

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096680.D
 Acq On : 12 Jul 2017 8:51
 Operator : SJ/JU
 Sample : I4130-15MS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 14:39:41 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	6.70	152	78736	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	145543	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	69017	20.00	ng	0.02
63) Phenanthrene-d10	11.22	188	163198	20.00	ng	0.00
75) Chrysene-d12	13.83	240	171321	20.00	ng	-0.01
86) Perylene-d12	15.23	264	157927	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	426610	79.97	ng	0.00
7) Phenol-d6	6.34	99	601173	91.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	316537	130.69	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	76656	142.19	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	440135	109.04	ng	0.00
78) Terphenyl-d14	12.79	244	432932	54.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	100986	39.923	ng	# 75
3) Pyridine	3.05	79	260978	37.603	ng	# 64
4) n-Nitrosodimethylamine	2.98	42	166187	48.513	ng	# 81
6) Aniline	6.36	93	189258	22.328	ng	# 8
8) 2-Chlorophenol	6.49	128	147423	25.915	ng	# 91
9) Benzaldehyde	6.25	77	99306	24.196	ng	# 76
10) Phenol	6.35	94	245293	32.832	ng	# 87
11) bis(2-Chloroethyl)ether	6.44	93	190826	33.050	ng	# 79
12) 1,3-Dichlorobenzene	6.65	146	196553	32.952	ng	# 98
13) 1,4-Dichlorobenzene	6.72	146	170470	28.594	ng	# 81
14) 1,2-Dichlorobenzene	6.88	146	113317	20.701	ng	# 14
15) Benzyl Alcohol	6.85	79	182772	41.692	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	6.99	45	259469	22.105	ng	# 51
17) 2-Methylphenol	6.96	107	143845	31.729	ng	# 70
18) Hexachloroethane	7.29	117	1223723	566.174	ng	# 4
19) n-Nitroso-di-n-propylamine	7.12	70	53307	13.644	ng	# 71
20) 3+4-Methylphenols	7.12	107	143031	28.286	ng	# 60
22) Acetophenone	7.12	105	187783	59.049	ng	# 63
24) Nitrobenzene	7.29	77	313199	123.263	ng	# 80
25) Isophorone	7.53	82	394805	84.071	ng	# 41
26) 2-Nitrophenol	7.60	139	46769	34.776	ng	# 1
27) 2,4-Dimethylphenol	7.65	122	97257	42.471	ng	# 87
28) bis(2-Chloroethoxy)methane	7.74	93	138592	44.707	ng	# 34
29) 2,4-Dichlorophenol	7.86	162	127703	64.636	ng	# 89
30) 1,2,4-Trichlorobenzene	7.94	180	101531	54.478	ng	# 94
31) Naphthalene	8.02	128	488567	71.106	ng	# 85
32) Benzoic acid	7.80	122	34518	17.948	ng	# 56
33) 4-Chloroaniline	8.06	127	106266	37.234	ng	# 38
34) Hexachlorobutadiene	8.15	225	54604	57.122	ng	# 97
35) Caprolactam	8.45	113	144120	211.537	ng	# 1
36) 4-Chloro-3-methylphenol	8.55	107	118326	54.125	ng	# 73
37) 2-Methylnaphthalene	8.72	142	1094961	250.350	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	73561	41.049	ng	# 88
40) Hexachlorocyclopentadiene	8.87	237	19684	22.590	ng	# 96

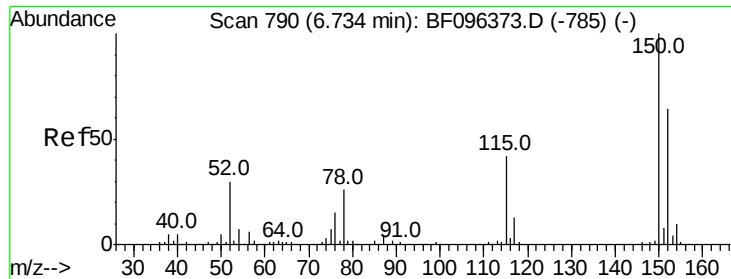
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
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 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	55964	39.477	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	43369	30.941	nq #	1
45) 1,1'-Biphenyl	9.17	154	213521	36.107	nq	96
46) 2-Chloronaphthalene	9.20	162	167709	38.055	nq #	87
47) 2-Nitroaniline	9.28	65	71286	44.455	nq #	83
48) Acenaphthylene	9.62	152	315738	45.215	nq #	82
49) Dimethylphthalate	9.46	163	292296	56.733	nq #	94
50) 2,6-Dinitrotoluene	9.53	165	49832	43.738	nq #	55
51) Acenaphthene	9.78	154	206939	48.076	nq	94
52) 3-Nitroaniline	9.69	138	58167	40.933	nq #	89
53) 2,4-Dinitrophenol	9.82	184	8533	14.101	nq #	21
54) Dibenzofuran	9.95	168	252169	44.373	nq #	72
55) 4-Nitrophenol	9.86	139	110697	93.984	nq #	58
56) 2,4-Dinitrotoluene	9.94	165	94406	65.432	nq #	60
57) Fluorene	10.29	166	278746	69.450	nq #	89
58) 2,3,4,6-Tetrachlorophenol	10.07	232	35829	36.946	nq #	30
59) Diethylphthalate	10.16	149	188526	38.713	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	77905	44.611	nq #	79
61) 4-Nitroaniline	10.29	138	46027	35.621	nq	85
62) Azobenzene	10.44	77	212282	45.081	nq #	75
64) 4,6-Dinitro-2-methylphenol	10.35	198	10838	9.629	nq #	1
65) n-Nitrosodiphenylamine	10.40	169	407582	71.180	nq	87
66) 4-Bromophenyl-phenylether	10.76	248	52315	32.930	nq #	74
67) Hexachlorobenzene	10.85	284	51530	29.631	nq #	75
68) Atrazine	10.92	200	56024	34.247	nq	87
69) Pentachlorophenol	11.03	266	56661	54.973	nq	95
70) Phenanthrene	11.24	178	530949	60.184	nq	97
71) Anthracene	11.29	178	354376	39.419	nq	98
72) Carbazole	11.44	167	347350	38.419	nq	99
73) Di-n-butylphthalate	11.77	149	430403	39.304	nq	100
74) Fluoranthene	12.42	202	434000	50.176	nq	99
76) Benzidine	12.53	184	171721	20.889	nq #	93
77) Pyrene	12.65	202	434251	31.579	nq	99
79) Butylbenzylphthalate	13.26	149	193709	27.827	nq #	81
80) Benzo(a)anthracene	13.83	228	383655	38.671	nq	100
81) 3,3'-Dichlorobenzidine	13.79	252	116290	28.539	nq #	97
82) Chrysene	13.86	228	374050	36.004	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	272760	35.103	nq	100
84) Di-n-octyl phthalate	14.43	149	508741	33.247	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.59	276	319547	38.966	nq	99
87) Benzo(b)fluoranthene	14.87	252	340448	34.404	nq	98
88) Benzo(k)fluoranthene	14.87	252	340448	38.461	nq	96
89) Benzo(a)pyrene	15.18	252	328409	37.172	nq	99
90) Dibenzo(a,h)anthracene	16.60	278	269974	38.843	nq	99
91) Benzo(g,h,i)perylene	16.99	276	261288	36.279	nq	96

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

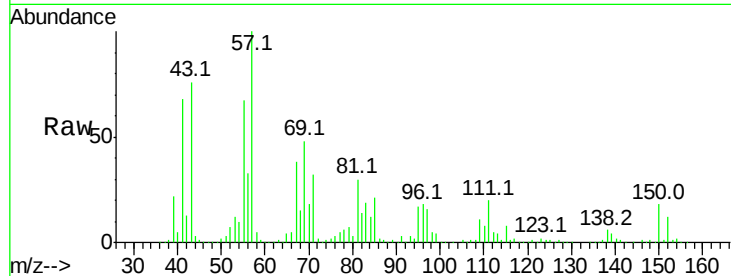


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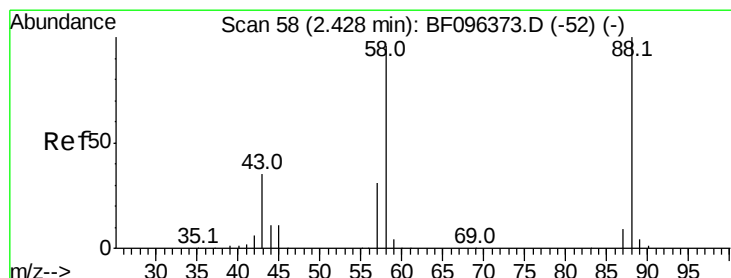
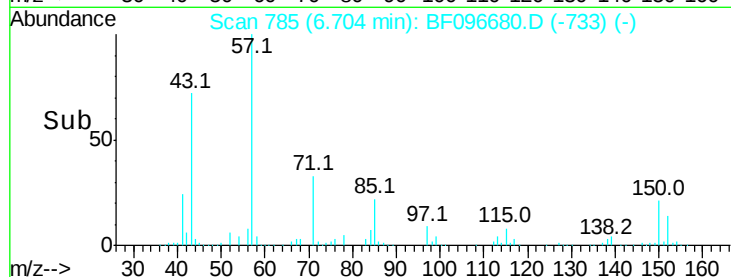
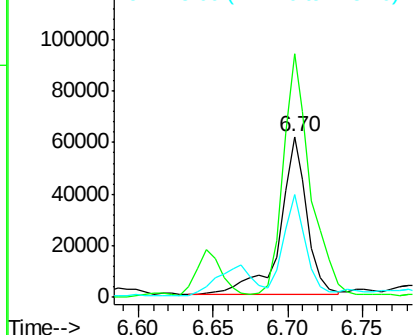
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78736
Ion Ratio Lower Upper
152 100
150 151.8 126.2 189.2
115 64.3 52.2 78.2



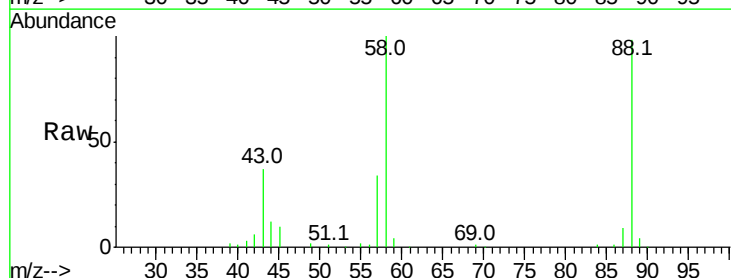
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



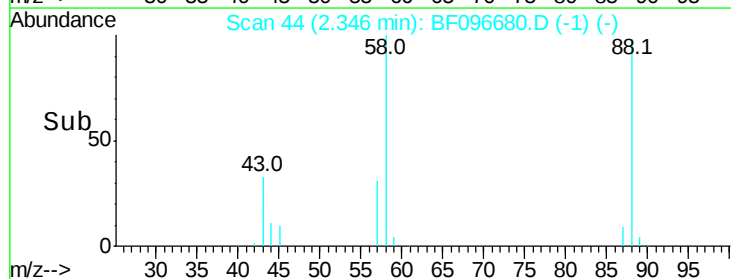
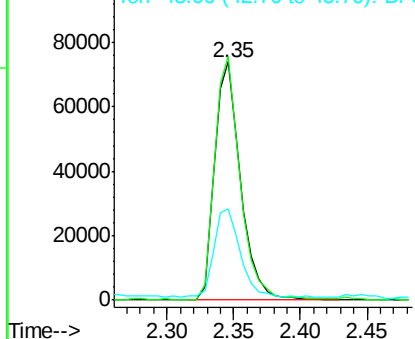
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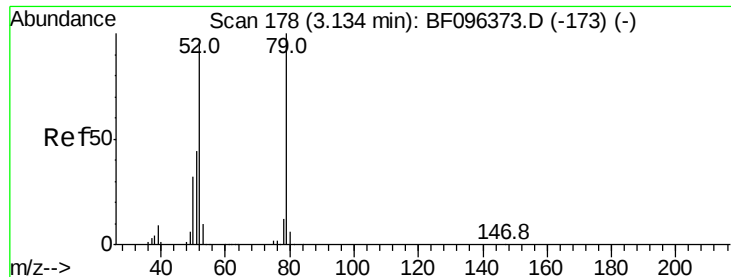
1,4-Dioxane
Concen: 39.923 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion: 88 Resp: 100986
Ion Ratio Lower Upper
88 100
58 101.1 61.4 92.0#
43 38.3 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.603 ng

RT: 3.05 min Scan# 163

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

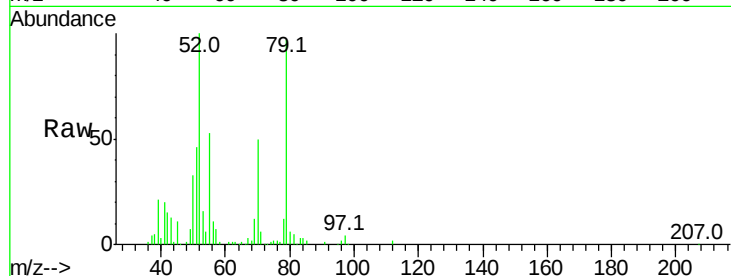
Tot Ion: 79 Resp: 260978

Ion Ratio Lower Upper

79 100

52 102.7 54.8 82.2#

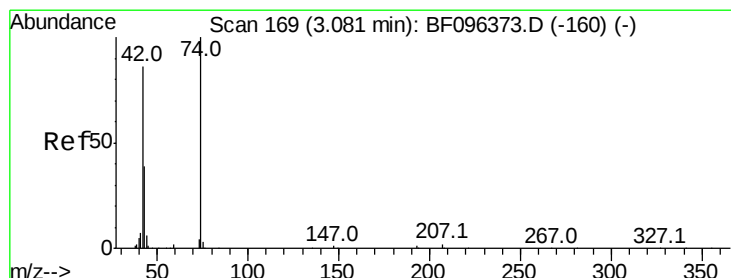
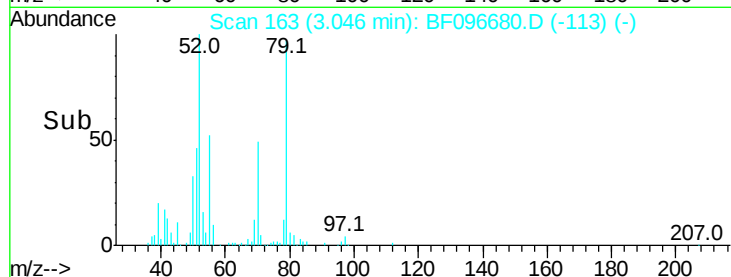
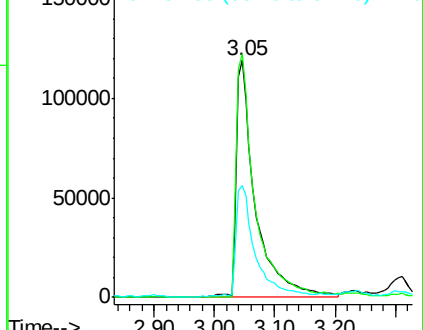
51 47.1 27.0 40.4#



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: 48.513 ng

RT: 2.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

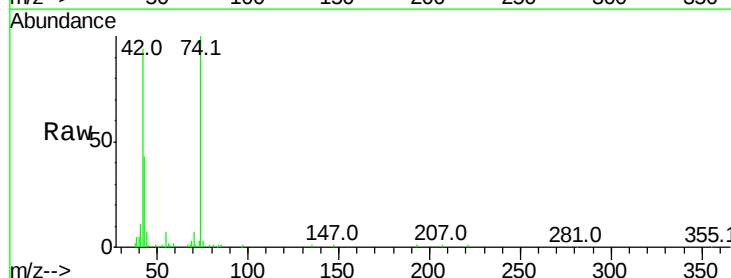
Tgt Ion: 42 Resp: 166187

Ion Ratio Lower Upper

42 100

74 106.2 103.9 155.9

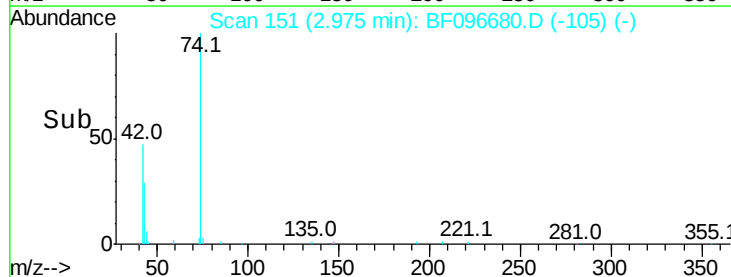
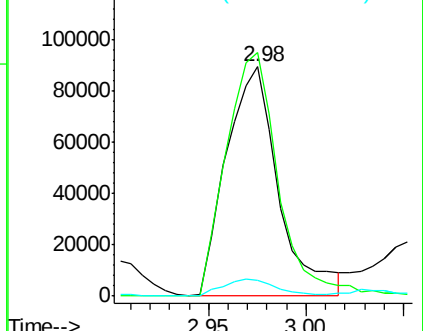
44 6.9 5.7 8.5

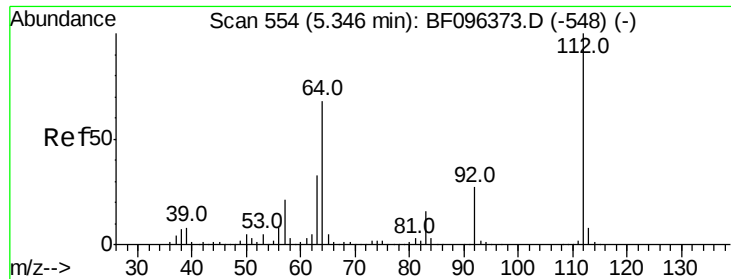


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.972 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

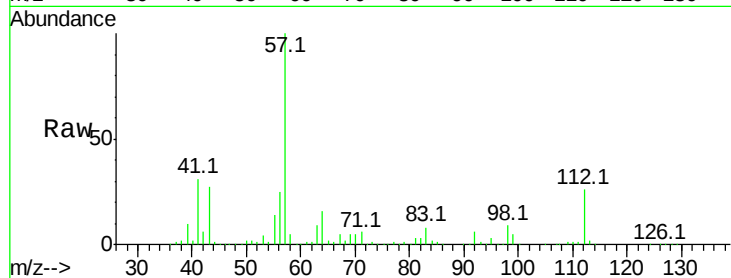
Tot Ion:112 Resp: 426610

Ion Ratio Lower Upper

112 100

64 63.5 46.0 69.0

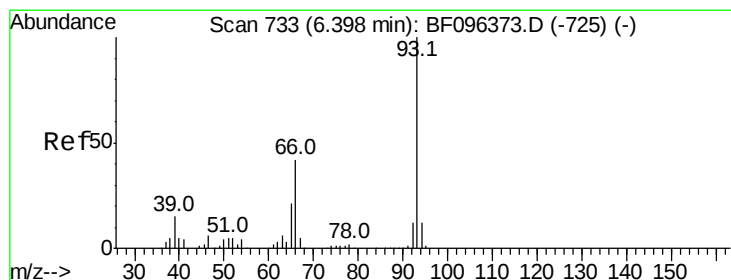
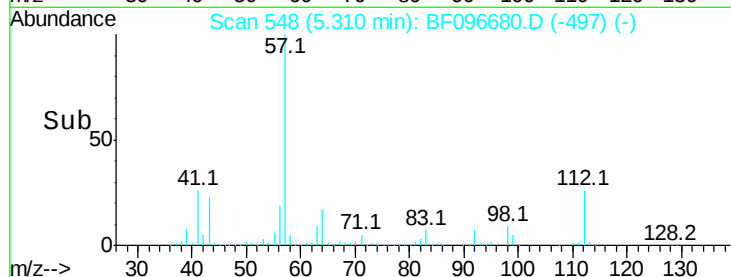
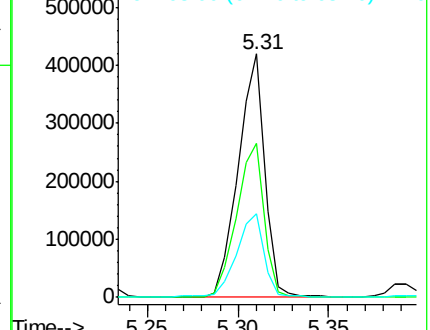
63 34.3 23.4 35.0



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: 22.328 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

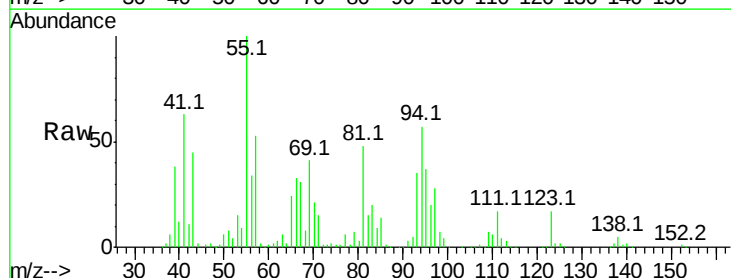
Tgt Ion: 93 Resp: 189258

Ion Ratio Lower Upper

93 100

66 94.4 32.9 49.3#

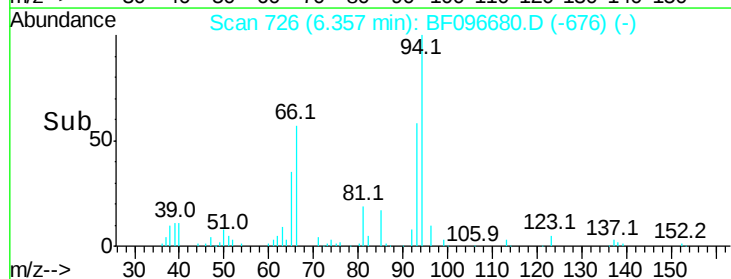
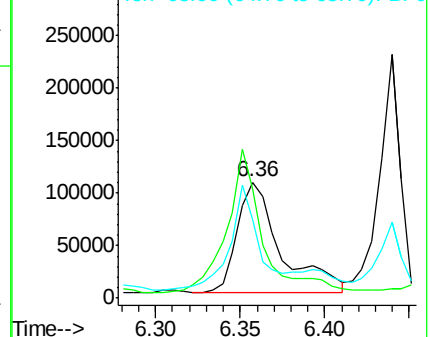
65 68.3 16.0 24.0#

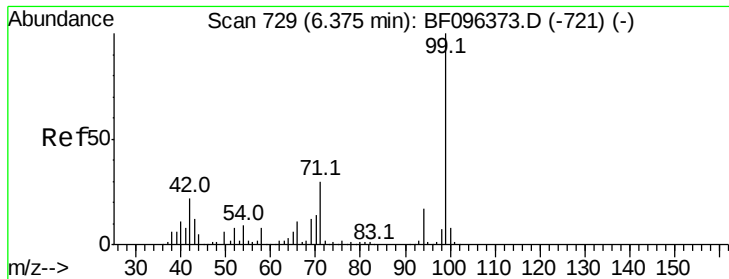


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 91.669 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

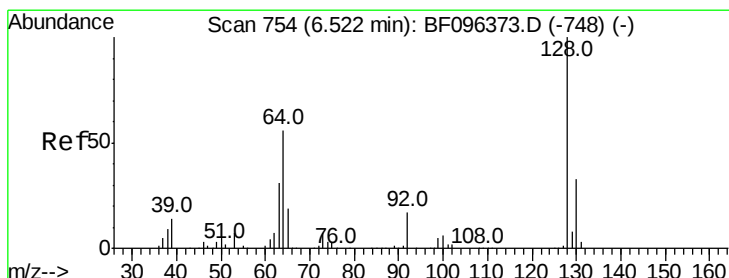
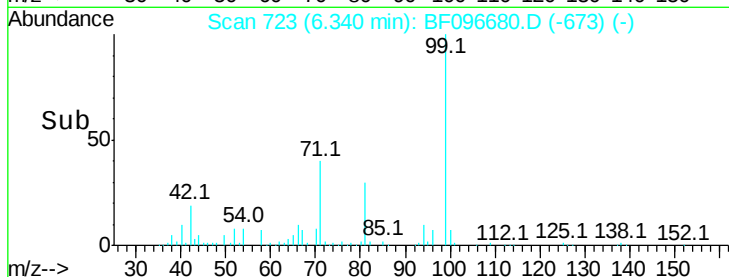
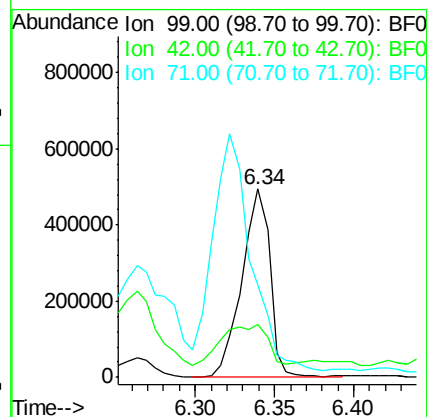
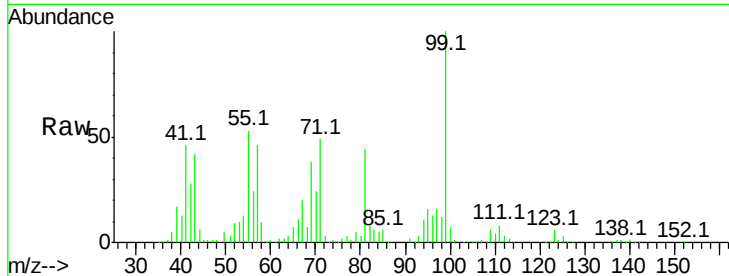
Tot Ion: 99 Resp: 601173

Ion Ratio Lower Upper

99 100

42 28.3 13.5 20.3#

71 49.0 24.5 36.7#



#8

2-Chlorophenol

Concen: 25.915 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

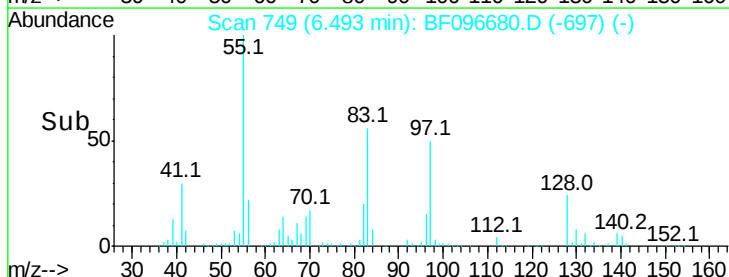
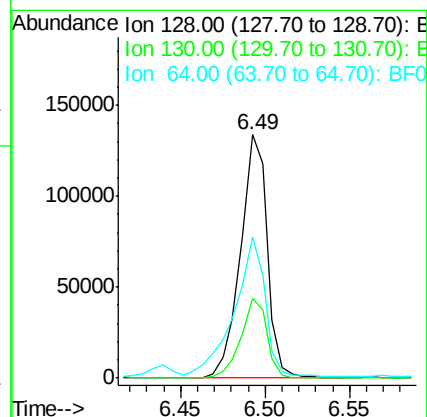
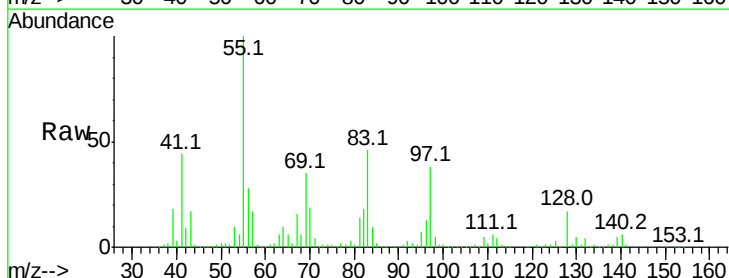
Tgt Ion:128 Resp: 147423

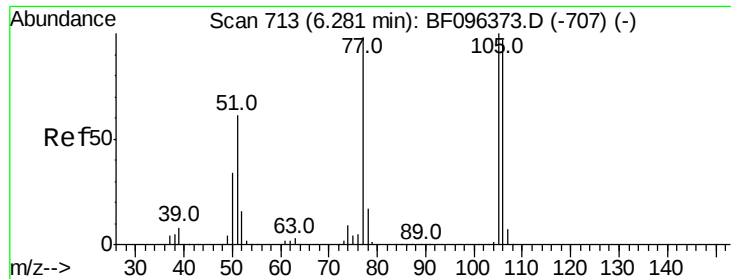
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 58.0 28.4 68.4





#9

Benzaldehyde

Concen: 24.196 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

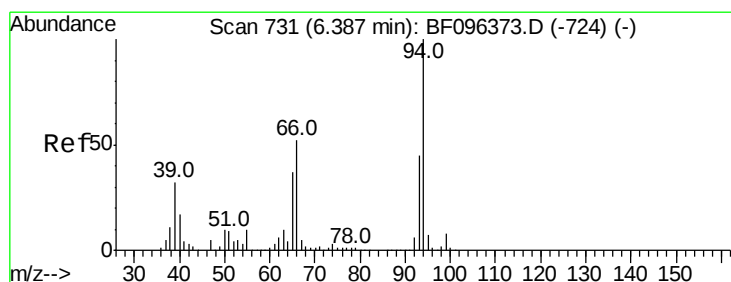
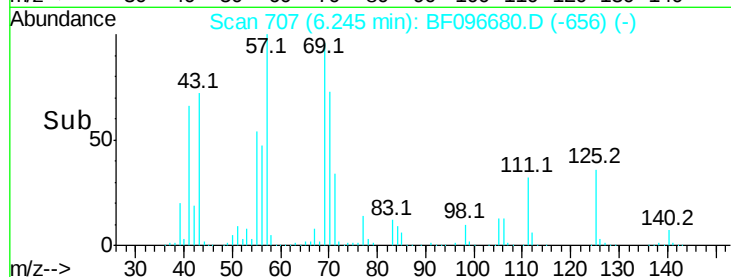
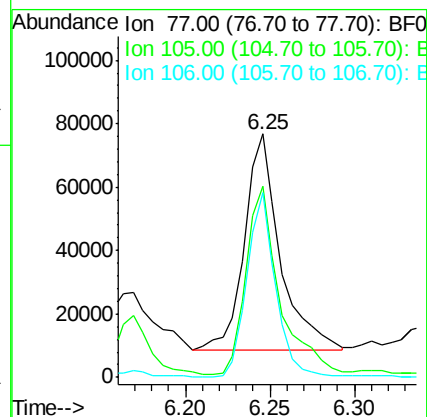
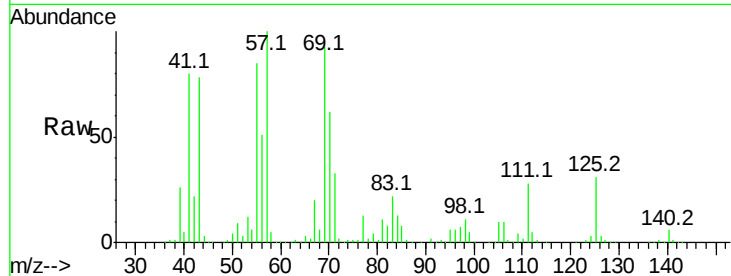
Tot Ion: 77 Resp: 99306

Ion Ratio Lower Upper

77 100

105 78.3 83.8 123.8#

106 76.0 79.1 119.1#



#10

Phenol

Concen: 32.832 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

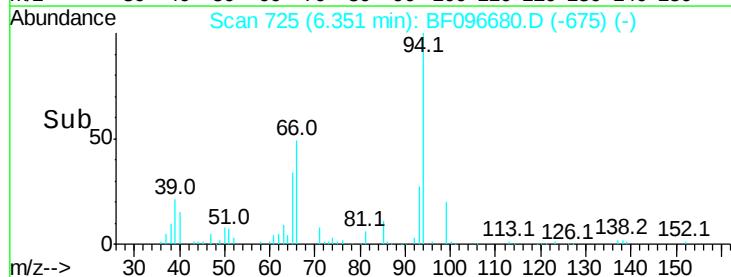
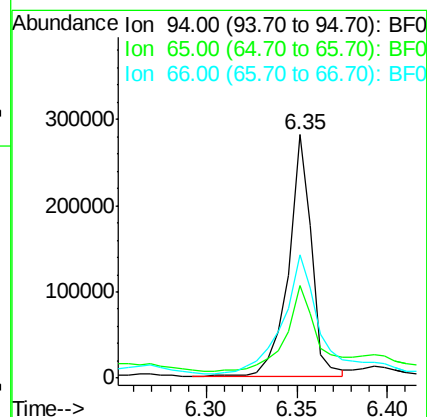
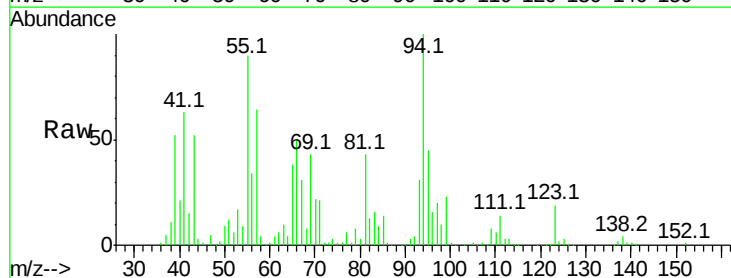
Tgt Ion: 94 Resp: 245293

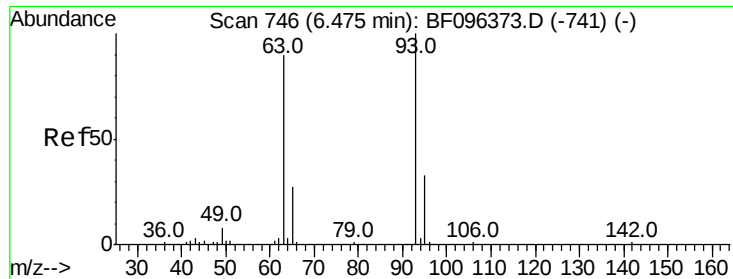
Ion Ratio Lower Upper

94 100

65 38.2 9.9 49.9

66 50.5 23.1 63.1

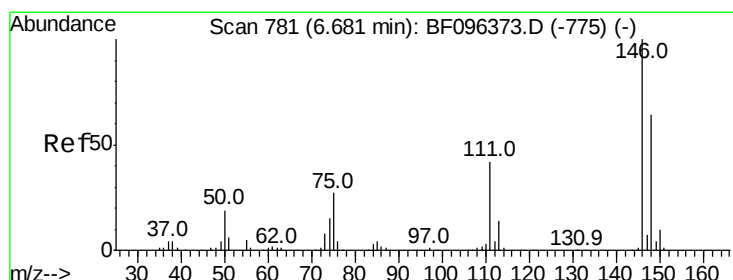
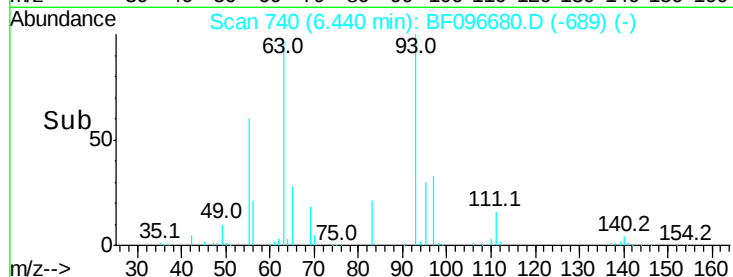
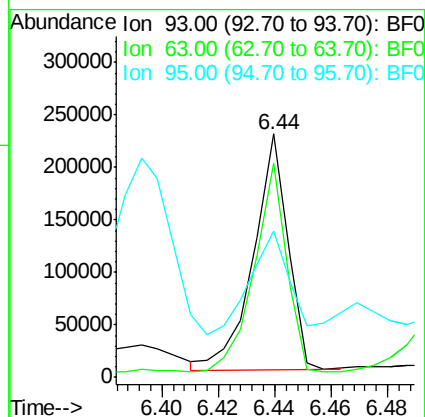
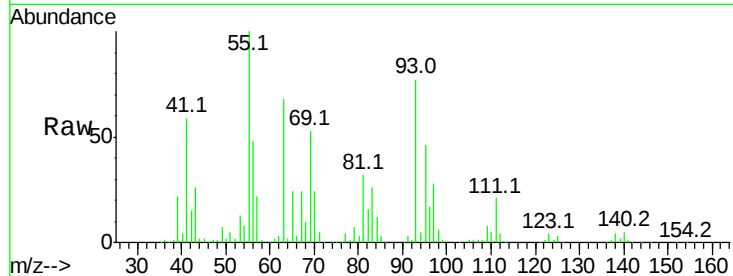




#11
bis(2-Chloroethyl)ether
Concen: 33.050 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

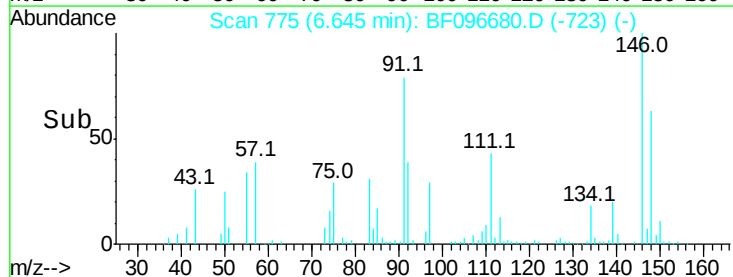
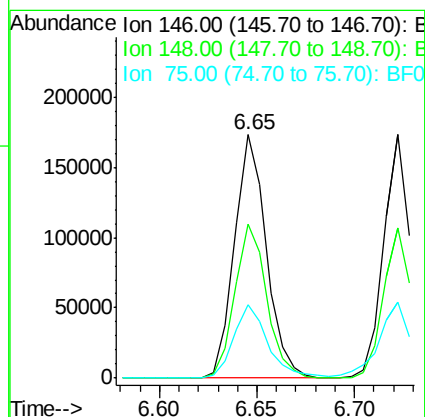
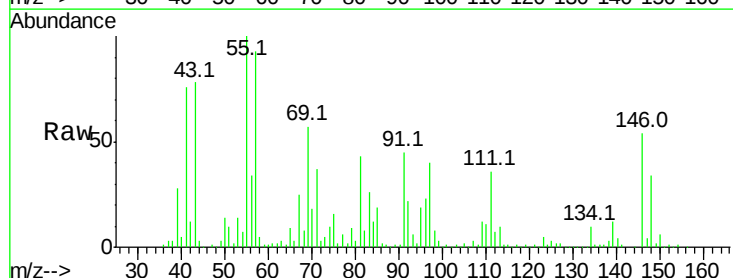
Instrument :
BNA_F
ClientSampleId :

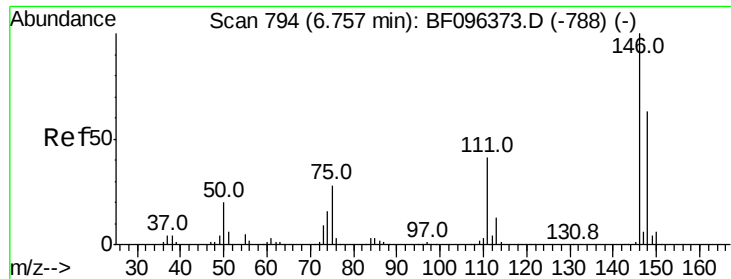
Tot Ion: 93 Resp: 190826
Ion Ratio Lower Upper
93 100
63 87.9 59.2 99.2
95 60.0 12.8 52.8#



#12
1,3-Dichlorobenzene
Concen: 32.952 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:146 Resp: 196553
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 30.0 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 28.594 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

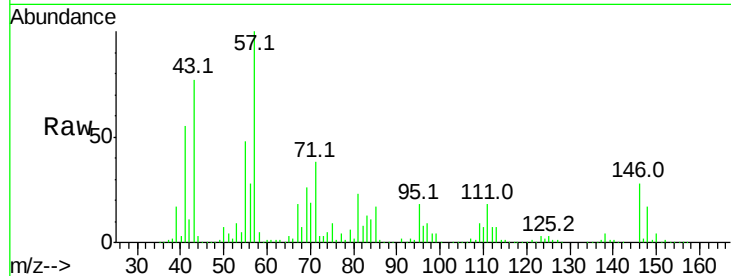
Tot Ion:146 Resp: 170470

Ion Ratio Lower Upper

146 100

148 61.8 52.2 78.2

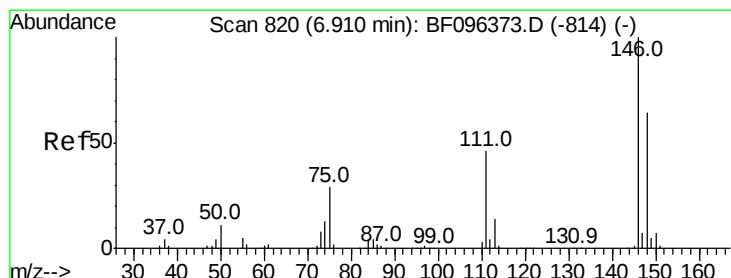
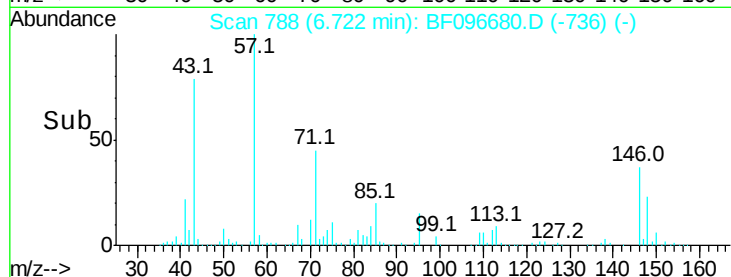
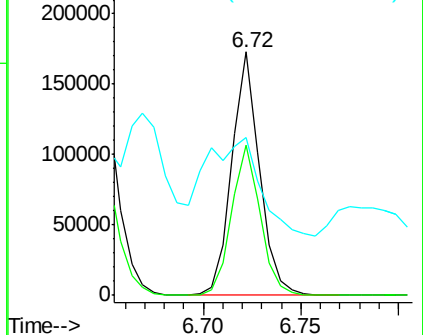
111 64.8 30.3 45.5#



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: 20.701 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

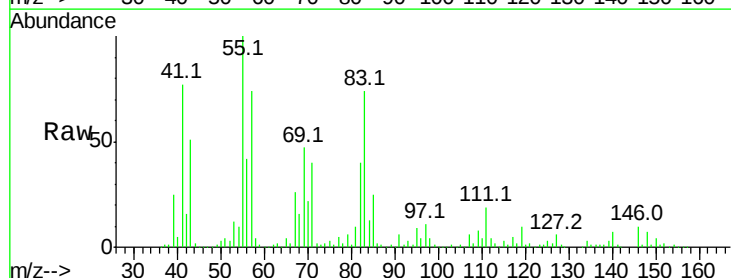
Tgt Ion:146 Resp: 113317

Ion Ratio Lower Upper

146 100

148 63.2 50.4 75.6

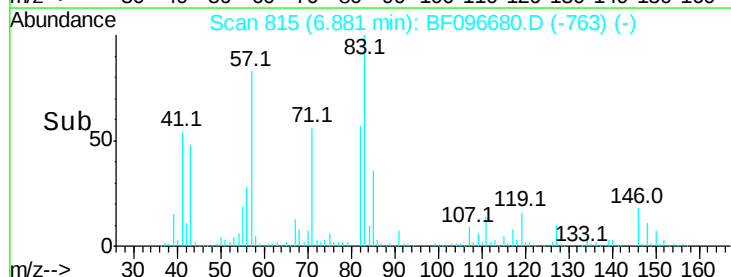
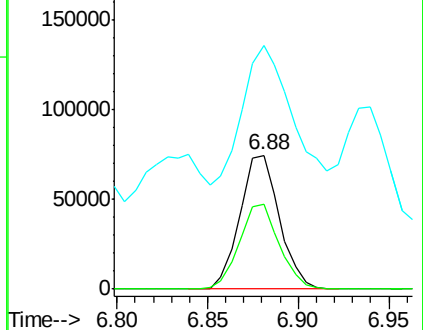
111 182.0 38.2 57.4#

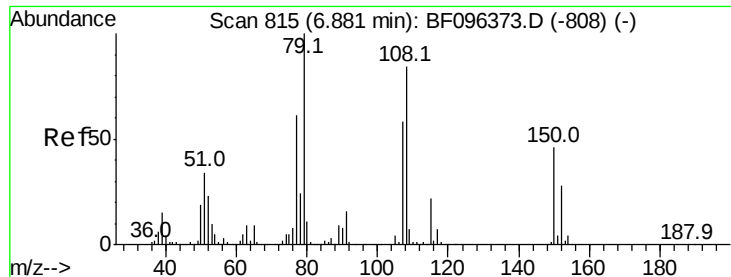


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.692 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

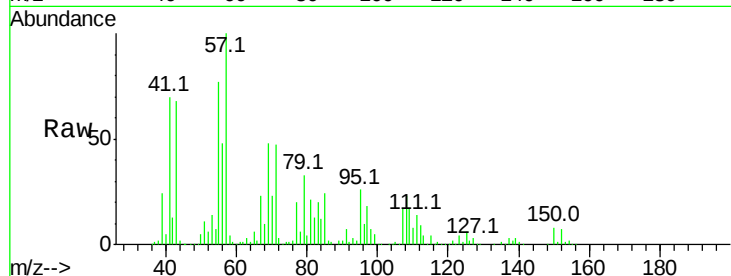
Tot Ion: 79 Resp: 182772

Ion Ratio Lower Upper

79 100

108 69.2 63.4 95.0

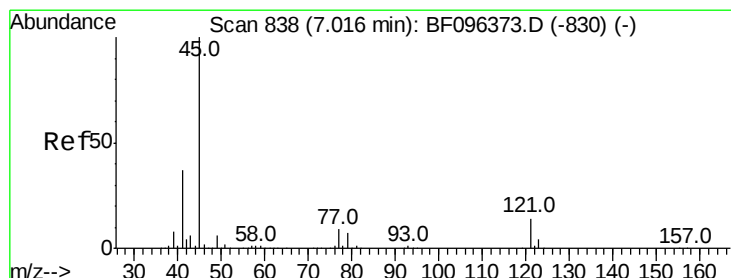
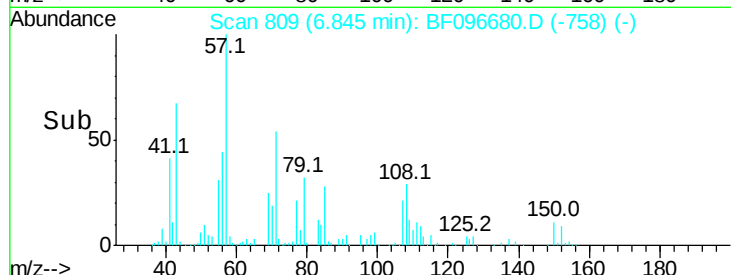
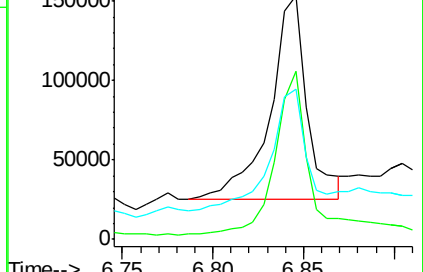
77 61.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 22.105 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

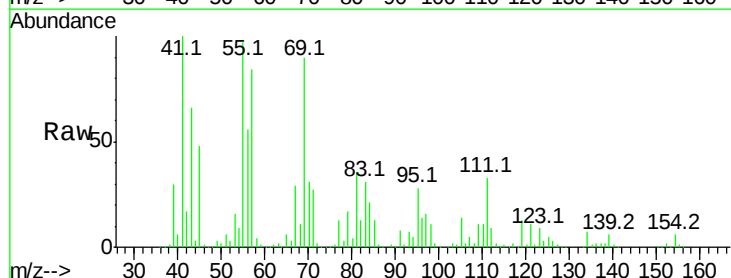
Tgt Ion: 45 Resp: 259469

Ion Ratio Lower Upper

45 100

77 27.1 0.0 33.2

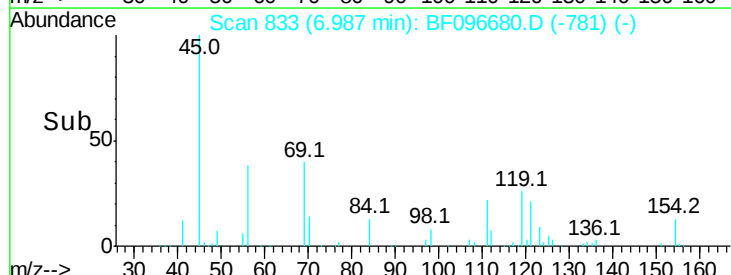
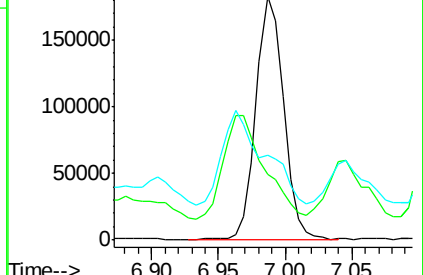
79 35.1 0.0 30.0#

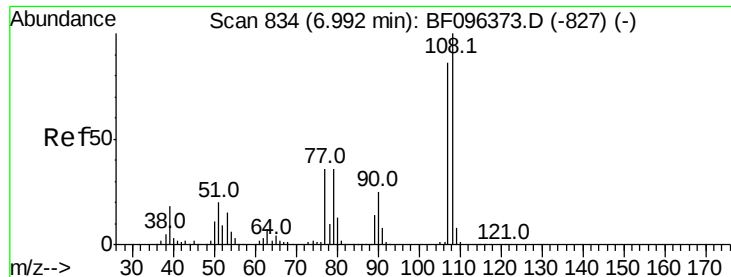


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 31.729 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF096680.D

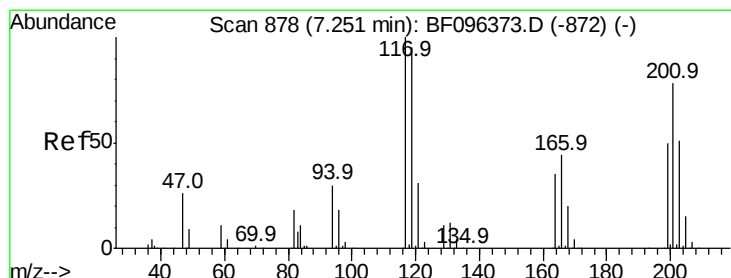
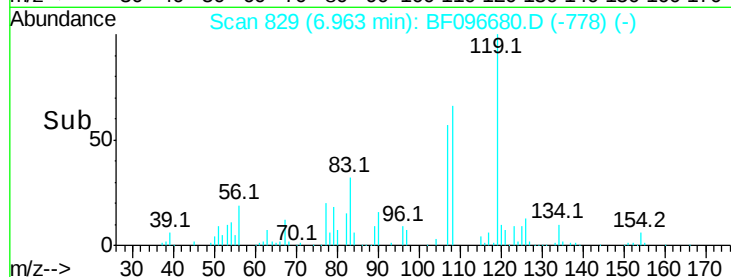
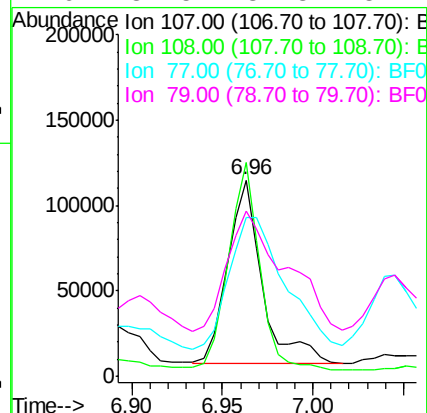
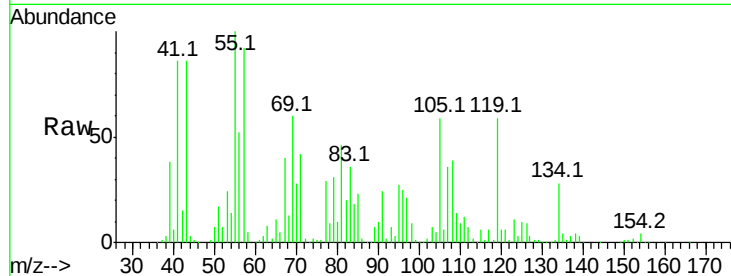
Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	143845
Ion	Ratio	Lower	Upper
107	100		
108	108.9	93.4	140.0
77	81.3	35.8	53.6#
79	84.5	34.8	52.2#



#18

Hexachloroethane

Concen: 566.174 ng

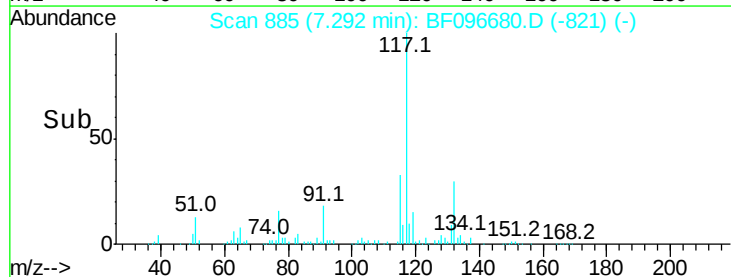
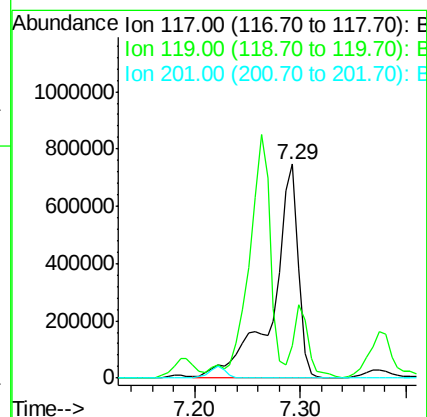
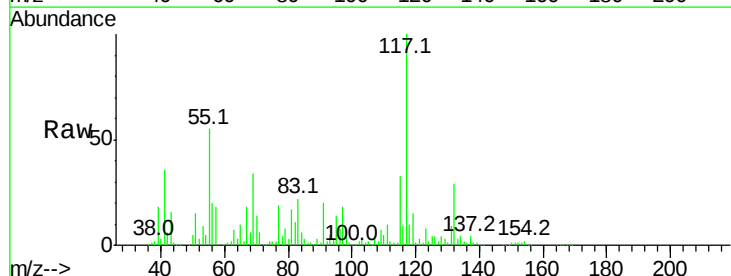
RT: 7.29 min Scan# 885

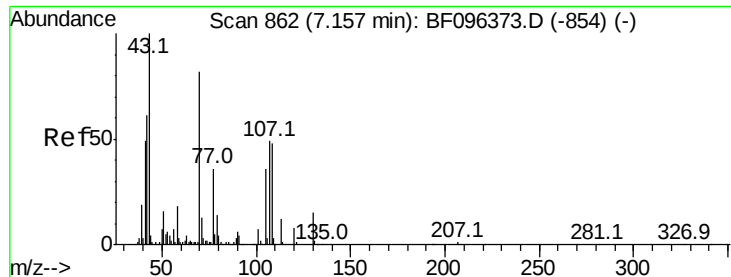
Delta R.T. 0.08 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Tgt Ion:	117	Resp:	1223723
Ion	Ratio	Lower	Upper
117	100		
119	15.4	77.4	116.0#
201	0.0	94.6	141.8#

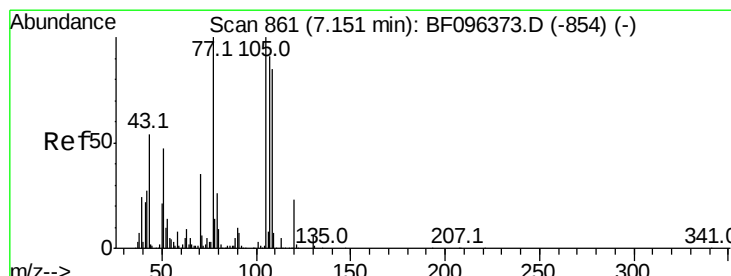
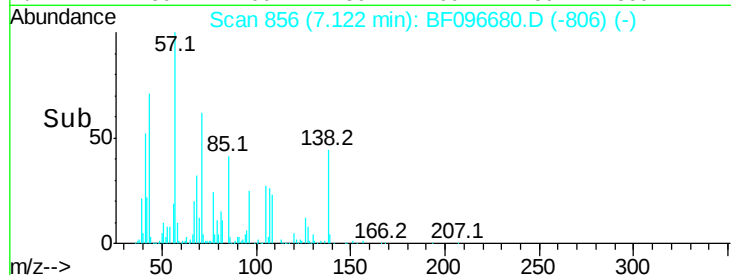
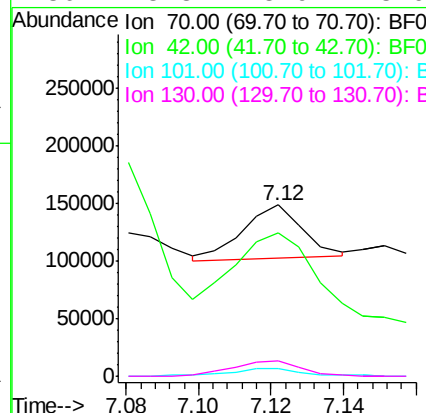
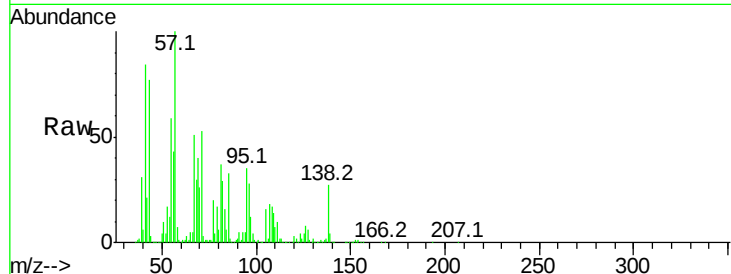




#19
n-Nitroso-di-n-propylamine
Concen: 13.644 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

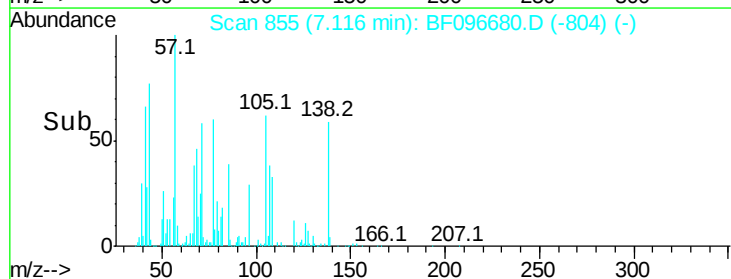
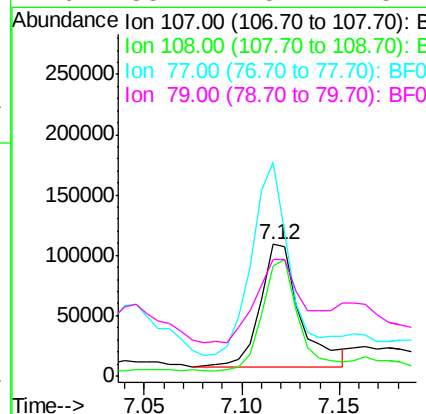
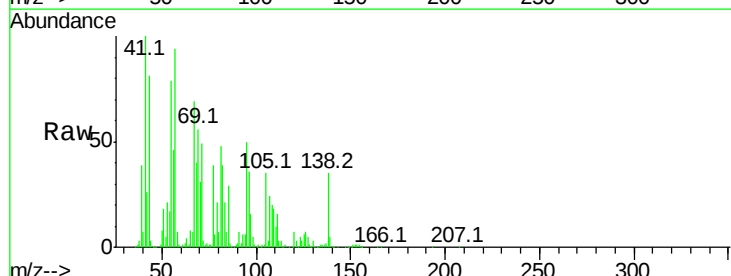
Instrument :
BNA_F
ClientSampled :

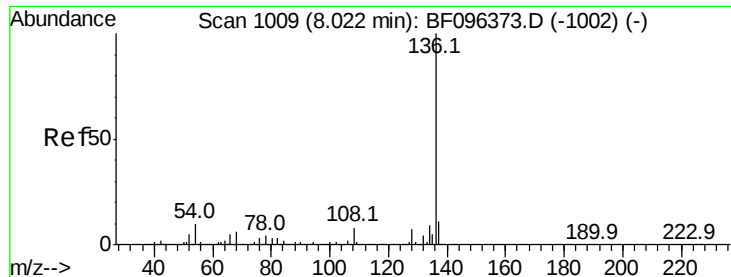
Tot Ion: 70 Resp: 53307
Ion Ratio Lower Upper
70 100
42 83.6 47.2 70.8#
101 4.2 7.2 10.8#
130 8.8 15.9 23.9#



#20
3+4-Methylphenols
Concen: 28.286 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:107 Resp: 143031
Ion Ratio Lower Upper
107 100
108 84.3 71.0 111.0
77 162.6 90.5 130.5#
79 88.4 8.4 48.4#

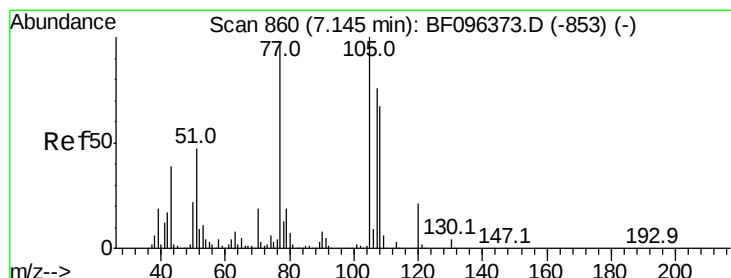
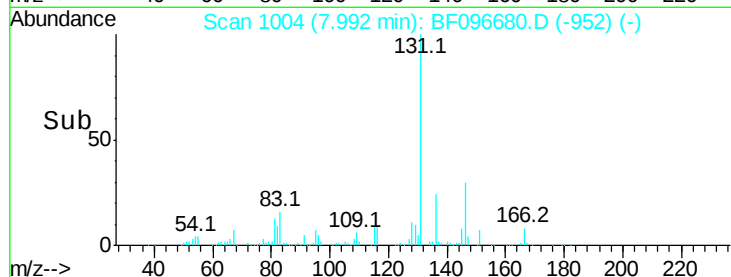
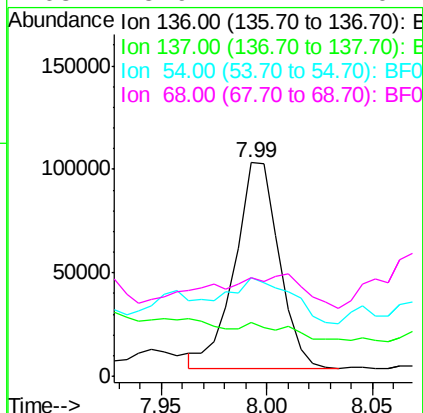
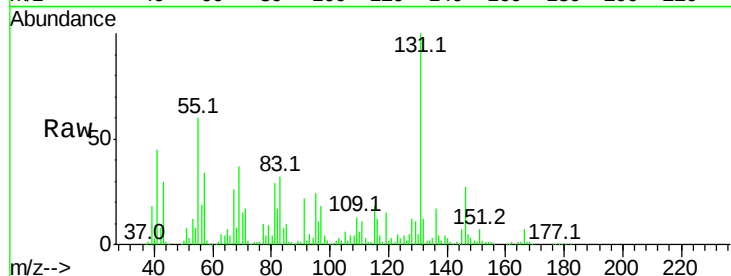




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

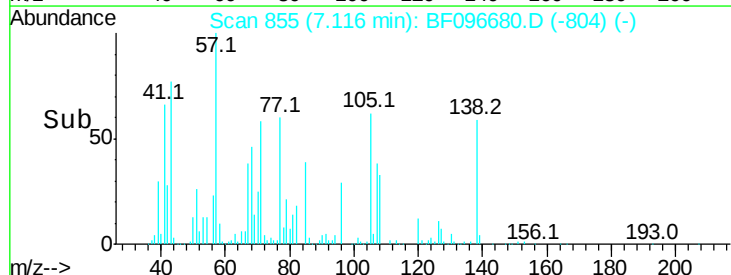
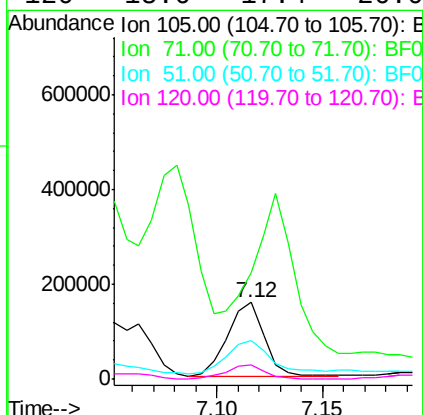
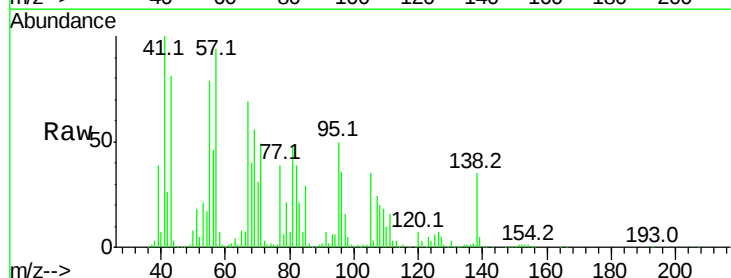
Instrument :
BNA_F
ClientSampled :

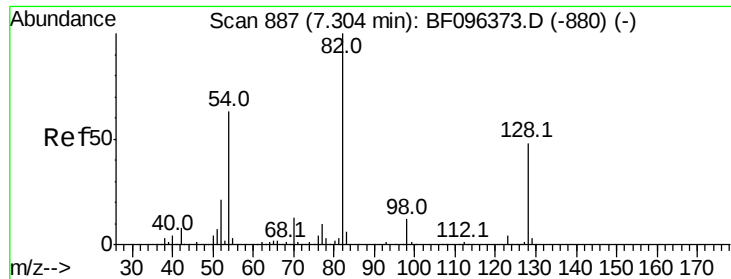
Tot Ion:	136	Resp:	145543
Ion	Ratio	Lower	Upper
136	100		
137	24.9	8.5	12.7#
54	45.9	4.9	7.3#
68	45.9	4.1	6.1#



#22
Acetophenone
Concen: 59.049 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:	105	Resp:	187783
Ion	Ratio	Lower	Upper
105	100		
71	138.6	2.8	4.2#
51	51.2	30.7	46.1#
120	18.6	17.4	26.0

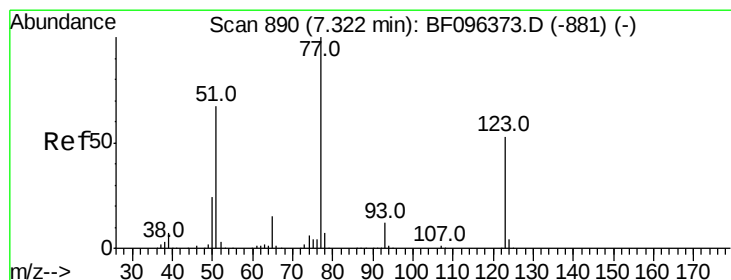
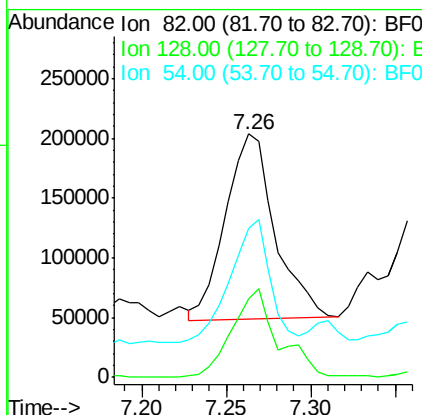
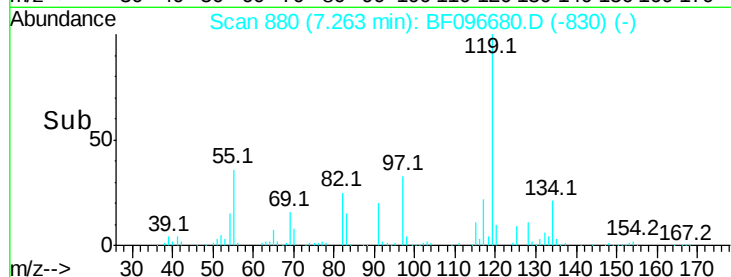
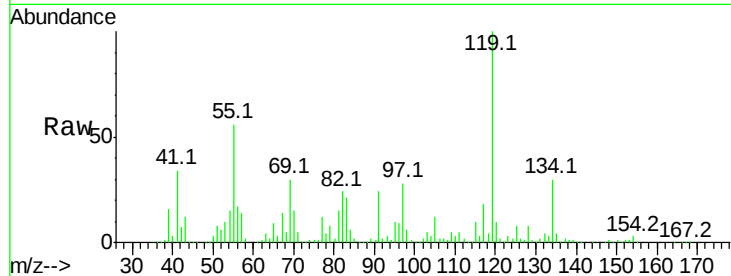




#23
 Nitrobenzene-d5
 Concen: 130.690 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

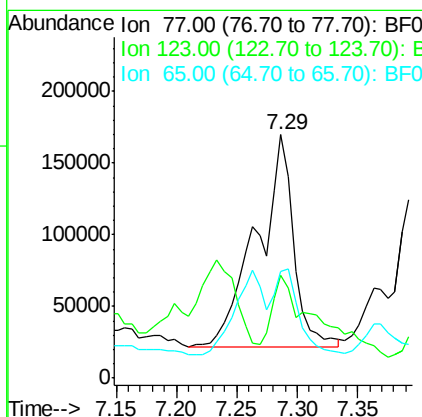
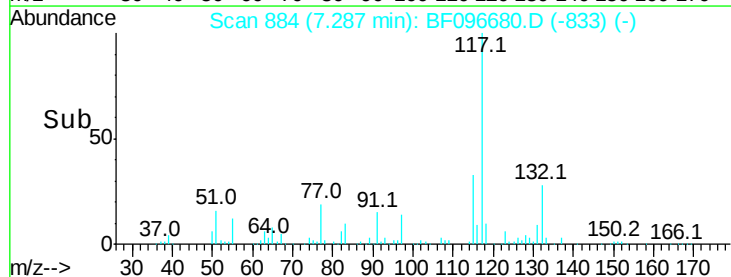
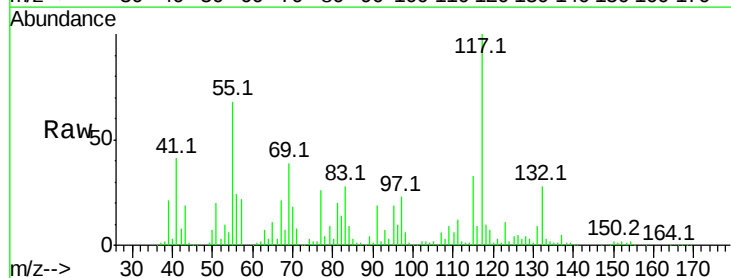
Instrument :
 BNA_F
 ClientSampleId :

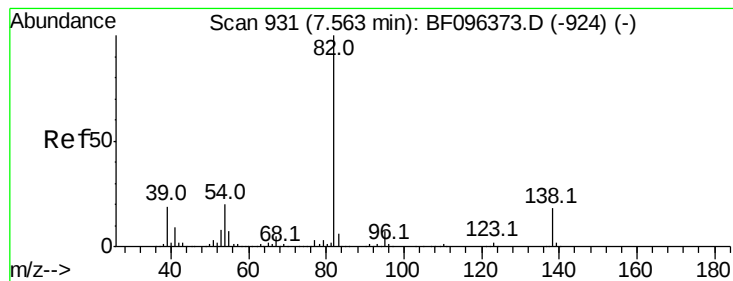
Tot Ion: 82 Resp: 316537
 Ion Ratio Lower Upper
 82 100
 128 32.0 34.0 51.0#
 54 61.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 123.263 ng
 RT: 7.29 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion: 77 Resp: 313199
 Ion Ratio Lower Upper
 77 100
 123 42.5 35.8 53.8
 65 43.9 10.6 15.8#





#25

Isophorone

Concen: 84.071 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

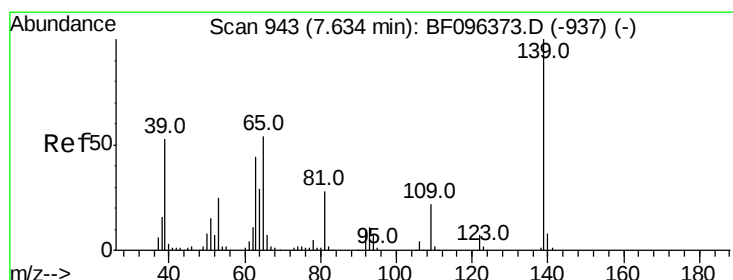
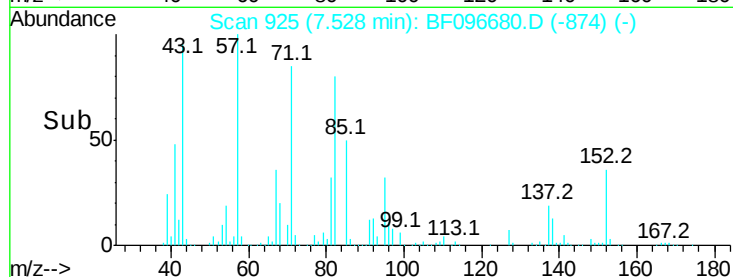
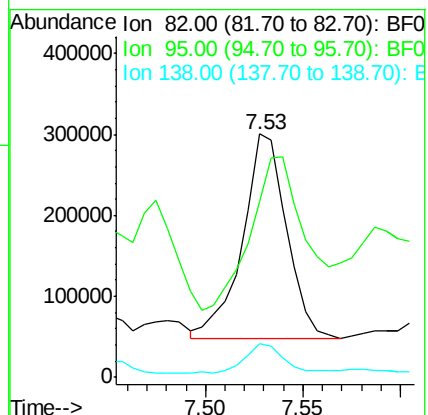
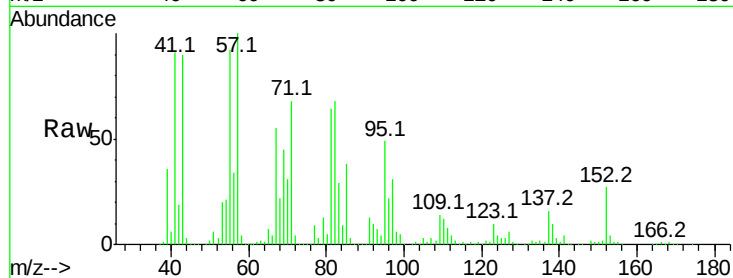
Tot Ion: 82 Resp: 394805

Ion Ratio Lower Upper

82 100

95 72.0 5.3 7.9#

138 14.0 13.1 19.7



#26

2-Nitrophenol

Concen: 34.776 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

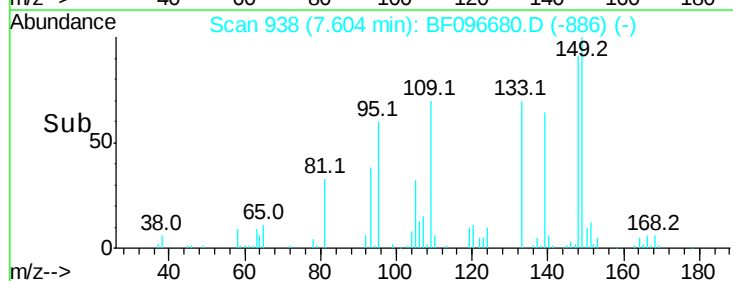
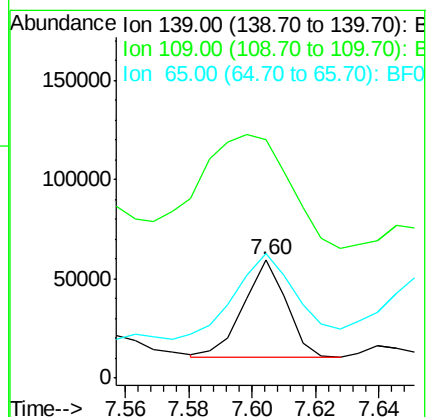
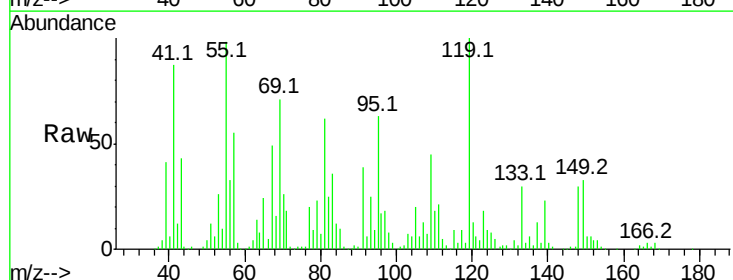
Tgt Ion: 139 Resp: 46769

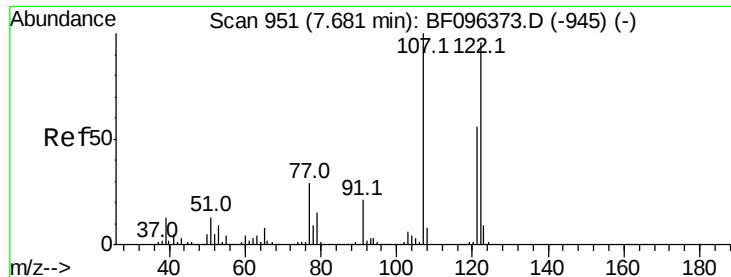
Ion Ratio Lower Upper

139 100

109 200.7 21.0 31.6#

65 105.1 33.0 49.6#

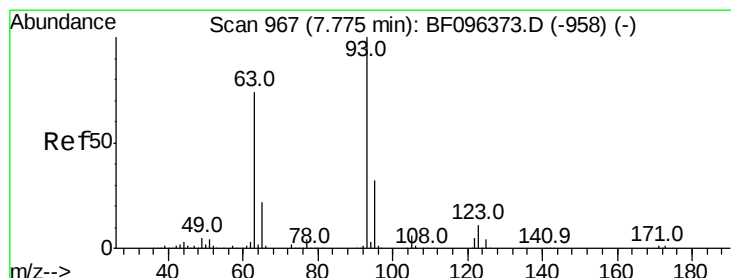
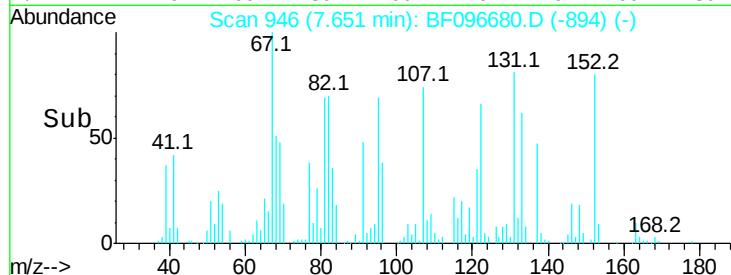
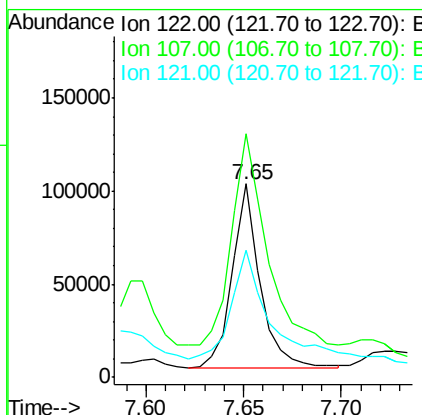
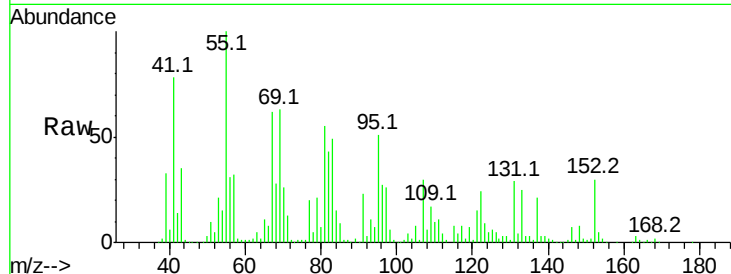




#27
2,4-Dimethylphenol
Concen: 42.471 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

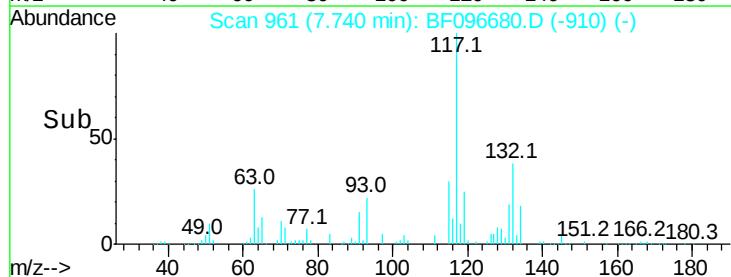
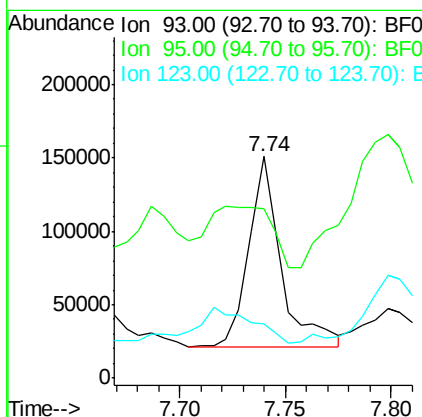
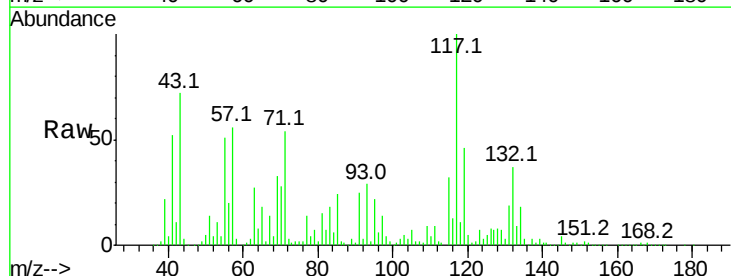
Instrument :
BNA_F
ClientSampleId :

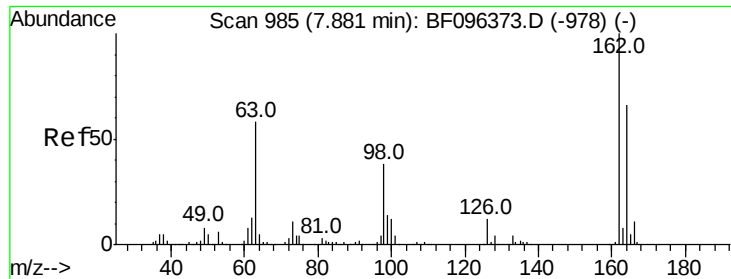
Tot Ion:122 Resp: 97257
Ion Ratio Lower Upper
122 100
107 125.9 89.2 133.8
121 65.5 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 44.707 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion: 93 Resp: 138592
Ion Ratio Lower Upper
93 100
95 76.4 26.5 39.7#
123 24.2 9.0 13.4#





#29

2,4-Dichlorophenol

Concen: 64.636 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

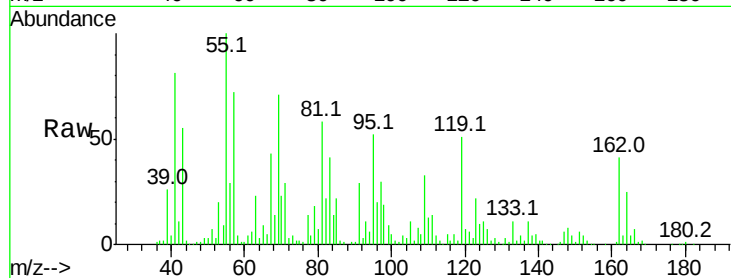
Tot Ion:162 Resp: 127703

Ion Ratio Lower Upper

162 100

164 60.4 44.6 84.6

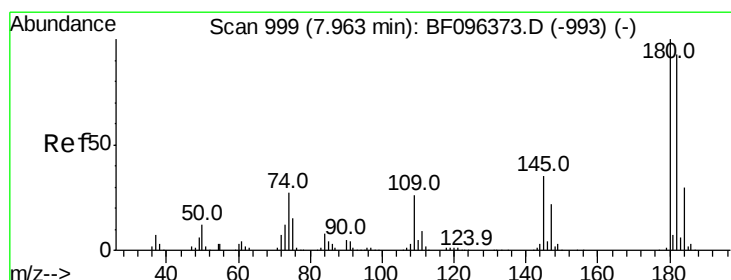
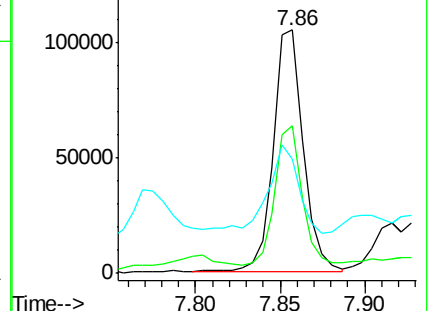
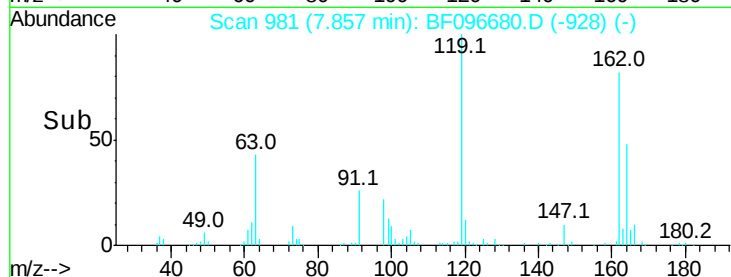
98 46.9 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 54.478 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

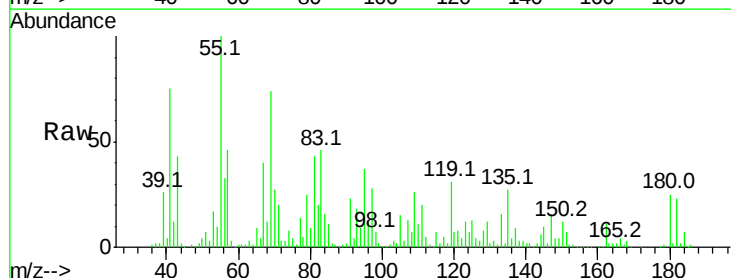
Tgt Ion:180 Resp: 101531

Ion Ratio Lower Upper

180 100

182 91.6 75.8 113.6

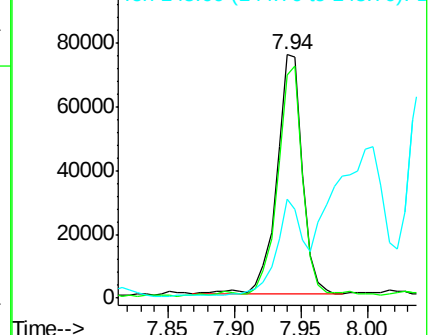
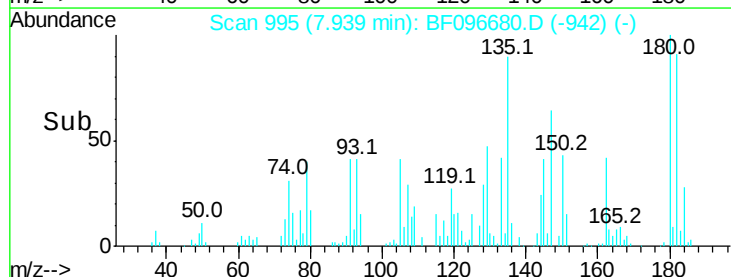
145 40.6 25.3 37.9#

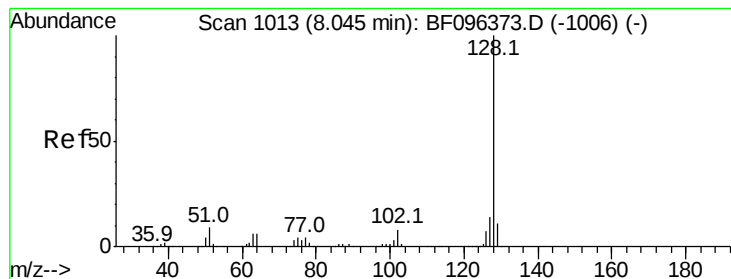


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 71.106 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

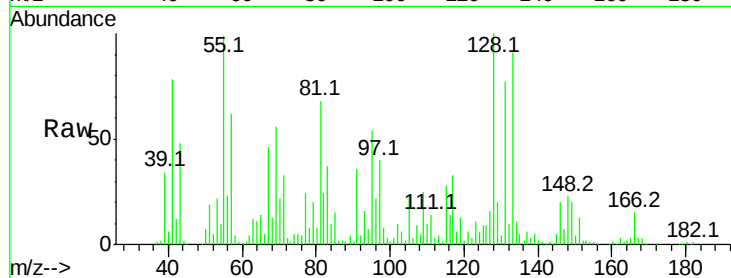
Tot Ion:128 Resp: 488567

Ion Ratio Lower Upper

128 100

129 20.1 9.0 13.6#

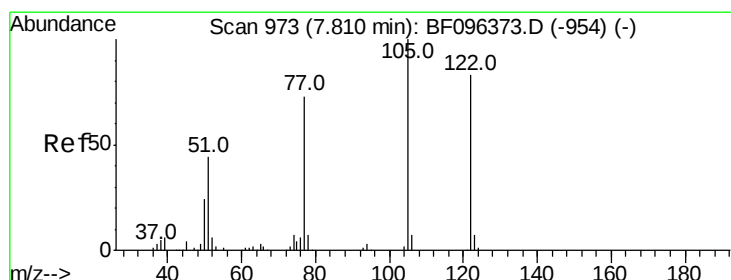
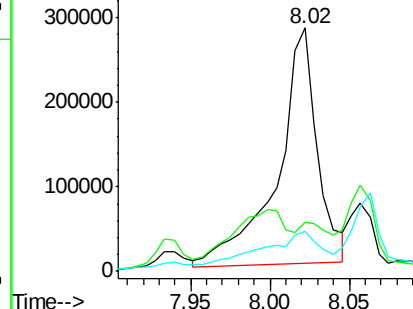
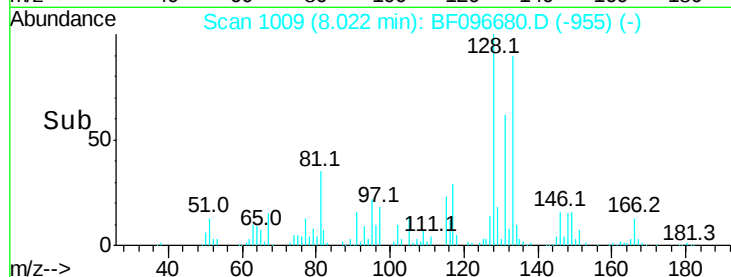
127 16.5 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.948 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

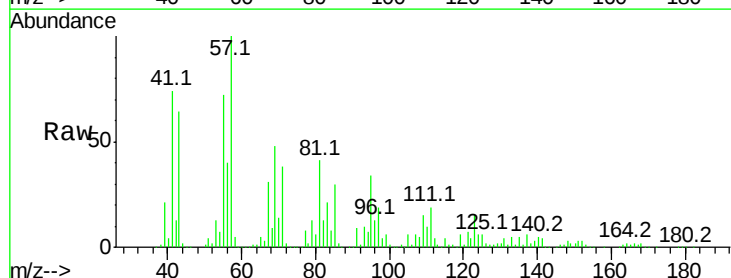
Tgt Ion:122 Resp: 34518

Ion Ratio Lower Upper

122 100

105 125.8 103.3 143.3

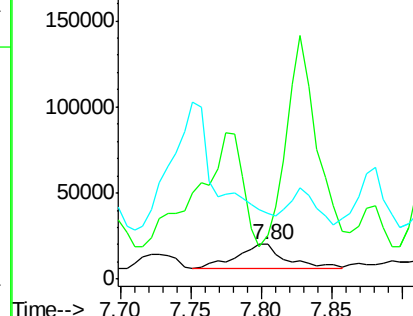
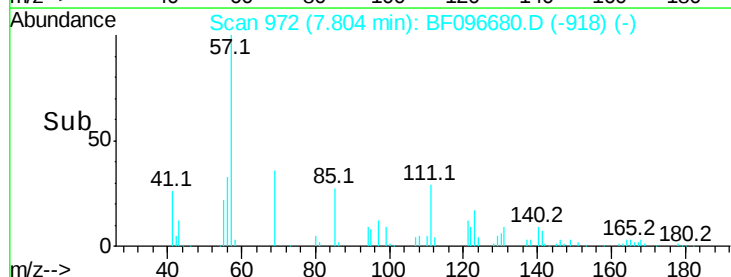
77 189.3 73.7 113.7#

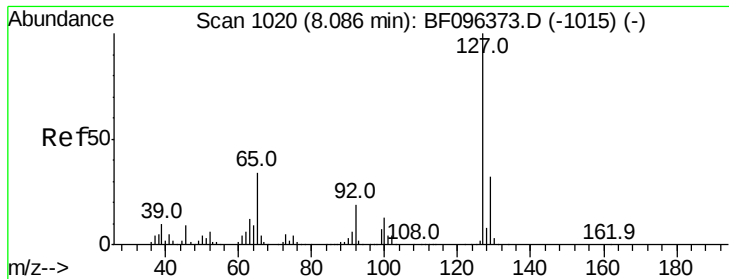


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

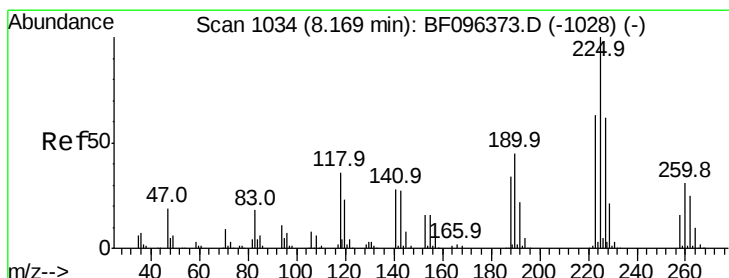
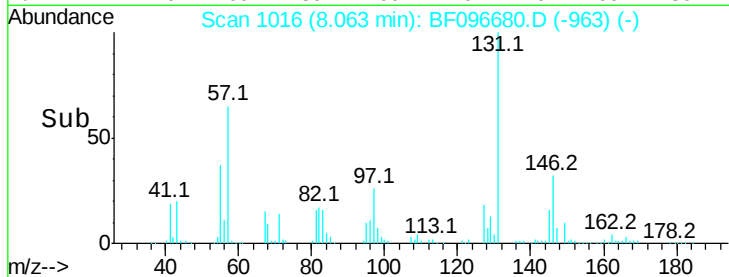
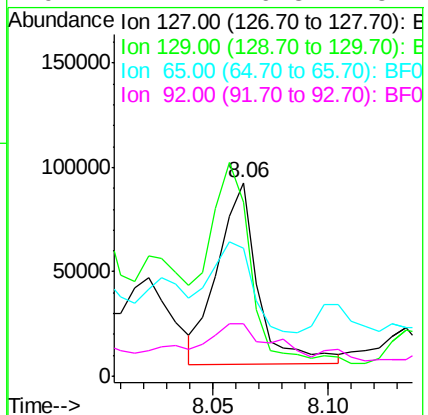
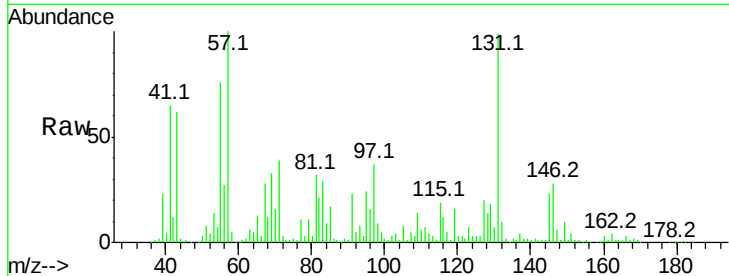




#33
4-Chloroaniline
Concen: 37.234 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

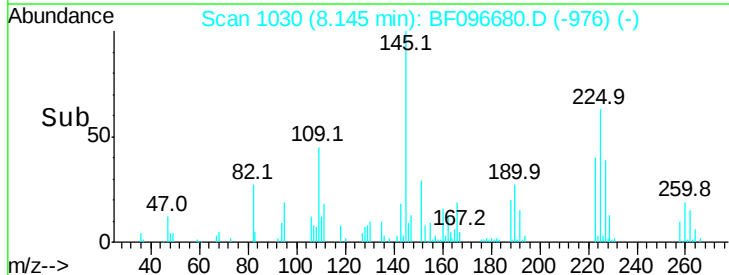
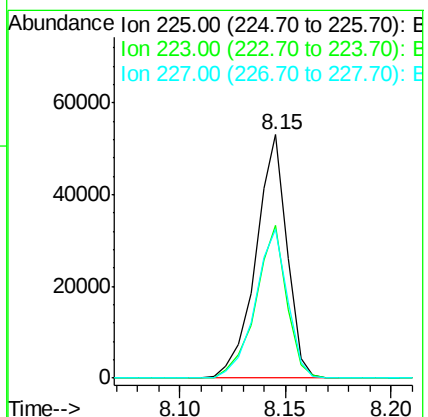
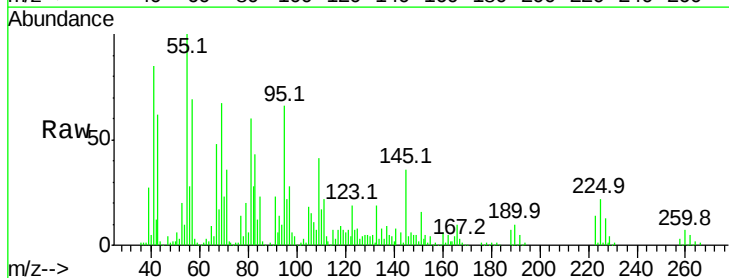
Instrument :
BNA_F
ClientSampled :

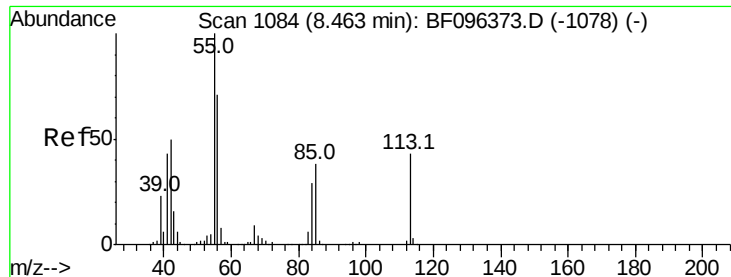
Tot Ion	Ratio	Lower	Upper
127	100		
129	90.1	26.2	39.2#
65	66.2	27.8	41.8#
92	27.2	16.8	25.2#



#34
Hexachlorobutadiene
Concen: 57.122 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	61.0	51.1	76.7





#35

Caprolactam

Concen: 211.537 ng

RT: 8.45 min Scan# 1082

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

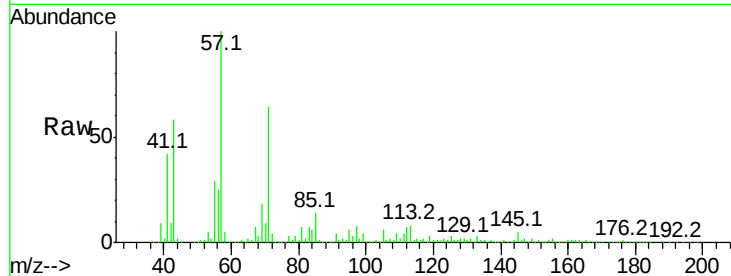
Tot Ion:113 Resp: 144120

Ion Ratio Lower Upper

113 100

55 355.8 150.2 190.2#

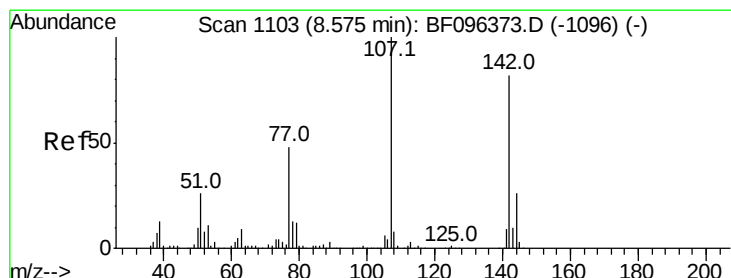
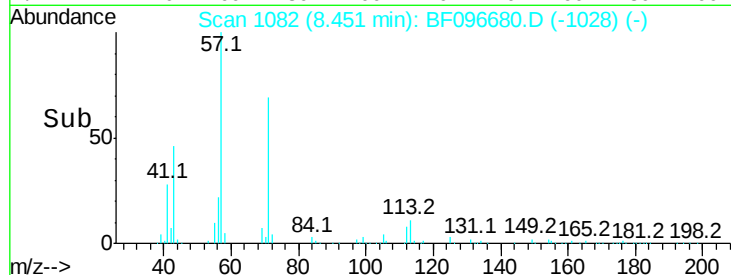
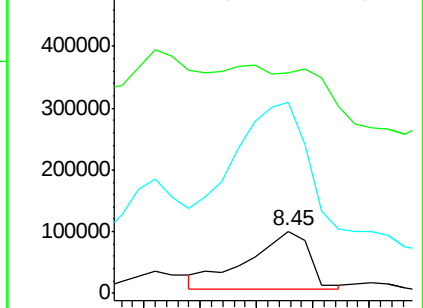
56 308.1 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.125 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

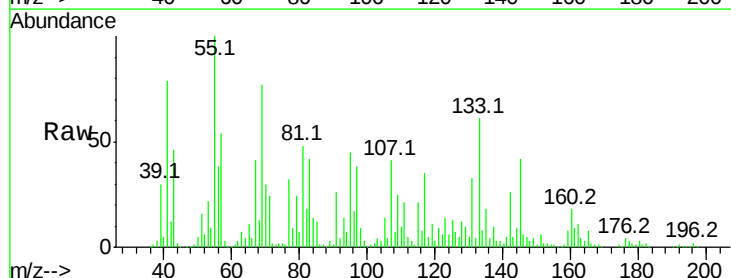
Tgt Ion:107 Resp: 118326

Ion Ratio Lower Upper

107 100

144 21.6 24.2 36.4#

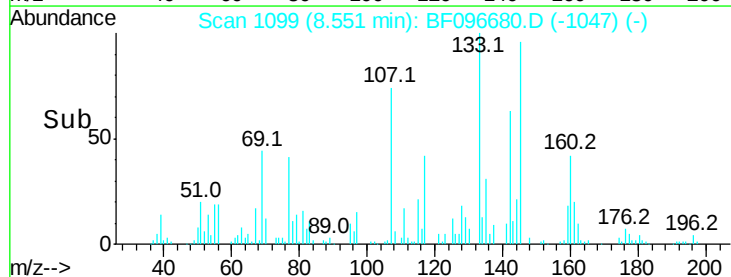
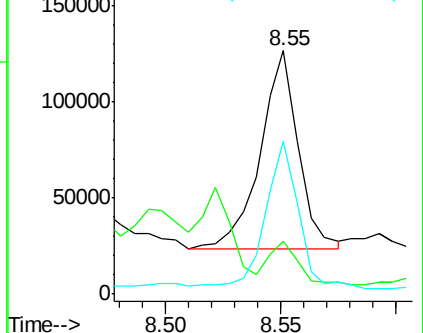
142 62.9 73.4 110.0#

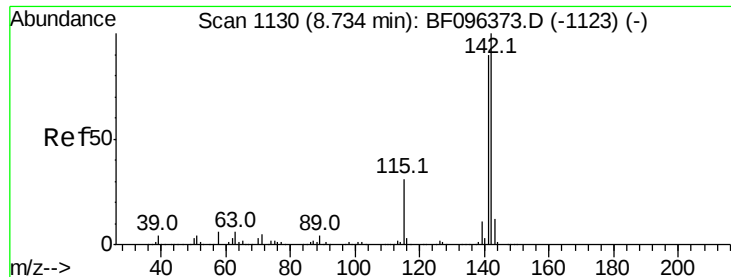


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

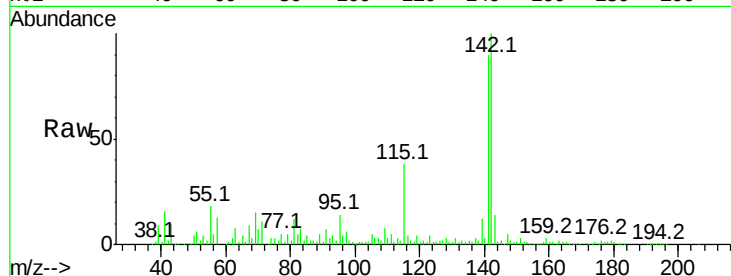




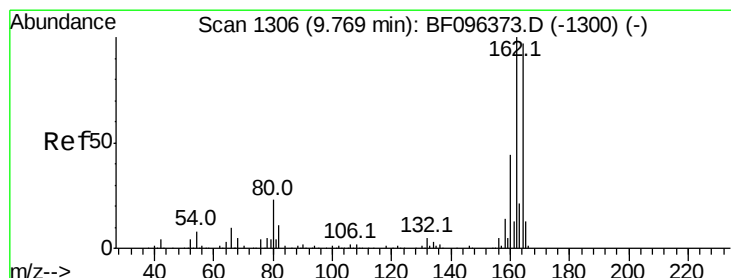
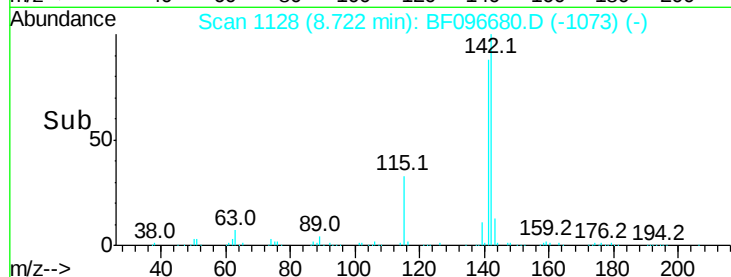
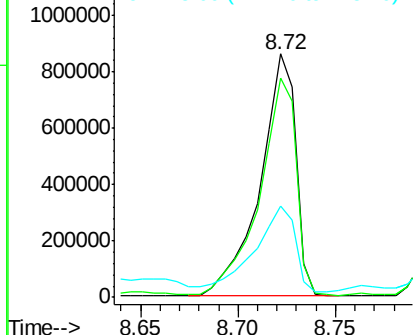
#37
2-Methylnaphthalene
Concen: 250.350 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleID :

Tot Ion:142 Resp: 1094961
Ion Ratio Lower Upper
142 100
141 90.1 71.3 106.9
115 37.7 27.1 40.7

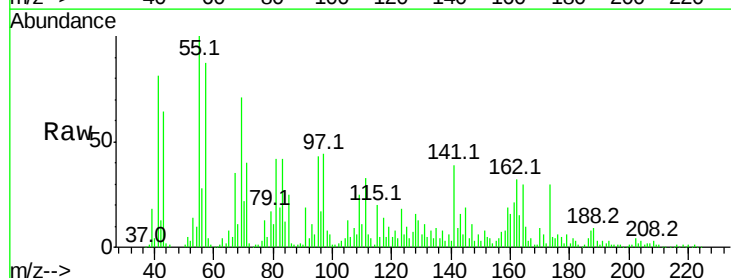


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

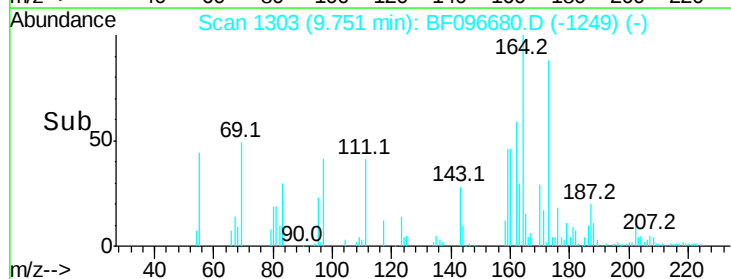
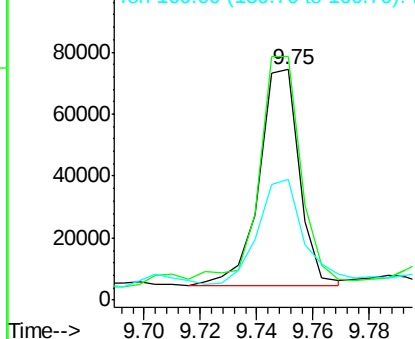


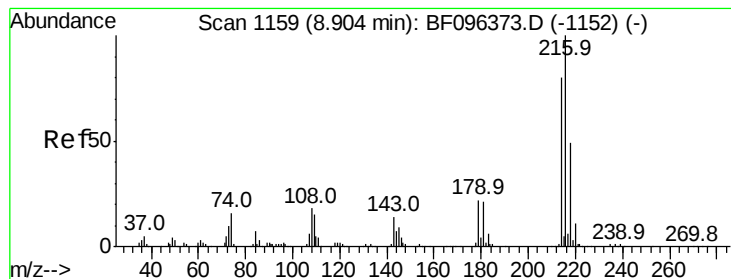
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:164 Resp: 69017
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 52.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.049 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 73561

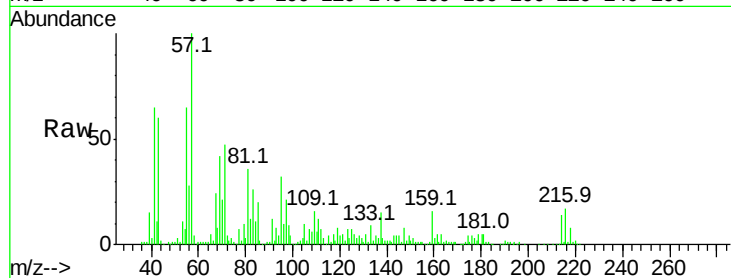
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.2

179 37.5 17.9 26.9#

108 36.7 16.5 24.7#



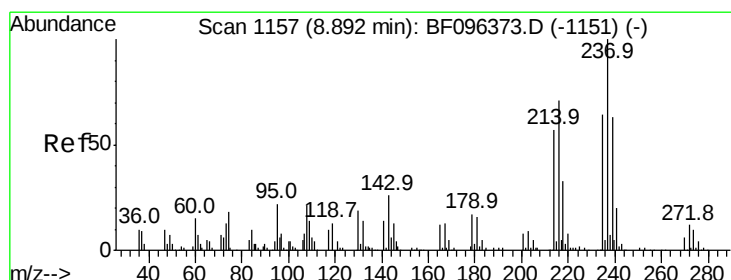
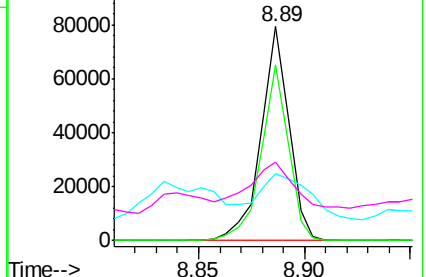
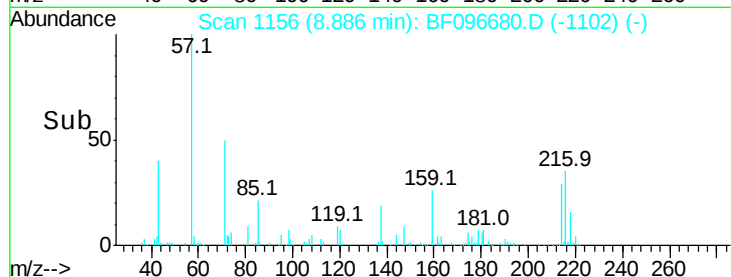
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

Time-->



#40

Hexachlorocyclopentadiene

Concen: 22.590 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

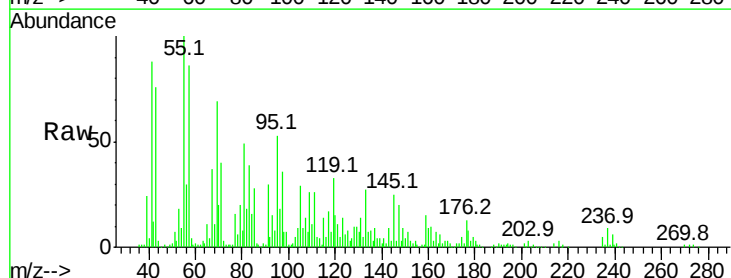
Tgt Ion:237 Resp: 19684

Ion Ratio Lower Upper

237 100

235 58.6 42.6 82.6

272 11.7 0.0 31.9

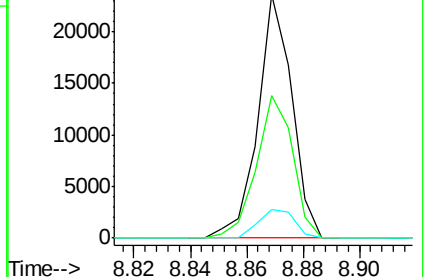
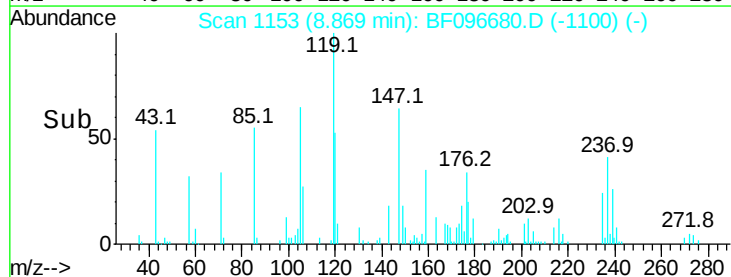


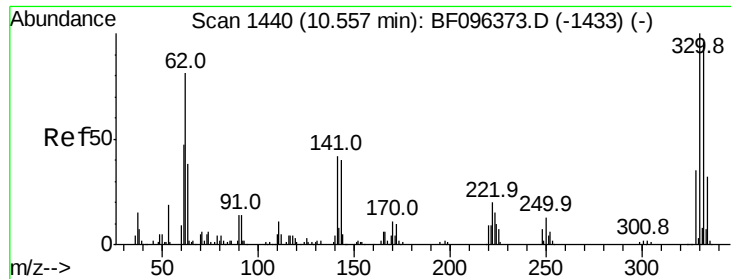
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->

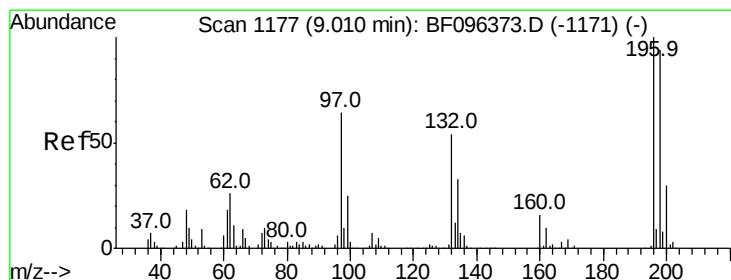
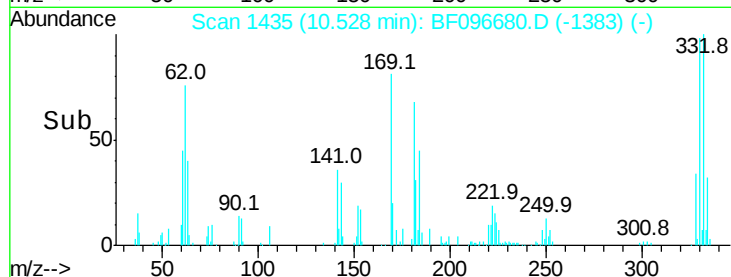
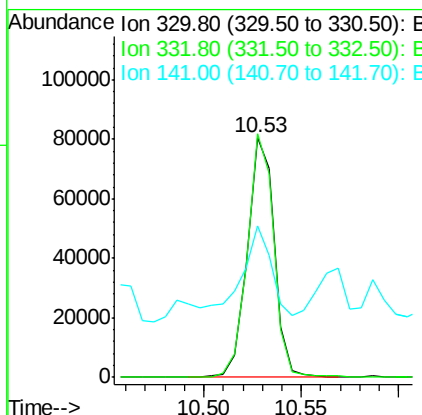
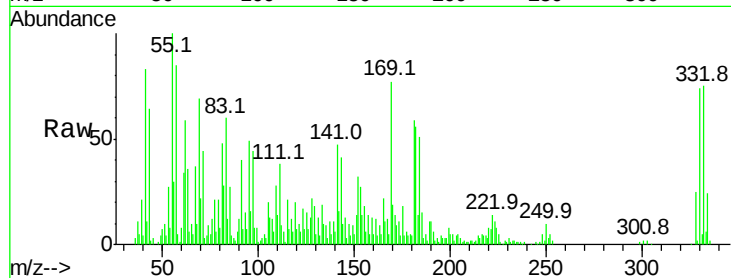




#41
 2,4,6-Tribromophenol
 Concen: 142.191 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

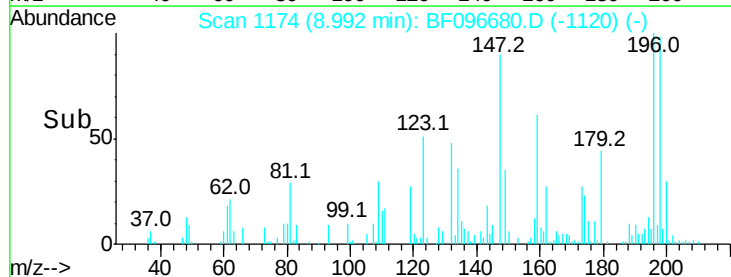
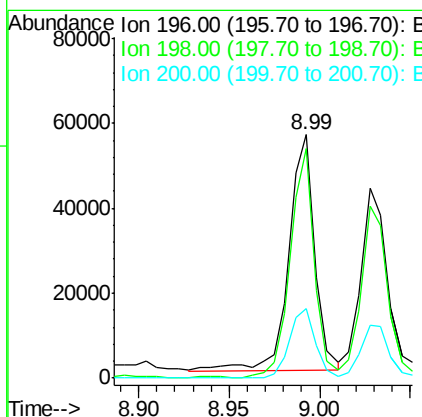
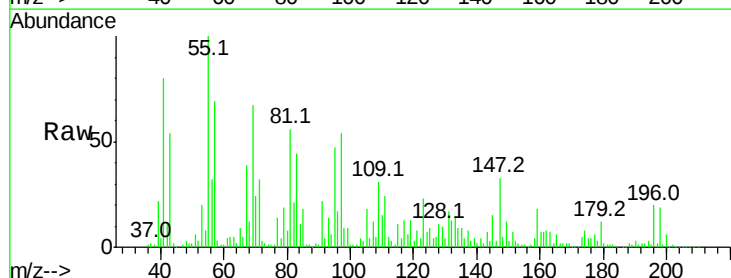
Instrument :
 BNA_F
 ClientSampled :

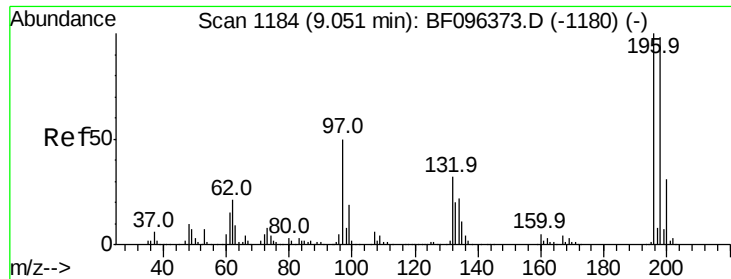
Tot Ion:330 Resp: 76656
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 115.0
 141 39.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.477 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:196 Resp: 55964
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.4
 200 28.7 24.0 36.0

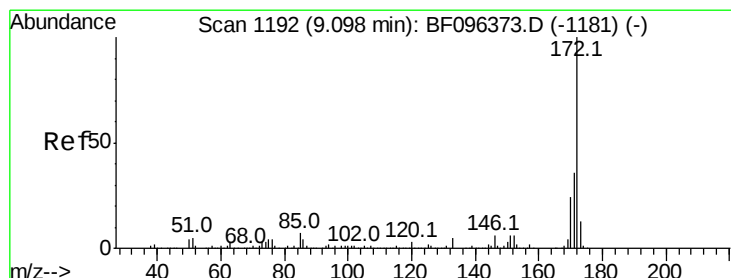
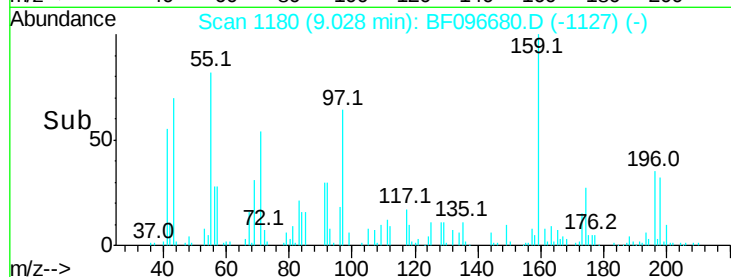
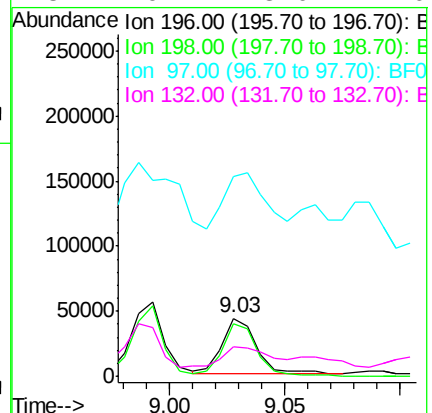
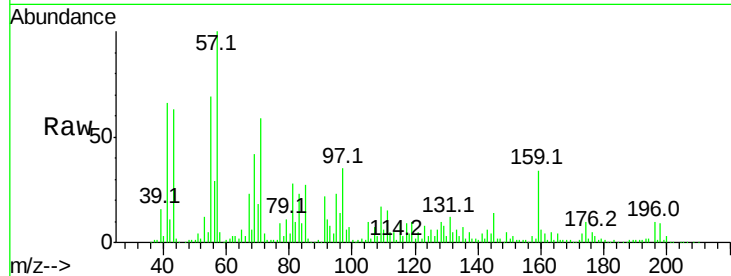




#43
 2,4,5-Trichlorophenol
 Concen: 30.941 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

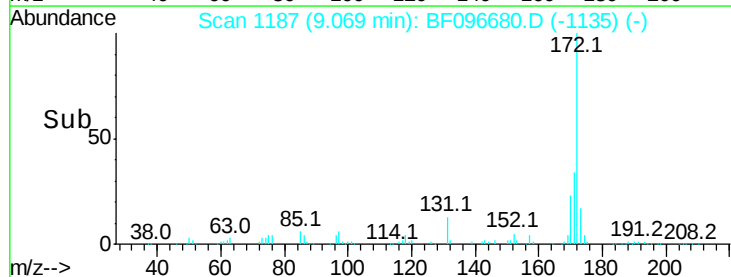
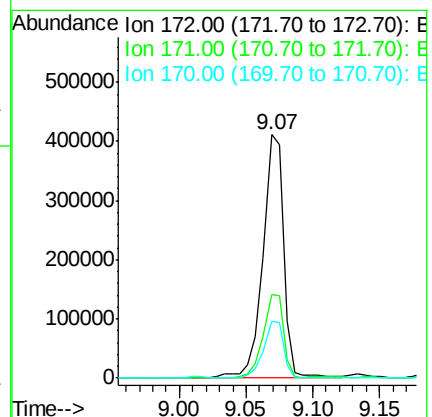
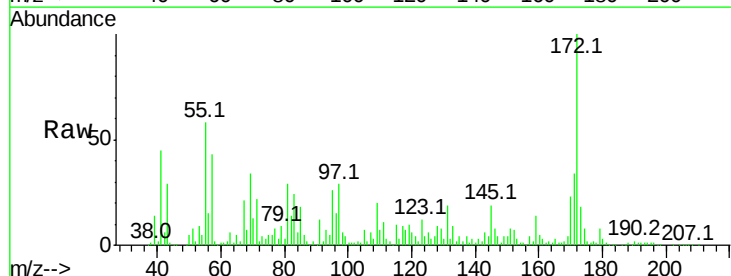
Instrument :
 BNA_F
 ClientSampleId :

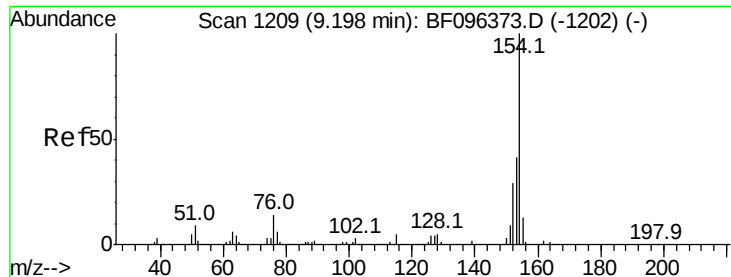
Tot Ion:196 Resp: 43369
 Ion Ratio Lower Upper
 196 100
 198 90.8 75.7 113.5
 97 344.4 47.7 71.5#
 132 49.7 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 109.036 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:172 Resp: 440135
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.6 44.4
 170 23.2 19.8 29.8





#45

1,1'-Biphenyl

Concen: 36.107 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

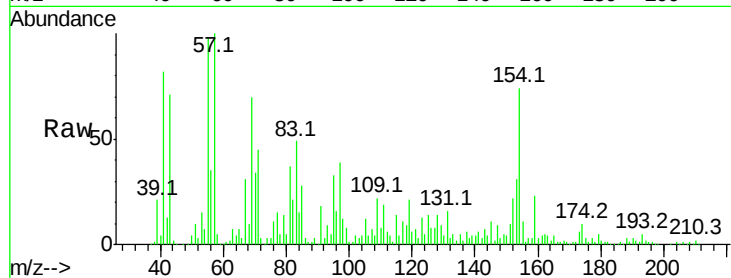
Tot Ion:154 Resp: 213521

Ion Ratio Lower Upper

154 100

153 42.7 21.2 61.2

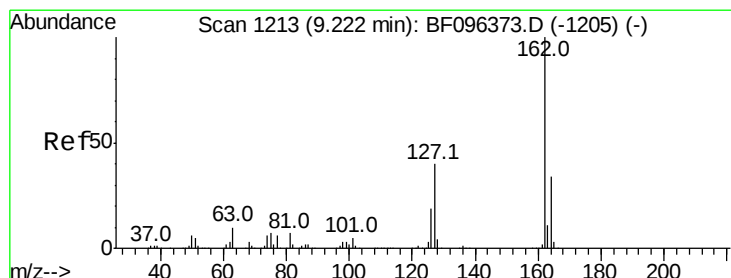
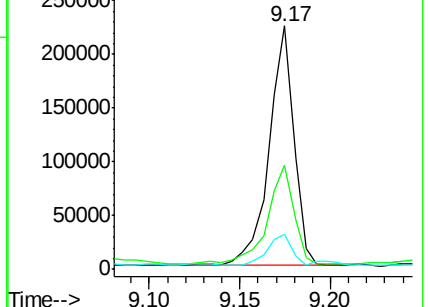
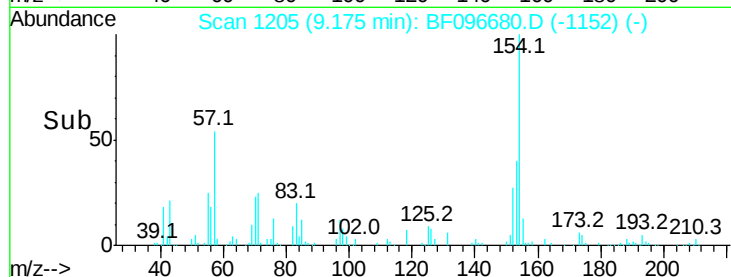
76 14.5 0.0 29.9



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: 38.055 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

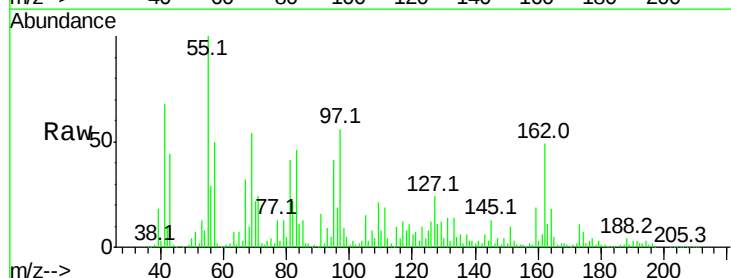
Tgt Ion:162 Resp: 167709

Ion Ratio Lower Upper

162 100

127 48.6 28.3 42.5#

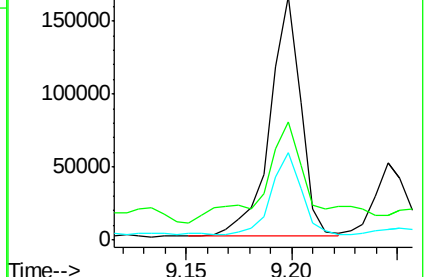
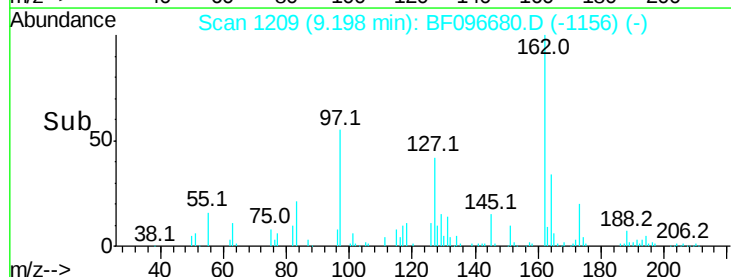
164 35.8 27.0 40.4

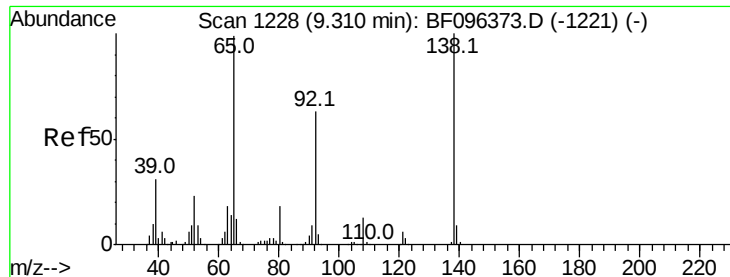


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

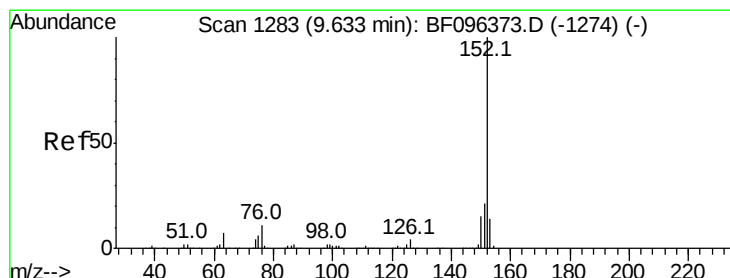
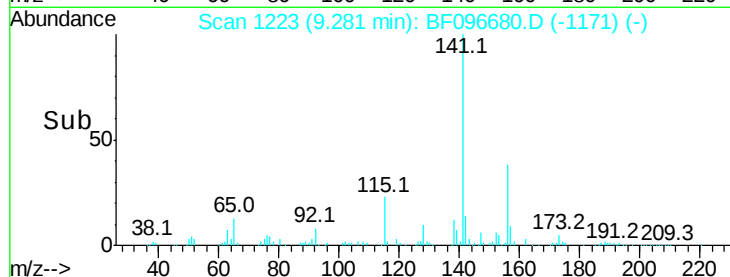
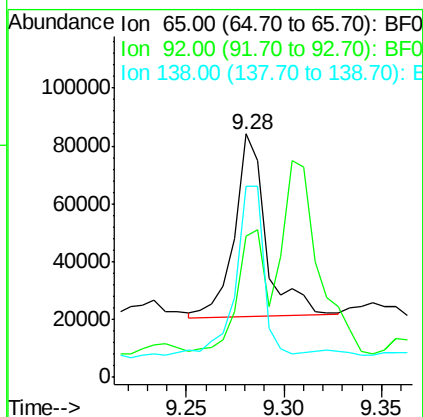
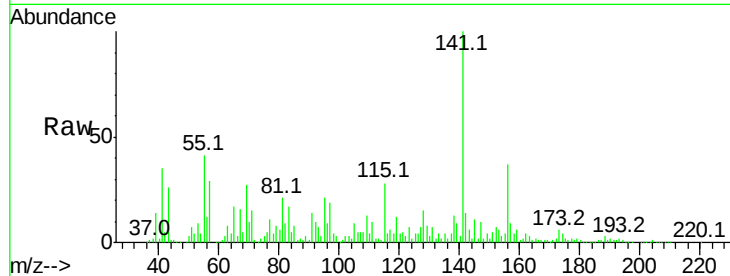




#47
2-Nitroaniline
Concen: 44.455 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

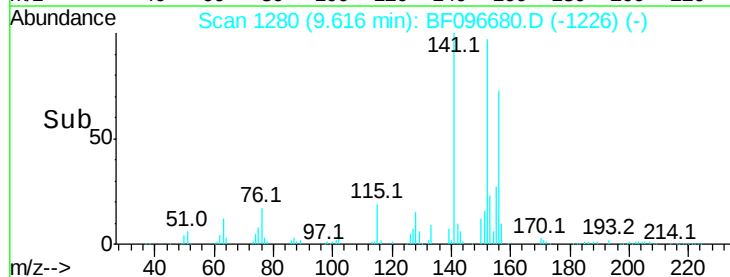
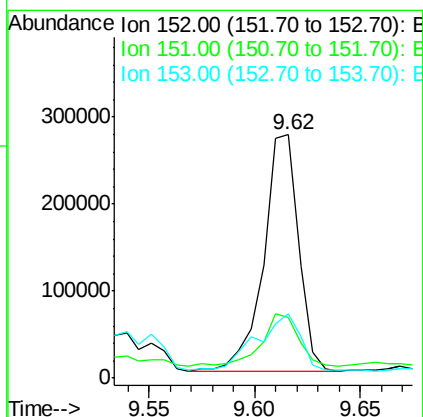
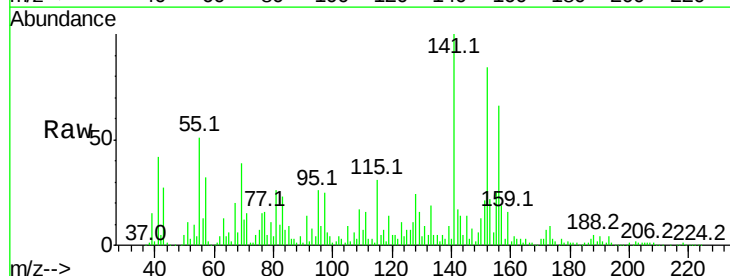
Instrument :
BNA_F
ClientSampleId :

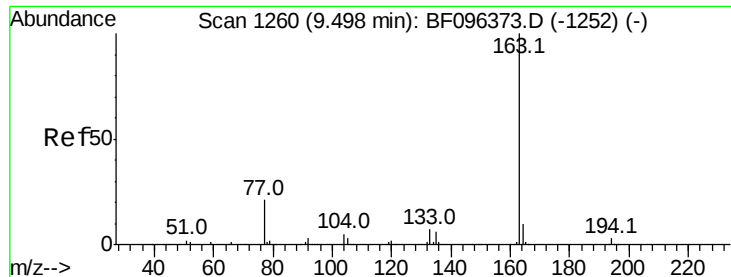
Tot Ion: 65 Resp: 71286
Ion Ratio Lower Upper
65 100
92 57.8 53.9 80.9
138 78.3 78.8 118.2#



#48
Acenaphthylene
Concen: 45.215 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion: 152 Resp: 315738
Ion Ratio Lower Upper
152 100
151 25.1 16.8 25.2
153 26.7 10.8 16.2#

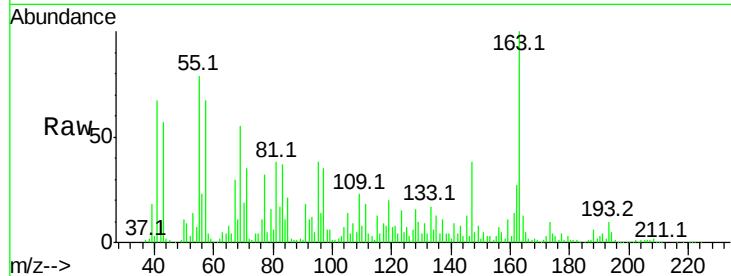




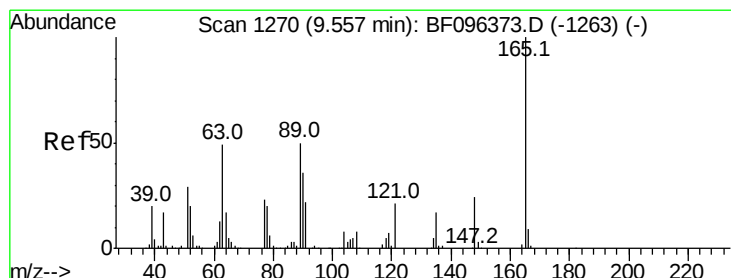
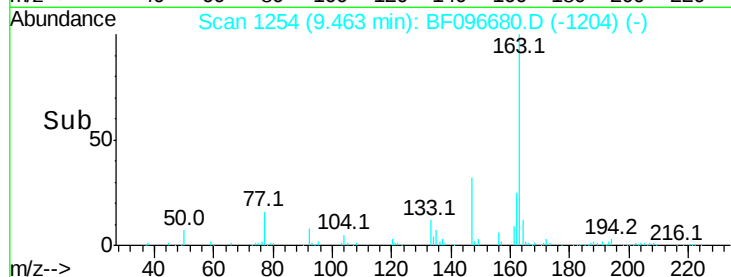
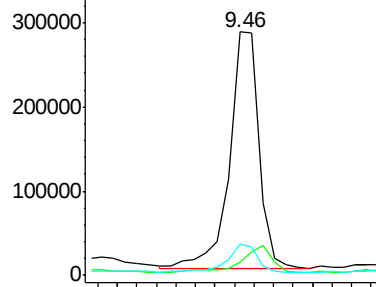
#49
Dimethylphthalate
Concen: 56.733 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 292296
Ion Ratio Lower Upper
163 100
194 5.3 2.6 4.0#
164 12.9 8.4 12.6#

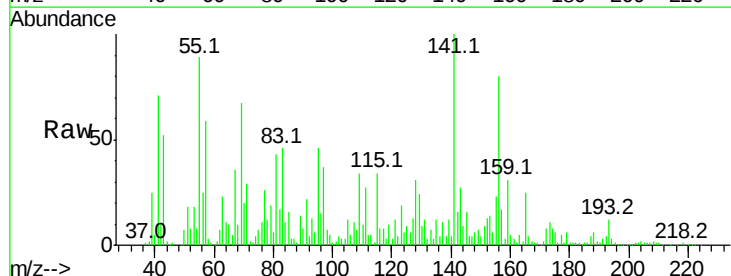


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

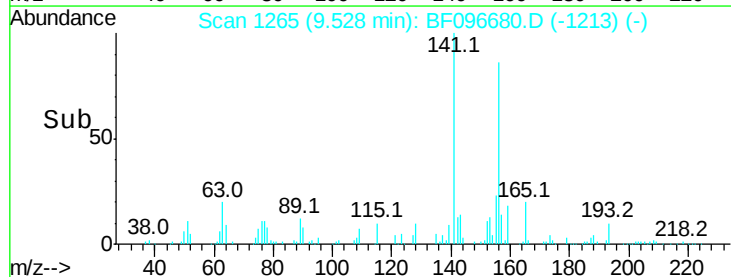
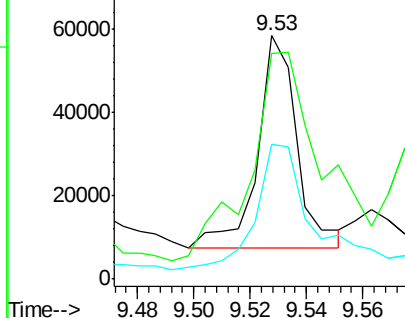


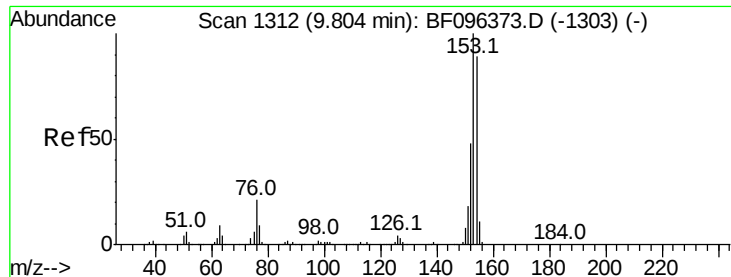
#50
2,6-Dinitrotoluene
Concen: 43.738 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:165 Resp: 49832
Ion Ratio Lower Upper
165 100
63 93.0 34.3 51.5#
89 55.6 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: 48.076 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

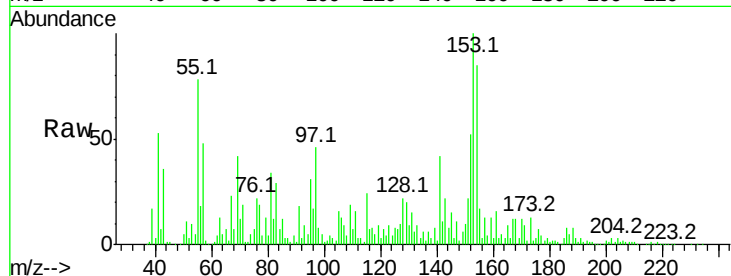
Tot Ion:154 Resp: 206939

Ion Ratio Lower Upper

154 100

153 117.5 90.5 135.7

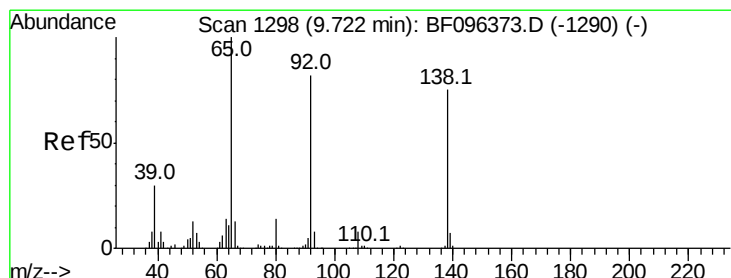
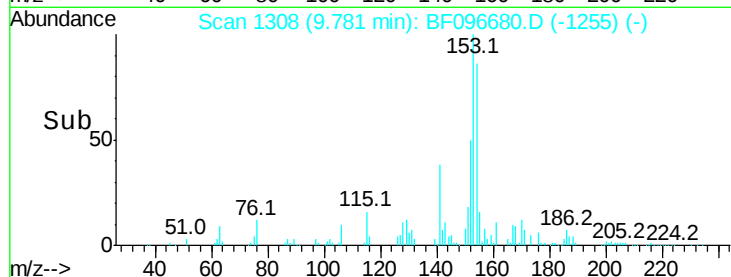
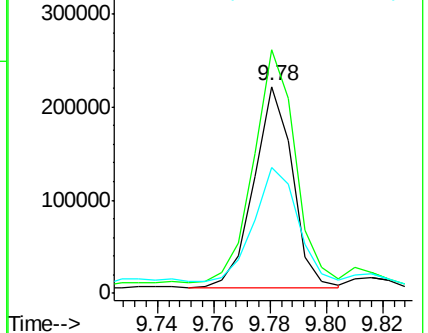
152 60.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.933 ng

RT: 9.69 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

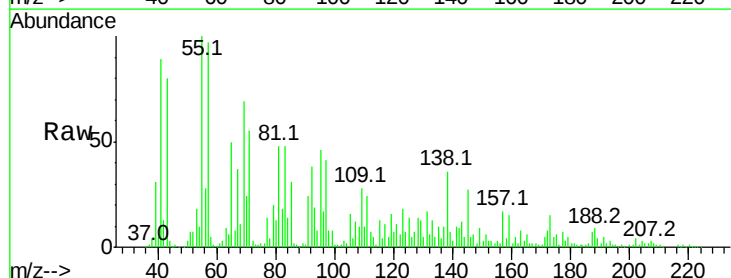
Tgt Ion:138 Resp: 58167

Ion Ratio Lower Upper

138 100

108 26.8 9.1 13.7#

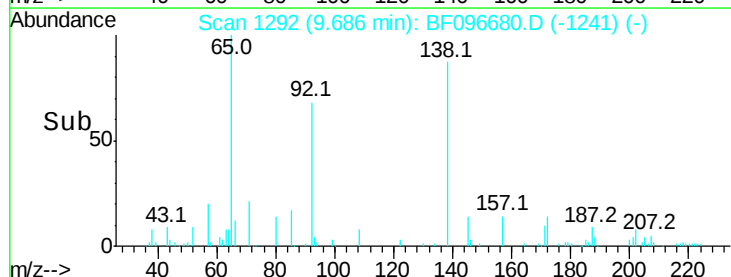
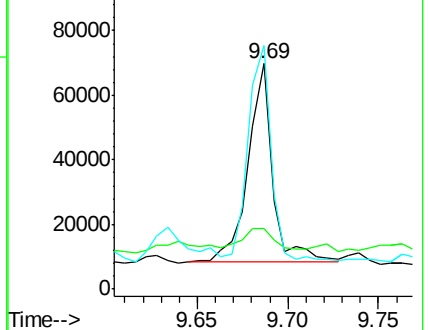
92 107.9 93.8 140.6

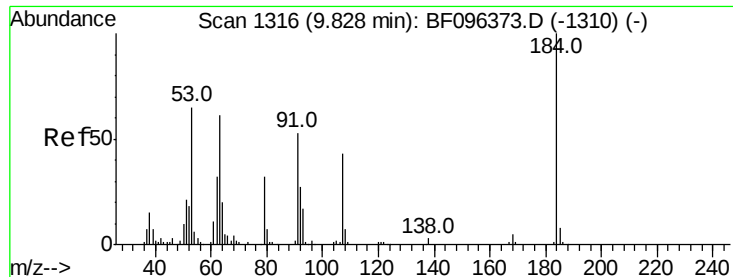


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

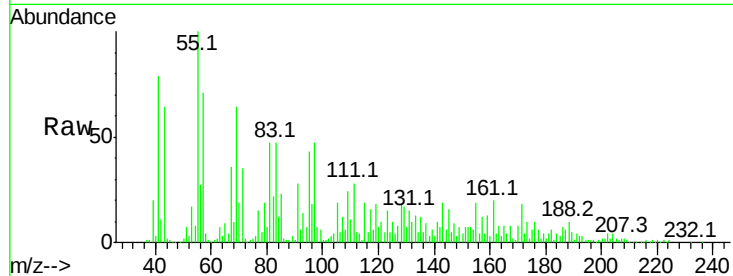




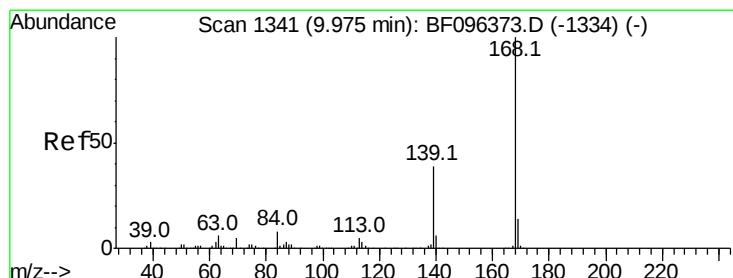
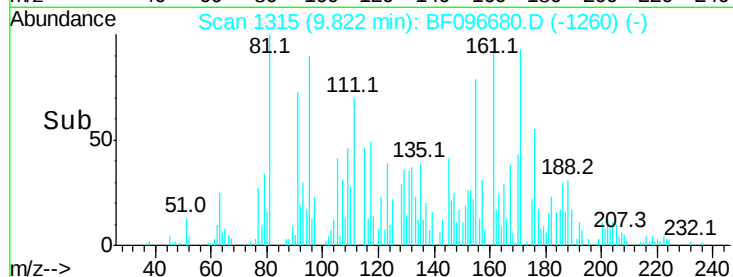
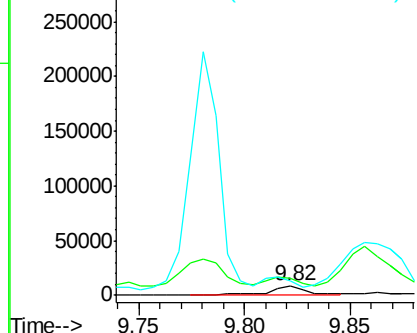
#53
2,4-Dinitrophenol
Concen: 14.101 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 8533
Ion Ratio Lower Upper
184 100
63 177.1 62.7 94.1#
154 154.8 81.1 121.7#

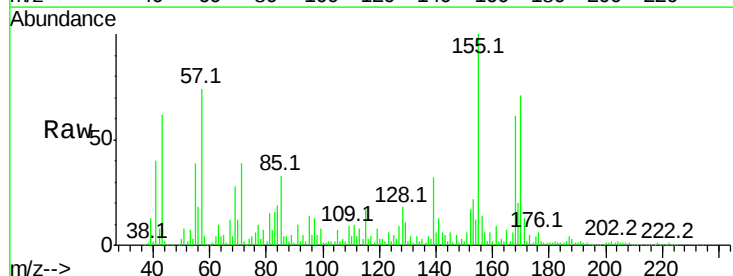


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

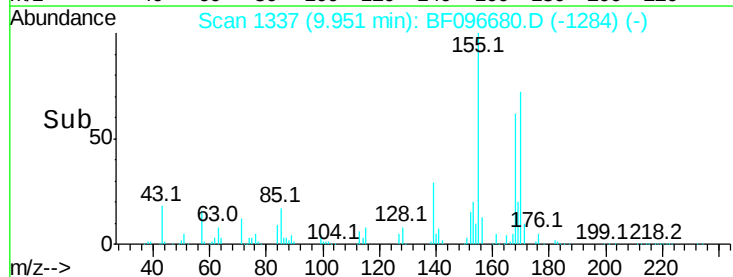
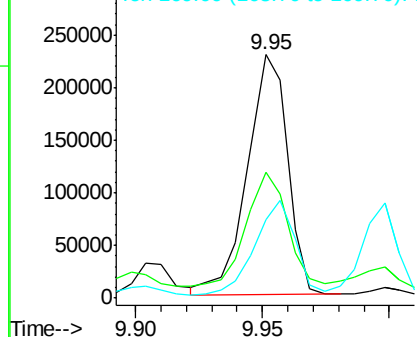


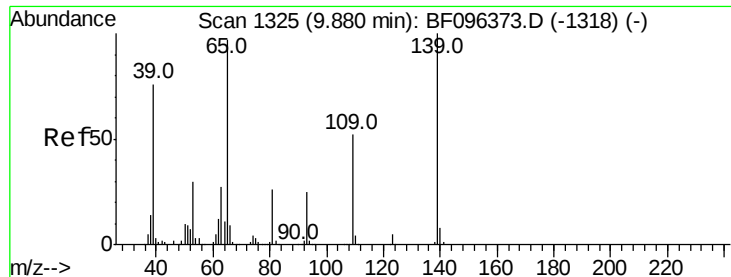
#54
Dibenzofuran
Concen: 44.373 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:168 Resp: 252169
Ion Ratio Lower Upper
168 100
139 51.5 30.6 45.8#
169 32.1 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

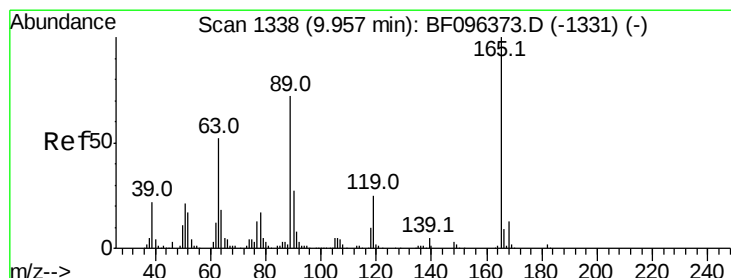
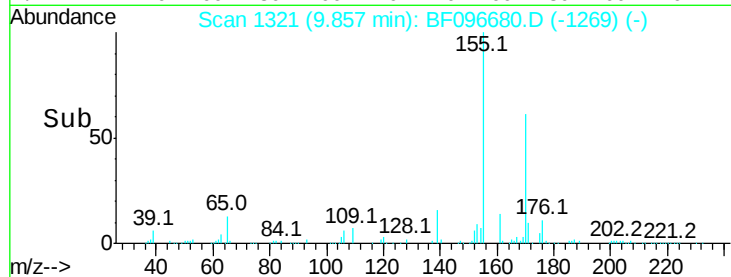
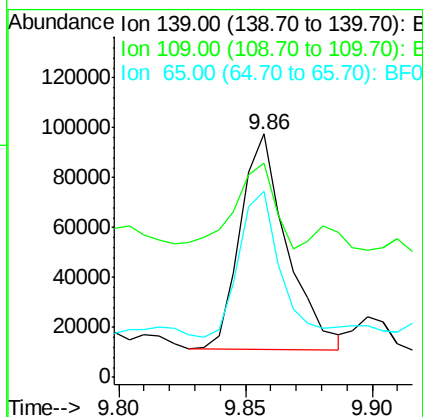
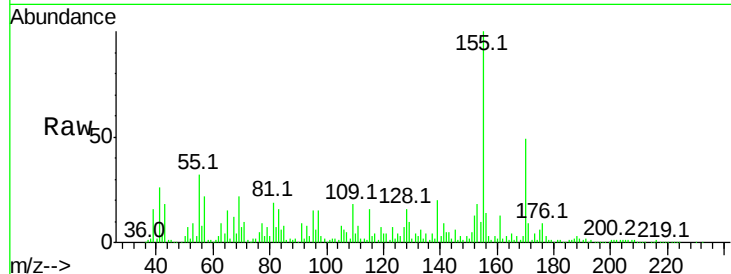




#55
4-Nitrophenol
Concen: 93.984 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

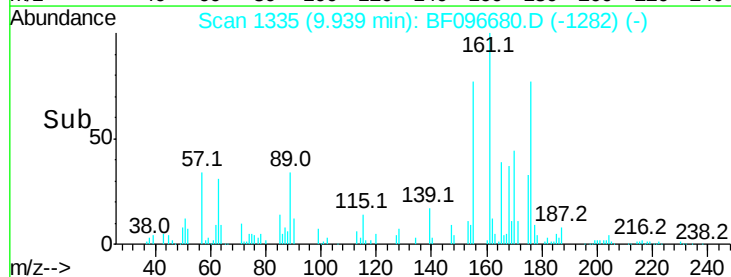
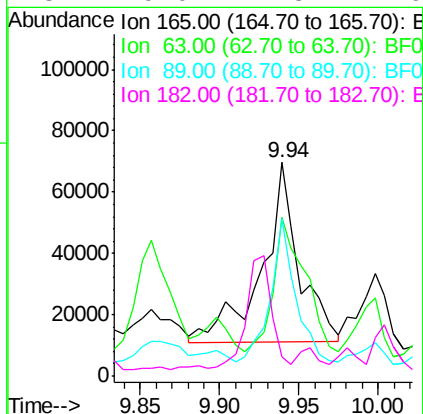
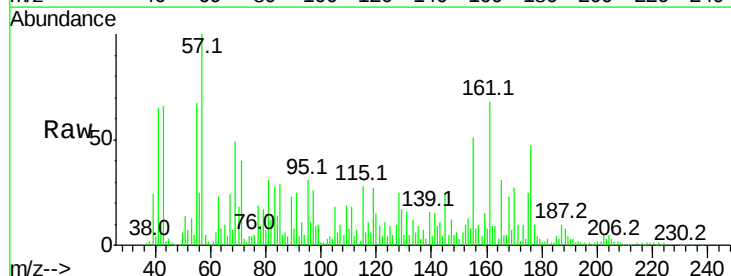
Instrument :
BNA_F
ClientSampled :

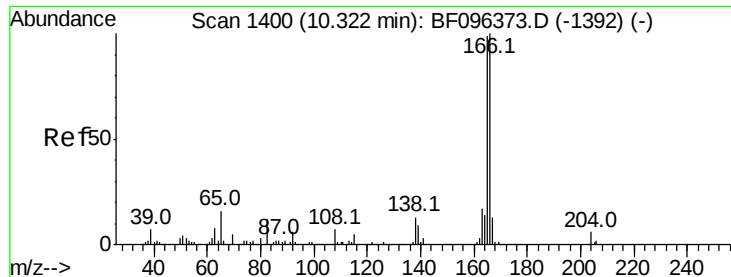
Tot Ion:139 Resp: 110697
Ion Ratio Lower Upper
139 100
109 88.0 34.1 74.1#
65 76.5 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 65.432 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:165 Resp: 94406
Ion Ratio Lower Upper
165 100
63 74.1 25.4 38.0#
89 73.7 46.4 69.6#
182 9.0 1.8 2.6#

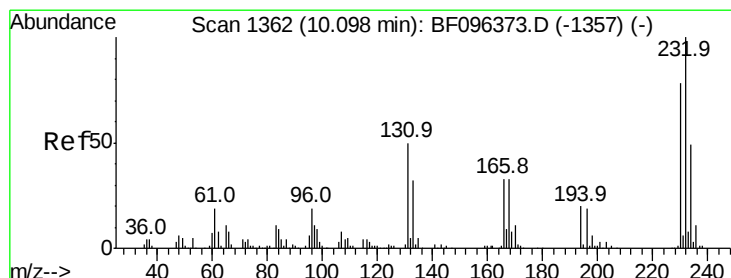
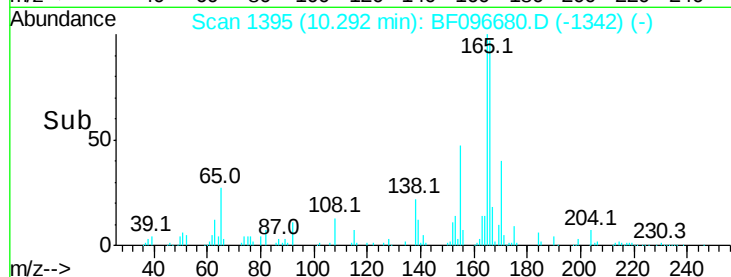
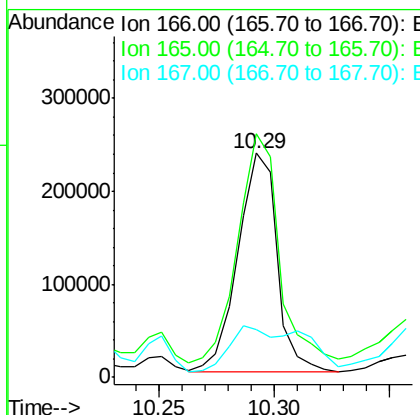
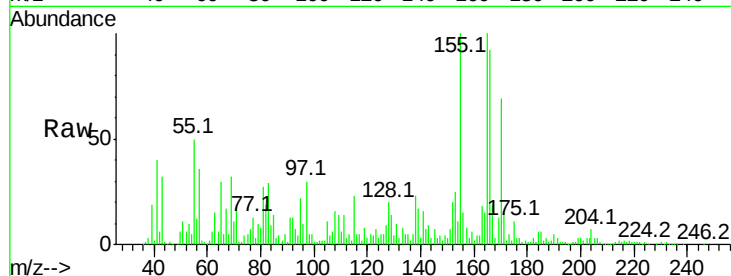




#57
 Fluorene
 Concen: 69.450 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

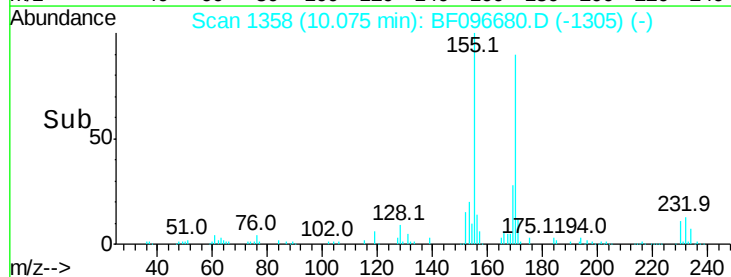
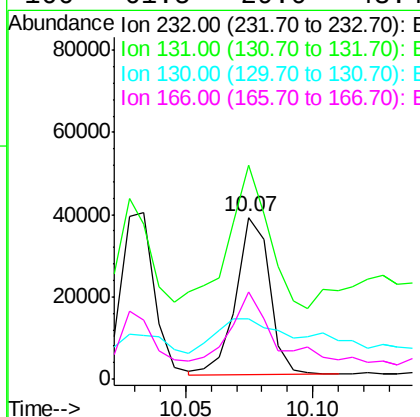
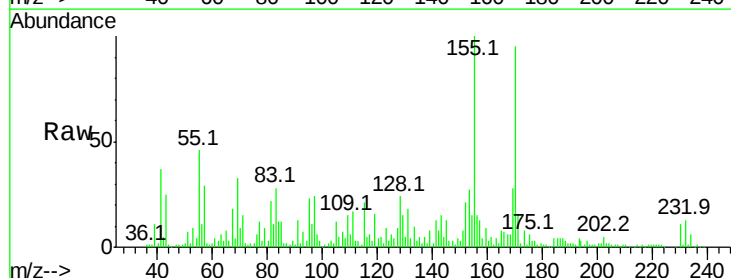
Instrument :
 BNA_F
 ClientSampleId :

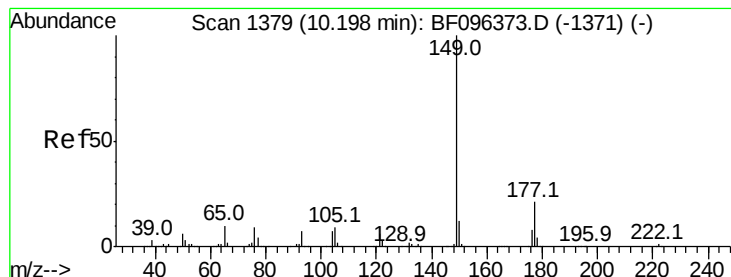
Tot Ion:166 Resp: 278746
 Ion Ratio Lower Upper
 166 100
 165 108.7 78.8 118.2
 167 21.1 10.6 16.0#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.946 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:232 Resp: 35829
 Ion Ratio Lower Upper
 232 100
 131 116.4 44.8 67.2#
 130 60.8 2.3 3.5#
 166 61.5 29.0 43.4#





#59

Diethylphthalate

Concen: 38.713 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

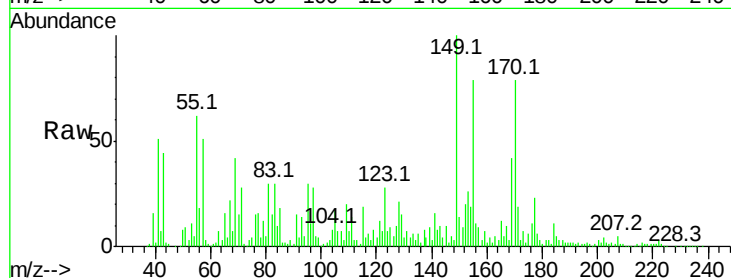
Tot Ion:149 Resp: 188526

Ion Ratio Lower Upper

149 100

177 23.2 16.7 25.1

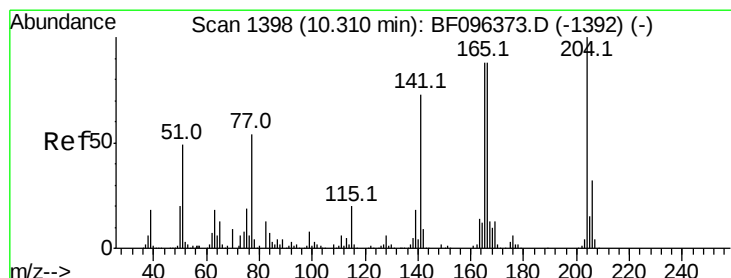
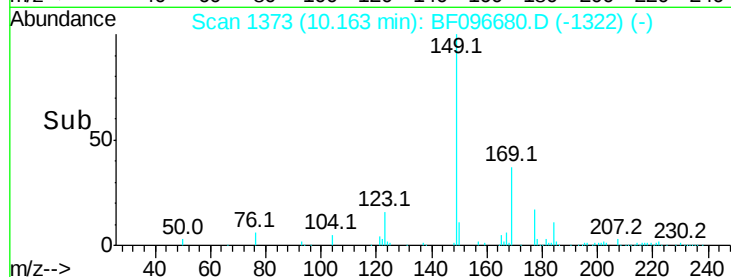
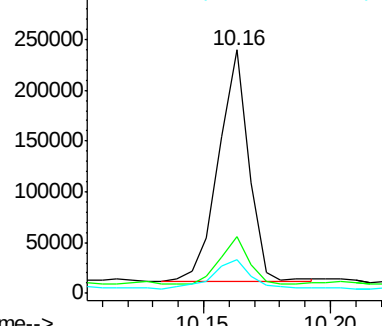
150 14.0 10.2 15.2



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: 44.611 ng

RT: 10.28 min Scan# 1393

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

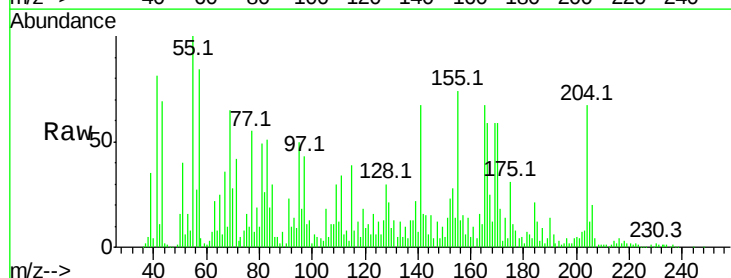
Tgt Ion:204 Resp: 77905

Ion Ratio Lower Upper

204 100

206 30.1 26.2 39.2

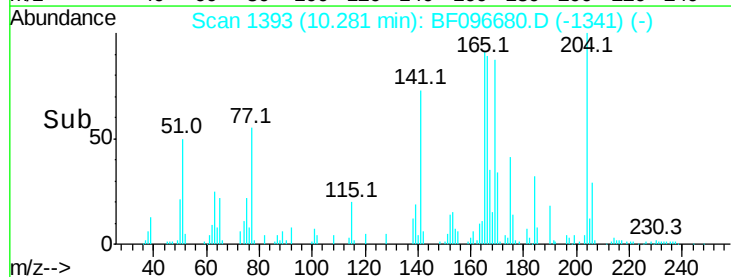
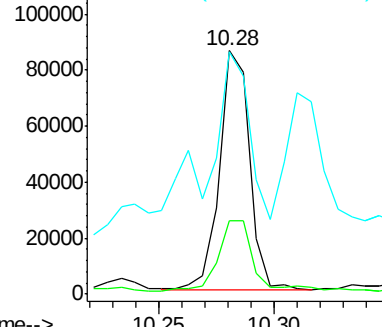
141 99.7 60.8 91.2#

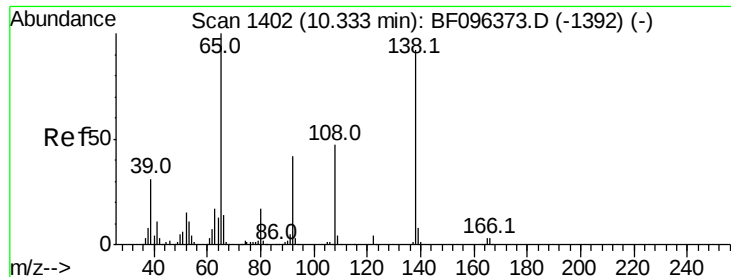


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

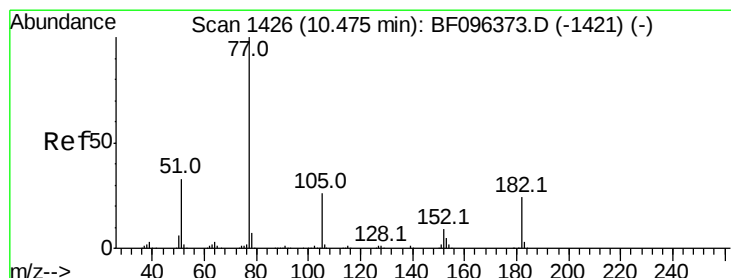
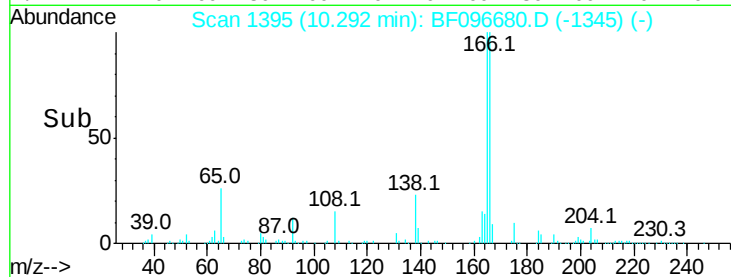
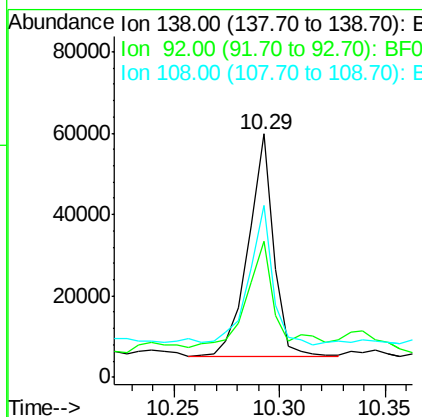
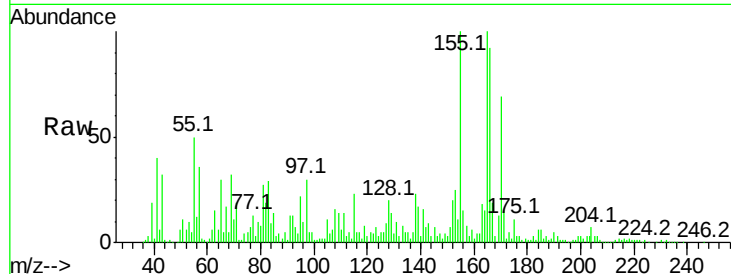




#61
4-Nitroaniline
Concen: 35.621 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

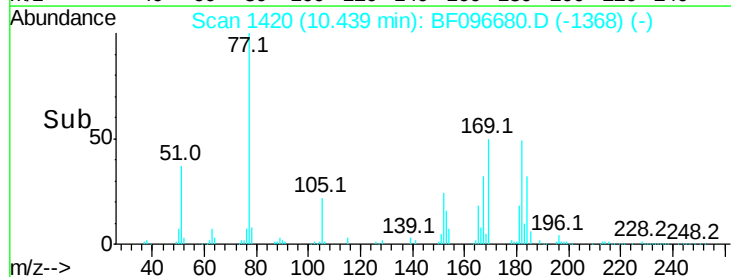
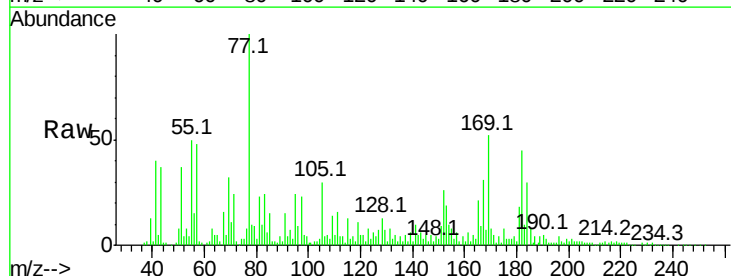
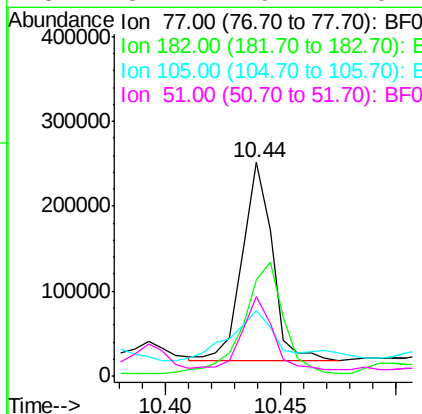
Instrument :
BNA_F
ClientSampleId :

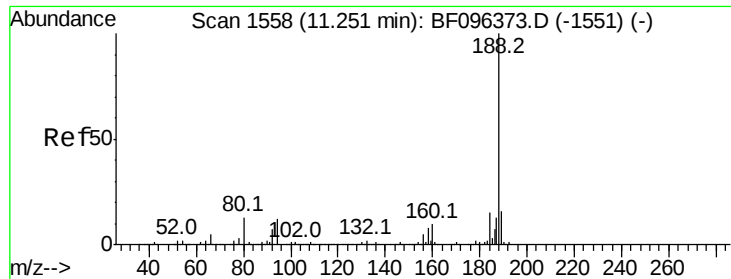
Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	21.8	61.8
108	70.6	42.3	82.3



#62
Azobenzene
Concen: 45.081 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	45.0	0.1	40.1#
105	30.4	3.6	43.6
51	37.2	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

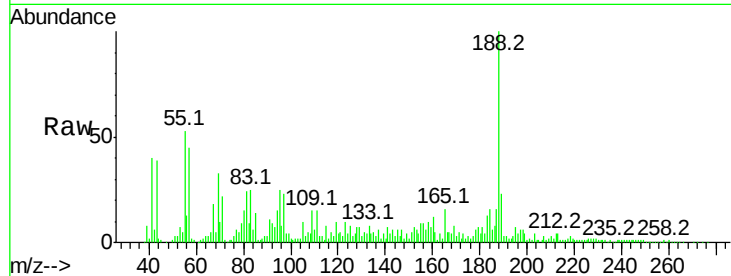
Tot Ion:188 Resp: 163198

Ion Ratio Lower Upper

188 100

94 14.7 9.4 14.2#

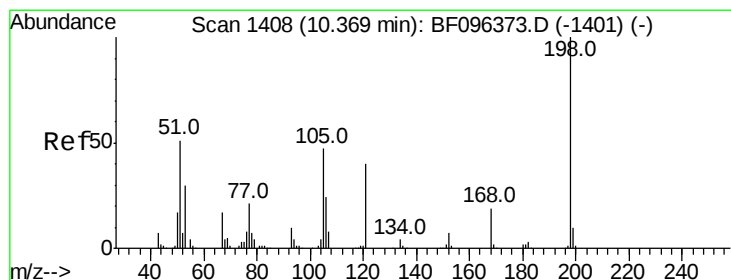
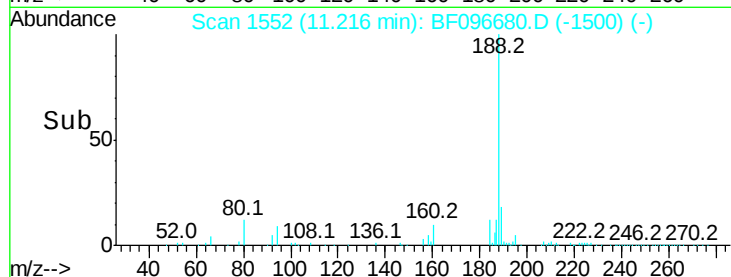
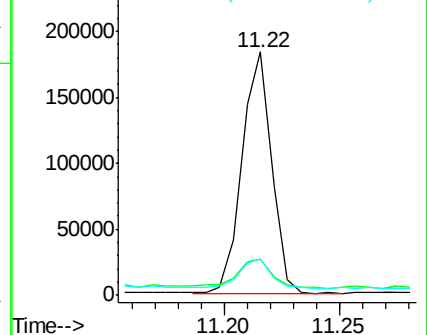
80 15.0 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 9.629 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

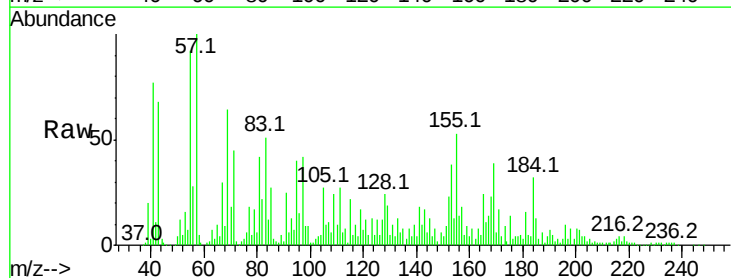
Tgt Ion:198 Resp: 10838

Ion Ratio Lower Upper

198 100

51 149.4 53.2 93.2#

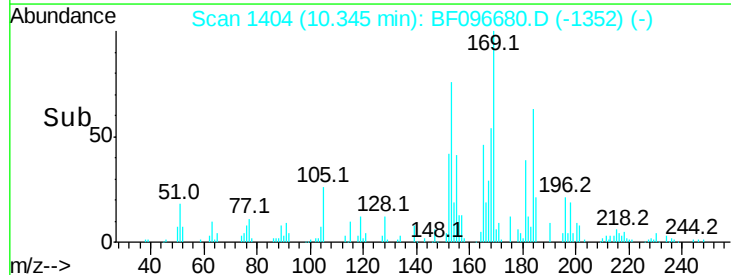
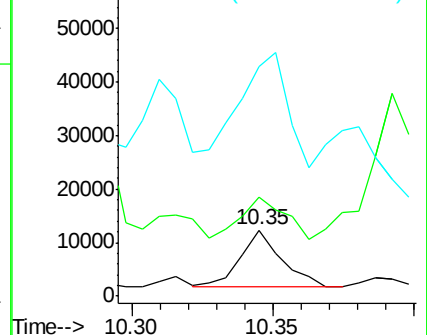
105 346.1 45.8 85.8#

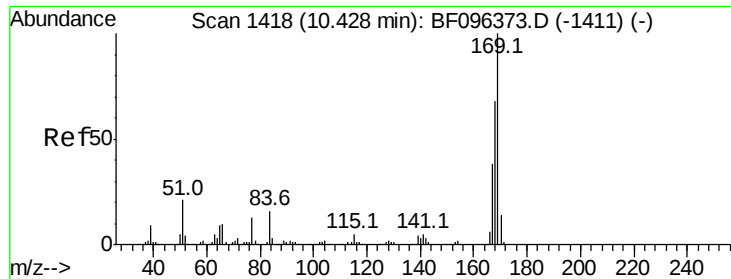


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

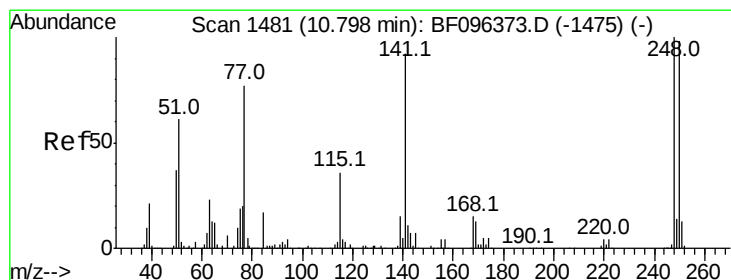
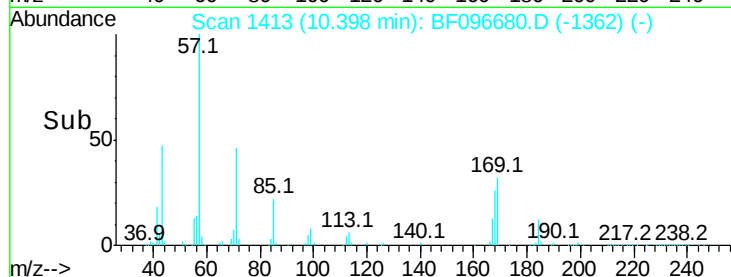
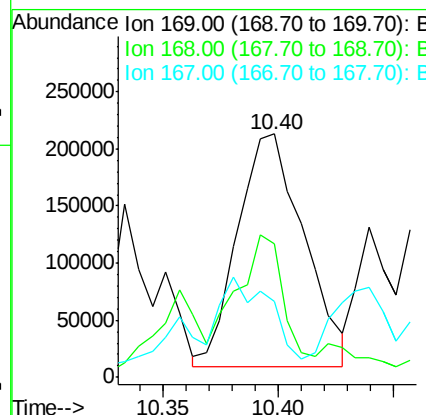
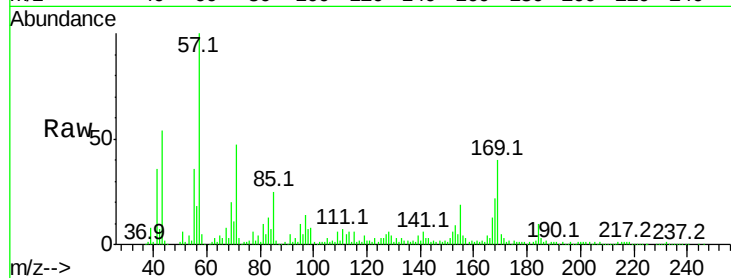




#65
n-Nitrosodiphenylamine
Concen: 71.180 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

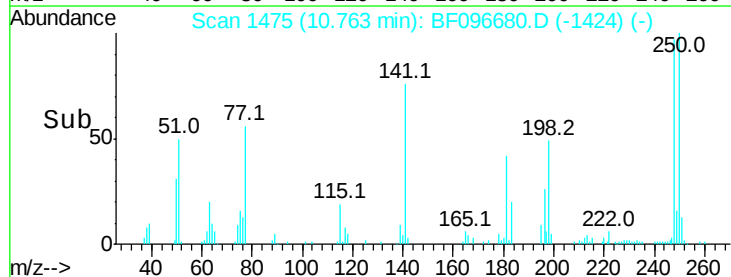
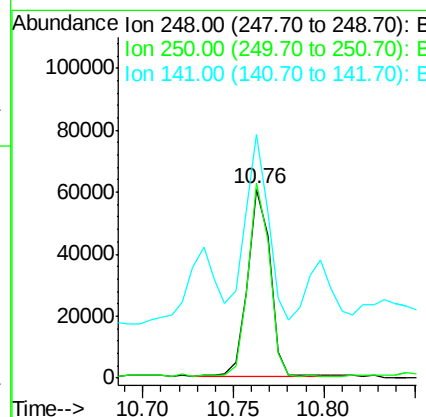
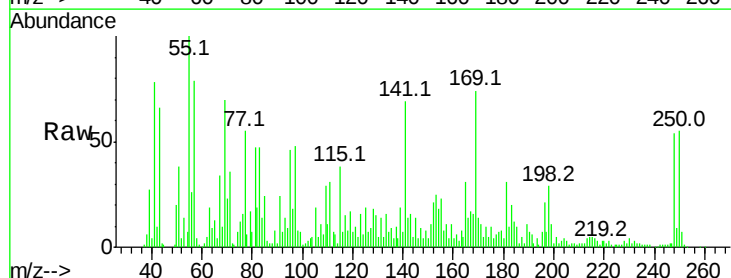
Instrument :
BNA_F
ClientSampleId :

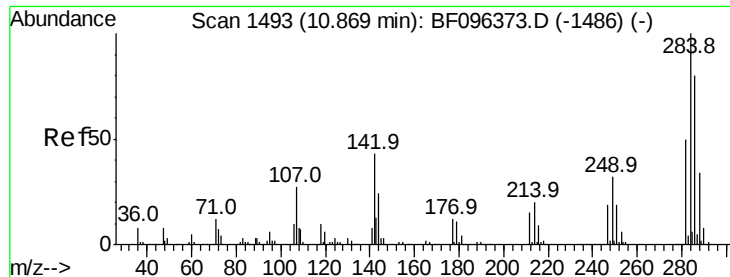
Tot Ion:169 Resp: 407582
Ion Ratio Lower Upper
169 100
168 55.0 53.2 79.8
167 31.3 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 32.930 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF096680.D
Acq: 12 Jul 2017 8:51

Tgt Ion:248 Resp: 52315
Ion Ratio Lower Upper
248 100
250 103.0 76.8 115.2
141 128.9 68.6 103.0#





#67

Hexachlorobenzene

Concen: 29.631 ng

RT: 10.85 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

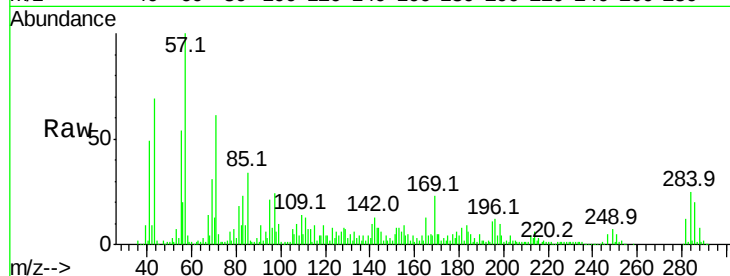
Tot Ion:284 Resp: 51530

Ion Ratio Lower Upper

284 100

142 52.5 22.8 34.2#

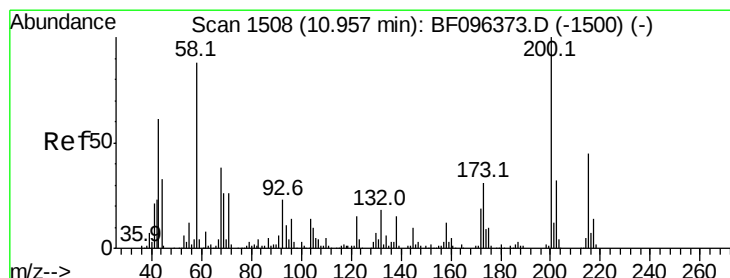
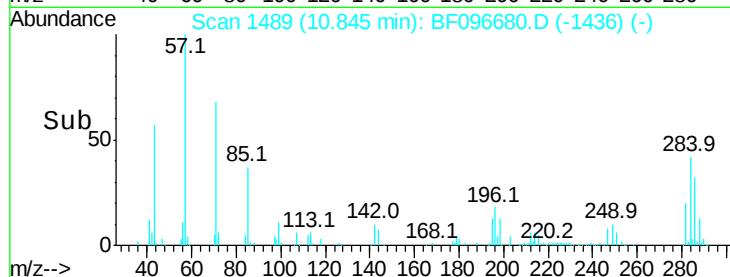
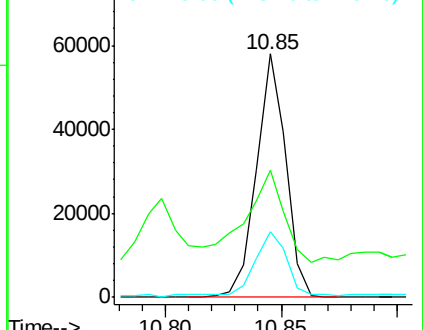
249 27.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.247 ng

RT: 10.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

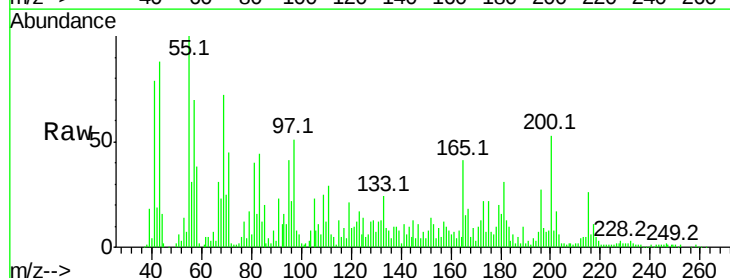
Tgt Ion:200 Resp: 56024

Ion Ratio Lower Upper

200 100

173 41.4 6.3 46.3

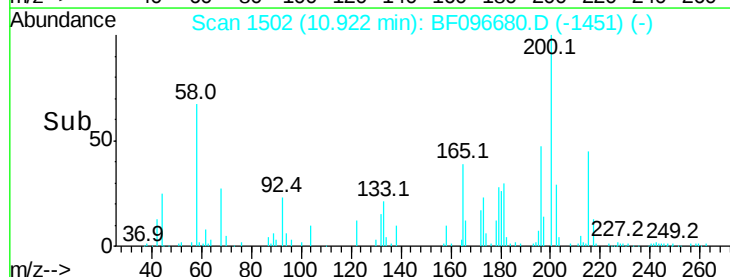
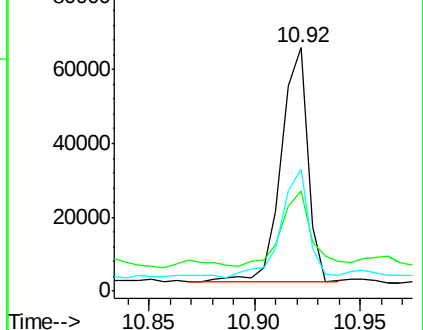
215 50.0 27.2 67.2

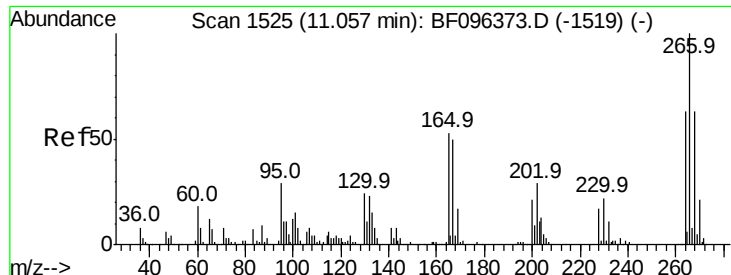


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

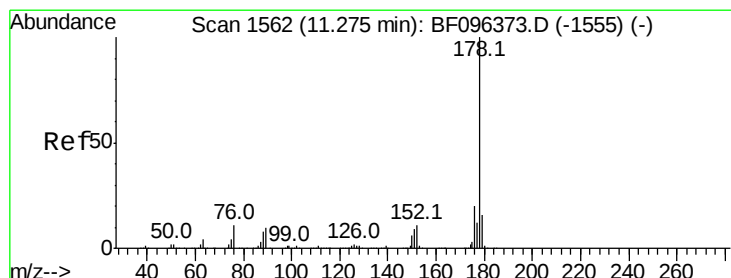
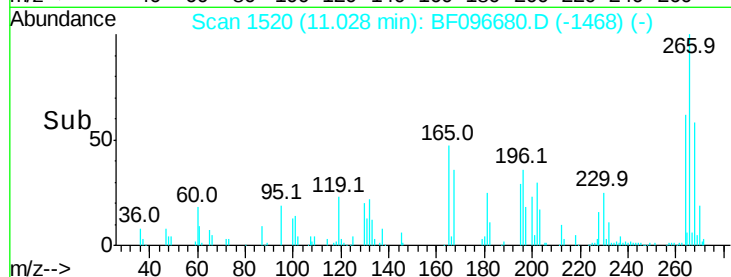
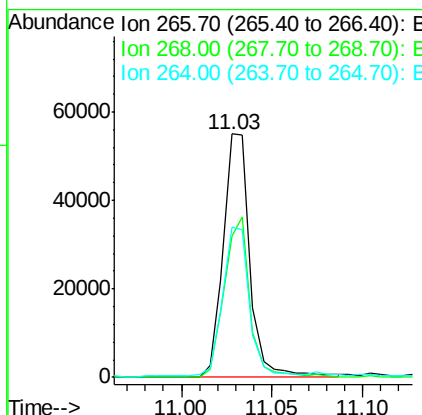
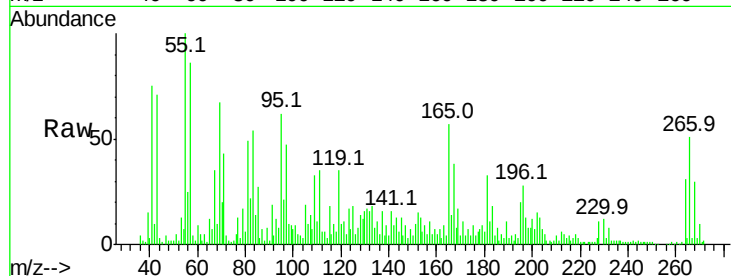




#69
 Pentachlorophenol
 Concen: 54.973 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

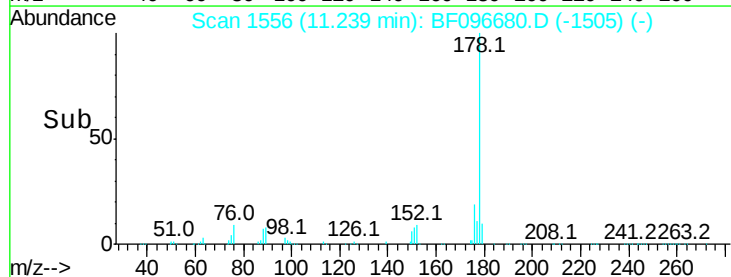
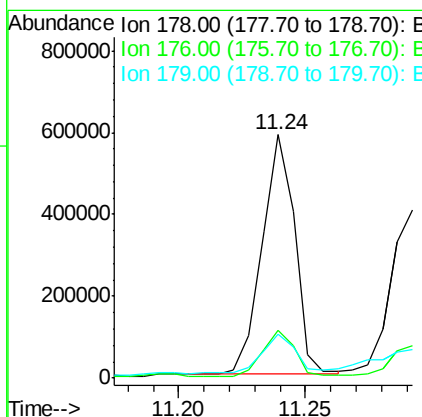
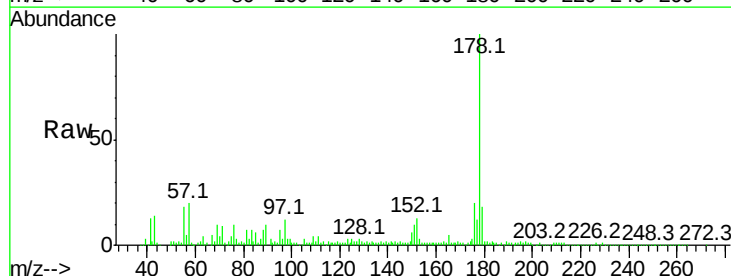
Instrument :
 BNA_F
 ClientSampleId :

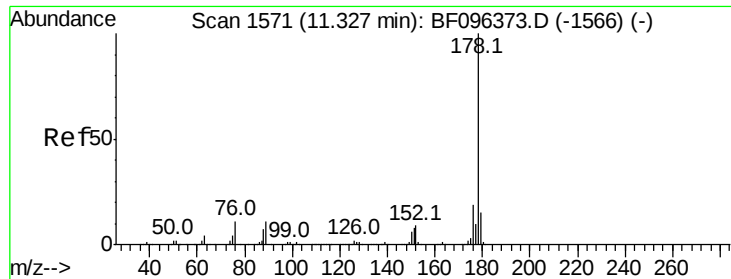
Tot Ion:266 Resp: 56661
 Ion Ratio Lower Upper
 266 100
 268 58.1 51.1 76.7
 264 61.7 51.7 77.5



#70
 Phenanthrene
 Concen: 60.184 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:178 Resp: 530949
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 18.2 12.6 19.0

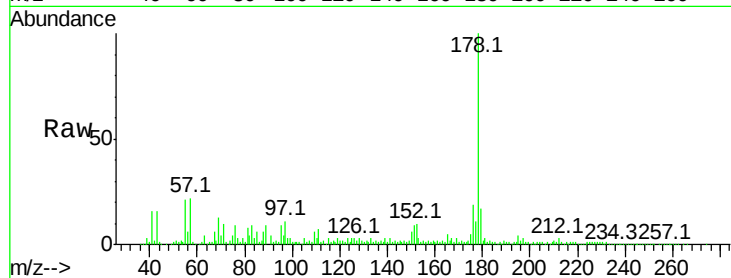




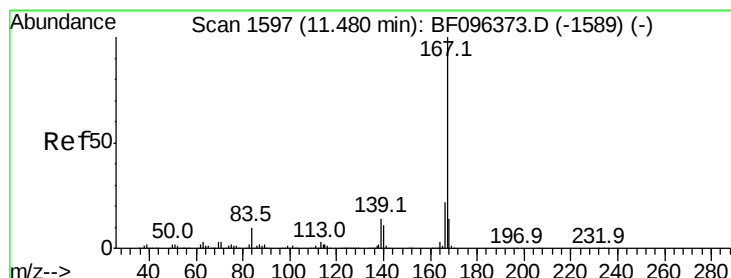
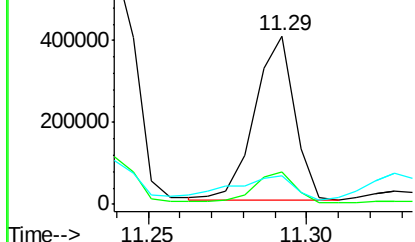
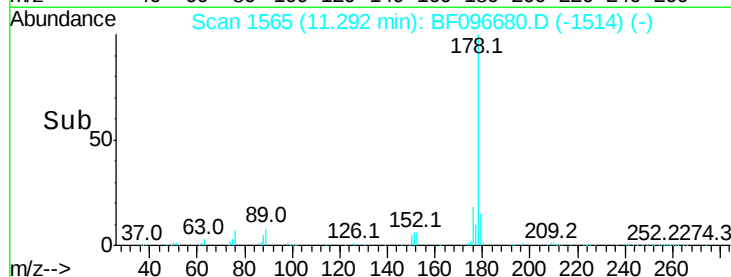
#71
 Anthracene
 Concen: 39.419 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 354376
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 17.0 12.7 19.1

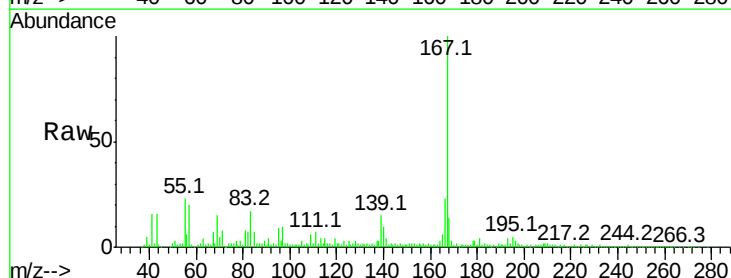


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

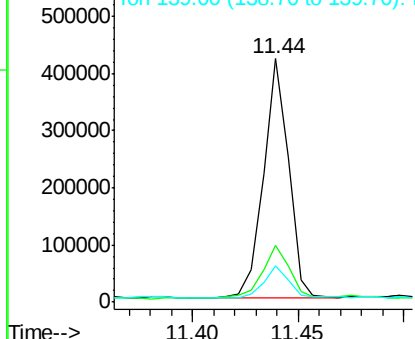
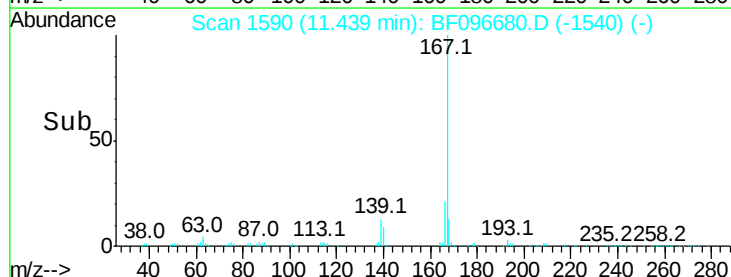


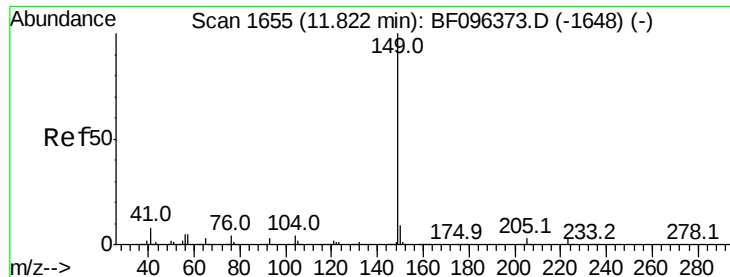
#72
 Carbazole
 Concen: 38.419 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:167 Resp: 347350
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.1 27.1
 139 14.9 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.304 ng

RT: 11.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

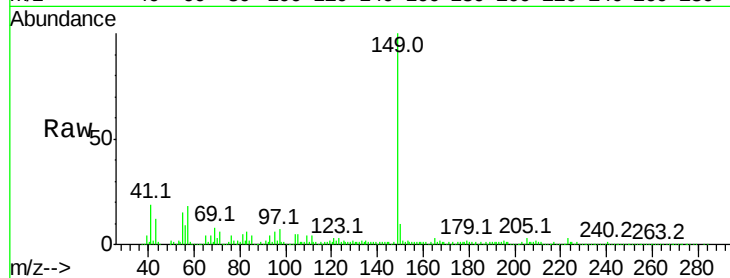
Tot Ion:149 Resp: 430403

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

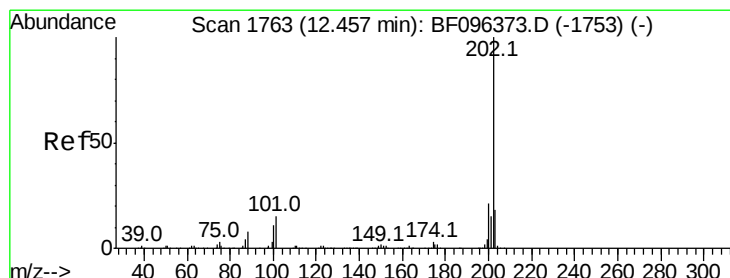
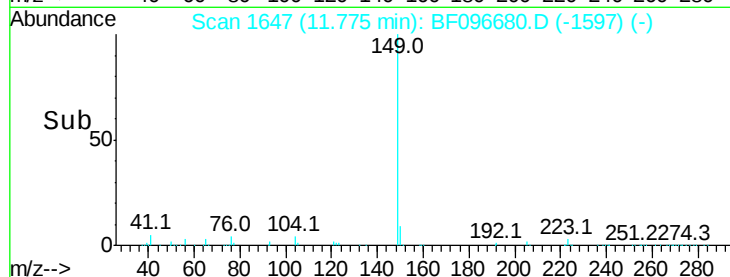
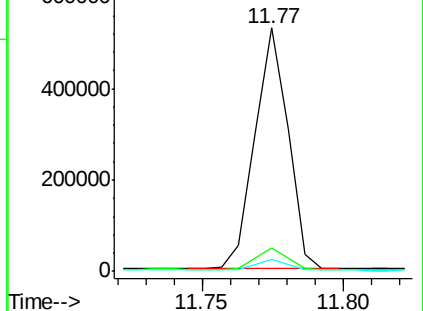
104 4.8 4.0 6.0



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: 50.176 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

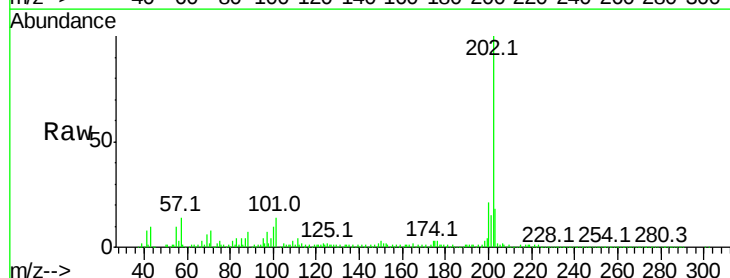
Tgt Ion:202 Resp: 434000

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

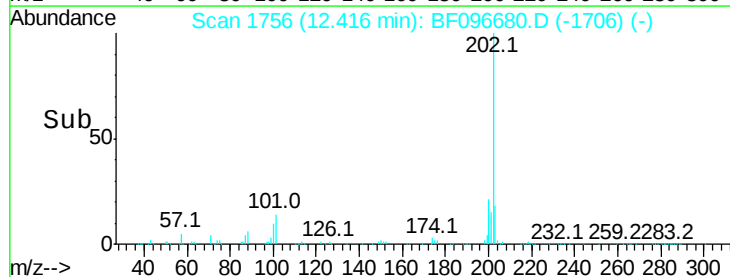
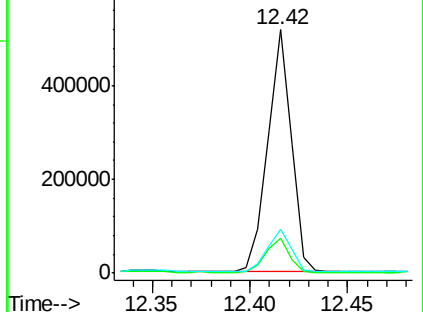
203 18.2 0.0 38.1

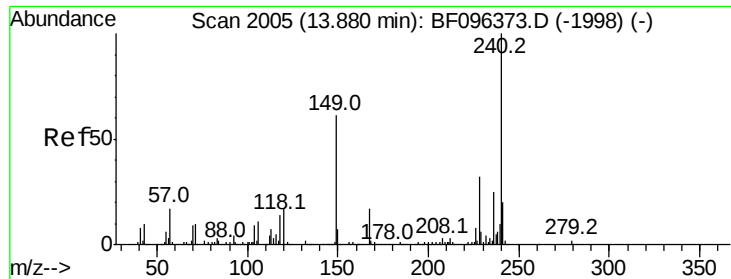


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

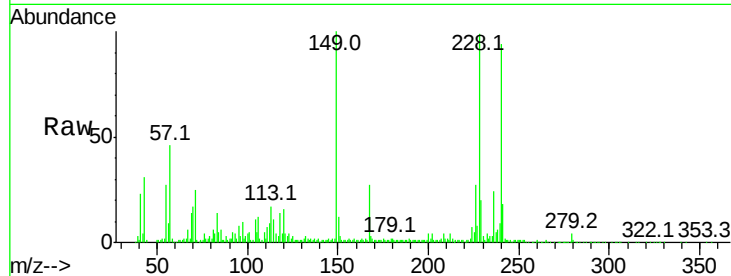
Tot Ion:240 Resp: 171321

Ion Ratio Lower Upper

240 100

120 16.6 5.8 8.8#

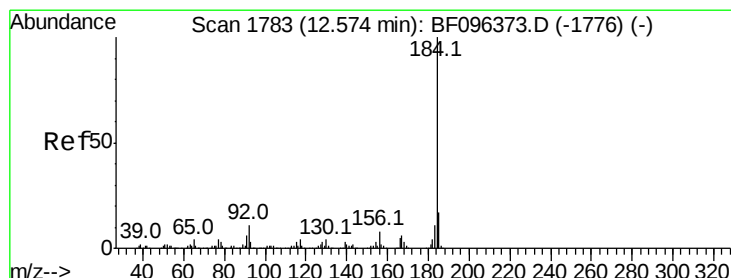
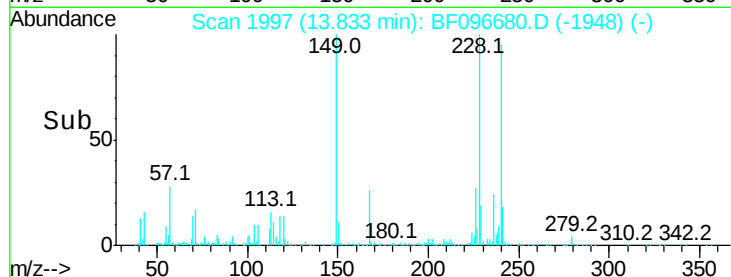
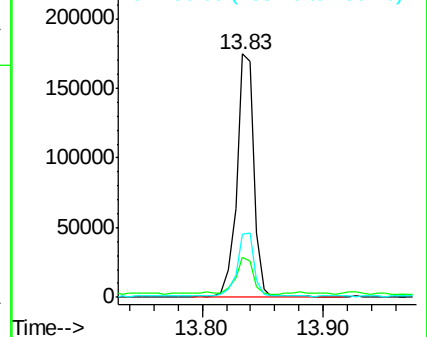
236 25.7 20.5 30.7



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: 20.889 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

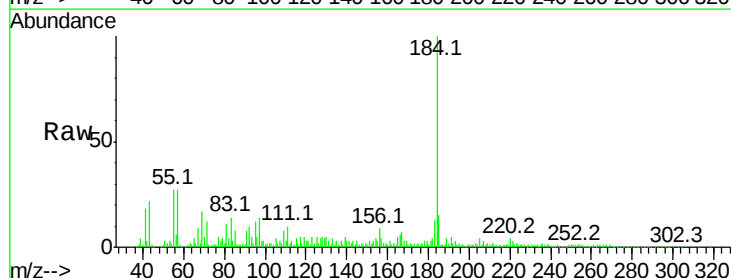
Tgt Ion:184 Resp: 171721

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

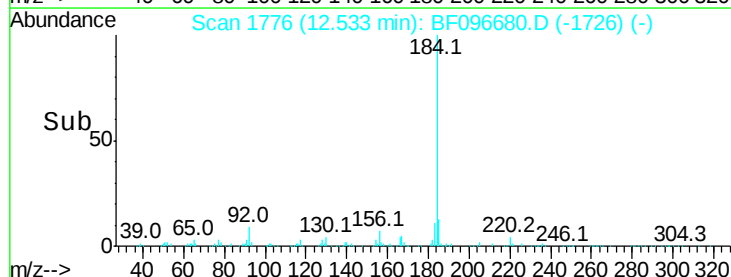
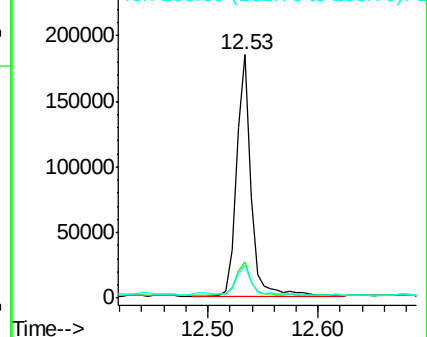
183 13.2 9.8 14.6

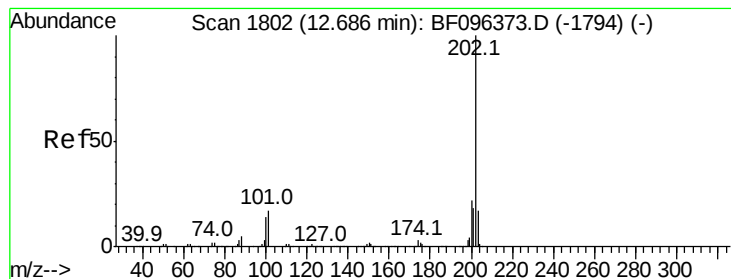


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.579 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampled :

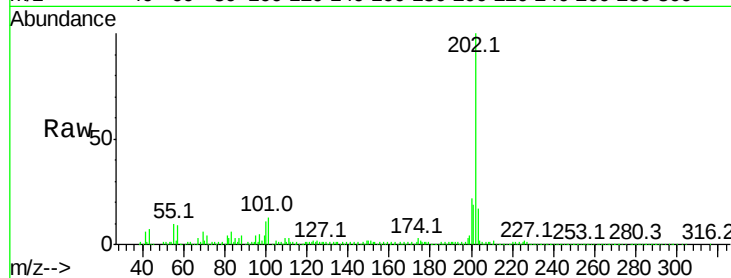
Tot Ion:202 Resp: 434251

Ion Ratio Lower Upper

202 100

200 21.6 17.6 26.4

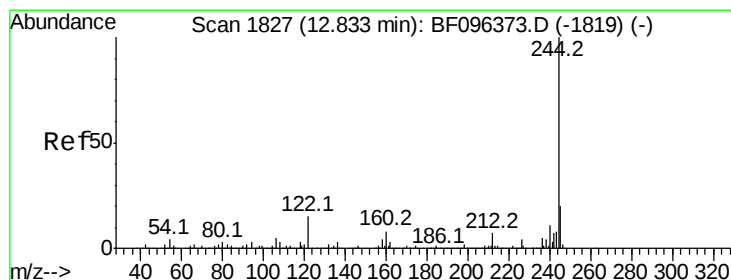
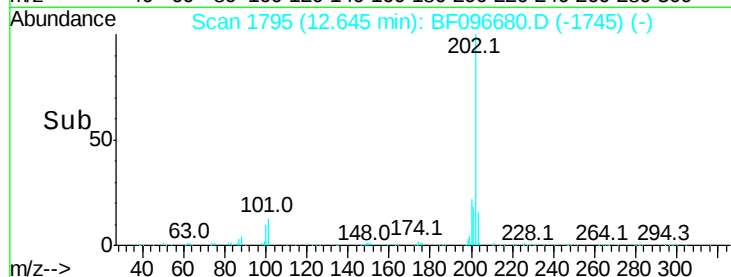
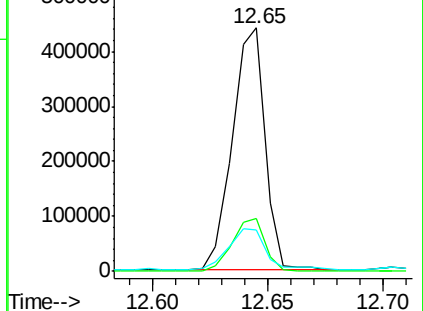
203 17.1 14.4 21.6



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: 53.998 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

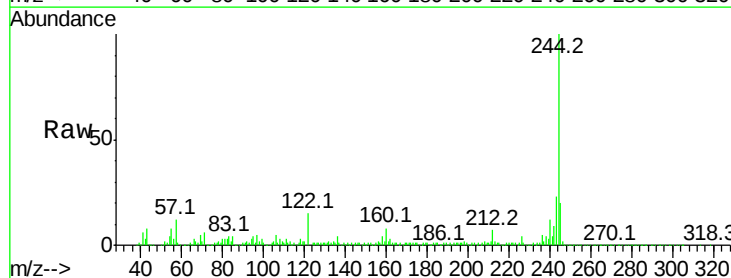
Tgt Ion:244 Resp: 432932

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

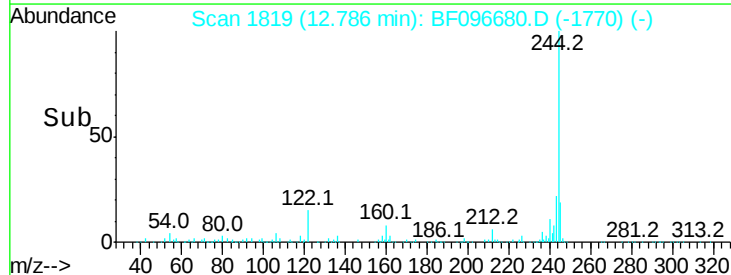
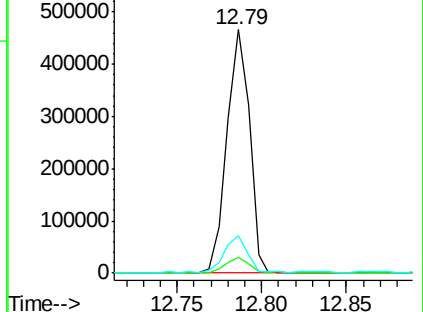
122 15.3 10.3 15.5

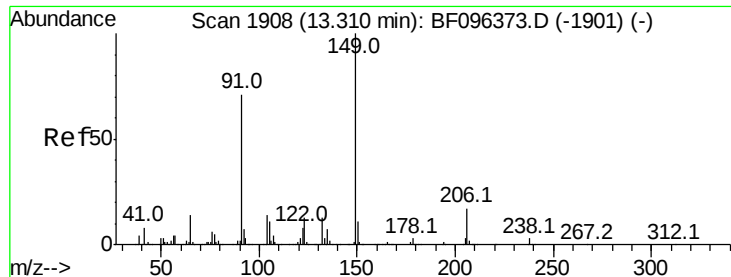


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

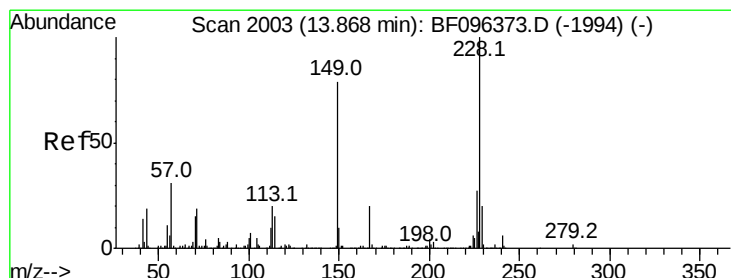
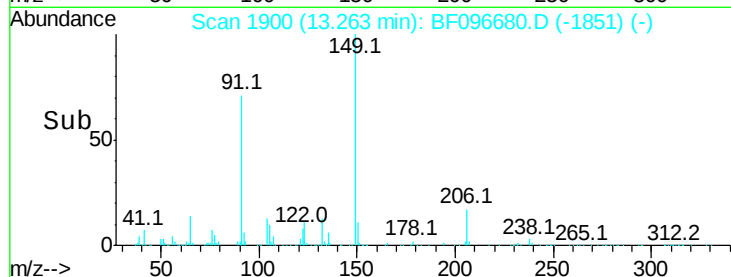
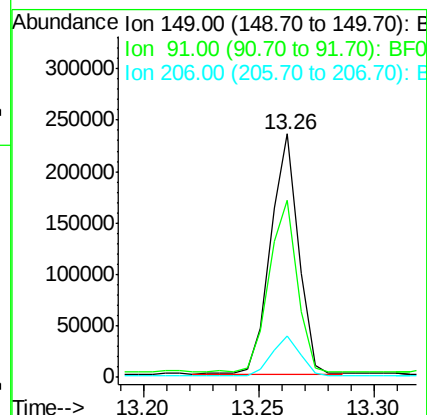
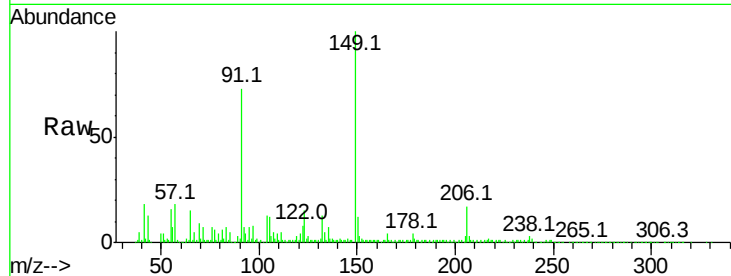




#79
 Butylbenzylphthalate
 Concen: 27.827 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

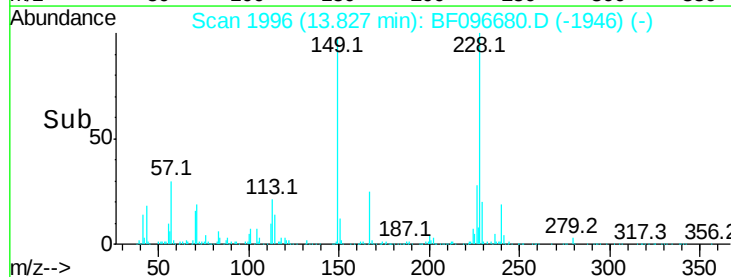
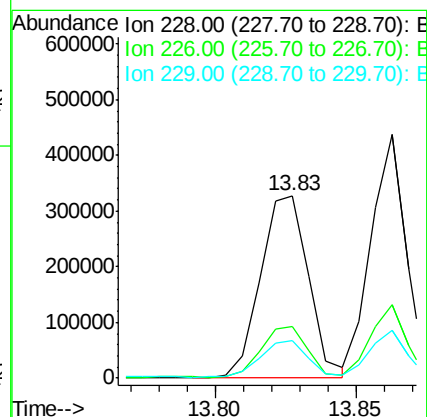
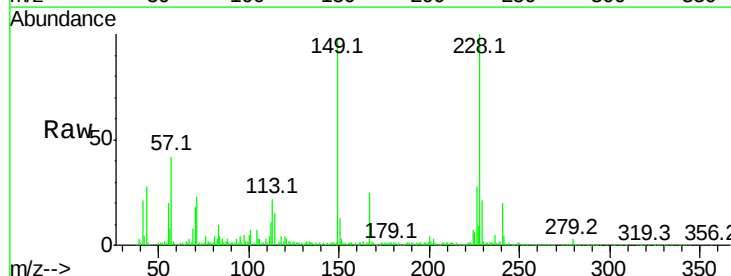
Instrument :
 BNA_F
 ClientSampleId :

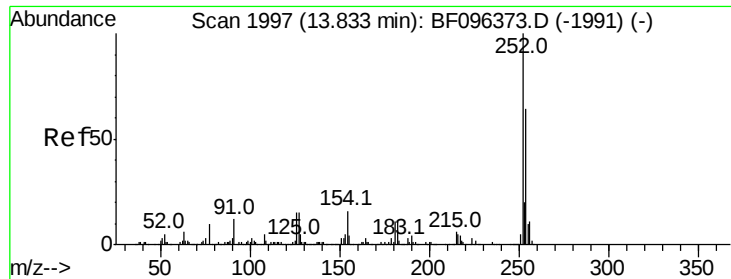
Tot Ion:149 Resp: 193709
 Ion Ratio Lower Upper
 149 100
 91 72.9 45.0 67.4#
 206 16.8 17.0 25.6#



#80
 Benzo(a)anthracene
 Concen: 38.671 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:228 Resp: 383655
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.6 33.8
 229 20.6 16.3 24.5

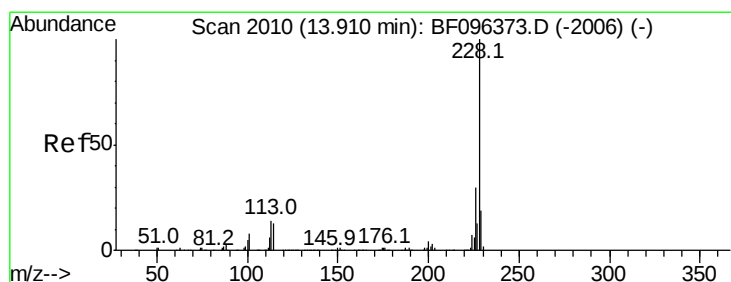
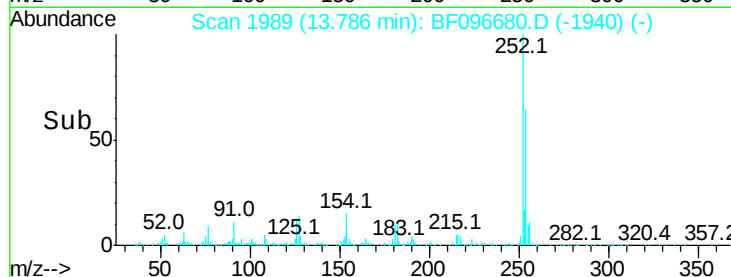
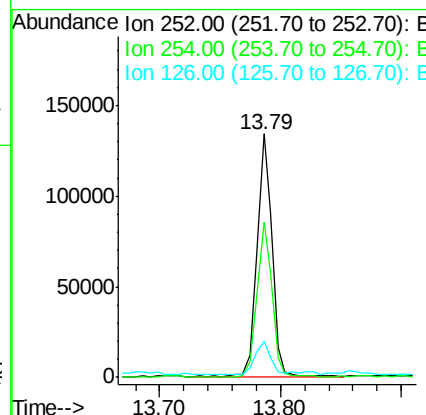
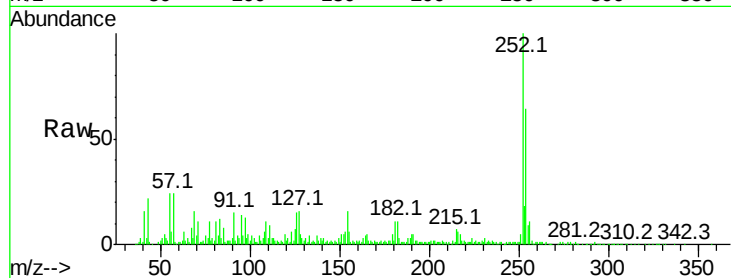




#81
 3,3'-Dichlorobenzidine
 Concen: 28.539 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

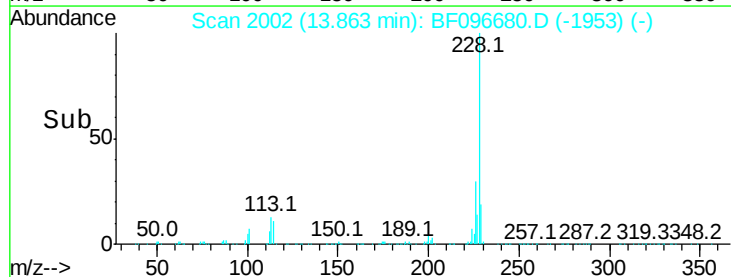
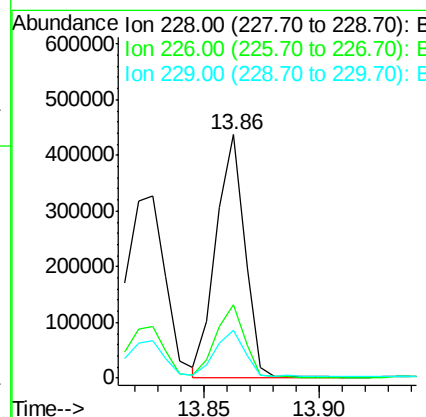
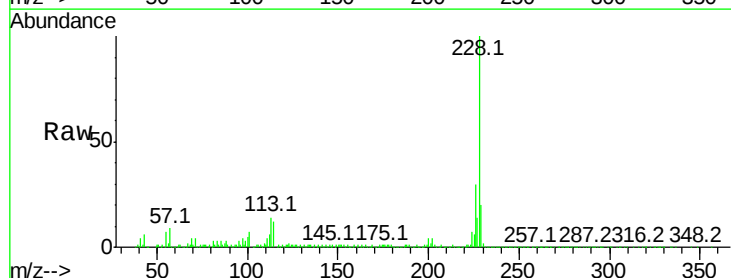
Instrument :
 BNA_F
 ClientSampleId :

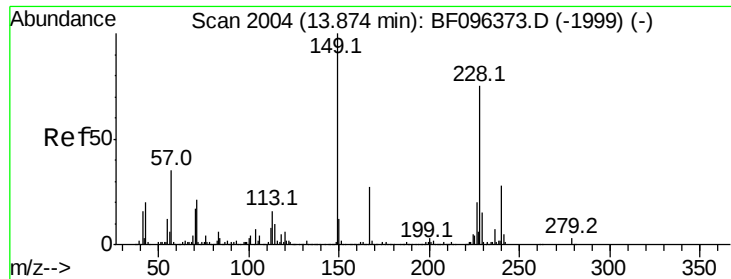
Tot Ion:252 Resp: 116290
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 15.0 15.8 23.8#



#82
 Chrysene
 Concen: 36.004 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:228 Resp: 374050
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.7 15.8 23.6

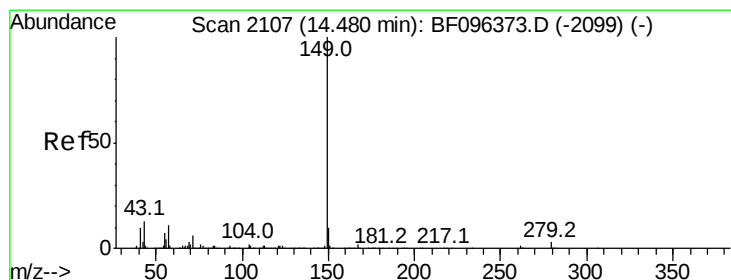
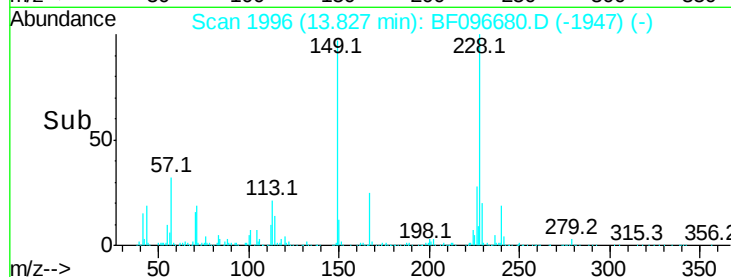
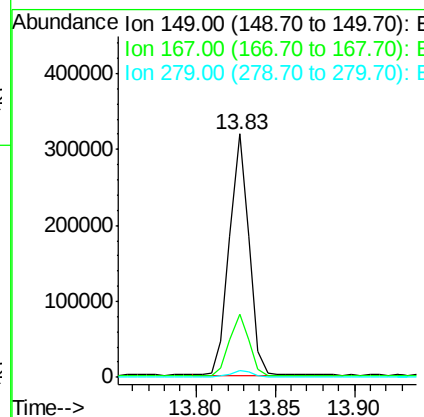
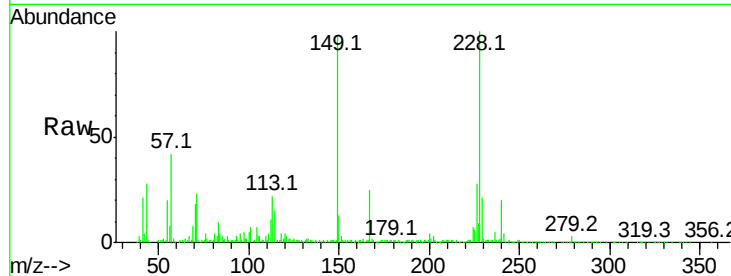




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.103 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

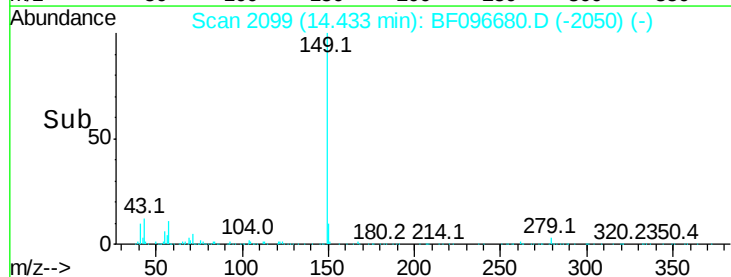
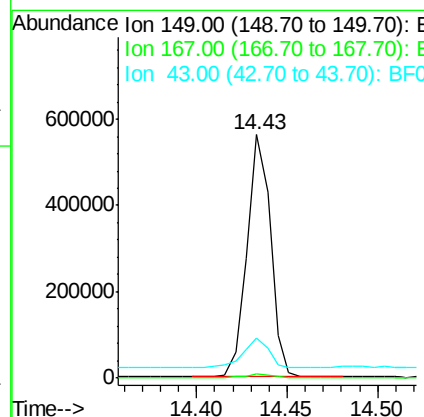
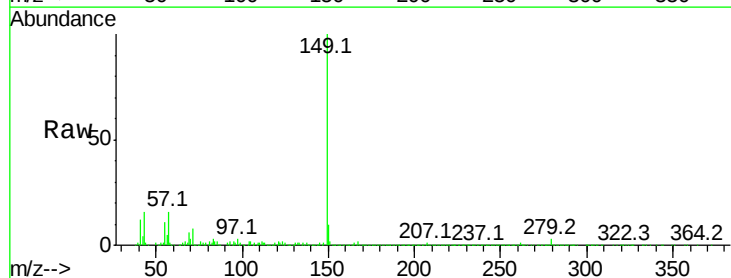
Instrument :
 BNA_F
 ClientSampleId :

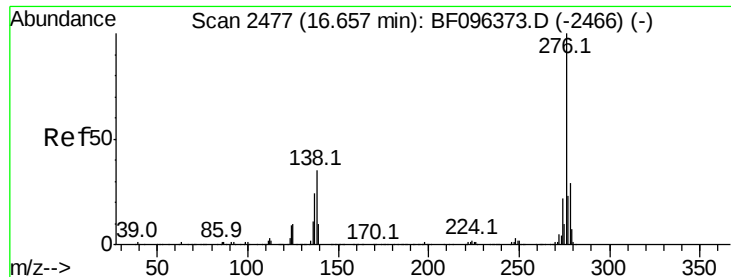
Tot Ion:149 Resp: 272760
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 33.247 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion:149 Resp: 508741
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.8 8.5 12.7#

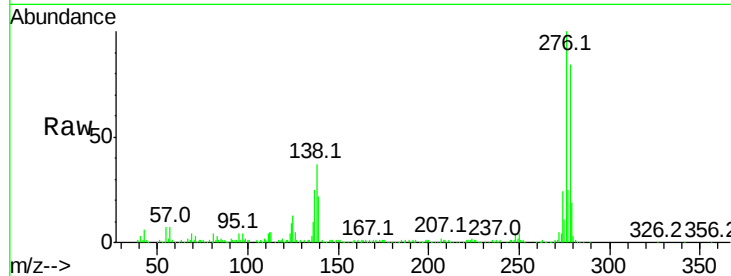




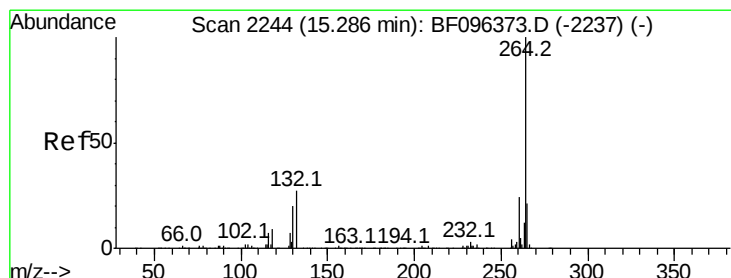
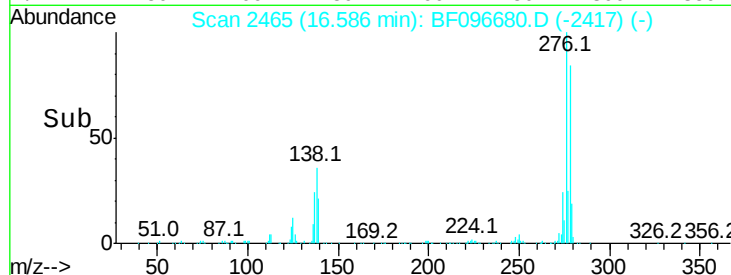
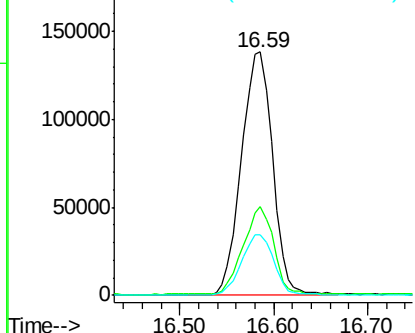
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.966 ng
 RT: 16.59 min Scan# 2465
 Delta R.T. -0.02 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.8	20.2	30.4

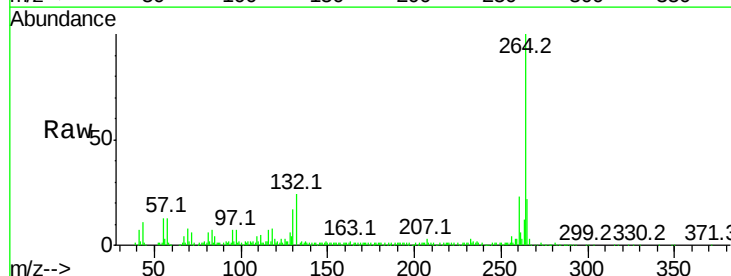


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

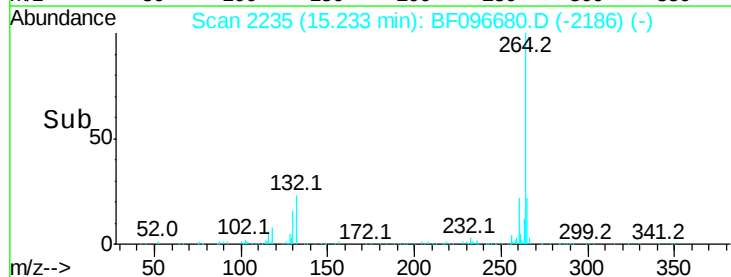
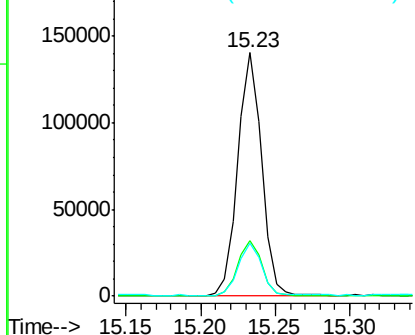


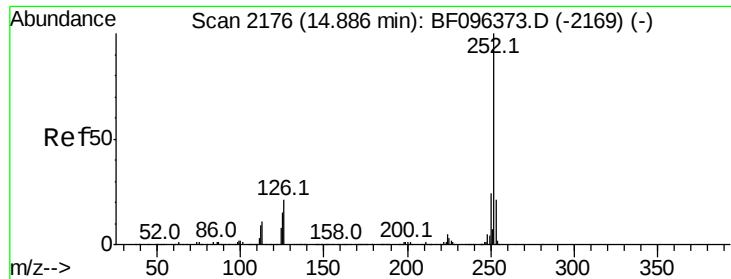
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096680.D
 Acq: 12 Jul 2017 8:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	21.9	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 34.404 ng

RT: 14.87 min Scan# 2173

Delta R.T. 0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

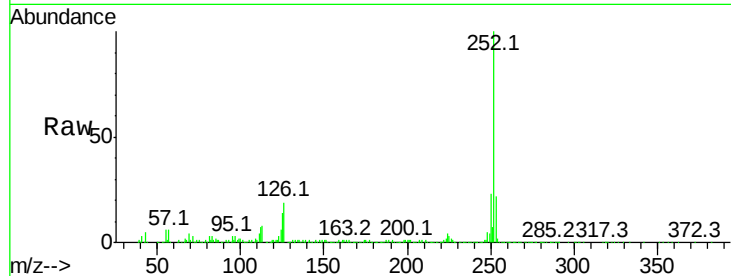
Tot Ion:252 Resp: 340448

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

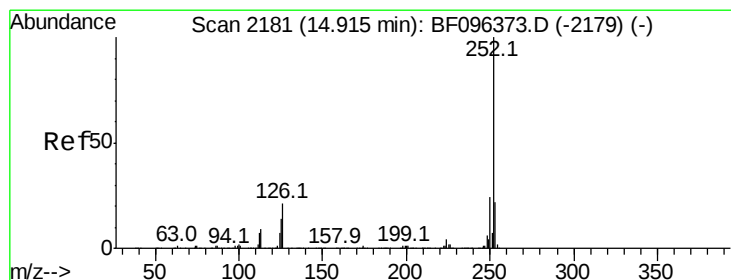
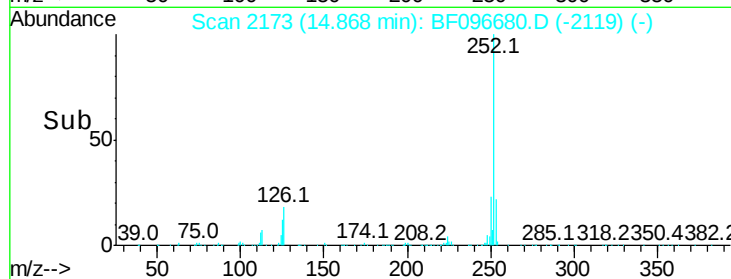
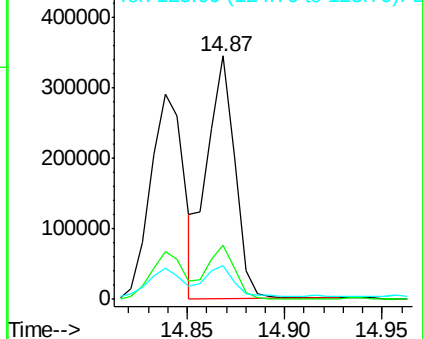
125 13.7 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.461 ng

RT: 14.87 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

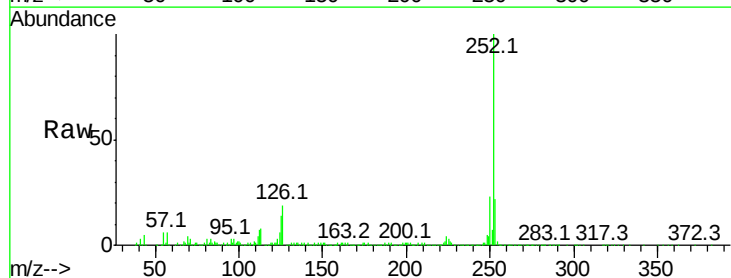
Tgt Ion:252 Resp: 340448

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

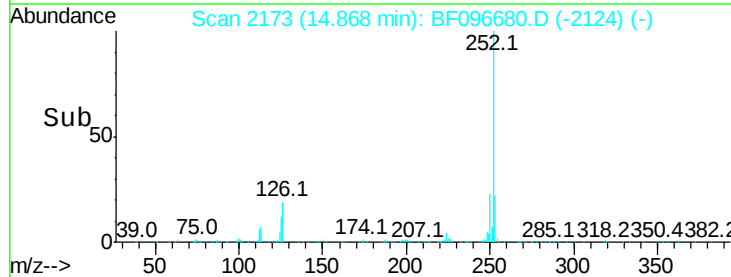
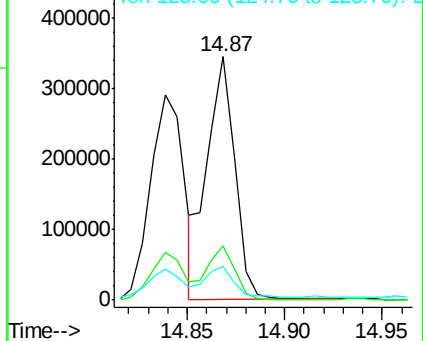
125 13.7 13.1 19.7

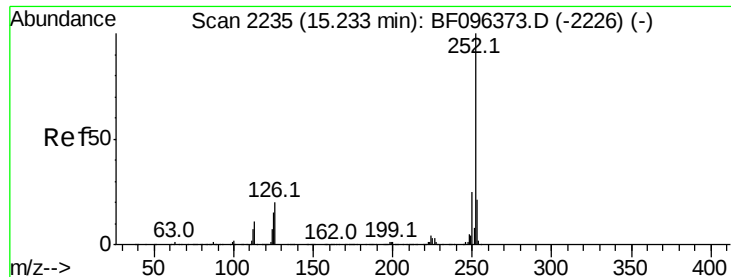


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.172 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

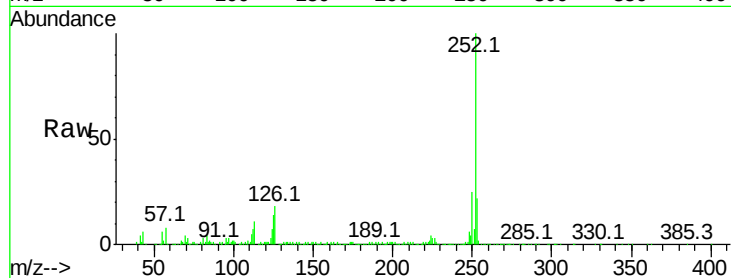
Tot Ion:252 Resp: 328409

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

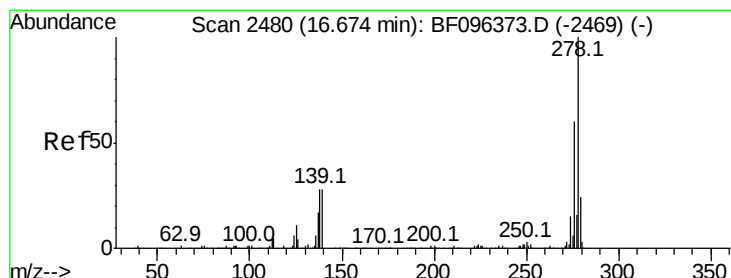
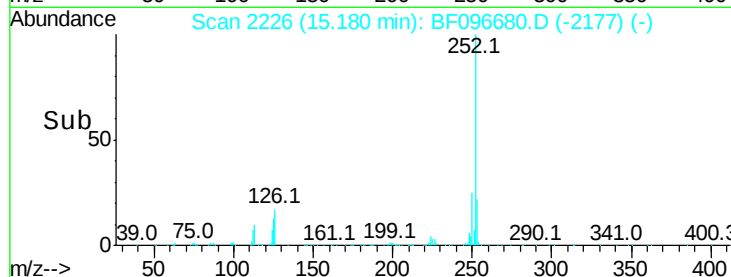
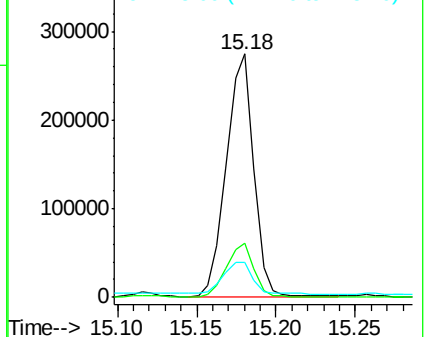
125 14.2 11.0 16.4



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: 38.843 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

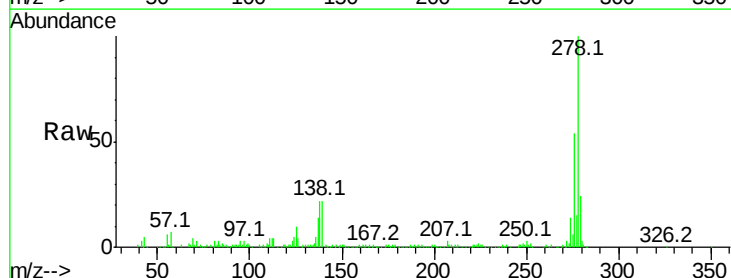
Tgt Ion:278 Resp: 269974

Ion Ratio Lower Upper

278 100

139 22.0 16.6 24.8

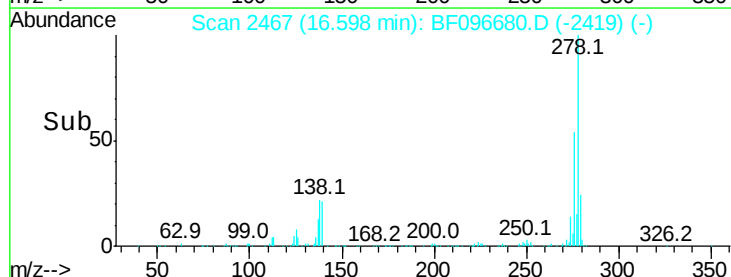
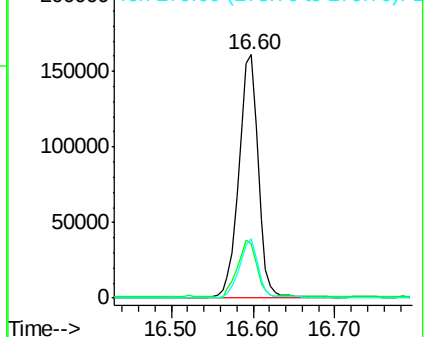
279 24.2 19.3 28.9

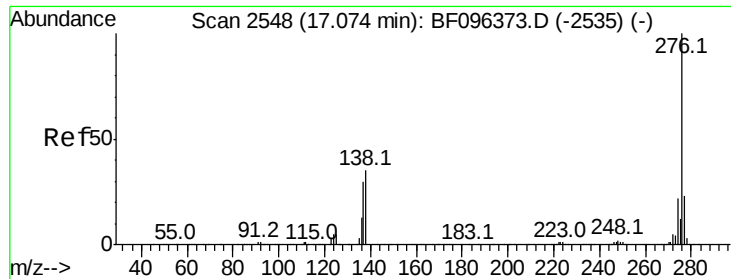


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.279 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF096680.D

Acq: 12 Jul 2017 8:51

Instrument :

BNA_F

ClientSampleId :

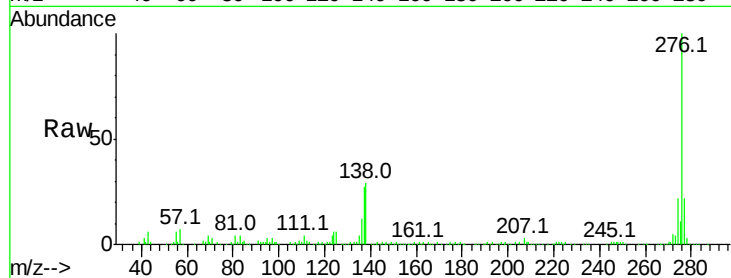
Tot Ion:276 Resp: 261288

Ion Ratio Lower Upper

276 100

277 21.5 18.6 28.0

138 29.0 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

