

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083744.D
 Acq On : 13 Dec 2015 22:12
 Operator : UM/IZ
 Sample : G4743-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:33:39 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	6.92	152	129510	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	525320	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	241319	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	442888	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	302223	20.00	ng	-0.02
86) Perylene-d12	15.49	264	250061	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1024152	127.57	ng	0.00
7) Phenol-d6	6.54	99	1296802	127.56	ng	0.00
23) Nitrobenzene-d5	7.48	82	928677	98.90	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	329491	133.99	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1319259	78.17	ng	-0.01
78) Terphenyl-d14	13.01	244	1183134	84.21	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.62	88	213	0.05	ng	# 67
3) Pyridine	3.49	79	462	0.05	ng	# 9
6) Aniline	6.56	93	403	0.03	ng	# 1
8) 2-Chlorophenol	6.70	128	678	0.07	ng	# 86
9) Benzaldehyde	6.68	77	25219	4.62	ng	# 89
10) Phenol	6.56	94	18581	1.59	ng	# 71
11) bis(2-Chloroethyl)ether	6.69	93	1431	0.17	ng	# 1
15) Benzyl Alcohol	7.07	79	14186	1.90	ng	# 51
17) 2-Methylphenol	7.05	107	277	0.04	ng	# 38
19) n-Nitroso-di-n-propylamine	7.48	70	128734	20.68	ng	# 67
24) Nitrobenzene	7.48	77	2865	0.29	ng	# 43
25) Isophorone	7.48	82	866419	47.03	ng	# 69
31) Naphthalene	8.22	128	939	0.03	ng	# 69
45) 1,1'-Biphenyl	9.28	154	2536	0.12	ng	# 1
47) 2-Nitroaniline	9.66	65	3868	0.86	ng	# 1
48) Acenaphthylene	9.81	152	264	0.01	ng	# 60
49) Dimethylphthalate	9.66	163	421763	22.42	ng	# 99
50) 2,6-Dinitrotoluene	9.66	165	4724	1.18	ng	# 11
51) Acenaphthene	9.95	154	729	0.05	ng	# 4
54) Dibenzofuran	10.16	168	291	0.01	ng	# 47
56) 2,4-Dinitrotoluene	9.95	165	31770	6.09	ng	# 12
57) Fluorene	10.74	166	15888	0.95	ng	# 91
59) Diethylphthalate	10.37	149	1298	0.07	ng	# 60
62) Azobenzene	10.74	77	1880	0.11	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.74	198	472	0.19	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	11378	0.75	ng	# 46
66) 4-Bromophenyl-phenylether	10.74	248	23735	4.79	ng	# 1
70) Phenanthrene	11.46	178	985	0.04	ng	# 60
71) Anthracene	11.50	178	453	0.02	ng	# 60
73) Di-n-butylphthalate	12.00	149	1230	0.04	ng	# 78
74) Fluoranthene	12.64	202	961	0.04	ng	# 64
77) Pyrene	12.87	202	1387	0.06	ng	# 57
79) Butylbenzylphthalate	13.55	149	274	0.03	ng	# 21
80) Benzo(a)anthracene	14.05	228	2349	0.14	ng	# 51

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

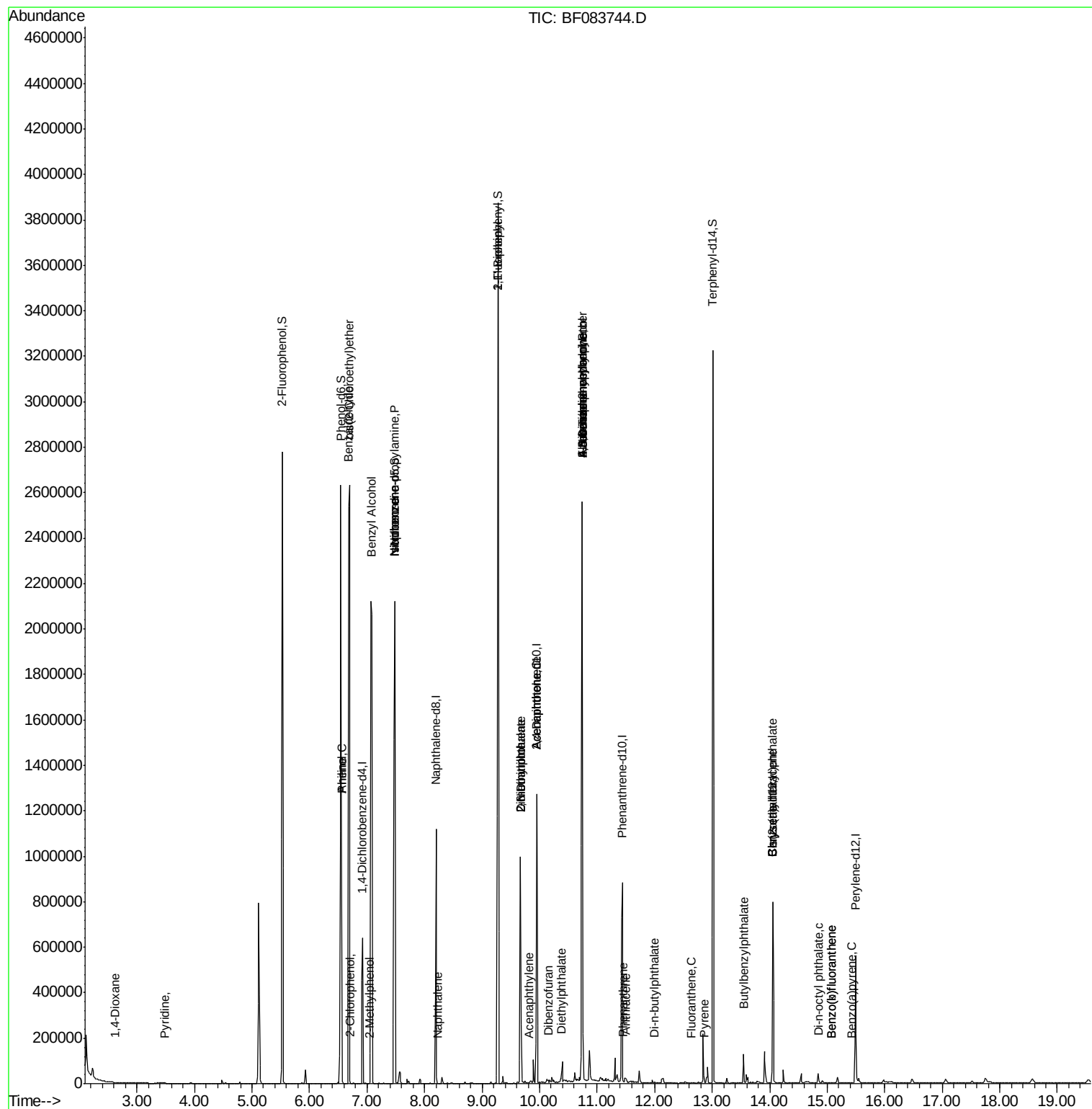
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	14.05	228	2349	0.14	nq	# 49
83) Bis(2-ethylhexyl)phthalate	14.05	149	834	0.07	nq	# 52
84) Di-n-octyl phthalate	14.85	149	206	0.01	nq	# 100
87) Benzo(b)fluoranthene	15.07	252	1234	0.08	nq	# 59
88) Benzo(k)fluoranthene	15.07	252	1234	0.09	nq	# 57
89) Benzo(a)pyrene	15.43	252	459	0.03	nq	# 59

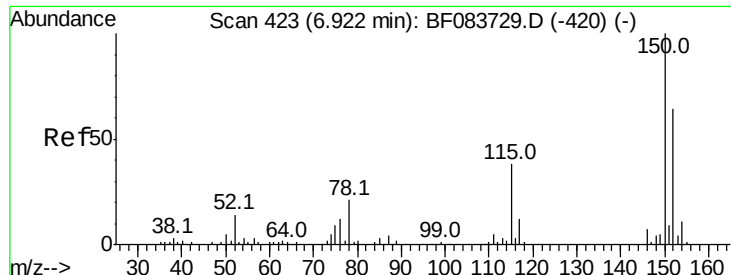
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

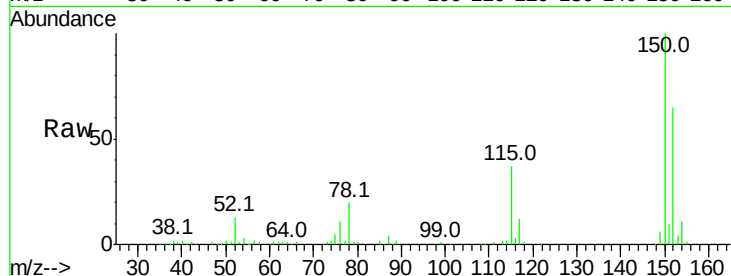
Tot Ion:152 Resp: 129510

Ion Ratio Lower Upper

152 100

150 153.1 126.5 189.7

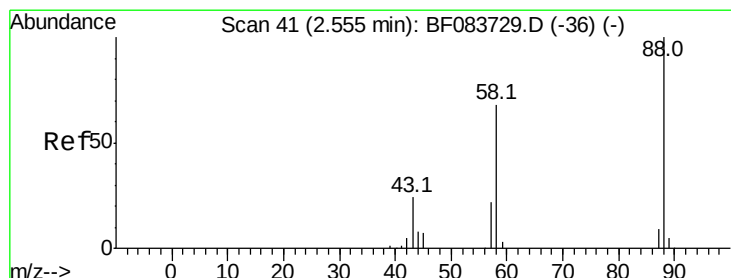
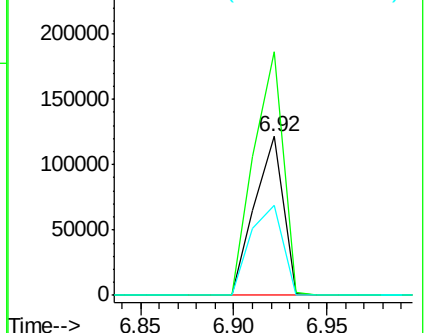
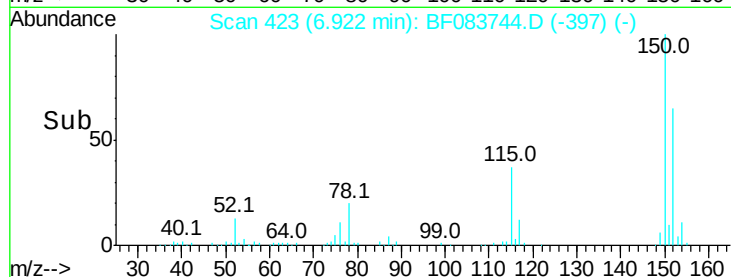
115 56.2 52.3 78.5



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



#2

1,4-Dioxane

Concen: 0.05 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.06 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

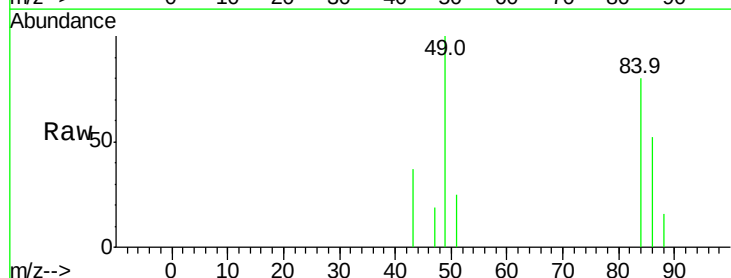
Tgt Ion: 88 Resp: 213

Ion Ratio Lower Upper

88 100

58 105.2 68.0 102.0#

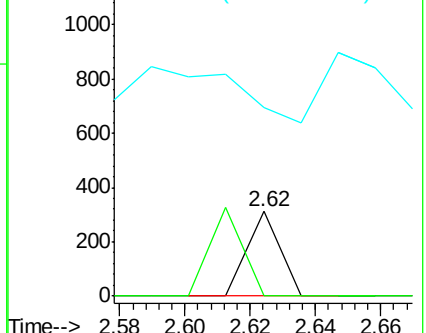
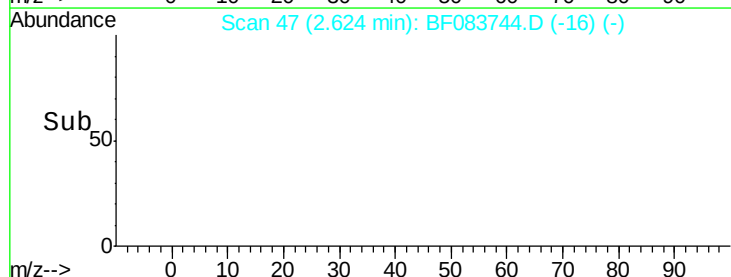
43 0.0 27.9 41.9#

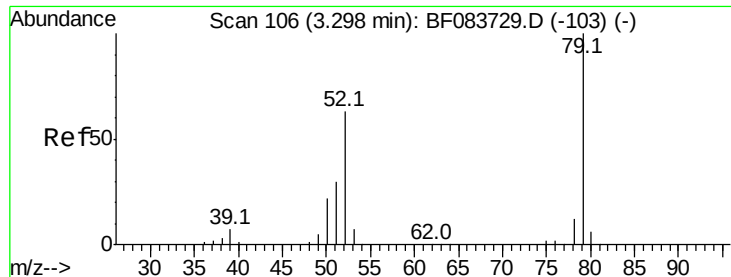


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 0.05 ng

RT: 3.49 min Scan# 123

Delta R.T. 0.19 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

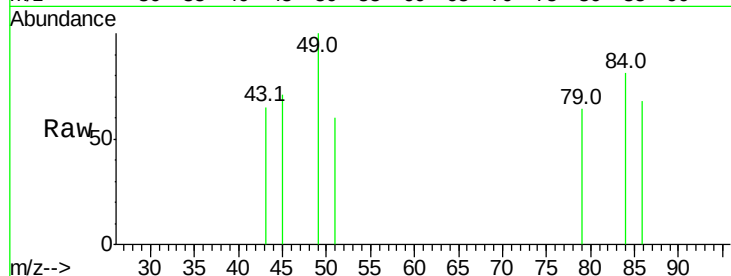
Tot Ion: 79 Resp: 462

Ion Ratio Lower Upper

79 100

52 0.0 63.7 95.5#

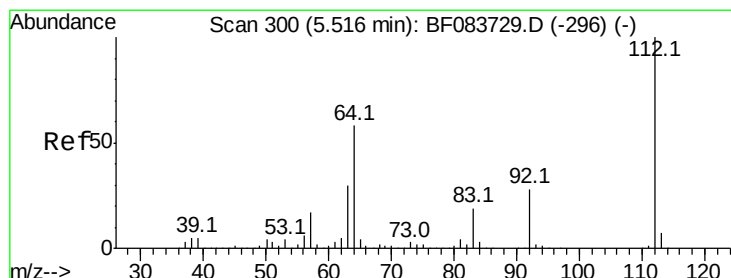
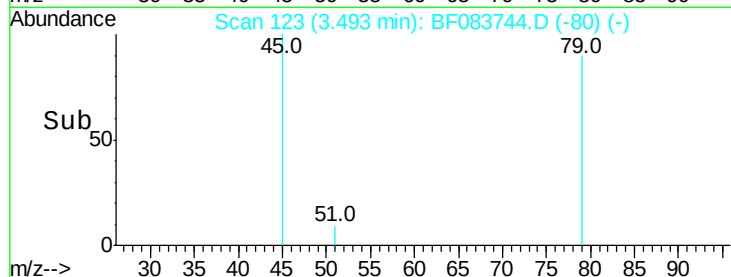
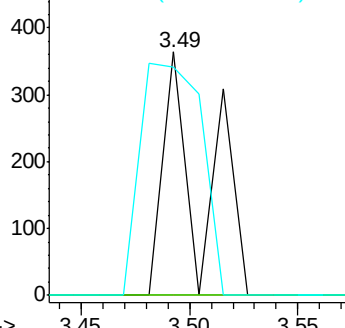
51 94.0 30.6 45.8#



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



#5

2-Fluorophenol

Concen: 127.57 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

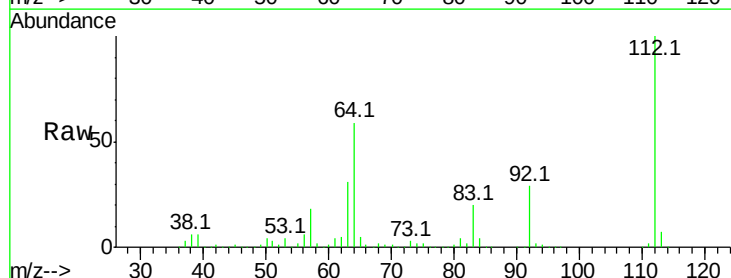
Tgt Ion: 112 Resp: 1024152

Ion Ratio Lower Upper

112 100

64 59.5 50.5 75.7

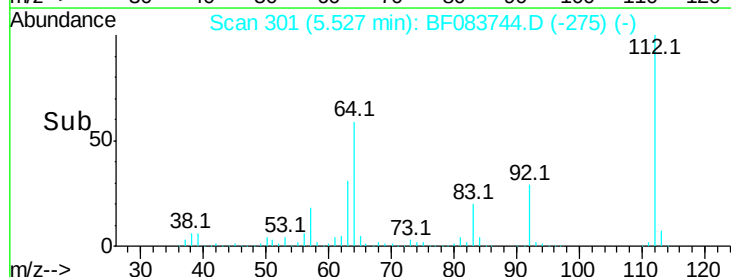
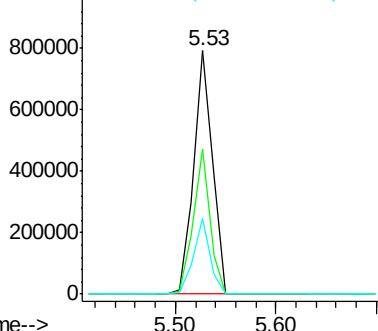
63 31.1 25.8 38.6

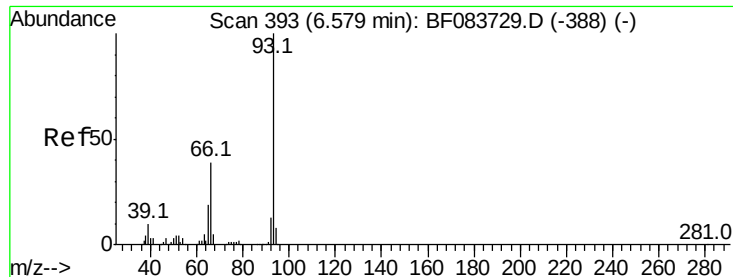


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 0.03 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.02 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

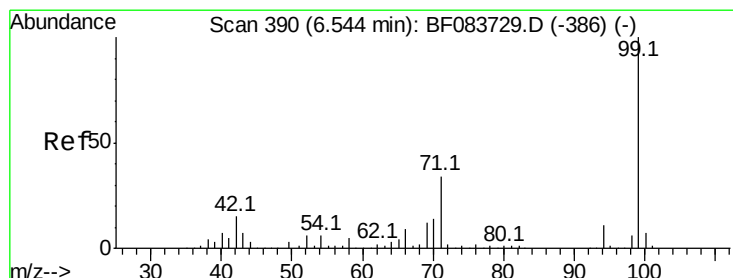
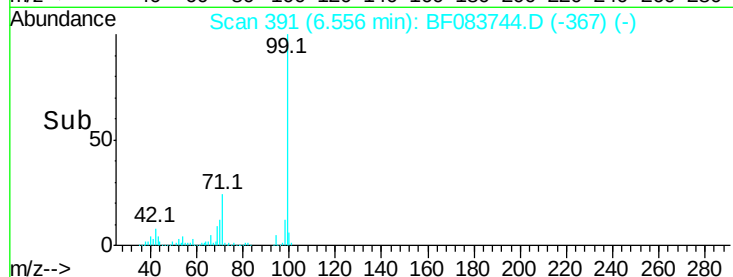
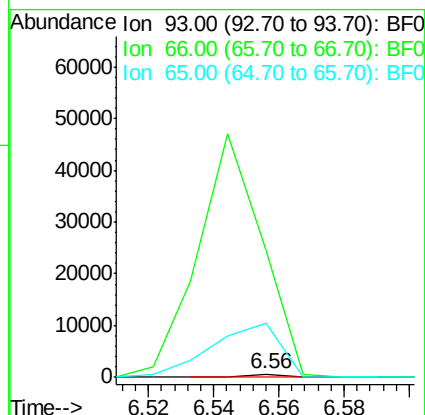
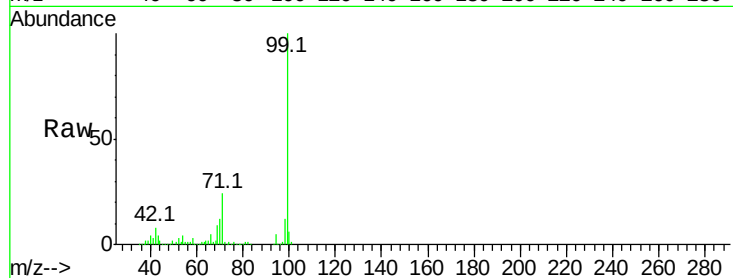
Tot Ion: 93 Resp: 403

Ion Ratio Lower Upper

93 100

66 4167.3 41.3 61.9#

65 1787.4 20.8 31.2#



#7

Phenol-d6

Concen: 127.56 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

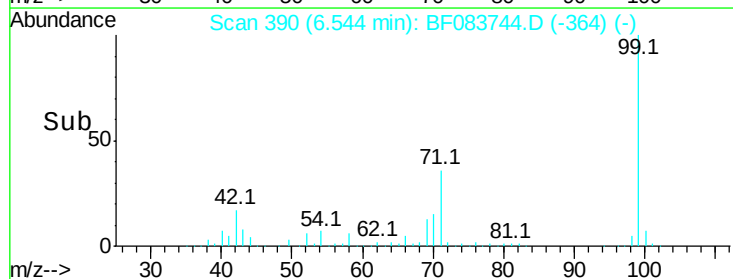
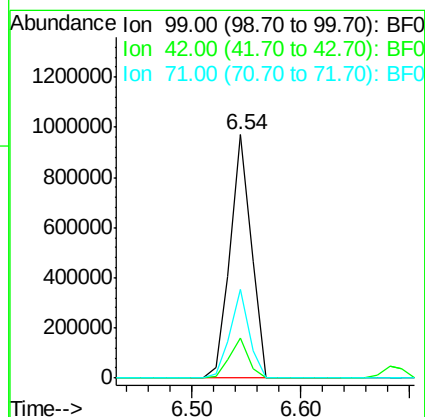
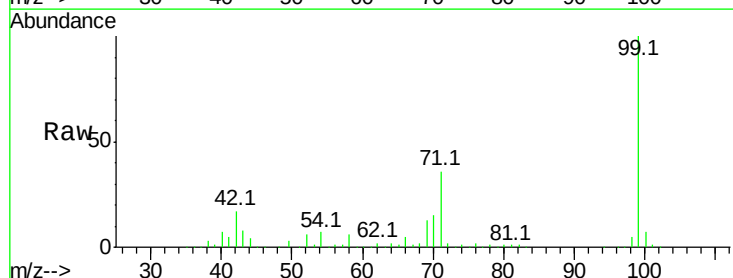
Tgt Ion: 99 Resp: 1296802

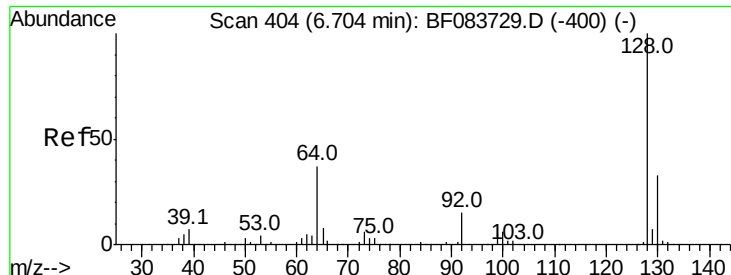
Ion Ratio Lower Upper

99 100

42 16.5 17.3 25.9#

71 36.3 26.6 40.0





#8

2-Chlorophenol

Concen: 0.07 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampled :

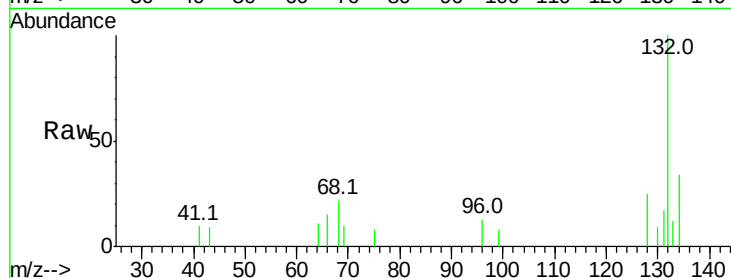
Tot Ion:128 Resp: 678

Ion Ratio Lower Upper

128 100

130 37.7 12.6 52.6

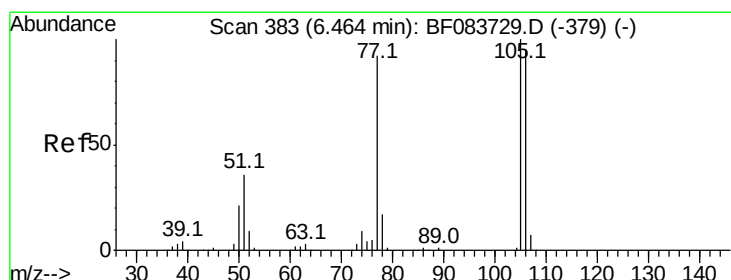
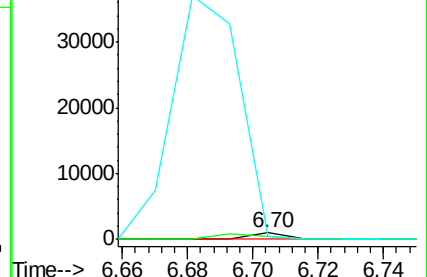
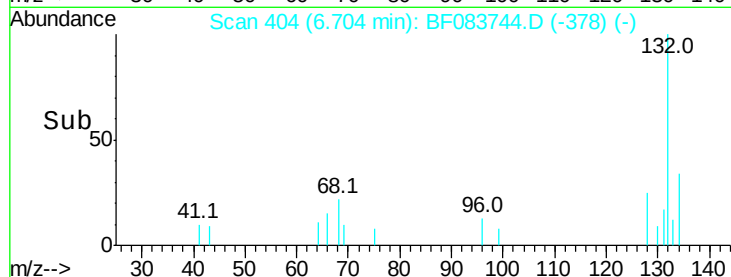
64 46.6 38.6 78.6



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: 4.62 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

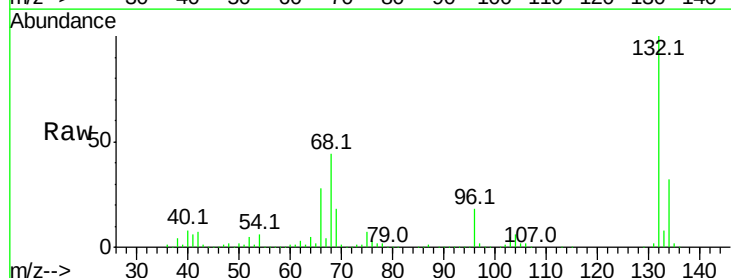
Tgt Ion: 77 Resp: 25219

Ion Ratio Lower Upper

77 100

105 77.9 71.8 111.8

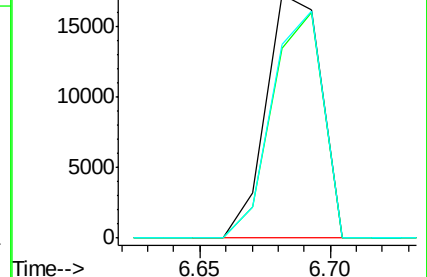
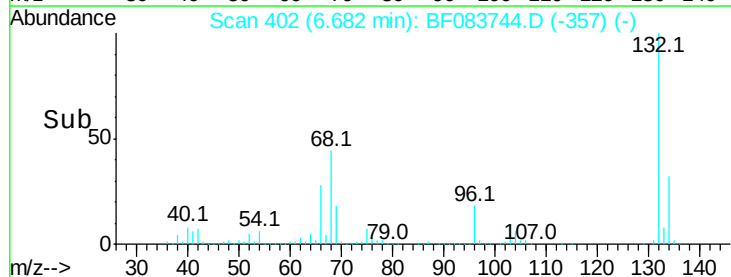
106 79.4 66.8 106.8

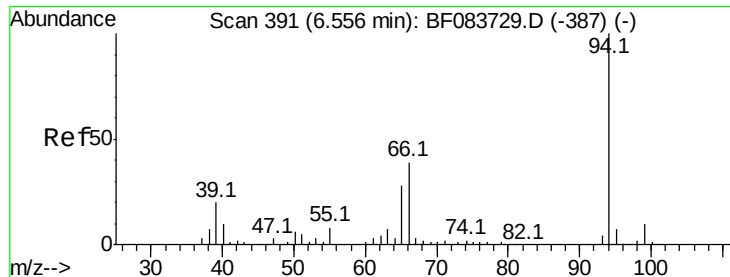


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.59 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

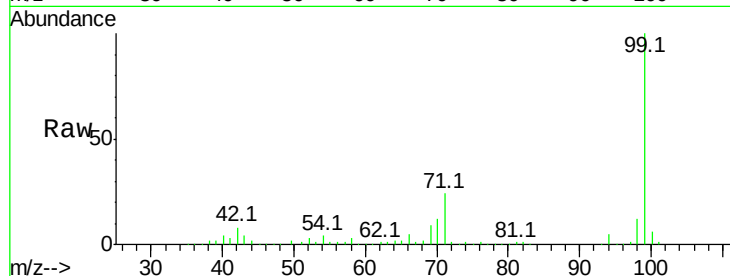
Tot Ion: 94 Resp: 18581

Ion Ratio Lower Upper

94 100

65 41.9 20.9 60.9

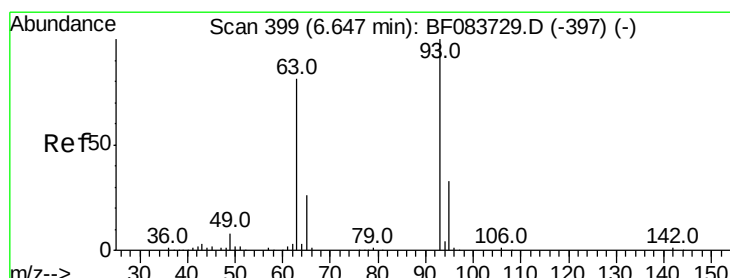
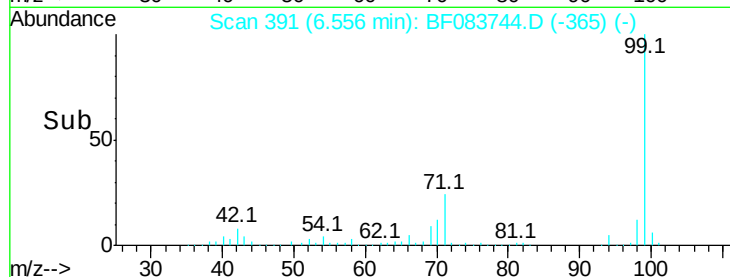
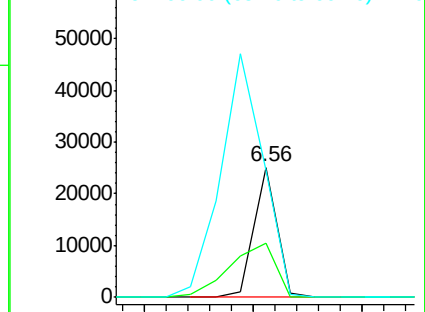
66 97.6 41.6 81.6#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 0.17 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.03 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

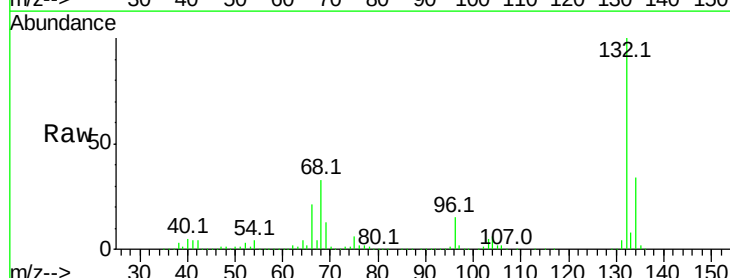
Tgt Ion: 93 Resp: 1431

Ion Ratio Lower Upper

93 100

63 667.5 64.7 104.7#

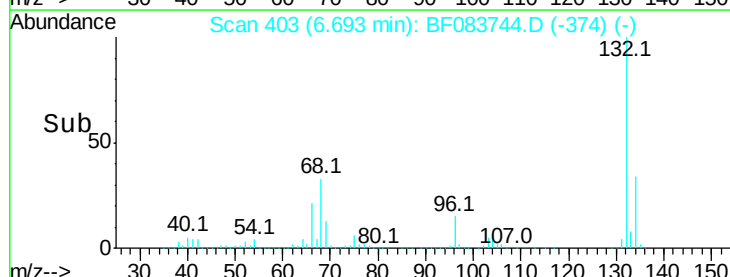
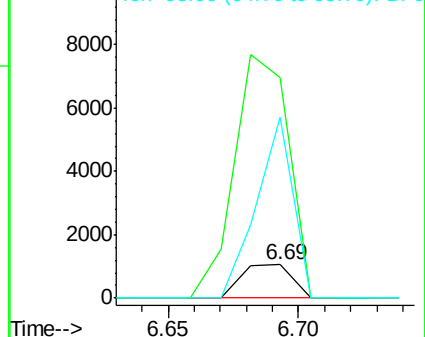
95 548.5 12.7 52.7#

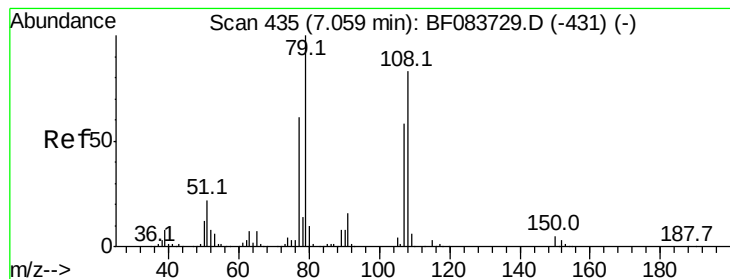


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.90 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

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ClientSampleId :

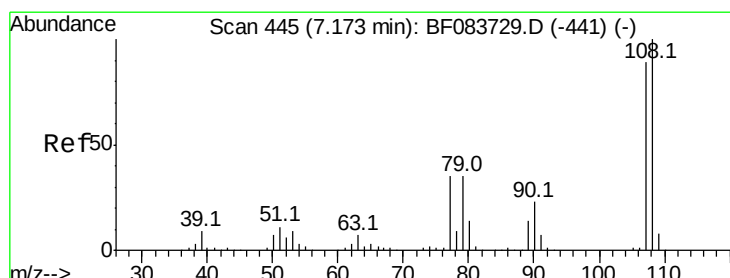
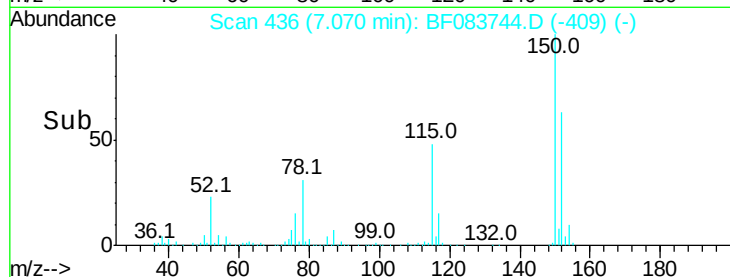
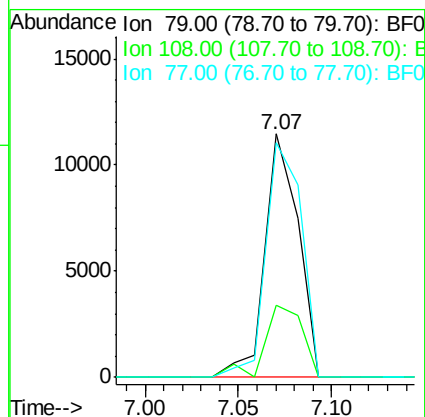
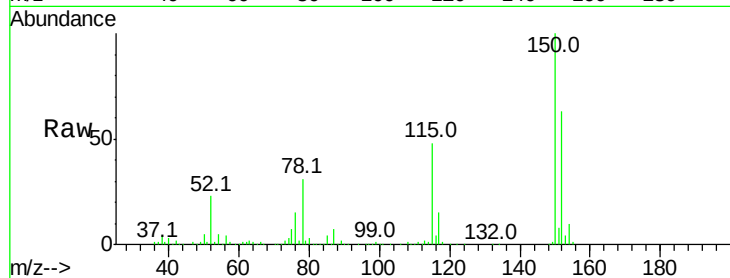
Tot Ion: 79 Resp: 14186

Ion Ratio Lower Upper

79 100

108 29.7 59.6 89.4#

77 96.3 49.8 74.6#



#17

2-Methylphenol

Concen: 0.04 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.13 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Tgt Ion: 107 Resp: 277

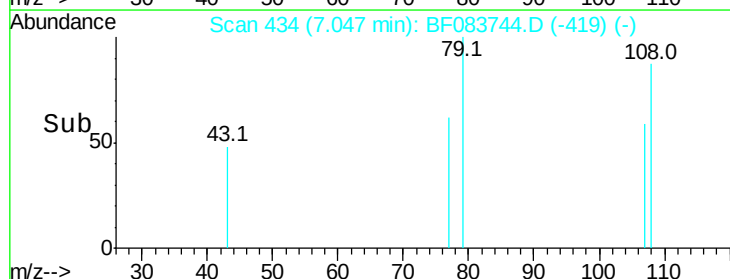
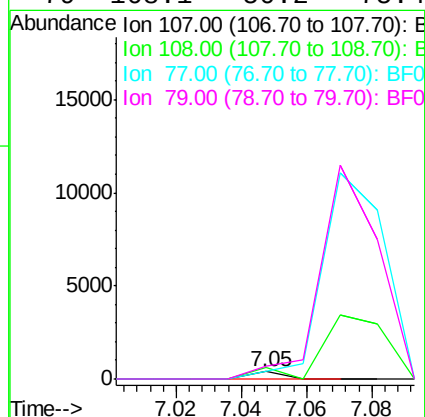
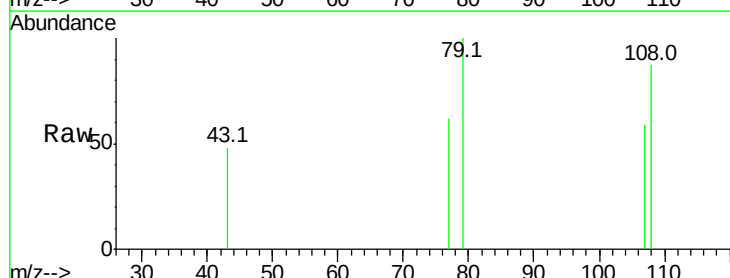
Ion Ratio Lower Upper

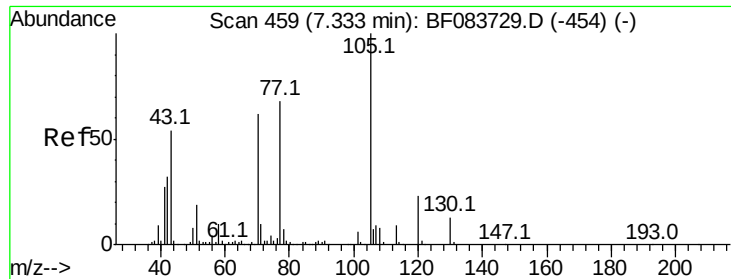
107 100

108 146.8 91.6 137.4#

77 104.5 53.7 80.5#

79 168.1 50.2 75.4#

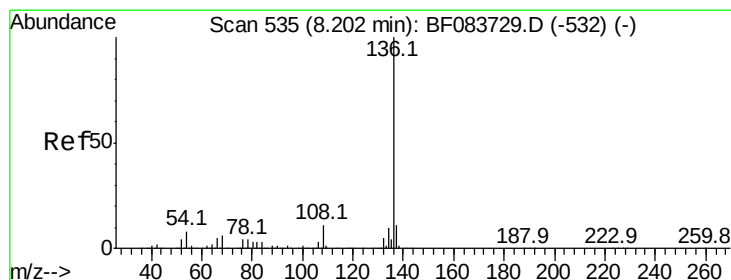
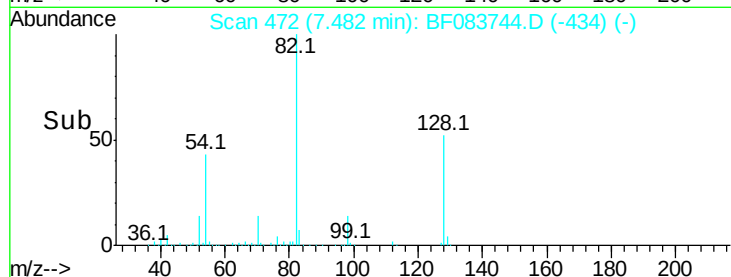
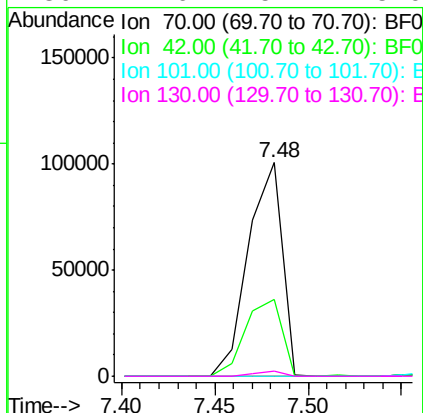
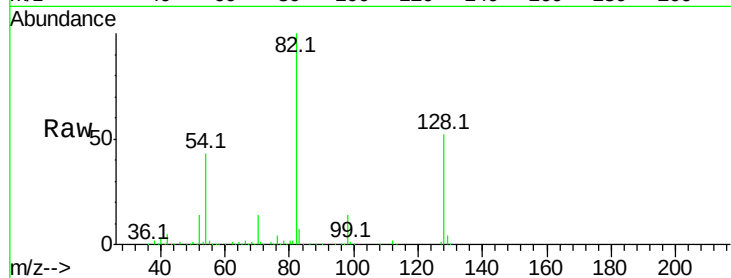




#19
n-Nitroso-di-n-propylamine
Concen: 20.68 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

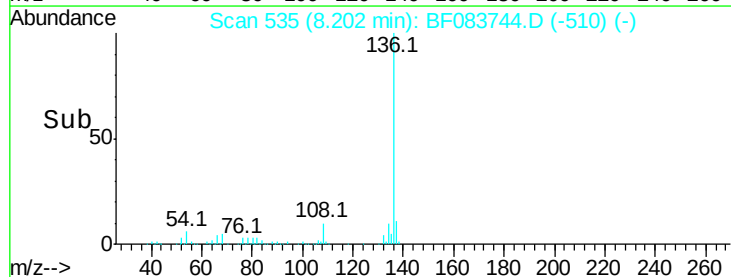
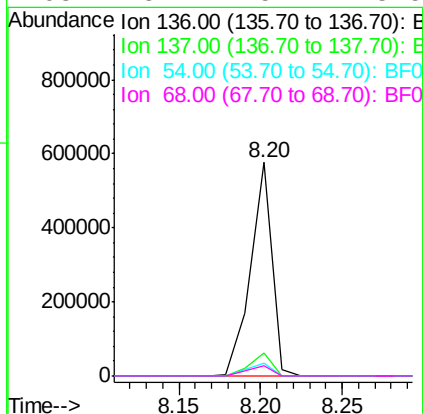
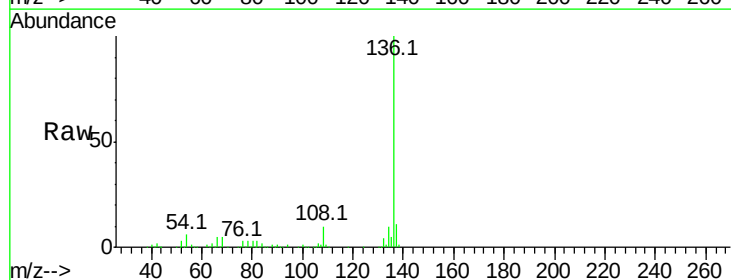
Instrument :
BNA_F
ClientSampleId :

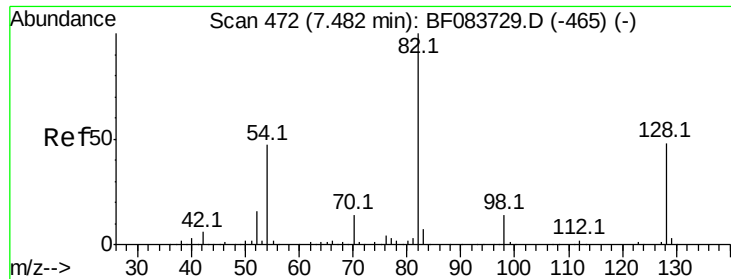
Tot Ion: 70 Resp: 128734
Ion Ratio Lower Upper
70 100
42 36.1 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Tgt Ion:136 Resp: 525320
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 7.8 11.6#
68 5.1 5.7 8.5#

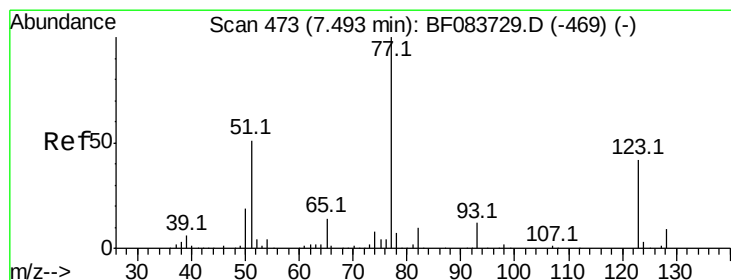
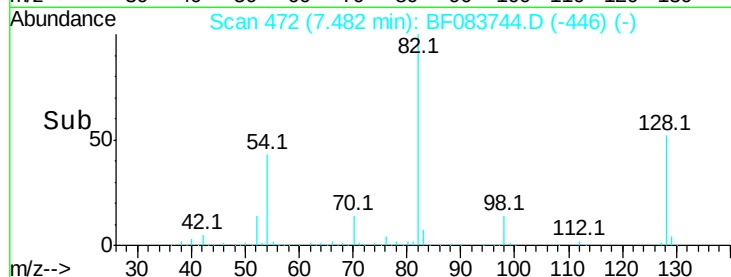
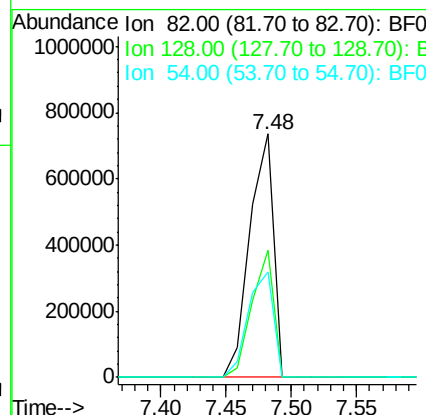
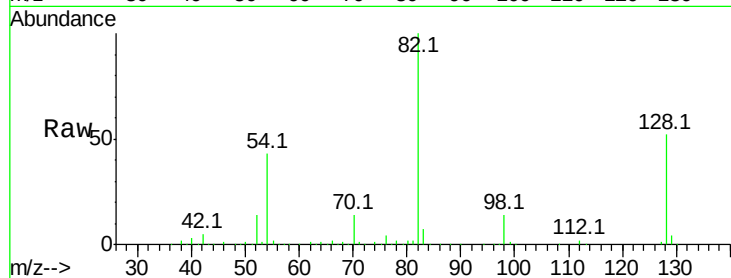




#23
 Nitrobenzene-d5
 Concen: 98.90 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

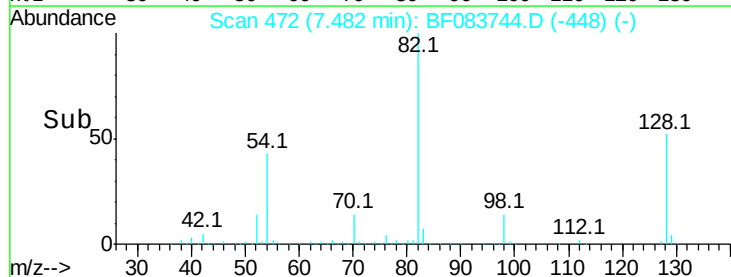
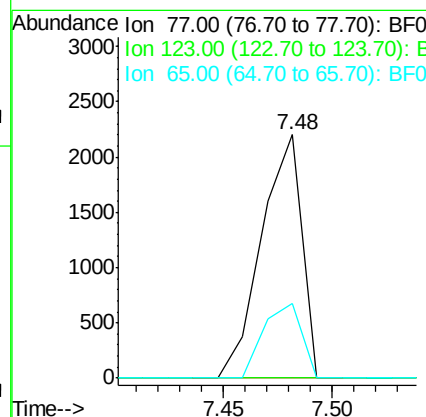
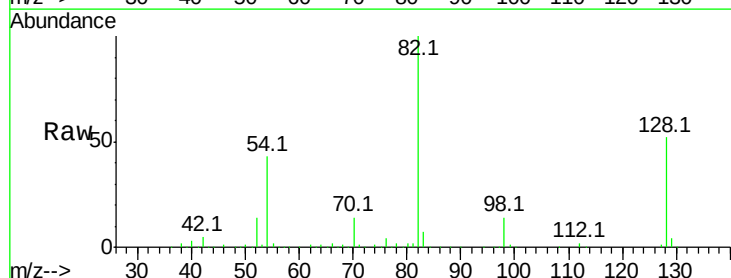
Instrument :
 BNA_F
 ClientSampled :

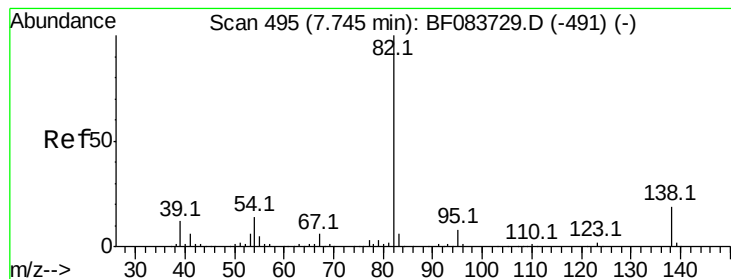
Tot Ion	82	Resp	928677
Ion Ratio	100	Lower	Upper
128	52.1	30.7	46.1#
54	43.1	42.5	63.7



#24
 Nitrobenzene
 Concen: 0.29 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion	77	Resp	2865
Ion Ratio	100	Lower	Upper
123	0.0	29.8	44.6#
65	30.6	11.1	16.7#





#25

Isophorone

Concen: 47.03 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampled :

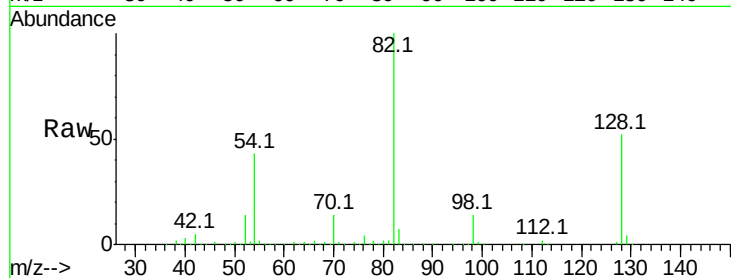
Tot Ion: 82 Resp: 866419

Ion Ratio Lower Upper

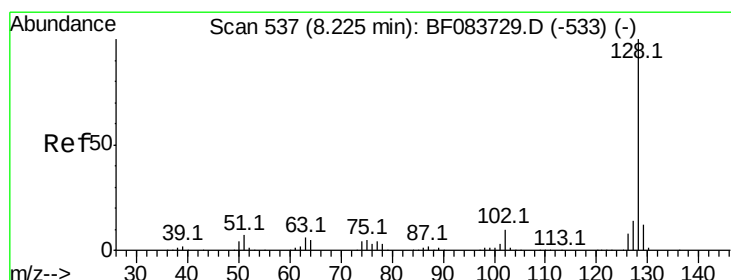
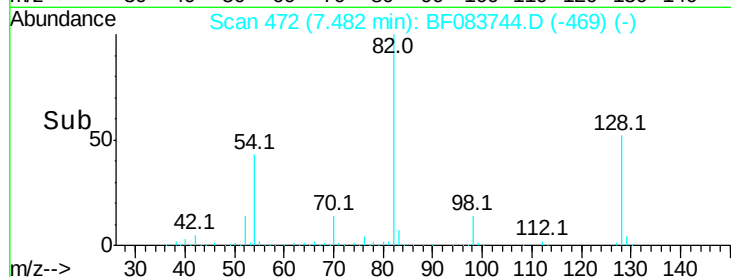
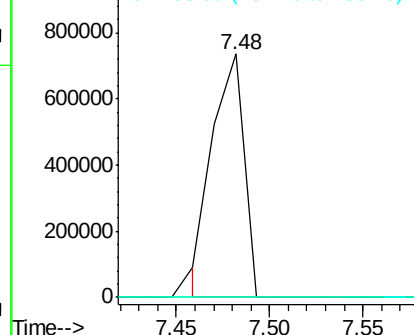
82 100

95 0.0 5.0 7.4#

138 0.0 12.1 18.1#



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



#31

Naphthalene

Concen: 0.03 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

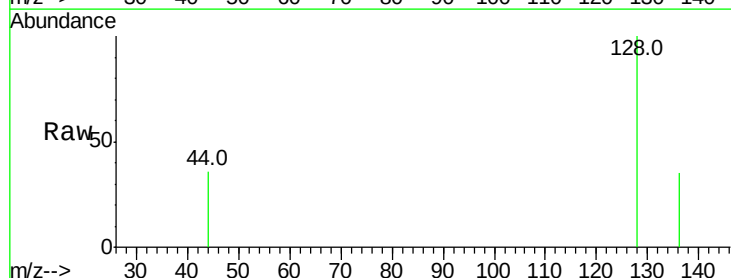
Tgt Ion: 128 Resp: 939

Ion Ratio Lower Upper

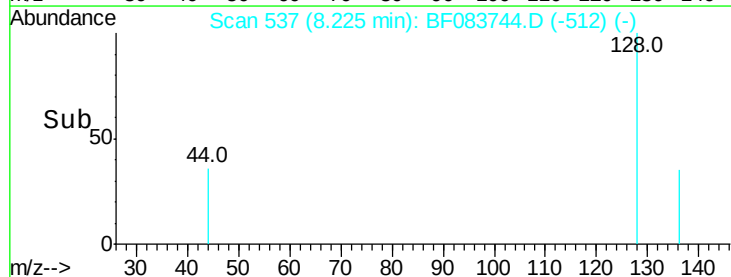
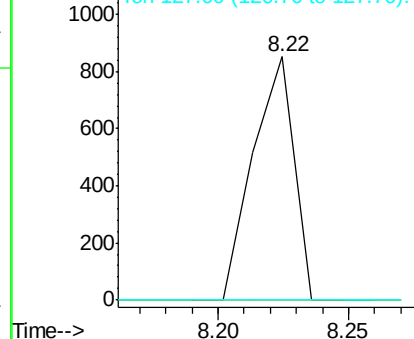
128 100

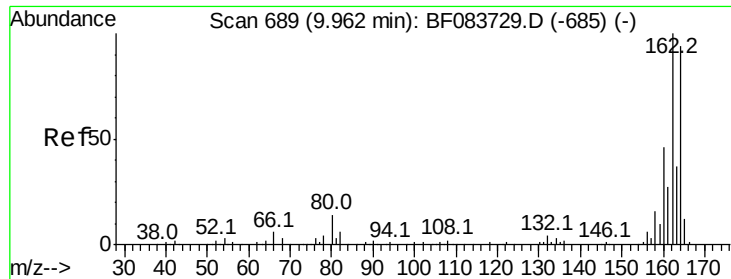
129 0.0 8.6 13.0#

127 0.0 10.6 16.0#



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

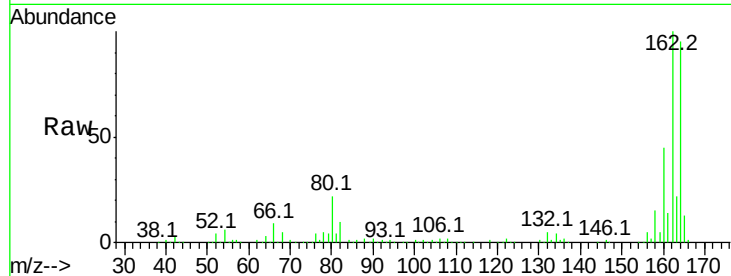




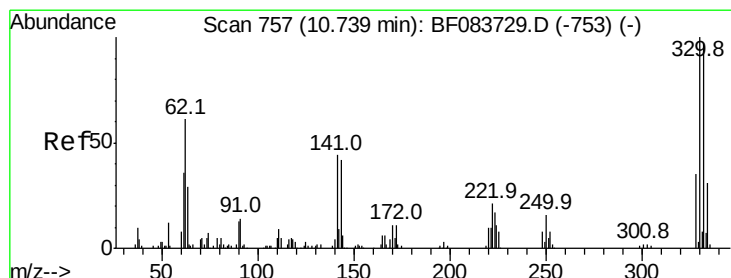
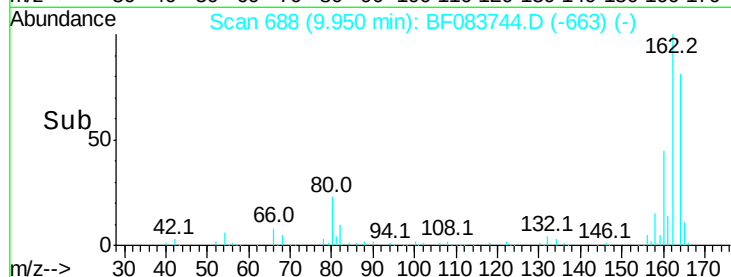
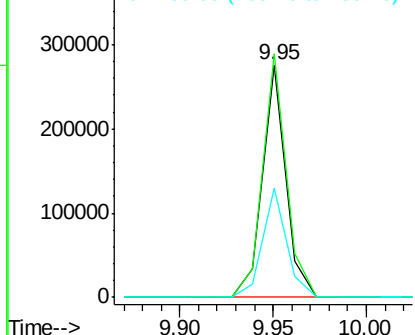
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 241319
Ion Ratio Lower Upper
164 100
162 104.8 78.8 118.2
160 46.9 33.4 50.2

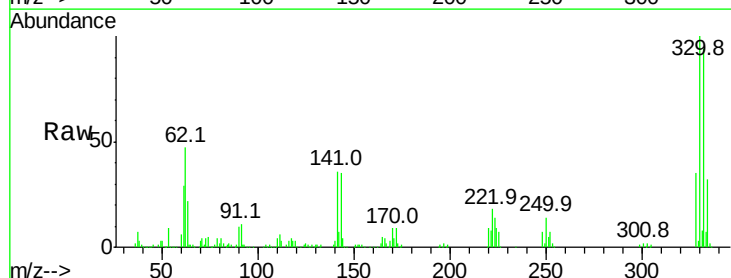


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

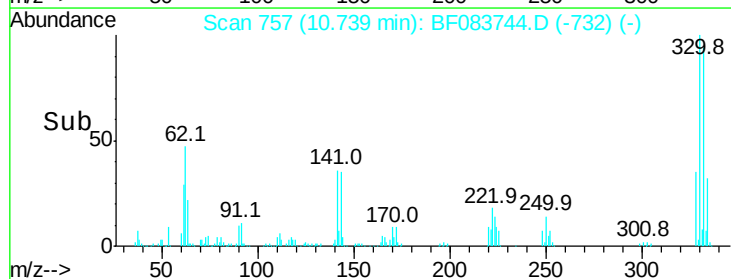
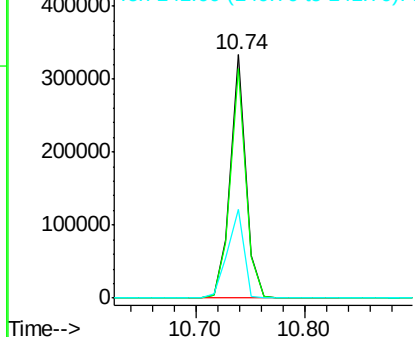


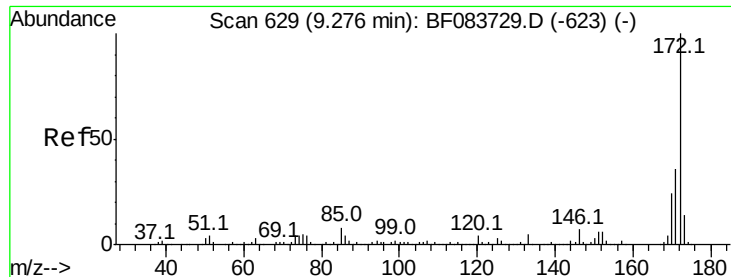
#41
2,4,6-Tribromophenol
Concen: 133.99 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Tgt Ion:330 Resp: 329491
Ion Ratio Lower Upper
330 100
332 95.0 0.0 0.0#
141 38.7 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



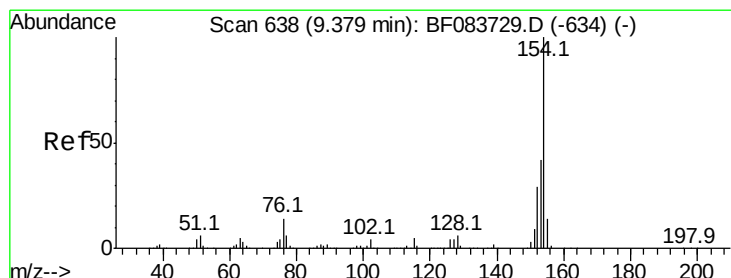
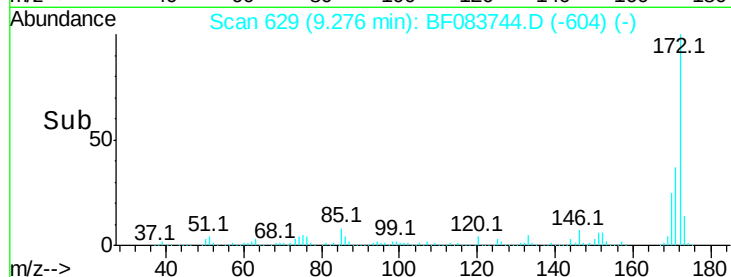
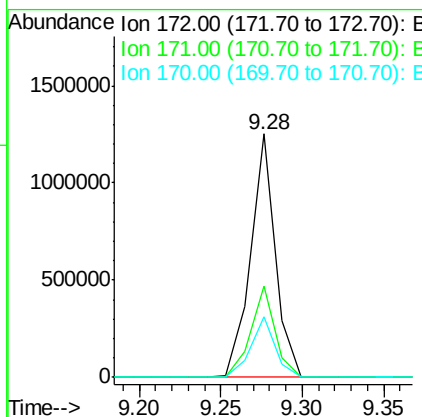
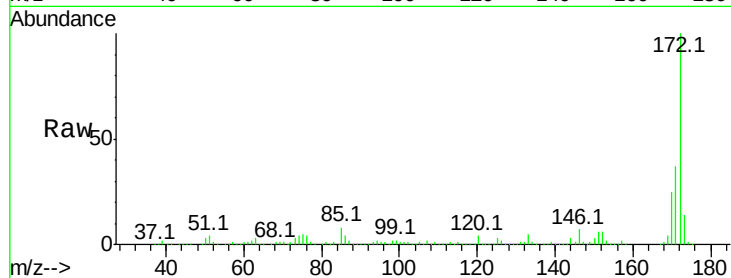


#44
 2-Fluorobiphenyl
 Concen: 78.17 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1319259

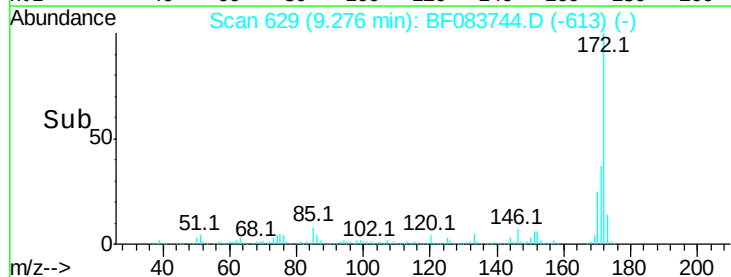
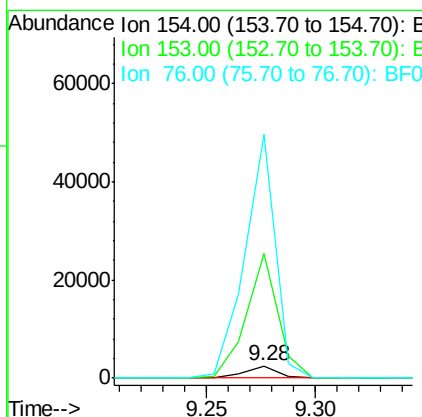
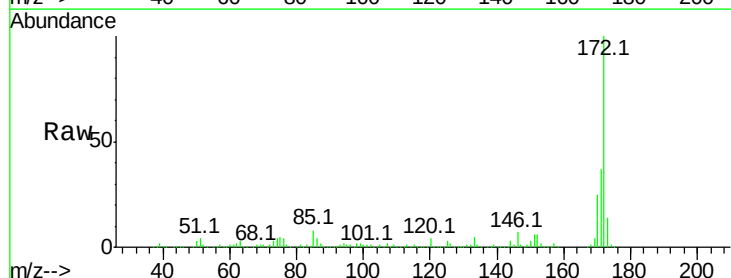
Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.6	42.8
170	24.8	19.4	29.0

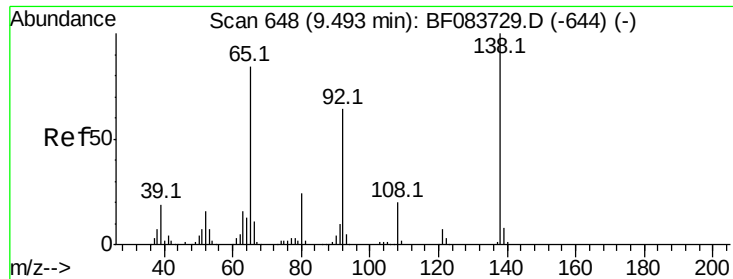


#45
 1,1'-Biphenyl
 Concen: 0.12 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.11 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion:154 Resp: 2536

Ion	Ratio	Lower	Upper
154	100		
153	991.9	20.2	60.2#
76	1940.1	0.0	34.8#

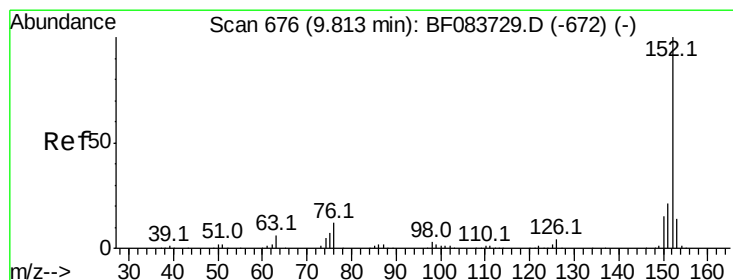
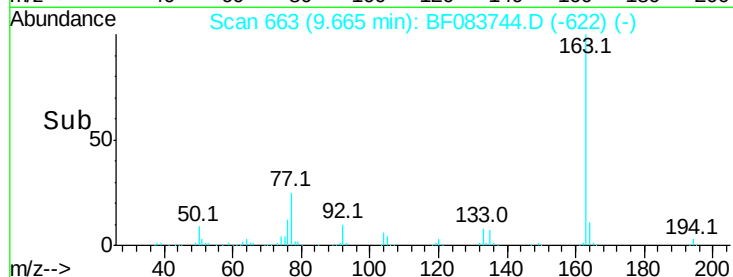
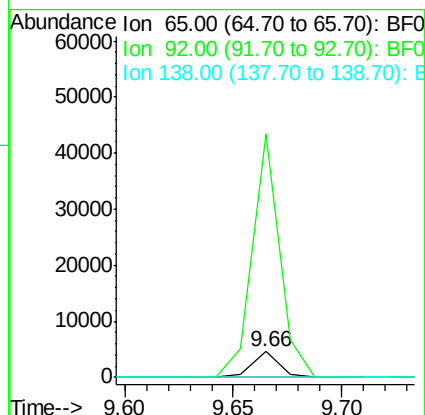
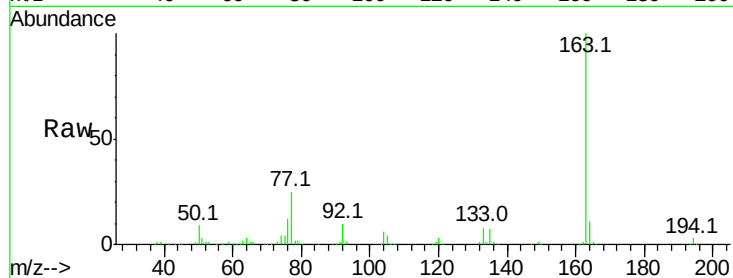




#47
2-Nitroaniline
Concen: 0.86 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

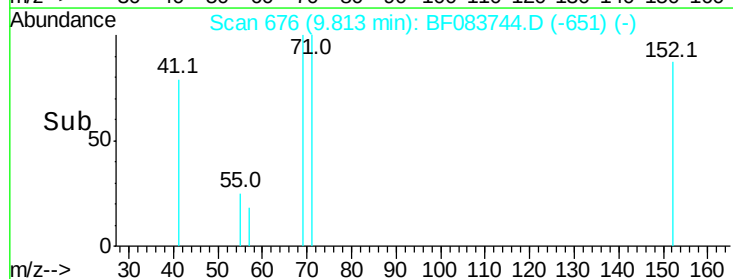
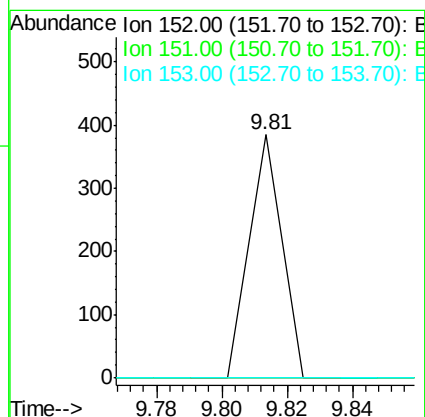
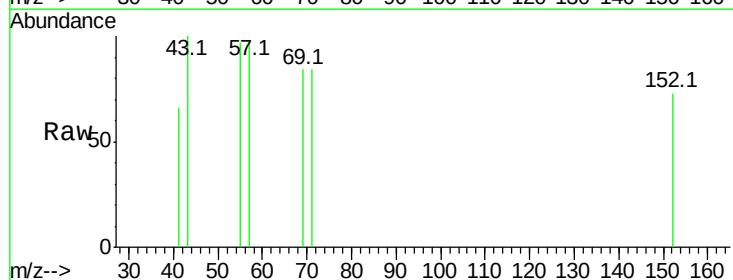
Instrument :
BNA_F
ClientSampleId :

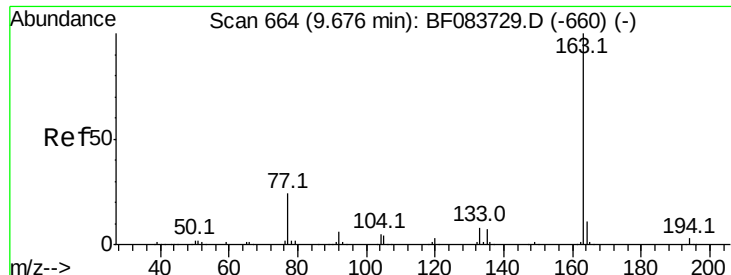
Tot Ion: 65 Resp: 3868
Ion Ratio Lower Upper
65 100
92 958.6 49.6 74.4#
138 0.0 64.1 96.1#



#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Tgt Ion: 152 Resp: 264
Ion Ratio Lower Upper
152 100
151 0.0 16.3 24.5#
153 0.0 10.8 16.2#





#49

Dimethylphthalate

Concen: 22.42 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

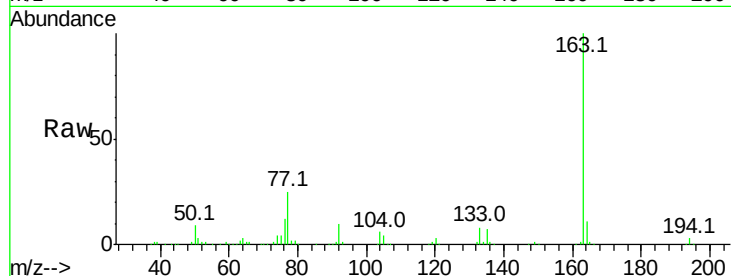
Tot Ion:163 Resp: 421763

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

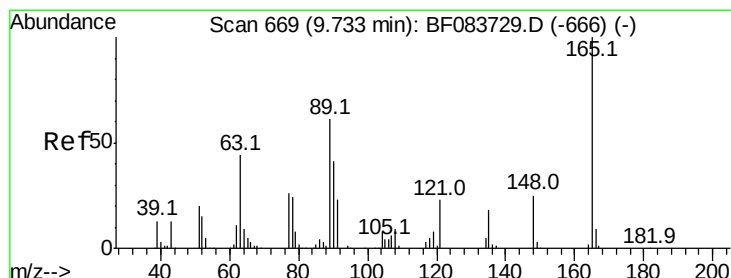
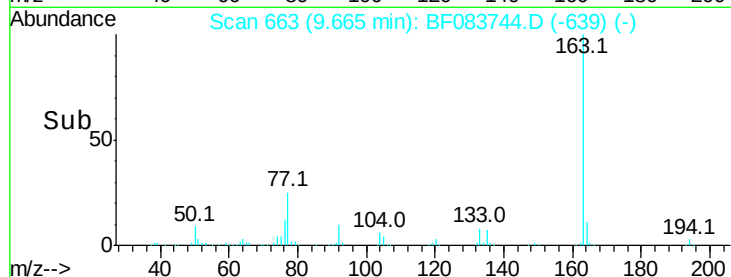
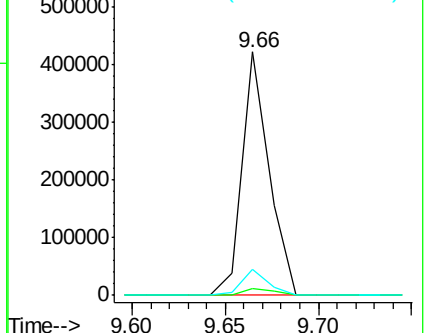
164 10.6 8.6 13.0



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: 1.18 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.08 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

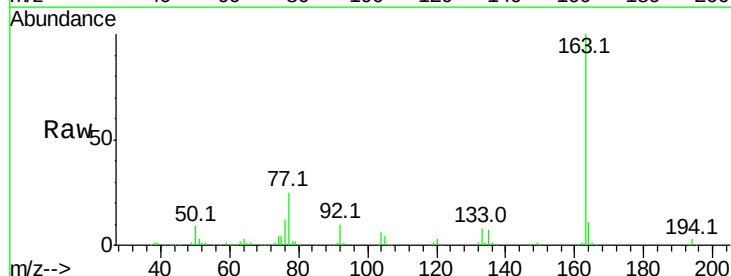
Tgt Ion:165 Resp: 4724

Ion Ratio Lower Upper

165 100

63 164.3 56.9 85.3#

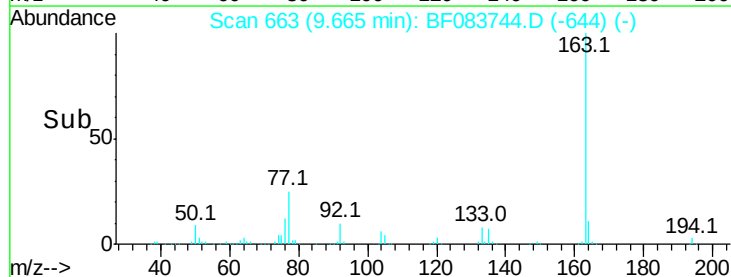
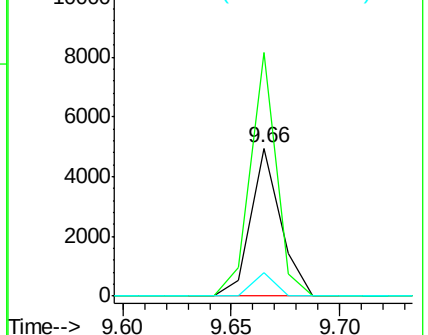
89 15.7 52.1 78.1#

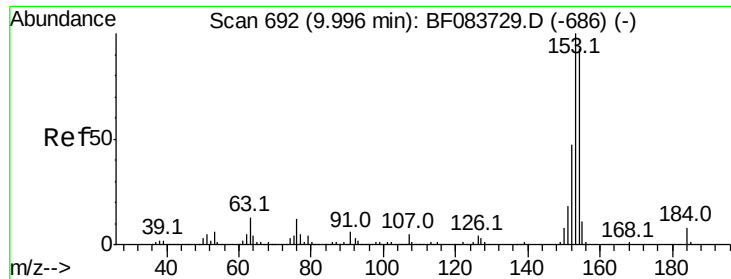


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 0.05 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.05 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

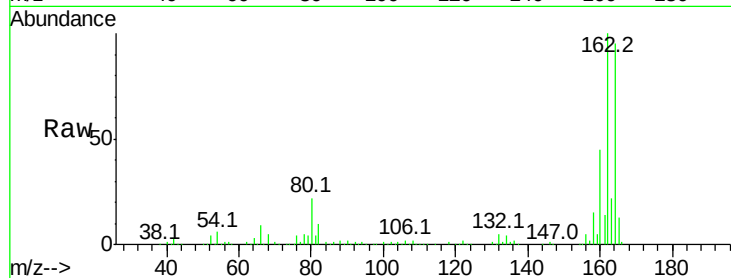
Tot Ion:154 Resp: 729

Ion Ratio Lower Upper

154 100

153 0.0 91.4 137.0#

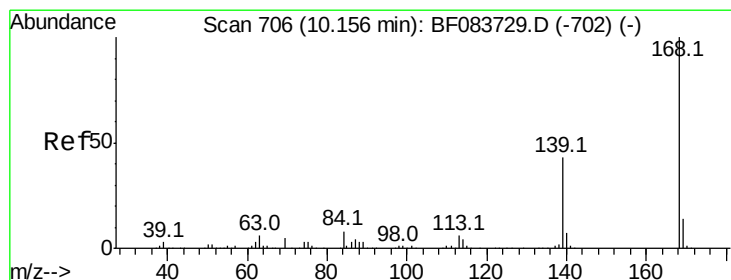
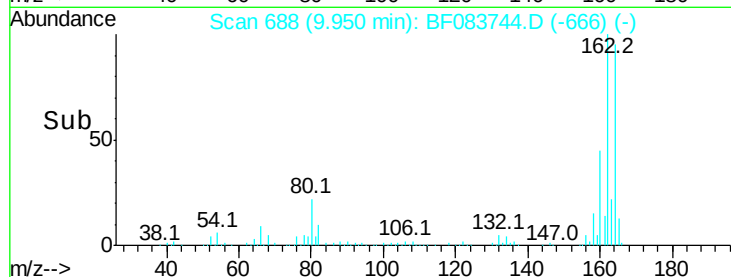
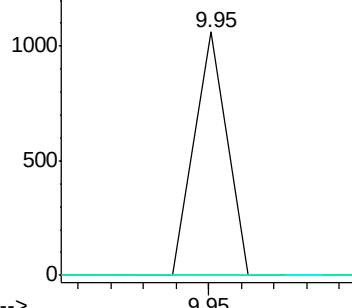
152 0.0 43.4 65.2#



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



#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

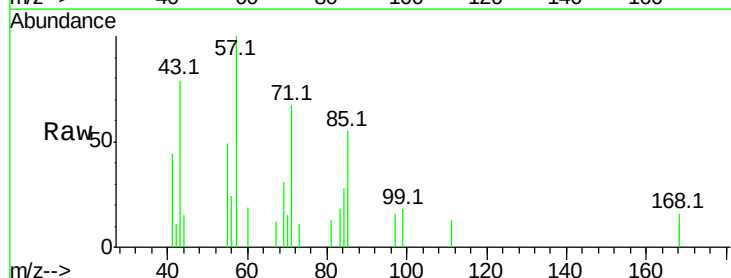
Tgt Ion:168 Resp: 291

Ion Ratio Lower Upper

168 100

139 0.0 28.0 42.0#

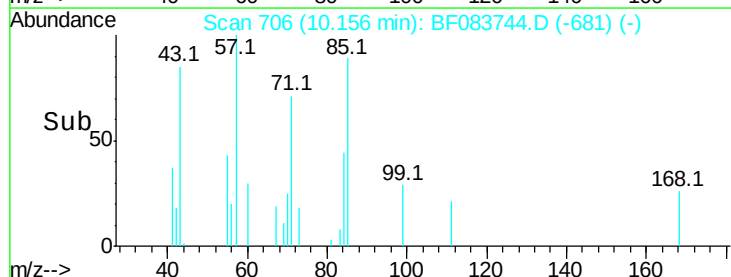
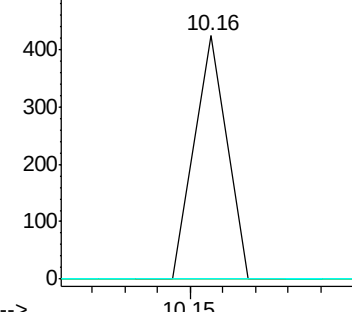
169 0.0 10.8 16.2#

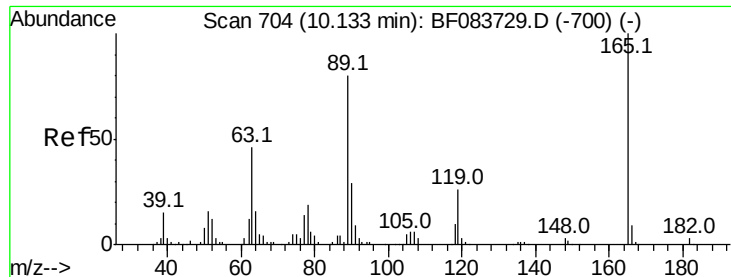


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 31770

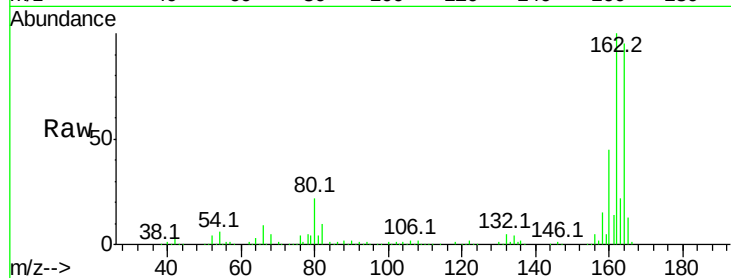
Ion Ratio Lower Upper

165 100

63 1.2 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

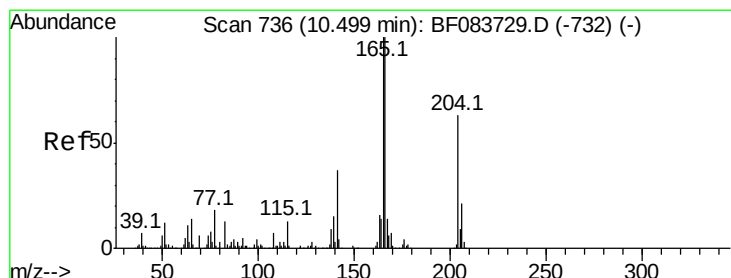
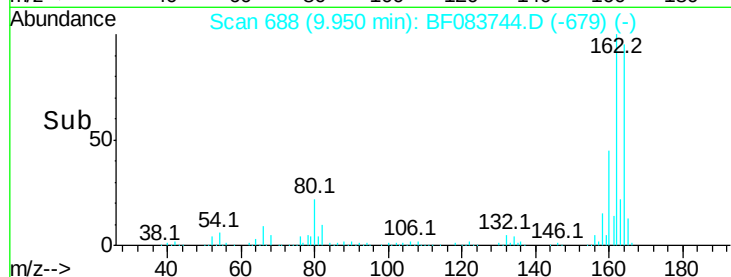
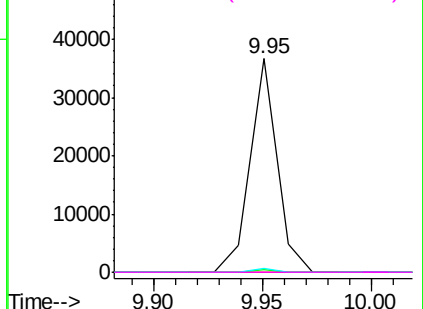


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.95 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.23 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

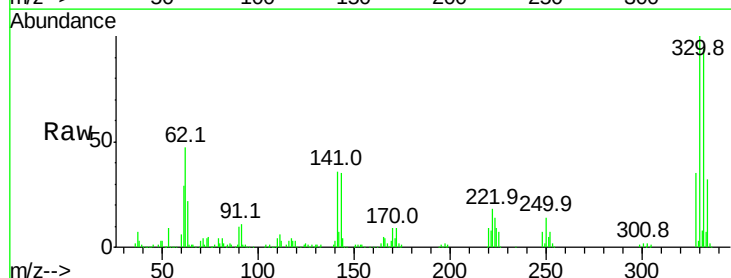
Tgt Ion:166 Resp: 15888

Ion Ratio Lower Upper

166 100

165 102.8 80.0 120.0

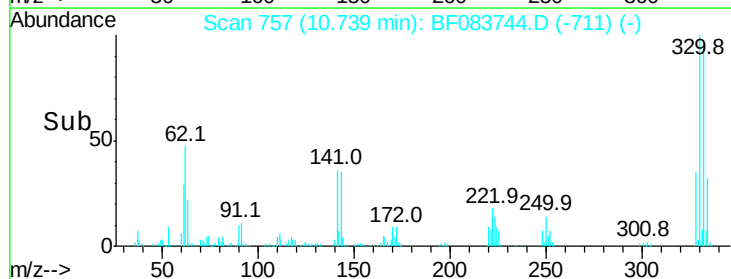
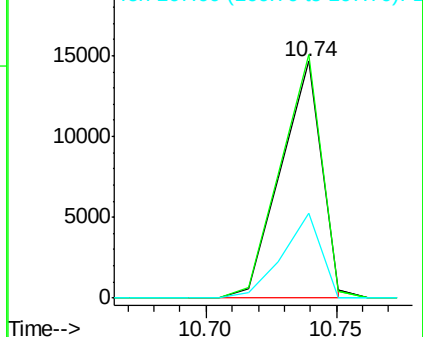
167 35.8 10.6 16.0#

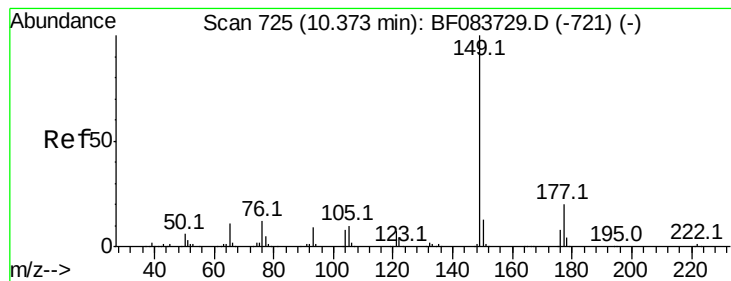


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.07 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampled :

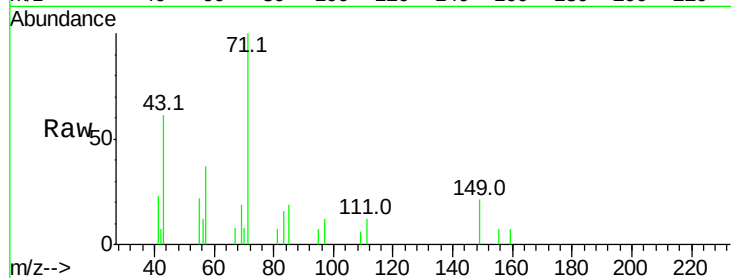
Tot Ion:149 Resp: 1298

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

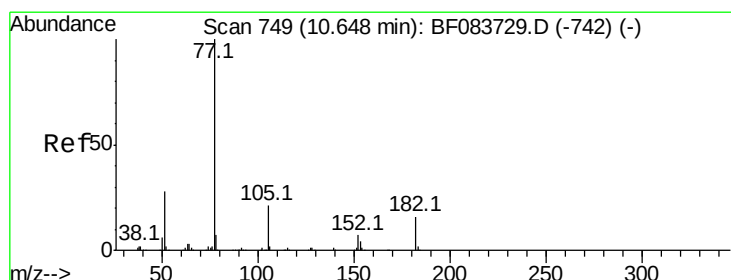
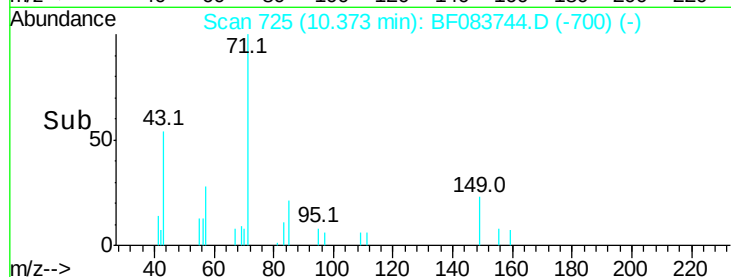
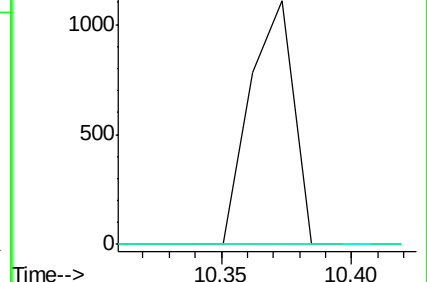
150 0.0 10.2 15.4#



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



#62

Azobenzene

Concen: 0.11 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.08 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Tgt Ion: 77 Resp: 1880

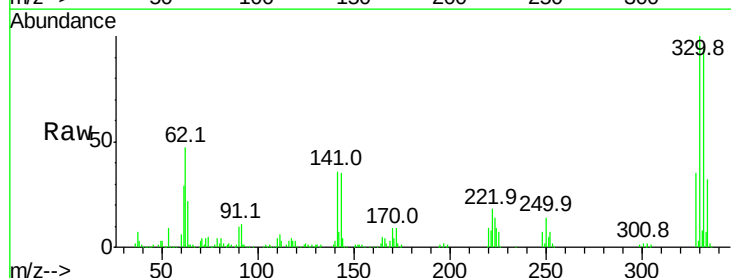
Ion Ratio Lower Upper

77 100

182 0.0 2.5 42.5#

105 87.8 2.1 42.1#

51 68.6 9.3 49.3#

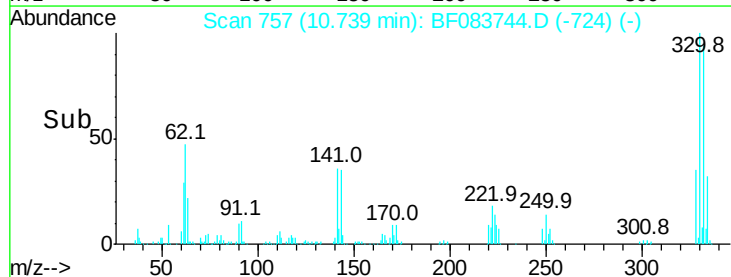
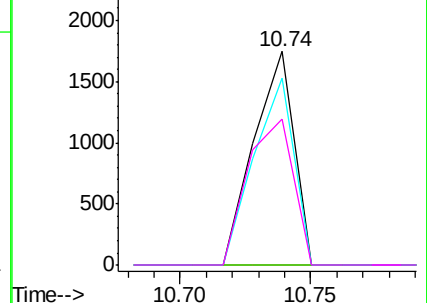


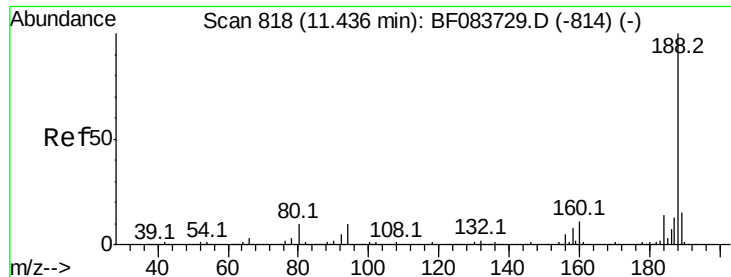
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

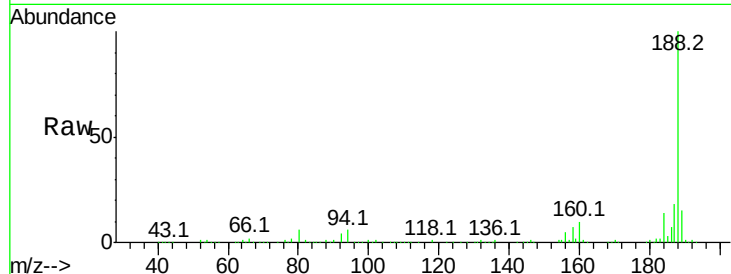




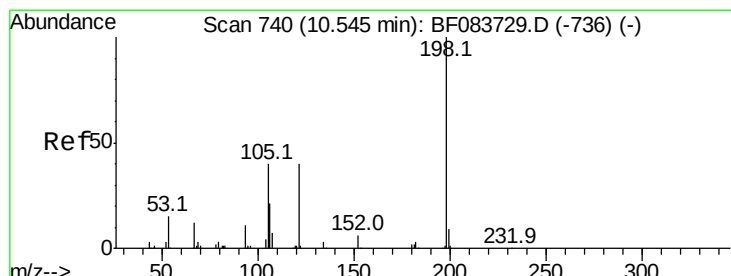
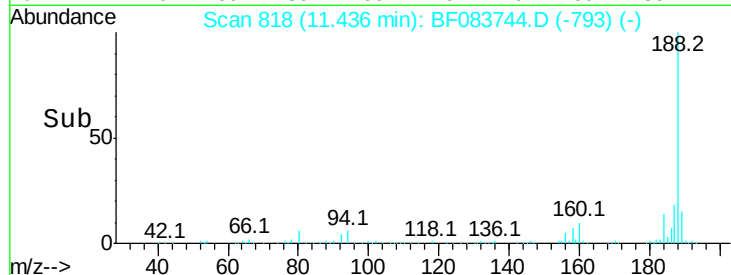
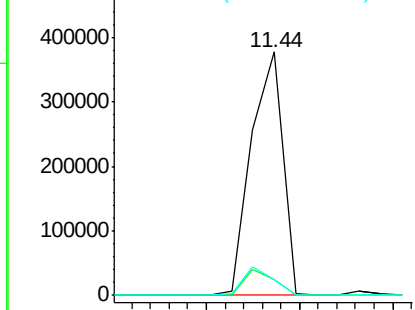
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 442888
 Ion Ratio Lower Upper
 188 100
 94 6.4 9.4 14.2#
 80 6.3 10.6 16.0#

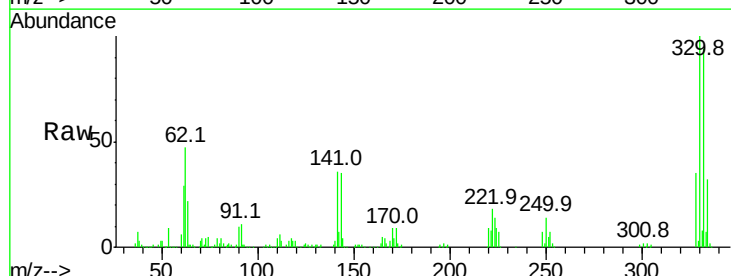


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

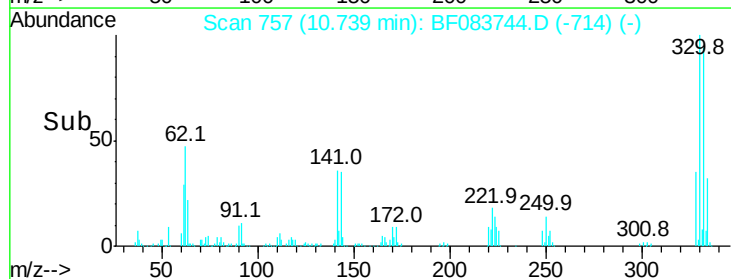
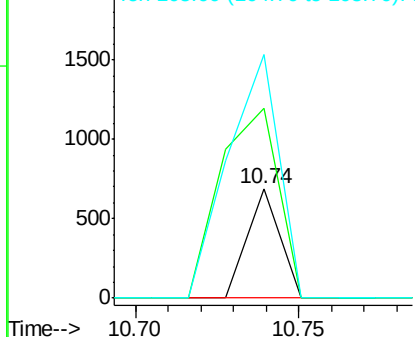


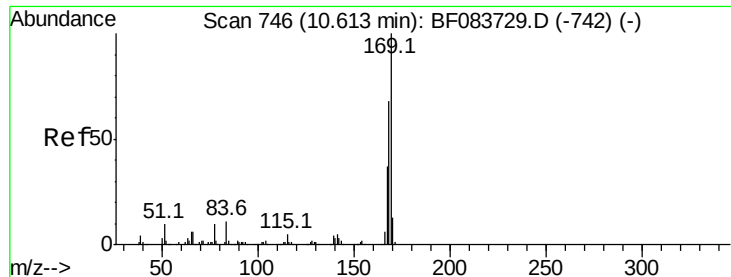
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.19 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.20 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion:198 Resp: 472
 Ion Ratio Lower Upper
 198 100
 51 174.0 53.8 93.8#
 105 222.5 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: 0.75 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampled :

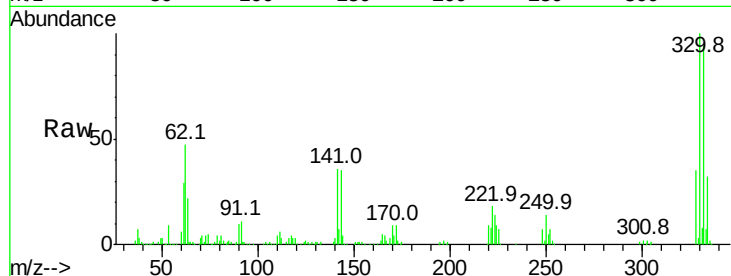
Tot Ion:169 Resp: 11378

Ion Ratio Lower Upper

169 100

168 7.4 53.0 79.6#

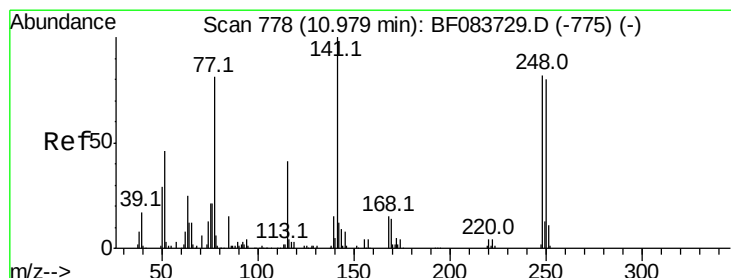
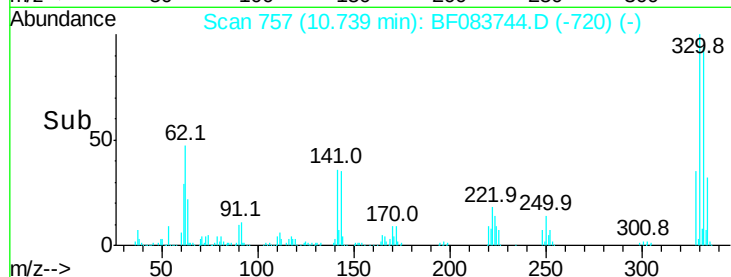
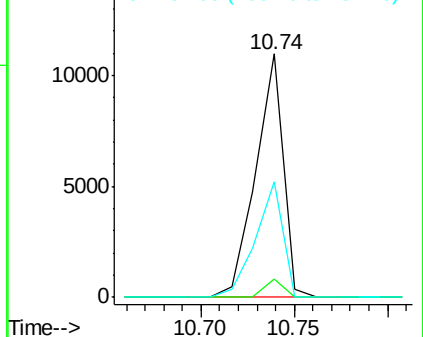
167 47.8 29.3 43.9#



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: 4.79 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

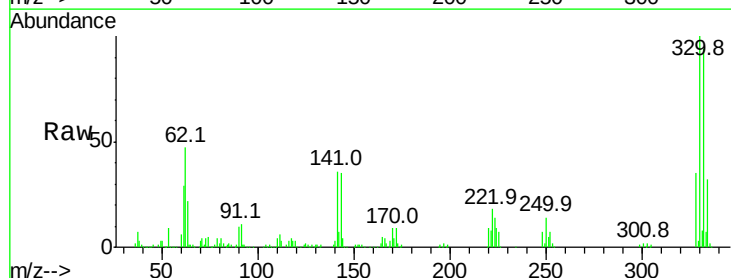
Tgt Ion:248 Resp: 23735

Ion Ratio Lower Upper

248 100

250 195.3 79.2 118.8#

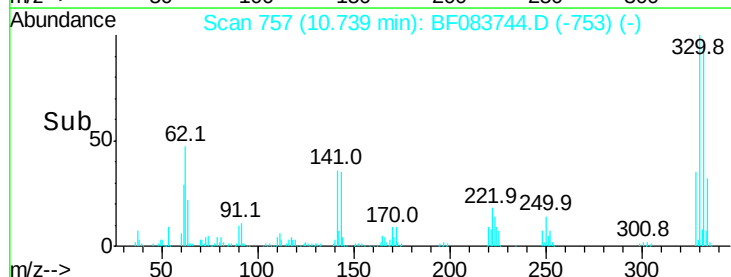
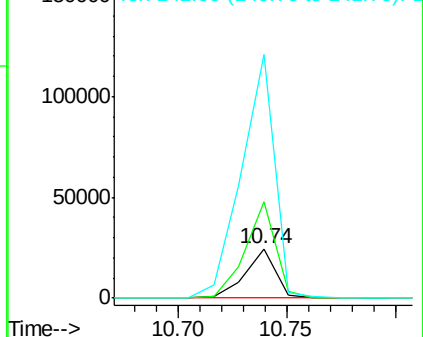
141 493.1 58.2 87.4#

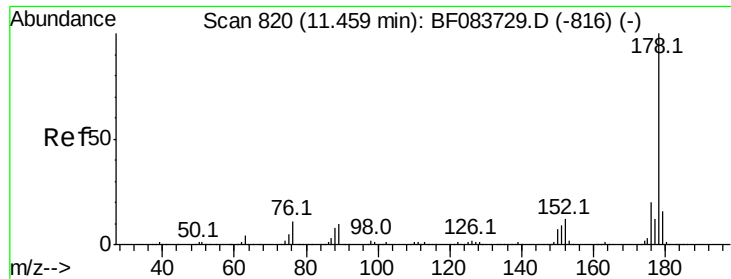


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

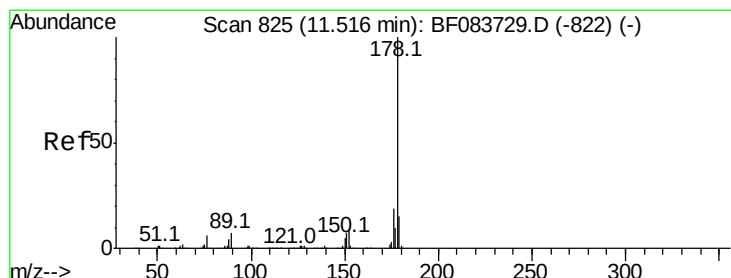
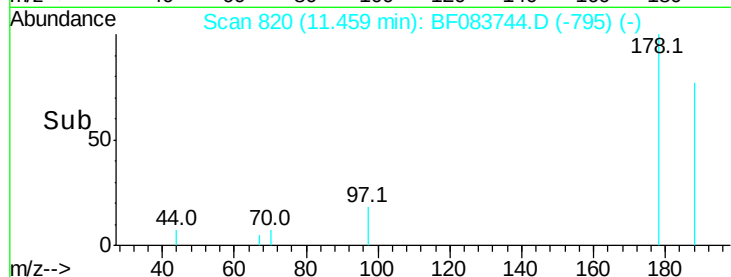
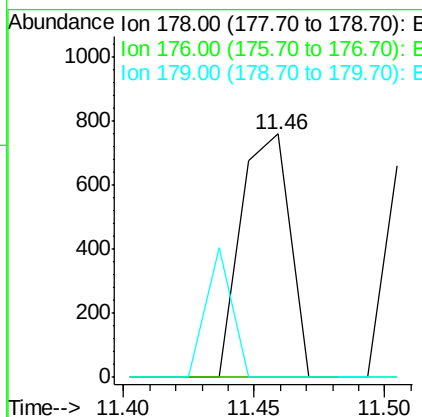
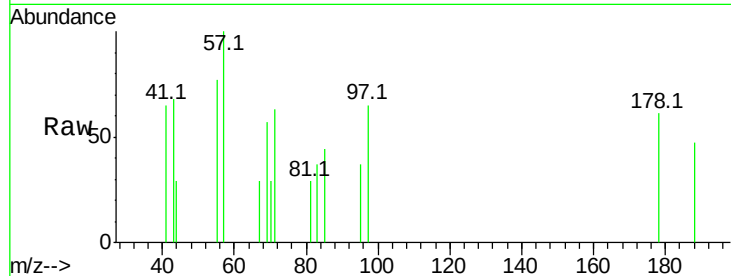




#70
 Phenanthrene
 Concen: 0.04 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

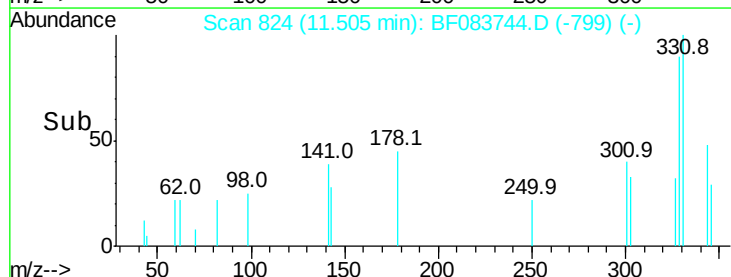
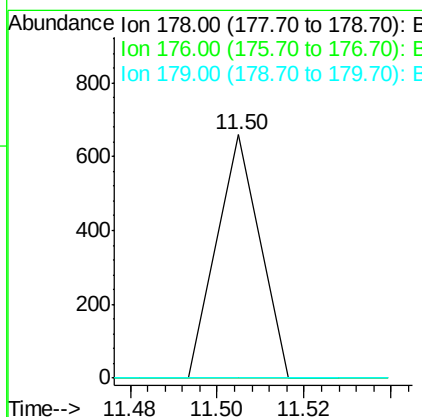
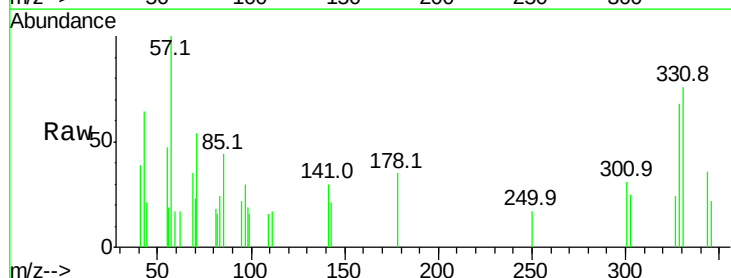
Instrument :
 BNA_F
 ClientSampled :

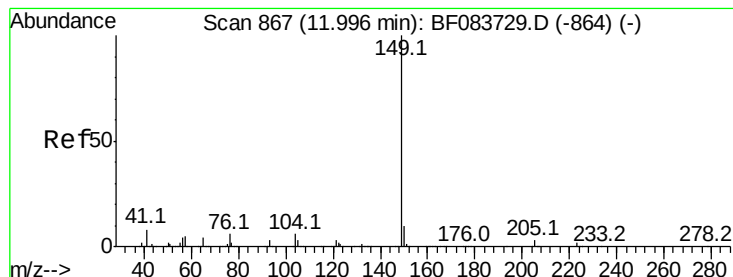
Tot Ion:178 Resp: 985
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.7 23.5#
 179 0.0 12.2 18.4#



#71
 Anthracene
 Concen: 0.02 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion:178 Resp: 453
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.2 22.8#
 179 0.0 12.6 18.8#





#73

Di-n-butylphthalate

Concen: 0.04 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

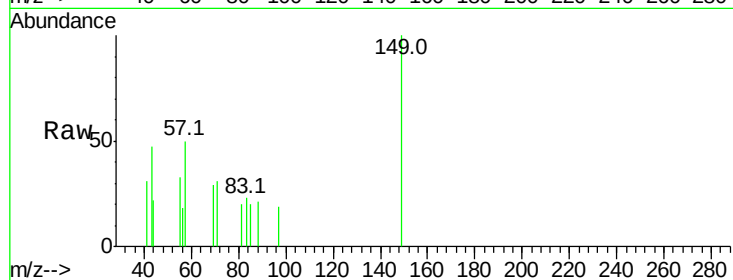
Tot Ion:149 Resp: 1230

Ion Ratio Lower Upper

149 100

150 0.0 7.8 11.6#

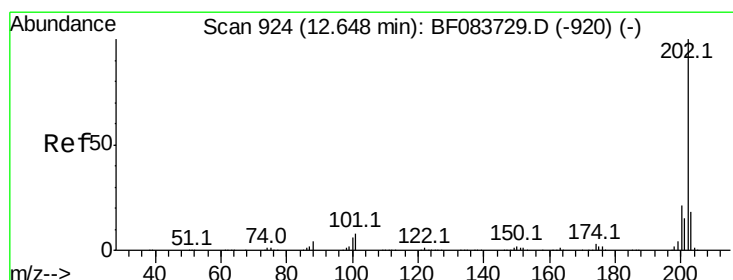
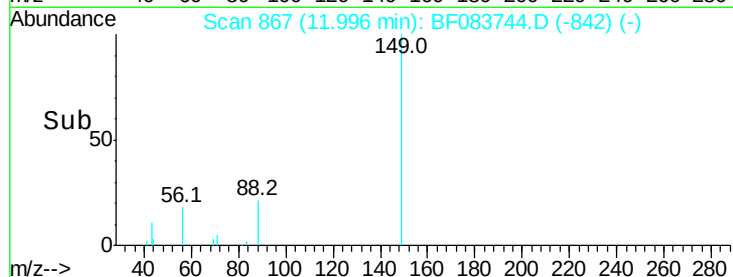
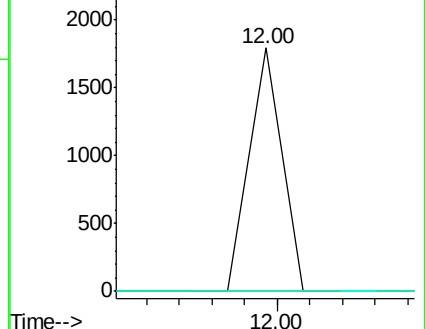
104 0.0 3.9 5.9#



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: 0.04 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

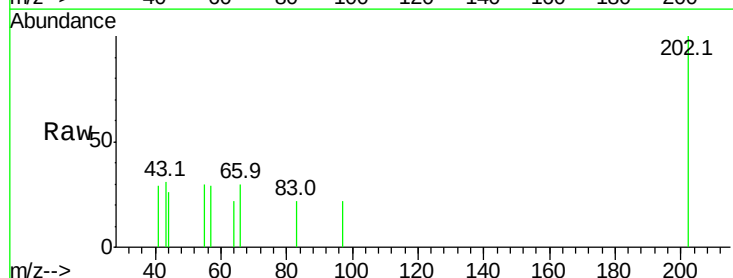
Tgt Ion:202 Resp: 961

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.5

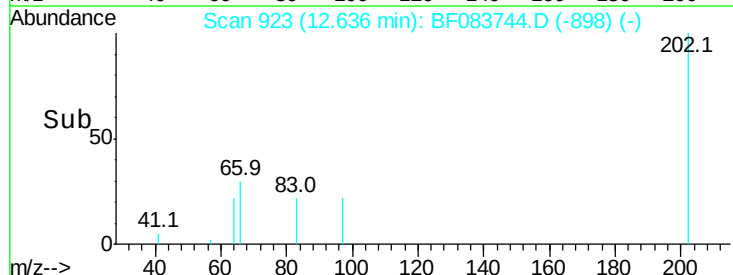
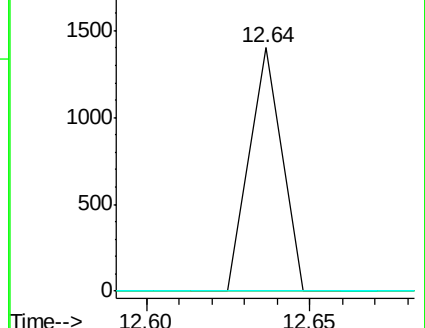
203 0.0 0.0 37.6

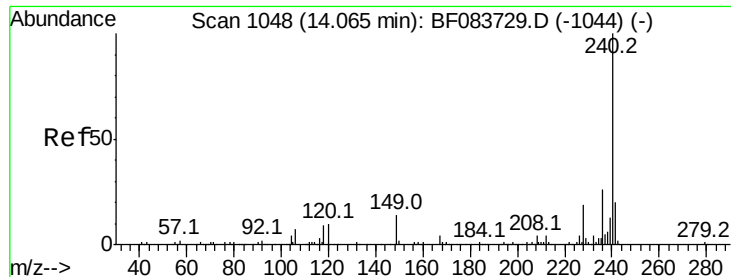


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampleId :

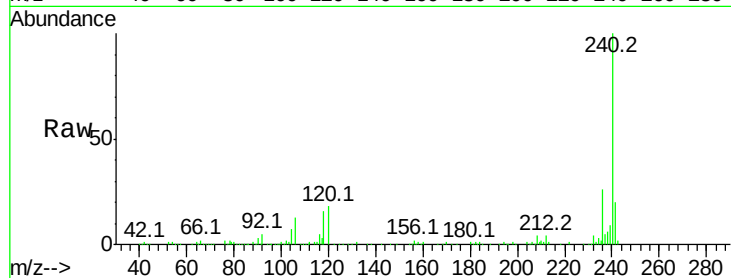
Tot Ion:240 Resp: 302223

Ion Ratio Lower Upper

240 100

120 17.7 8.1 12.1#

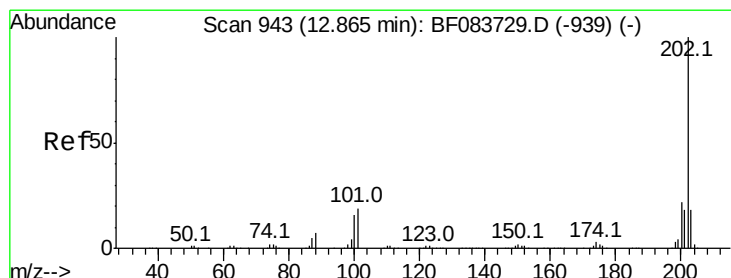
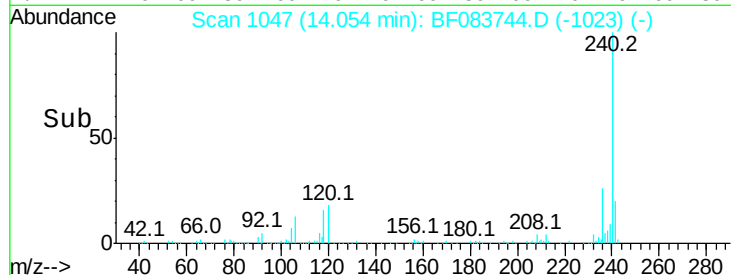
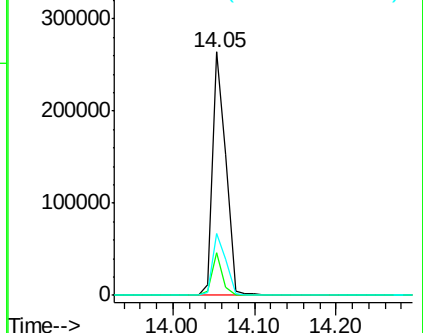
236 25.5 20.8 31.2



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



#77

Pyrene

Concen: 0.06 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

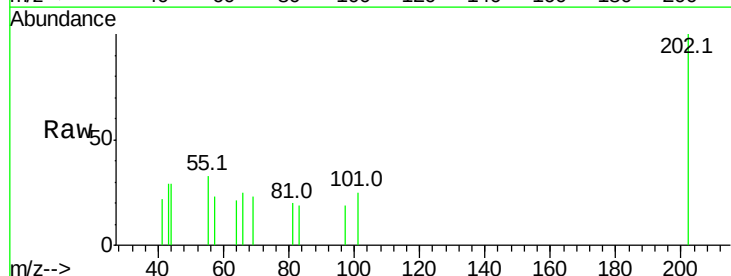
Tgt Ion:202 Resp: 1387

Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

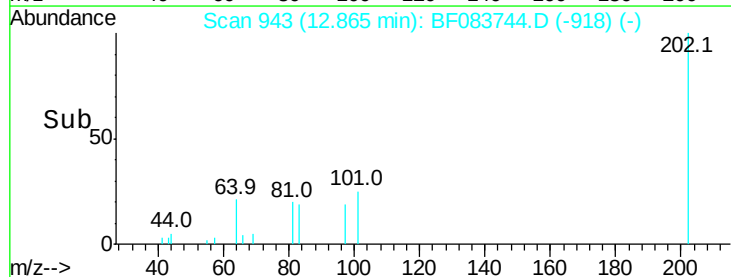
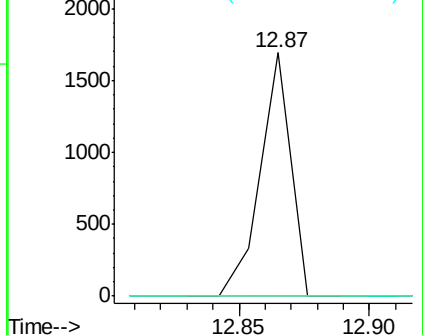
203 0.0 14.3 21.5#

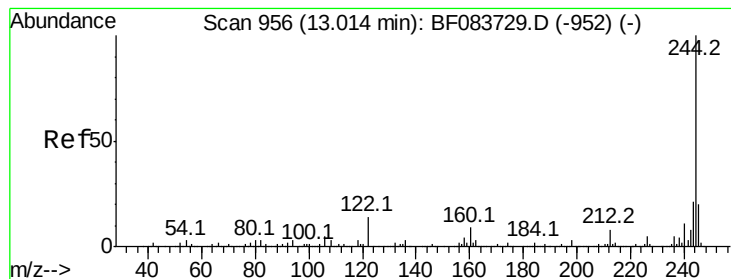


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.21 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

Instrument :

BNA_F

ClientSampled :

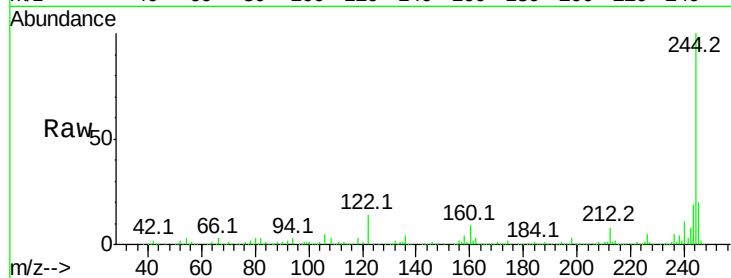
Tot Ion:244 Resp: 1183134

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

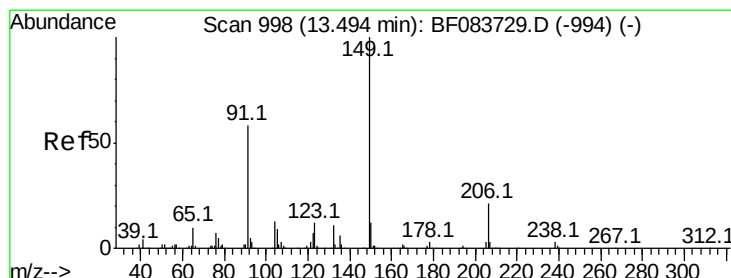
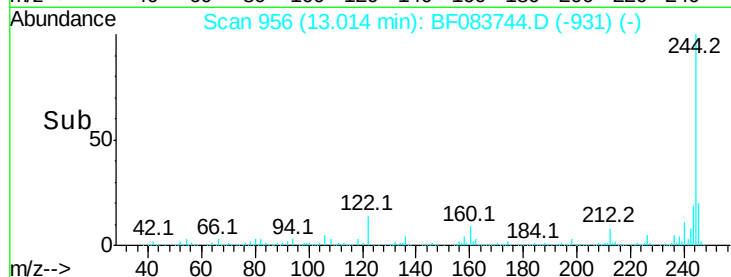
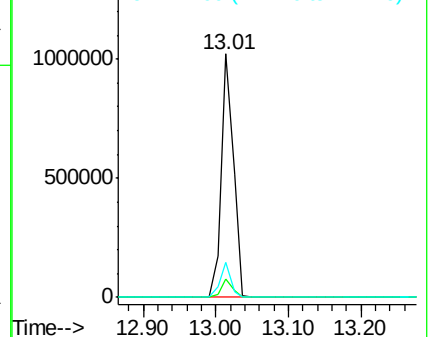
122 14.5 11.0 16.6



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: 0.03 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.05 min

Lab File: BF083744.D

Acq: 13 Dec 2015 22:12

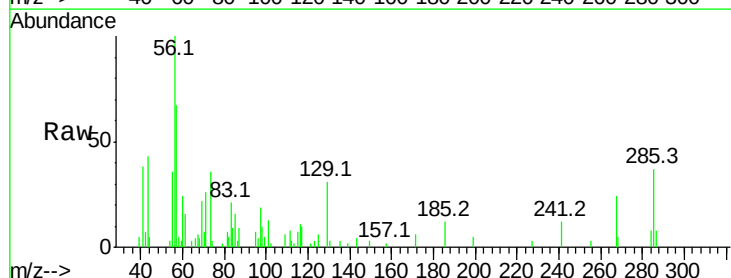
Tgt Ion:149 Resp: 274

Ion Ratio Lower Upper

149 100

91 0.0 60.0 90.0#

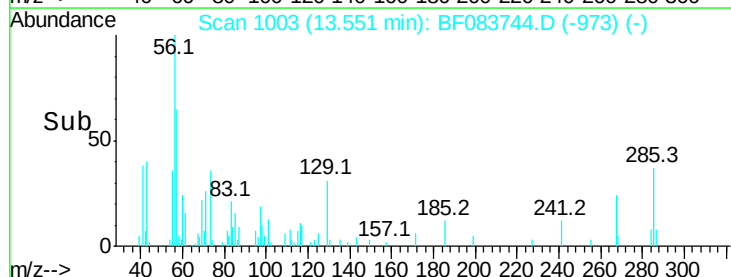
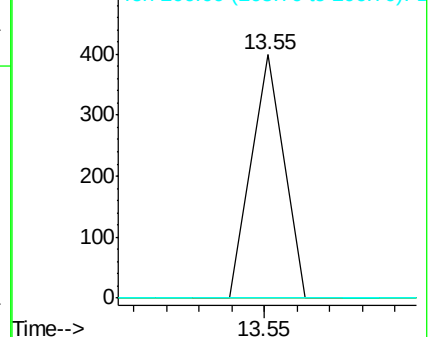
206 0.0 16.2 24.4#

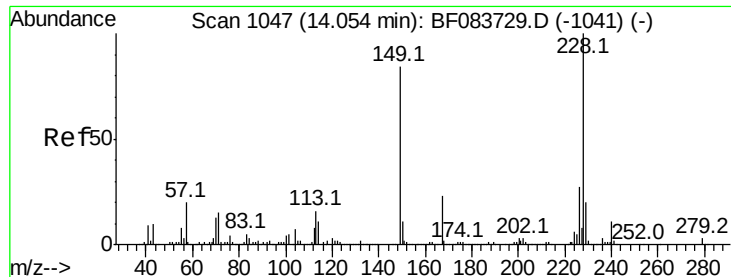


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

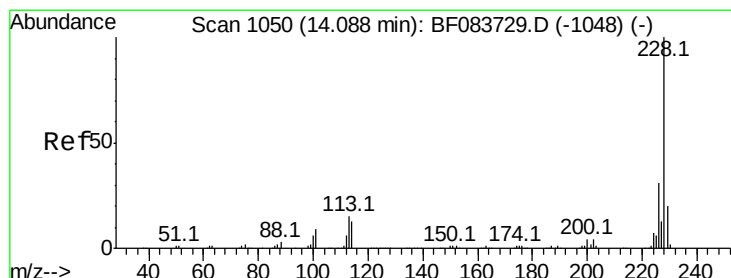
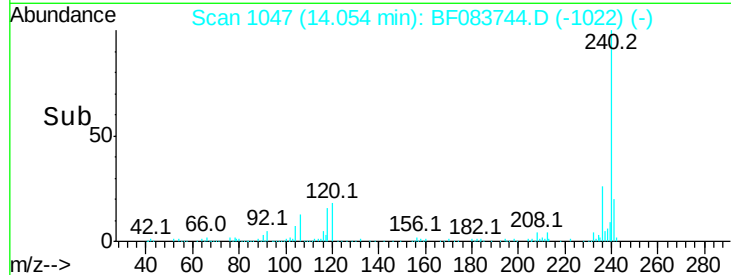
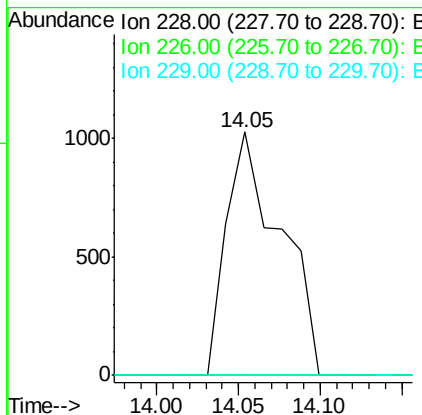
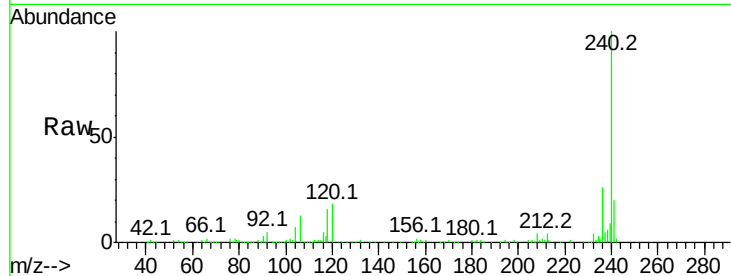




#80
 Benzo(a)anthracene
 Concen: 0.14 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

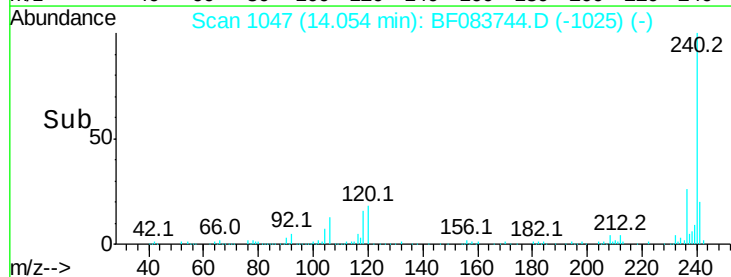
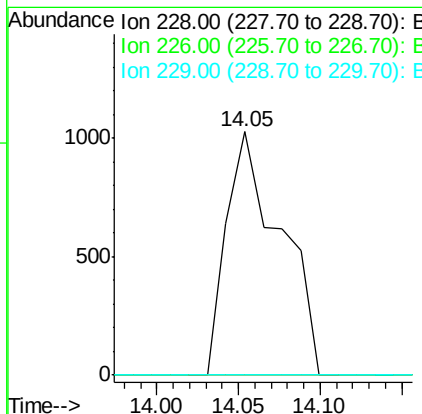
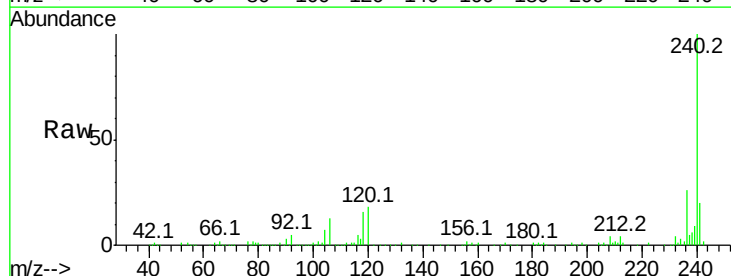
Instrument :
 BNA_F
 ClientSampleId :

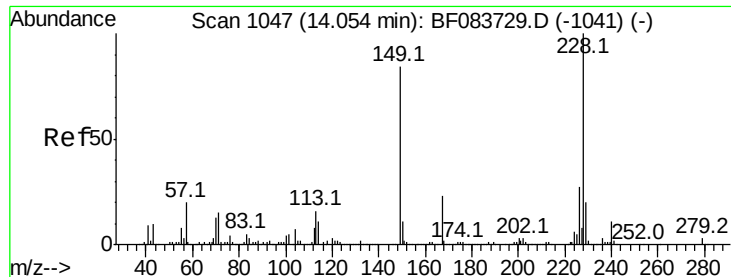
Tot Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	0.0	15.7	23.5#



#82
 Chrysene
 Concen: 0.14 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	0.0	16.3	24.5#

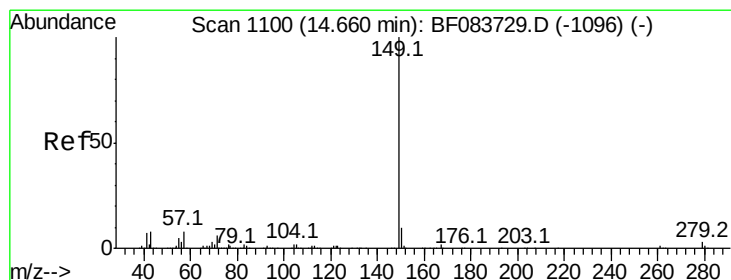
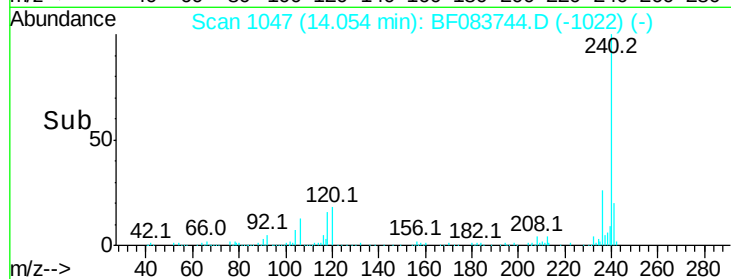
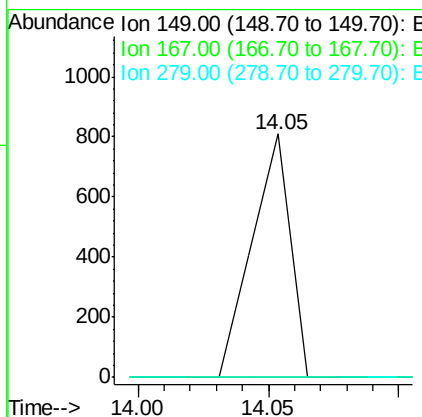
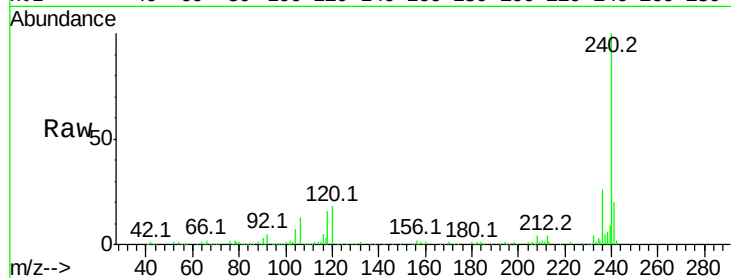




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.07 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

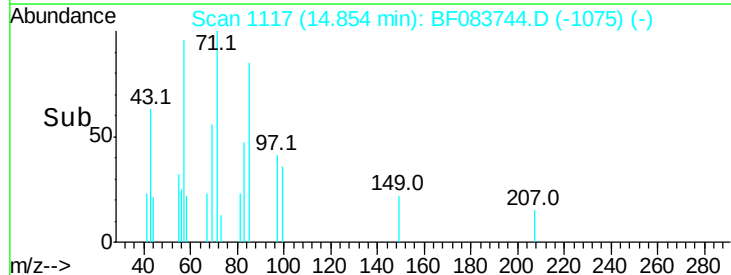
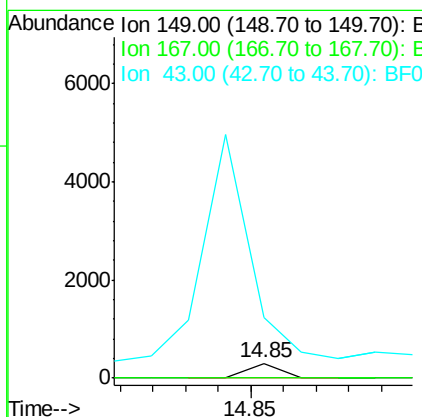
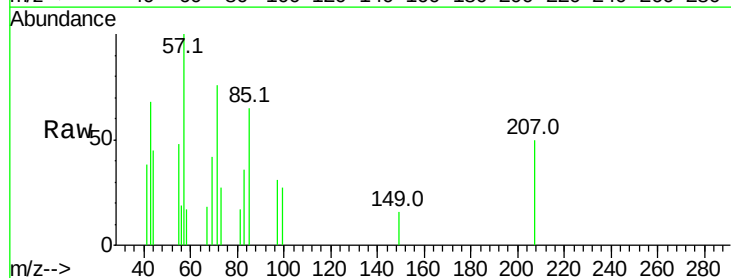
Instrument :
 BNA_F
 ClientSampleId :

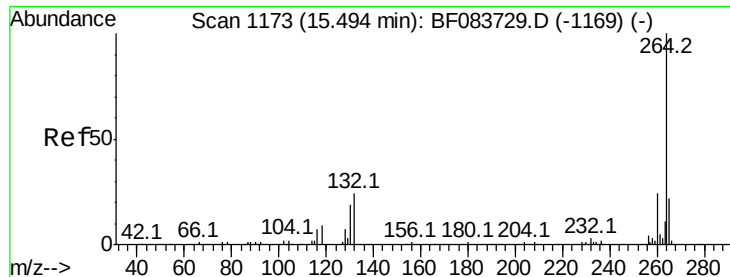
Tot Ion:149 Resp: 834
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.8 32.8#
 279 0.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 0.01 ng
 RT: 14.85 min Scan# 1117
 Delta R.T. 0.18 min
 Lab File: BF083744.D
 Acq: 13 Dec 2015 22:12

Tgt Ion:149 Resp: 206
 Ion Ratio Lower Upper
 149 100
 167 0.0 0.0 0.0
 43 2244.7 0.0 0.0#

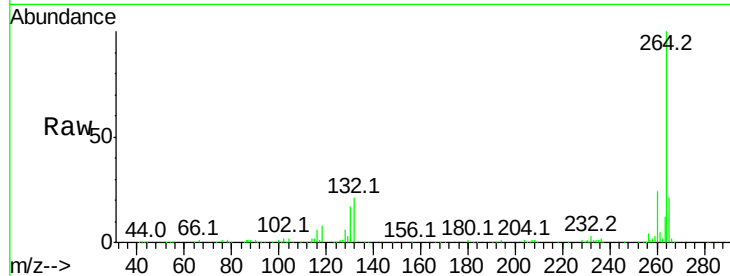




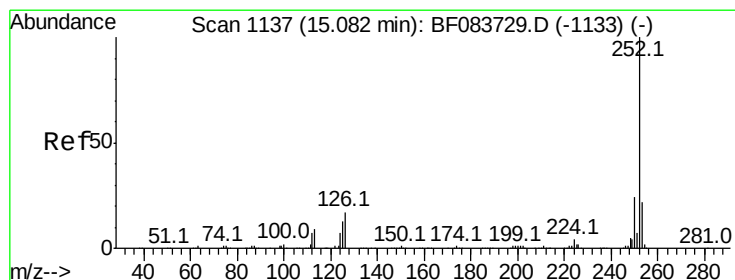
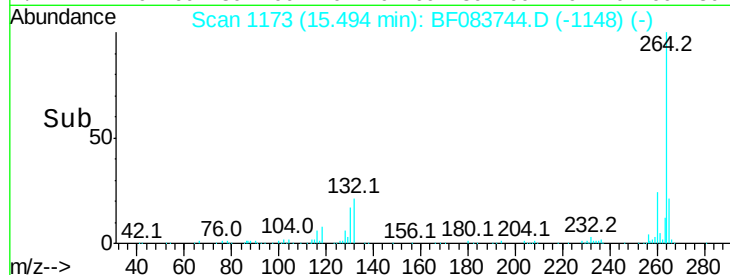
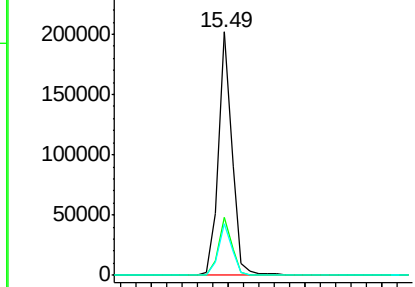
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 250061
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.0
265 21.1 17.8 26.6

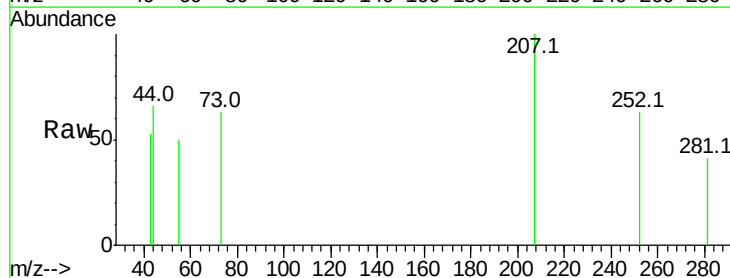


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

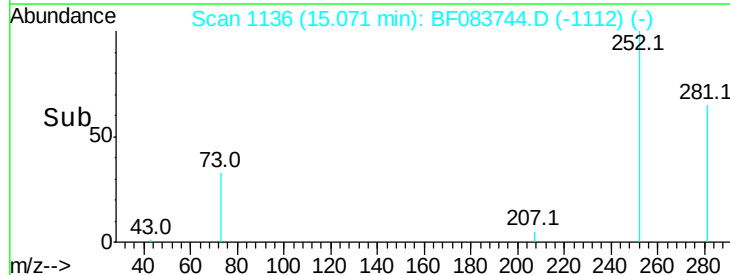
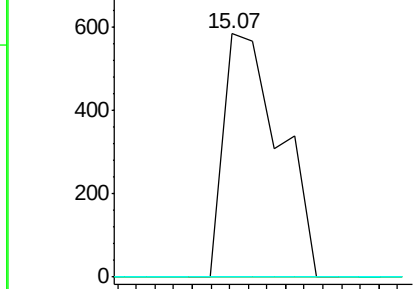


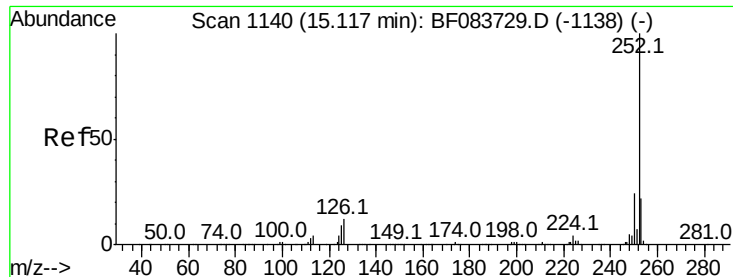
#87
Benzo(b)fluoranthene
Concen: 0.08 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Tgt Ion:252 Resp: 1234
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.2 12.4#



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

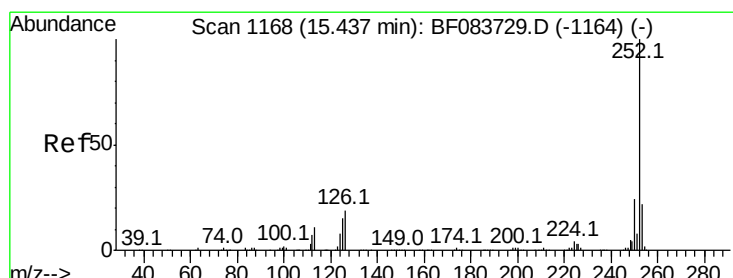
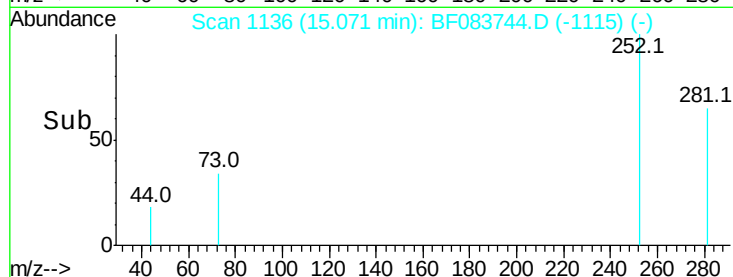
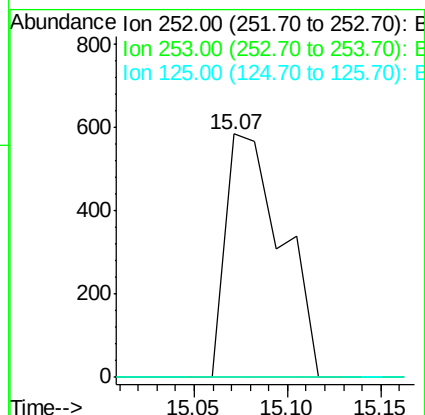
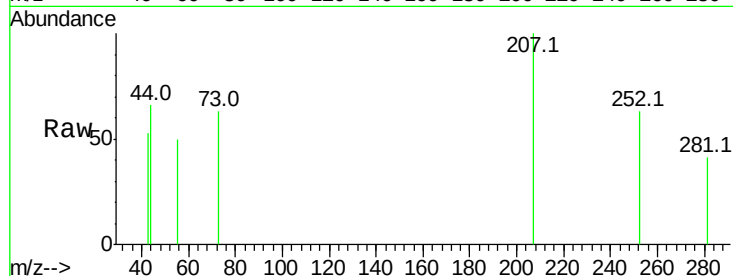




#88
Benzo(k)fluoranthene
Concen: 0.09 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1234
Ion Ratio Lower Upper
252 100
253 0.0 18.6 27.8#
125 0.0 11.5 17.3#



#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF083744.D
Acq: 13 Dec 2015 22:12

Tgt Ion:252 Resp: 459
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.6#

