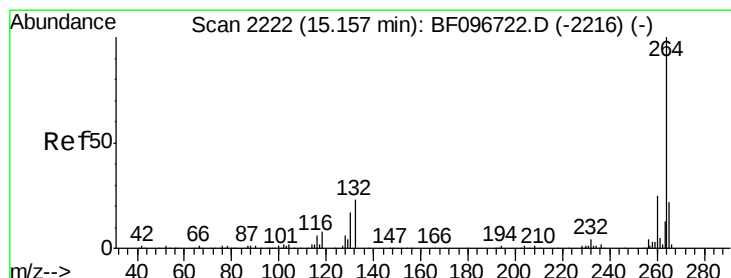
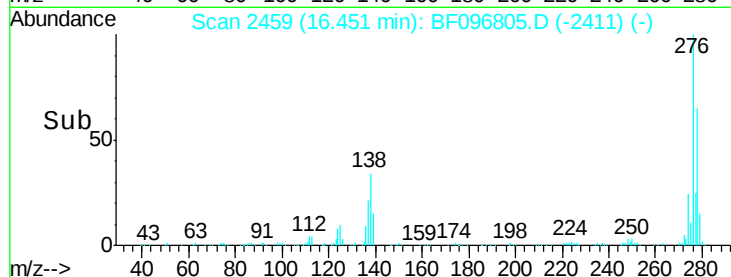
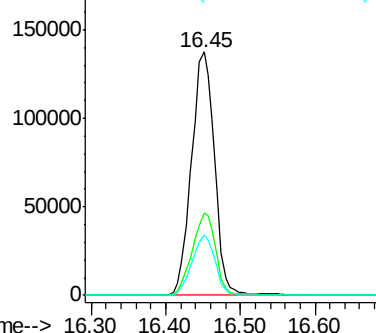
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.70 ng
 RT: 16.45 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.8	41.6
277	24.6	20.2	30.4

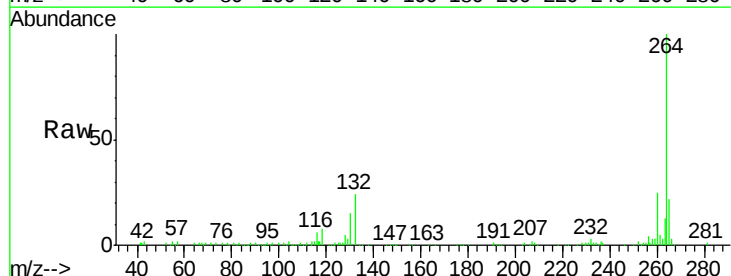


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

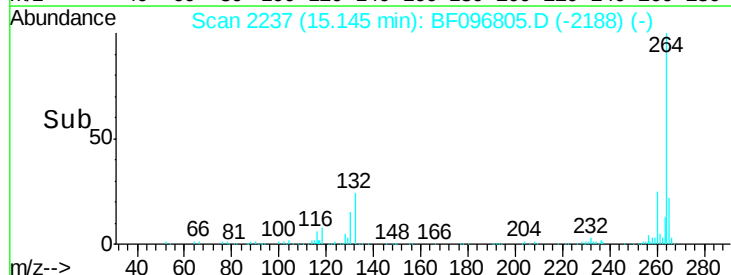
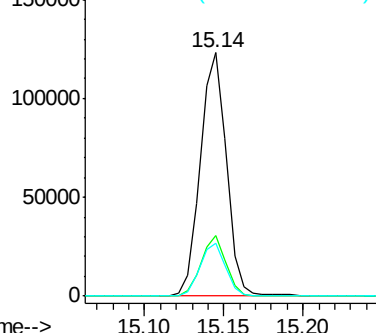


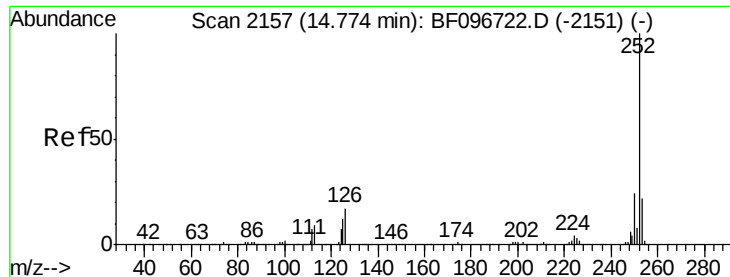
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF096805.D
 Acq: 15 Jul 2017 7:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.6	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 40.62 ng

RT: 14.76 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BF096805.D

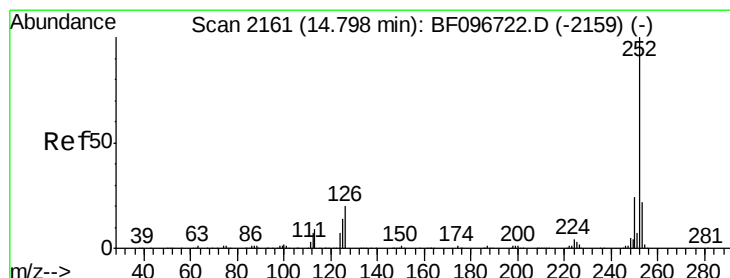
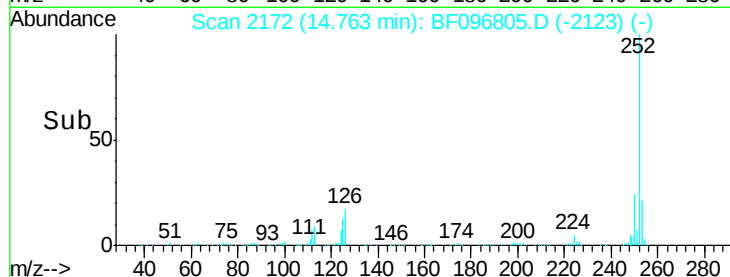
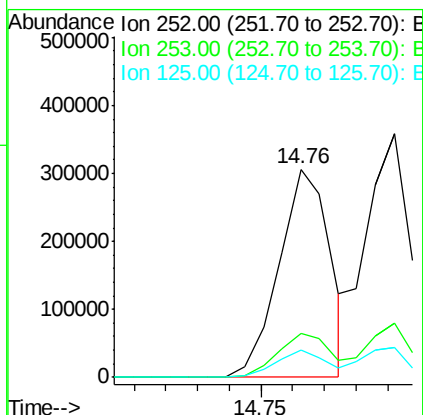
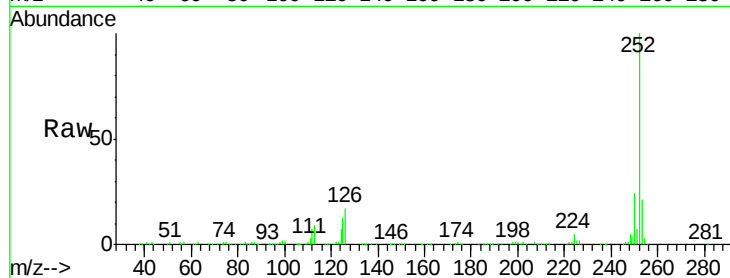
Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampled :

Tot Ion:252	Resp:	343497
Ion Ratio	Lower	Upper
252	100	
253	21.4	18.1 27.1
125	13.0	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 43.32 ng

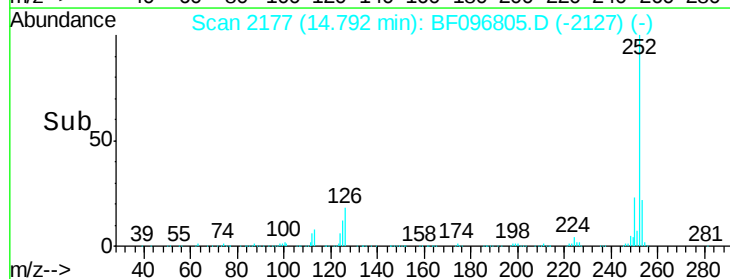
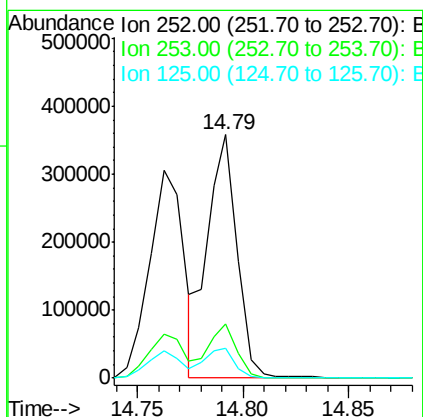
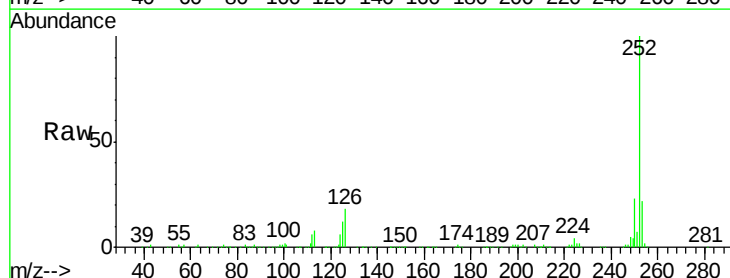
RT: 14.79 min Scan# 2177

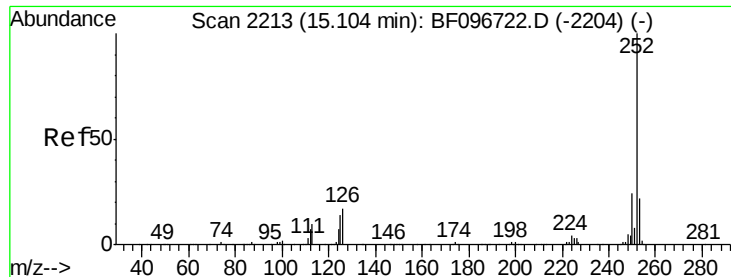
Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Tgt Ion:252	Resp:	346825
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.4 27.6
125	12.2	13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.86 ng

RT: 15.09 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :

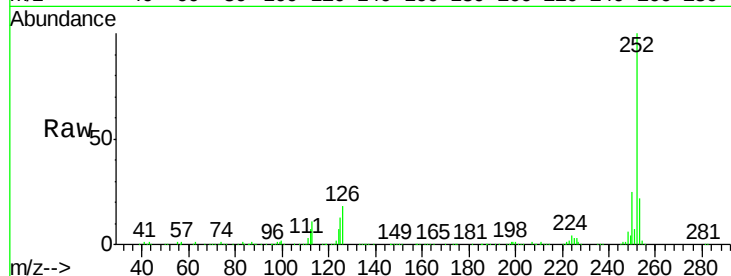
Tot Ion:252 Resp: 309129

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

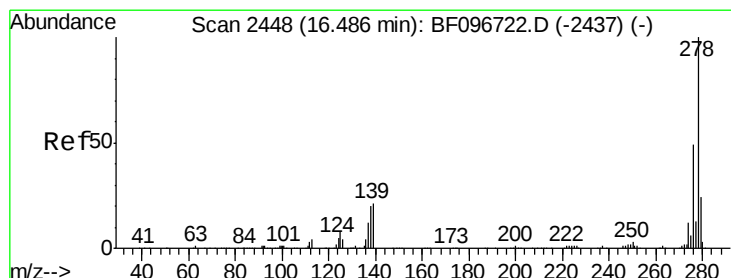
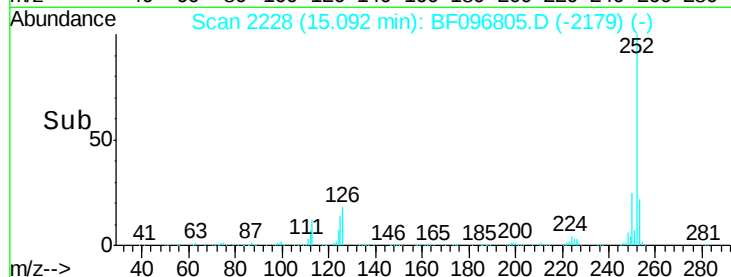
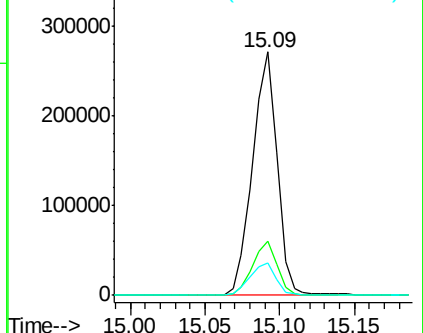
125 13.1 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.67 ng

RT: 16.46 min Scan# 2461

Delta R.T. -0.02 min

Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

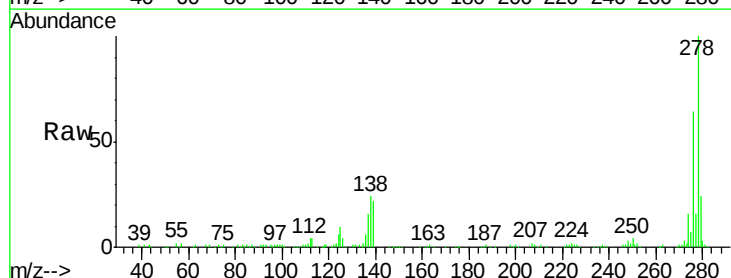
Tgt Ion:278 Resp: 247423

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

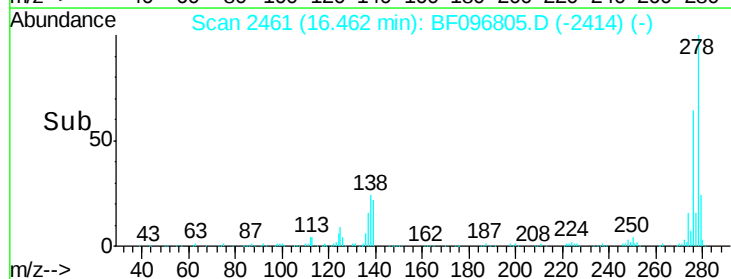
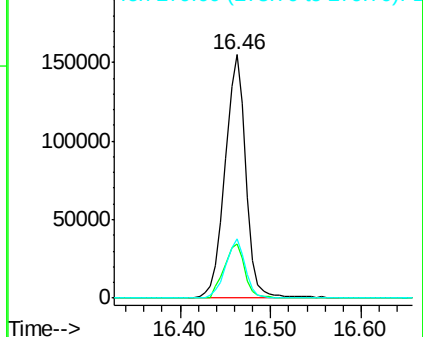
279 24.1 19.3 28.9

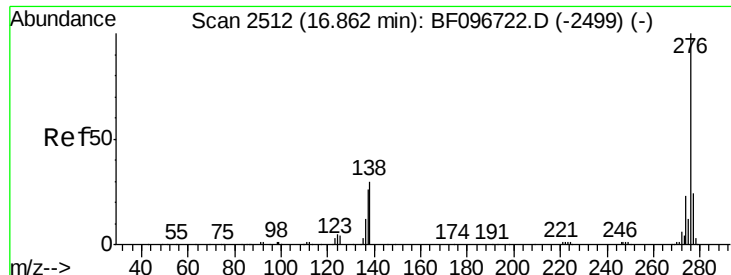


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.40 ng

RT: 16.84 min Scan# 2525

Delta R.T. -0.02 min

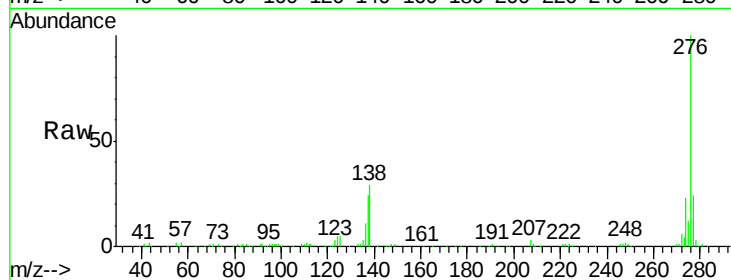
Lab File: BF096805.D

Acq: 15 Jul 2017 7:21

Instrument :

BNA_F

ClientSampleId :



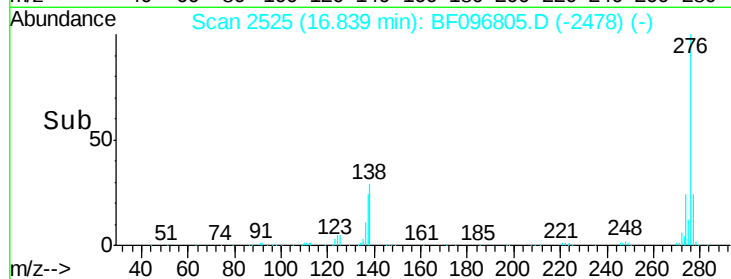
Tot Ion: 276 Resp: 239951

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 29.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

