

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096689.D
 Acq On : 12 Jul 2017 14:03
 Operator : SJ/JU
 Sample : PB100575BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 15:54:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	98226	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	429231	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	222336	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	368554	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	217498	20.00	ng	-0.03
86) Perylene-d12	15.20	264	187307	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	906065	136.15	ng	-0.02
7) Phenol-d6	6.32	99	1139249	139.25	ng	-0.03
23) Nitrobenzene-d5	7.23	82	591516	82.81	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	214254	123.37	ng	-0.03
44) 2-Fluorobiphenyl	9.03	172	1227115	94.37	ng	-0.03
78) Terphenyl-d14	12.77	244	896362	88.06	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	129223	40.950	ng	# 78
3) Pyridine	3.06	79	337060	38.929	ng	# 66
4) n-Nitrosodimethylamine	2.99	42	206265	48.265	ng	# 83
6) Aniline	6.33	93	296580	28.047	ng	# 18
8) 2-Chlorophenol	6.46	128	299223	42.163	ng	# 96
9) Benzaldehyde	6.21	77	197721	38.615	ng	# 96
10) Phenol	6.33	94	399886	42.903	ng	# 79
11) bis(2-Chloroethyl)ether	6.41	93	336288	46.687	ng	# 91
12) 1,3-Dichlorobenzene	6.61	146	313104	42.077	ng	# 99
13) 1,4-Dichlorobenzene	6.69	146	315708	42.448	ng	# 96
14) 1,2-Dichlorobenzene	6.84	146	293585	42.991	ng	# 98
15) Benzyl Alcohol	6.82	79	238842	43.672	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	600839	41.031	ng	# 92
17) 2-Methylphenol	6.93	107	245317	43.374	ng	# 97
18) Hexachloroethane	7.18	117	117032	43.403	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	199643	40.961	ng	# 82
20) 3+4-Methylphenols	7.09	107	298474	47.314	ng	# 85
22) Acetophenone	7.08	105	397760	42.411	ng	# 96
24) Nitrobenzene	7.25	77	301049	40.175	ng	# 92
25) Isophorone	7.50	82	650383	46.960	ng	# 96
26) 2-Nitrophenol	7.57	139	181436	45.745	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	303326	44.914	ng	# 97
28) bis(2-Chloroethoxy)methane	7.70	93	447842	48.985	ng	# 99
29) 2,4-Dichlorophenol	7.82	162	263733	45.262	ng	# 98
30) 1,2,4-Trichlorobenzene	7.89	180	241389	43.917	ng	# 97
31) Naphthalene	7.97	128	900758	44.452	ng	# 99
32) Benzoic acid	7.73	122	94643	16.686	ng	# 91
33) 4-Chloroaniline	8.02	127	170122	20.212	ng	# 96
34) Hexachlorobutadiene	8.10	225	129393	45.898	ng	# 99
35) Caprolactam	8.40	113	56951	28.344	ng	# 66
36) 4-Chloro-3-methylphenol	8.52	107	327097	50.733	ng	# 88
37) 2-Methylnaphthalene	8.66	142	702907	54.494	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	235286	40.756	ng	# 99
40) Hexachlorocyclopentadiene	8.82	237	214023	76.246	ng	# 97

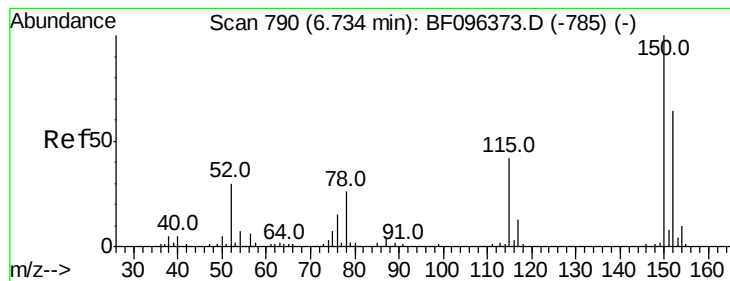
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	192768	42.210	ng	97
43) 2,4,5-Trichlorophenol	8.99	196	201066	44.528	ng	94
45) 1,1'-Biphenyl	9.13	154	774585	40.660	ng	98
46) 2-Chloronaphthalene	9.15	162	605309	42.637	ng	93
47) 2-Nitroaniline	9.25	65	231841	44.880	ng	97
48) Acenaphthylene	9.56	152	968348	43.046	ng	99
49) Dimethylphthalate	9.43	163	746529	44.978	ng	99
50) 2,6-Dinitrotoluene	9.49	165	164226	44.744	ng	# 79
51) Acenaphthene	9.74	154	556123	40.106	ng	99
52) 3-Nitroaniline	9.66	138	123432	26.963	ng	87
53) 2,4-Dinitrophenol	9.77	184	95456	48.966	ng	# 75
54) Dibenzofuran	9.91	168	830608	45.370	ng	99
55) 4-Nitrophenol	9.83	139	292897	77.193	ng	# 63
56) 2,4-Dinitrotoluene	9.90	165	213995	46.041	ng	# 75
57) Fluorene	10.25	166	534127	41.310	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	143408	45.904	ng	99
59) Diethylphthalate	10.13	149	615492	39.233	ng	100
60) 4-Chlorophenyl-phenylether	10.25	204	225830	40.143	ng	95
61) 4-Nitroaniline	10.27	138	165600	39.783	ng	91
62) Azobenzene	10.40	77	591981	39.024	ng	93
64) 4,6-Dinitro-2-methylphenol	10.31	198	71162	27.997	ng	# 72
65) n-Nitrosodiphenylamine	10.36	169	509491	39.400	ng	97
66) 4-Bromophenyl-phenylether	10.73	248	149174	41.579	ng	97
67) Hexachlorobenzene	10.80	284	159865	40.705	ng	# 92
68) Atrazine	10.90	200	156804	42.444	ng	94
69) Pentachlorophenol	11.00	266	139808	60.063	ng	98
70) Phenanthrene	11.21	178	909121	45.631	ng	99
71) Anthracene	11.26	178	936019	46.104	ng	99
72) Carbazole	11.42	167	913878	44.759	ng	99
73) Di-n-butylphthalate	11.75	149	1049180	42.425	ng	99
74) Fluoranthene	12.39	202	833346	42.662	ng	99
76) Benzidine	12.51	184	227518	21.801	ng	# 93
77) Pyrene	12.62	202	921975	52.811	ng	100
79) Butylbenzylphthalate	13.24	149	413581	46.798	ng	# 86
80) Benzo(a)anthracene	13.80	228	581709	46.186	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	134221	25.946	ng	98
82) Chrysene	13.84	228	596524	45.227	ng	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	477750	48.430	ng	99
84) Di-n-octyl phthalate	14.42	149	856546	44.092	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.54	276	477795	45.893	ng	96
87) Benzo(b)fluoranthene	14.82	252	515638	43.934	ng	98
88) Benzo(k)fluoranthene	14.82	252	515638	49.115	ng	96
89) Benzo(a)pyrene	15.15	252	484095	46.199	ng	99
90) Dibenzo(a,h)anthracene	16.55	278	389643	47.268	ng	# 94
91) Benzo(g,h,i)perylene	16.94	276	420569	49.236	ng	98

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

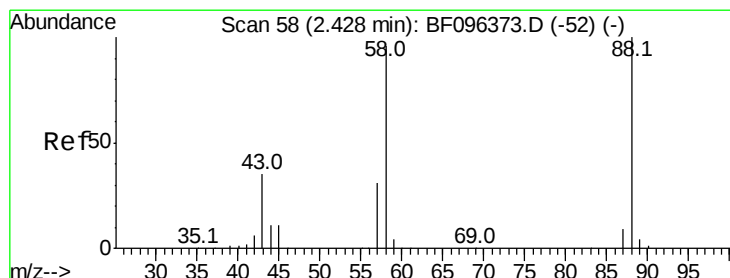
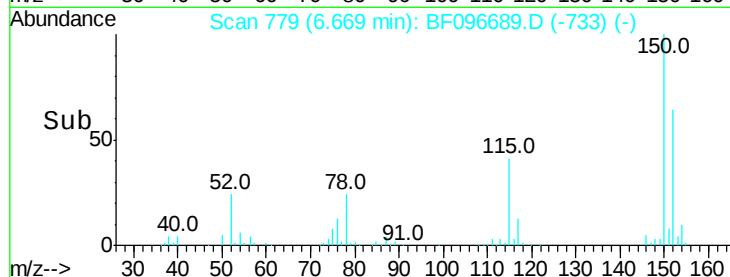
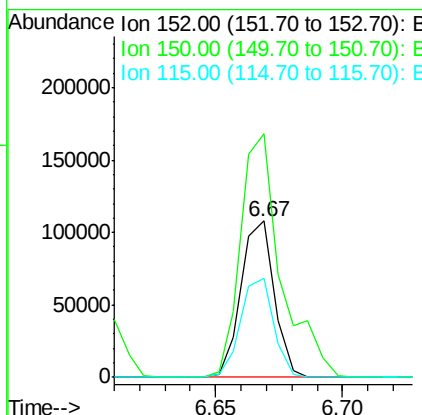
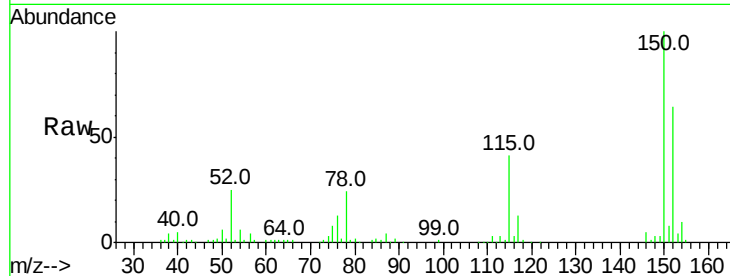


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

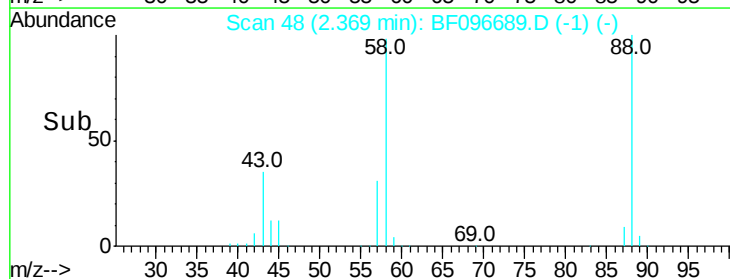
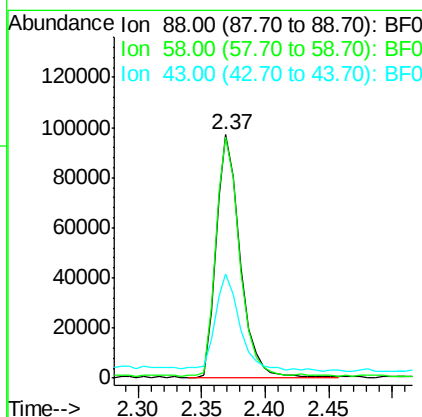
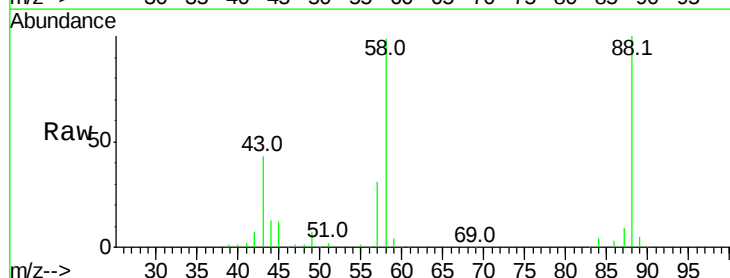
Tot Ion:152 Resp: 98226
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 63.3 52.2 78.2

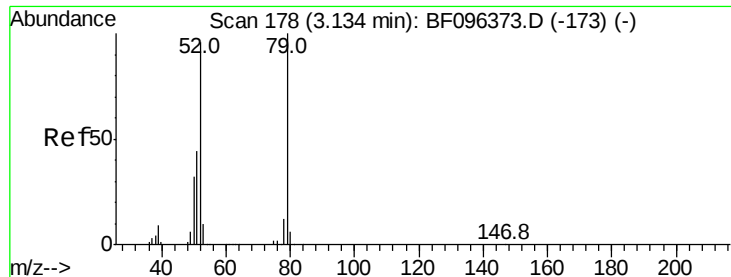


#2

1,4-Dioxane
Concen: 40.950 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.01 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion: 88 Resp: 129223
Ion Ratio Lower Upper
88 100
58 96.1 61.4 92.0#
43 39.9 23.4 35.0#





#3

Pvridine

Concen: 38.929 ng

RT: 3.06 min Scan# 165

Delta R.T. 0.01 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

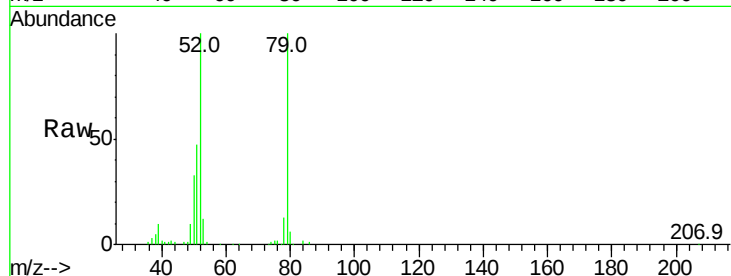
Tot Ion: 79 Resp: 337060

Ion Ratio Lower Upper

79 100

52 100.4 54.8 82.2#

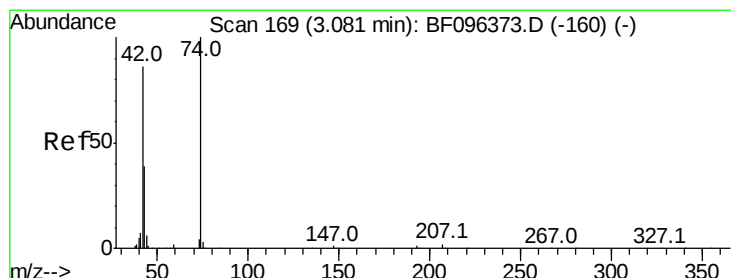
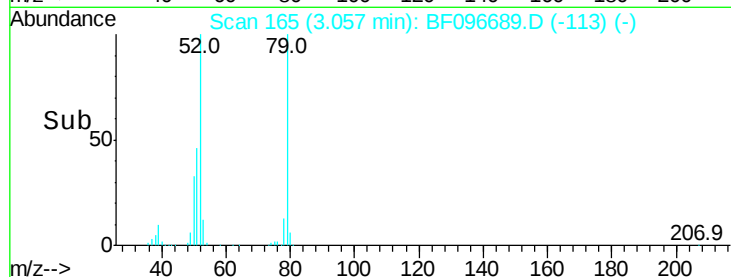
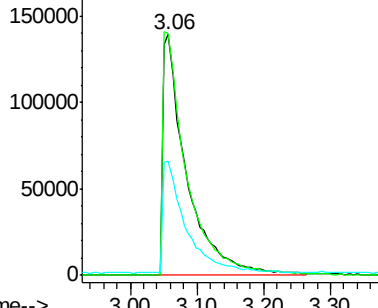
51 47.5 27.0 40.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.265 ng

RT: 2.99 min Scan# 154

Delta R.T. -0.01 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

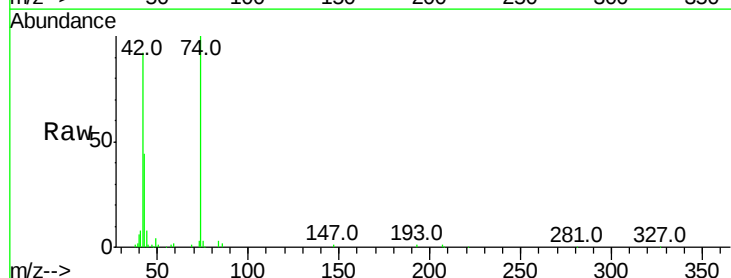
Tgt Ion: 42 Resp: 206265

Ion Ratio Lower Upper

42 100

74 109.0 103.9 155.9

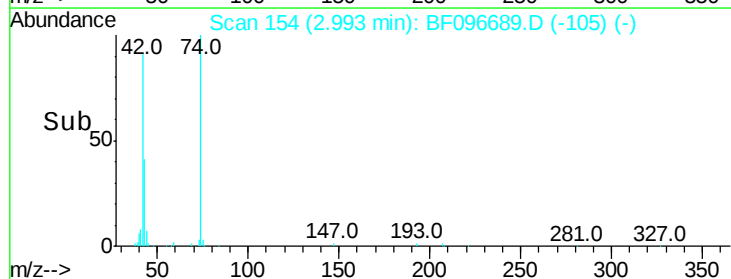
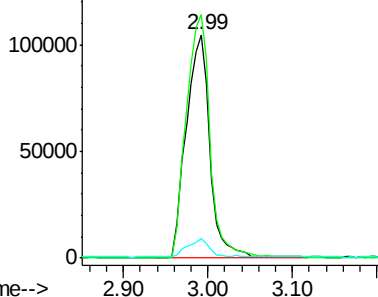
44 8.5 5.7 8.5

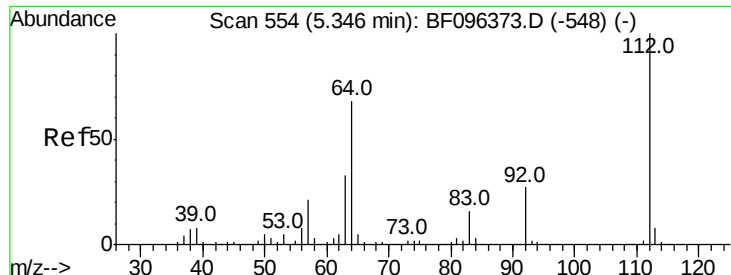


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 136.148 ng

RT: 5.29 min Scan# 545

Delta R.T. -0.02 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

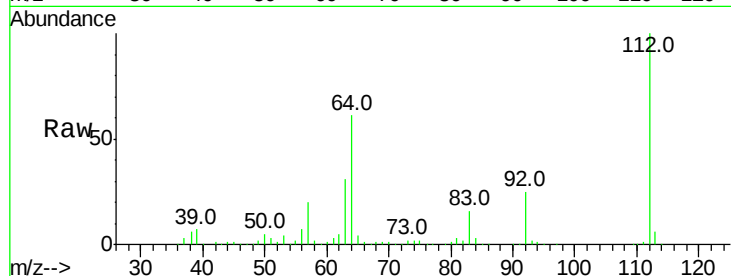
Tot Ion:112 Resp: 906065

Ion Ratio Lower Upper

112 100

64 61.4 46.0 69.0

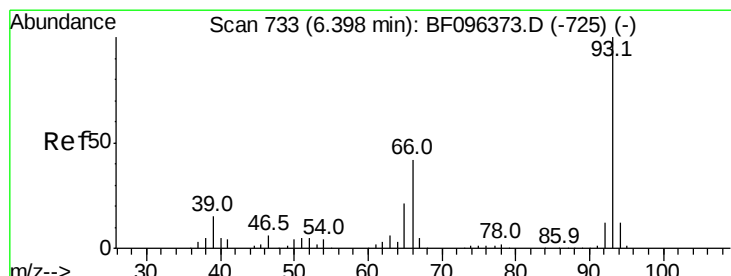
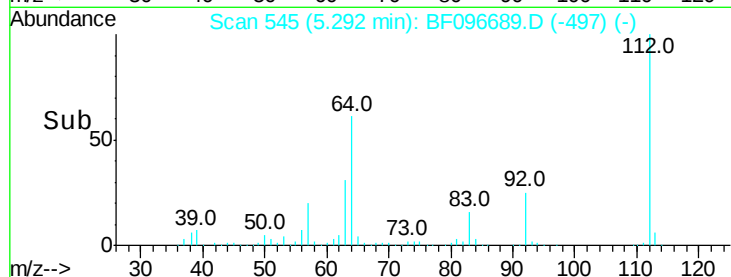
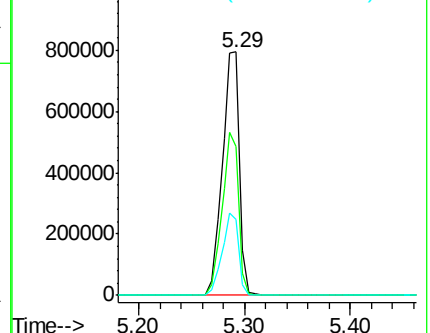
63 31.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.047 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

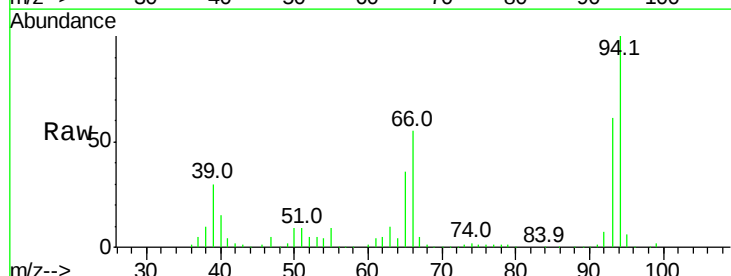
Tgt Ion: 93 Resp: 296580

Ion Ratio Lower Upper

93 100

66 91.1 32.9 49.3#

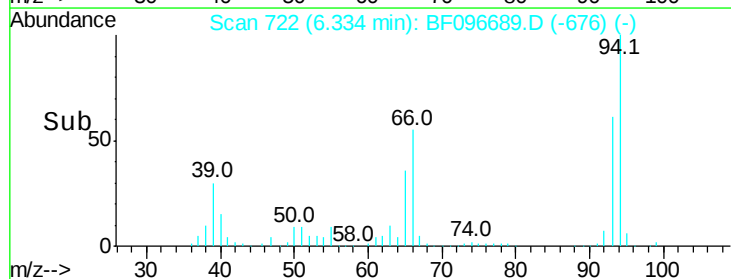
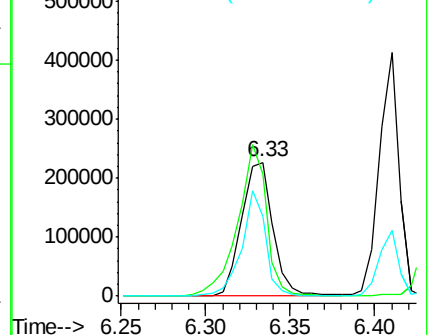
65 60.1 16.0 24.0#

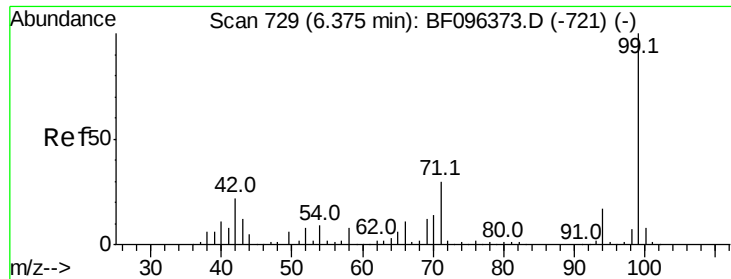


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.248 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

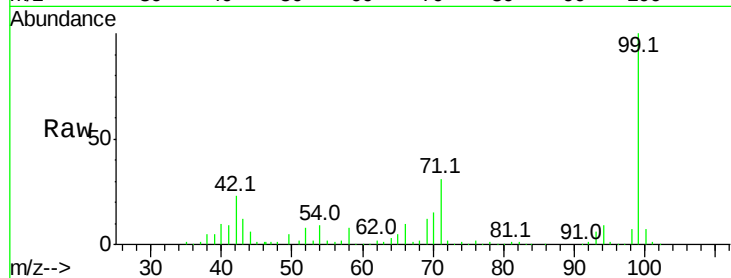
Instrument :

BNA_F

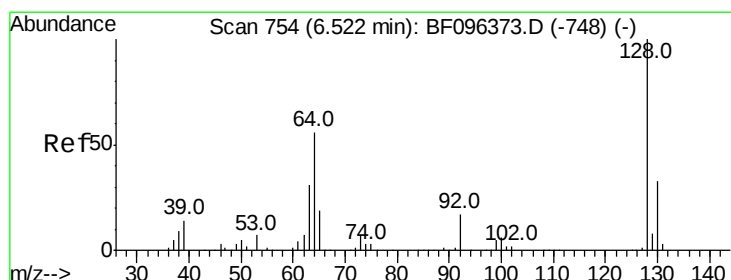
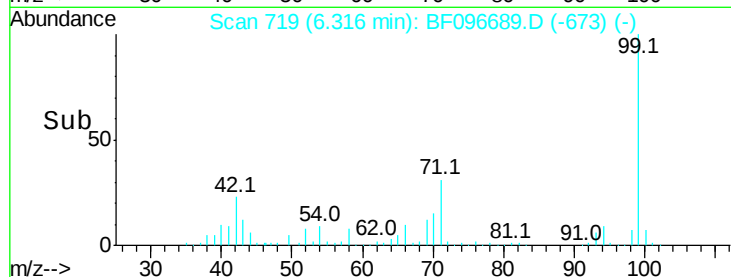
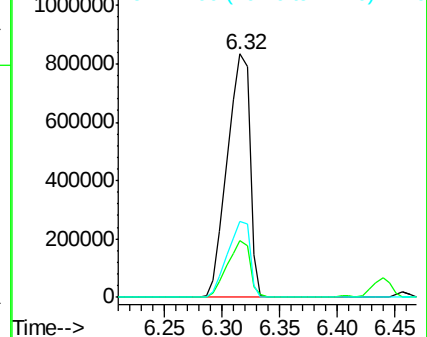
ClientSampleId :

Tot Ion: 99 Resp: 1139249

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	31.3	24.5	36.7



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



#8

2-Chlorophenol

Concen: 42.163 ng

RT: 6.46 min Scan# 743

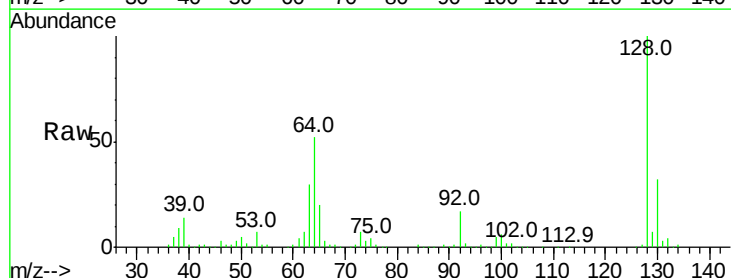
Delta R.T. -0.03 min

Lab File: BF096689.D

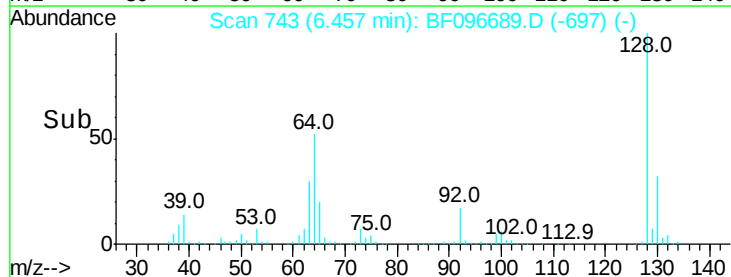
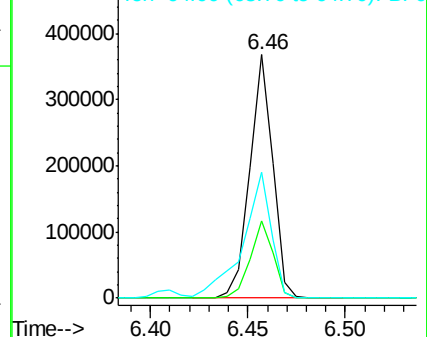
Acq: 12 Jul 2017 14:03

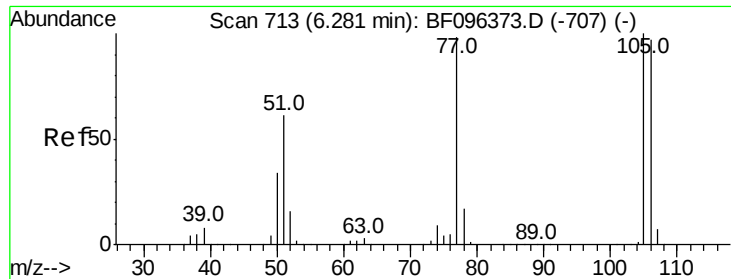
Tgt Ion:128 Resp: 299223

Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.9	52.9
64	51.7	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

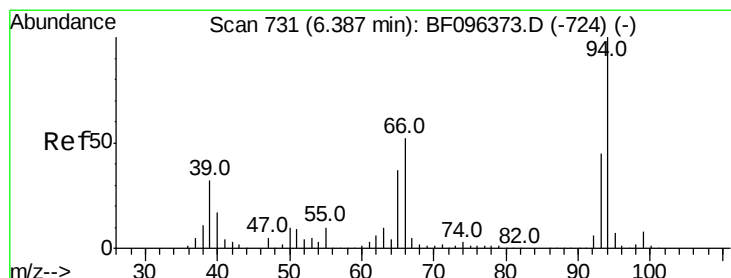
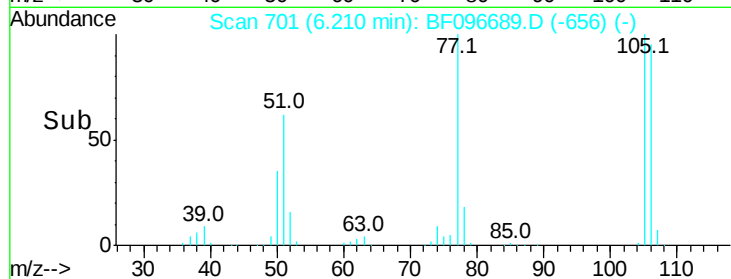
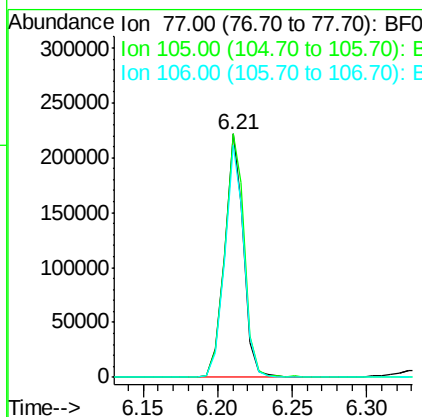
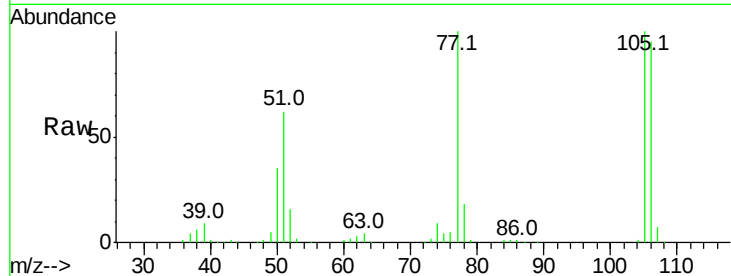




#9
Benzaldehyde
Concen: 38.615 ng
RT: 6.21 min Scan# 701
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

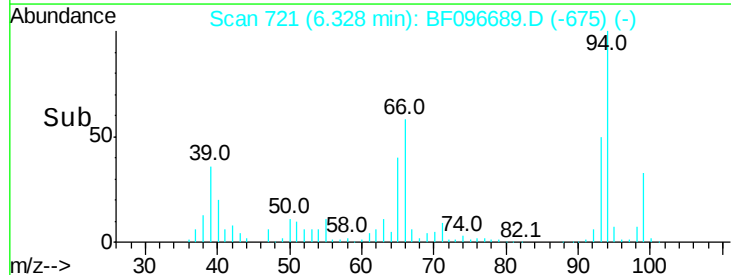
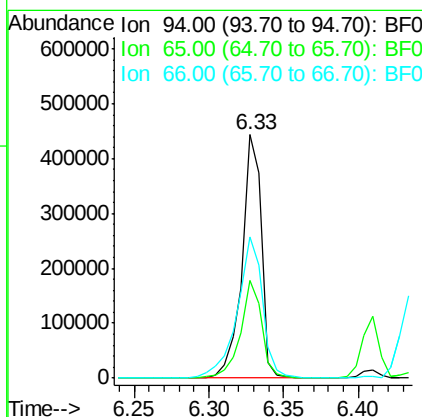
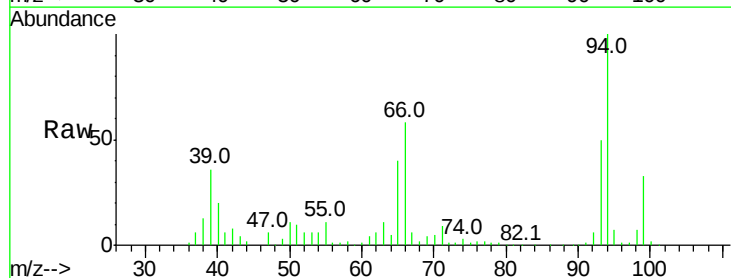
Instrument :
BNA_F
ClientSampleId :

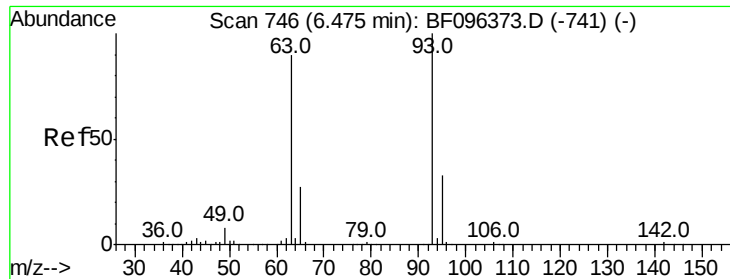
Tot Ion: 77 Resp: 197721
Ion Ratio Lower Upper
77 100
105 100.1 83.8 123.8
106 95.5 79.1 119.1



#10
Phenol
Concen: 42.903 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion: 94 Resp: 399886
Ion Ratio Lower Upper
94 100
65 40.2 9.9 49.9
66 57.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 46.687 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

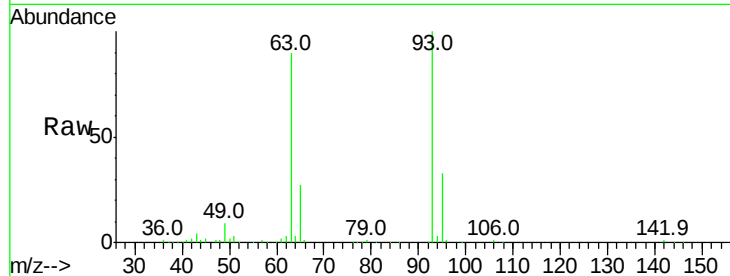
Tot Ion: 93 Resp: 336288

Ion Ratio Lower Upper

93 100

63 89.7 59.2 99.2

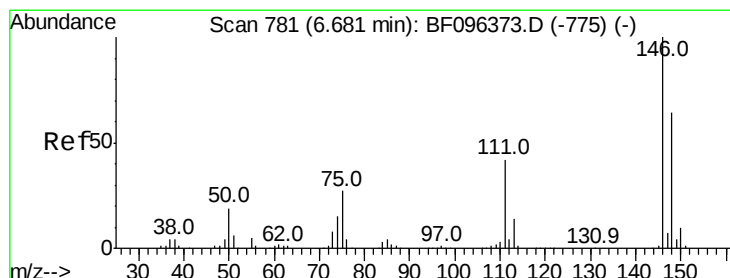
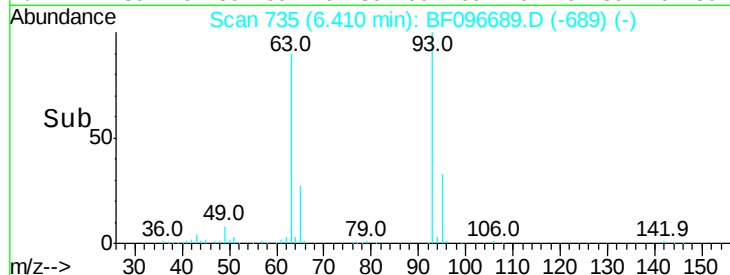
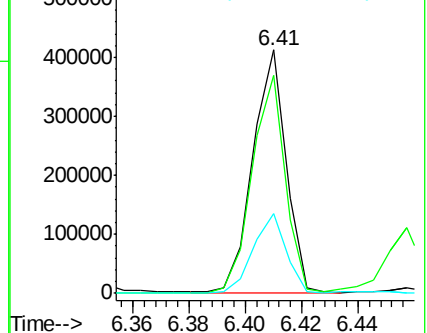
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.077 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

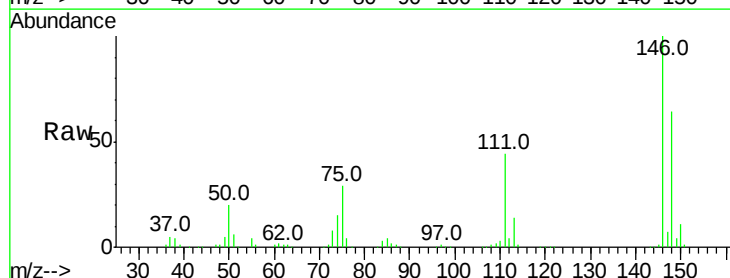
Tgt Ion: 146 Resp: 313104

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

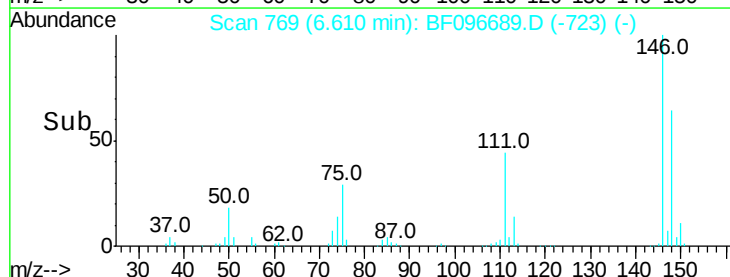
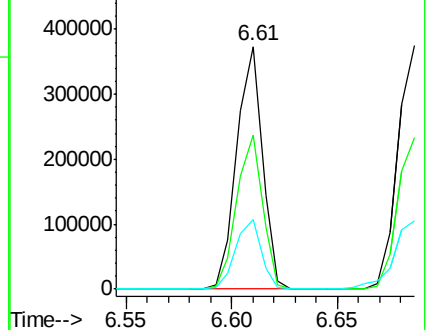
75 28.8 23.1 34.7

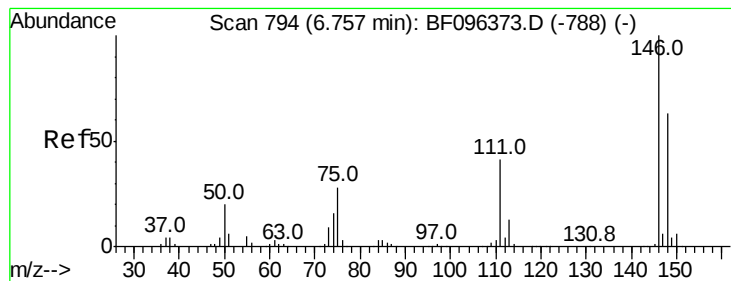


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.448 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampled :

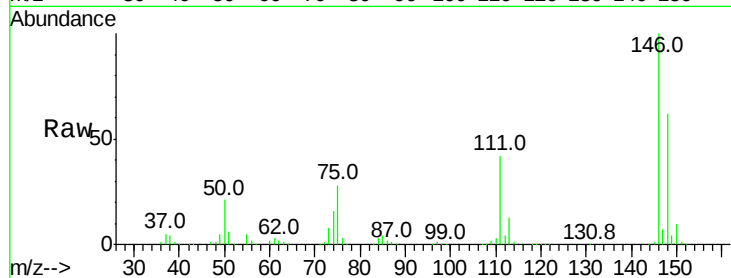
Tot Ion:146 Resp: 315708

Ion Ratio Lower Upper

146 100

148 62.4 52.2 78.2

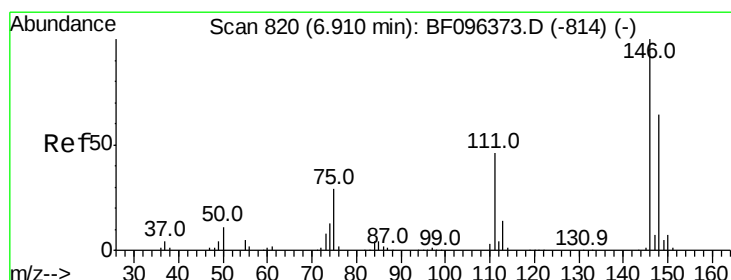
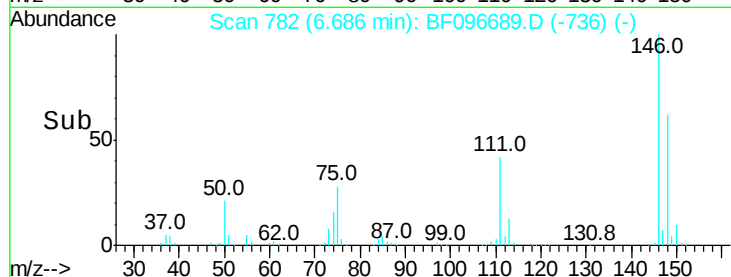
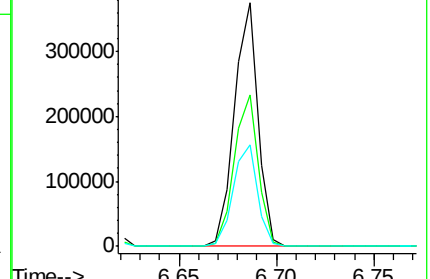
111 41.5 30.3 45.5



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: 42.991 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

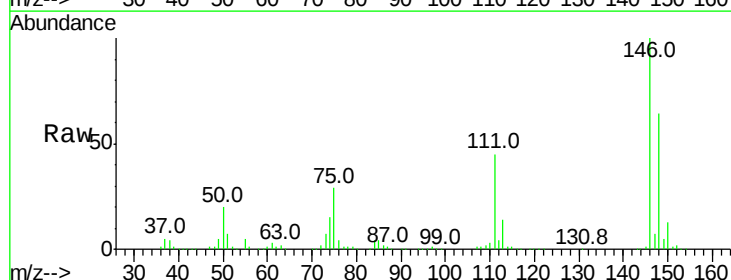
Tgt Ion:146 Resp: 293585

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

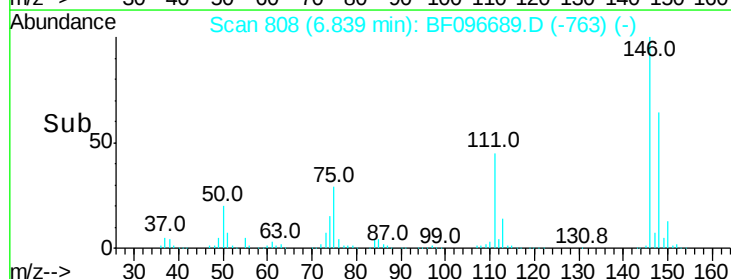
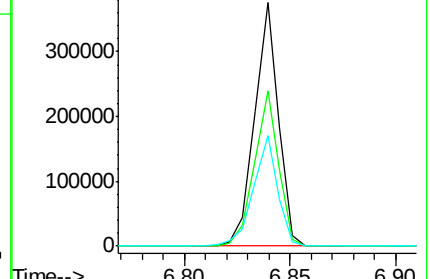
111 45.3 38.2 57.4

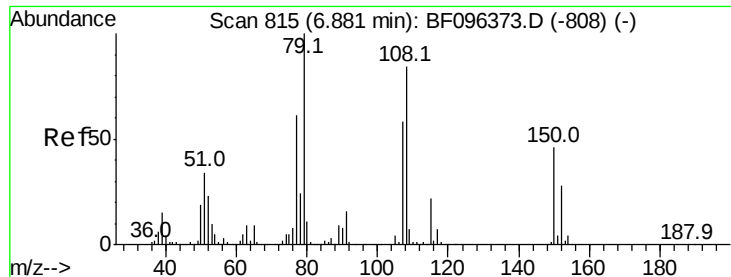


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.672 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

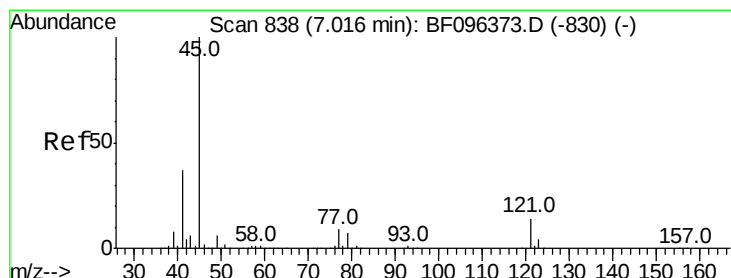
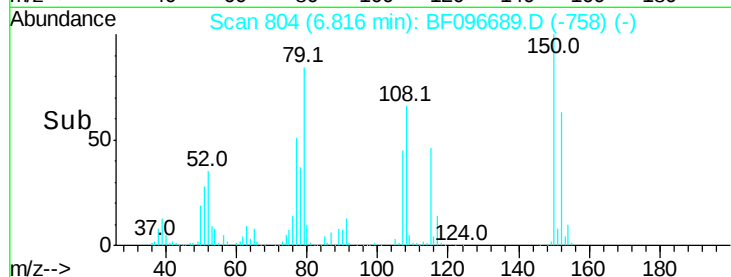
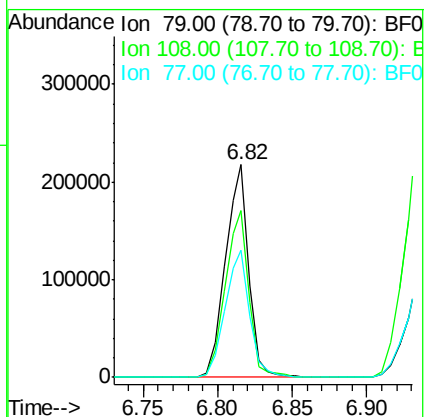
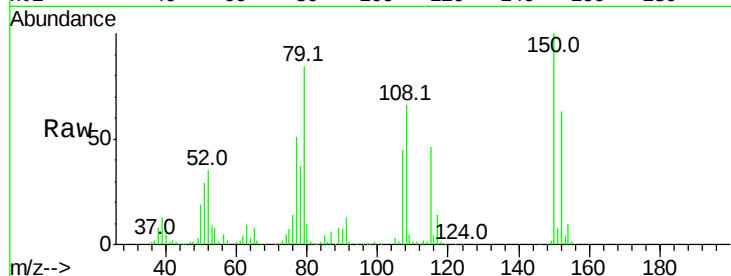
Tot Ion: 79 Resp: 238842

Ion Ratio Lower Upper

79 100

108 78.5 63.4 95.0

77 59.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.031 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

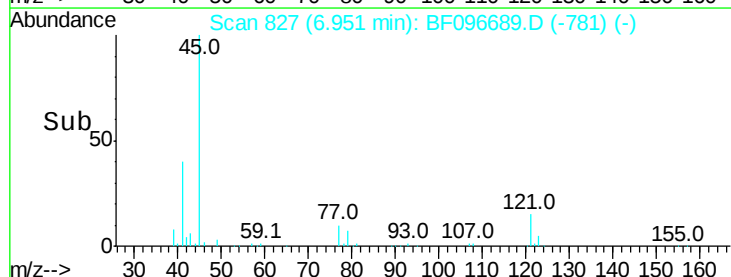
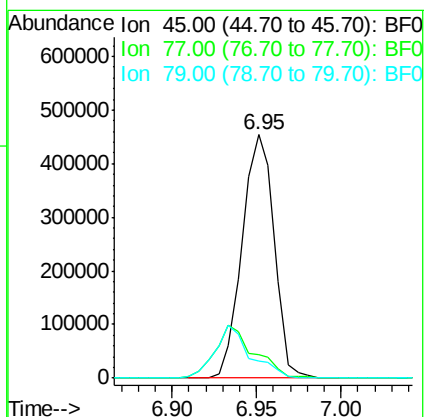
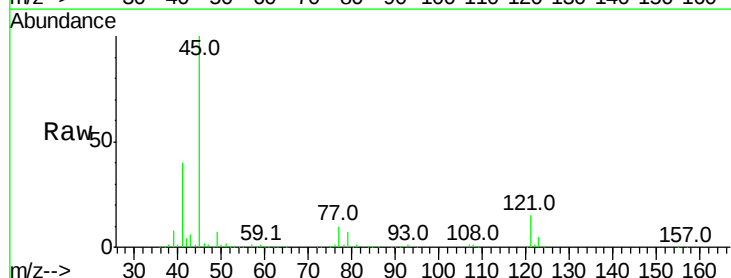
Tgt Ion: 45 Resp: 600839

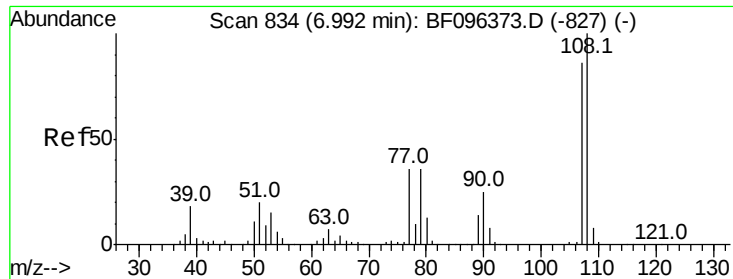
Ion Ratio Lower Upper

45 100

77 9.8 0.0 33.2

79 7.1 0.0 30.0





#17

2-Methylphenol

Concen: 43.374 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BF096689.D

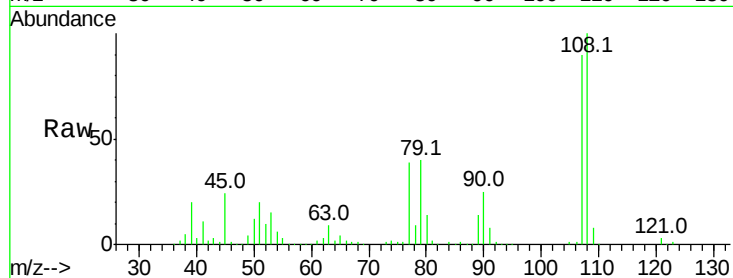
Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	245317
Ion	Ratio	Lower	Upper
107	100		
108	111.5	93.4	140.0
77	43.9	35.8	53.6
79	44.5	34.8	52.2

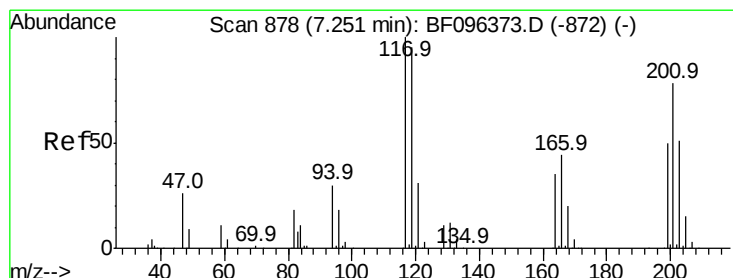
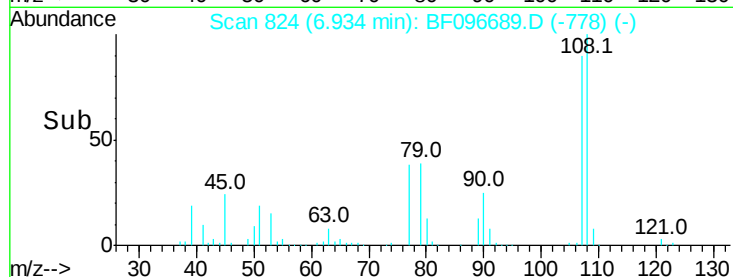
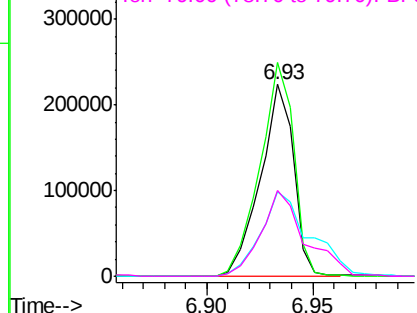


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.403 ng

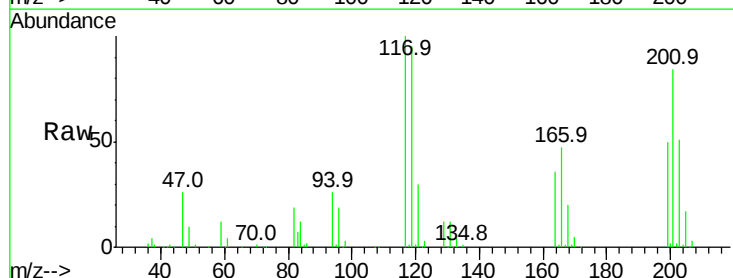
RT: 7.18 min Scan# 866

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

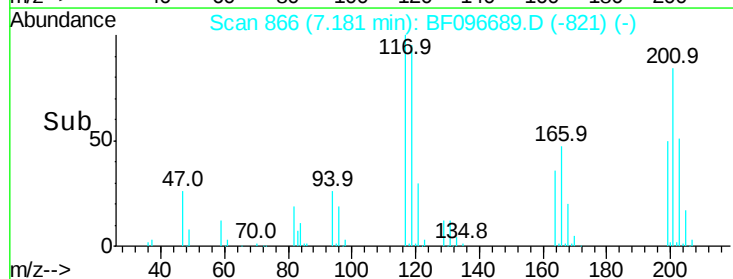
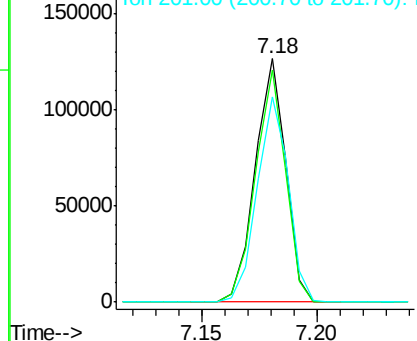
Tgt Ion:	117	Resp:	117032
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.4	116.0
201	84.1	94.6	141.8#

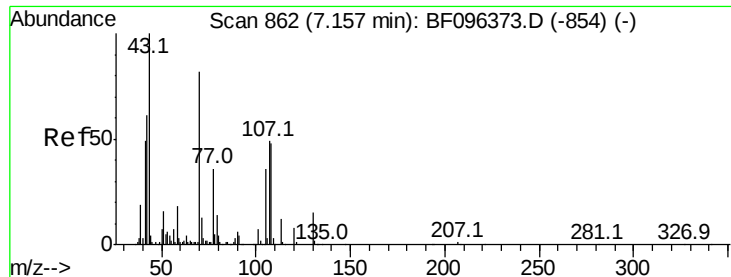


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

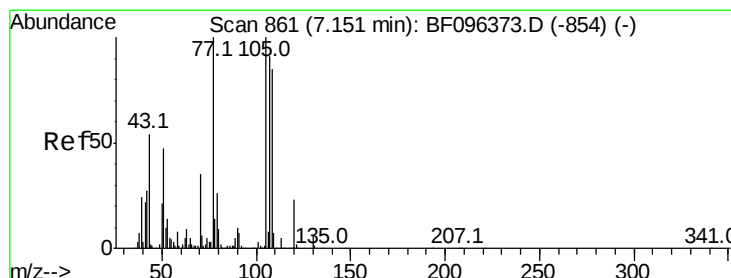
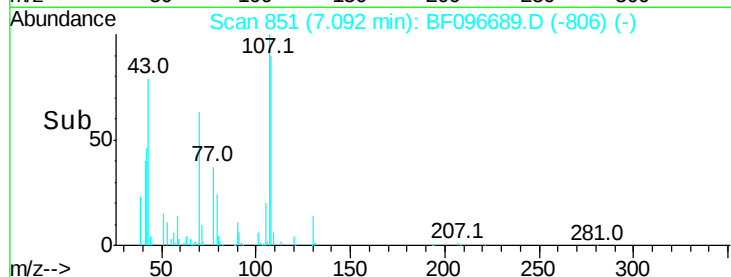
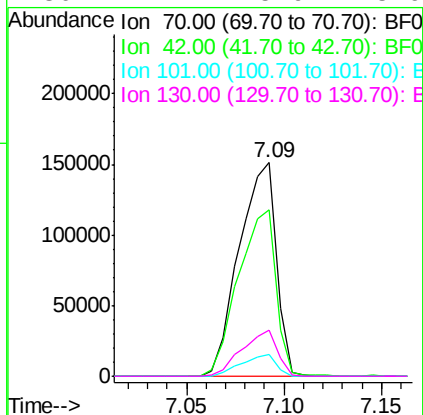
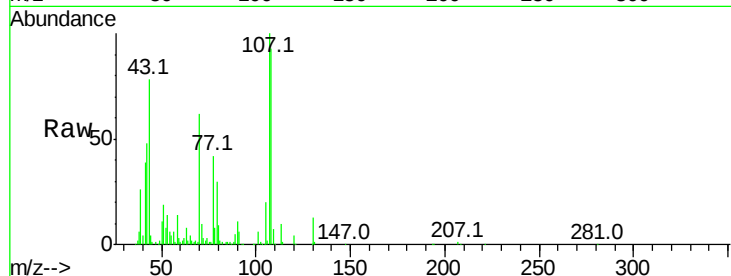




#19
n-Nitroso-di-n-propylamine
Concen: 40.961 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

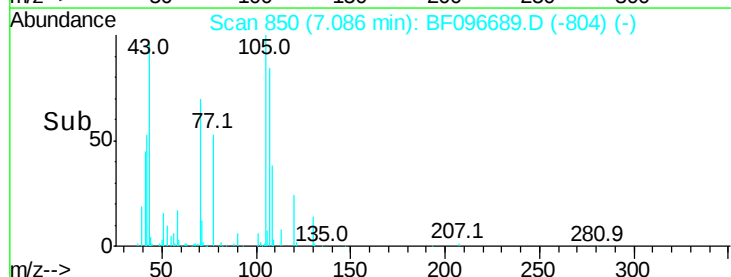
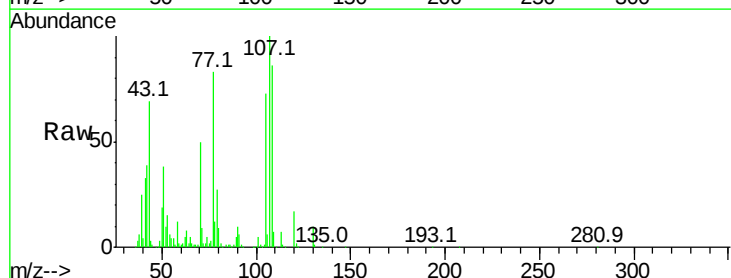
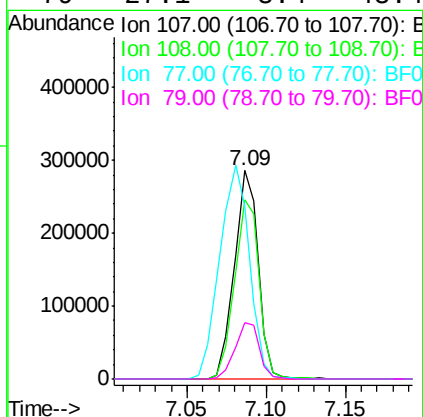
Instrument :
BNA_F
ClientSampleId :

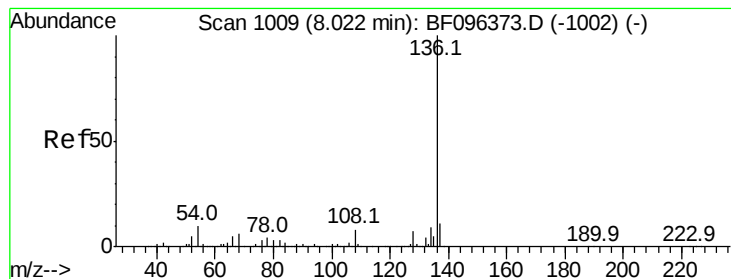
Tot Ion: 70 Resp: 199643
Ion Ratio Lower Upper
70 100
42 77.8 47.2 70.8#
101 9.9 7.2 10.8
130 21.4 15.9 23.9



#20
3+4-Methylphenols
Concen: 47.314 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion: 107 Resp: 298474
Ion Ratio Lower Upper
107 100
108 86.4 71.0 111.0
77 82.8 90.5 130.5#
79 27.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

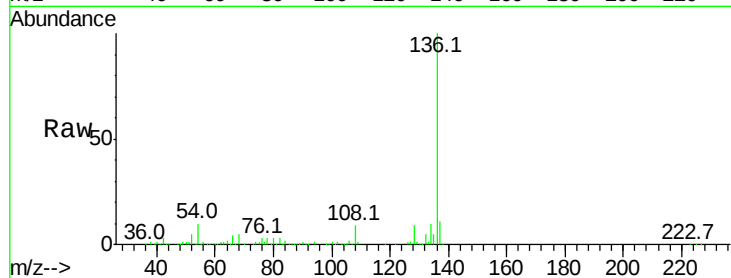
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 429231

Ion Ratio Lower Upper

136	100		
137	10.6	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1



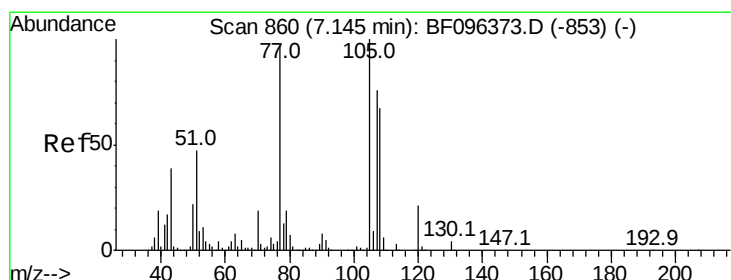
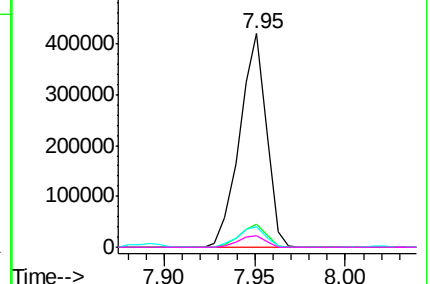
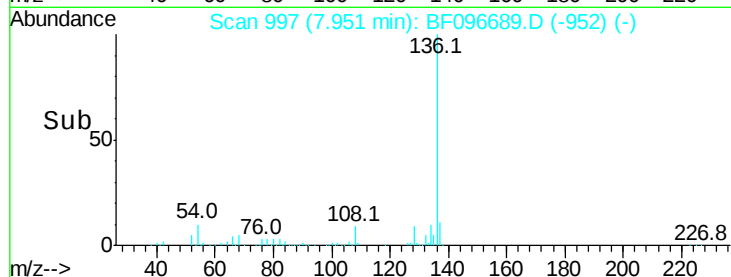
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.411 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.04 min

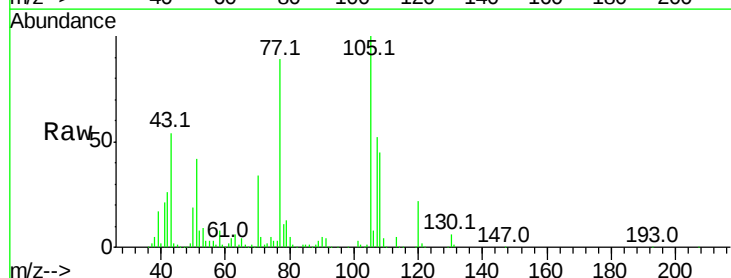
Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Tgt Ion:105 Resp: 397760

Ion Ratio Lower Upper

105	100		
71	5.2	2.8	4.2#
51	42.0	30.7	46.1
120	21.7	17.4	26.0



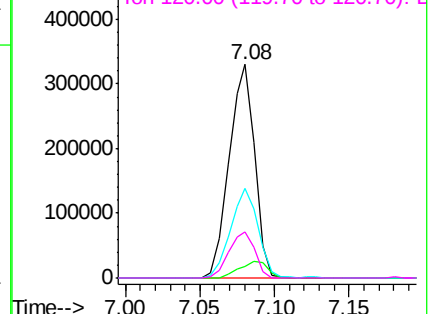
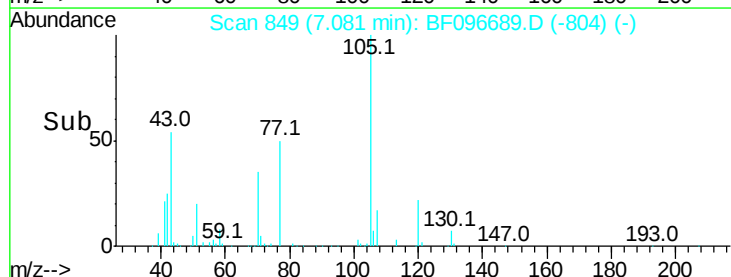
Abundance

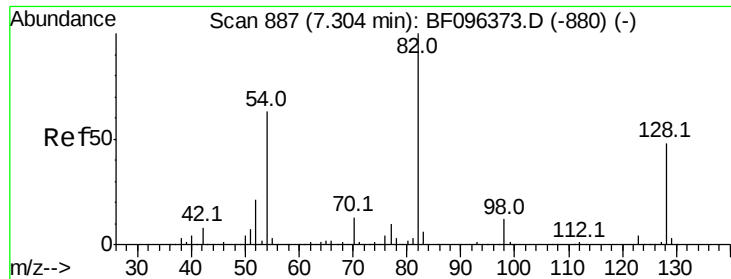
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

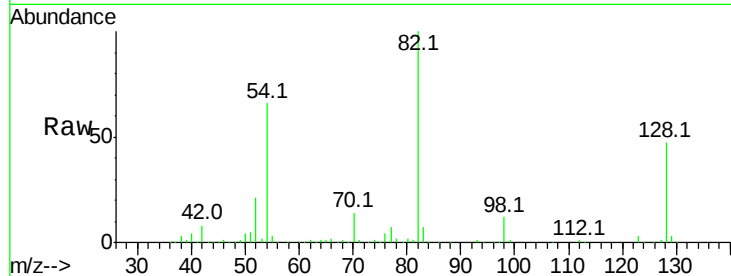




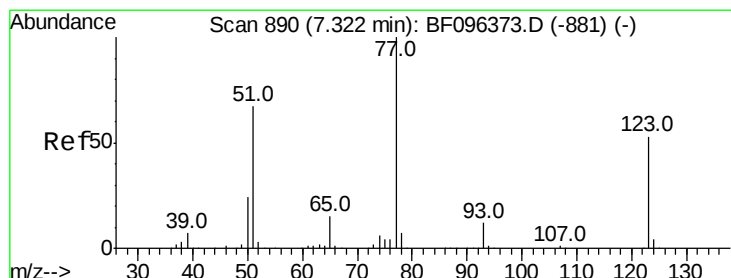
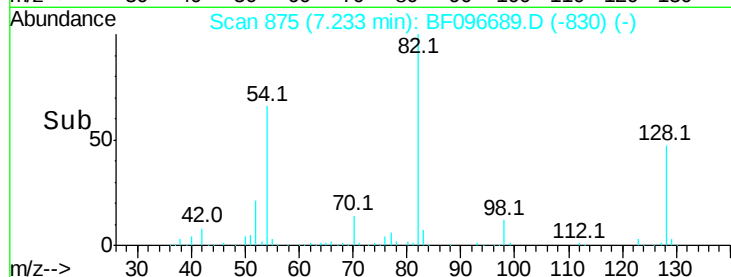
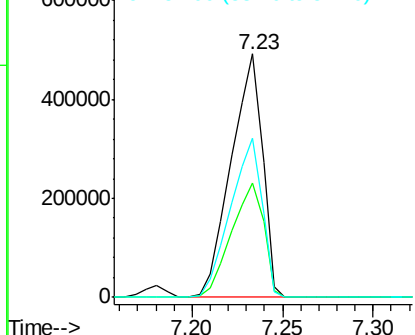
#23
 Nitrobenzene-d5
 Concen: 82.810 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 591516
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 65.6 42.2 63.2#

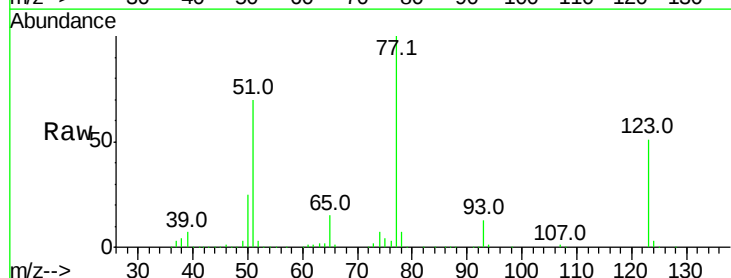


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

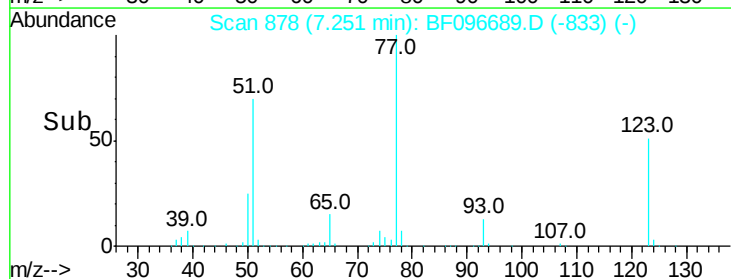
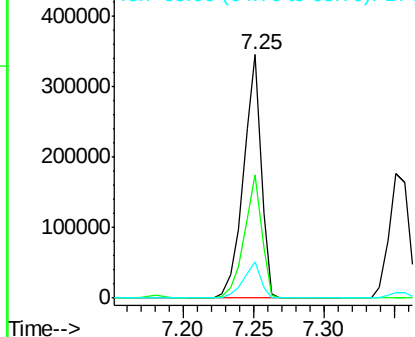


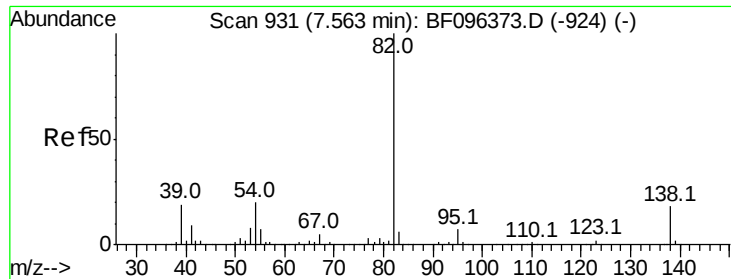
#24
 Nitrobenzene
 Concen: 40.175 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion: 77 Resp: 301049
 Ion Ratio Lower Upper
 77 100
 123 50.8 35.8 53.8
 65 14.9 10.6 15.8



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





#25

Isophorone

Concen: 46.960 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

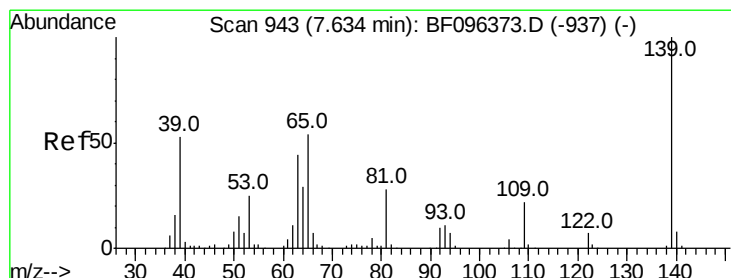
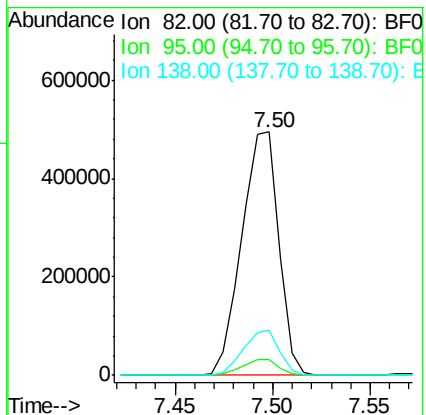
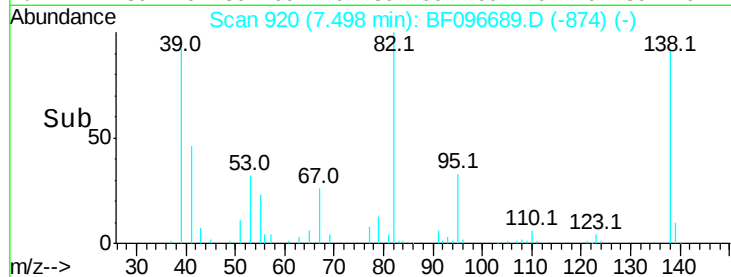
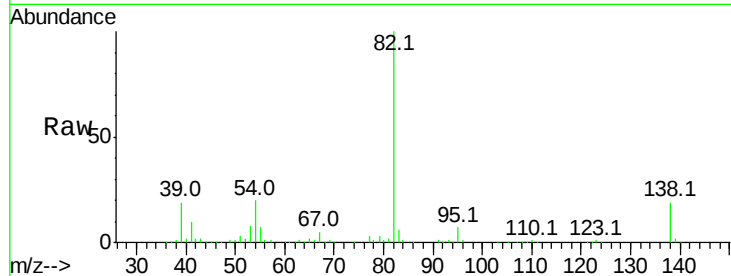
Tot Ion: 82 Resp: 650383

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 45.745 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

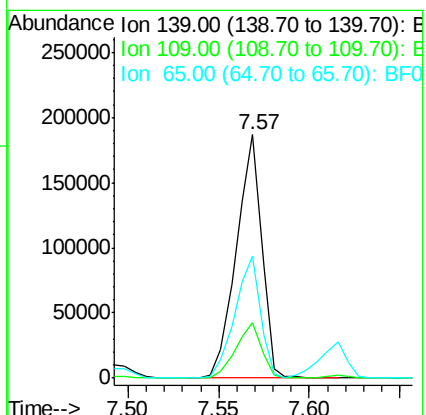
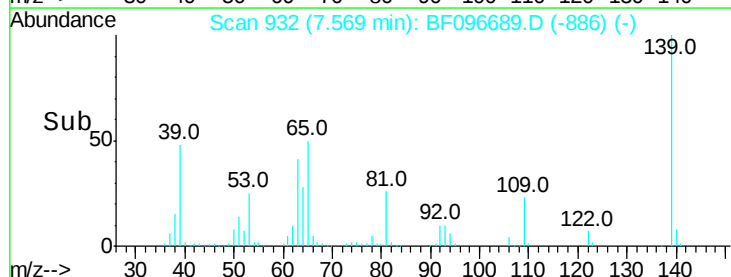
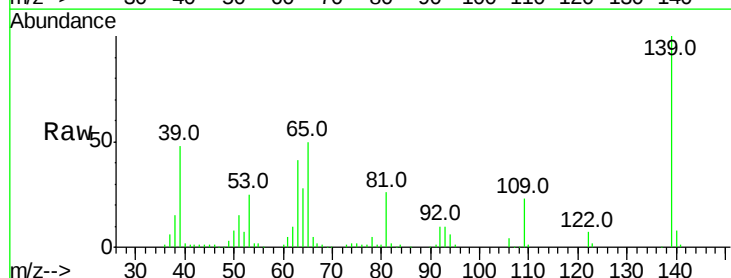
Tgt Ion: 139 Resp: 181436

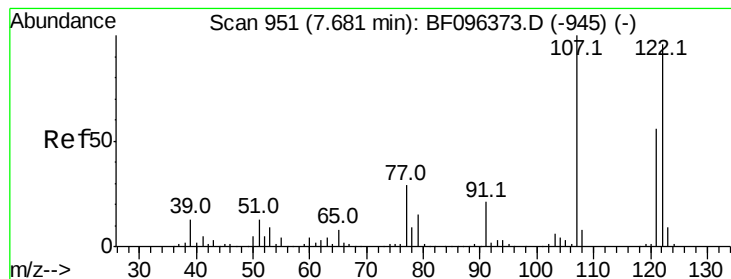
Ion Ratio Lower Upper

139 100

109 22.8 21.0 31.6

65 50.0 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 44.914 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

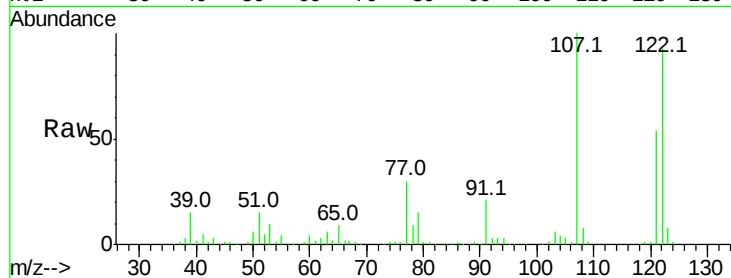
Tot Ion:122 Resp: 303326

Ion Ratio Lower Upper

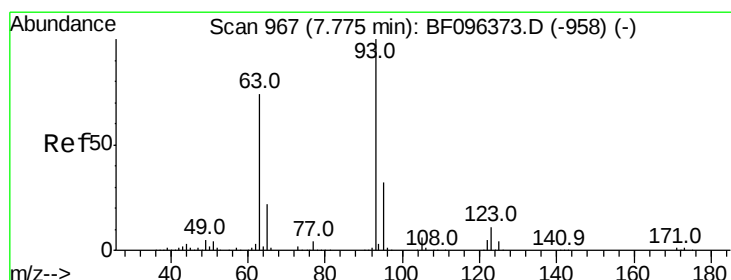
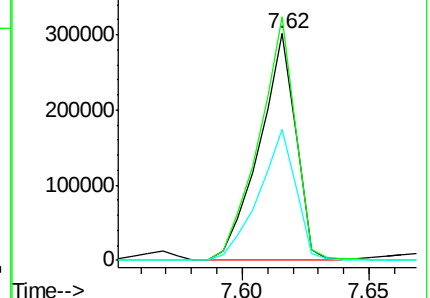
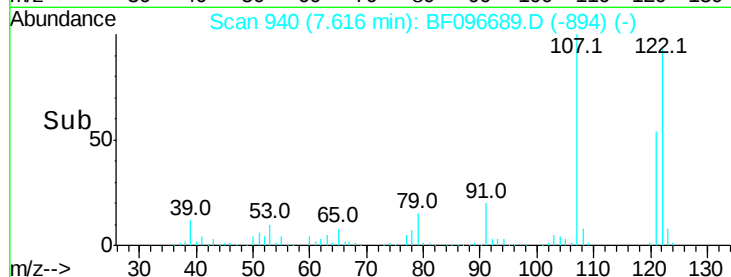
122 100

107 107.5 89.2 133.8

121 58.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.985 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

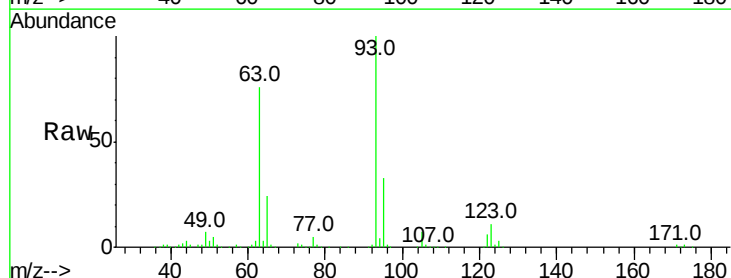
Tgt Ion: 93 Resp: 447842

Ion Ratio Lower Upper

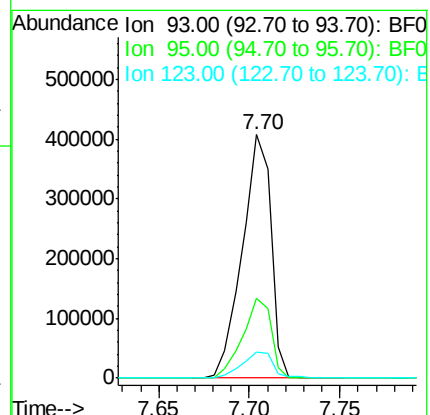
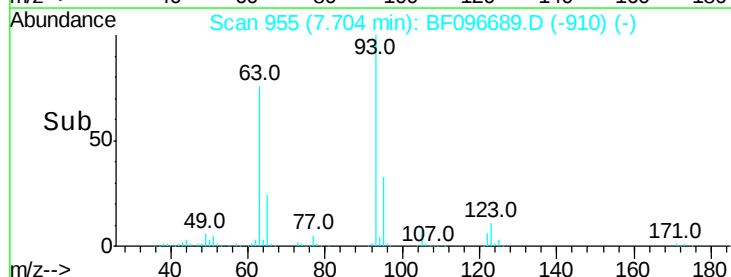
93 100

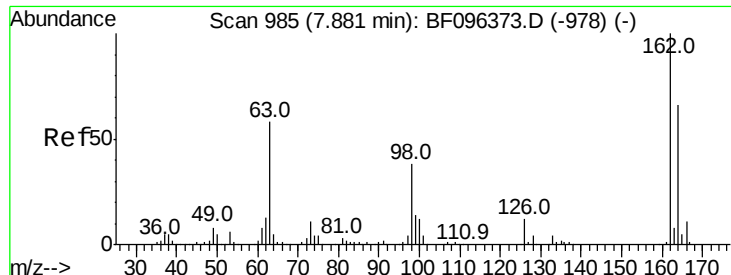
95 32.8 26.5 39.7

123 10.8 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

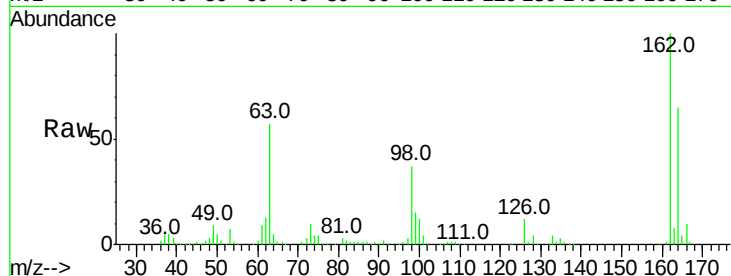




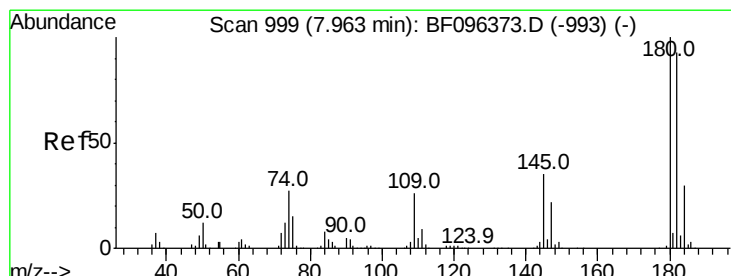
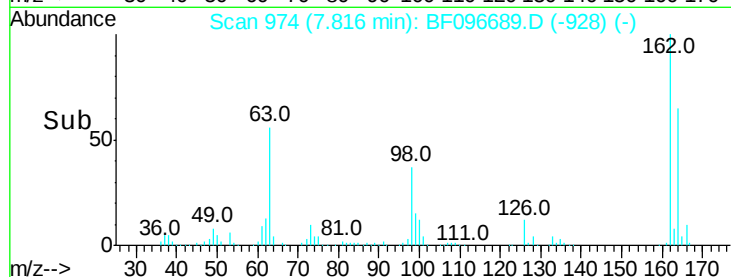
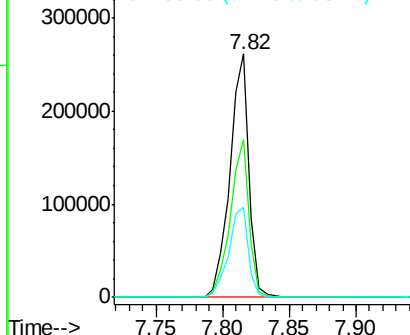
#29
 2,4-Dichlorophenol
 Concen: 45.262 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.6	84.6
98	37.0	14.8	54.8

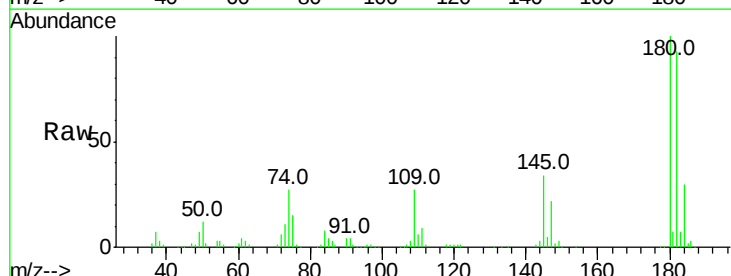


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

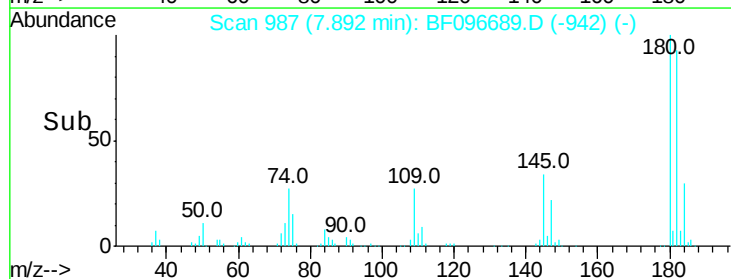
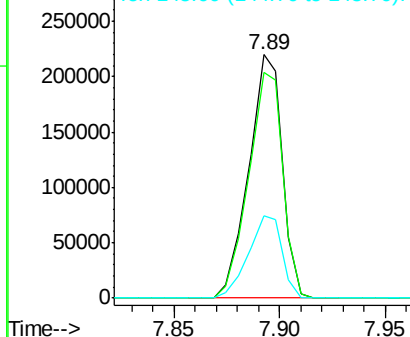


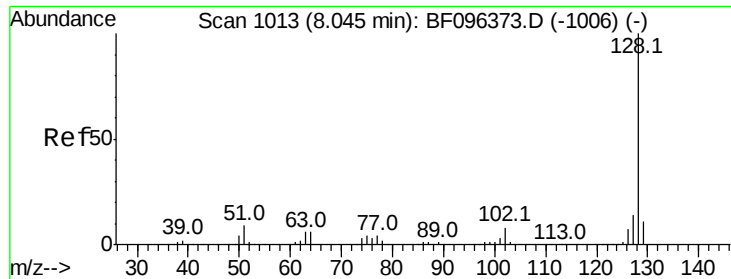
#30
 1,2,4-Trichlorobenzene
 Concen: 43.917 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	75.8	113.6
145	34.0	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

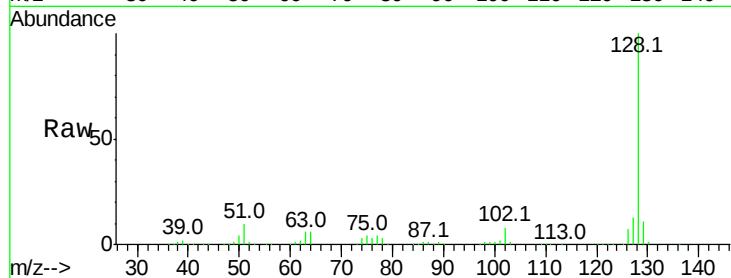




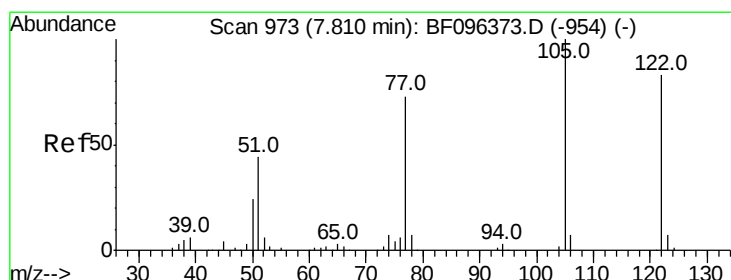
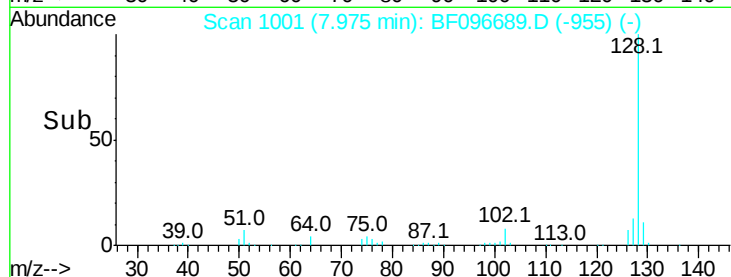
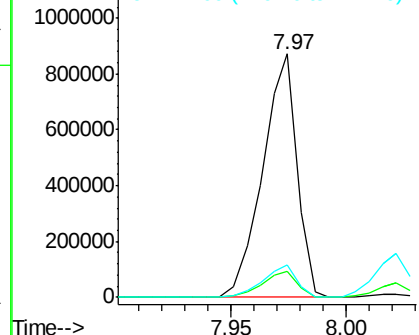
#31
Naphthalene
Concen: 44.452 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 900758
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 13.1 10.8 16.2

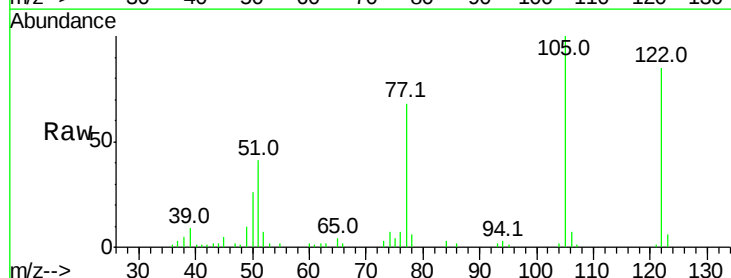


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

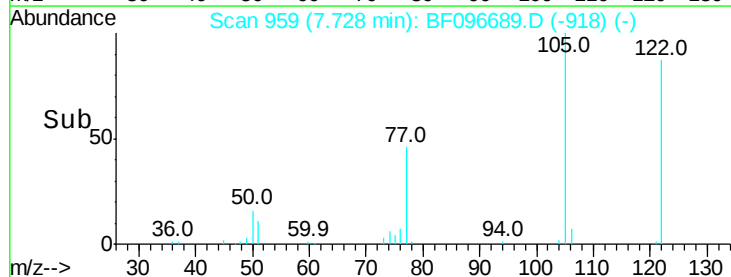
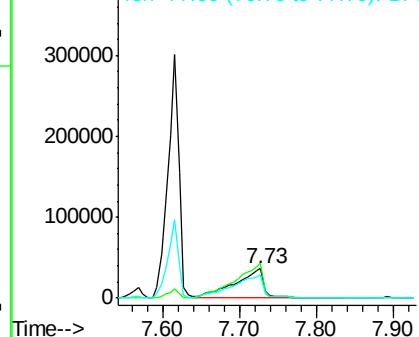


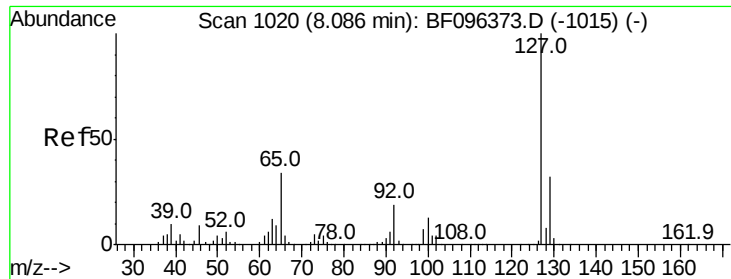
#32
Benzoic acid
Concen: 16.686 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:122 Resp: 94643
Ion Ratio Lower Upper
122 100
105 117.6 103.3 143.3
77 79.8 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

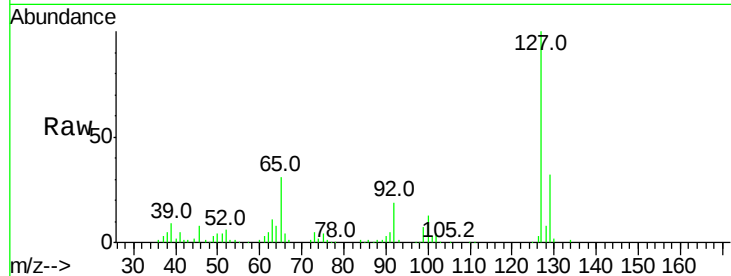




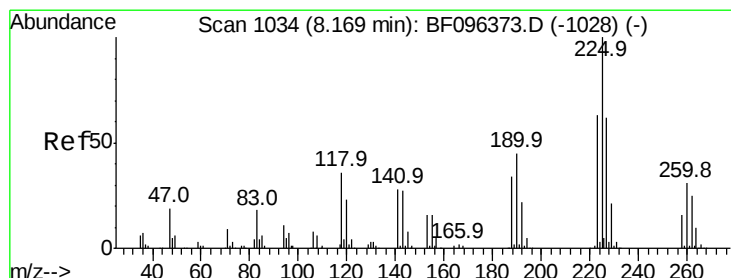
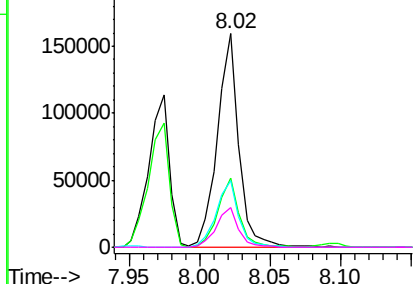
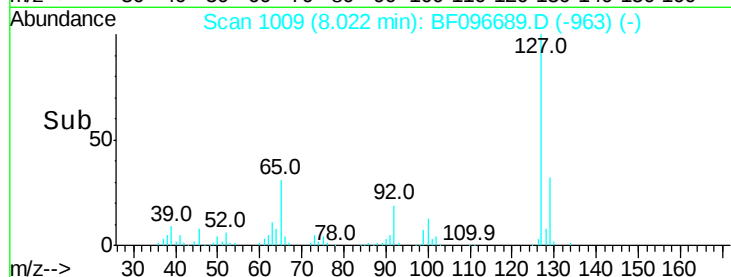
#33
4-Chloroaniline
Concen: 20.212 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	170122
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	31.2	27.8	41.8
92	18.8	16.8	25.2

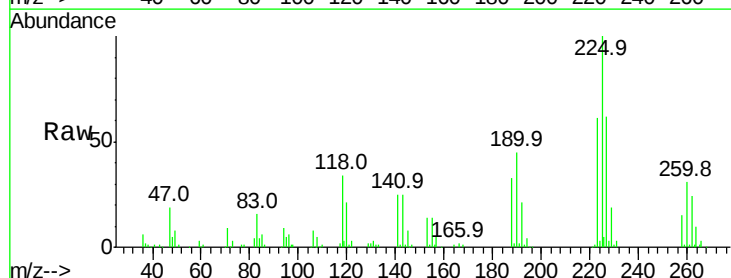


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

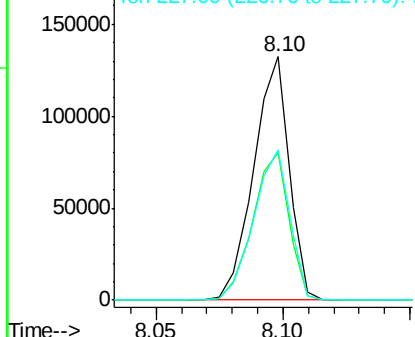
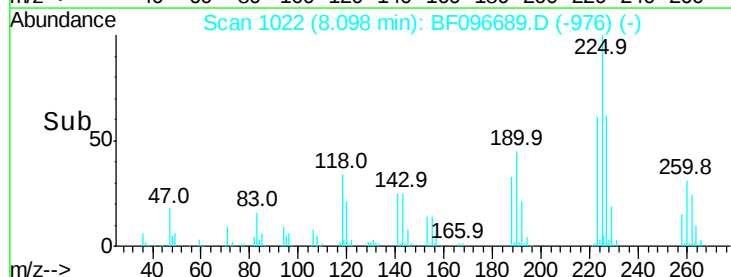


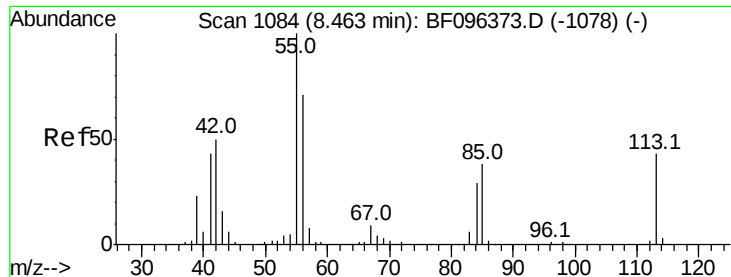
#34
Hexachlorobutadiene
Concen: 45.898 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:	225	Resp:	129393
Ion	Ratio	Lower	Upper
225	100		
223	60.7	48.8	73.2
227	61.9	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

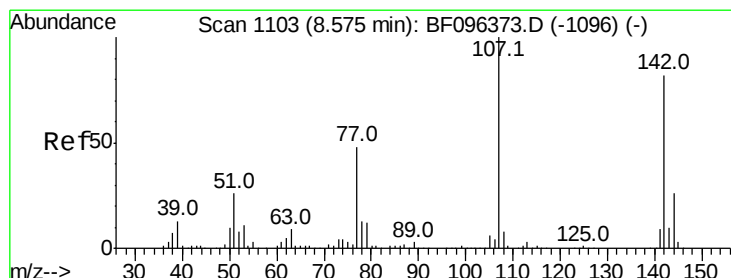
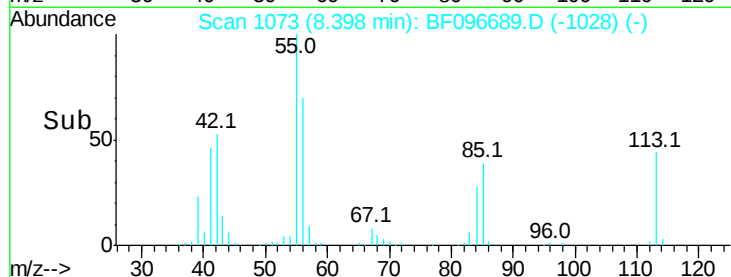
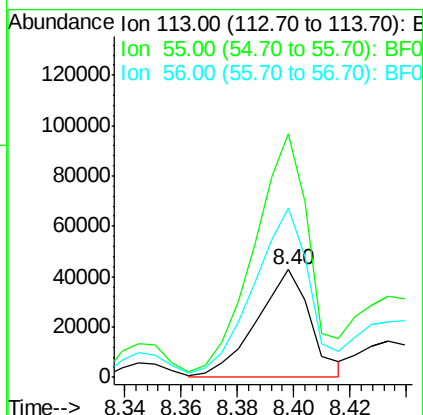
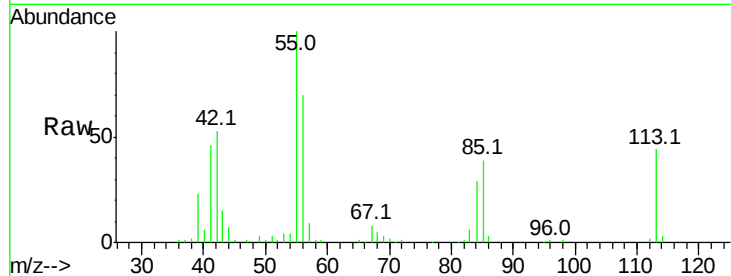




#35
 Caprolactam
 Concen: 28.344 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

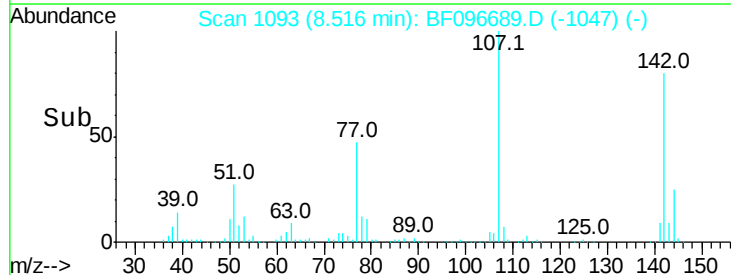
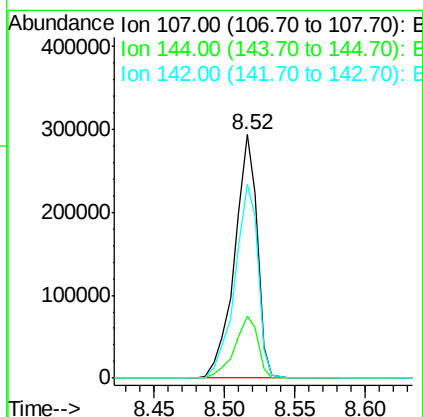
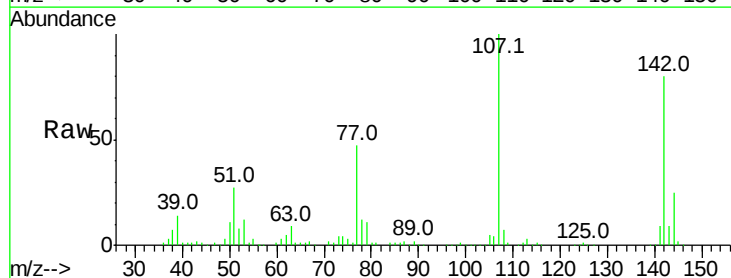
Instrument :
 BNA_F
 ClientSampled :

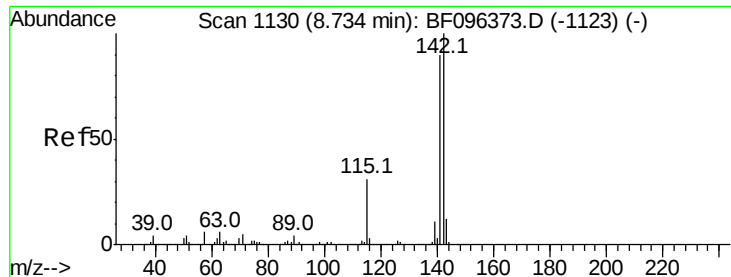
Tot Ion:113 Resp: 56951
 Ion Ratio Lower Upper
 113 100
 55 226.0 150.2 190.2#
 56 157.7 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 50.733 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:107 Resp: 327097
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 79.8 73.4 110.0

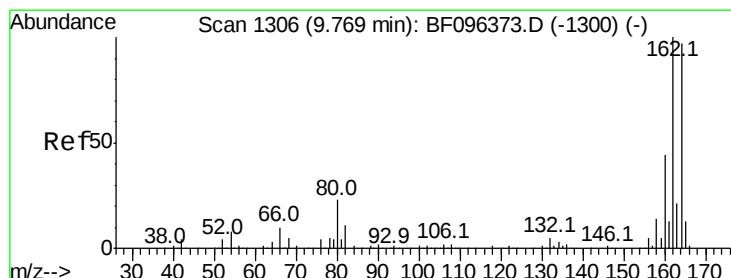
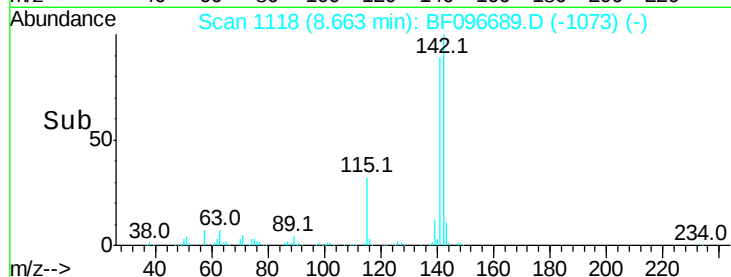
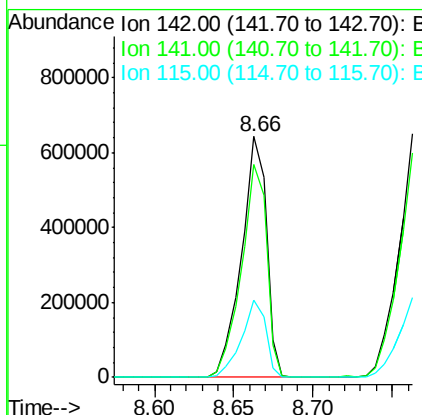
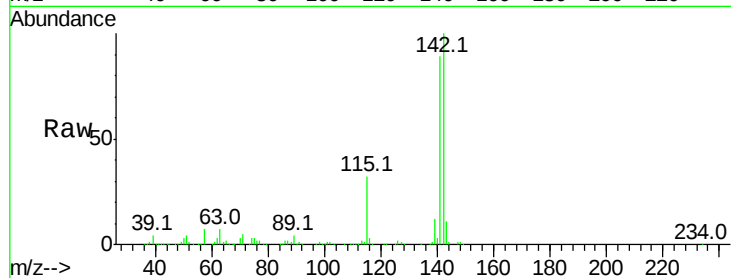




#37
2-Methylnaphthalene
Concen: 54.494 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

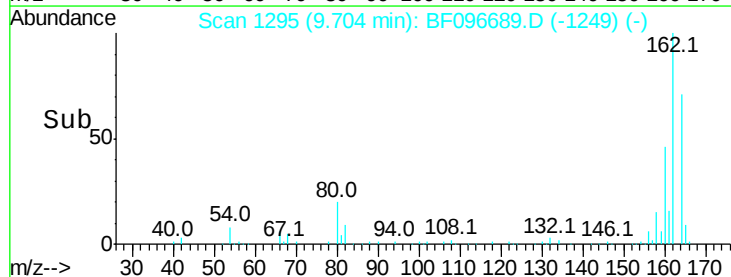
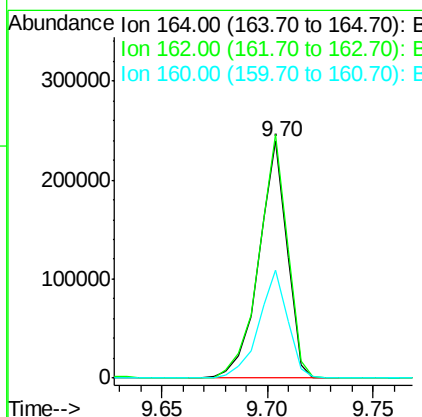
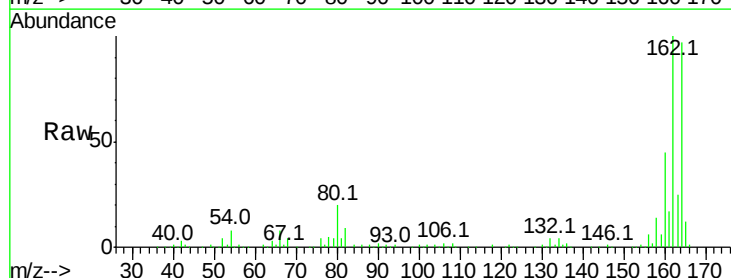
Instrument :
BNA_F
ClientSampleId :

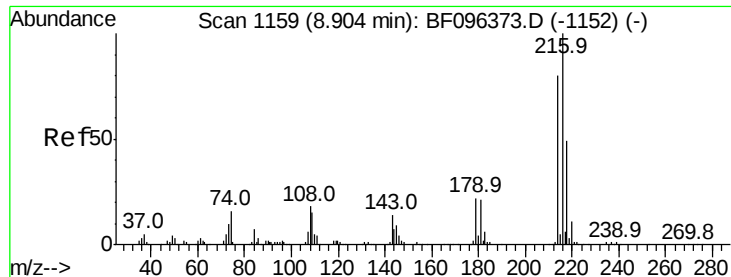
Tot Ion:142 Resp: 702907
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9
115 32.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:164 Resp: 222336
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 45.9 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.756 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 235286

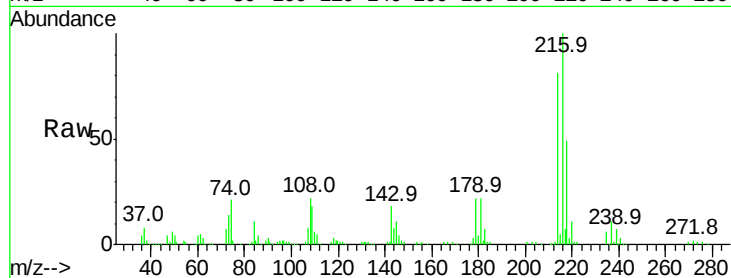
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.2 17.9 26.9

108 23.5 16.5 24.7

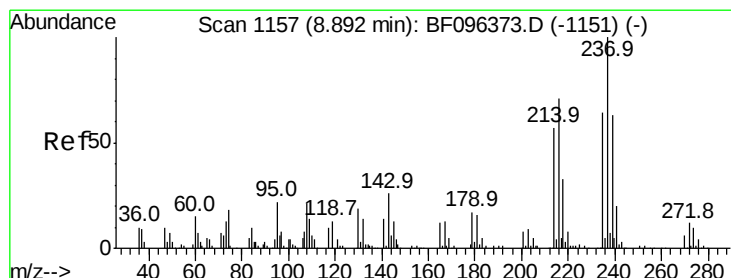
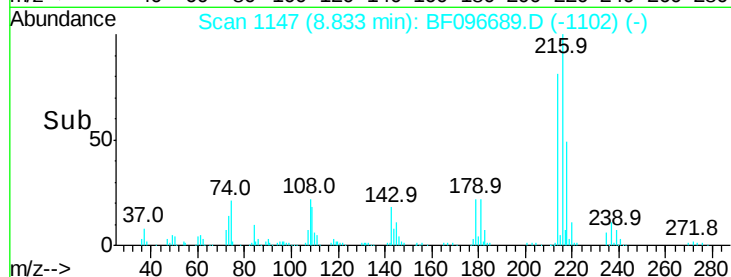
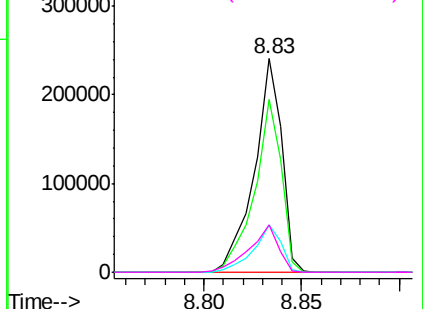


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 76.246 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

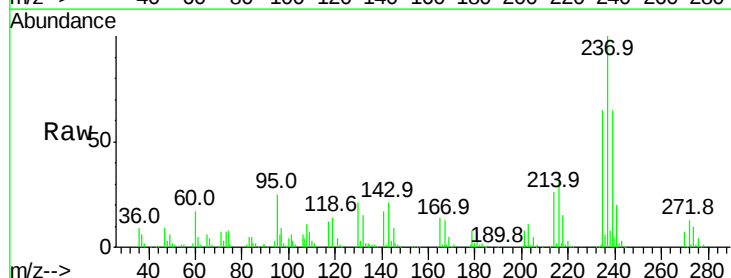
Tgt Ion:237 Resp: 214023

Ion Ratio Lower Upper

237 100

235 64.7 42.6 82.6

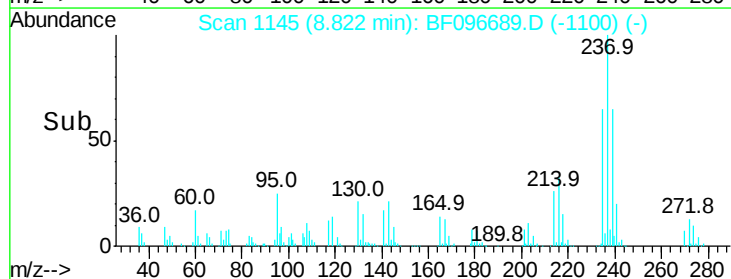
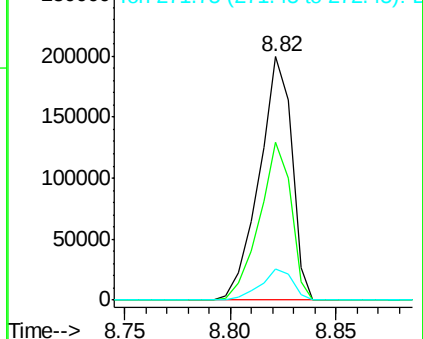
272 13.0 0.0 31.9

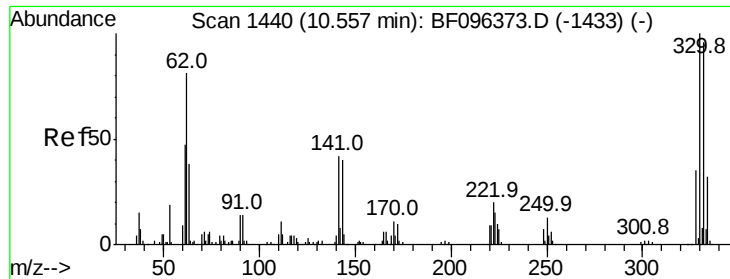


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 123.367 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

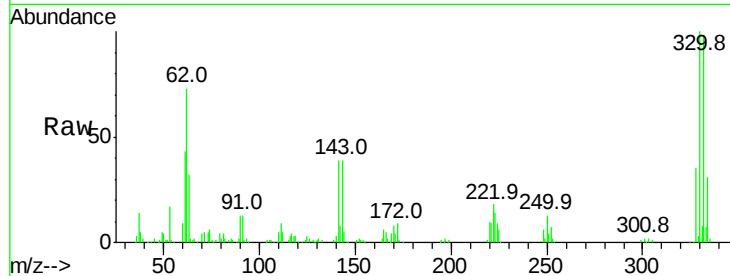
Tot Ion:330 Resp: 214254

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

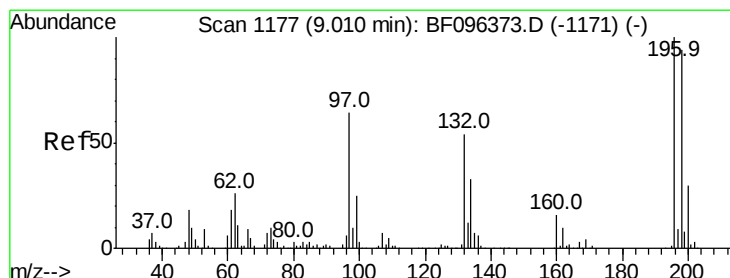
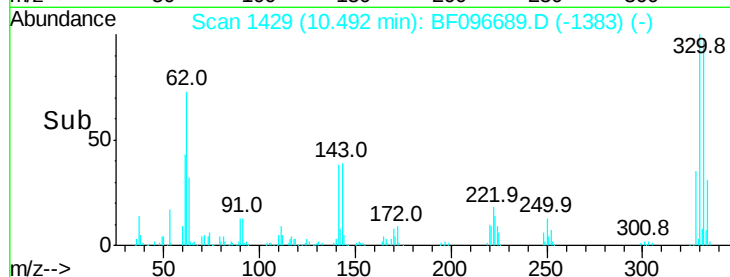
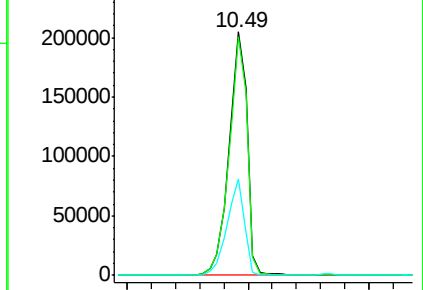
141 37.8 31.4 47.2



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: 42.210 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

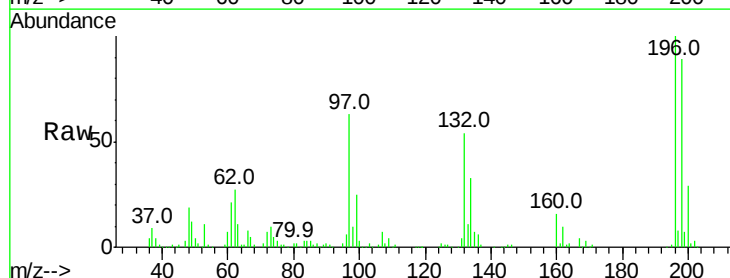
Tgt Ion:196 Resp: 192768

Ion Ratio Lower Upper

196 100

198 89.2 74.2 111.4

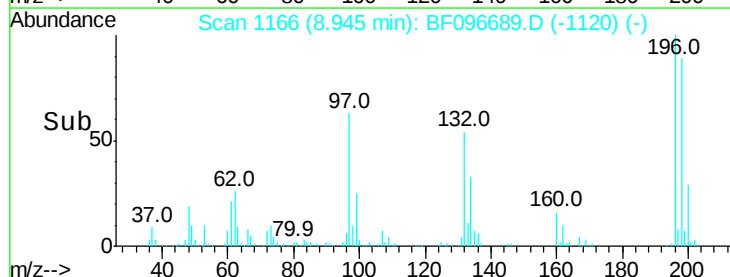
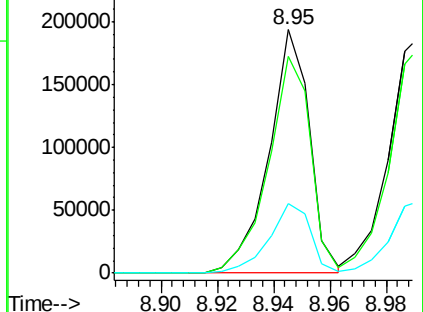
200 28.7 24.0 36.0



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

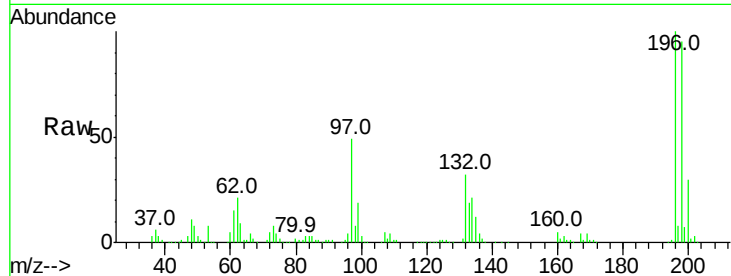




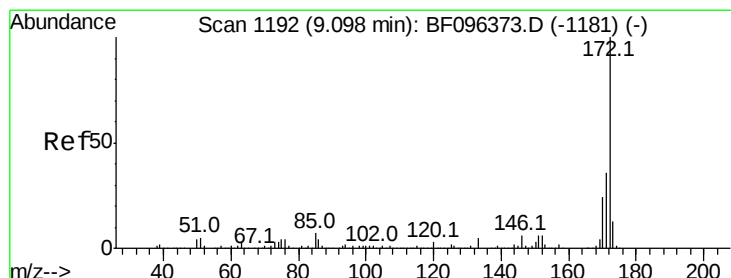
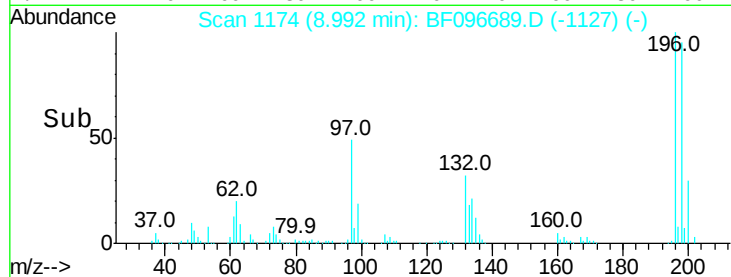
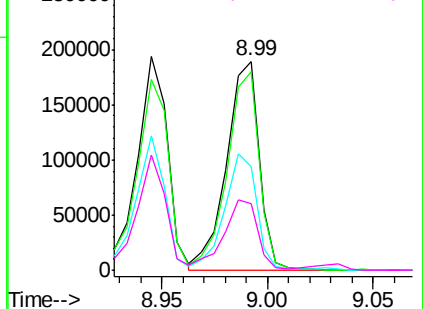
#43
 2,4,5-Trichlorophenol
 Concen: 44.528 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	201066
Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	49.4	47.7	71.5
132	32.0	28.0	42.0

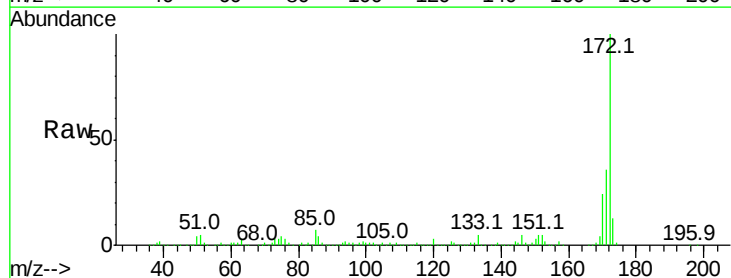


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

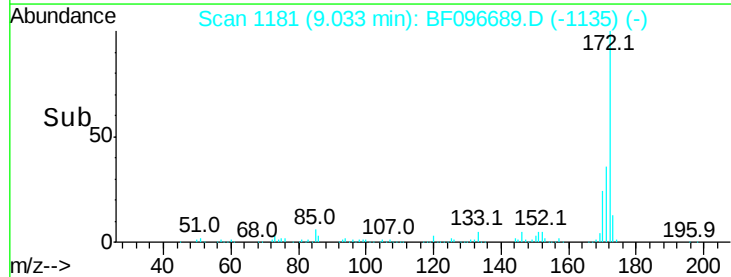
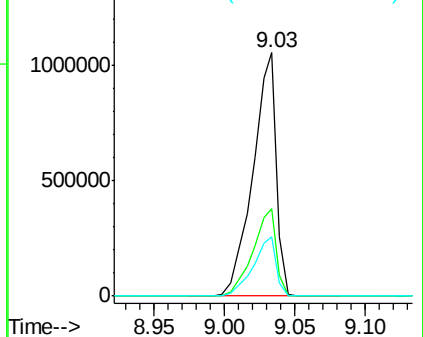


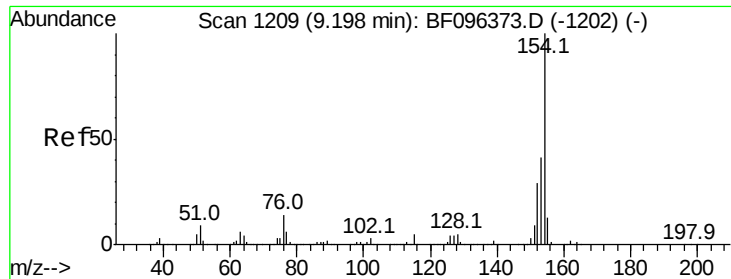
#44
 2-Fluorobiphenyl
 Concen: 94.366 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:	172	Resp:	1227115
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	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: 40.660 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

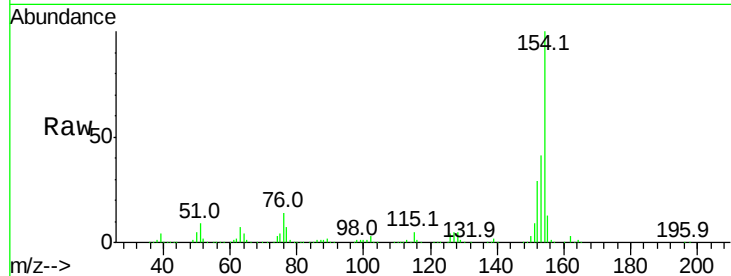
Tot Ion:154 Resp: 774585

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

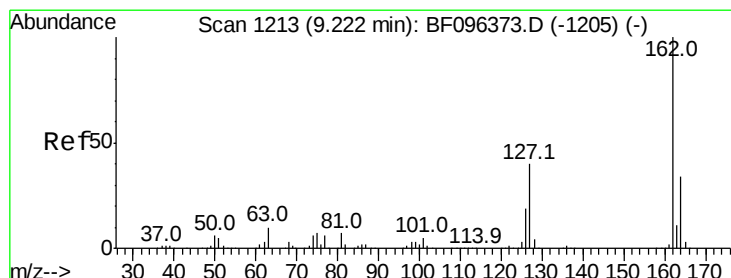
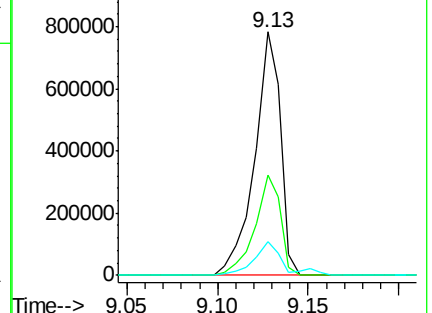
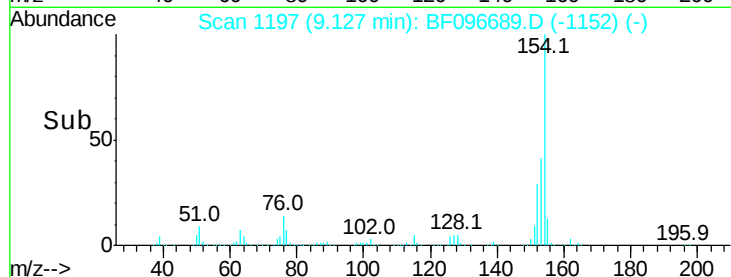
76 13.9 0.0 29.9



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: 42.637 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

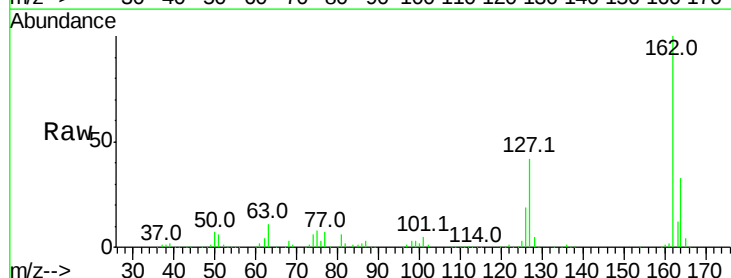
Tgt Ion:162 Resp: 605309

Ion Ratio Lower Upper

162 100

127 42.2 28.3 42.5

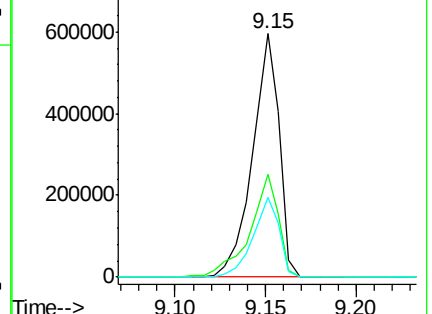
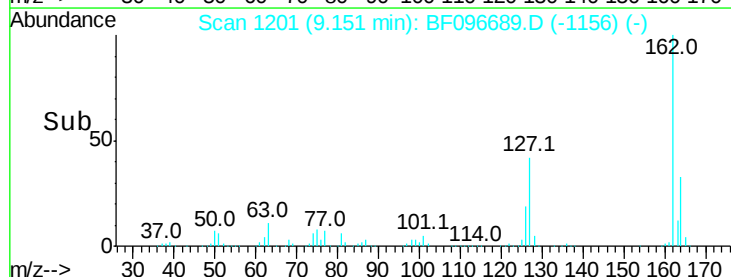
164 32.5 27.0 40.4

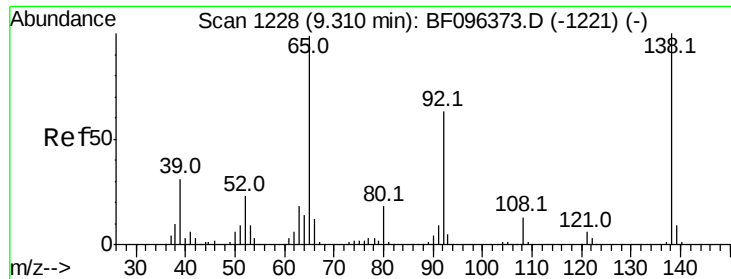


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

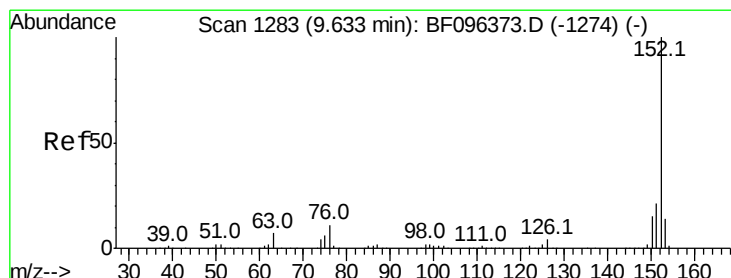
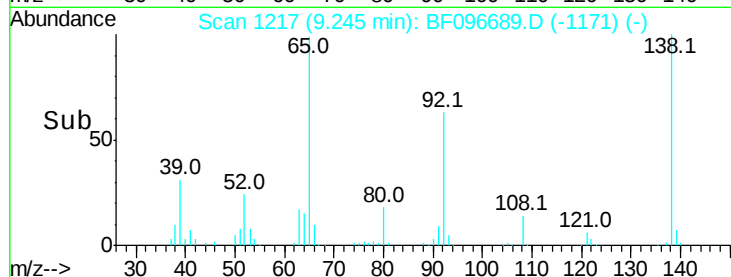
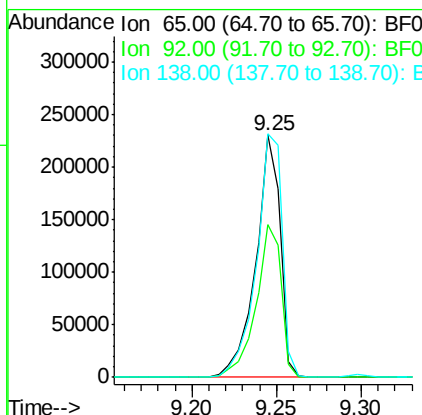
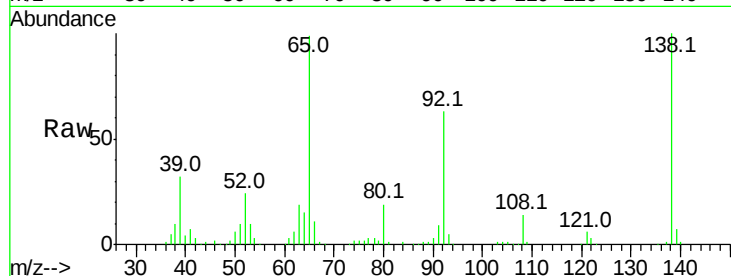




#47
2-Nitroaniline
Concen: 44.880 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

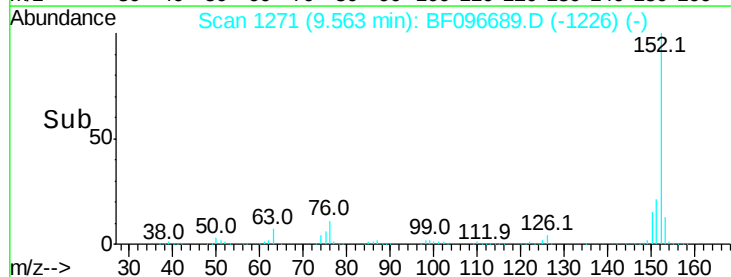
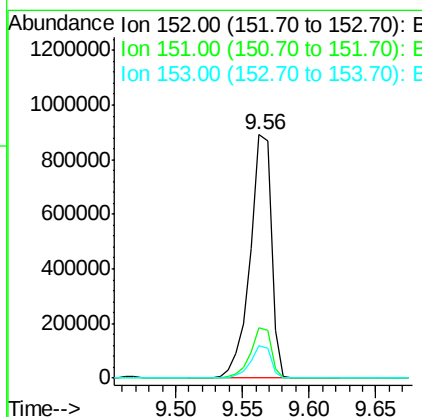
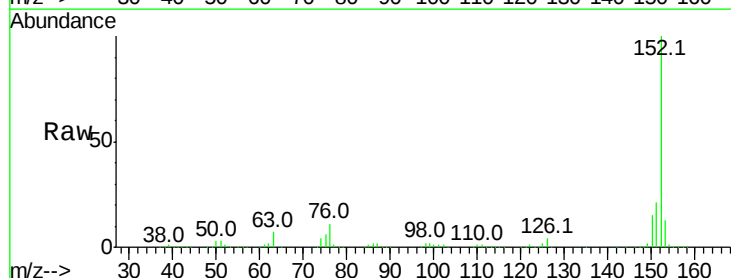
Instrument :
BNA_F
ClientSampleId :

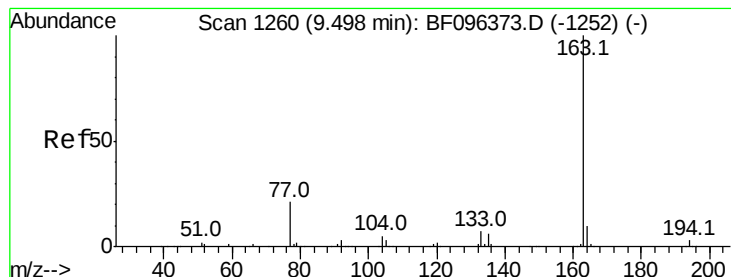
Tot Ion: 65 Resp: 231841
Ion Ratio Lower Upper
65 100
92 62.9 53.9 80.9
138 100.5 78.8 118.2



#48
Acenaphthylene
Concen: 43.046 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:152 Resp: 968348
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 44.978 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

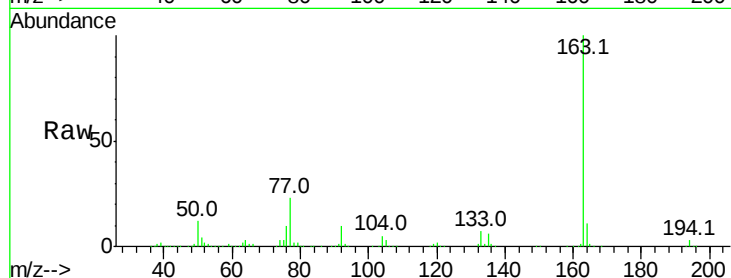
Tot Ion:163 Resp: 746529

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

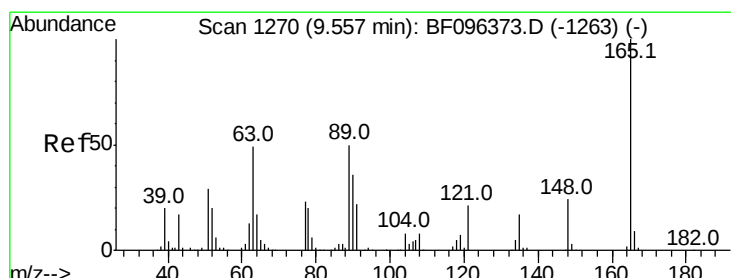
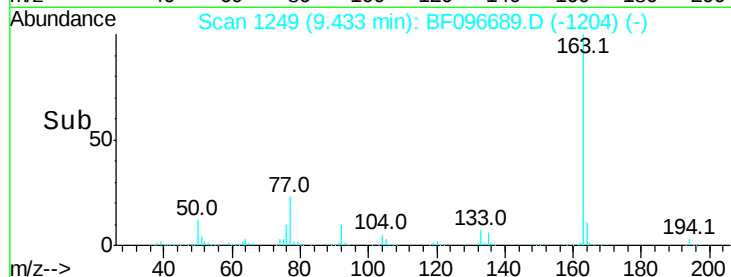
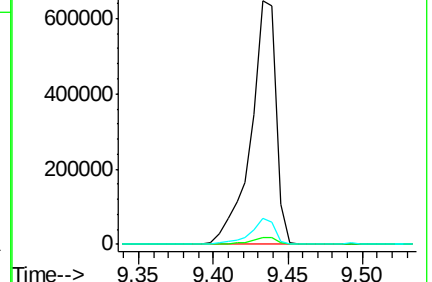
164 10.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.744 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

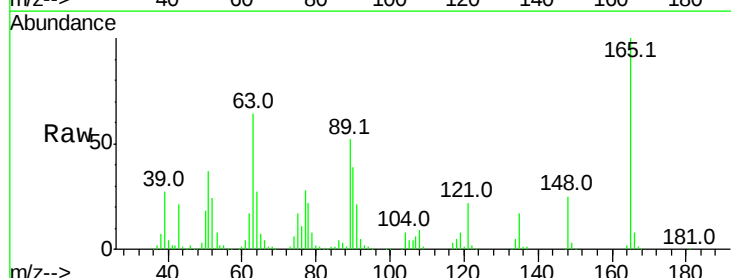
Tgt Ion:165 Resp: 164226

Ion Ratio Lower Upper

165 100

63 64.2 34.3 51.5#

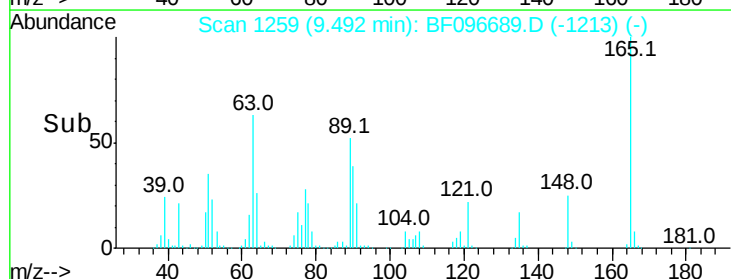
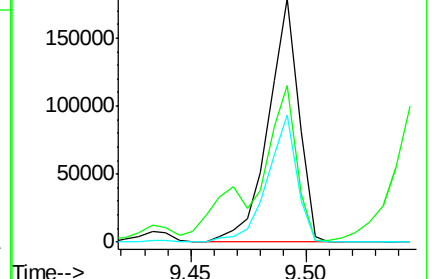
89 52.4 37.1 55.7

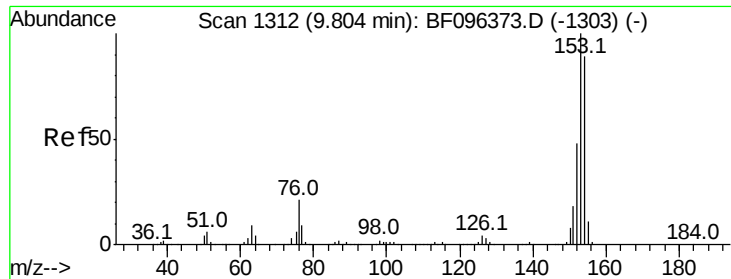


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.106 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

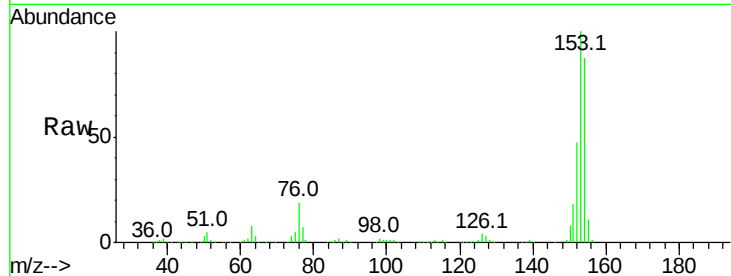
Tot Ion:154 Resp: 556123

Ion Ratio Lower Upper

154 100

153 114.4 90.5 135.7

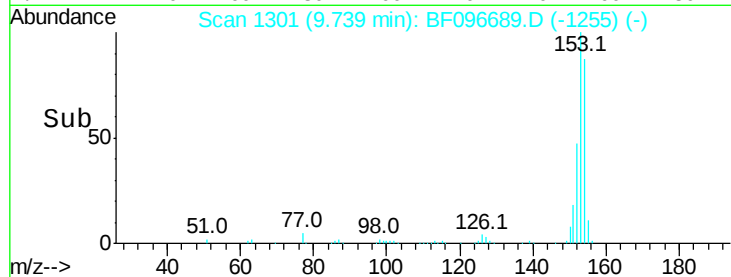
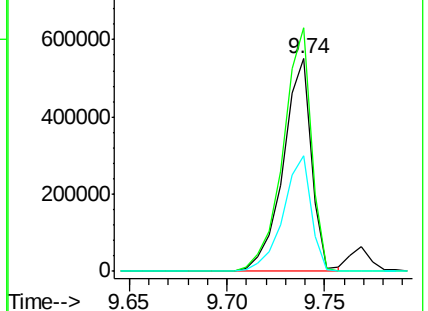
152 54.3 43.6 65.4



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: 26.963 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

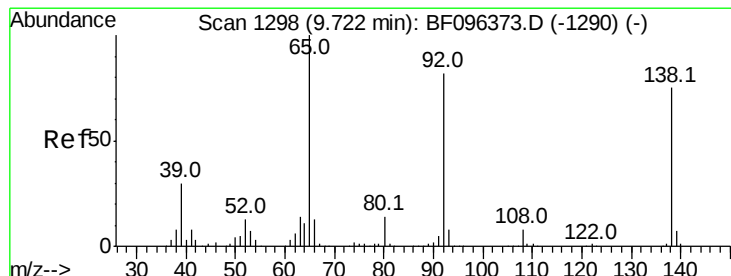
Tgt Ion:138 Resp: 123432

Ion Ratio Lower Upper

138 100

108 9.7 9.1 13.7

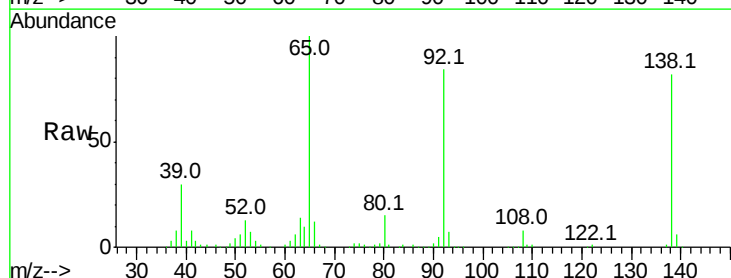
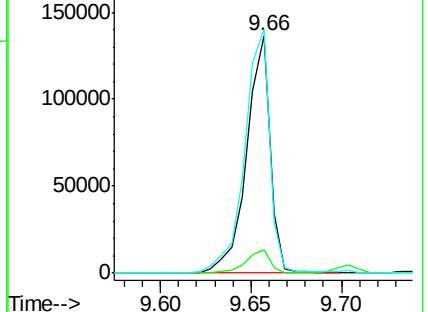
92 102.4 93.8 140.6



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

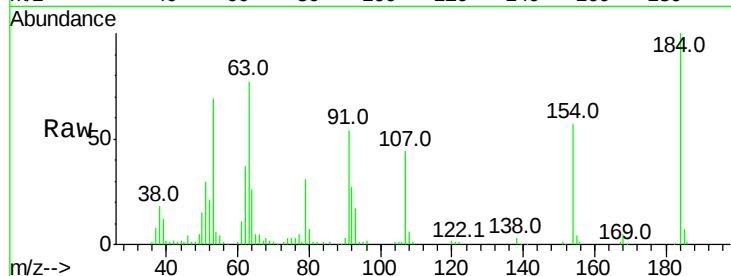




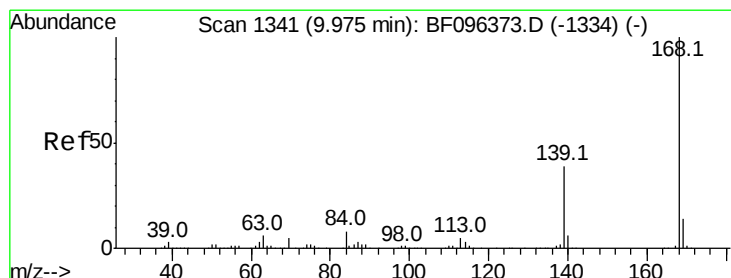
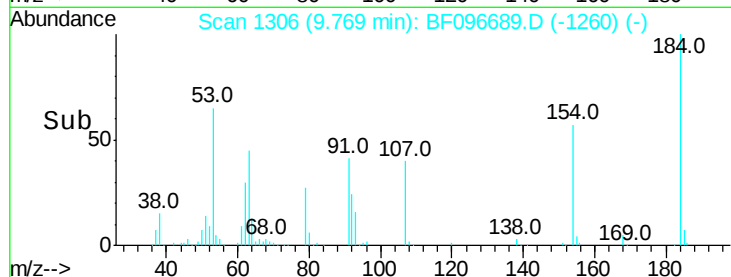
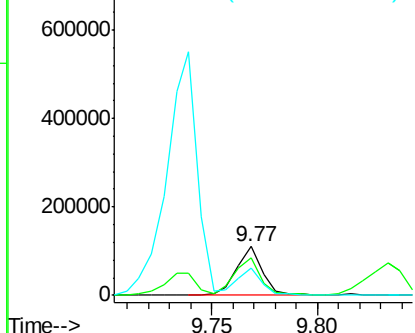
#53
 2,4-Dinitrophenol
 Concen: 48.966 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 95456
 Ion Ratio Lower Upper
 184 100
 63 77.2 62.7 94.1
 154 57.2 81.1 121.7#

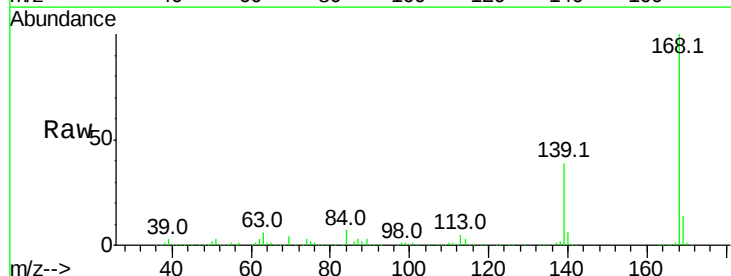


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

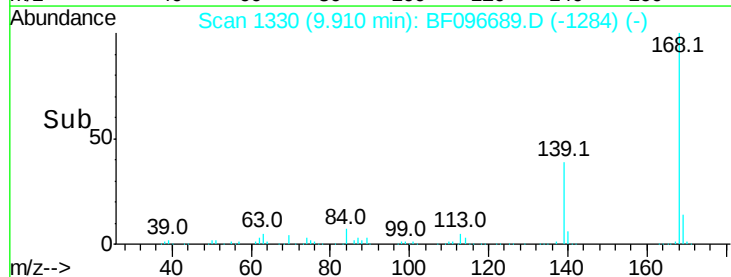
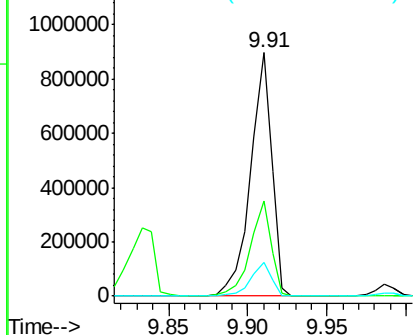


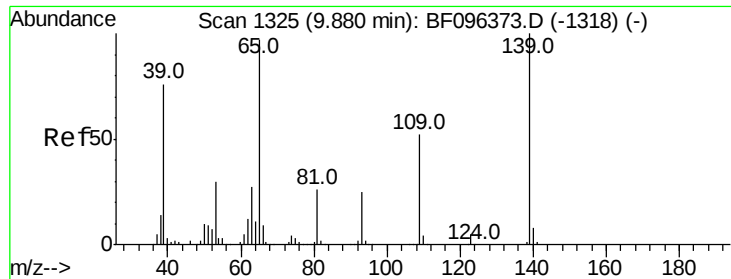
#54
 Dibenzofuran
 Concen: 45.370 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:168 Resp: 830608
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.7 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

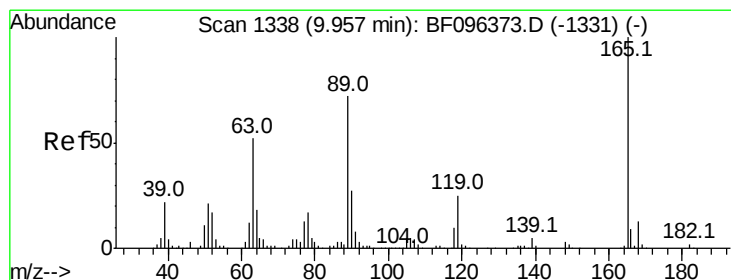
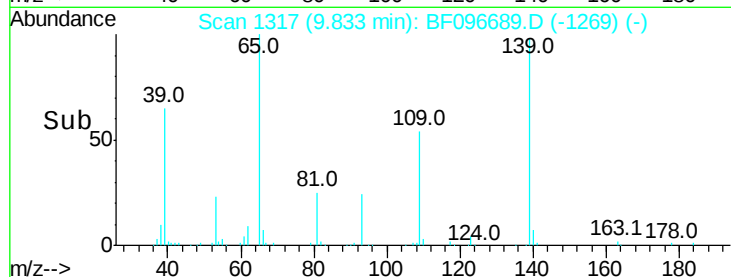
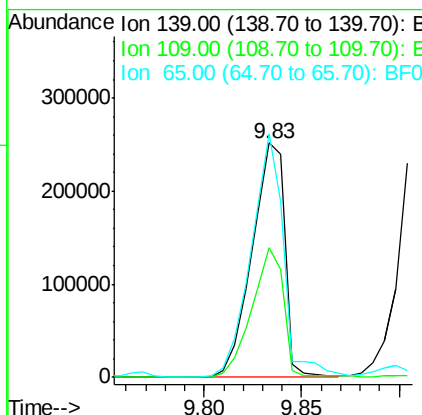
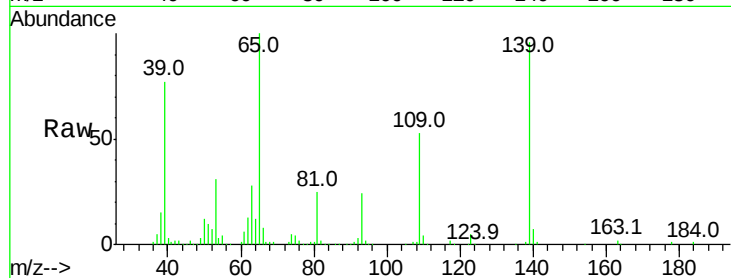




#55
4-Nitrophenol
Concen: 77.193 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

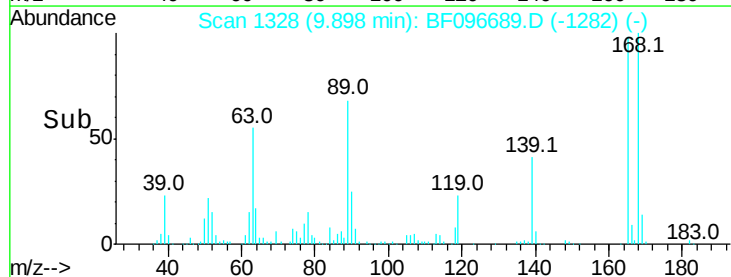
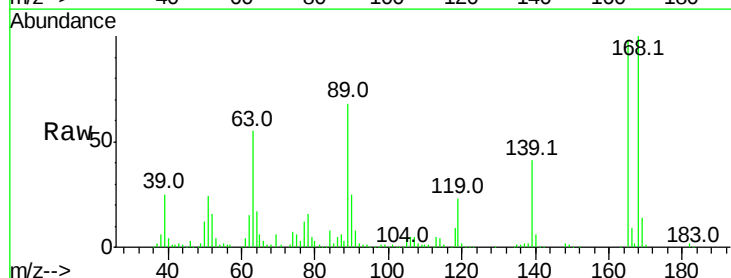
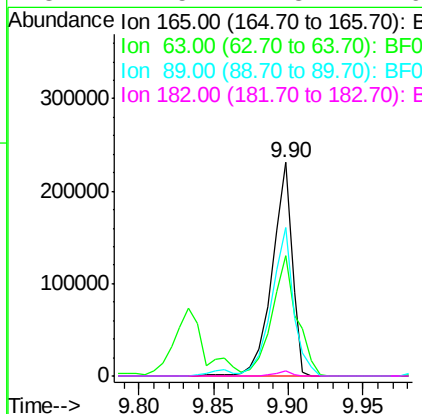
Instrument :
BNA_F
ClientSampleId :

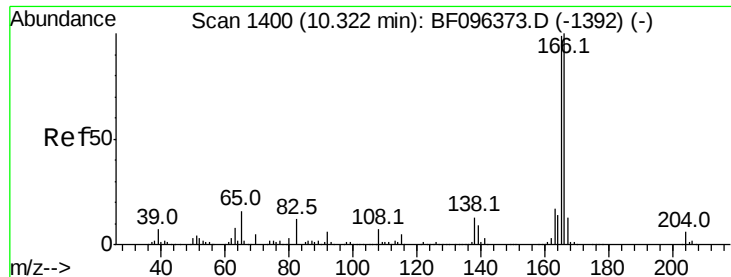
Tot Ion:139 Resp: 292897
Ion Ratio Lower Upper
139 100
109 55.3 34.1 74.1
65 103.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 46.041 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:165 Resp: 213995
Ion Ratio Lower Upper
165 100
63 56.2 25.4 38.0#
89 69.4 46.4 69.6
182 2.5 1.8 2.6





#57

Fluorene

Concen: 41.310 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

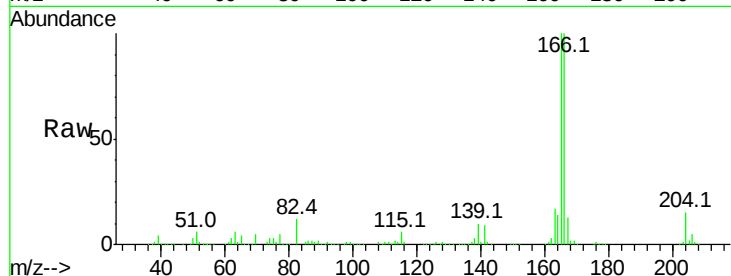
Instrument :

BNA_F

ClientSampleId :

Tot Ion:166 Resp: 534127

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.8	118.2
167	13.2	10.6	16.0

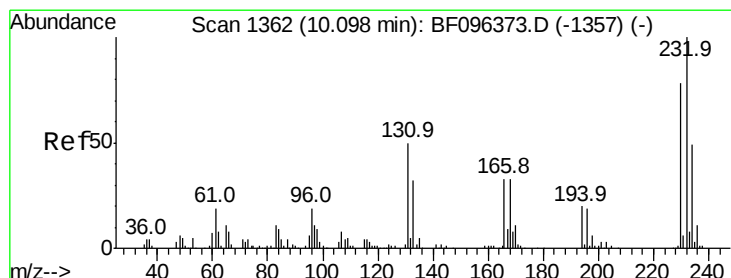
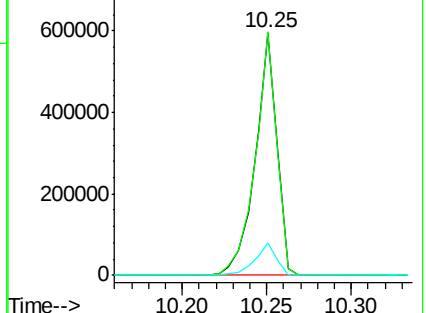
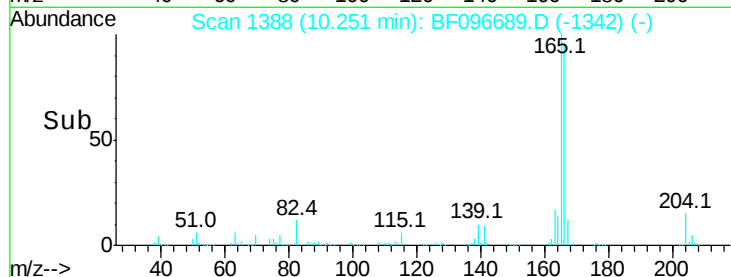


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.904 ng

RT: 10.03 min Scan# 1351

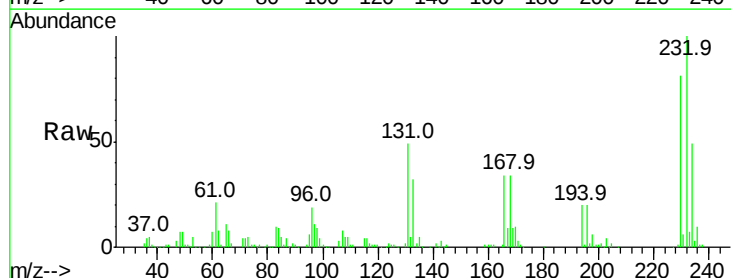
Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Tgt Ion:232 Resp: 143408

Ion	Ratio	Lower	Upper
232	100		
131	55.2	44.8	67.2
130	2.3	2.3	3.5
166	35.7	29.0	43.4



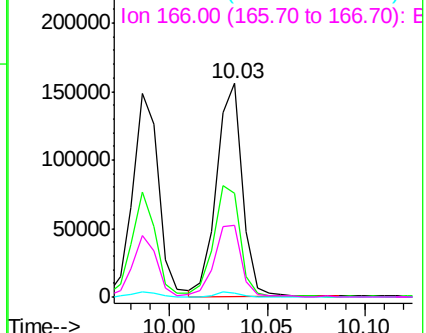
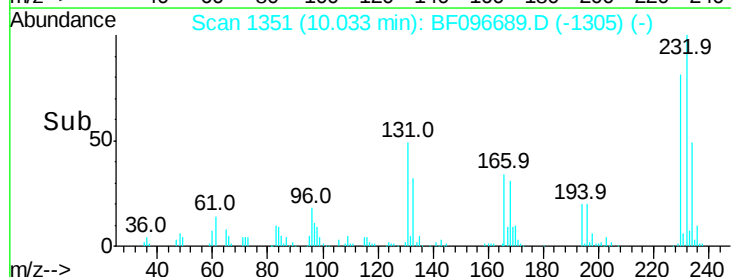
Abundance

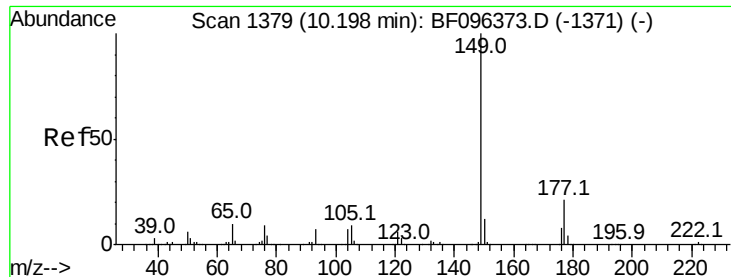
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

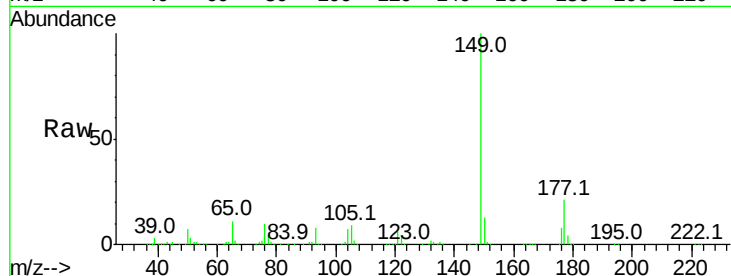




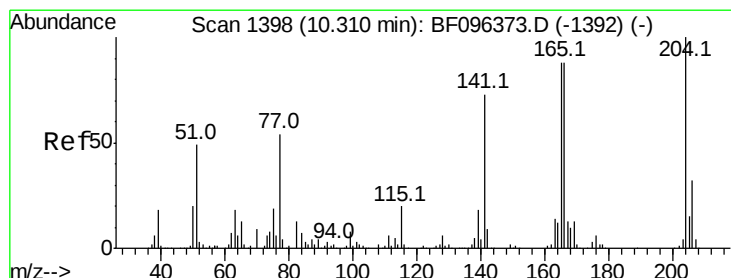
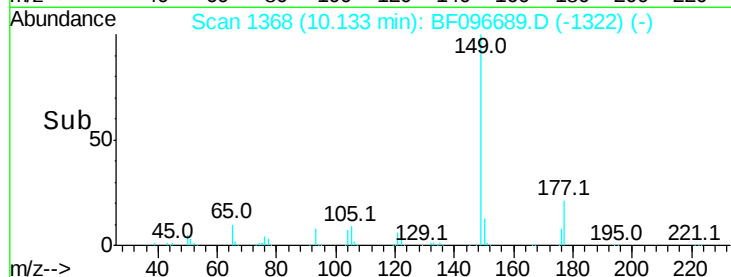
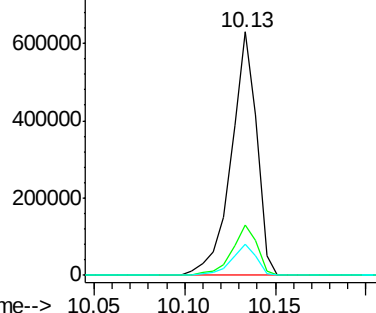
#59
Diethylphthalate
Concen: 39.233 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 615492
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.5 10.2 15.2

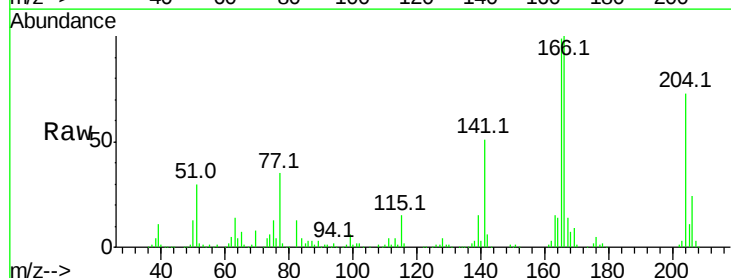


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

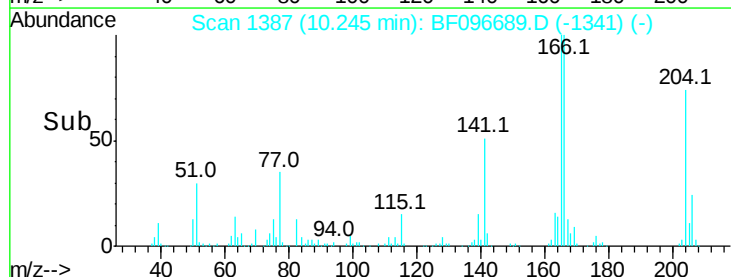
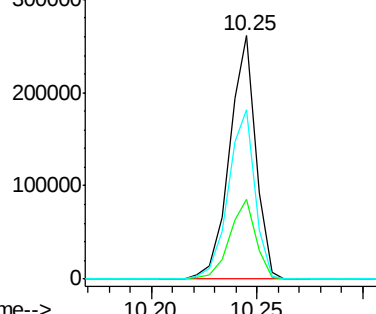


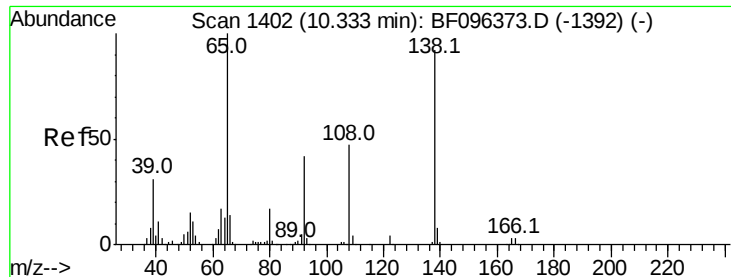
#60
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:204 Resp: 225830
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 69.8 60.8 91.2



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

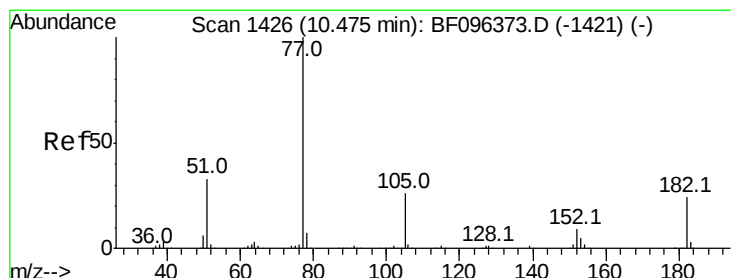
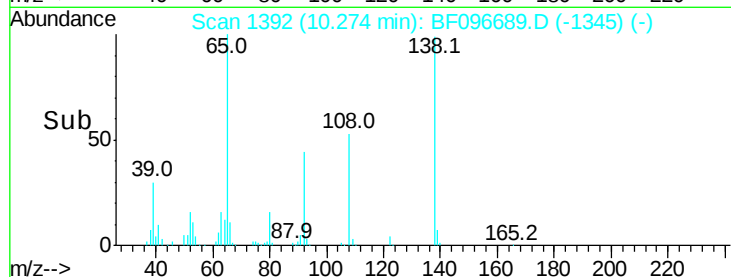
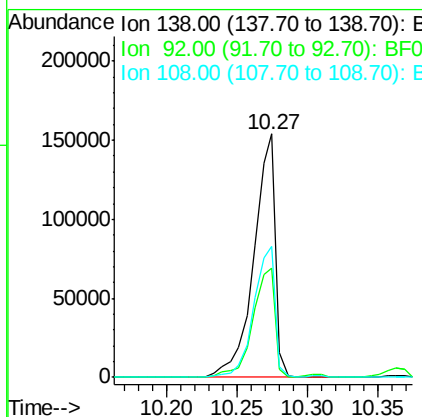
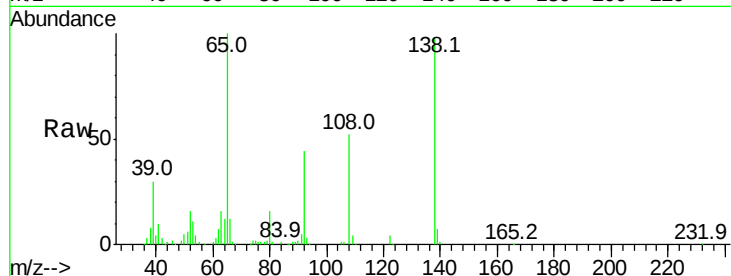




#61
4-Nitroaniline
Concen: 39.783 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

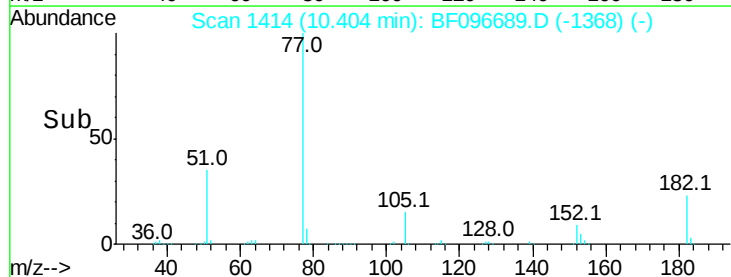
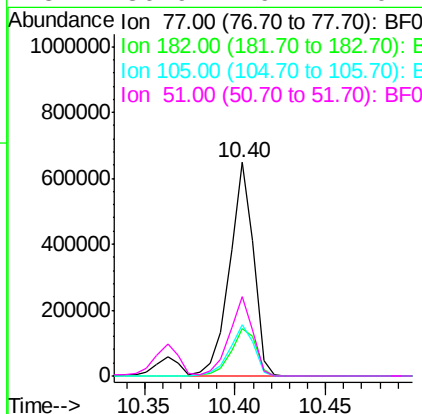
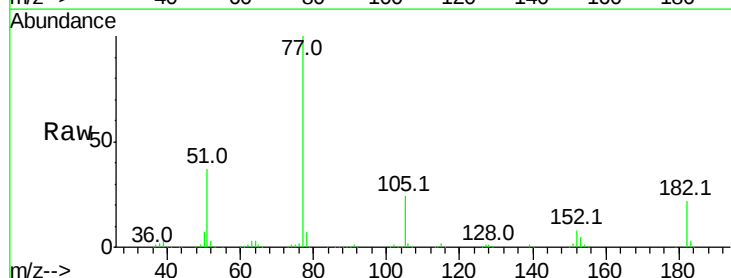
Instrument :
BNA_F
ClientSampleId :

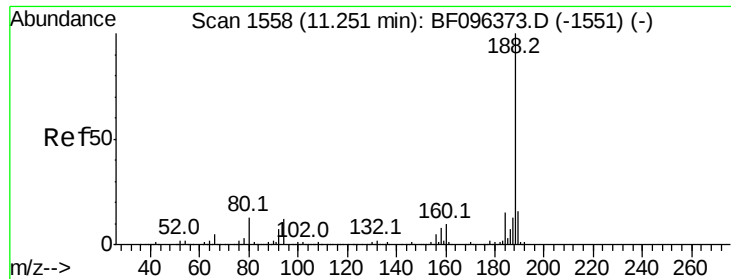
Tot Ion:138 Resp: 165600
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 53.5 42.3 82.3



#62
Azobenzene
Concen: 39.024 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion: 77 Resp: 591981
Ion Ratio Lower Upper
77 100
182 22.1 0.1 40.1
105 23.9 3.6 43.6
51 36.9 9.4 49.4

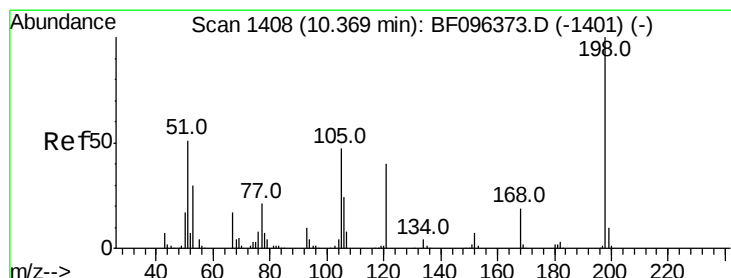
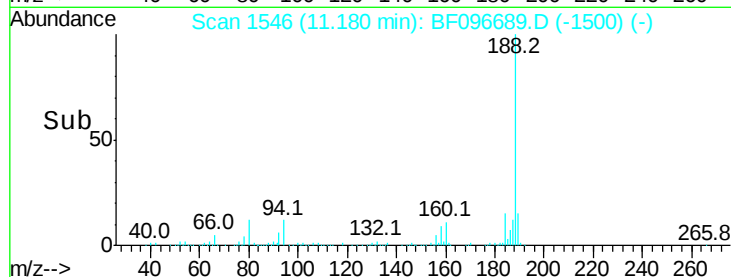
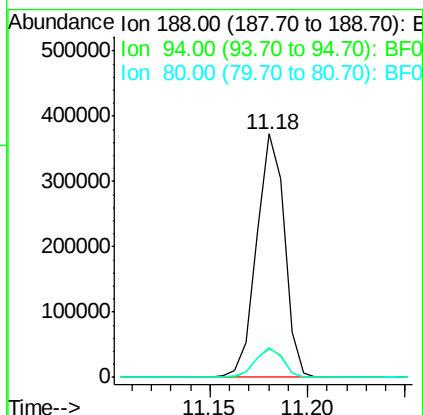
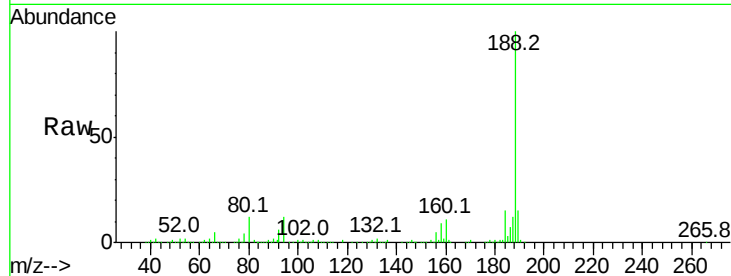




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

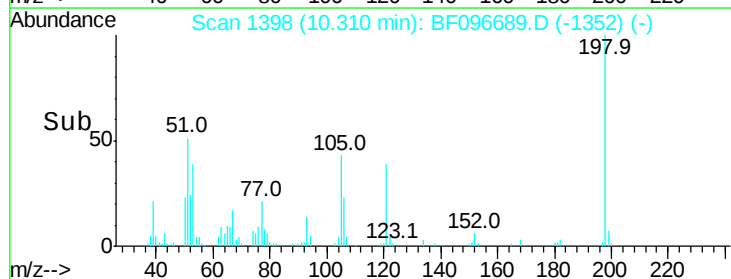
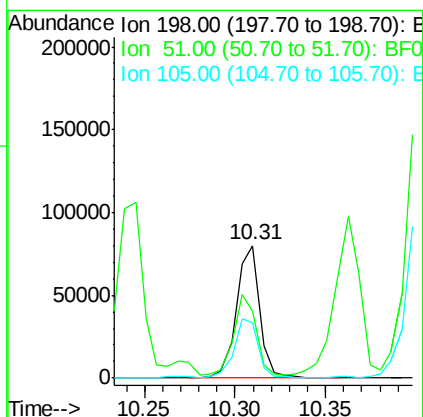
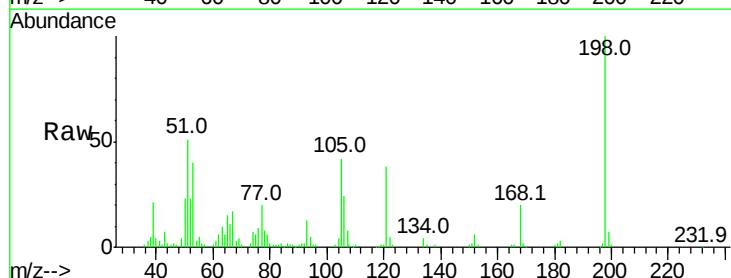
Instrument :
BNA_F
ClientSampleId :

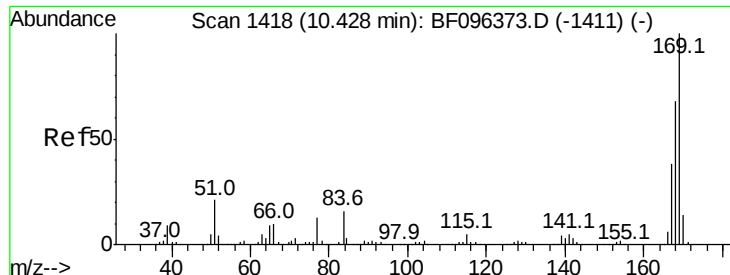
Tot Ion:188 Resp: 368554
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.1 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 27.997 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:198 Resp: 71162
Ion Ratio Lower Upper
198 100
51 51.1 53.2 93.2#
105 41.8 45.8 85.8#

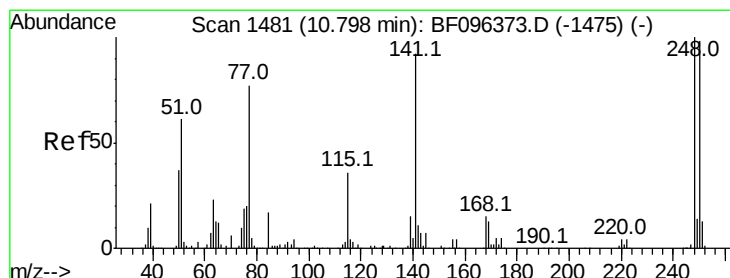
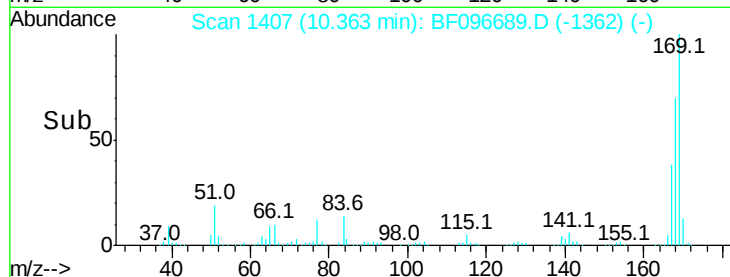
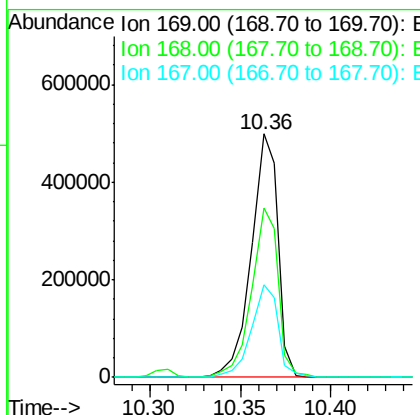
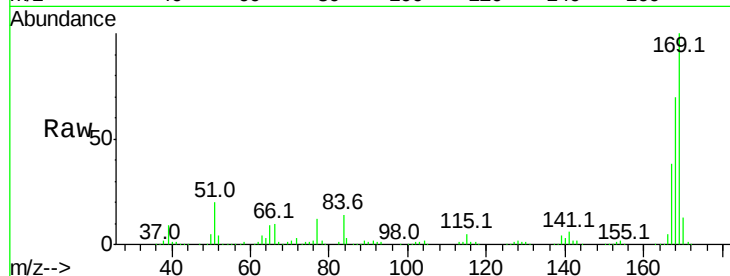




#65
 n-Nitrosodiphenylamine
 Concen: 39.400 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

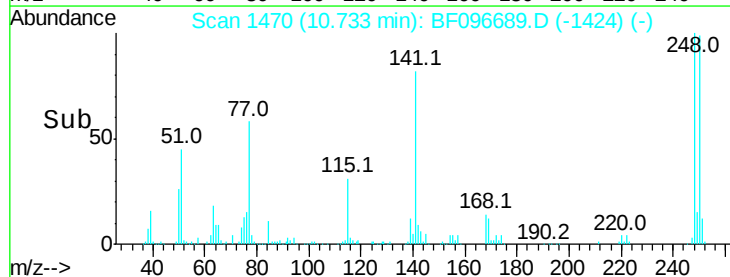
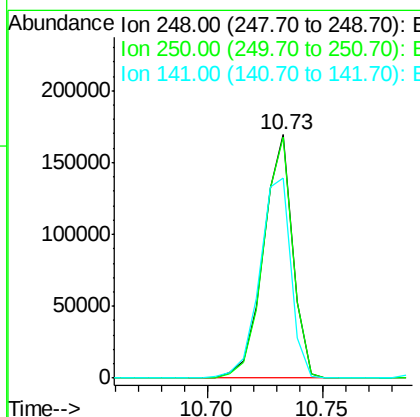
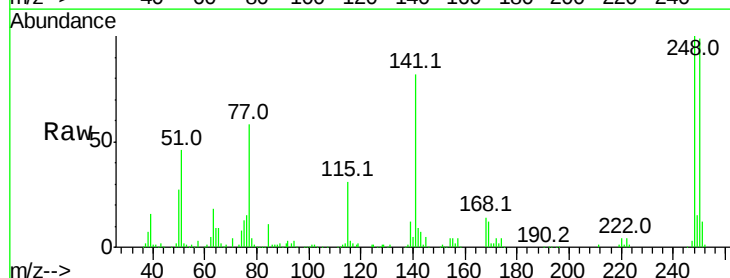
Instrument :
 BNA_F
 ClientSampleId :

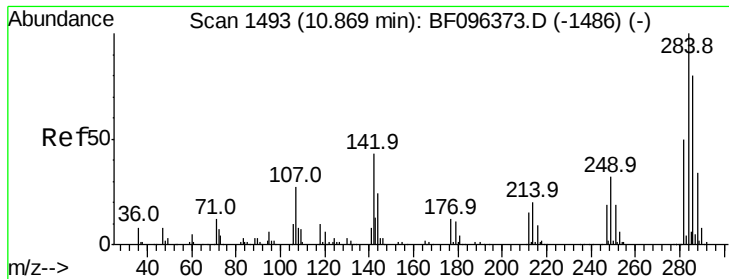
Tot Ion:169 Resp: 509491
 Ion Ratio Lower Upper
 169 100
 168 69.8 53.2 79.8
 167 38.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 41.579 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:248 Resp: 149174
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.8 115.2
 141 82.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.705 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

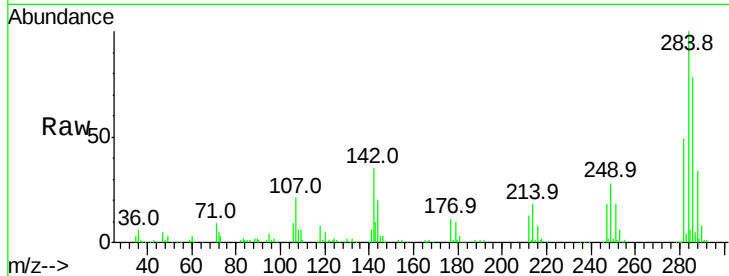
Tot Ion:284 Resp: 159865

Ion Ratio Lower Upper

284 100

142 34.9 22.8 34.2#

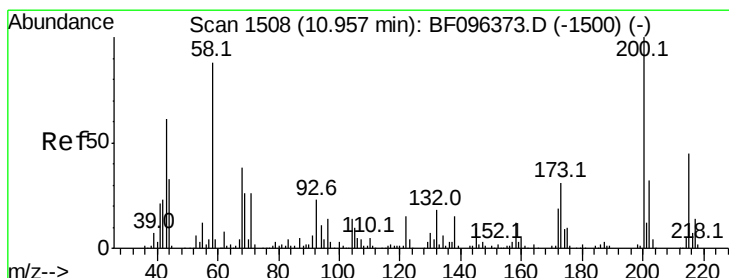
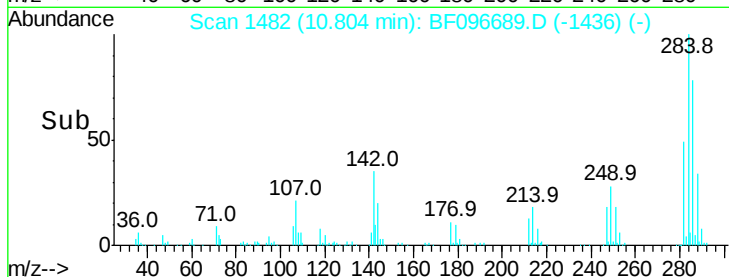
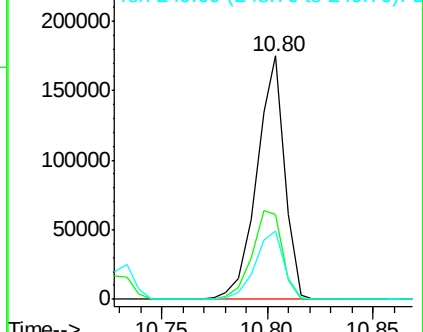
249 27.9 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.444 ng

RT: 10.90 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

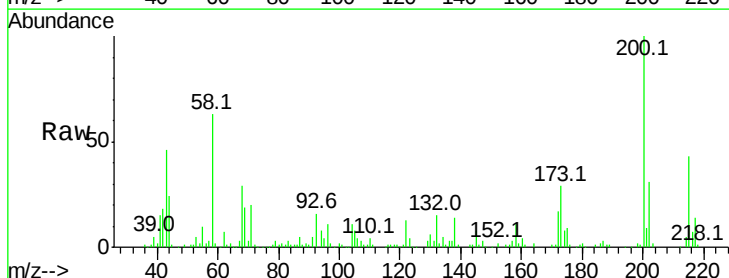
Tgt Ion:200 Resp: 156804

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

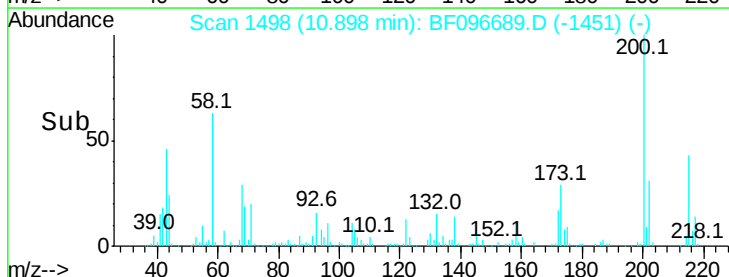
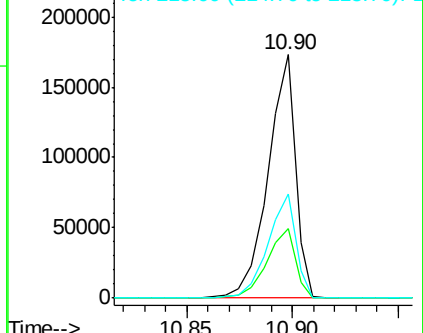
215 42.5 27.2 67.2

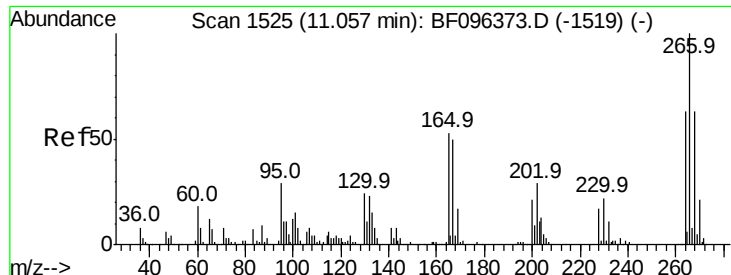


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

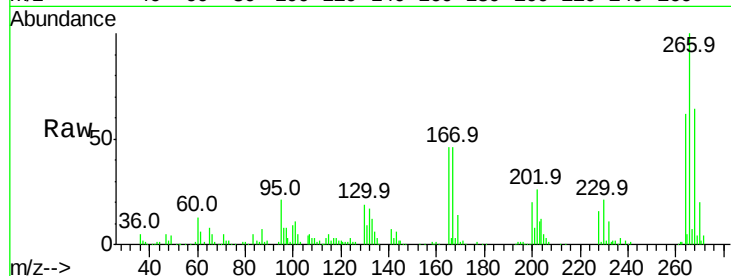




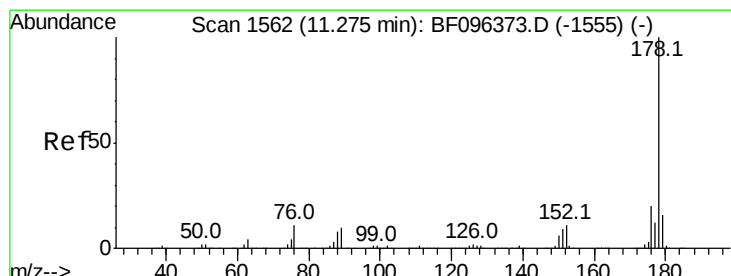
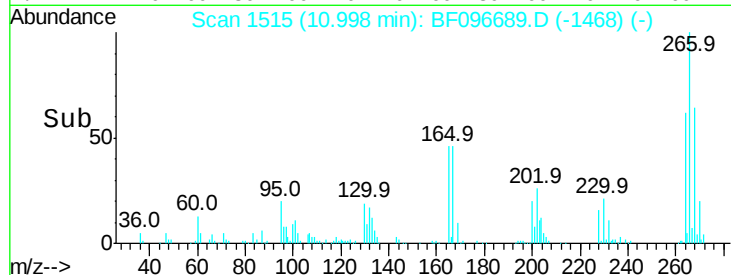
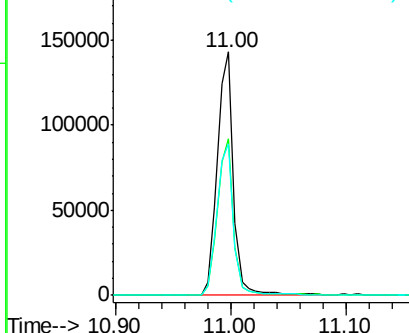
#69
 Pentachlorophenol
 Concen: 60.063 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.02 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 139808
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 62.4 51.7 77.5

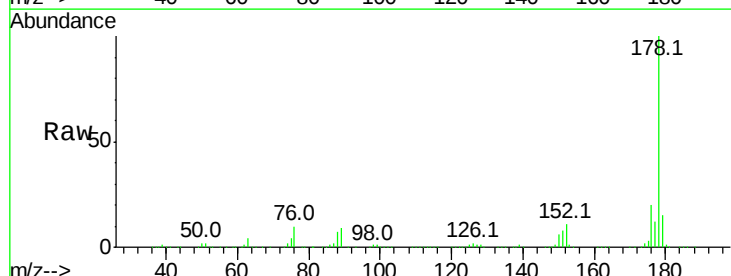


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

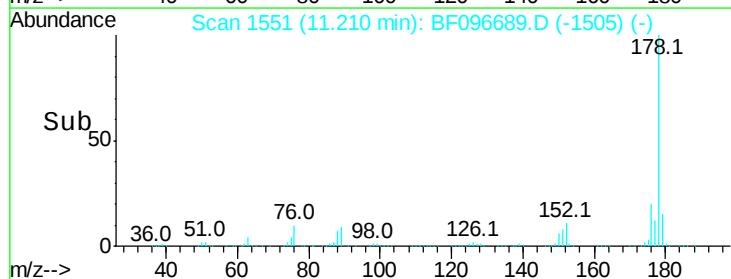
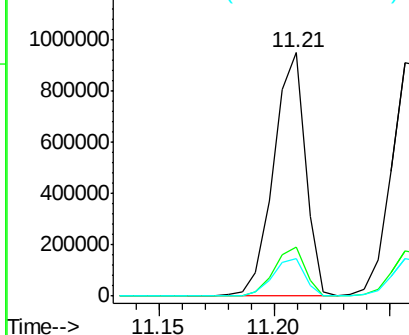


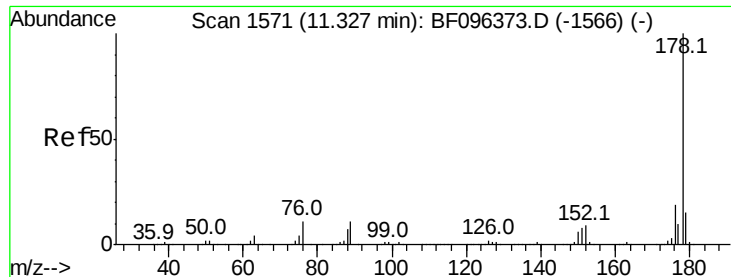
#70
 Phenanthrene
 Concen: 45.631 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:178 Resp: 909121
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.2 24.4
 179 15.4 12.6 19.0



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





#71

Anthracene

Concen: 46.104 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

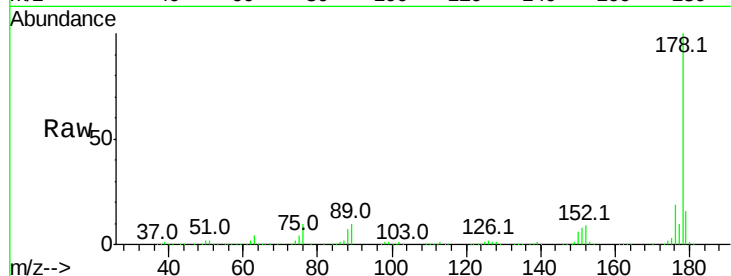
Tot Ion:178 Resp: 936019

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

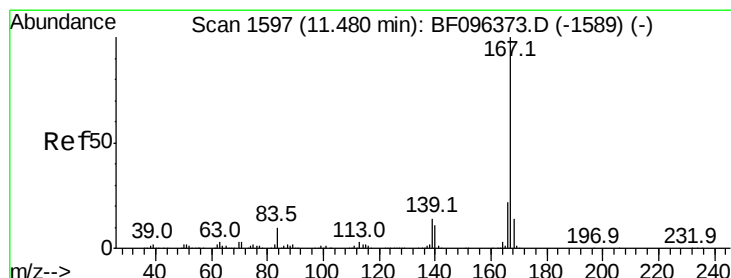
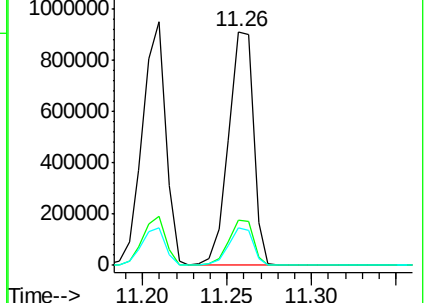
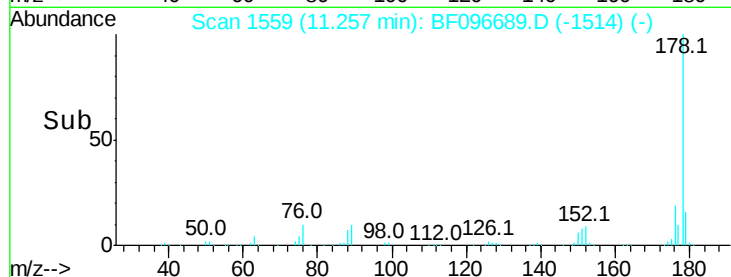
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.759 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

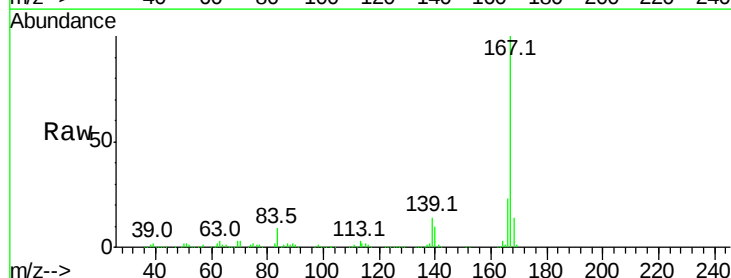
Tgt Ion:167 Resp: 913878

Ion Ratio Lower Upper

167 100

166 22.6 18.1 27.1

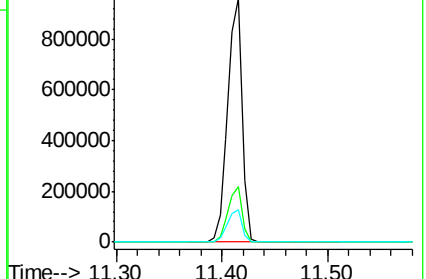
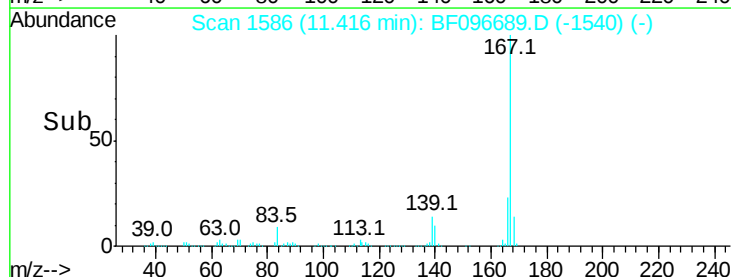
139 13.5 11.7 17.5

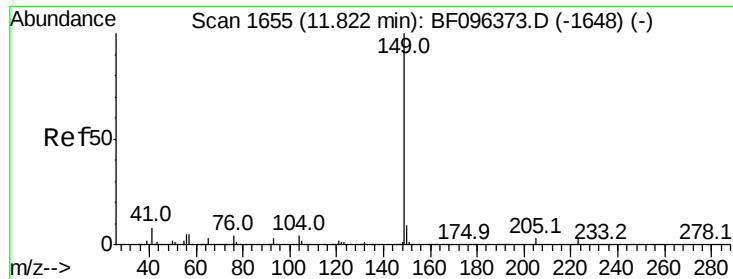


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.425 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

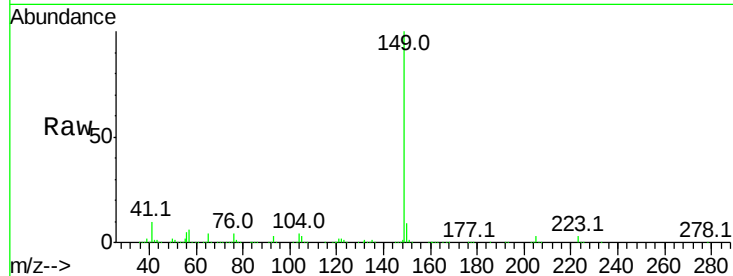
Tot Ion:149 Resp: 1049180

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	4.0	6.0

149 100

150 9.4 7.7 11.5

104 4.5 4.0 6.0

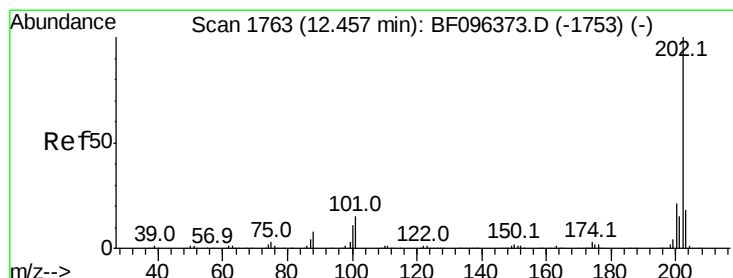
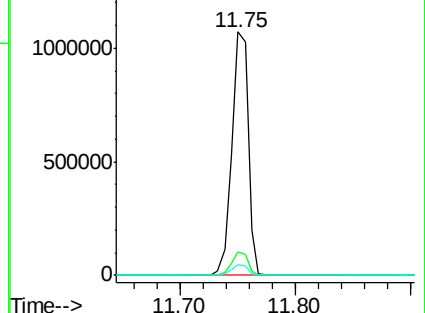
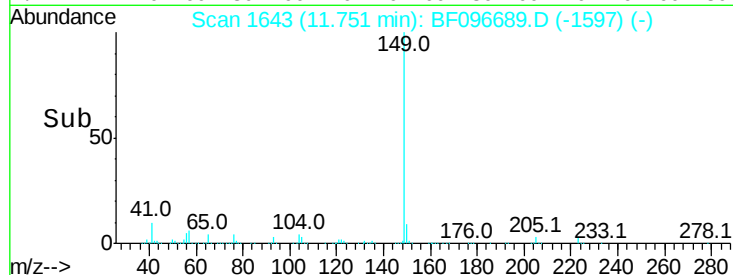


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.662 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

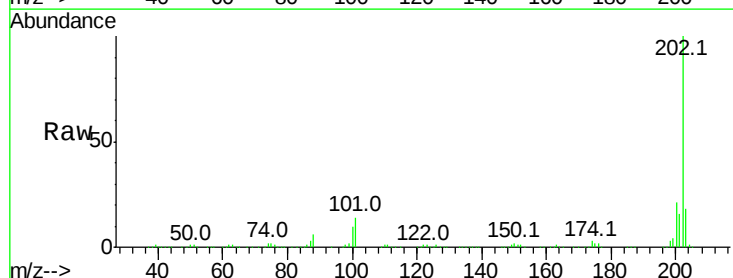
Tgt Ion:202 Resp: 833346

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.5	0.0	38.1

202 100

101 13.8 0.0 33.2

203 17.5 0.0 38.1

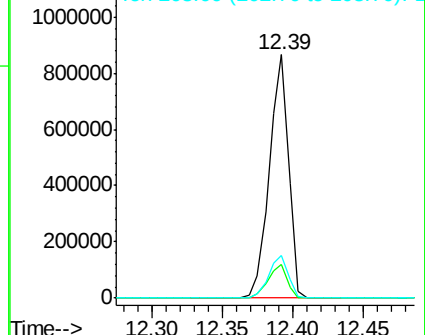
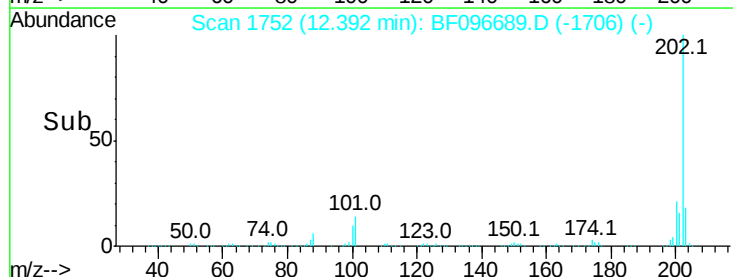


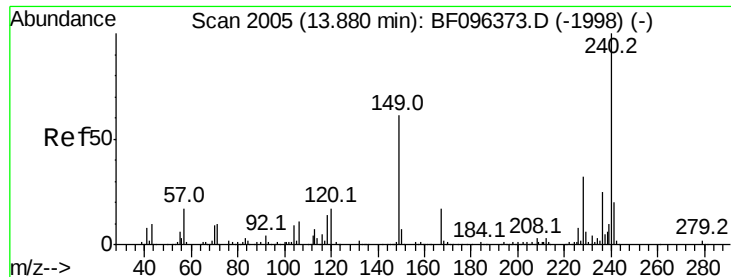
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

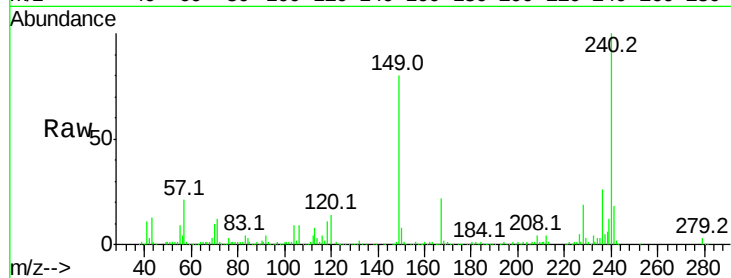
Tot Ion:240 Resp: 217498

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

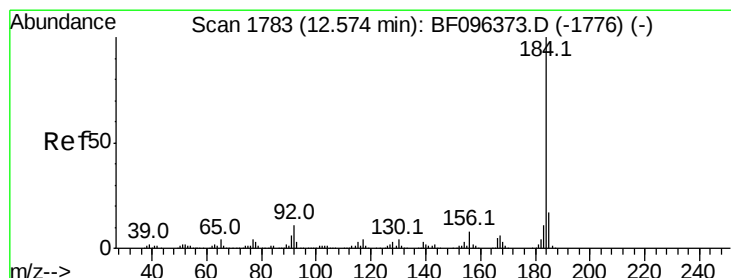
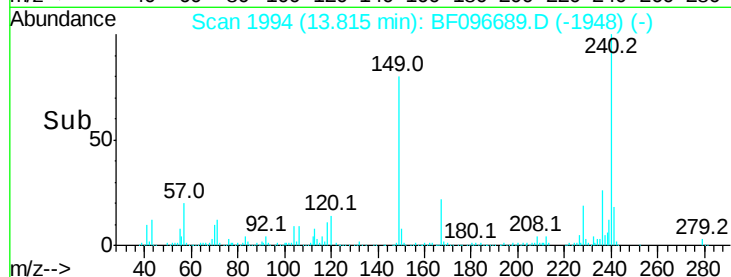
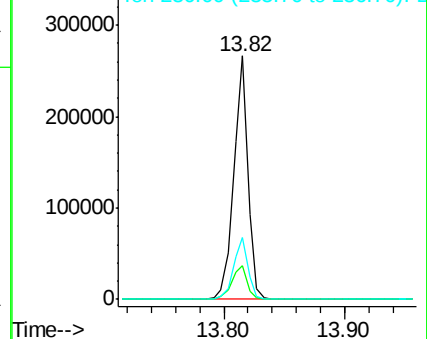
236 25.6 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.801 ng

RT: 12.51 min Scan# 1772

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

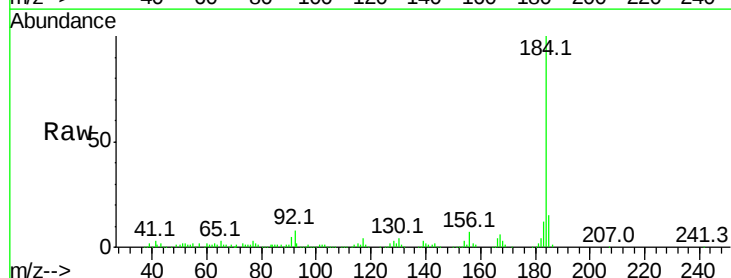
Tgt Ion:184 Resp: 227518

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

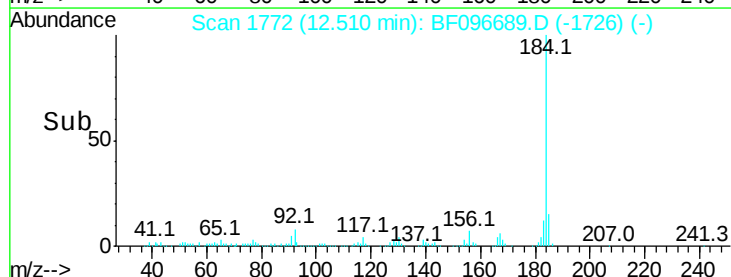
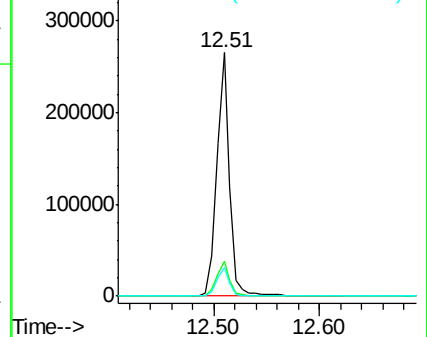
183 11.6 9.8 14.6

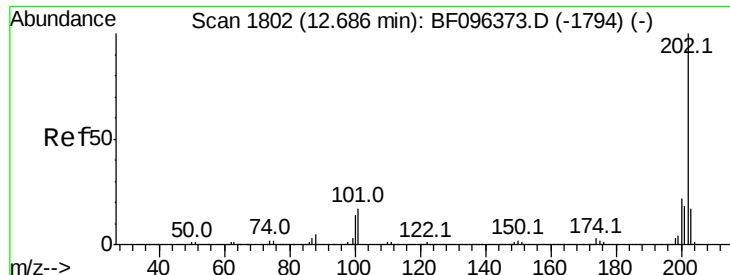


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

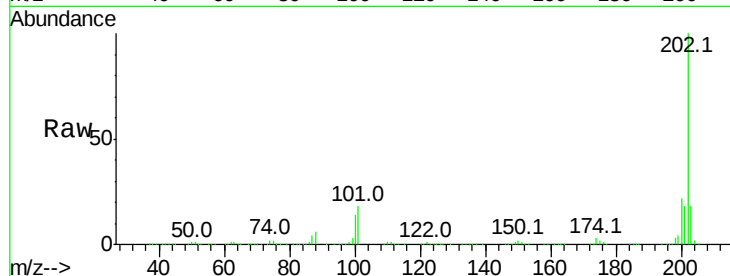




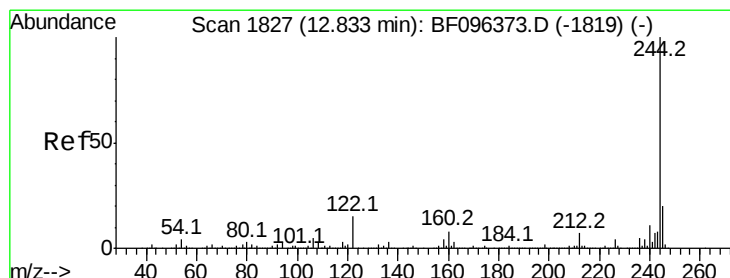
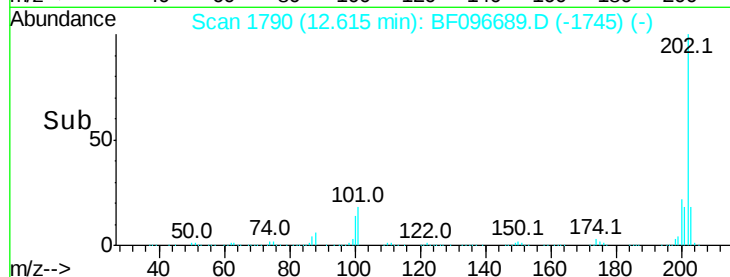
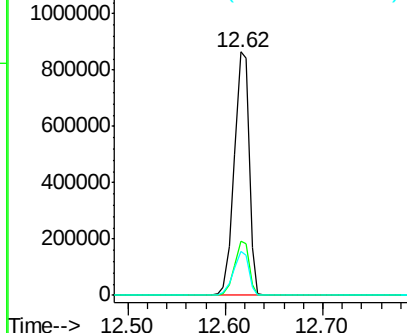
#77
Pvrene
Concen: 52.811 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	18.1	14.4	21.6

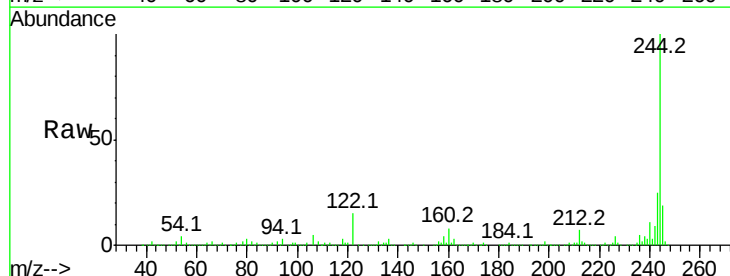


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

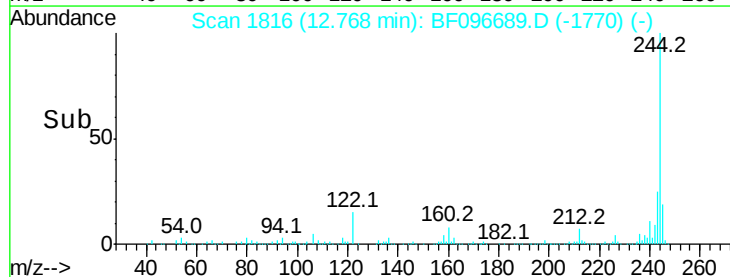
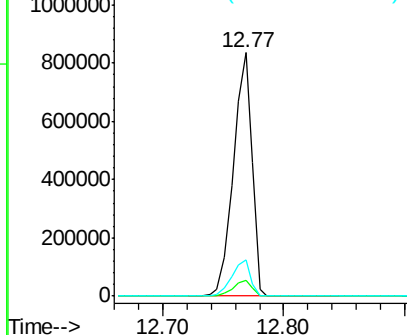


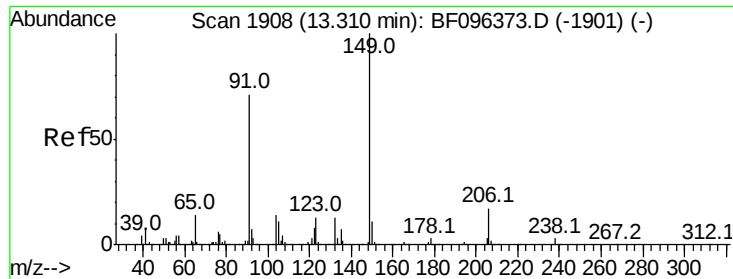
#78
Terphenyl-d14
Concen: 88.064 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.03 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

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



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

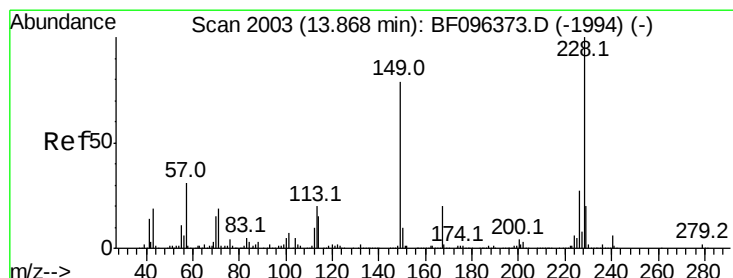
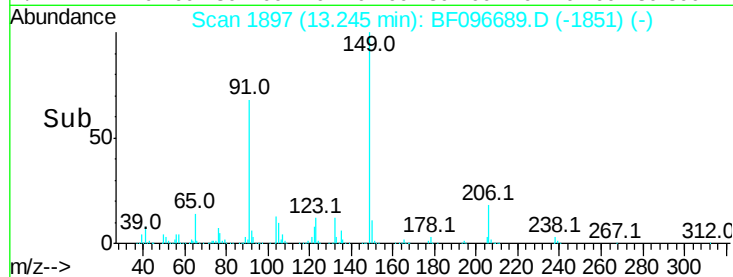
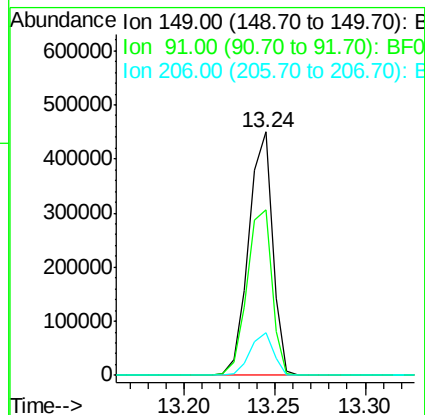
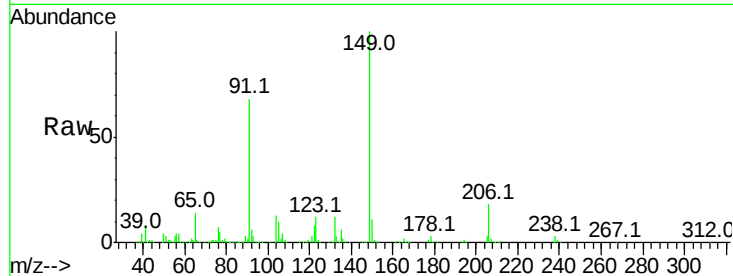




#79
 Butylbenzylphthalate
 Concen: 46.798 ng
 RT: 13.24 min Scan# 1897
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

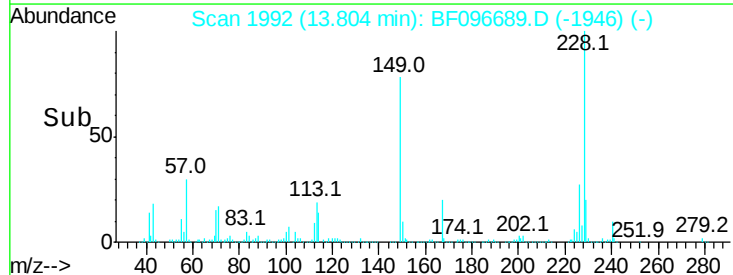
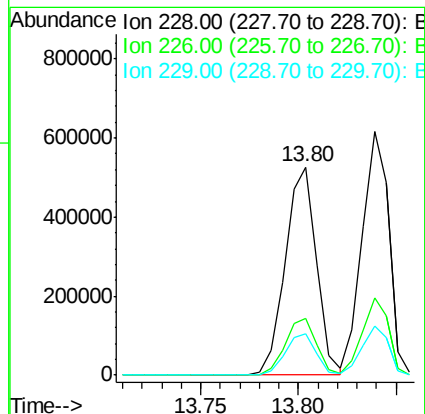
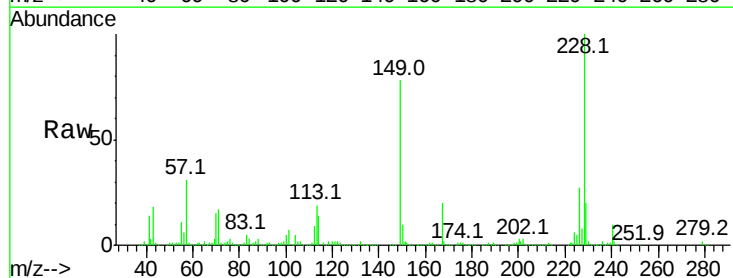
Instrument :
 BNA_F
 ClientSampleId :

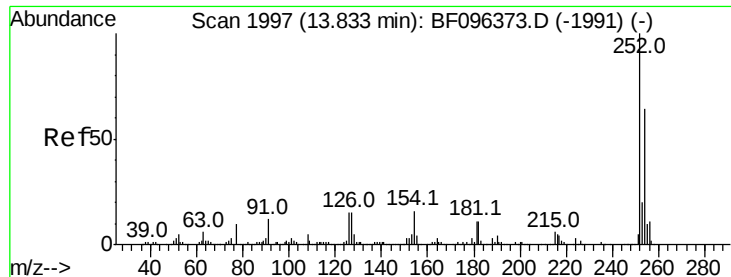
Tot Ion:149 Resp: 413581
 Ion Ratio Lower Upper
 149 100
 91 68.2 45.0 67.4#
 206 17.6 17.0 25.6



#80
 Benzo(a)anthracene
 Concen: 46.186 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.03 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion:228 Resp: 581709
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.6 33.8
 229 19.7 16.3 24.5

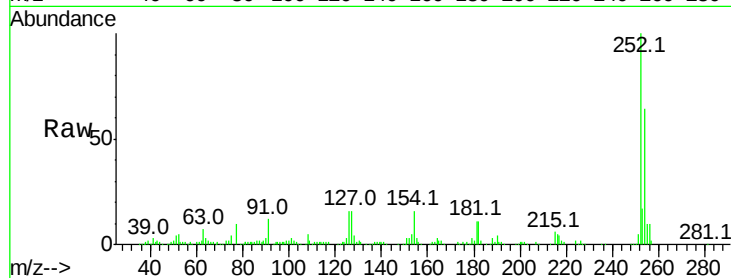




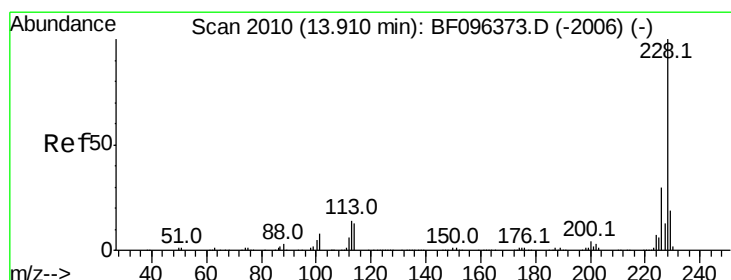
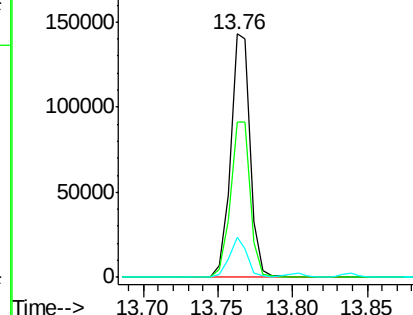
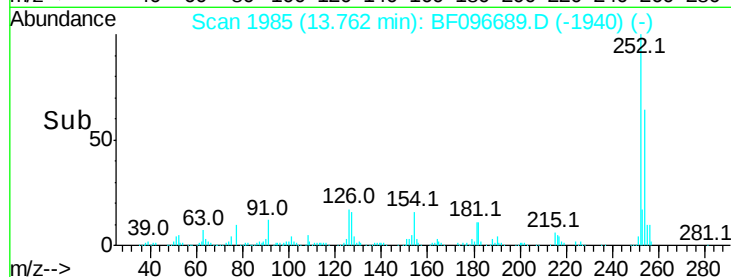
#81
 3,3'-Dichlorobenzidine
 Concen: 25.946 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	16.5	15.8	23.8

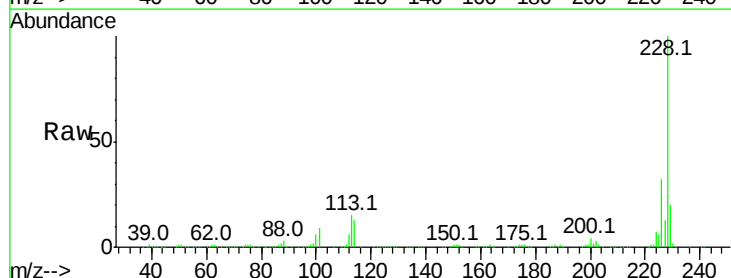


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

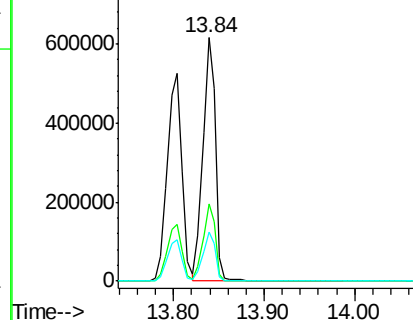
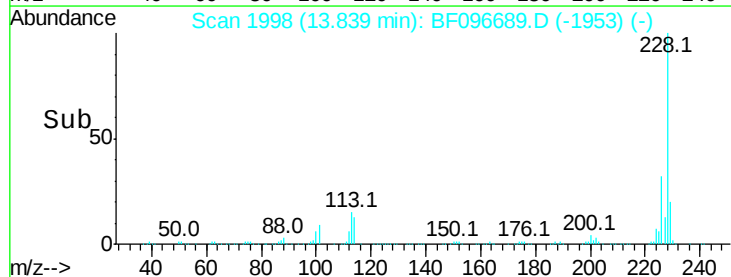


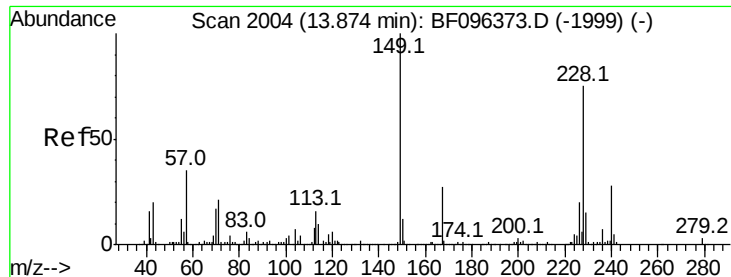
#82
 Chrysene
 Concen: 45.227 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.04 min
 Lab File: BF096689.D
 Acq: 12 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.2	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.430 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

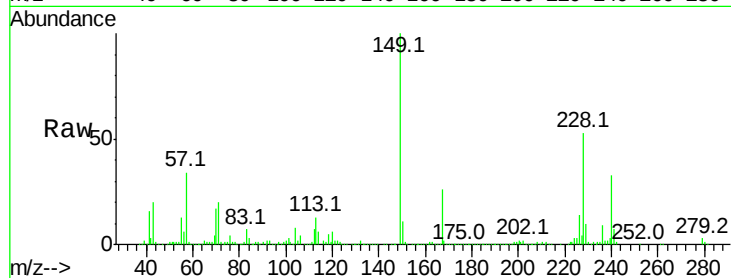
Tot Ion:149 Resp: 477750

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

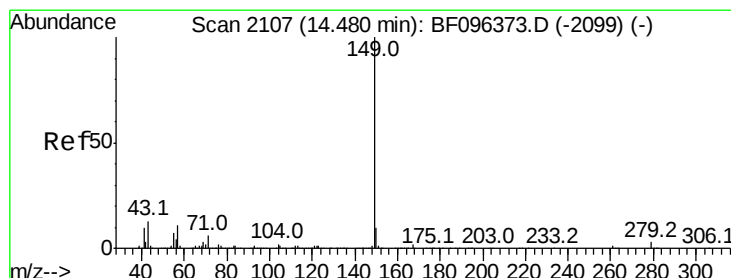
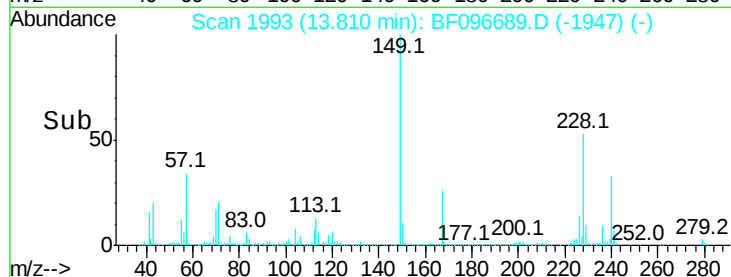
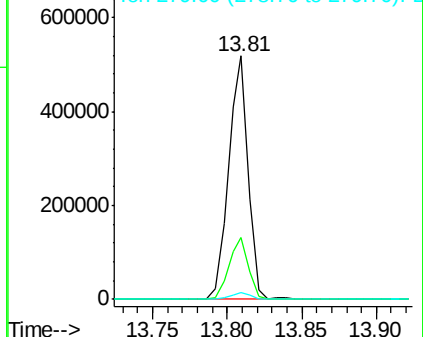
279 2.8 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.092 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.03 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

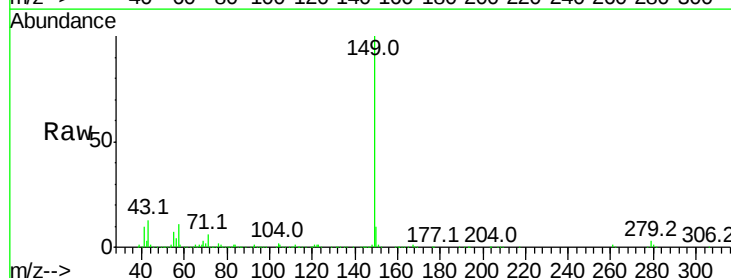
Tgt Ion:149 Resp: 856546

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

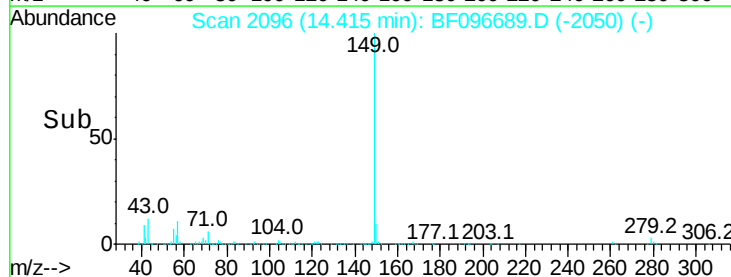
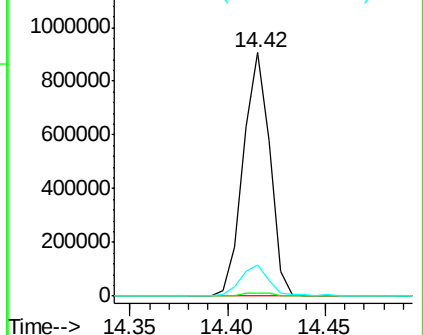
43 13.0 8.5 12.7#

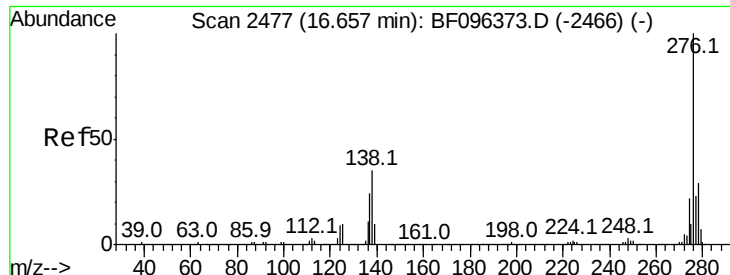


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

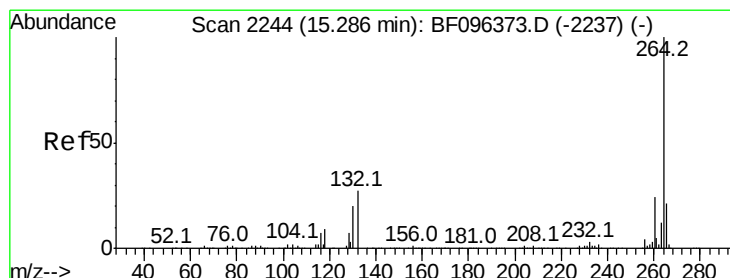
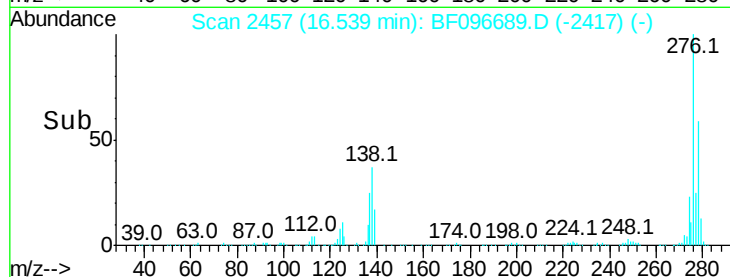
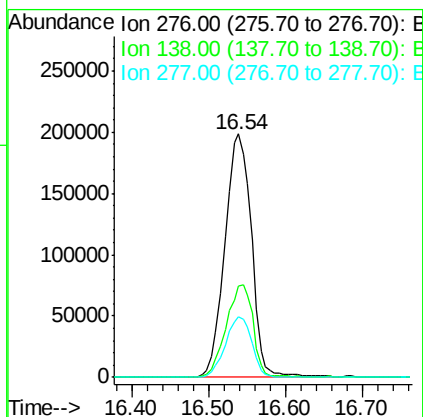
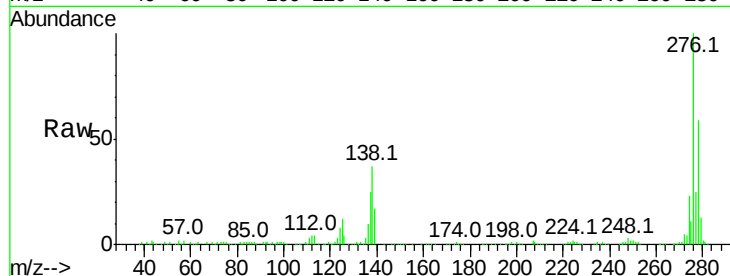




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.893 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.06 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

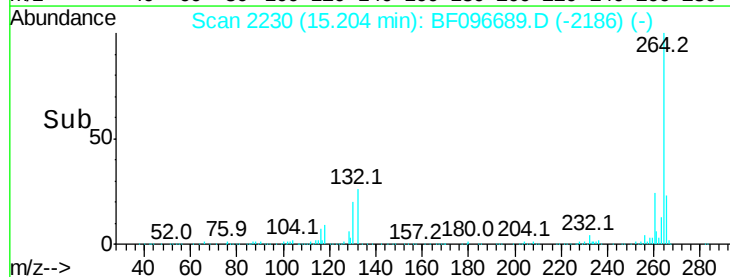
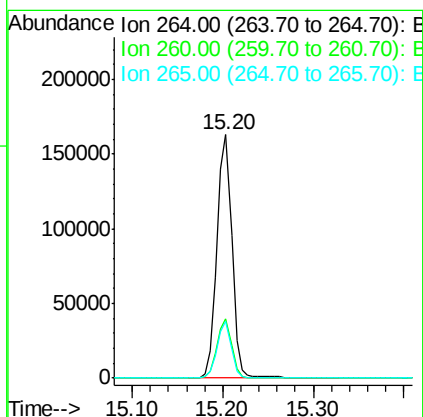
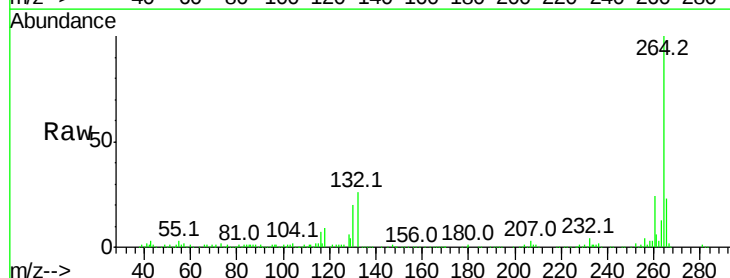
Instrument :
BNA_F
ClientSampleId :

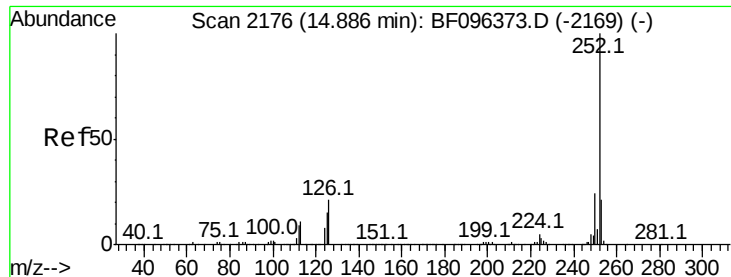
Tot Ion	Ratio	Lower	Upper
276	100		
138	38.5	27.8	41.6
277	24.8	20.2	30.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.2	17.2	25.8

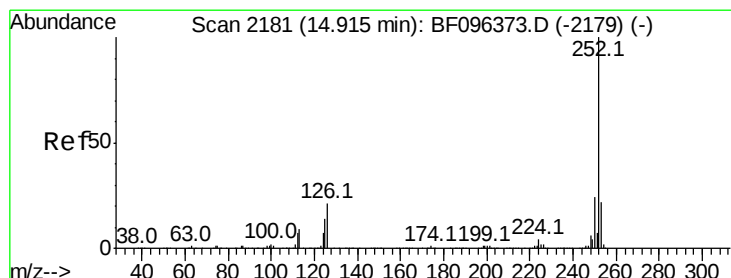
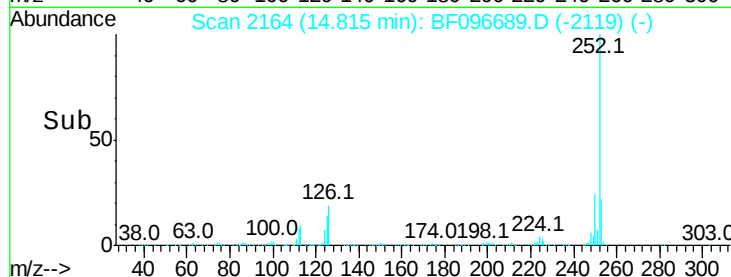
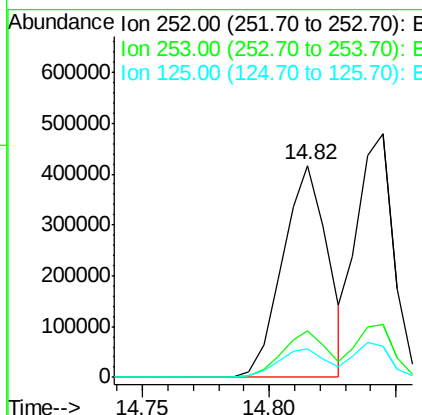
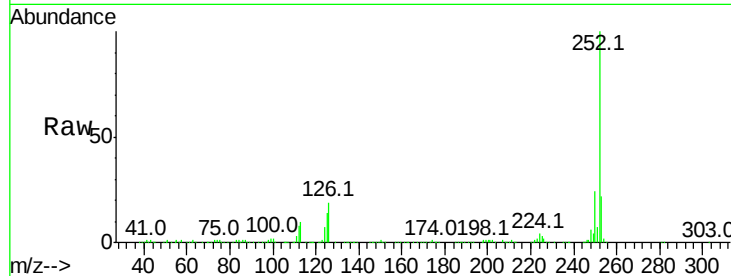




#87
Benzo(b)fluoranthene
Concen: 43.934 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.04 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

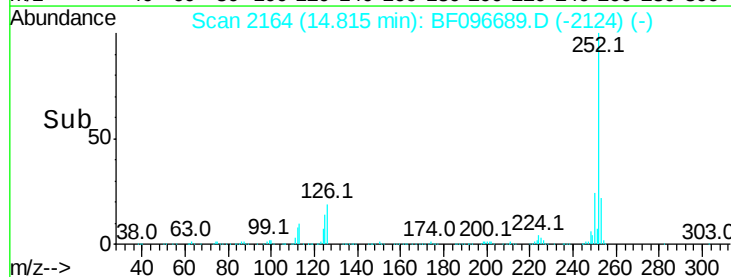
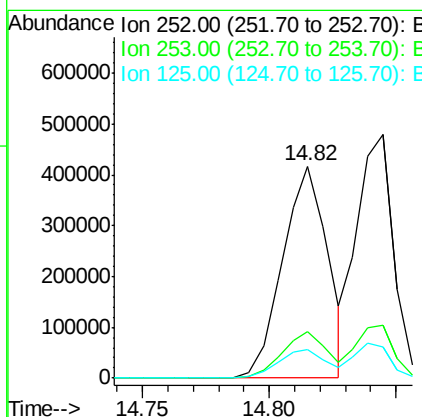
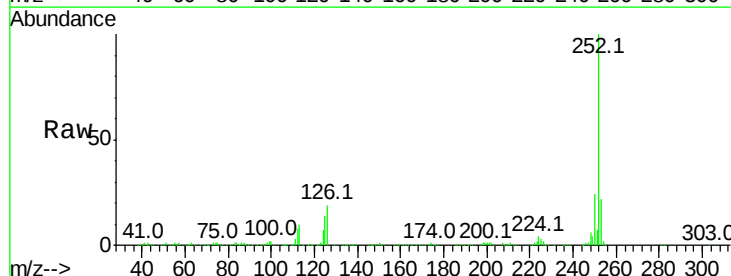
Instrument :
BNA_F
ClientSampleId :

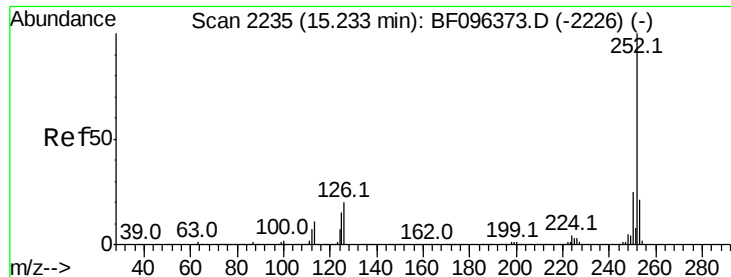
Tot Ion:252 Resp: 515638
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 13.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 49.115 ng
RT: 14.82 min Scan# 2164
Delta R.T. -0.06 min
Lab File: BF096689.D
Acq: 12 Jul 2017 14:03

Tgt Ion:252 Resp: 515638
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 46.199 ng

RT: 15.15 min Scan# 2221

Delta R.T. -0.04 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :

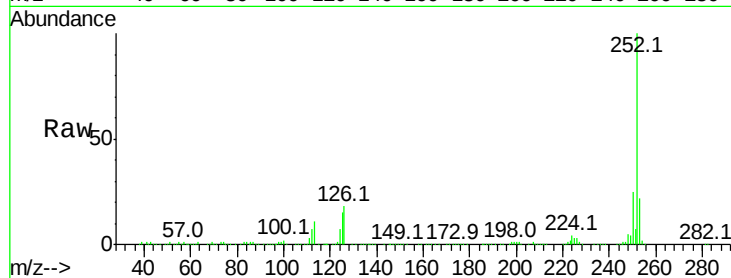
Tot Ion:252 Resp: 484095

Ion Ratio Lower Upper

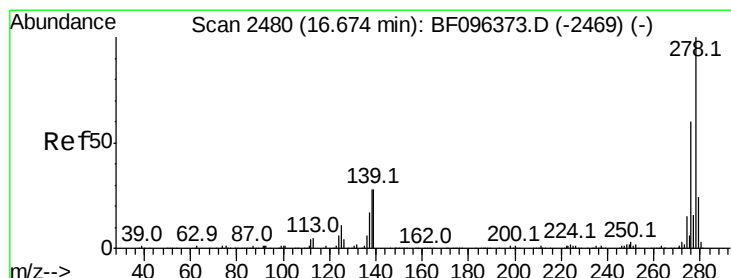
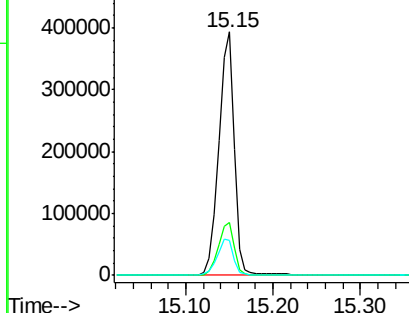
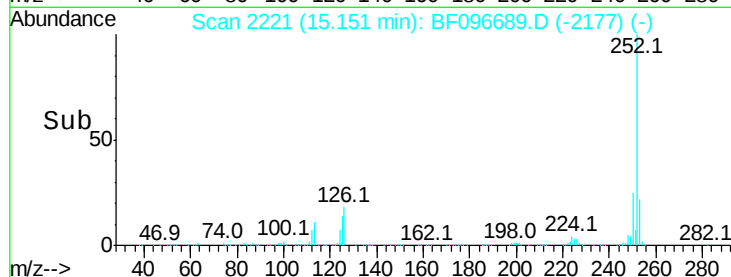
252 100

253 21.8 17.5 26.3

125 14.5 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: 47.268 ng

RT: 16.55 min Scan# 2459

Delta R.T. -0.06 min

Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

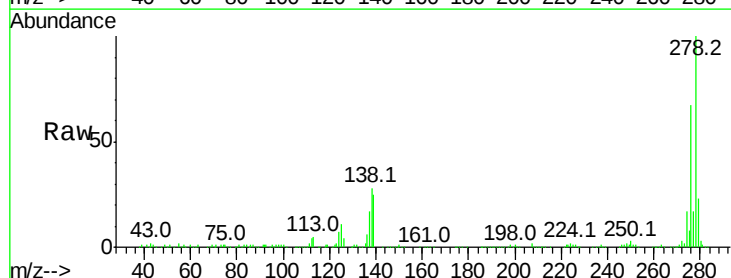
Tgt Ion:278 Resp: 389643

Ion Ratio Lower Upper

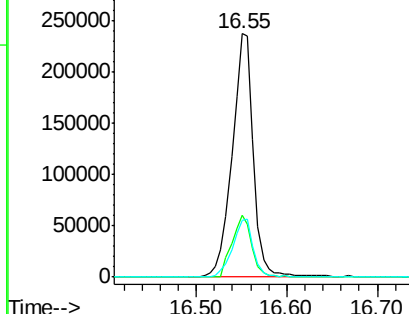
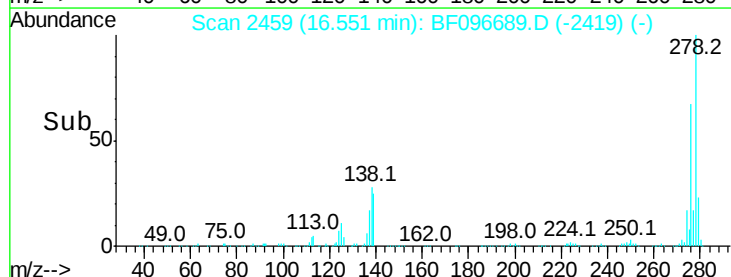
278 100

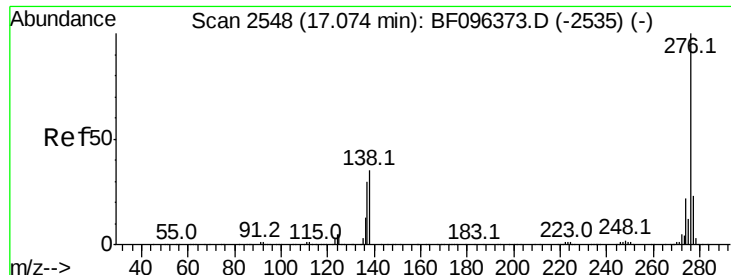
139 25.3 16.6 24.8#

279 23.1 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: 49.236 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.06 min

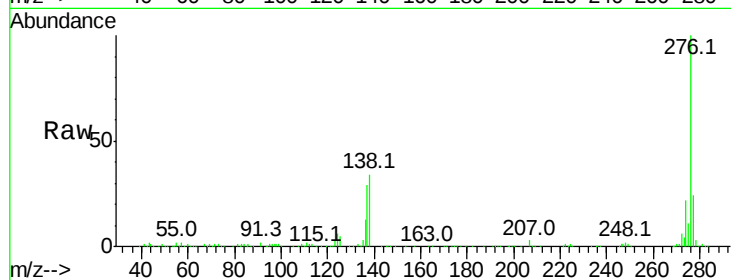
Lab File: BF096689.D

Acq: 12 Jul 2017 14:03

Instrument :

BNA_F

ClientSampleId :



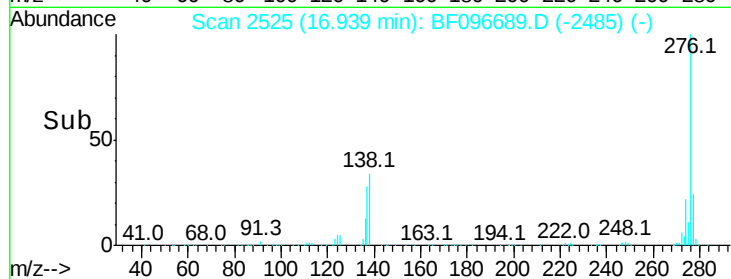
Tot Ion:276 Resp: 420569

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 33.7 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

