

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083739.D
 Acq On : 13 Dec 2015 19:52
 Operator : UM/IZ
 Sample : G4648-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:31:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	58138	20.00	ng	0.05
21) Naphthalene-d8	8.22	136	371281	20.00	ng	0.01
38) Acenaphthene-d10	9.95	164	222032	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	398241	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	292291	20.00	ng	-0.01
86) Perylene-d12	15.49	264	255583	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	615052	170.67	ng	0.00
7) Phenol-d6	6.56	99	287585	63.02	ng	0.01
23) Nitrobenzene-d5	7.52	82	453360	68.32	ng	0.03
41) 2,4,6-Tribromophenol	10.74	330	214850	94.96	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	908290	54.04	ng	-0.01
78) Terphenyl-d14	13.01	244	817983	60.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	213	0.12	ng	# 1
4) n-Nitrosodimethylamine	3.37	42	1159	0.70	ng	# 1
6) Aniline	6.60	93	16439	2.65	ng	# 1
8) 2-Chlorophenol	6.80	128	2363	0.56	ng	# 1
9) Benzaldehyde	6.51	77	299585	122.23	ng	# 1
10) Phenol	6.57	94	3611	0.69	ng	# 1
11) bis(2-Chloroethyl)ether	6.65	93	29756	7.82	ng	# 1
15) Benzyl Alcohol	7.10	79	46206	13.78	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1565	0.32	ng	# 1
17) 2-Methylphenol	7.28	107	29858	8.77	ng	# 1
18) Hexachloroethane	7.48	117	419966	260.39	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	226163	80.93	ng	# 62
20) 3+4-Methylphenols	7.39	107	11161	2.78	ng	# 1
22) Acetophenone	7.32	105	1218013	133.73	ng	# 83
24) Nitrobenzene	7.52	77	236352	34.22	ng	# 61
25) Isophorone	7.79	82	258818	19.88	ng	# 1
26) 2-Nitrophenol	7.81	139	26436	7.97	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	4766	0.73	ng	# 1
28) bis(2-Chloroethoxy)methane	7.76	93	203246	27.36	ng	95
29) 2,4-Dichlorophenol	8.06	162	28014	5.23	ng	# 19
30) 1,2,4-Trichlorobenzene	8.12	180	6984	1.26	ng	# 38
31) Naphthalene	8.25	128	291669	15.07	ng	# 58
32) Benzoic acid	8.03	122	22057	5.43	ng	# 1
33) 4-Chloroaniline	8.25	127	53404	6.76	ng	# 1
35) Caprolactam	8.64	113	26081	15.17	ng	# 63
36) 4-Chloro-3-methylphenol	8.76	107	3119	0.50	ng	# 26
37) 2-Methylnaphthalene	9.01	142	143318	11.80	ng	95
42) 2,4,6-Trichlorophenol	9.39	196	224	0.05	ng	# 13
43) 2,4,5-Trichlorophenol	9.39	196	224	0.05	ng	# 1
45) 1,1'-Biphenyl	9.38	154	11573	0.59	ng	95
46) 2-Chloronaphthalene	9.45	162	465	0.03	ng	# 22
47) 2-Nitroaniline	9.54	65	572	0.14	ng	# 38
48) Acenaphthylene	9.81	152	1935	0.08	ng	# 1
49) Dimethylphthalate	9.66	163	167559	9.68	ng	100

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 ALS Vial : 31 Sample Multiplier: 1

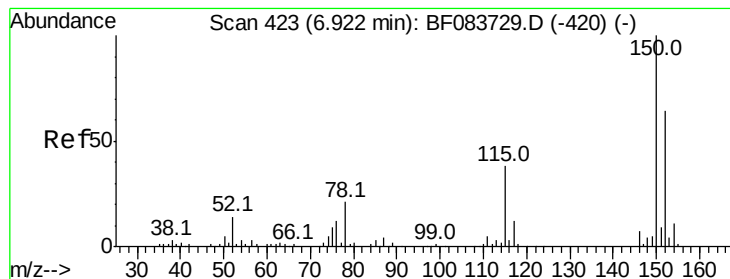
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:31:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

50) 2,6-Dinitrotoluene	9.73	165	1620	0.44	nq	# 67
51) Acenaphthene	9.95	154	1472	0.10	nq	# 38
52) 3-Nitroaniline	9.87	138	508	0.12	nq	# 1
54) Dibenzofuran	10.16	168	2247	0.11	nq	# 8
55) 4-Nitrophenol	10.05	139	1333	0.43	nq	# 10
56) 2,4-Dinitrotoluene	9.95	165	32720	6.82	nq	# 13
57) Fluorene	10.50	166	3124	0.20	nq	# 89
59) Diethylphthalate	10.37	149	16612	0.95	nq	# 95
60) 4-Chlorophenyl-phenylether	10.32	204	807	0.11	nq	# 76
61) 4-Nitroaniline	10.70	138	1735	0.46	nq	# 88
62) Azobenzene	10.62	77	977	0.06	nq	# 3
64) 4,6-Dinitro-2-methylphenol	10.74	198	595	0.26	nq	# 1
65) n-Nitrosodiphenylamine	10.61	169	6102	0.45	nq	# 54
66) 4-Bromophenyl-phenylether	10.74	248	14704	3.30	nq	# 1
70) Phenanthrene	11.46	178	6599	0.31	nq	# 74
71) Anthracene	11.50	178	743	0.03	nq	# 29
72) Carbazole	11.68	167	431	0.02	nq	# 1
73) Di-n-butylphthalate	12.00	149	6188	0.25	nq	# 91
74) Fluoranthene	12.66	202	4204	0.19	nq	# 85
76) Benzidine	12.77	184	1146	0.13	nq	# 1
77) Pyrene	12.87	202	4570	0.20	nq	# 84
79) Butylbenzylphthalate	13.53	149	230	0.02	nq	# 48
80) Benzo(a)anthracene	14.05	228	3384	0.20	nq	# 73
82) Chrysene	14.05	228	3384	0.21	nq	# 78
83) Bis(2-ethylhexyl)phthalate	14.05	149	129510	11.48	nq	# 99
84) Di-n-octyl phthalate	14.66	149	10169	0.57	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	1601	0.10	nq	# 1
88) Benzo(k)fluoranthene	15.08	252	1601	0.11	nq	# 1
89) Benzo(a)pyrene	15.44	252	579	0.04	nq	# 1
91) Benzo(a,h,i)perylene	17.33	276	215	0.01	nq	# 51

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

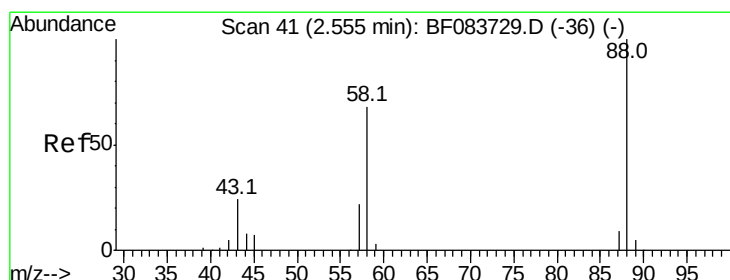
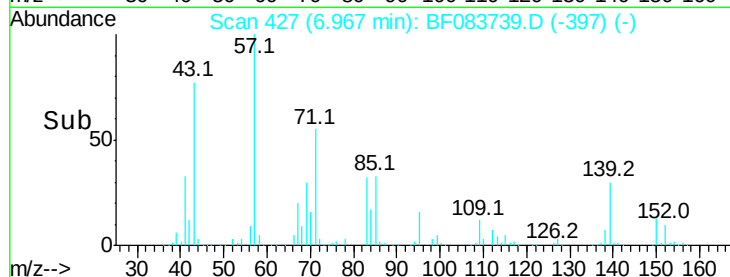
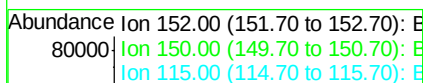
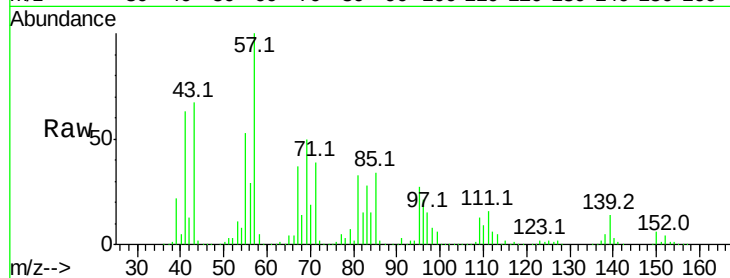
Tot Ion:152 Resp: 58138

Ion Ratio Lower Upper

152 100

150 130.5 126.5 189.7

115 56.6 52.3 78.5



#2

1,4-Dioxane

Concen: 0.12 ng

RT: 2.60 min Scan# 45

Delta R.T. 0.03 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

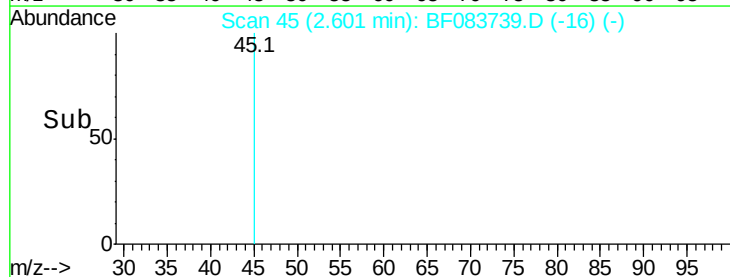
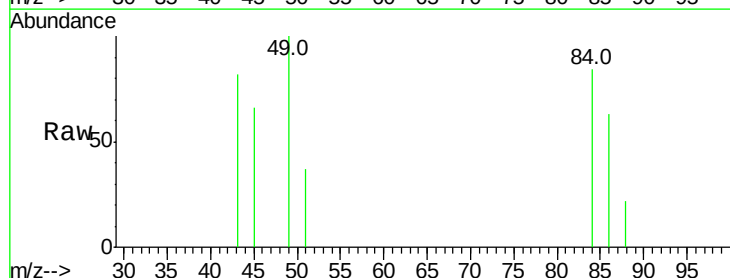
Tgt Ion: 88 Resp: 213

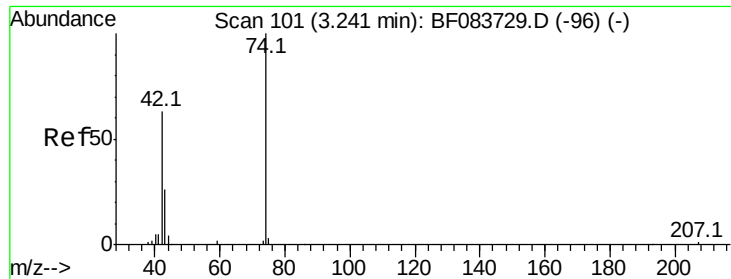
Ion Ratio Lower Upper

88 100

58 0.0 68.0 102.0#

43 816.9 27.9 41.9#





#4

n-Nitrosodimethylamine

Concen: 0.70 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.13 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

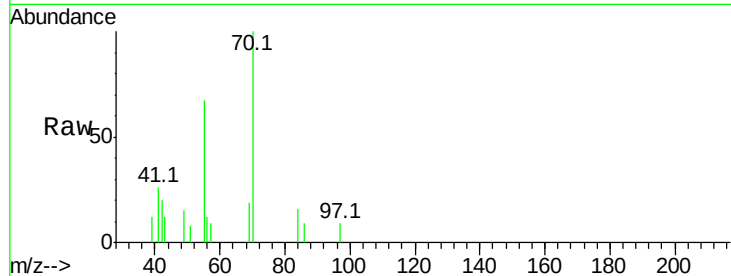
Tot Ion: 42 Resp: 1159

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

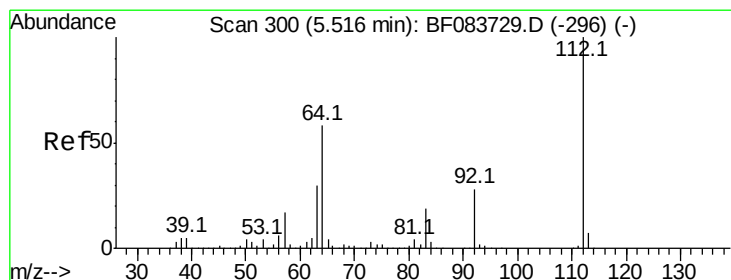
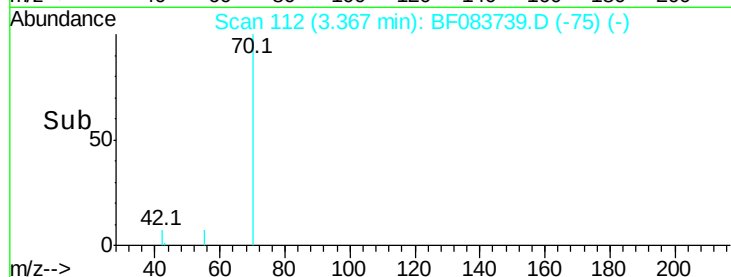
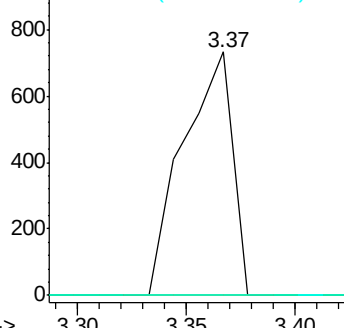
44 0.0 5.7 8.5#



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: 170.67 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

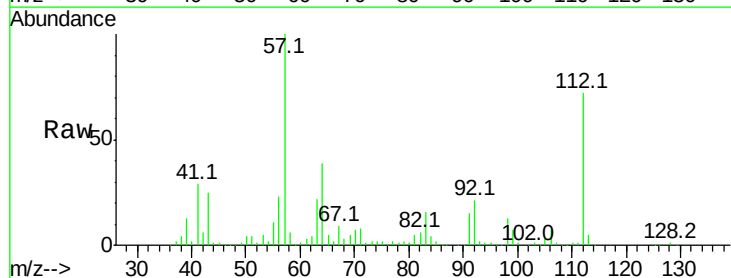
Tgt Ion: 112 Resp: 615052

Ion Ratio Lower Upper

112 100

64 54.7 50.5 75.7

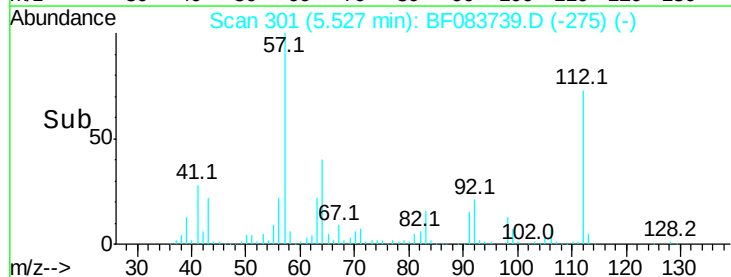
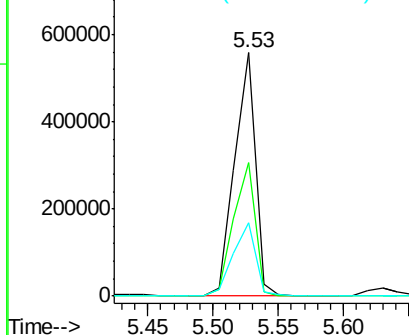
63 30.0 25.8 38.6

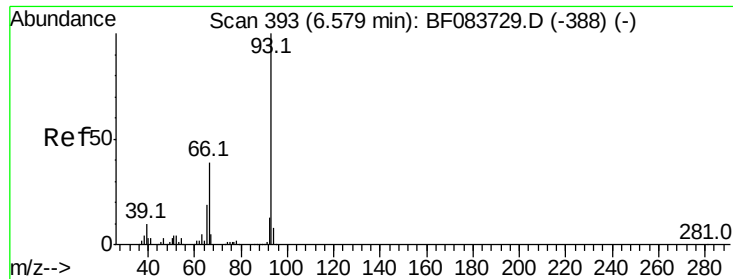


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 2.65 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.02 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

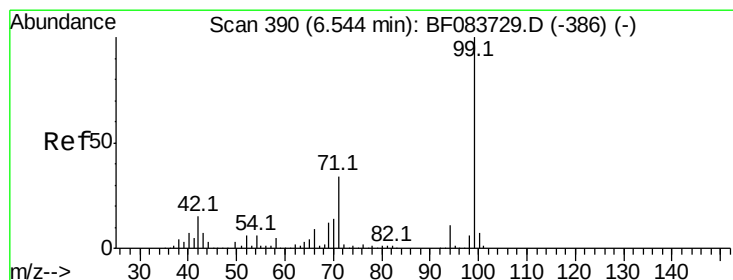
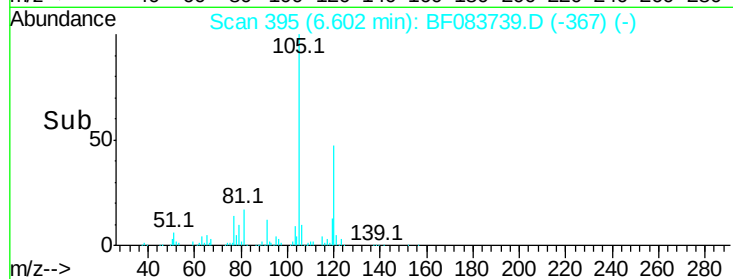
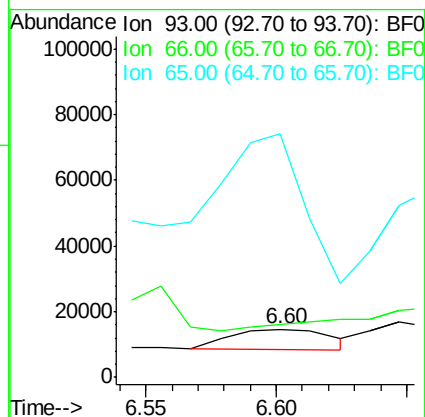
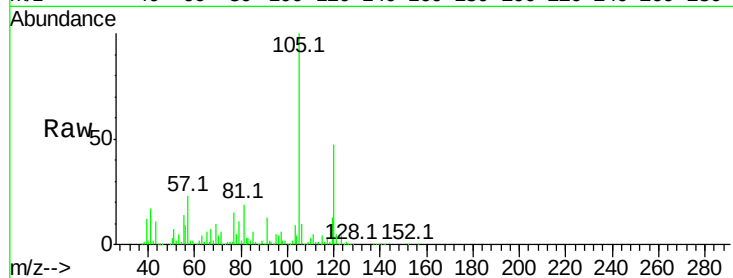
Tot Ion: 93 Resp: 16439

Ion Ratio Lower Upper

93 100

66 109.5 41.3 61.9#

65 506.3 20.8 31.2#



#7

Phenol-d6

Concen: 63.02 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

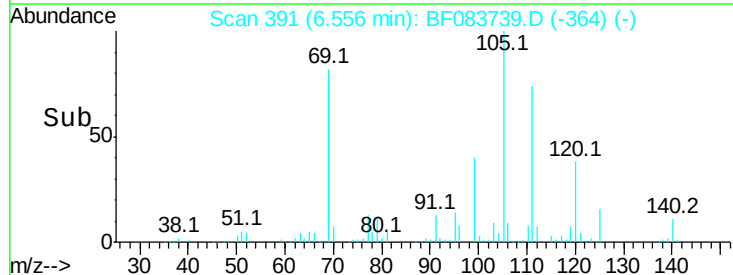
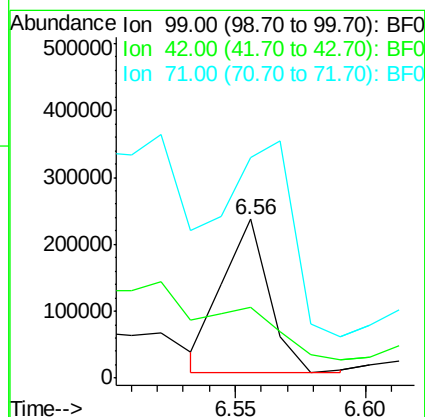
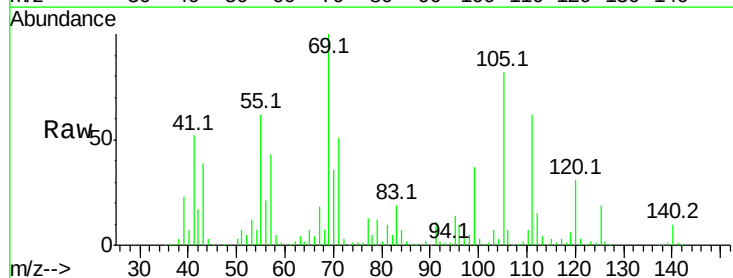
Tgt Ion: 99 Resp: 287585

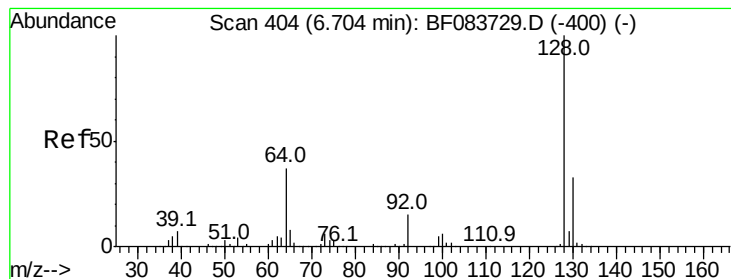
Ion Ratio Lower Upper

99 100

42 44.8 17.3 25.9#

71 139.2 26.6 40.0#





#8

2-Chlorophenol

Concen: 0.56 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.09 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

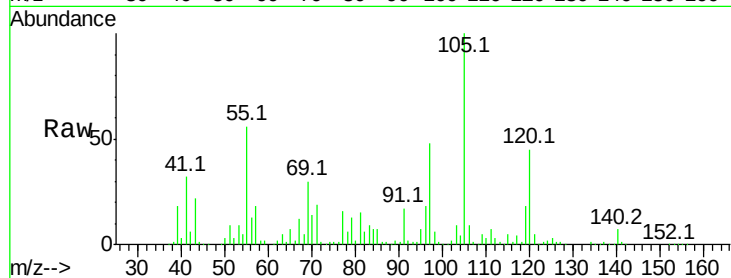
Tot Ion:128 Resp: 2363

Ion Ratio Lower Upper

128 100

130 0.0 12.6 52.6#

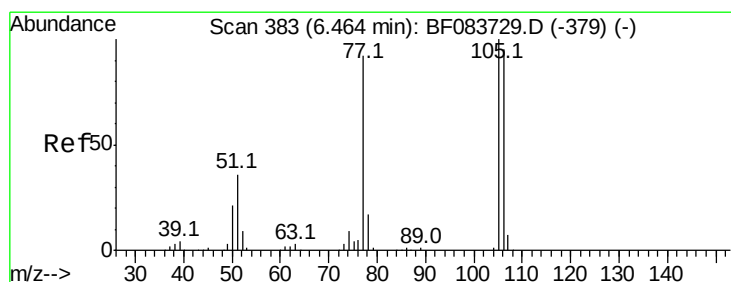
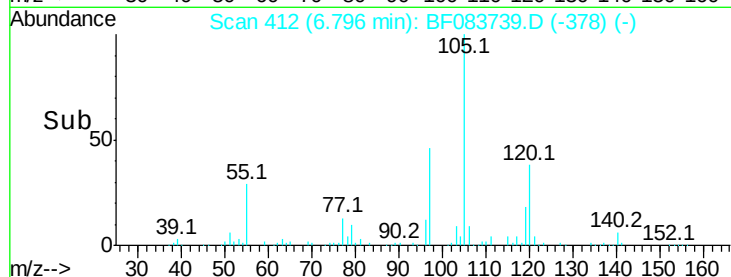
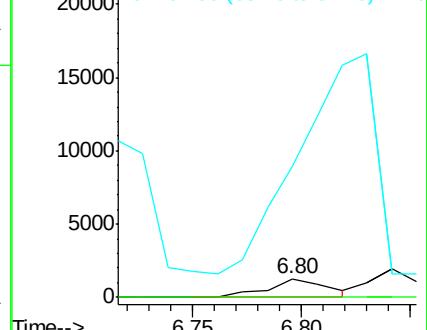
64 715.7 38.6 78.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 122.23 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

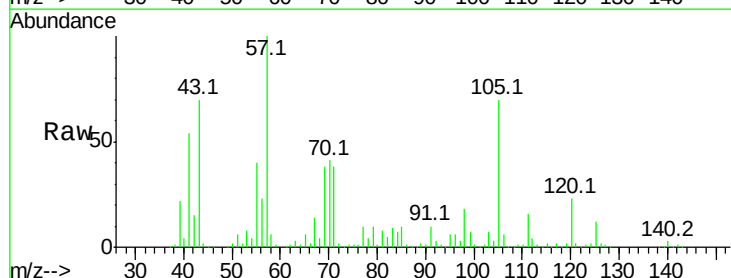
Tgt Ion: 77 Resp: 299585

Ion Ratio Lower Upper

77 100

105 664.9 71.8 111.8#

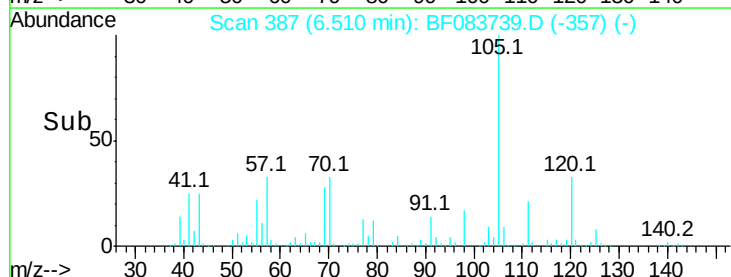
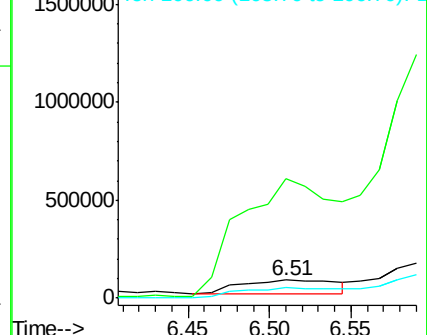
106 61.2 66.8 106.8#

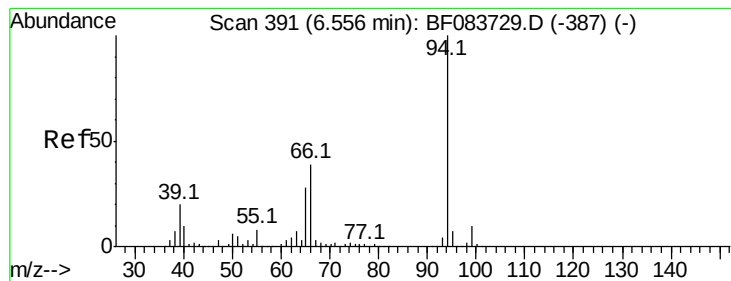


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.69 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampled :

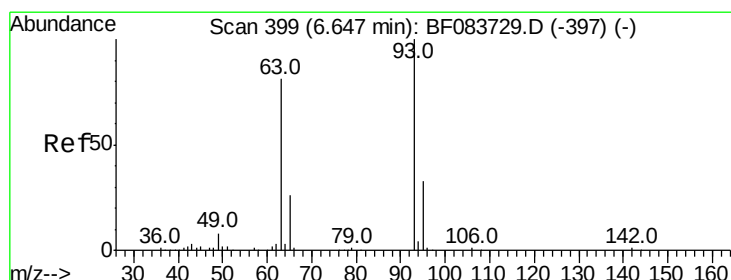
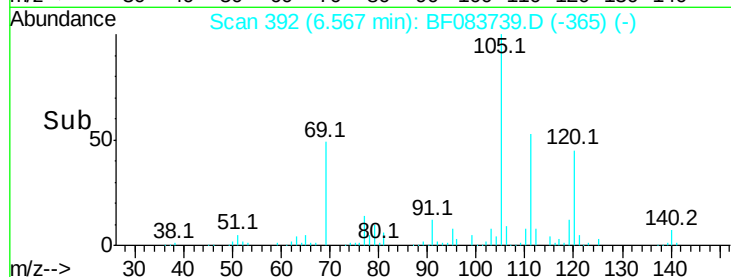
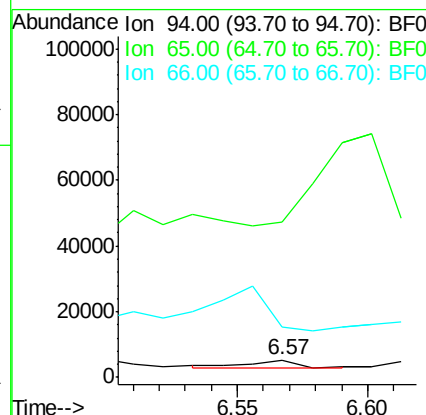
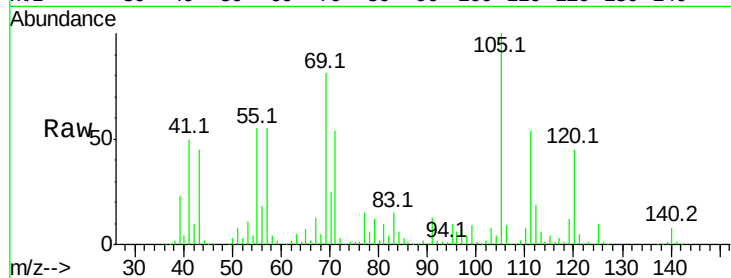
Tot Ion: 94 Resp: 3611

Ion Ratio Lower Upper

94 100

65 885.5 20.9 60.9#

66 286.2 41.6 81.6#



#11

bis(2-Chloroethyl)ether

Concen: 7.82 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

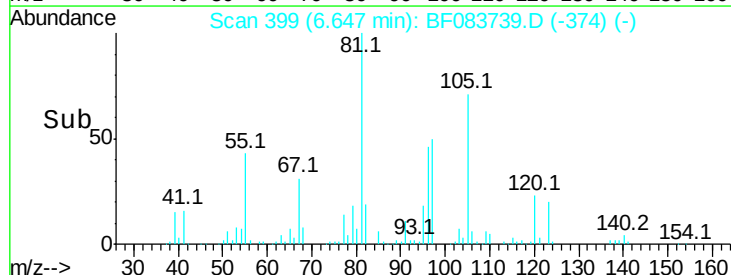
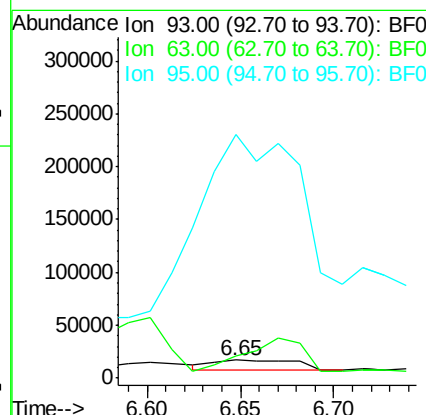
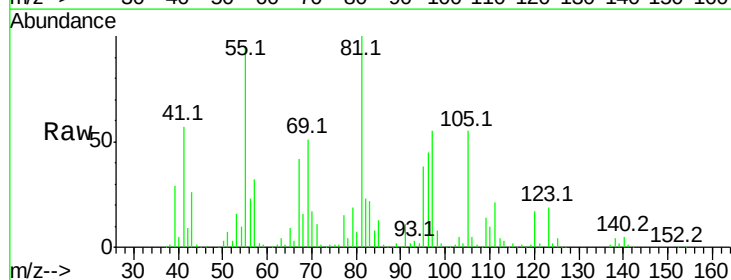
Tgt Ion: 93 Resp: 29756

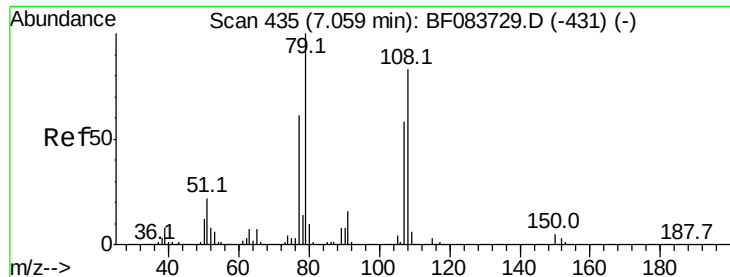
Ion Ratio Lower Upper

93 100

63 125.5 64.7 104.7#

95 1366.1 12.7 52.7#





#15

Benzyl Alcohol

Concen: 13.78 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

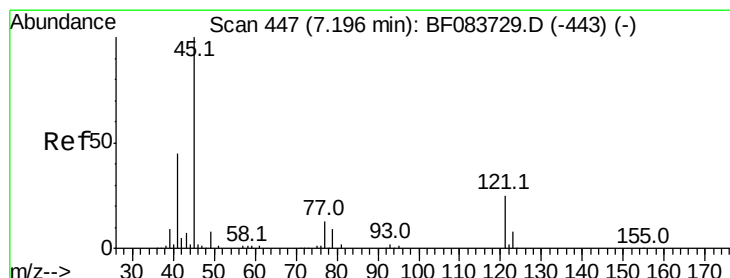
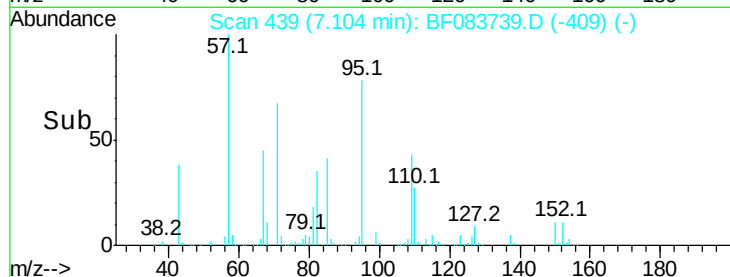
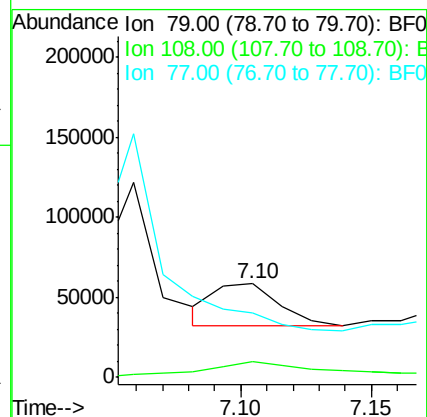
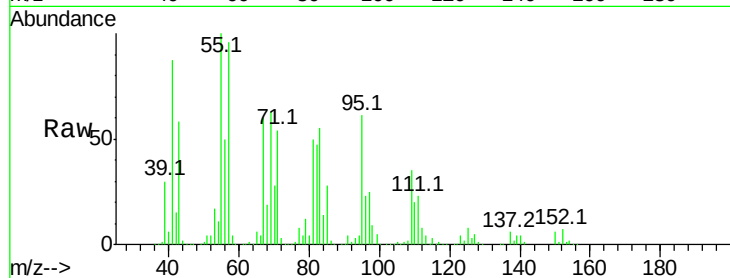
Tot Ion: 79 Resp: 46206

Ion Ratio Lower Upper

79 100

108 16.7 59.6 89.4#

77 68.6 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.32 ng

RT: 7.24 min Scan# 451

Delta R.T. 0.03 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

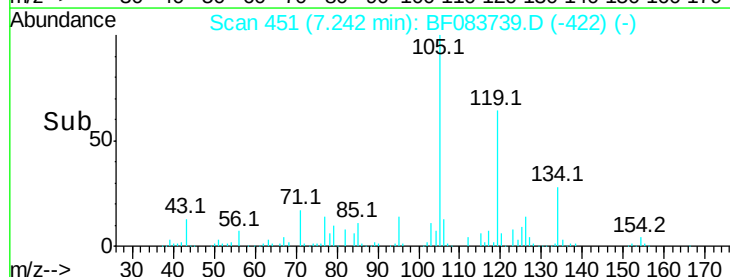
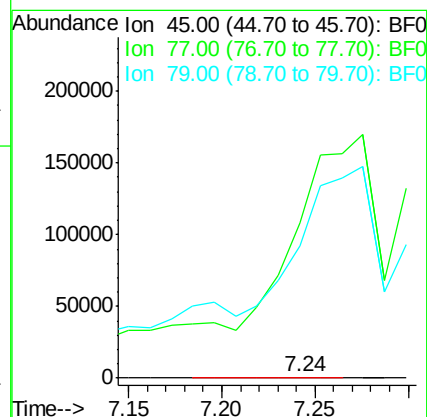
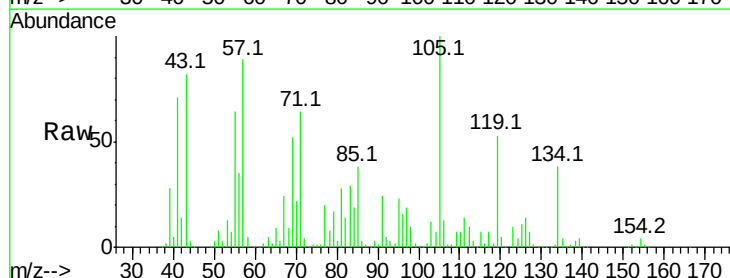
Tgt Ion: 45 Resp: 1565

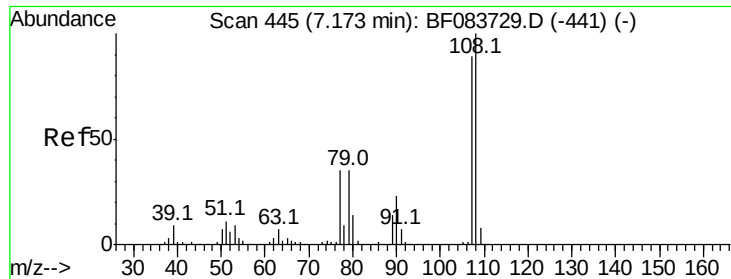
Ion Ratio Lower Upper

45 100

77 21038.8 12.8 52.8#

79 17944.2 10.7 50.7#

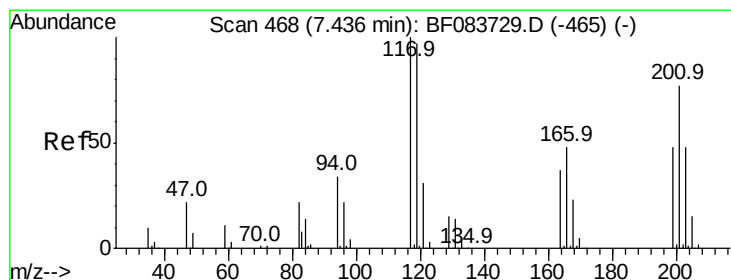
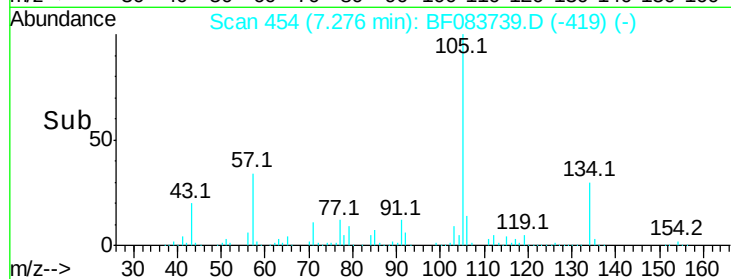
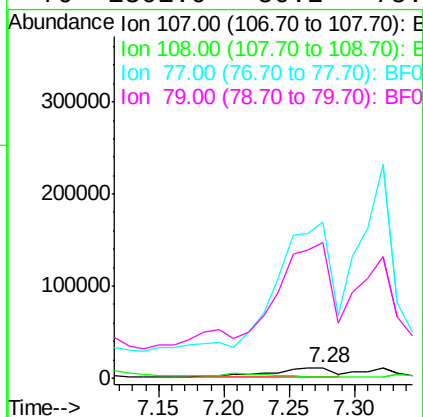
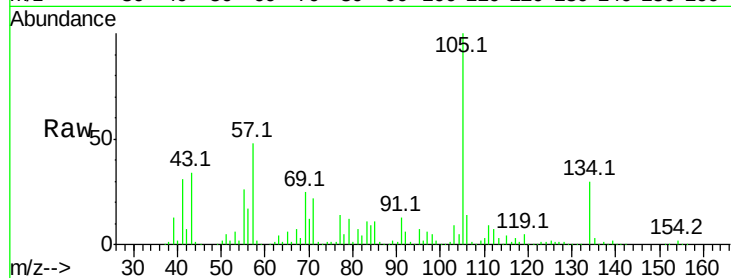




#17
2-Methylphenol
Concen: 8.77 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.10 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

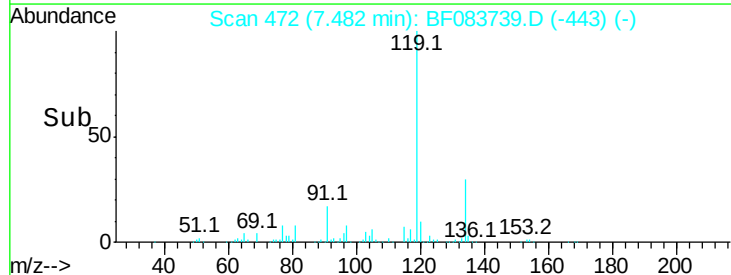
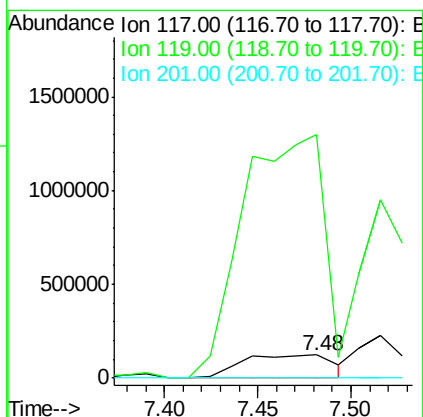
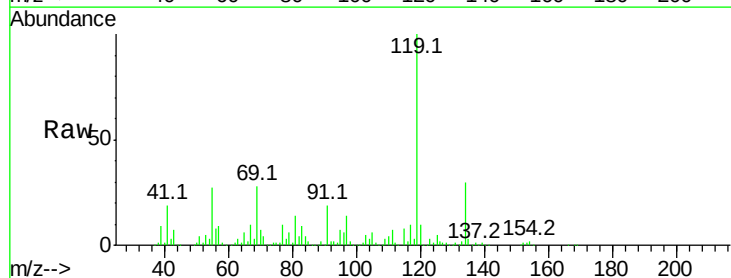
Instrument :
BNA_F
ClientSampleId :

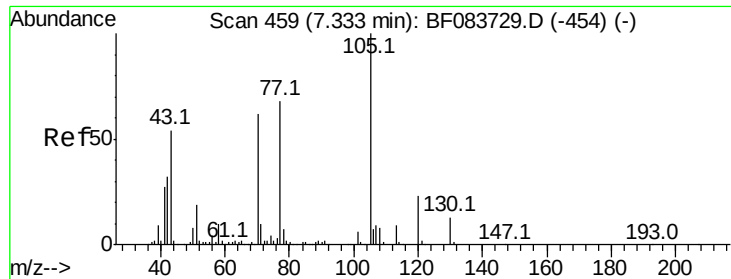
Tot Ion:107 Resp: 29858
Ion Ratio Lower Upper
107 100
108 14.4 91.6 137.4#
77 1499.1 53.7 80.5#
79 1301.9 50.2 75.4#



#18
Hexachloroethane
Concen: 260.39 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.03 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:117 Resp: 419966
Ion Ratio Lower Upper
117 100
119 1044.1 77.2 115.8#
201 0.0 86.8 130.2#

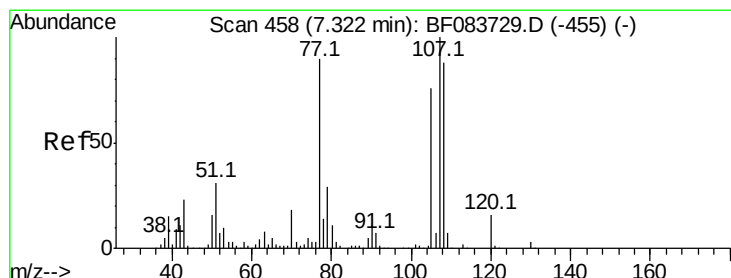
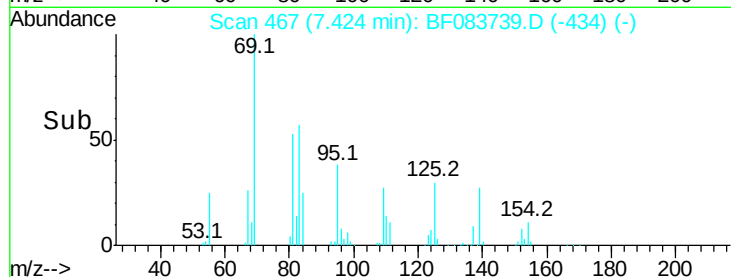
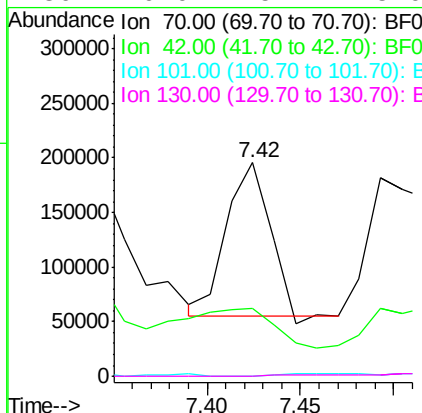
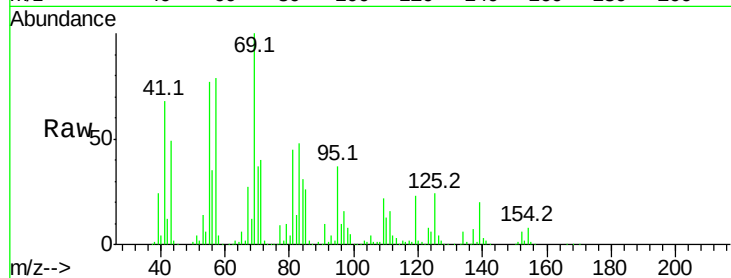




#19
n-Nitroso-di-n-propylamine
Concen: 80.93 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.08 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

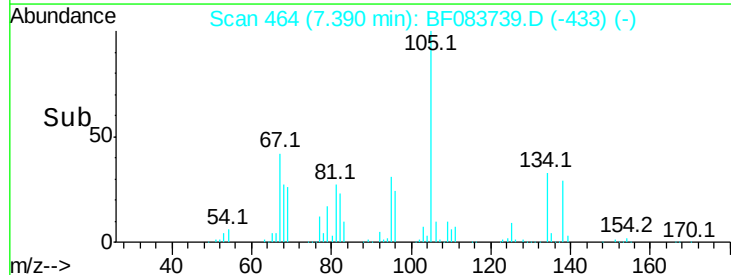
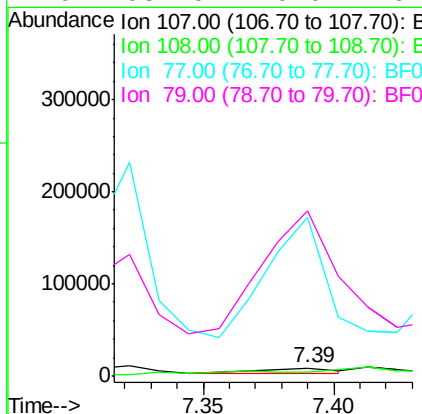
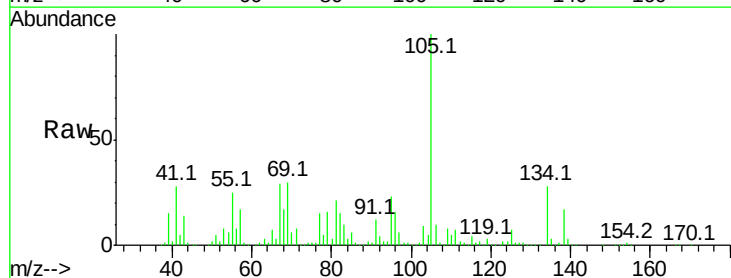
Instrument :
BNA_F
ClientSampled :

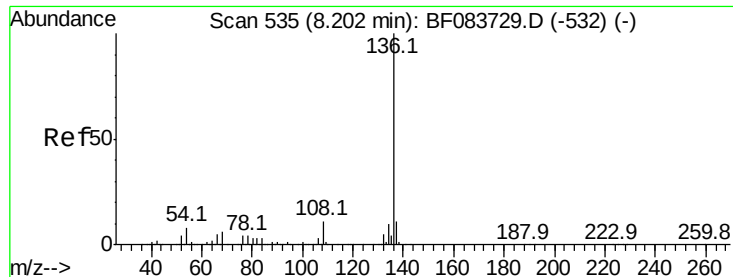
Tot Ion: 70 Resp: 226163
Ion Ratio Lower Upper
70 100
42 31.7 49.2 73.8#
101 0.2 7.1 10.7#
130 0.0 15.4 23.0#



#20
3+4-Methylphenols
Concen: 2.78 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.06 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:107 Resp: 11161
Ion Ratio Lower Upper
107 100
108 52.1 65.2 105.2#
77 1953.0 15.2 55.2#
79 2037.9 6.0 46.0#

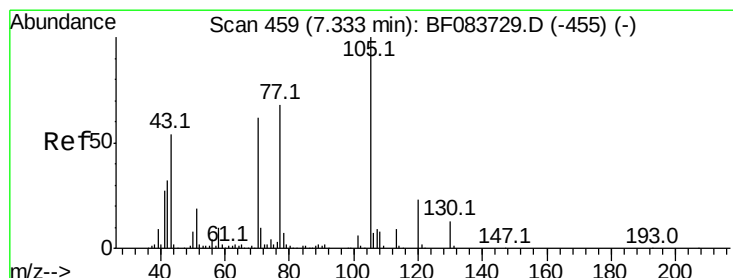
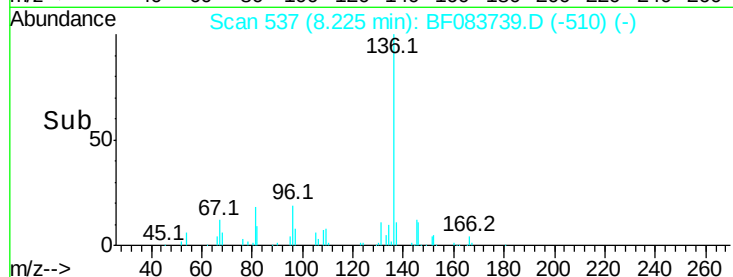
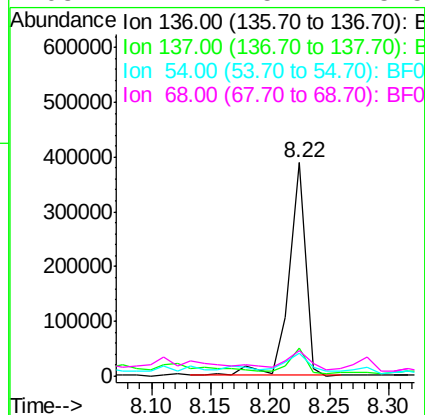
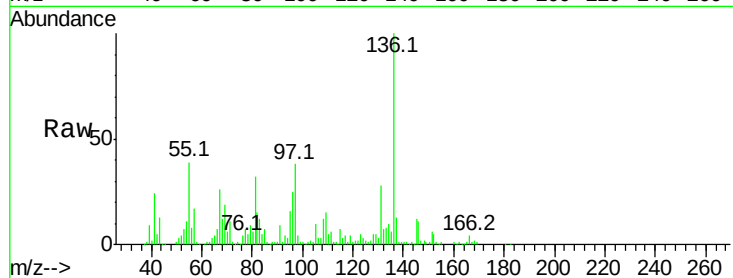




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

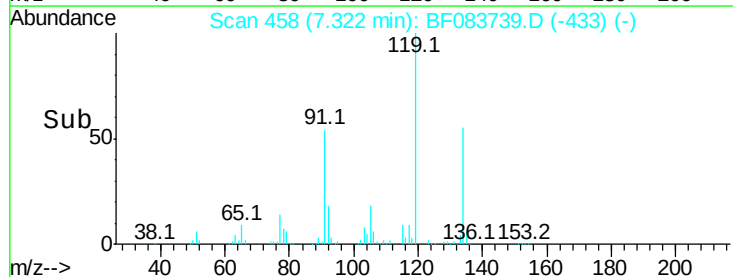
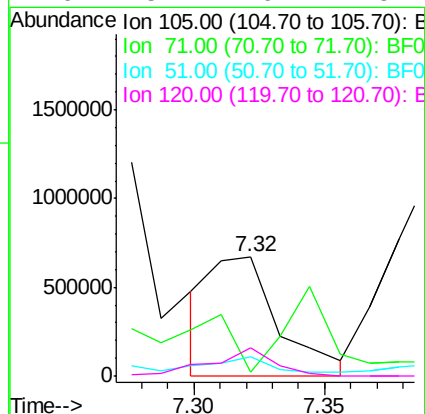
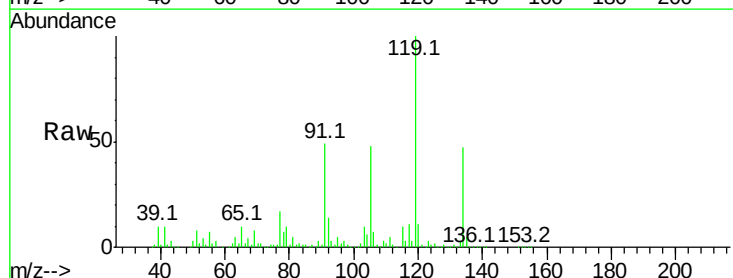
Instrument :
BNA_F
ClientSampled :

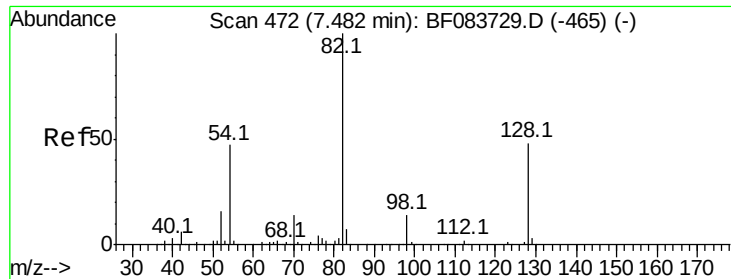
Tot Ion:	136	Resp:	371281
Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.7	13.1
54	10.5	7.8	11.6
68	11.7	5.7	8.5#



#22
Acetophenone
Concen: 133.73 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:	105	Resp:	1218013
Ion	Ratio	Lower	Upper
105	100		
71	3.7	1.3	1.9#
51	15.9	23.8	35.8#
120	23.2	16.7	25.1

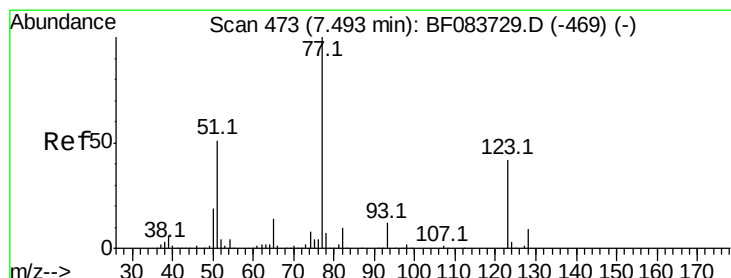
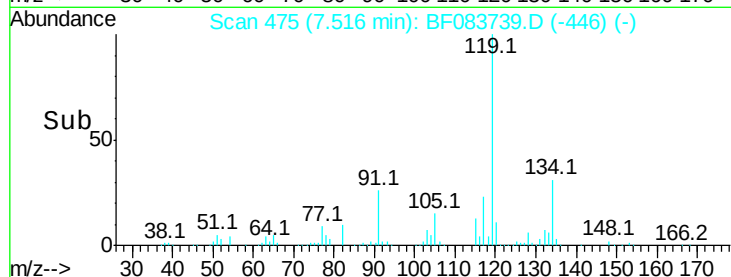
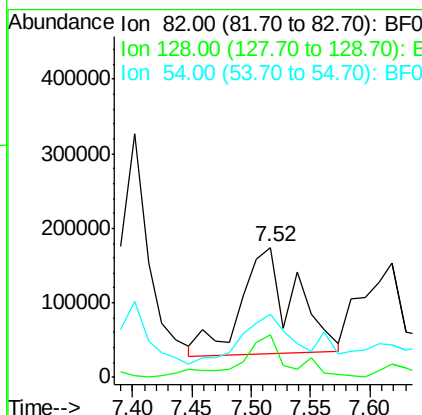
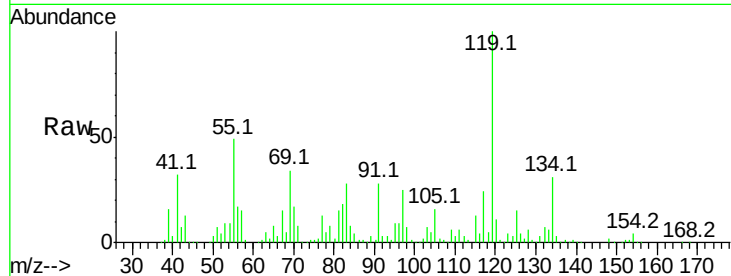




#23
Nitrobenzene-d5
Concen: 68.32 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.03 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

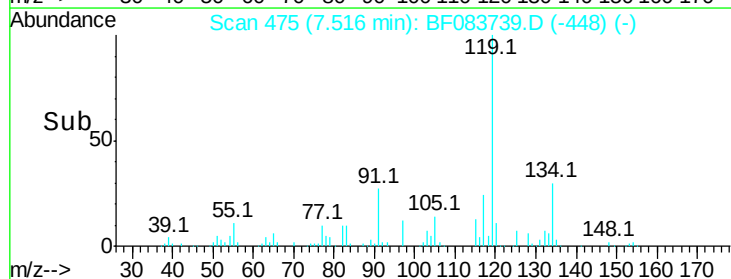
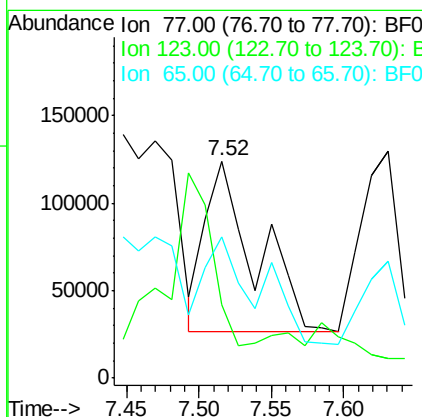
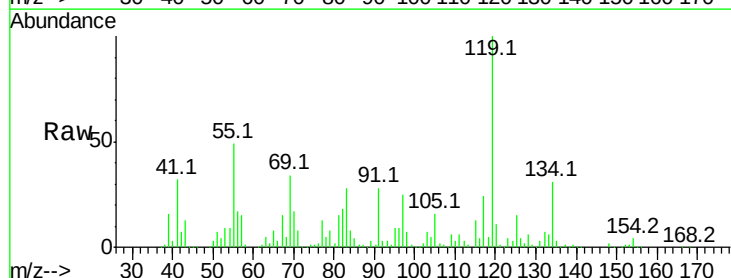
Instrument :
BNA_F
ClientSampleId :

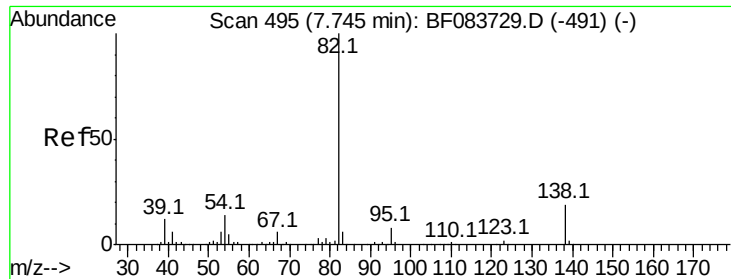
Tot Ion: 82 Resp: 453360
Ion Ratio Lower Upper
82 100
128 32.6 30.7 46.1
54 48.0 42.5 63.7



#24
Nitrobenzene
Concen: 34.22 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion: 77 Resp: 236352
Ion Ratio Lower Upper
77 100
123 33.5 29.8 44.6
65 64.9 11.1 16.7#





#25

Isophorone

Concen: 19.88 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

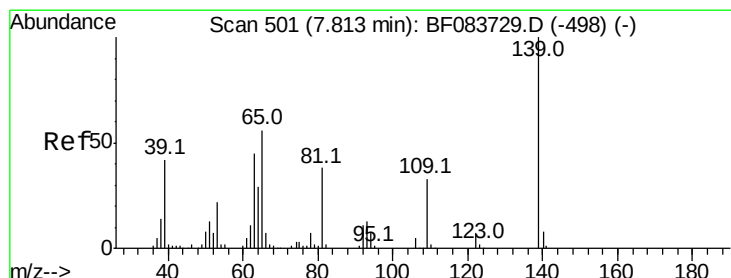
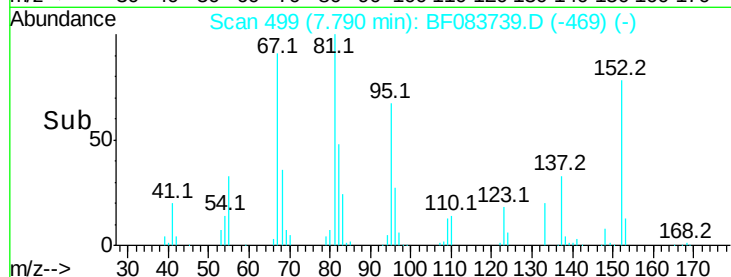
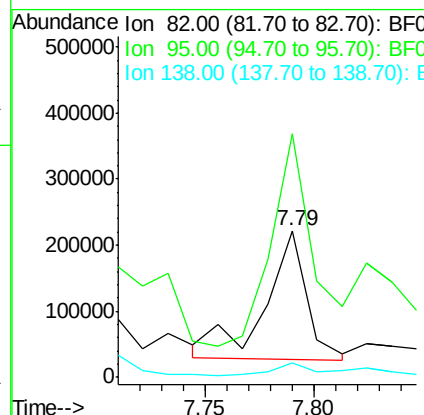
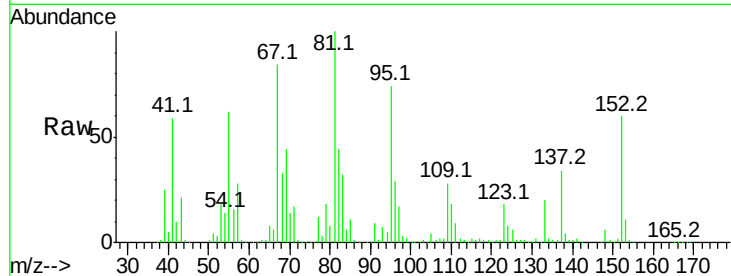
Tot Ion: 82 Resp: 258818

Ion Ratio Lower Upper

82 100

95 166.4 5.0 7.4#

138 9.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 7.97 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

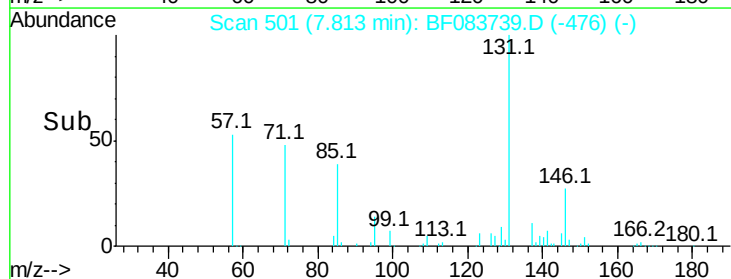
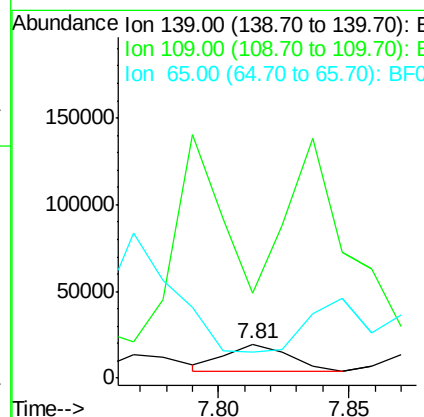
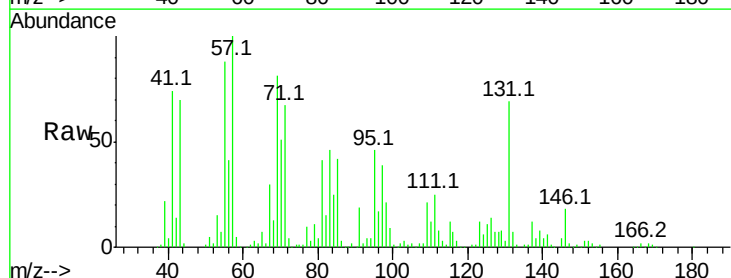
Tgt Ion: 139 Resp: 26436

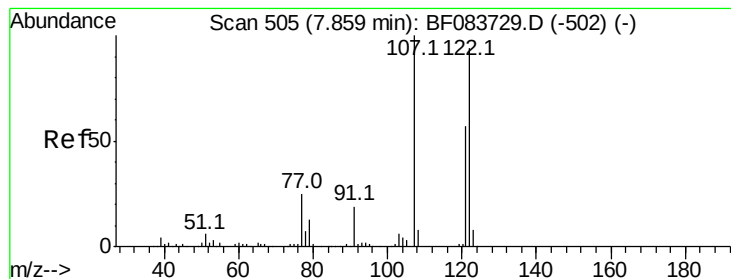
Ion Ratio Lower Upper

139 100

109 249.6 22.7 34.1#

65 78.5 51.8 77.8#





#27

2,4-Dimethylphenol

Concen: 0.73 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

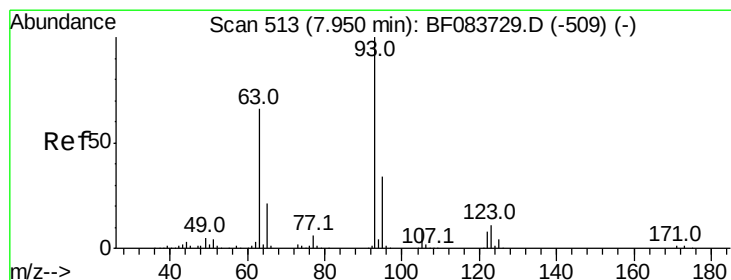
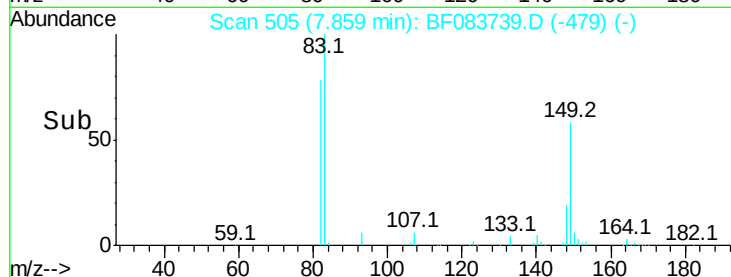
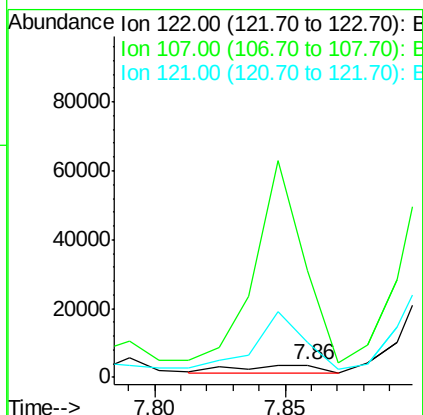
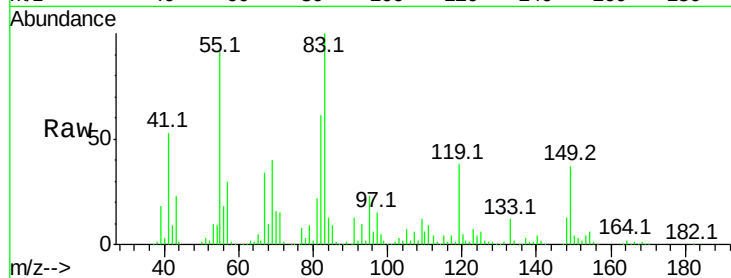
Tot Ion:122 Resp: 4766

Ion Ratio Lower Upper

122 100

107 868.5 92.4 138.6#

121 280.8 45.8 68.6#



#28

bis(2-Chloroethoxy)methane

Concen: 27.36 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.21 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

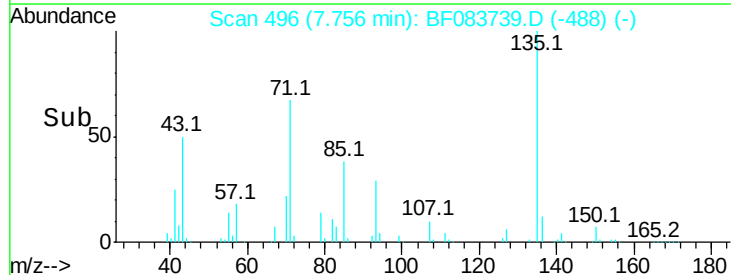
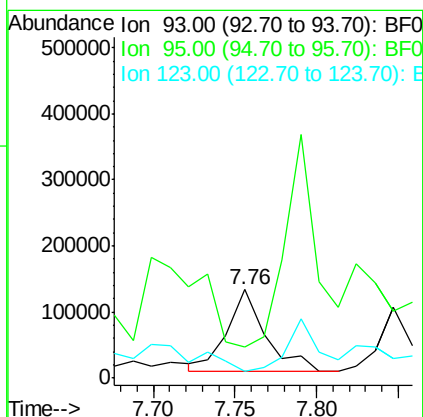
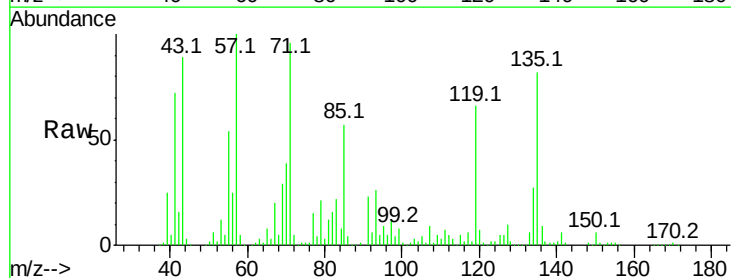
Tgt Ion: 93 Resp: 203246

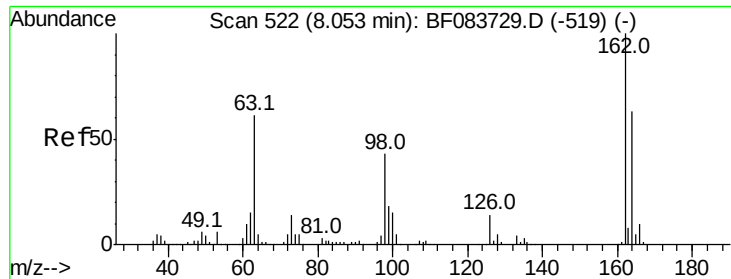
Ion Ratio Lower Upper

93 100

95 35.3 25.6 38.4

123 8.4 7.3 10.9

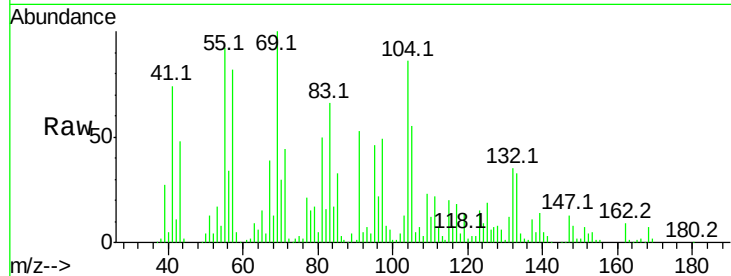




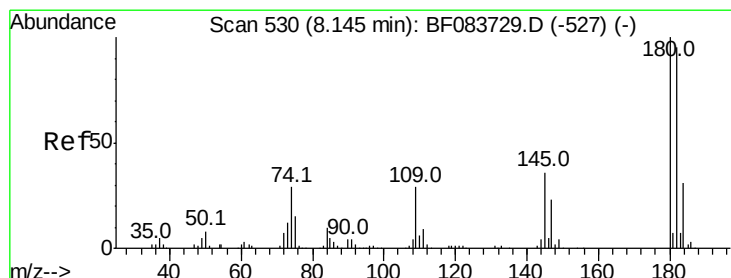
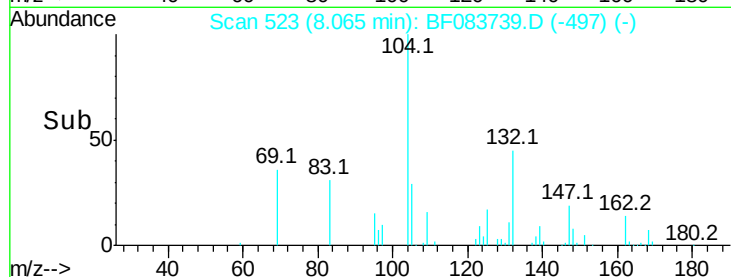
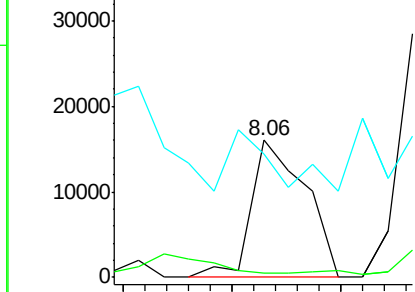
#29
2,4-Dichlorophenol
Concen: 5.23 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 28014
Ion Ratio Lower Upper
162 100
164 3.1 43.4 83.4#
98 89.5 17.5 57.5#

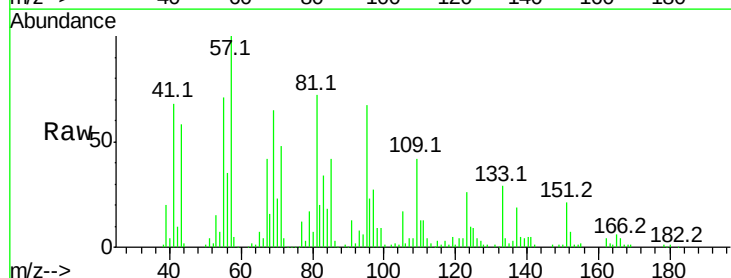


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

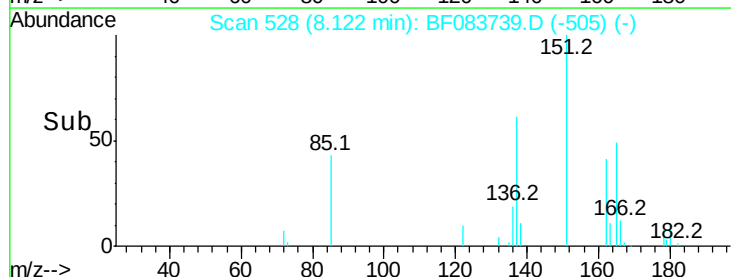
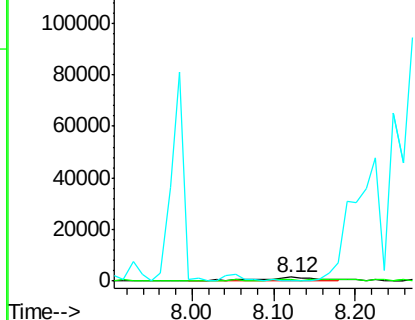


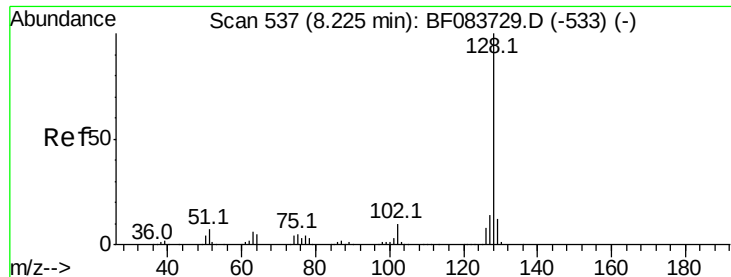
#30
1,2,4-Trichlorobenzene
Concen: 1.26 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.03 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:180 Resp: 6984
Ion Ratio Lower Upper
180 100
182 32.5 74.9 112.3#
145 0.0 24.7 37.1#



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

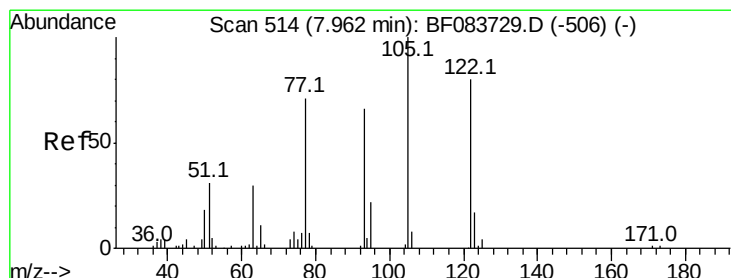
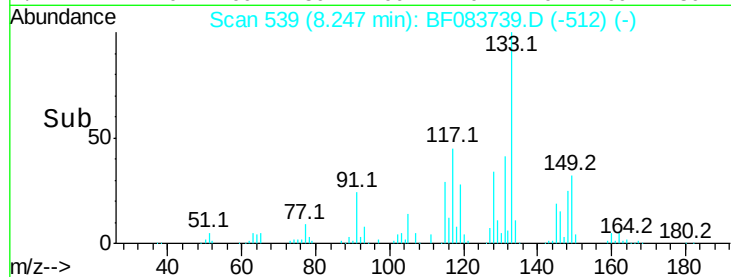
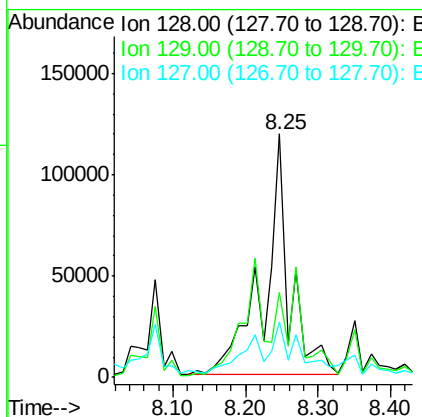
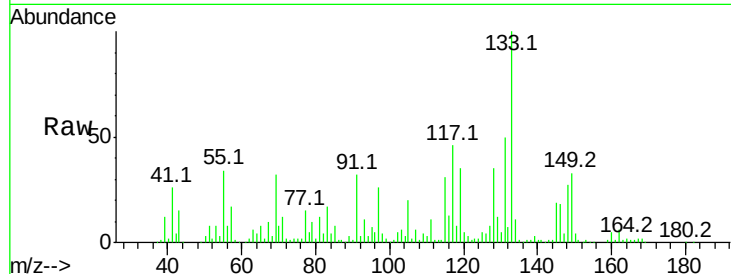




#31
Naphthalene
Concen: 15.07 ng
RT: 8.25 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

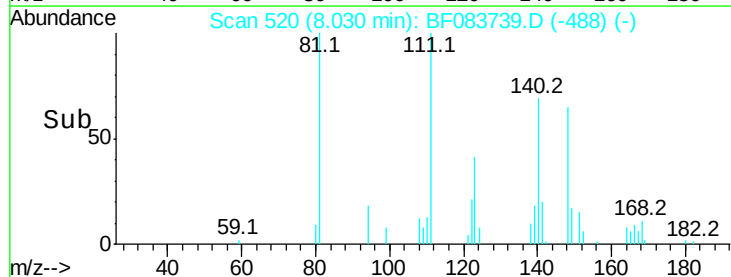
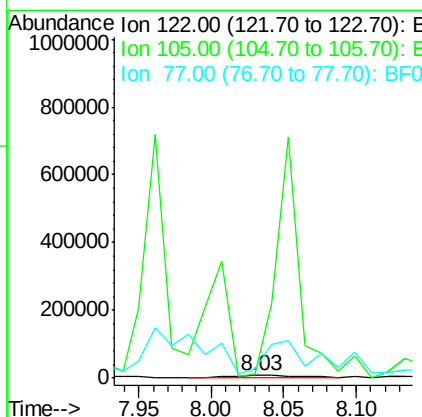
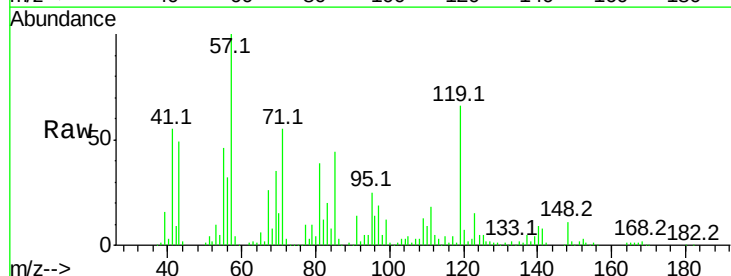
Instrument :
BNA_F
ClientSampleId :

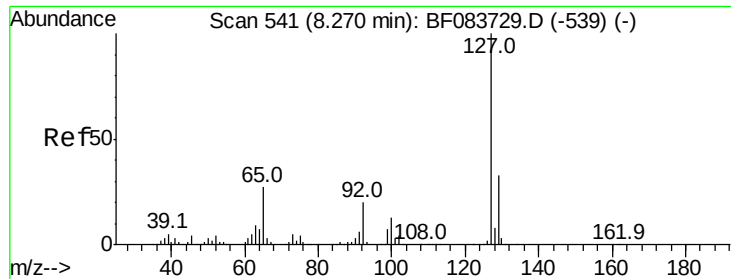
Tot Ion:128 Resp: 291669
Ion Ratio Lower Upper
128 100
129 35.1 8.6 13.0#
127 22.7 10.6 16.0#



#32
Benzoic acid
Concen: 5.43 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.07 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:122 Resp: 22057
Ion Ratio Lower Upper
122 100
105 163.4 105.6 145.6#
77 367.4 86.8 126.8#

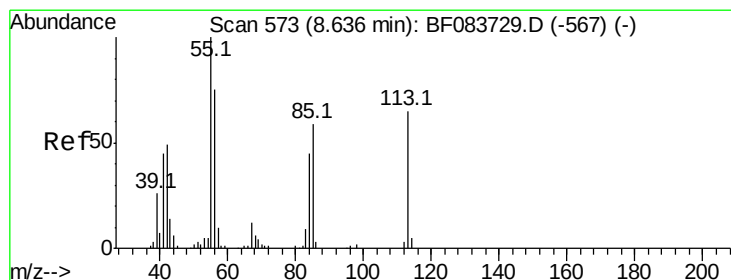
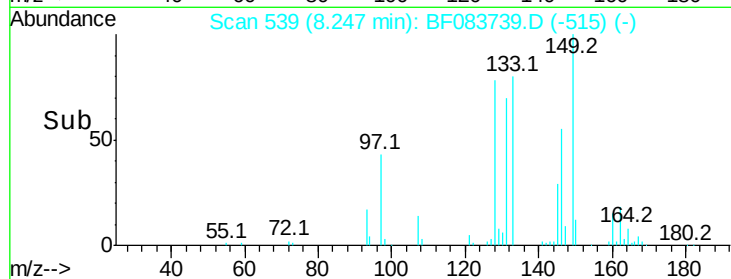
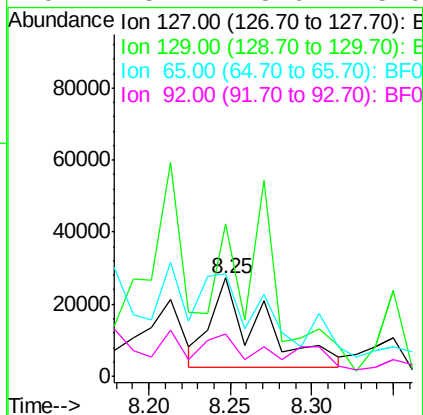
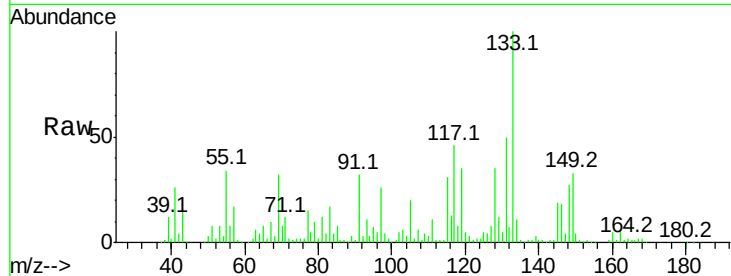




#33
4-Chloroaniline
Concen: 6.76 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

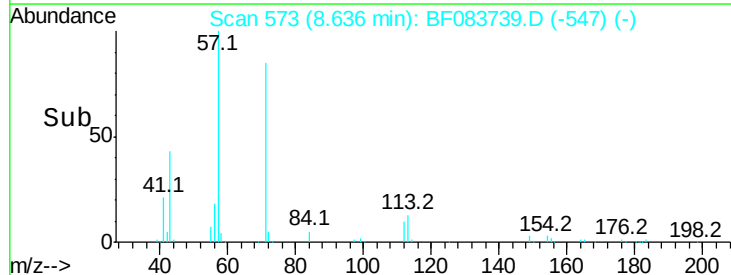
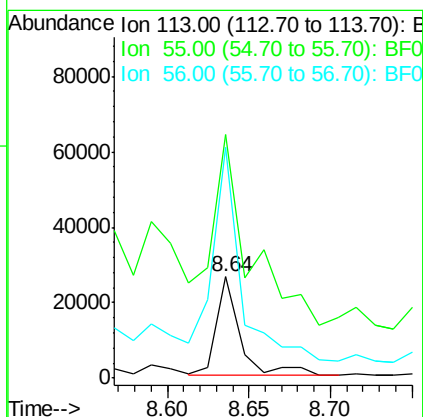
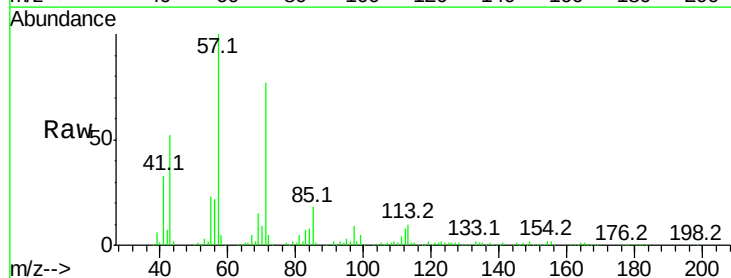
Instrument :
BNA_F
ClientSampled :

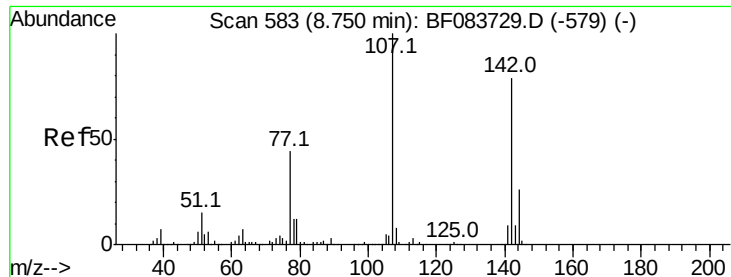
Tot Ion:127	Resp:	53404
Ion Ratio	Lower	Upper
127	100	
129	154.8	26.1 39.1#
65	104.8	33.5 50.3#
92	43.7	18.6 28.0#



#35
Caprolactam
Concen: 15.17 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:113	Resp:	26081
Ion Ratio	Lower	Upper
113	100	
55	240.8	189.7 229.7#
56	228.9	130.7 170.7#

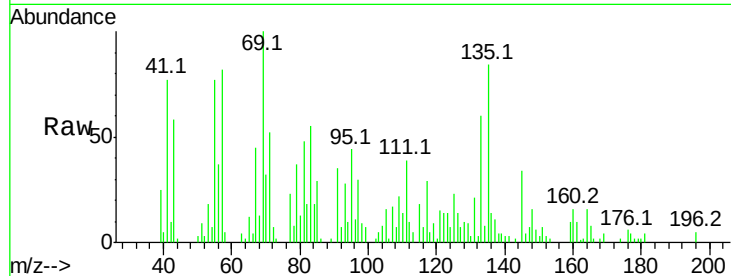




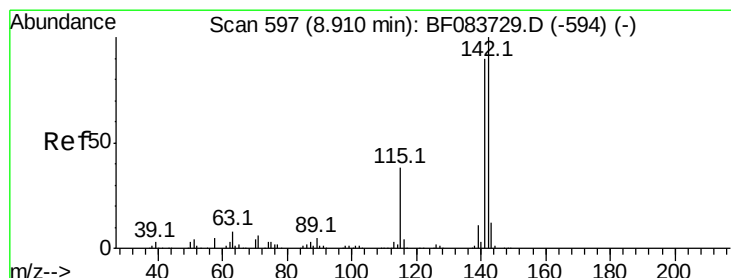
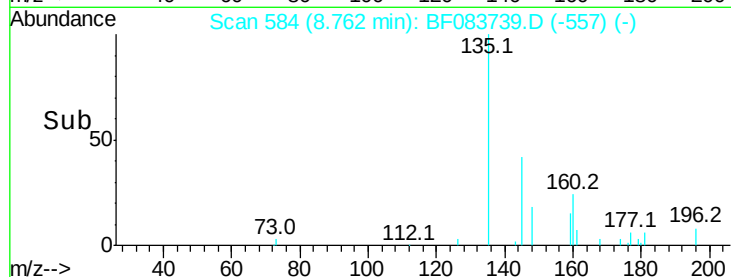
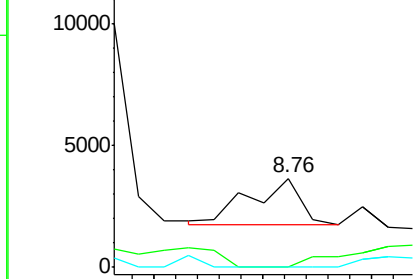
#36
 4-Chloro-3-methylphenol
 Concen: 0.50 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 3119
 Ion Ratio Lower Upper
 107 100
 144 0.0 17.5 26.3#
 142 0.0 53.6 80.4#

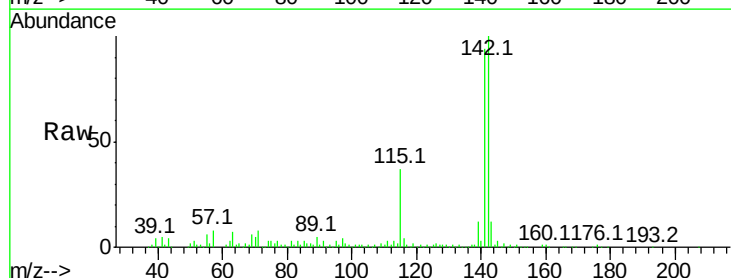


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

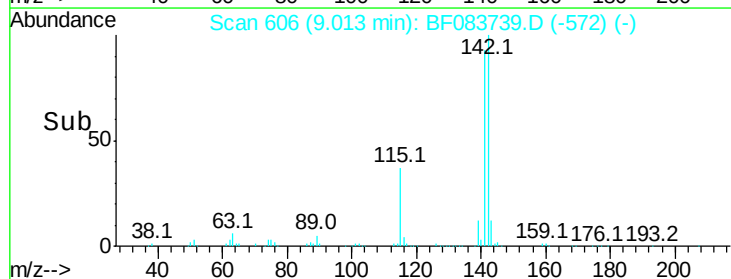
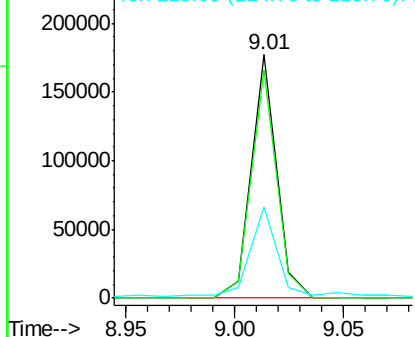


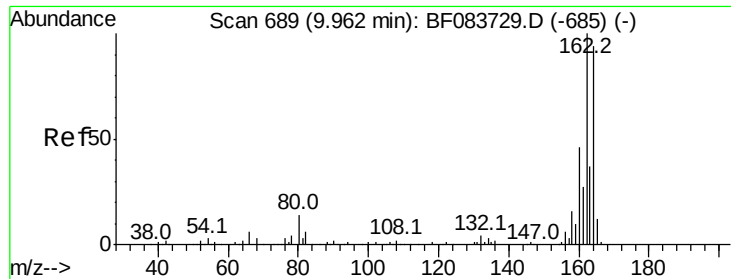
#37
 2-Methylnaphthalene
 Concen: 11.80 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.09 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Tgt Ion:142 Resp: 143318
 Ion Ratio Lower Upper
 142 100
 141 93.8 70.3 105.5
 115 37.3 29.2 43.8



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

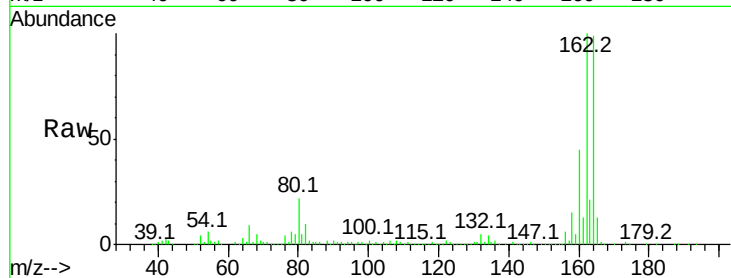
Tot Ion:164 Resp: 222032

Ion Ratio Lower Upper

164 100

162 101.3 78.8 118.2

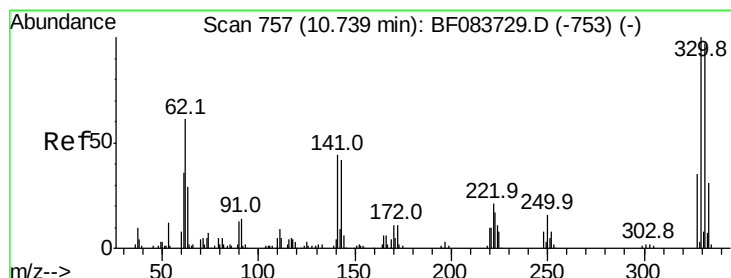
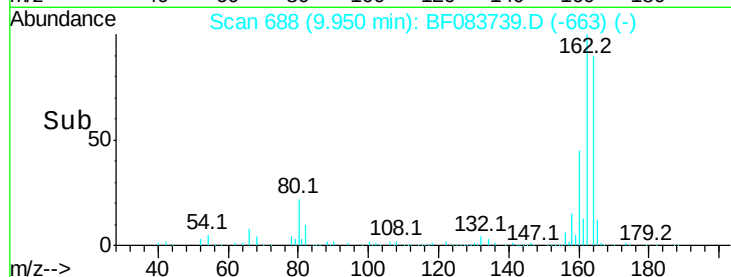
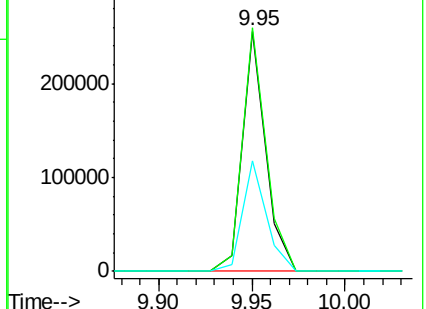
160 45.7 33.4 50.2



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



#41

2,4,6-Tribromophenol

Concen: 94.96 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

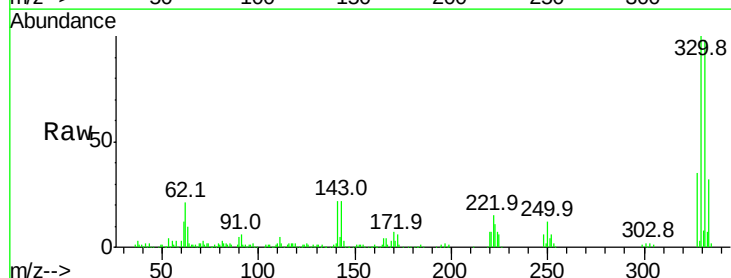
Tgt Ion:330 Resp: 214850

Ion Ratio Lower Upper

330 100

332 97.4 0.0 0.0#

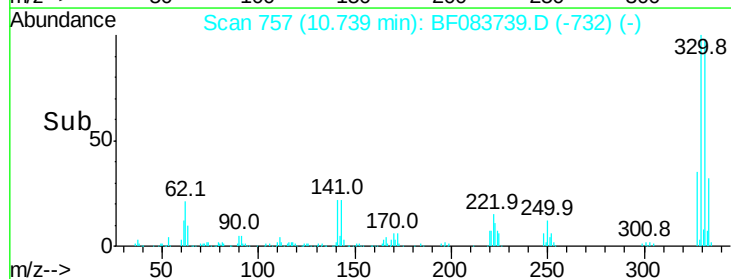
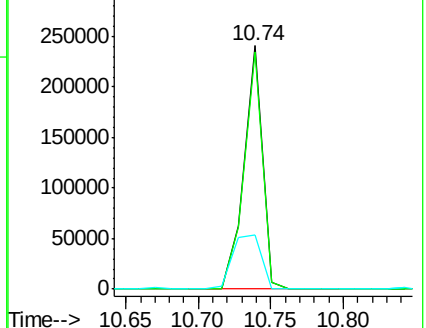
141 34.6 0.0 0.0#

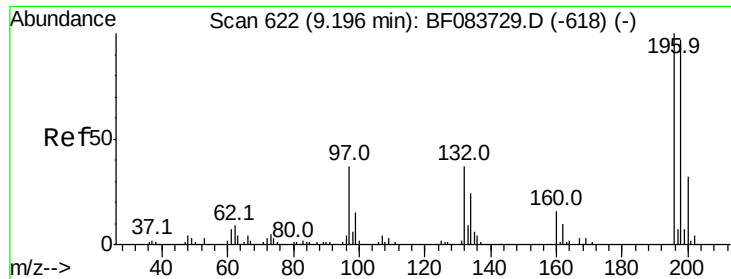


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

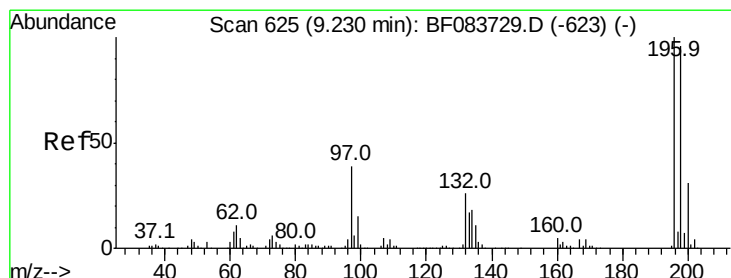
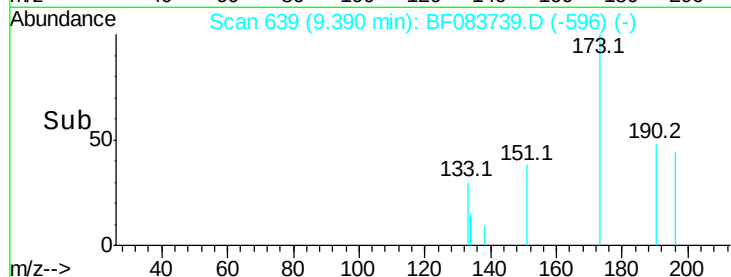
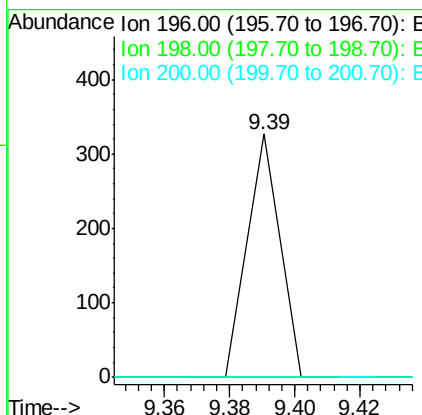
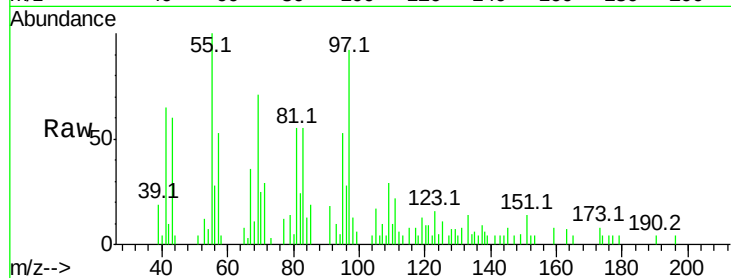




#42
 2,4,6-Trichlorophenol
 Concen: 0.05 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.19 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

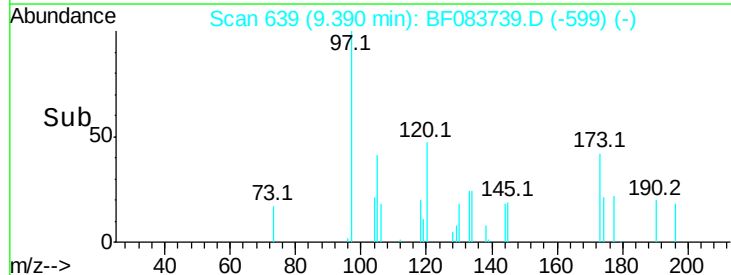
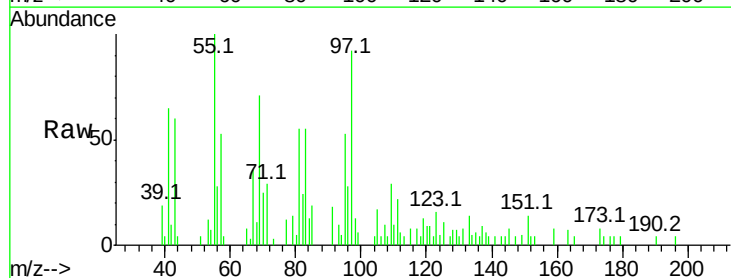
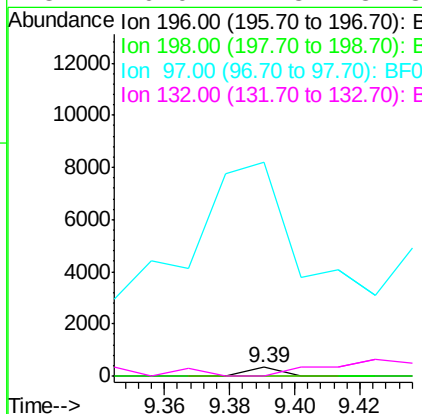
Instrument :
 BNA_F
 ClientSampleId :

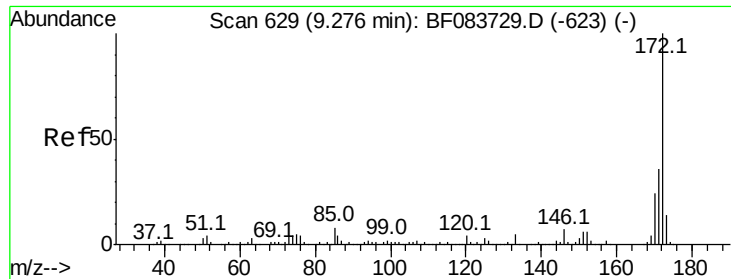
Tot Ion:196 Resp: 224
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.2 112.8#
 200 0.0 23.0 34.6#



#43
 2,4,5-Trichlorophenol
 Concen: 0.05 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.16 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Tgt Ion:196 Resp: 224
 Ion Ratio Lower Upper
 196 100
 198 0.0 77.7 116.5#
 97 2505.5 41.2 61.8#
 132 0.0 21.8 32.8#

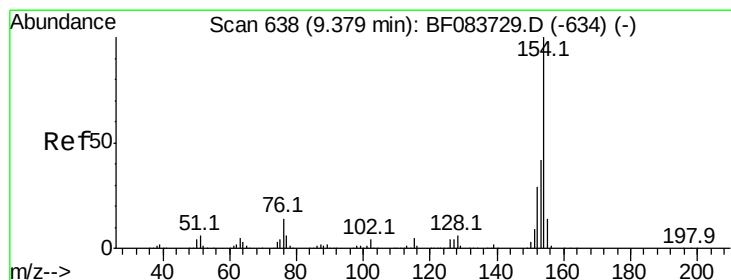
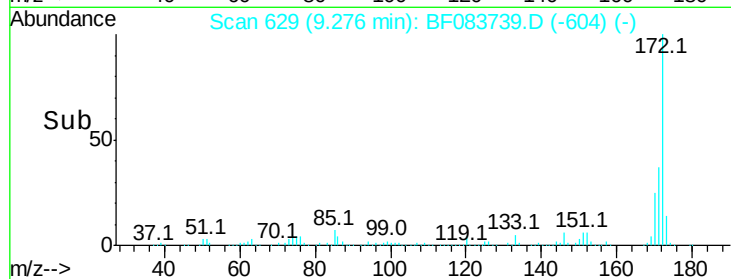
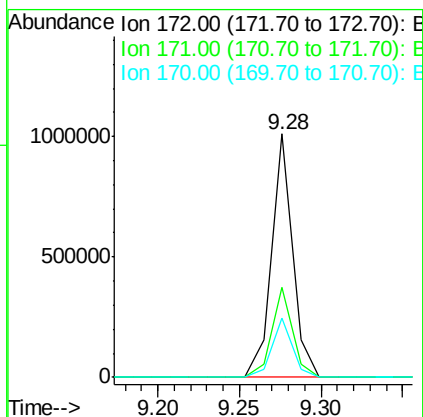
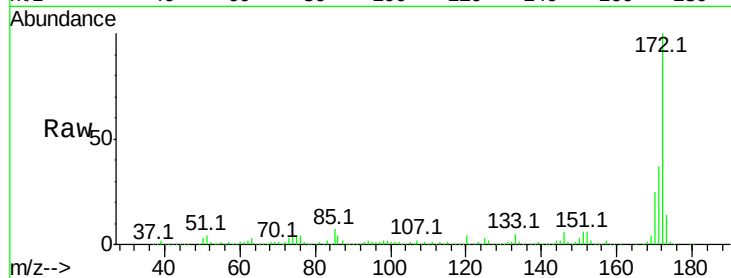




#44
2-Fluorobiphenyl
Concen: 54.04 ng
RT: 9.28 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

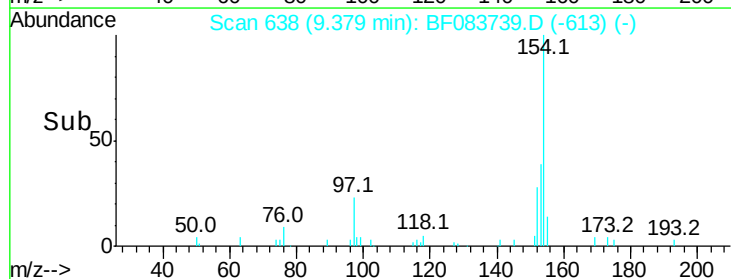
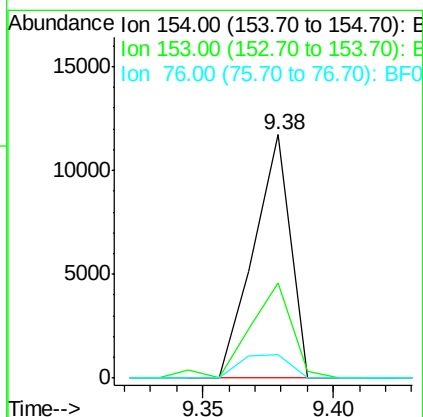
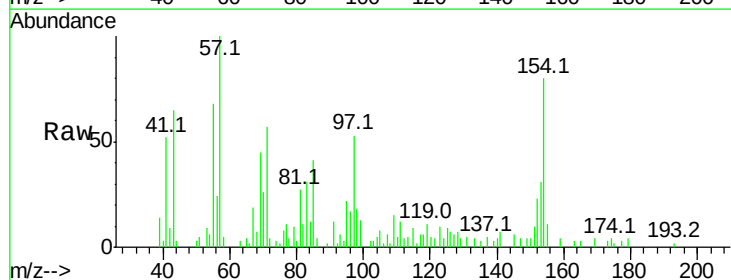
Instrument :
BNA_F
ClientSampled :

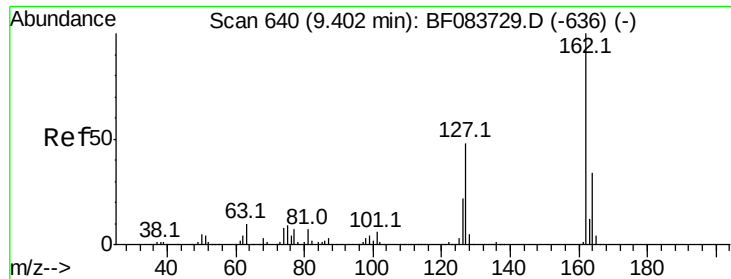
Tot Ion:172 Resp: 908290
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 24.6 19.4 29.0



#45
1,1'-Biphenyl
Concen: 0.59 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:154 Resp: 11573
Ion Ratio Lower Upper
154 100
153 38.8 20.2 60.2
76 9.4 0.0 34.8

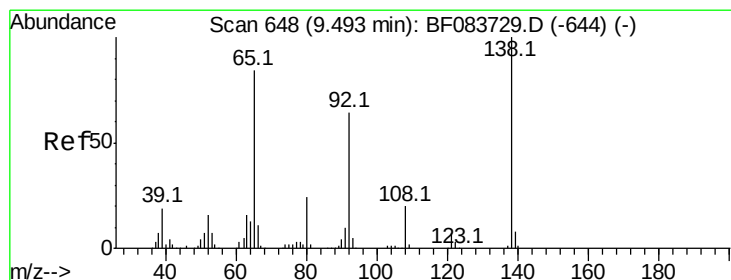
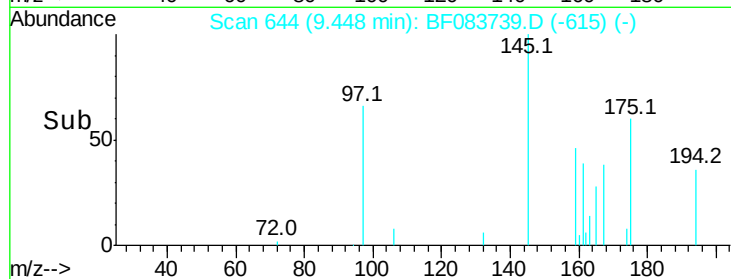
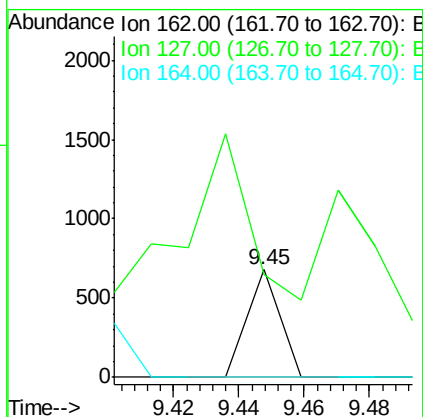
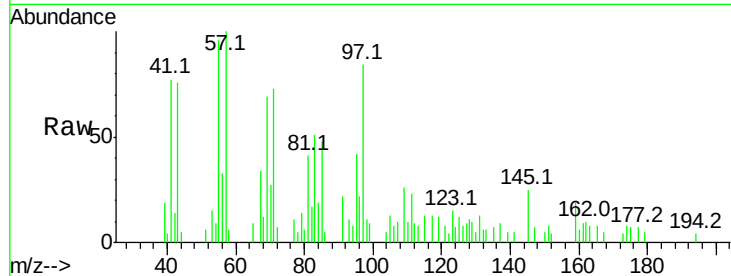




#46
2-Chloronaphthalene
Concen: 0.03 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.03 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

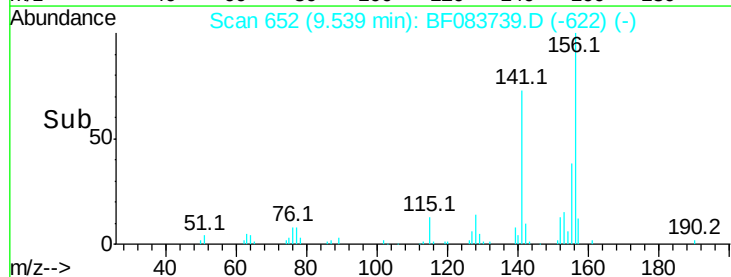
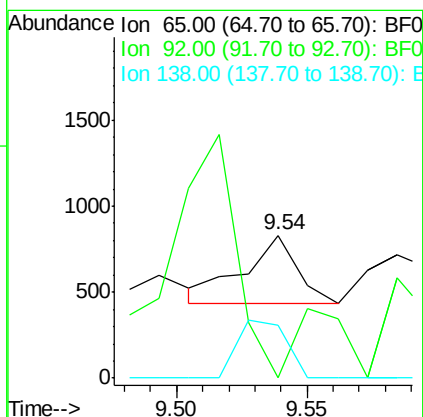
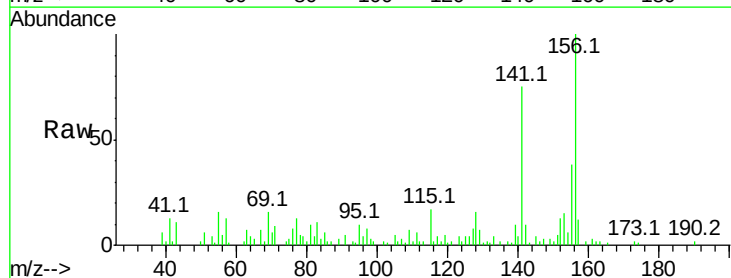
Instrument :
BNA_F
ClientSampleId :

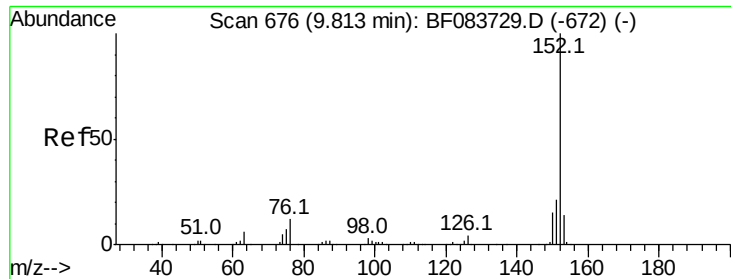
Tot Ion: 162 Resp: 465
Ion Ratio Lower Upper
162 100
127 95.6 31.0 46.4#
164 0.0 27.4 41.0#



#47
2-Nitroaniline
Concen: 0.14 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.05 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion: 65 Resp: 572
Ion Ratio Lower Upper
65 100
92 0.0 49.6 74.4#
138 37.4 64.1 96.1#





#48

Acenaphthylene

Concen: 0.08 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

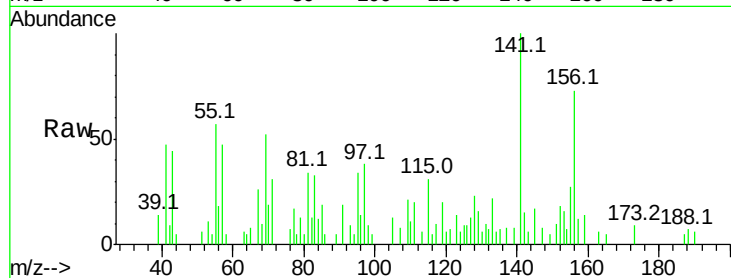
Tot Ion:152 Resp: 1935

Ion Ratio Lower Upper

152 100

151 56.8 16.3 24.5#

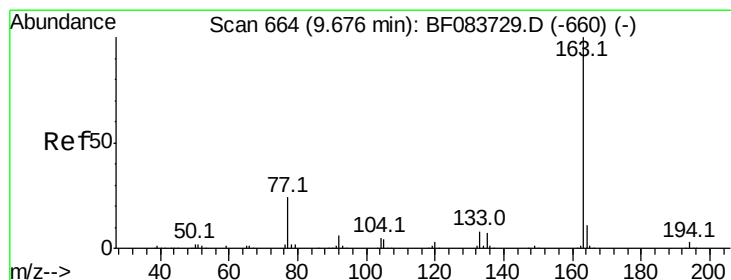
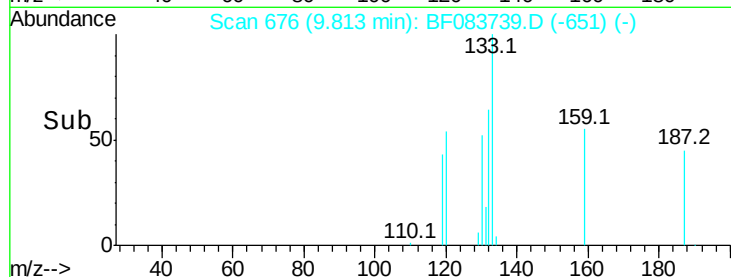
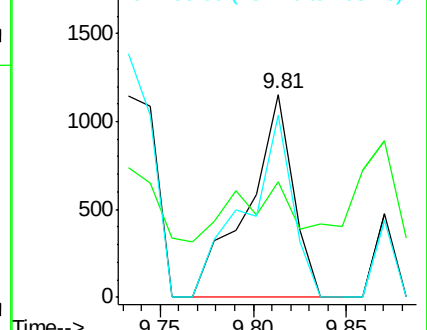
153 89.9 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 9.68 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

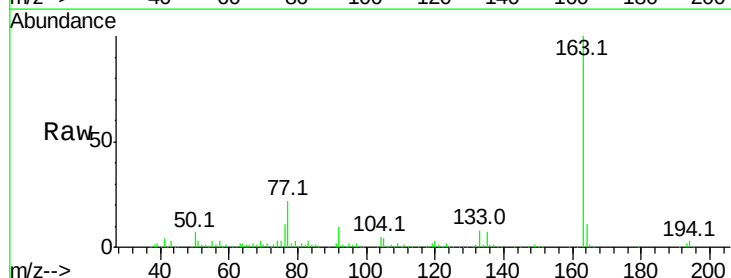
Tgt Ion:163 Resp: 167559

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

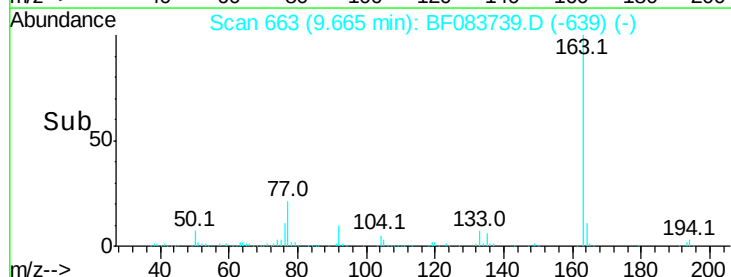
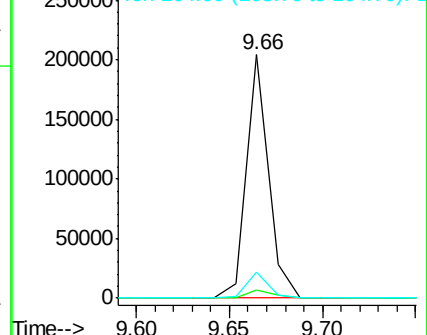
164 10.6 8.6 13.0

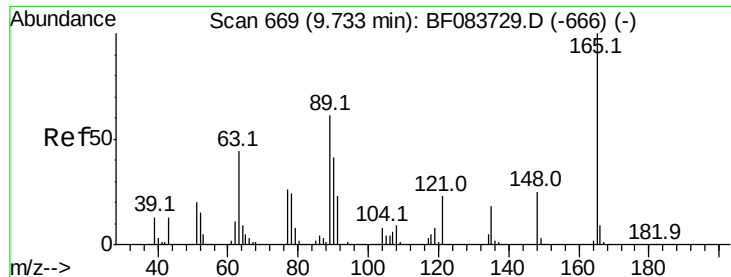


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

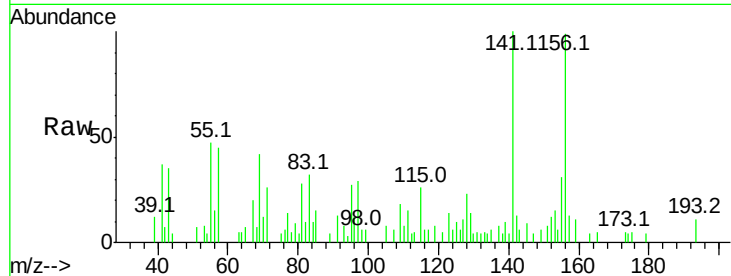




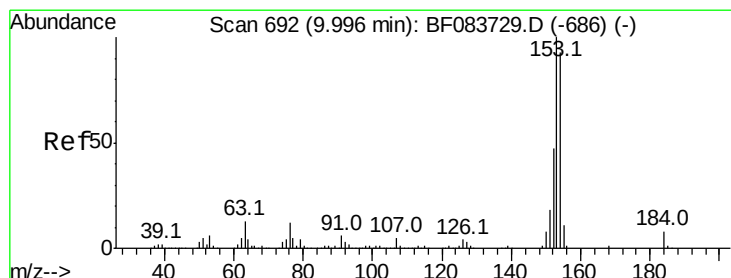
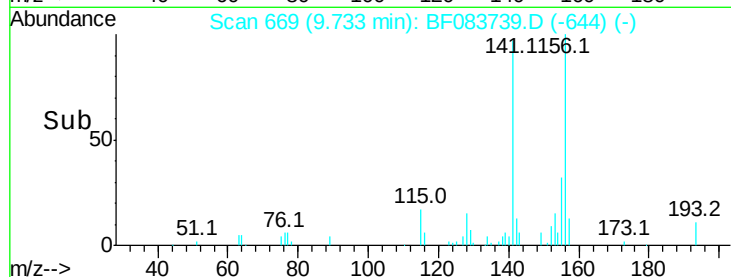
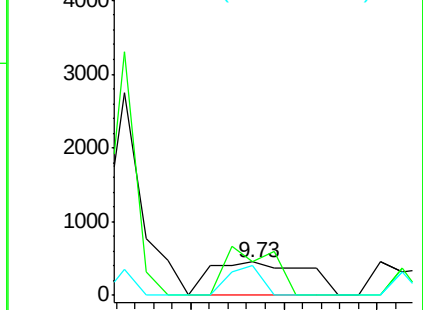
#50
2,6-Dinitrotoluene
Concen: 0.44 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 1620
Ion Ratio Lower Upper
165 100
63 101.8 56.9 85.3#
89 88.4 52.1 78.1#

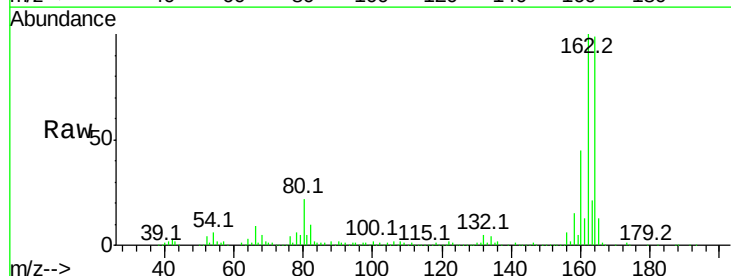


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

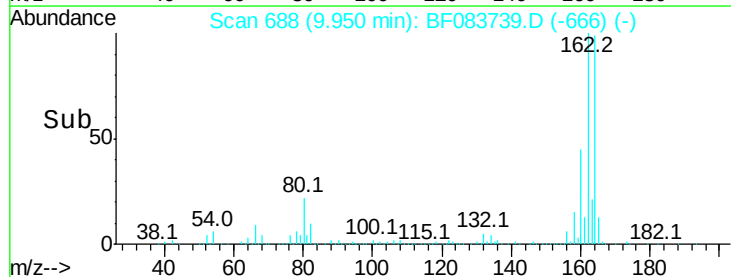
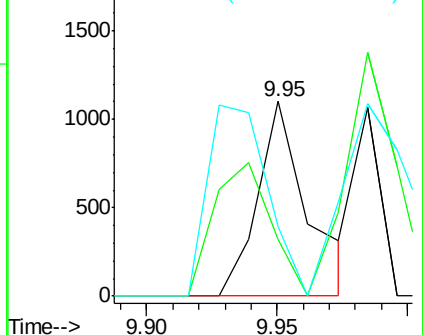


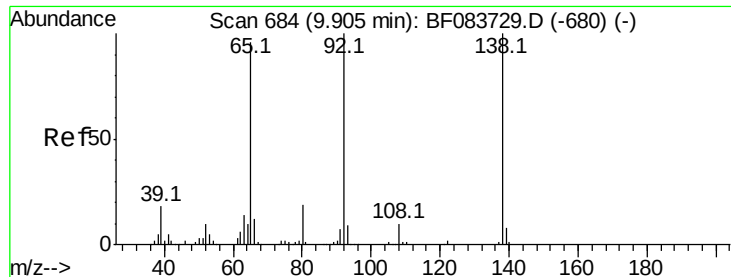
#51
Acenaphthene
Concen: 0.10 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:154 Resp: 1472
Ion Ratio Lower Upper
154 100
153 29.1 91.4 137.0#
152 35.7 43.4 65.2#



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

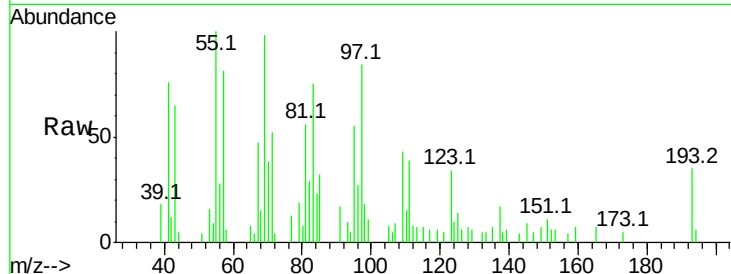




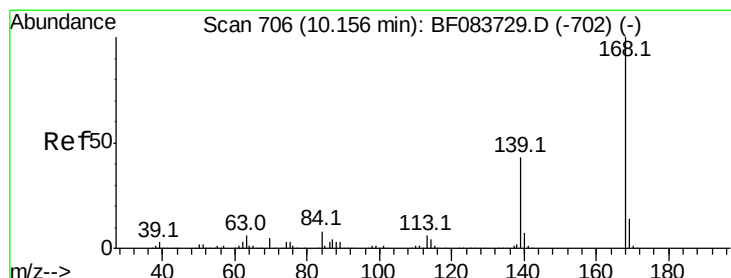
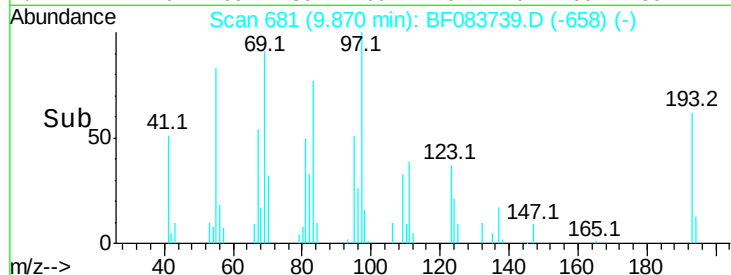
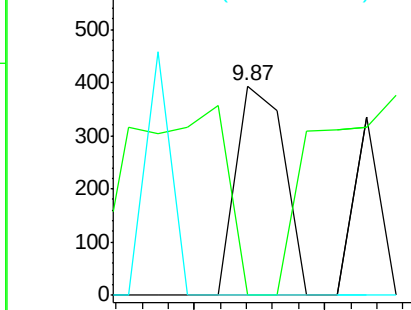
#52
3-Nitroaniline
Concen: 0.12 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 508
Ion Ratio Lower Upper
138 100
108 0.0 9.9 14.9#
92 0.0 113.8 170.8#

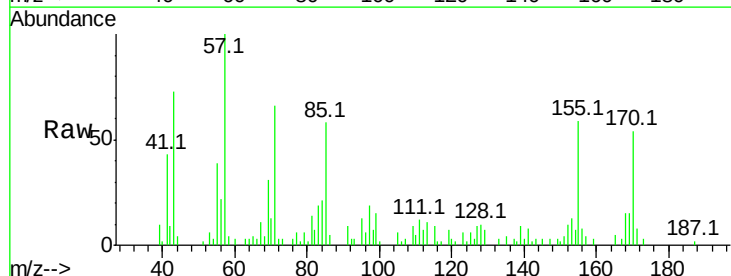


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

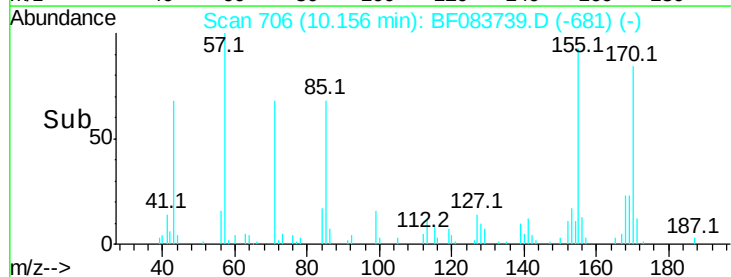
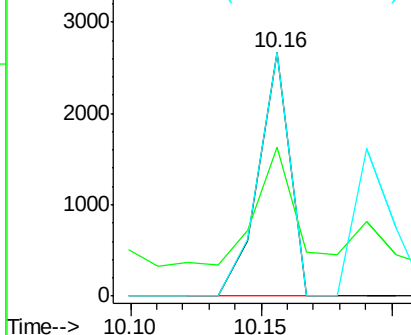


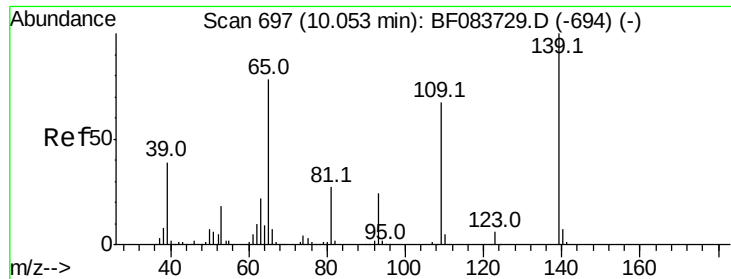
#54
Dibenzofuran
Concen: 0.11 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:168 Resp: 2247
Ion Ratio Lower Upper
168 100
139 61.3 28.0 42.0#
169 99.8 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

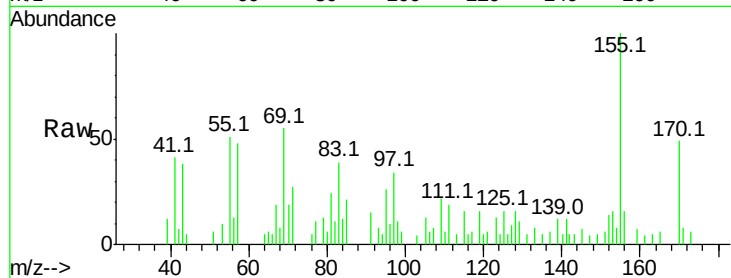




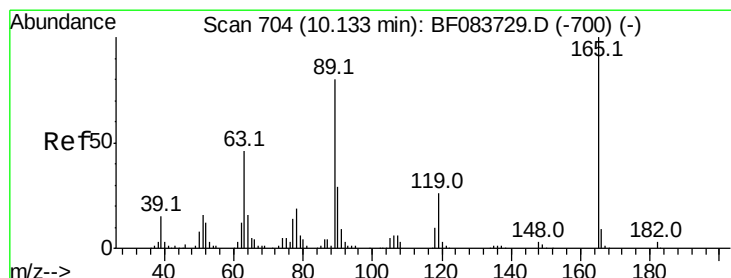
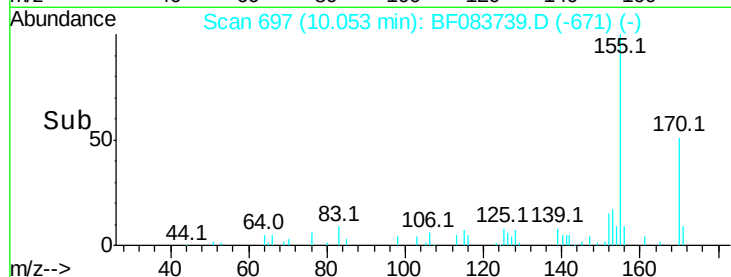
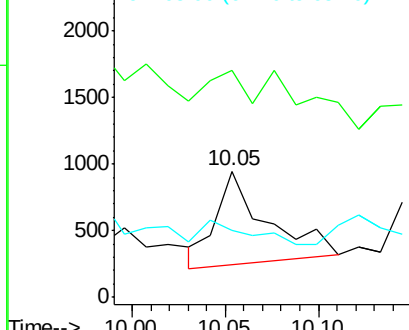
#55
4-Nitrophenol
Concen: 0.43 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 1333
Ion Ratio Lower Upper
139 100
109 179.7 42.0 82.0#
65 52.8 89.2 129.2#

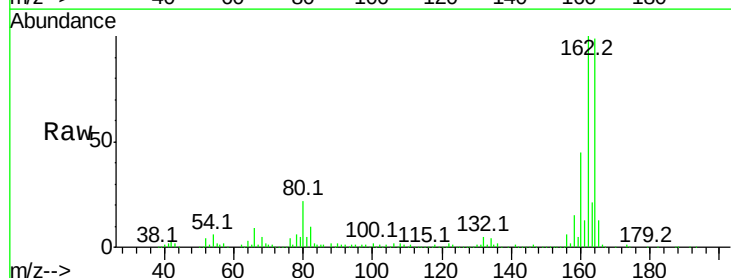


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

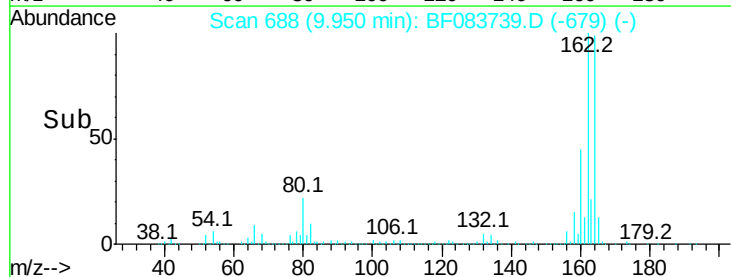
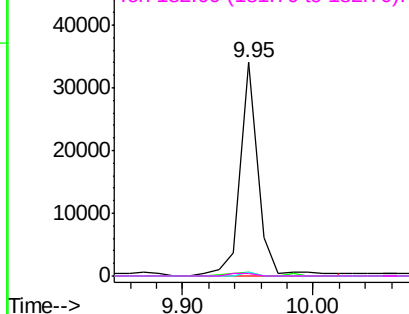


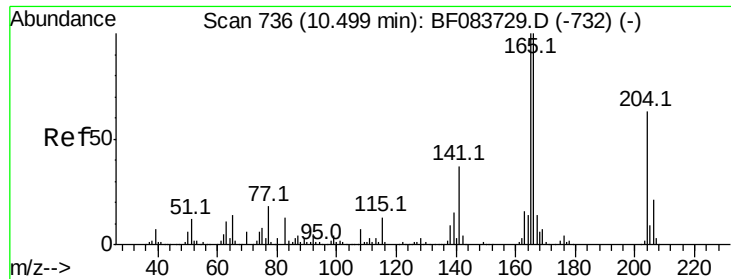
#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.19 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:165 Resp: 32720
Ion Ratio Lower Upper
165 100
63 2.1 51.4 77.2#
89 1.7 72.6 108.8#
182 1.0 1.4 2.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

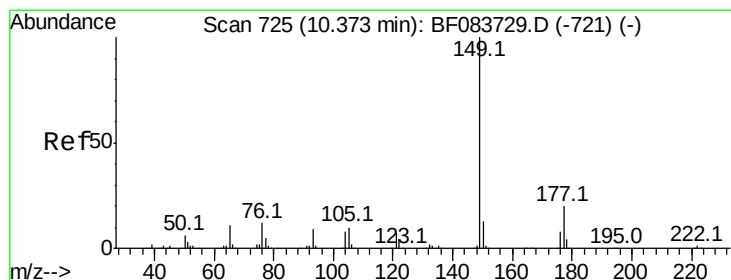
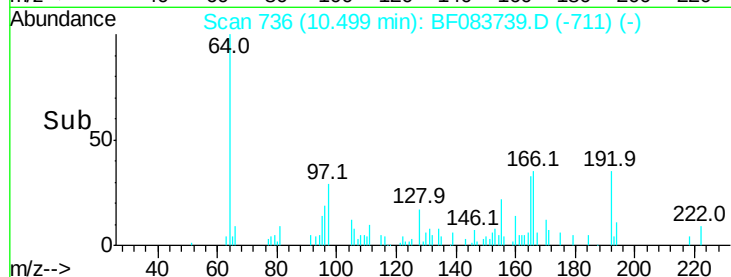
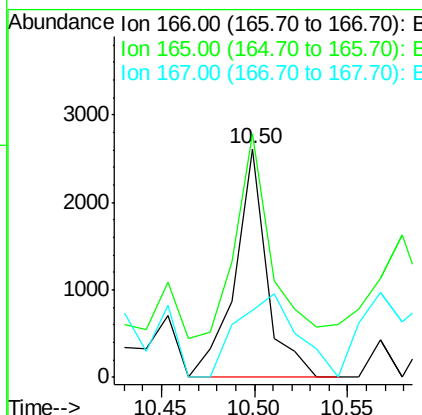
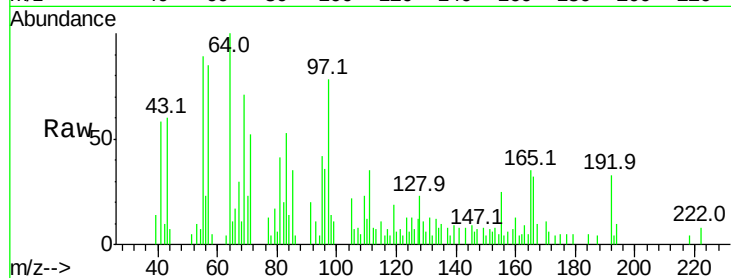




#57
 Fluorene
 Concen: 0.20 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

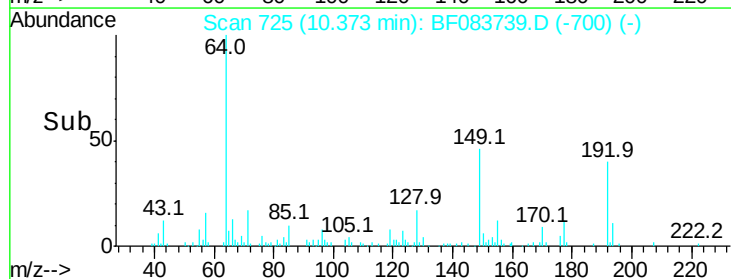
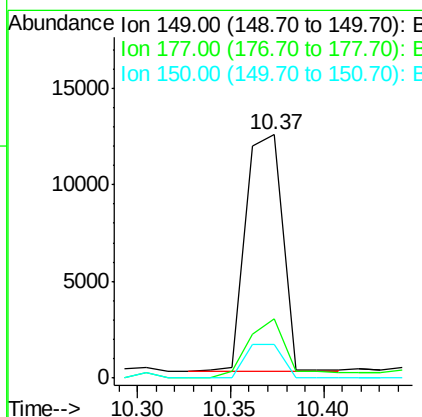
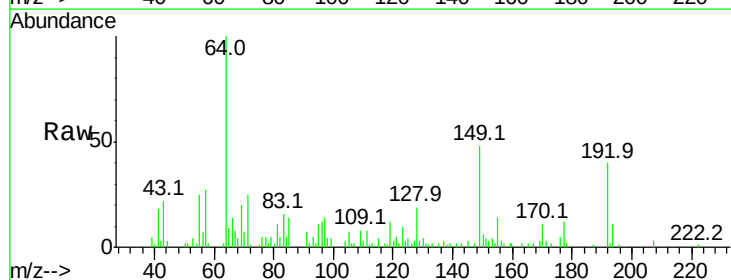
Instrument :
 BNA_F
 ClientSampleId :

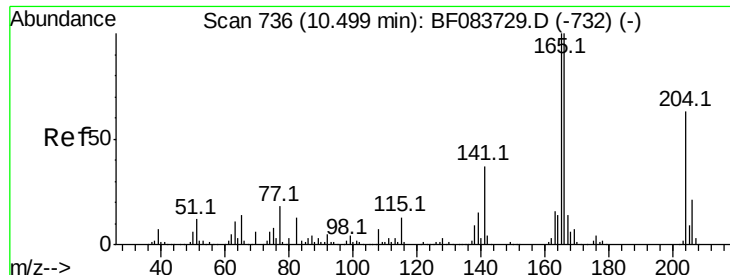
Tot Ion:166 Resp: 3124
 Ion Ratio Lower Upper
 166 100
 165 106.5 80.0 120.0
 167 29.5 10.6 16.0#



#59
 Diethylphthalate
 Concen: 0.95 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF083739.D
 Acq: 13 Dec 2015 19:52

Tgt Ion:149 Resp: 16612
 Ion Ratio Lower Upper
 149 100
 177 24.5 16.9 25.3
 150 13.6 10.2 15.4

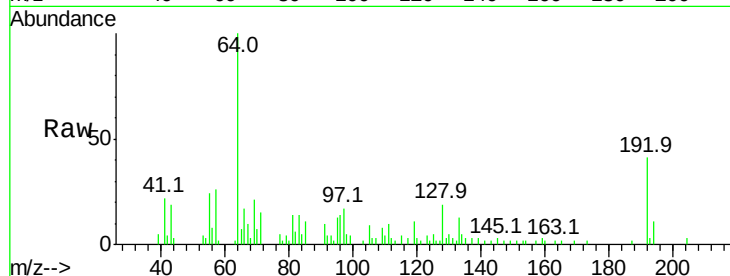




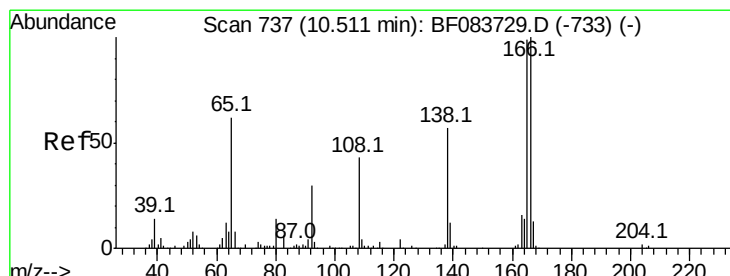
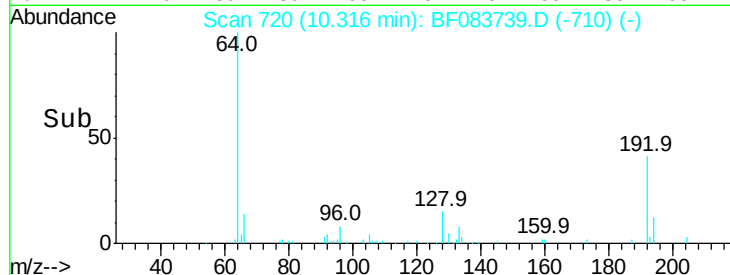
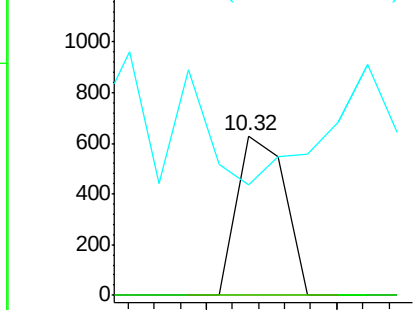
#60
4-Chlorophenyl-phenylether
Concen: 0.11 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.18 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 807
Ion Ratio Lower Upper
204 100
206 0.0 27.3 40.9#
141 69.2 51.9 77.9

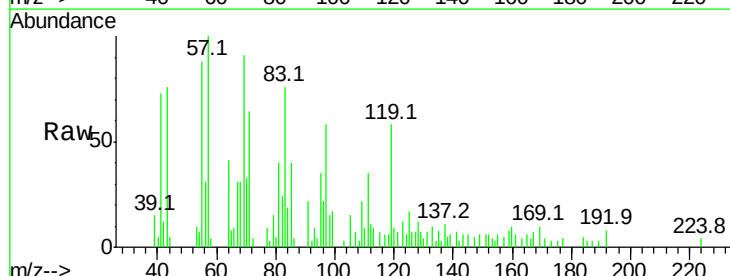


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

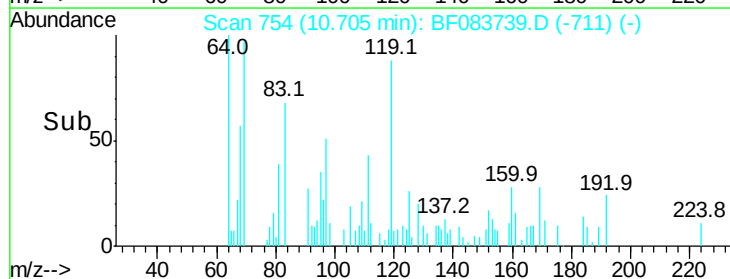
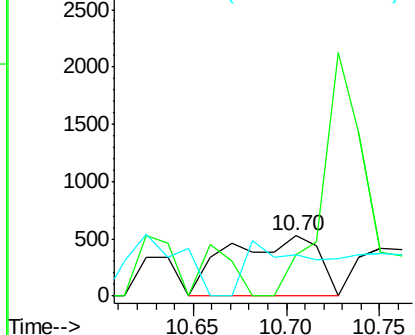


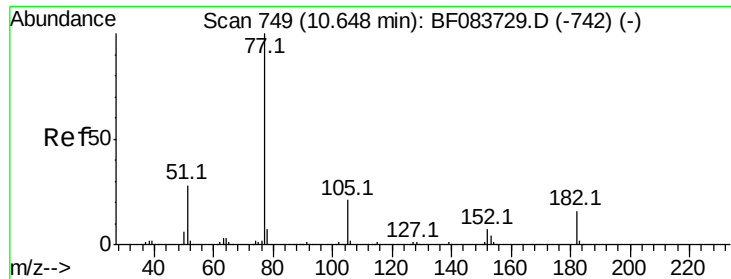
#61
4-Nitroaniline
Concen: 0.46 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.19 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:138 Resp: 1735
Ion Ratio Lower Upper
138 100
92 67.7 29.0 69.0
108 67.9 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 0.06 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

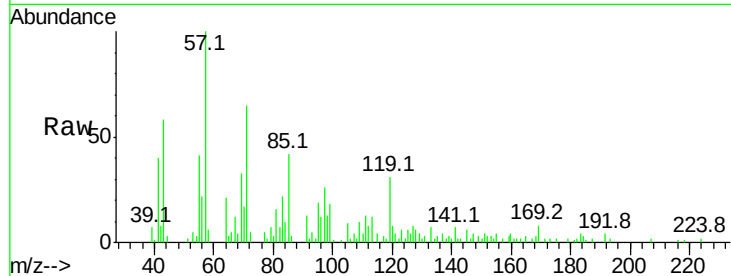
BNA_F

ClientSampled :

Tot Ion: 77 Resp: 977

Ion Ratio Lower Upper

77	100		
182	37.4	2.5	42.5
105	162.6	2.1	42.1#
51	29.3	9.3	49.3

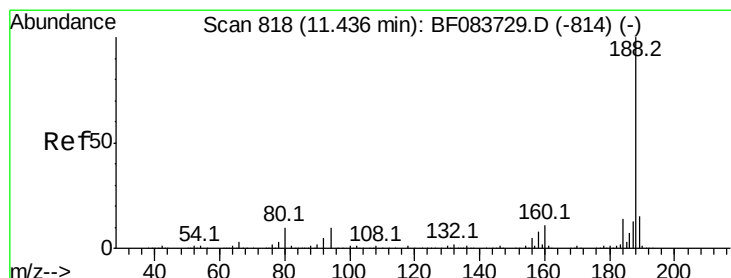
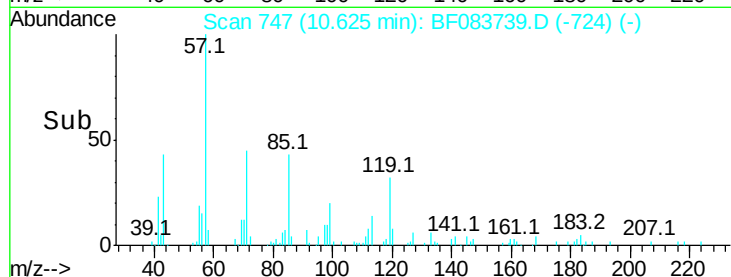
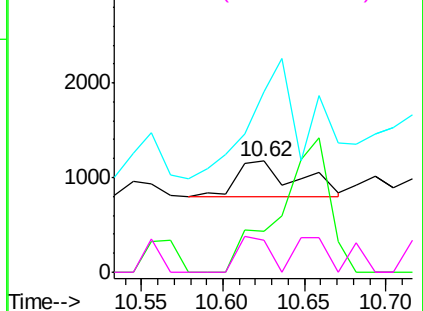


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

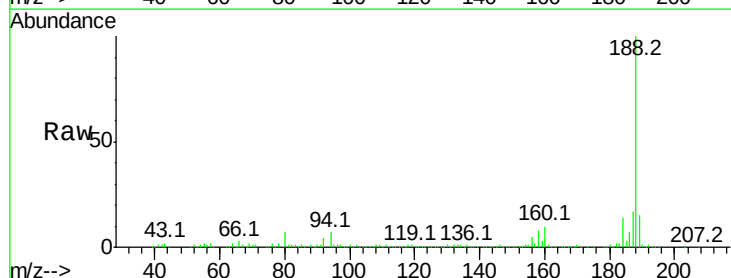
Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Tgt Ion: 188 Resp: 398241

Ion Ratio Lower Upper

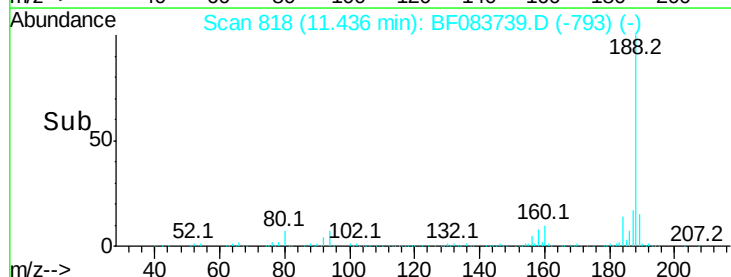
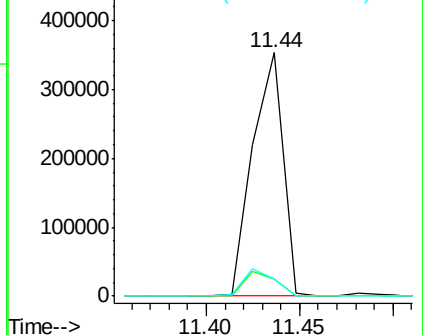
188	100		
94	7.1	9.4	14.2#
80	6.9	10.6	16.0#

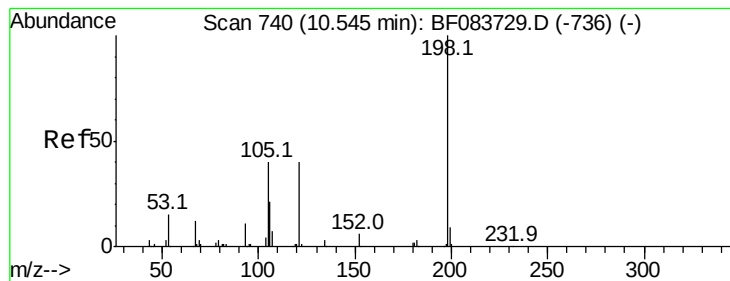


Abundance Ion 188.00 (187.70 to 188.70): E

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: 0.26 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.20 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

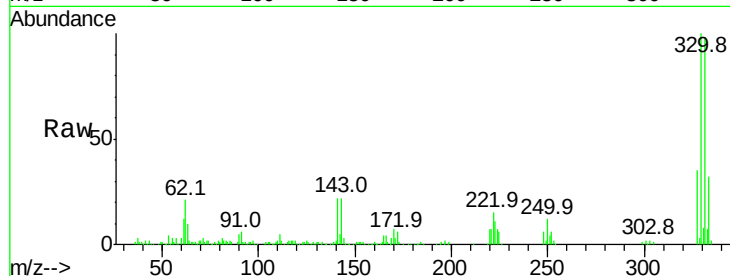
Tot Ion:198 Resp: 595

Ion Ratio Lower Upper

198 100

51 119.7 53.8 93.8#

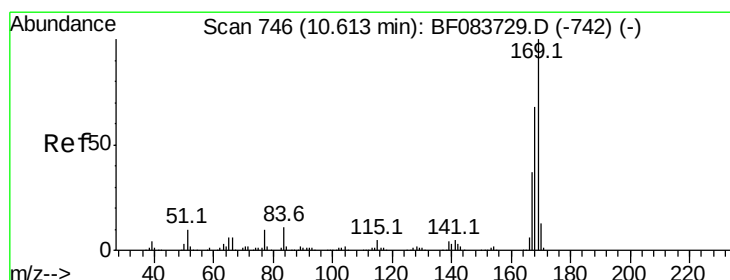
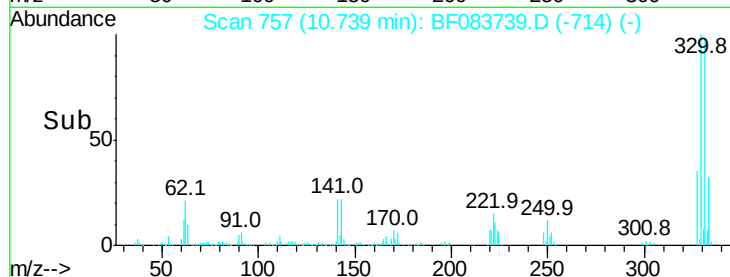
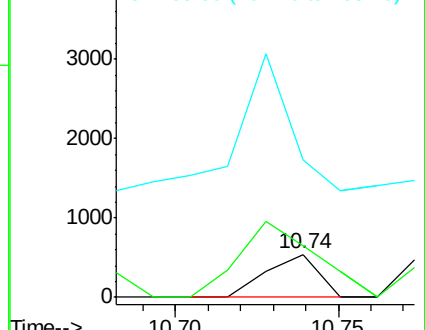
105 318.5 38.6 78.6#



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: 0.45 ng

RT: 10.61 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

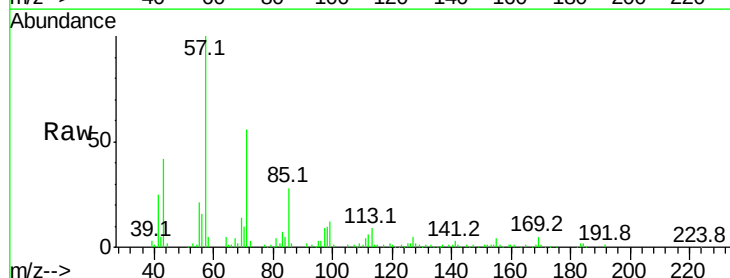
Tgt Ion:169 Resp: 6102

Ion Ratio Lower Upper

169 100

168 29.2 53.0 79.6#

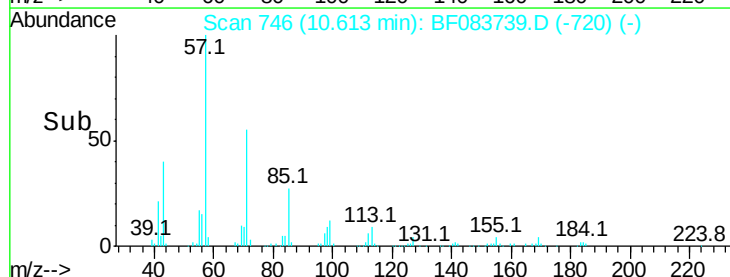
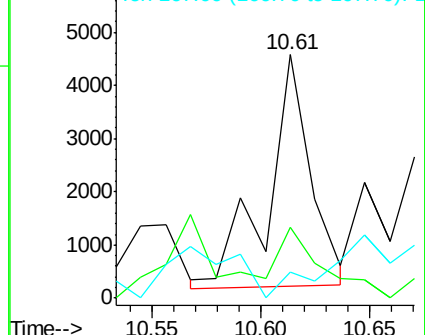
167 10.6 29.3 43.9#

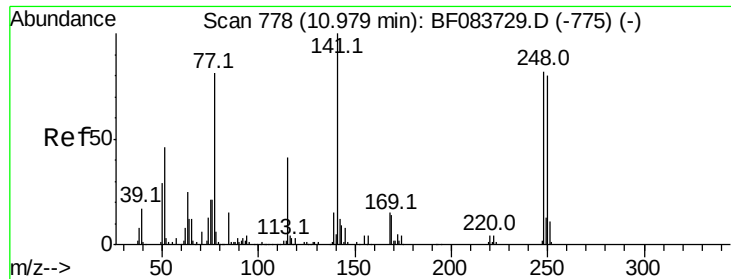


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

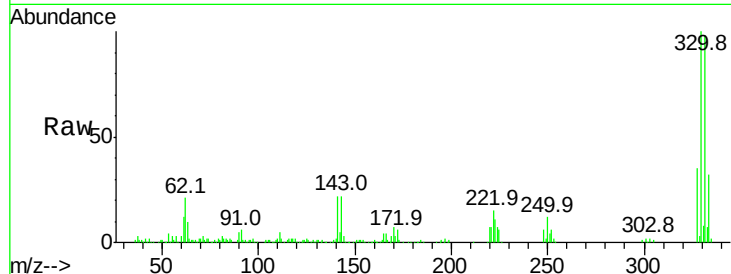




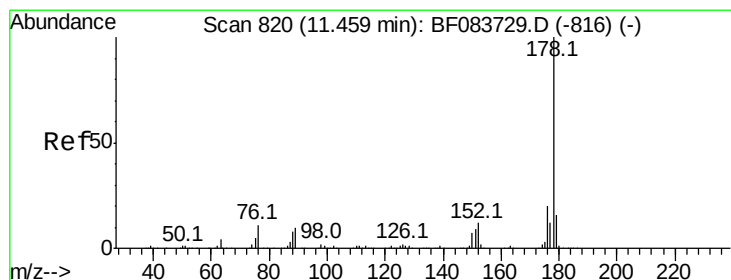
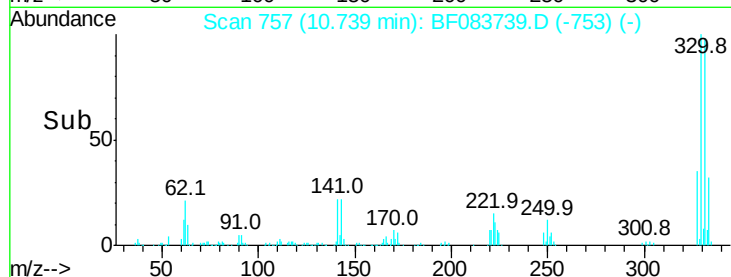
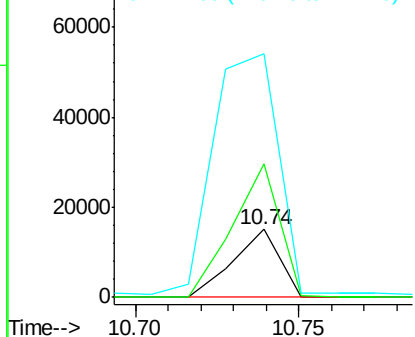
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14704
Ion Ratio Lower Upper
248 100
250 196.1 79.2 118.8#
141 358.9 58.2 87.4#

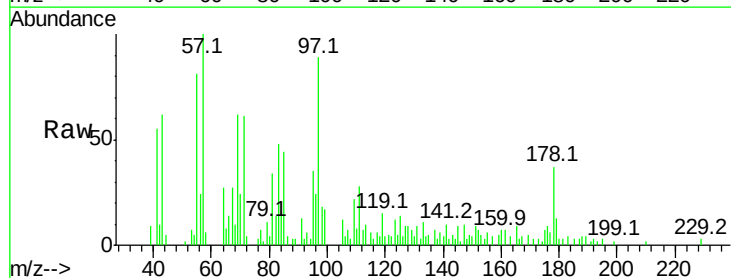


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

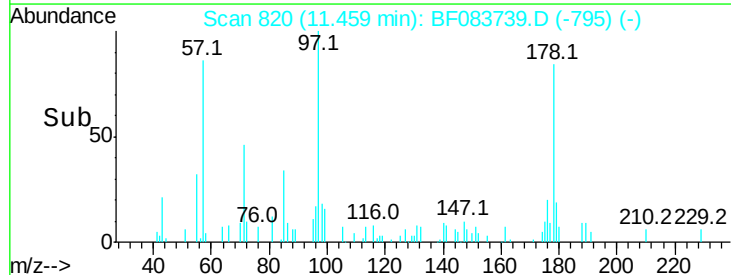
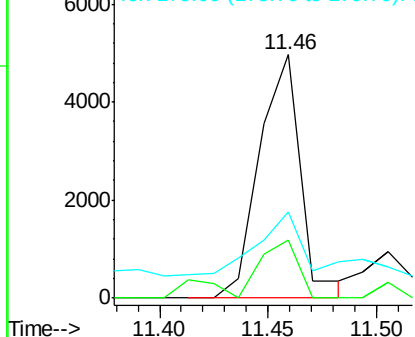


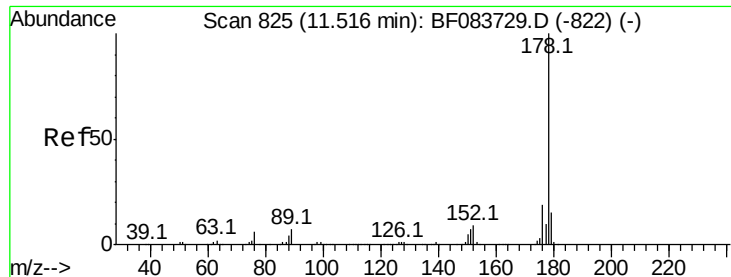
#70
Phenanthrene
Concen: 0.31 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:178 Resp: 6599
Ion Ratio Lower Upper
178 100
176 23.8 15.7 23.5#
179 35.2 12.2 18.4#



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





#71

Anthracene

Concen: 0.03 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

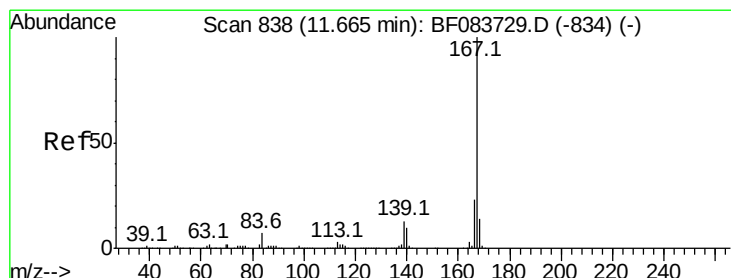
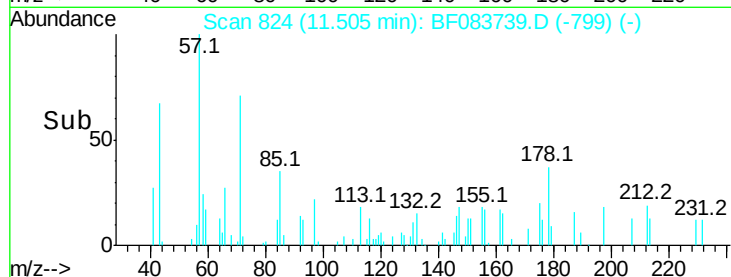
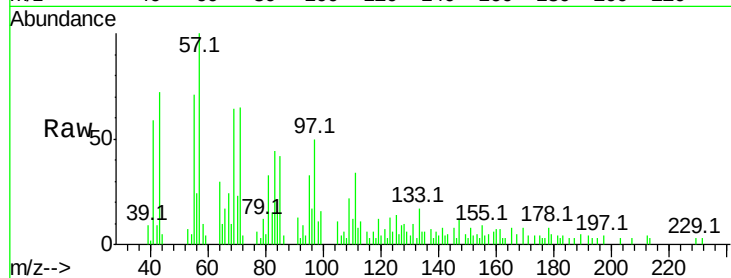
Tot Ion:178 Resp: 743

Ion Ratio Lower Upper

178 100

176 32.9 15.2 22.8#

179 65.9 12.6 18.8#



#72

Carbazole

Concen: 0.02 ng

RT: 11.68 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

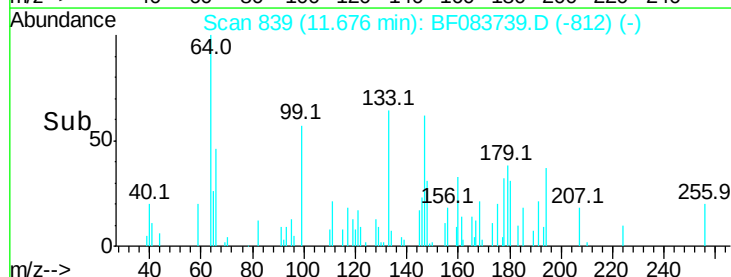
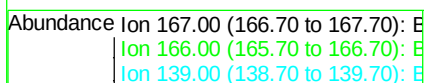
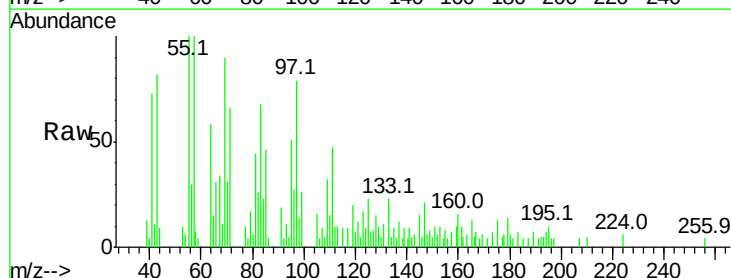
Tgt Ion:167 Resp: 431

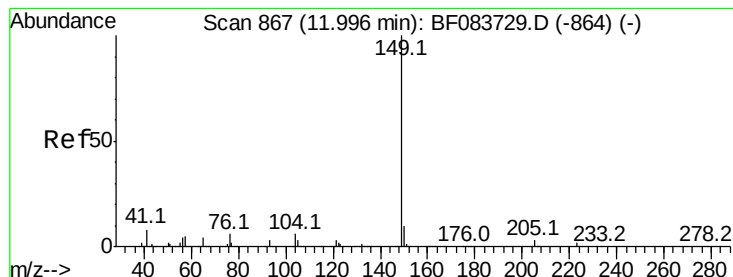
Ion Ratio Lower Upper

167 100

166 65.3 17.2 25.8#

139 124.2 9.3 13.9#





#73

Di-n-butylphthalate

Concen: 0.25 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampled :

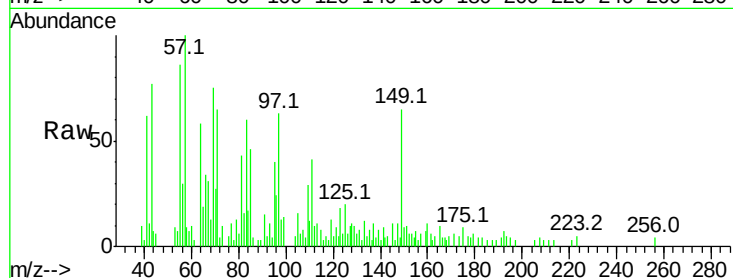
Tot Ion:149 Resp: 6188

Ion Ratio Lower Upper

149 100

150 13.1 7.8 11.6#

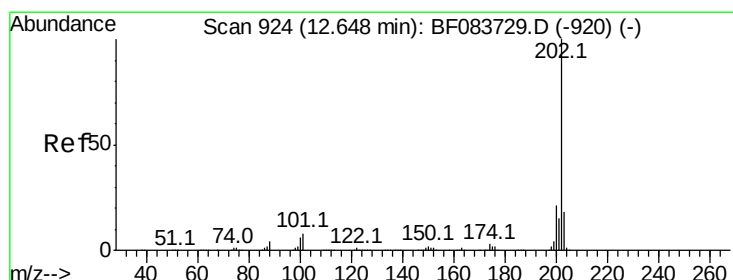
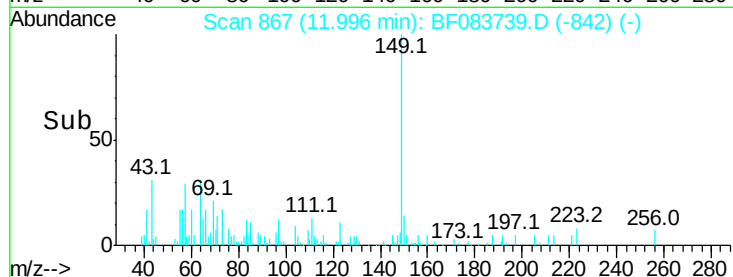
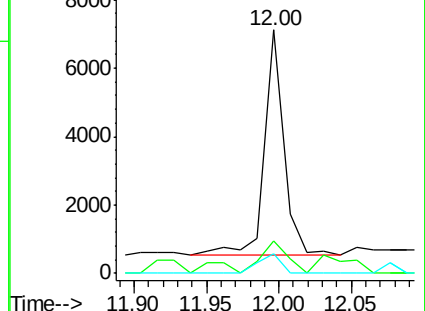
104 7.9 3.9 5.9#



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: 0.19 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

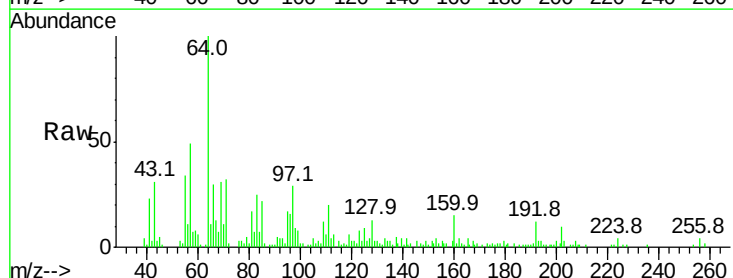
Tgt Ion:202 Resp: 4204

Ion Ratio Lower Upper

202 100

101 17.6 0.0 31.5

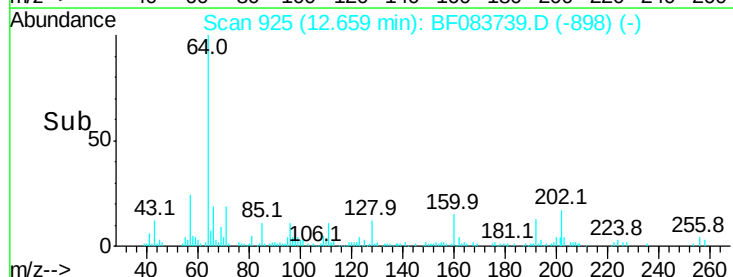
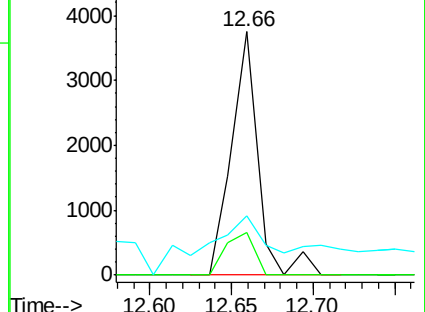
203 24.2 0.0 37.6

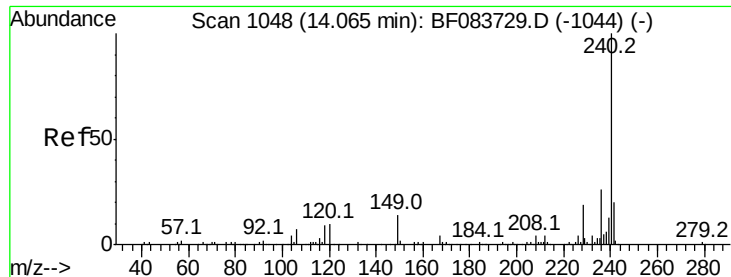


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

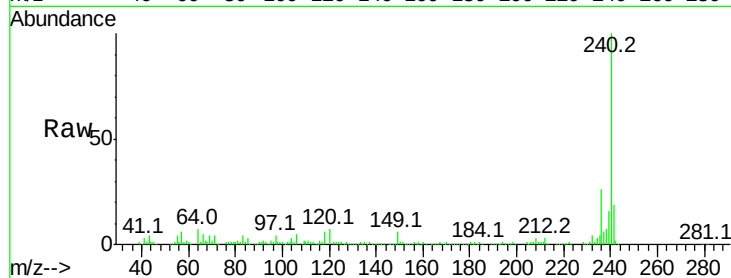
Tot Ion:240 Resp: 292291

Ion Ratio Lower Upper

240 100

120 7.4 8.1 12.1#

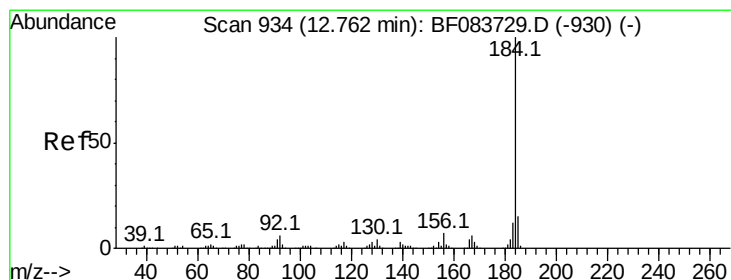
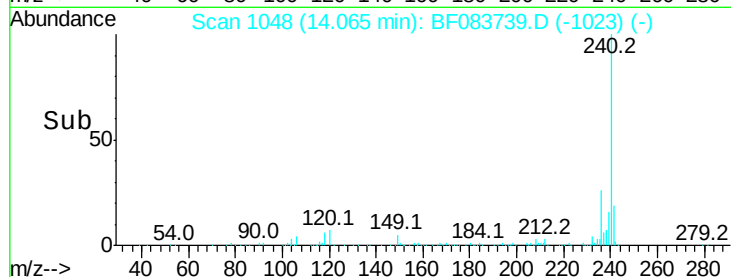
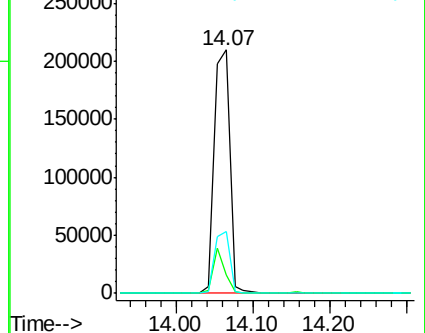
236 25.5 20.8 31.2



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: 0.13 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

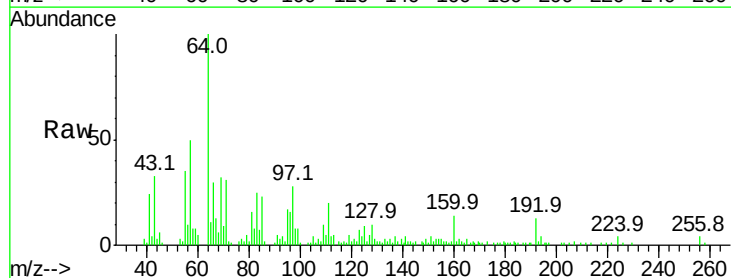
Tgt Ion:184 Resp: 1146

Ion Ratio Lower Upper

184 100

185 115.0 13.0 19.6#

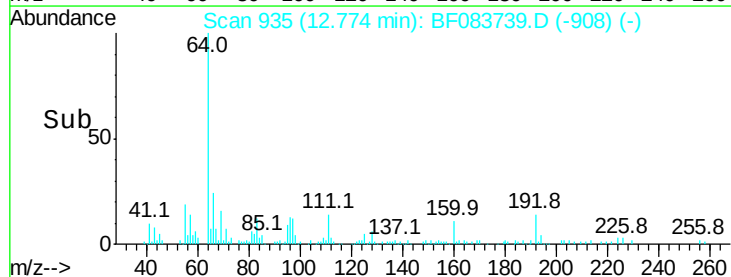
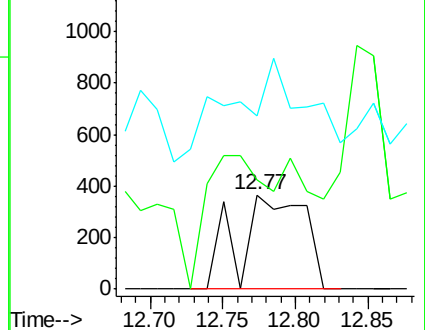
183 183.1 9.0 13.4#

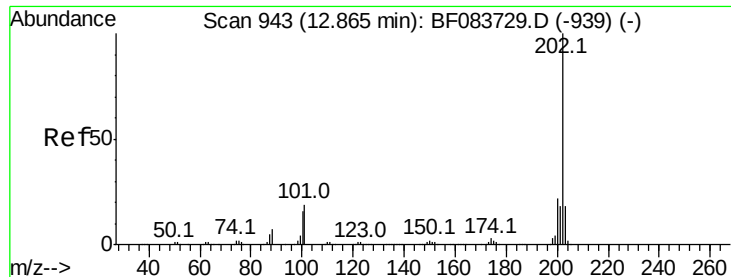


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

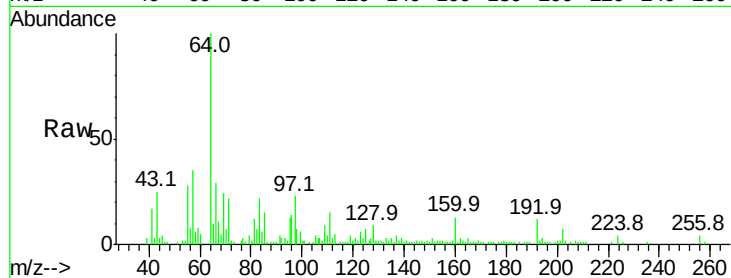




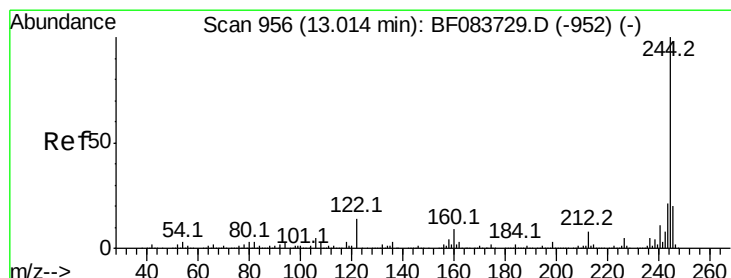
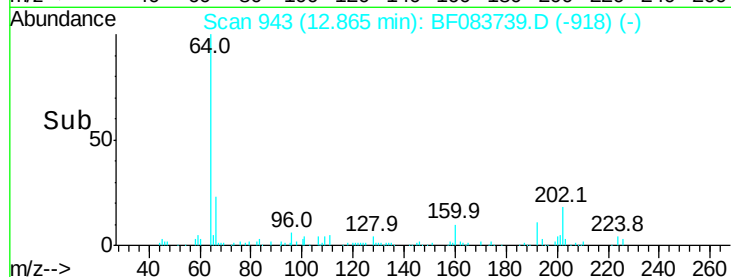
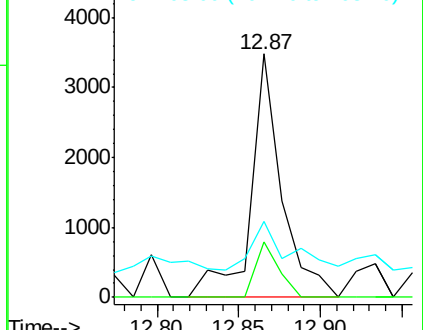
#77
Pvrene
Concen: 0.20 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 4570
Ion Ratio Lower Upper
202 100
200 22.9 16.7 25.1
203 31.0 14.3 21.5#

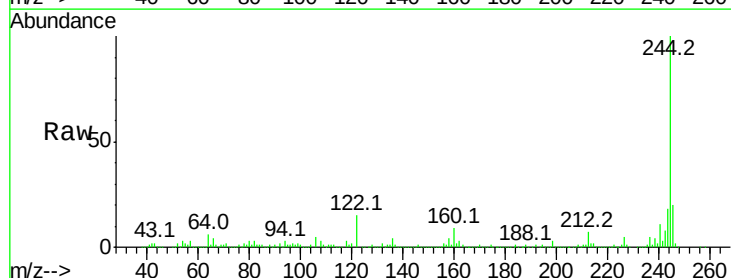


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

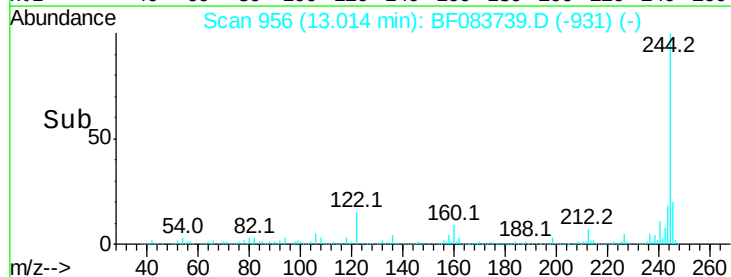
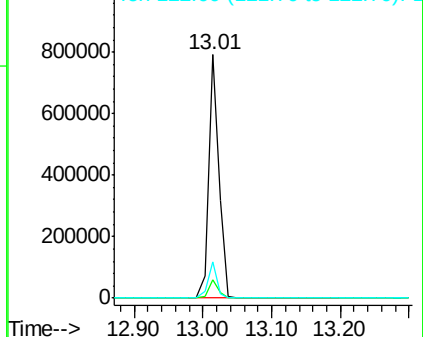


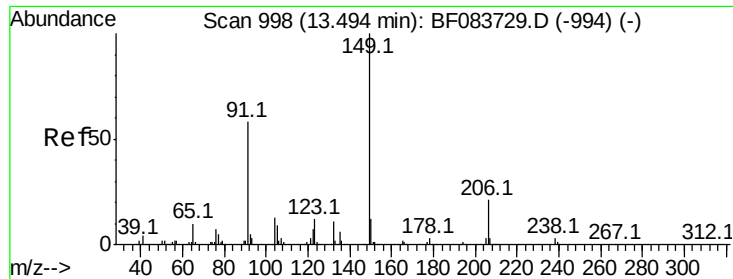
#78
Terphenyl-d14
Concen: 60.20 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:244 Resp: 817983
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 14.9 11.0 16.6



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

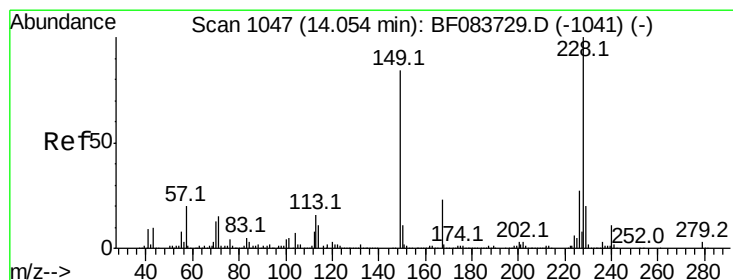
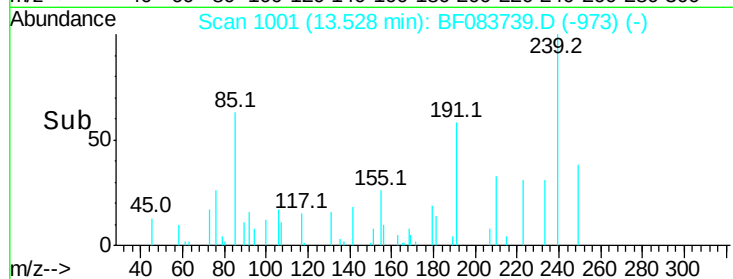
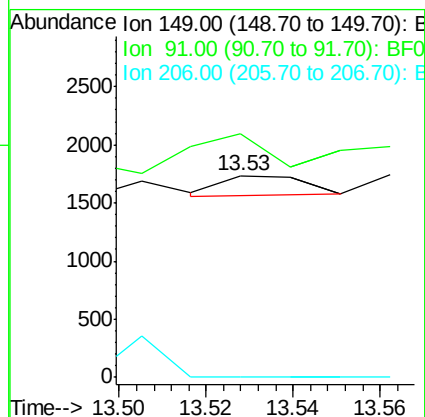
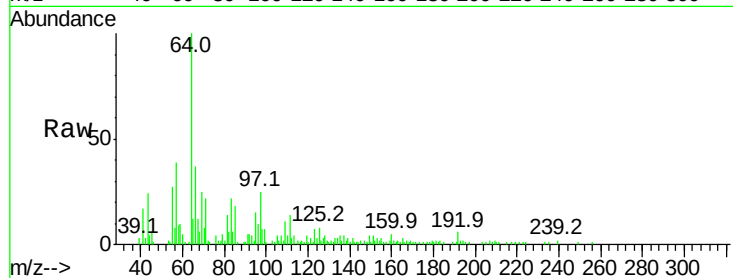




#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.53 min Scan# 1001
Delta R.T. 0.02 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

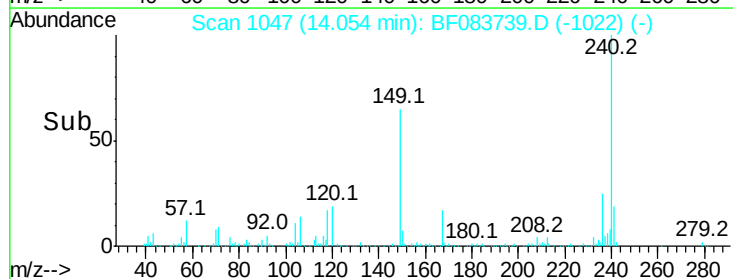
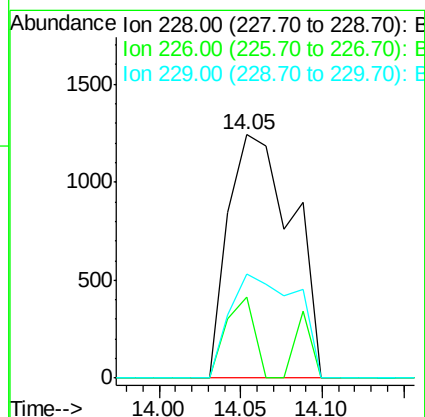
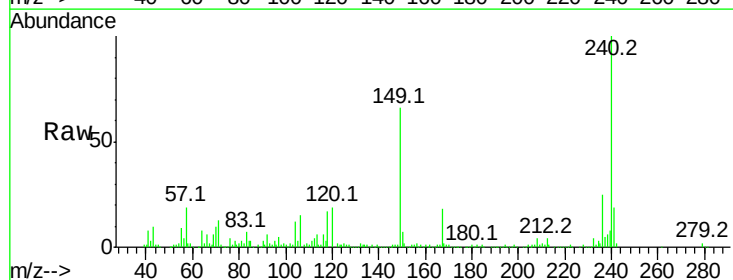
Instrument :
BNA_F
ClientSampleId :

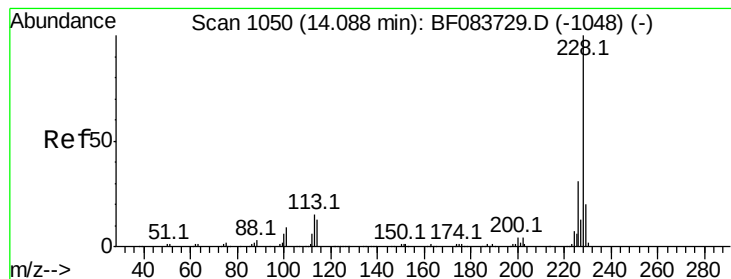
Tot Ion:149 Resp: 230
Ion Ratio Lower Upper
149 100
91 120.8 60.0 90.0#
206 0.0 16.2 24.4#



#80
Benzo(a)anthracene
Concen: 0.20 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:228 Resp: 3384
Ion Ratio Lower Upper
228 100
226 33.3 22.3 33.5
229 42.9 15.7 23.5#





#82

Chrysene

Concen: 0.21 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

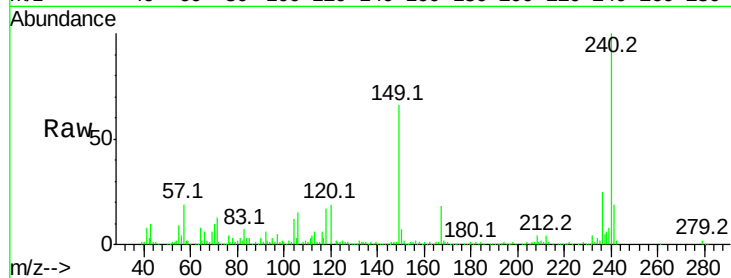
Tot Ion:228 Resp: 3384

Ion Ratio Lower Upper

228 100

226 33.3 24.7 37.1

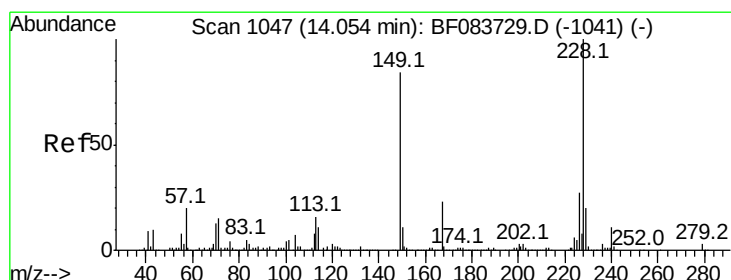
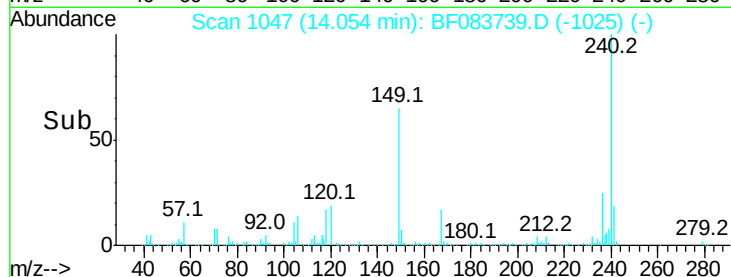
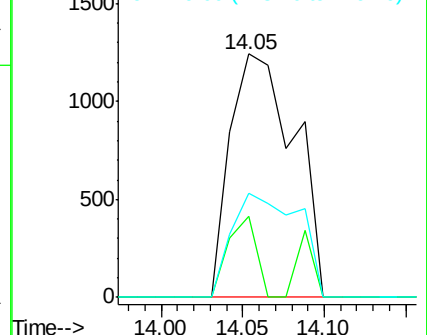
229 42.9 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 11.48 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

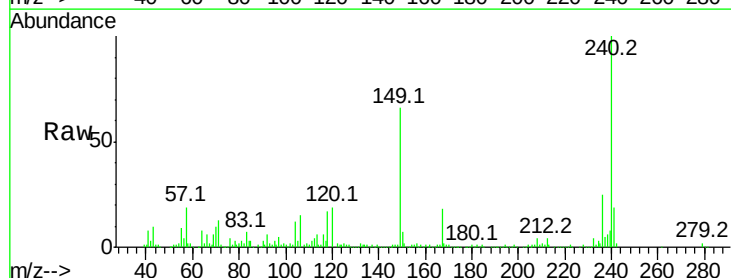
Tgt Ion:149 Resp: 129510

Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

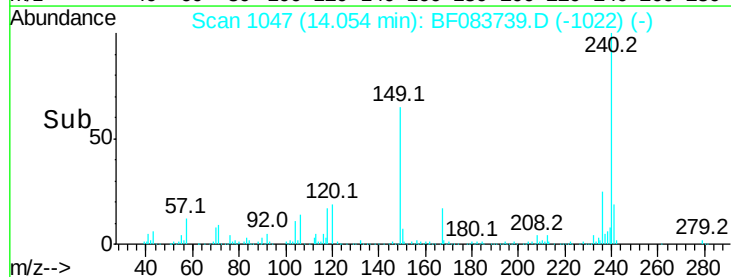
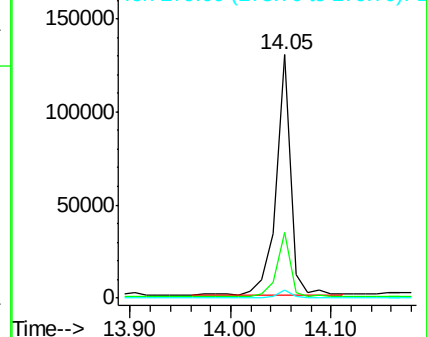
279 3.5 3.0 4.4

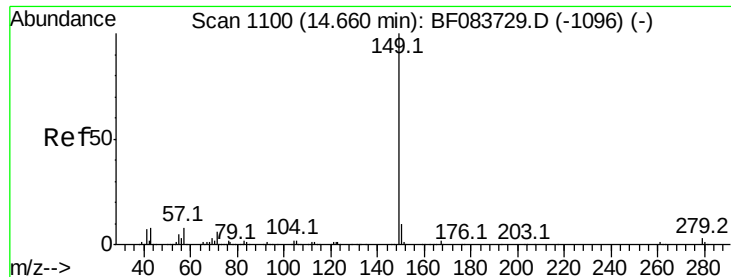


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.57 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

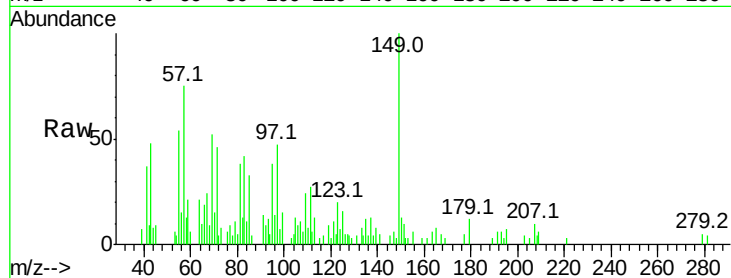
Tot Ion:149 Resp: 10169

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

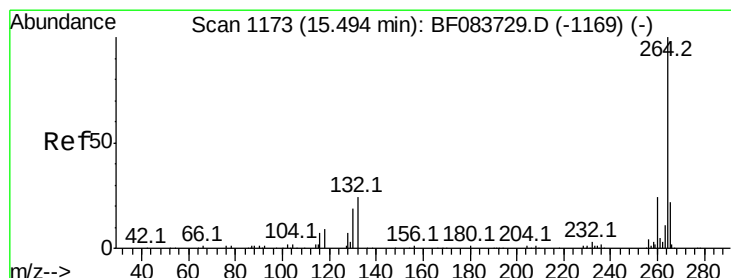
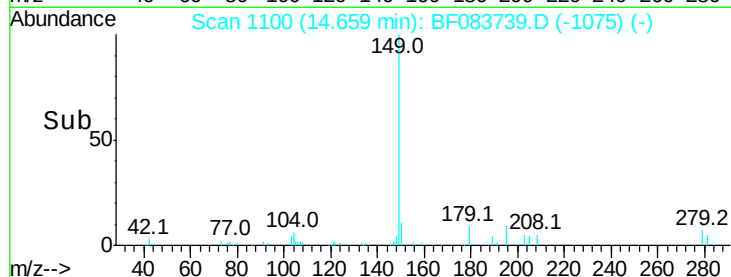
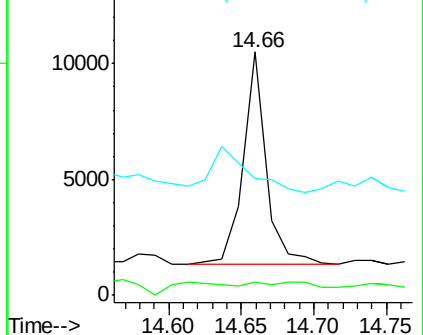
43 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.49 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

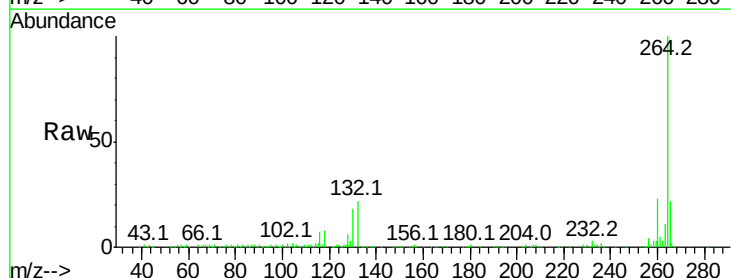
Tgt Ion:264 Resp: 255583

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

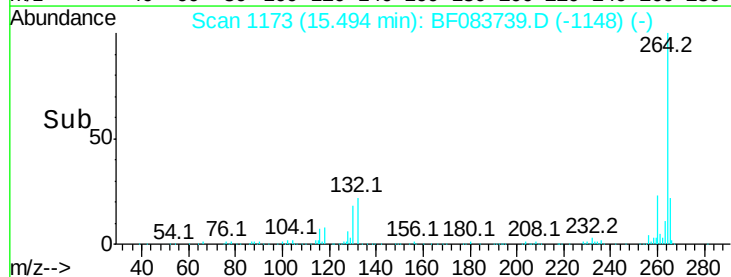
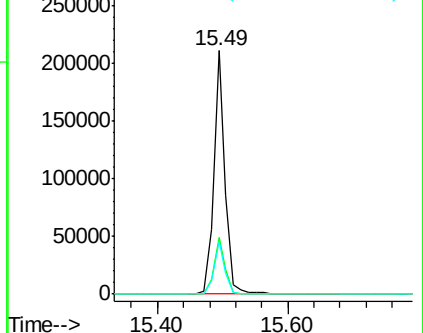
265 21.6 17.8 26.6

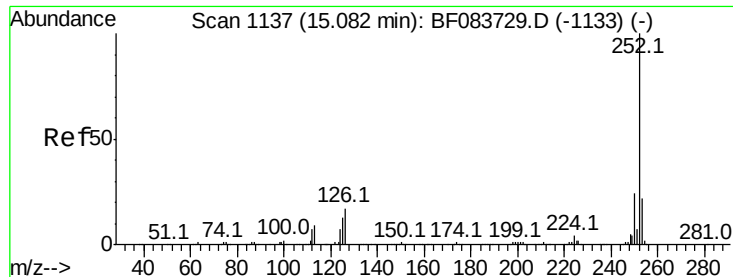


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

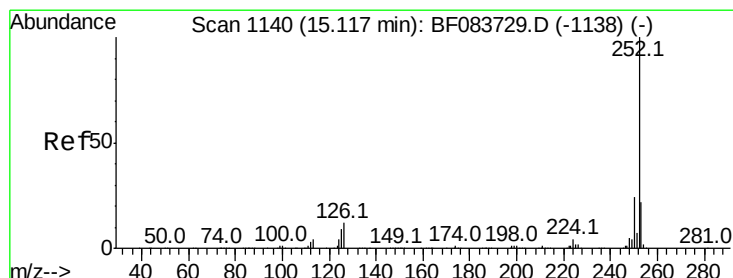
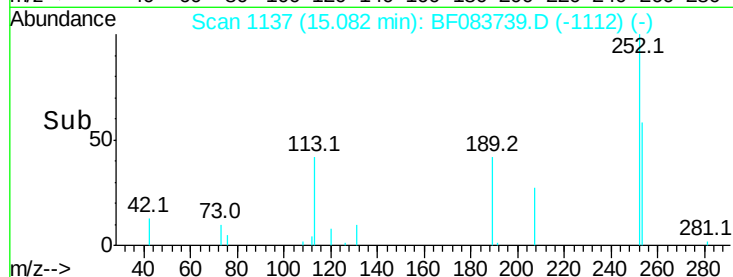
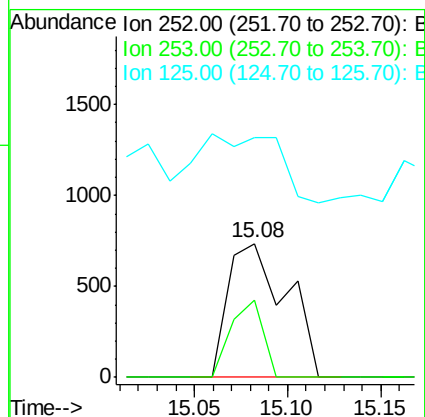
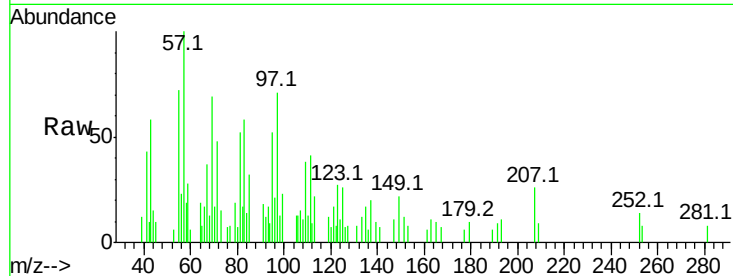




#87
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

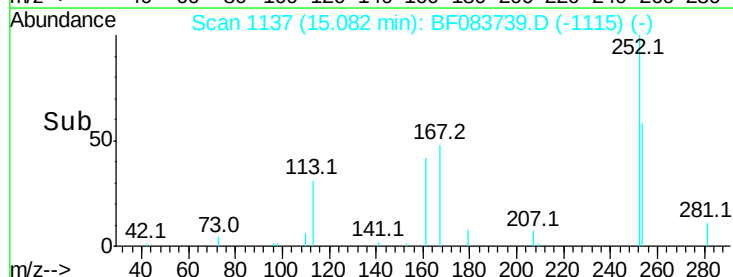
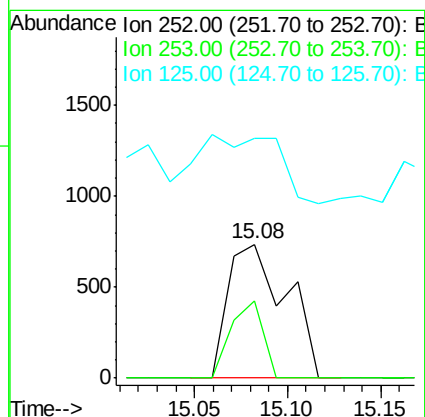
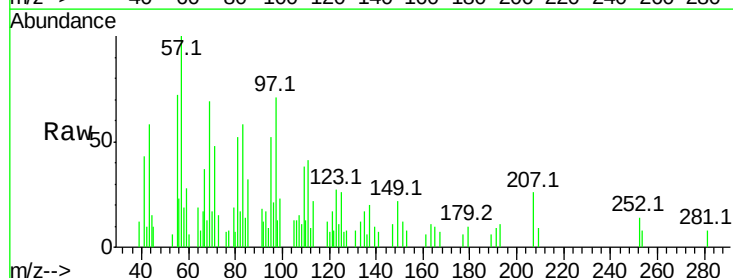
Instrument :
BNA_F
ClientSampleId :

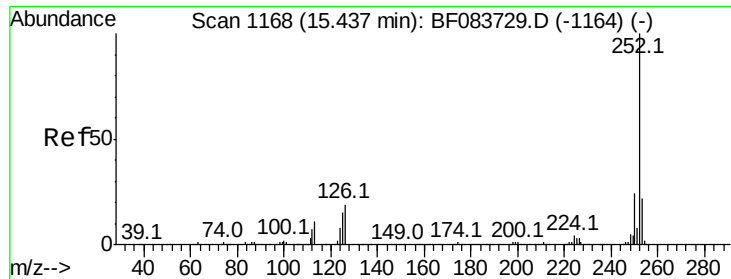
Tot Ion:252 Resp: 1601
Ion Ratio Lower Upper
252 100
253 57.8 18.2 27.4#
125 179.1 8.2 12.4#



#88
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF083739.D
Acq: 13 Dec 2015 19:52

Tgt Ion:252 Resp: 1601
Ion Ratio Lower Upper
252 100
253 57.8 18.6 27.8#
125 179.1 11.5 17.3#





#89

Benzo(a)pyrene

Concen: 0.04 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

Instrument :

BNA_F

ClientSampleId :

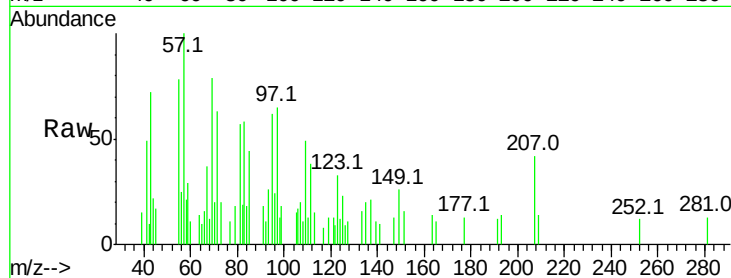
Tot Ion:252 Resp: 579

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

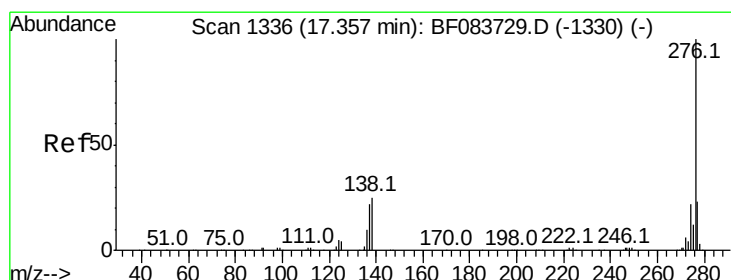
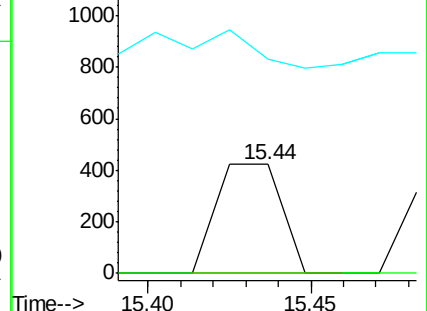
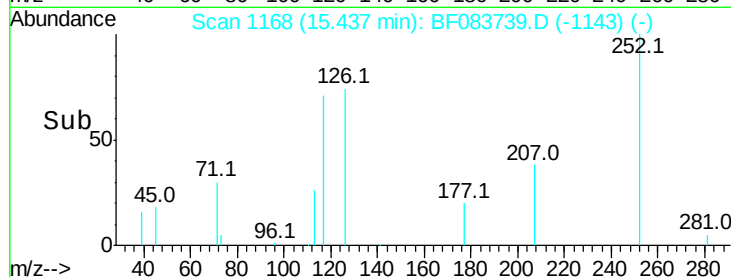
125 196.7 11.0 16.6#



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



#91

Benzo(g,h,i)perylene

Concen: 0.01 ng

RT: 17.33 min Scan# 1334

Delta R.T. -0.05 min

Lab File: BF083739.D

Acq: 13 Dec 2015 19:52

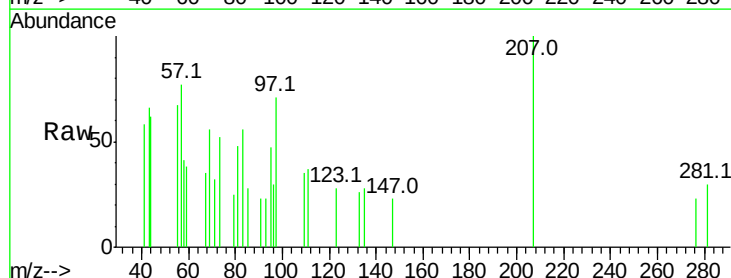
Tgt Ion:276 Resp: 215

Ion Ratio Lower Upper

276 100

277 0.0 19.2 28.8#

138 0.0 19.5 29.3#



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

