

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083745.D
 Acq On : 13 Dec 2015 22:40
 Operator : UM/IZ
 Sample : G4743-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 02:34:04 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	129793	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	529173	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	241404	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	438869	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	290537	20.00	ng	-0.02
86) Perylene-d12	15.49	264	250957	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	934778	116.19	ng	0.00
7) Phenol-d6	6.54	99	1118547	109.78	ng	0.00
23) Nitrobenzene-d5	7.48	82	829897	87.74	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	303668	123.45	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1265678	73.86	ng	-0.01
78) Terphenyl-d14	13.01	244	1193926	88.39	ng	-0.01

Target Compounds						Qvalue
6) Aniline	6.56	93	395	0.03	ng	# 1
8) 2-Chlorophenol	6.70	128	518	0.05	ng	# 79
9) Benzaldehyde	6.68	77	21970	4.02	ng	94
10) Phenol	6.56	94	22568	1.92	ng	81
11) bis(2-Chloroethyl)ether	6.68	93	1221	0.14	ng	# 1
15) Benzyl Alcohol	7.07	79	13003	1.74	ng	# 53
17) 2-Methylphenol	7.05	107	322	0.04	ng	# 31
19) n-Nitroso-di-n-propylamine	7.48	70	112382	18.01	ng	# 66
24) Nitrobenzene	7.48	77	2502	0.25	ng	# 40
25) Isophorone	7.48	82	772200	41.61	ng	# 69
31) Naphthalene	8.22	128	269	0.01	ng	# 69
45) 1,1'-Biphenyl	9.28	154	2887	0.13	ng	# 1
47) 2-Nitroaniline	9.66	65	3523	0.79	ng	# 1
49) Dimethylphthalate	9.66	163	375580	19.96	ng	99
50) 2,6-Dinitrotoluene	9.66	165	4064	1.02	ng	# 11
51) Acenaphthene	9.95	154	792	0.05	ng	# 4
56) 2,4-Dinitrotoluene	9.95	165	30897	5.92	ng	# 13
57) Fluorene	10.74	166	14875	0.89	ng	# 90
59) Diethylphthalate	10.37	149	1055	0.06	ng	# 60
62) Azobenzene	10.74	77	1689	0.10	ng	# 3
64) 4,6-Dinitro-2-methylphenol	10.74	198	752	0.30	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	10662	0.71	ng	# 47
66) 4-Bromophenyl-phenylether	10.74	248	21345	4.35	ng	# 1
70) Phenanthrene	11.46	178	572	0.02	ng	# 60
71) Anthracene	11.46	178	572	0.02	ng	# 60
73) Di-n-butylphthalate	12.00	149	798	0.03	ng	# 78
74) Fluoranthene	12.64	202	878	0.04	ng	64
77) Pyrene	12.86	202	766	0.03	ng	# 57
80) Benzo(a)anthracene	14.05	228	1605	0.10	ng	# 51
82) Chrysene	14.05	228	1605	0.10	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.05	149	724	0.06	ng	# 52
87) Benzo(b)fluoranthene	15.08	252	267	0.02	ng	# 59
88) Benzo(k)fluoranthene	15.08	252	267	0.02	ng	# 57
89) Benzo(a)pyrene	15.49	252	531	0.04	ng	# 59

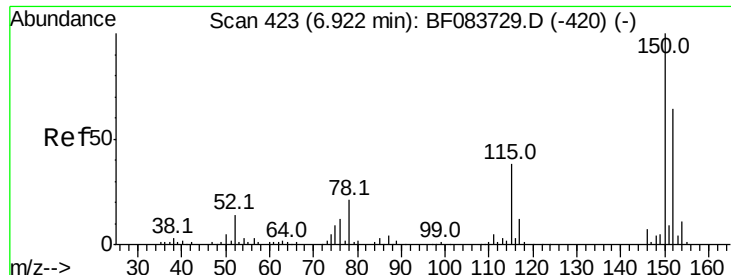
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083745.D
Acq On : 13 Dec 2015 22:40
Operator : UM/IZ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

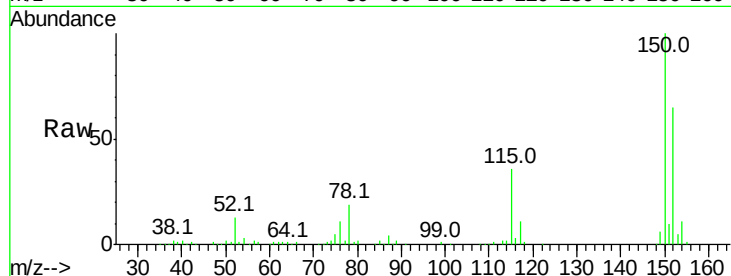
Tot Ion:152 Resp: 129793

Ion Ratio Lower Upper

152 100

150 153.7 126.5 189.7

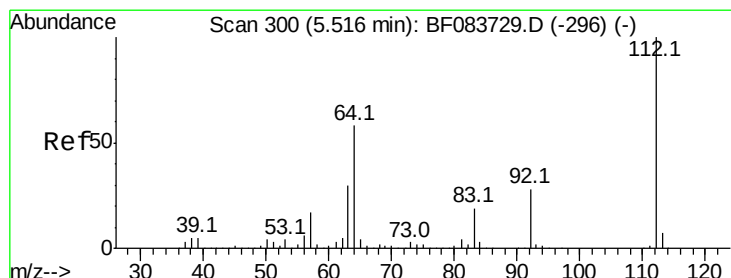
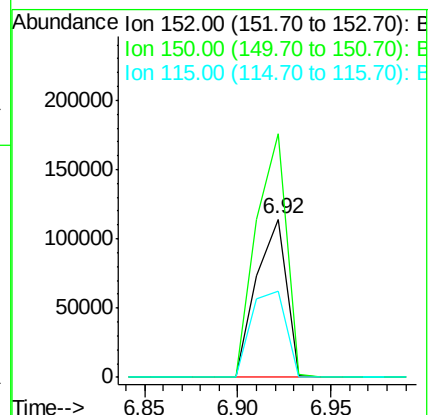
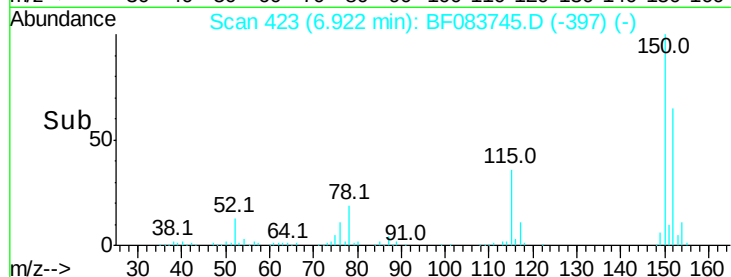
115 54.8 52.3 78.5



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



#5

2-Fluorophenol

Concen: 116.19 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

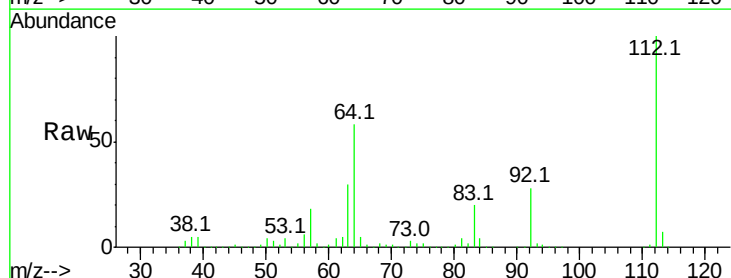
Tgt Ion:112 Resp: 934778

Ion Ratio Lower Upper

112 100

64 58.0 50.5 75.7

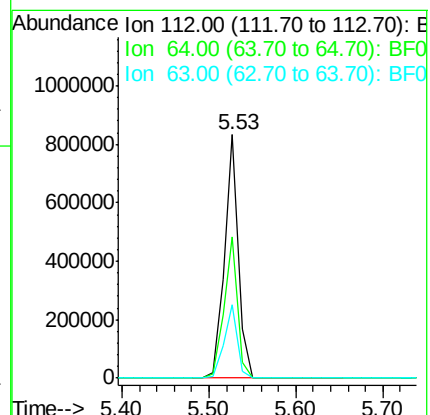
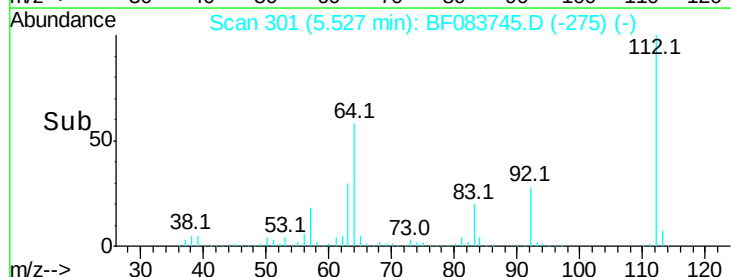
63 30.2 25.8 38.6

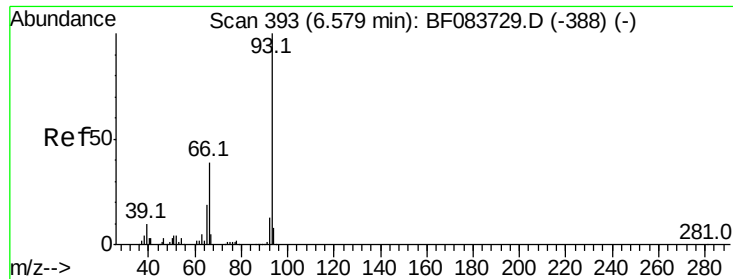


Abundance Ion 112.00 (111.70 to 112.70): E

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: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

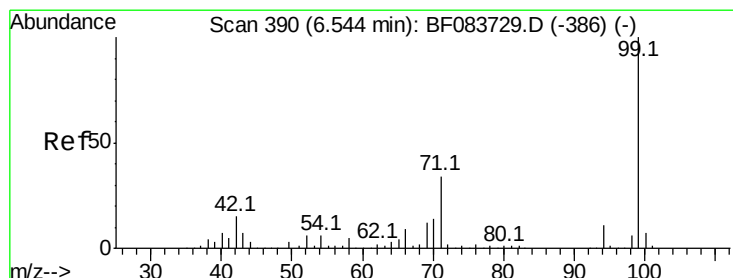
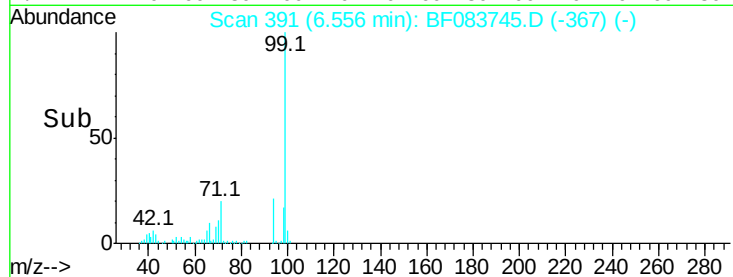
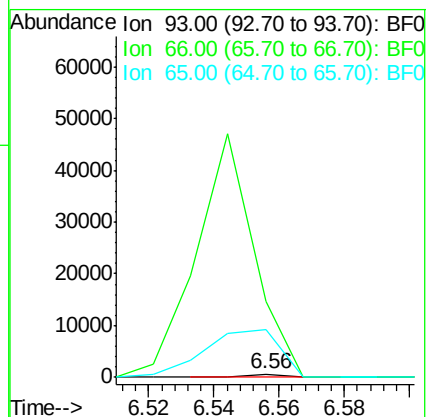
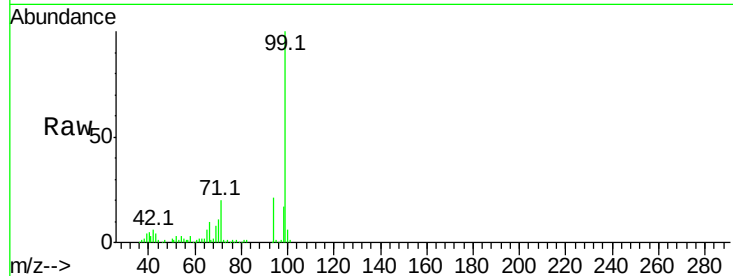
Tot Ion: 93 Resp: 395

Ion Ratio Lower Upper

93 100

66 2566.0 41.3 61.9#

65 1596.5 20.8 31.2#



#7

Phenol-d6

Concen: 109.78 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

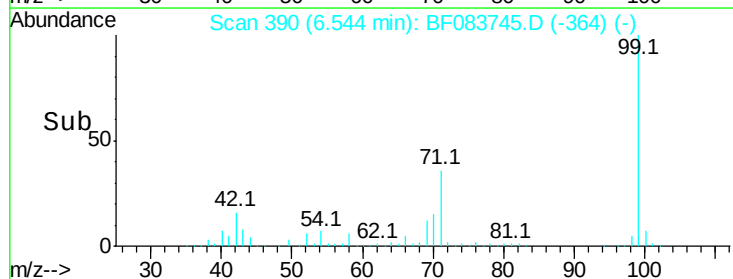
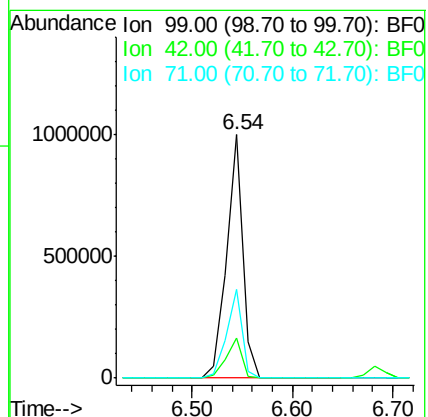
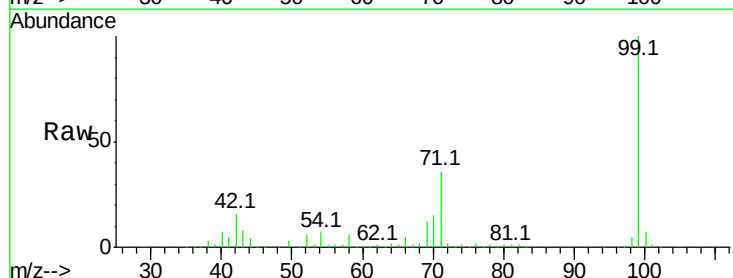
Tgt Ion: 99 Resp: 1118547

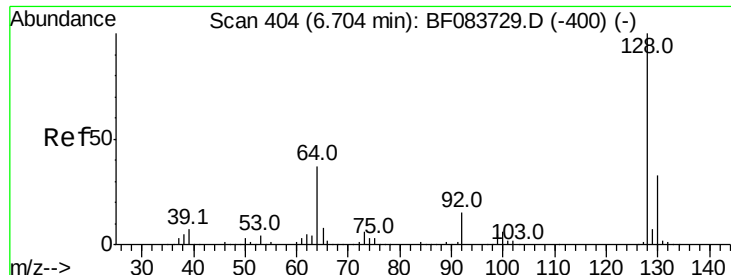
Ion Ratio Lower Upper

99 100

42 16.4 17.3 25.9#

71 36.2 26.6 40.0





#8

2-Chlorophenol

Concen: 0.05 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

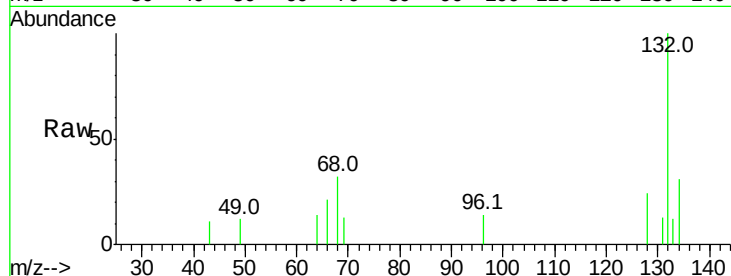
Tot Ion:128 Resp: 518

Ion Ratio Lower Upper

128 100

130 0.0 12.6 52.6#

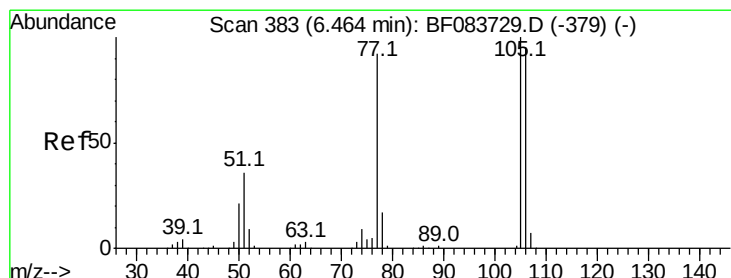
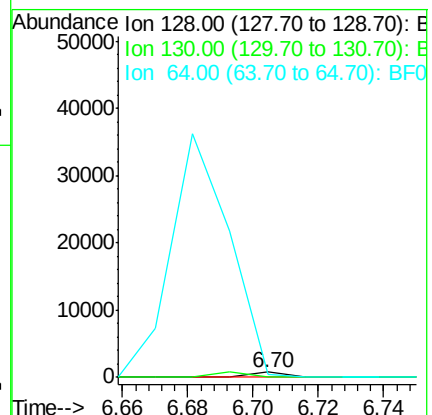
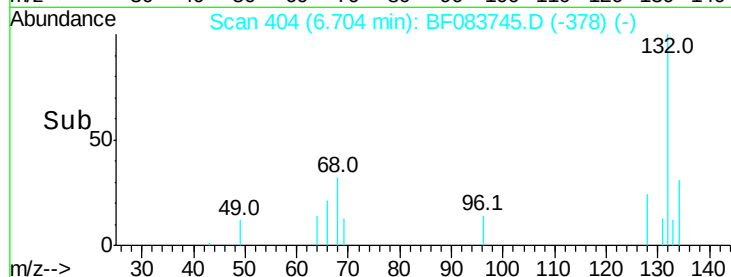
64 59.1 38.6 78.6



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: 4.02 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

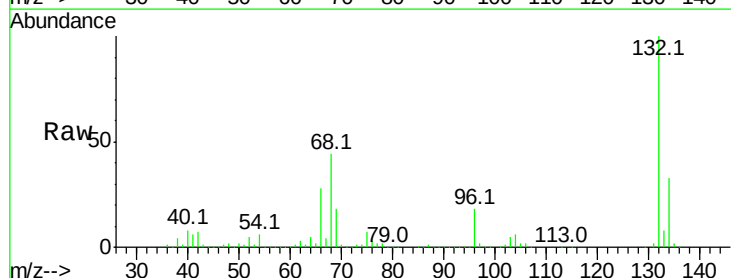
Tgt Ion: 77 Resp: 21970

Ion Ratio Lower Upper

77 100

105 83.5 71.8 111.8

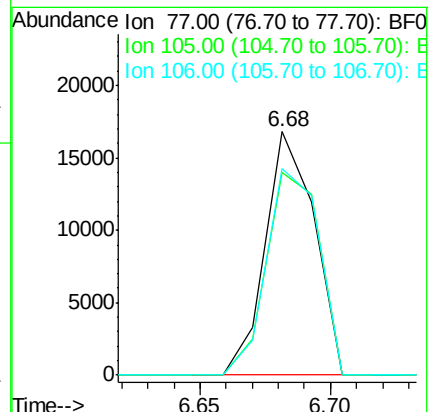
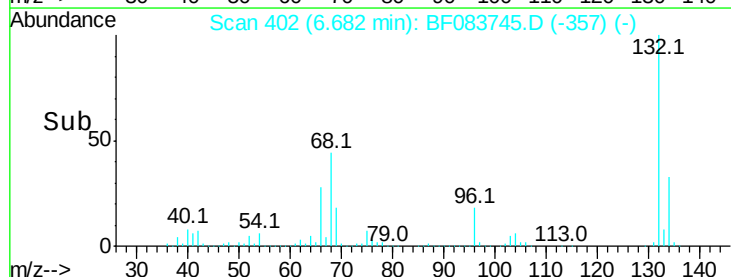
106 84.8 66.8 106.8

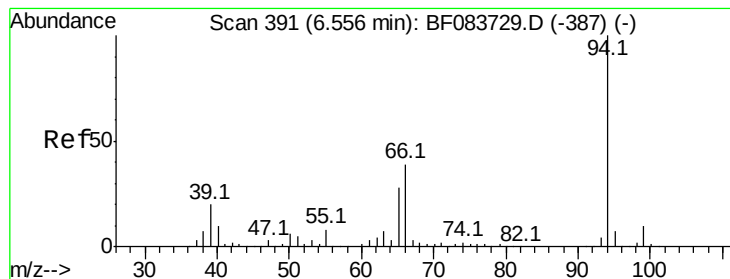


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.92 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

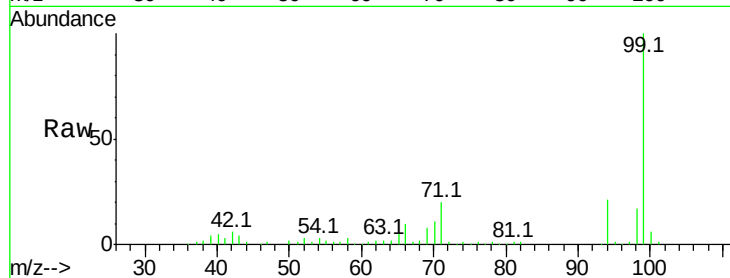
Tot Ion: 94 Resp: 22568

Ion Ratio Lower Upper

94 100

65 29.4 20.9 60.9

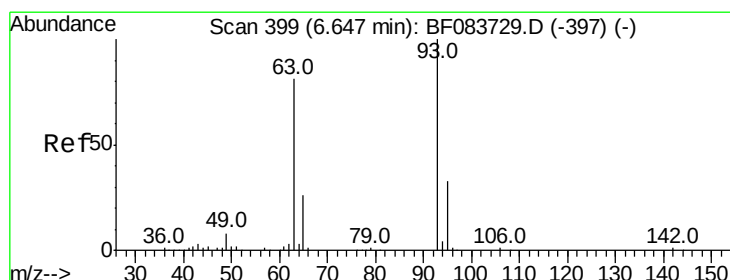
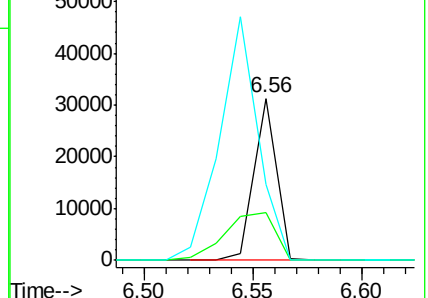
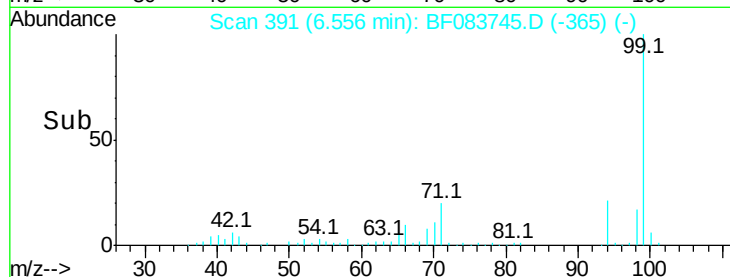
66 47.3 41.6 81.6



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: 0.14 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.02 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

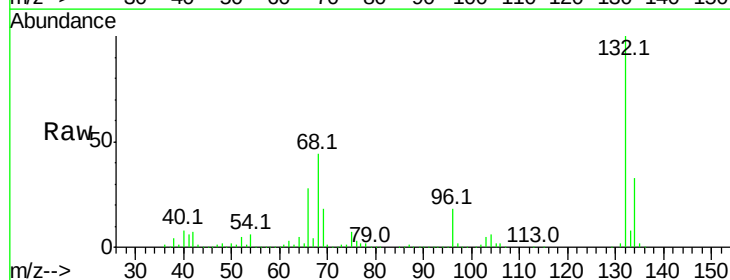
Tgt Ion: 93 Resp: 1221

Ion Ratio Lower Upper

93 100

63 725.3 64.7 104.7#

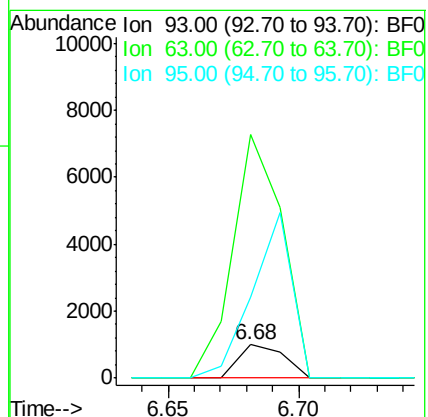
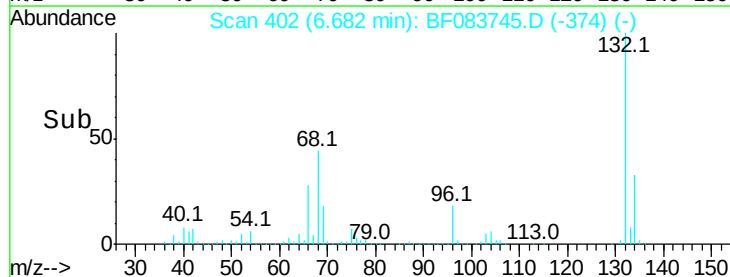
95 242.8 12.7 52.7#

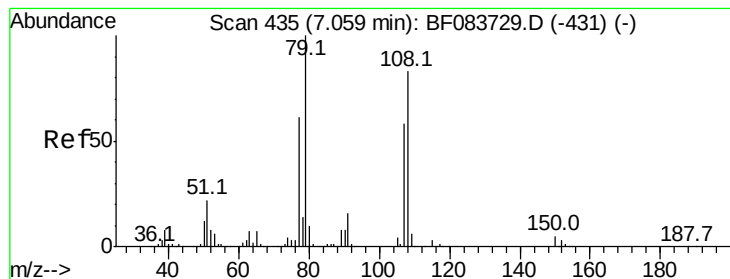


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.74 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

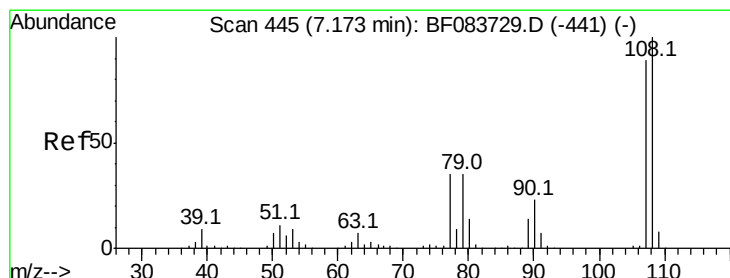
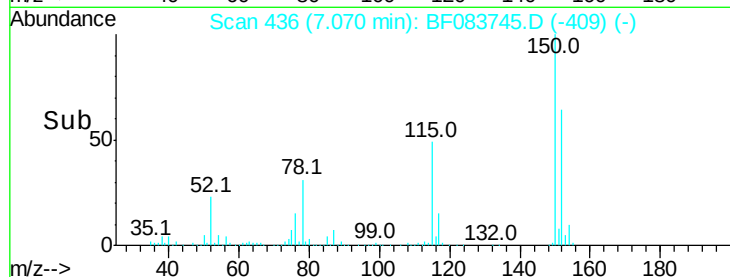
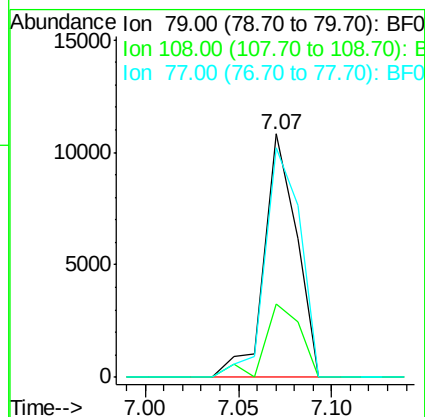
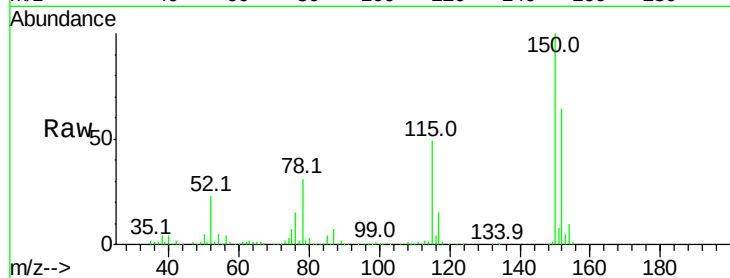
Tot Ion: 79 Resp: 13003

Ion Ratio Lower Upper

79 100

108 30.0 59.6 89.4#

77 94.1 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: BF083745.D

Acq: 13 Dec 2015 22:40

Tgt Ion: 107 Resp: 322

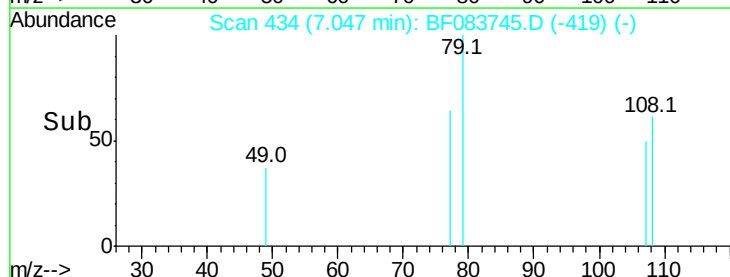
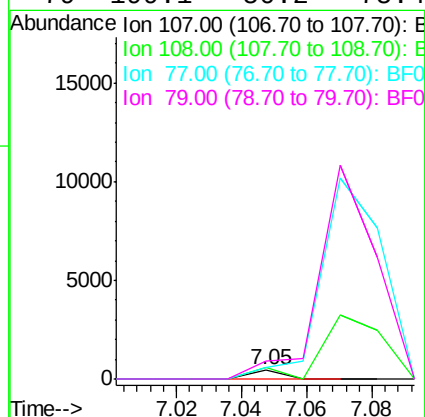
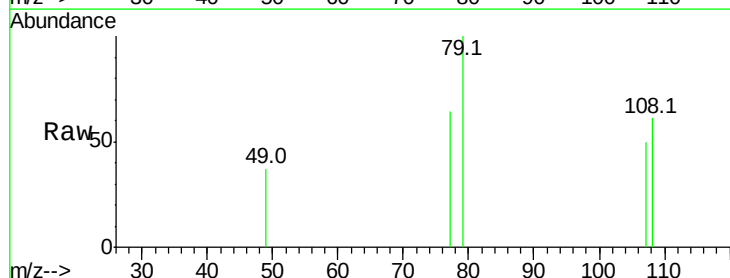
Ion Ratio Lower Upper

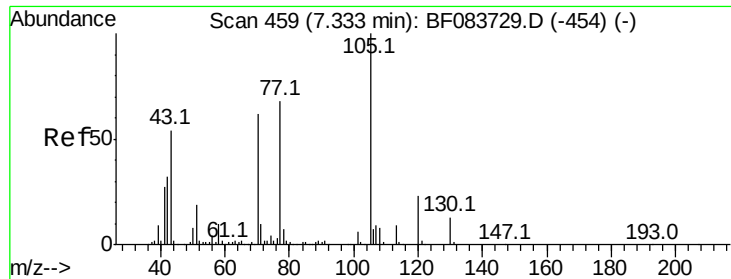
107 100

108 120.9 91.6 137.4

77 127.9 53.7 80.5#

79 199.1 50.2 75.4#

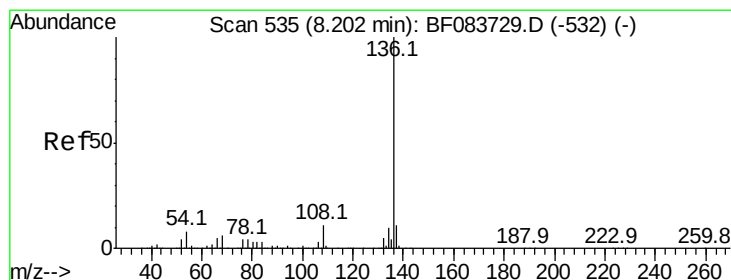
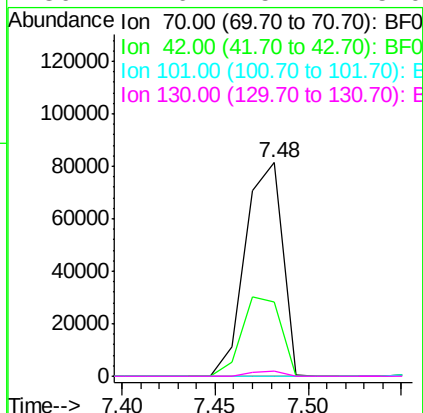
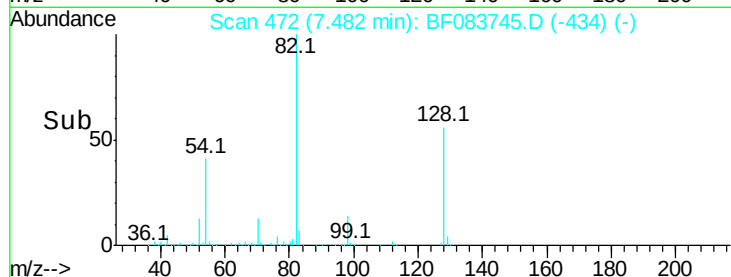
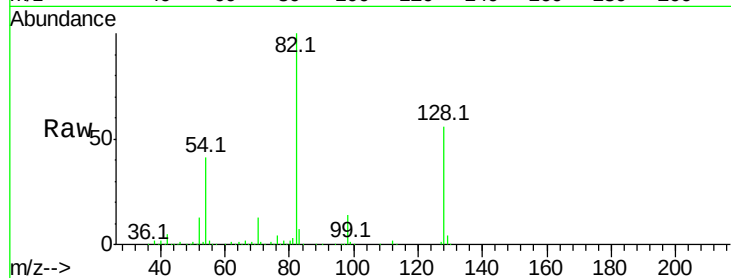




#19
n-Nitroso-di-n-propylamine
Concen: 18.01 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

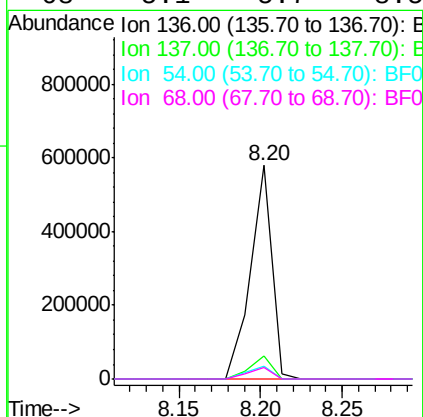
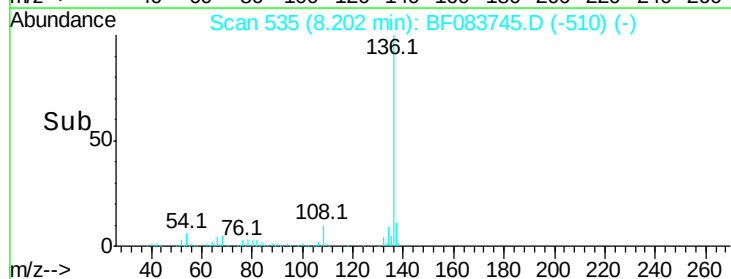
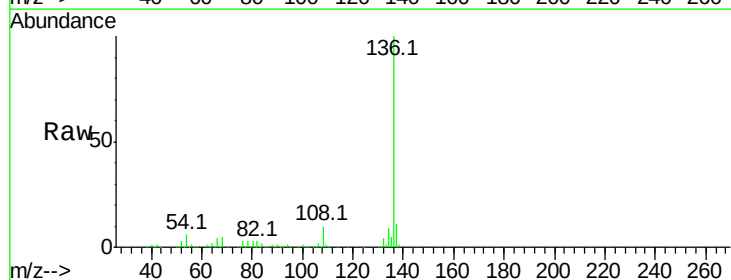
Instrument :
BNA_F
ClientSampleId :

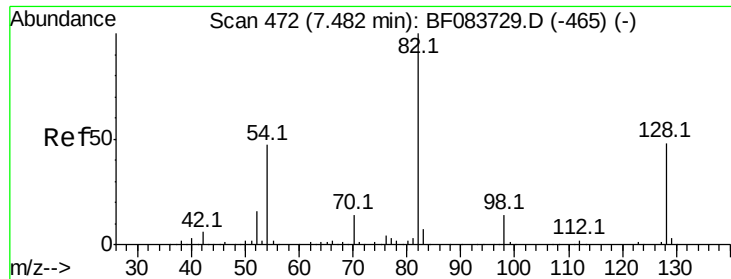
Tot Ion: 70 Resp: 112382
Ion Ratio Lower Upper
70 100
42 34.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

Tgt Ion:136 Resp: 529173
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 6.1 7.8 11.6#
68 5.1 5.7 8.5#

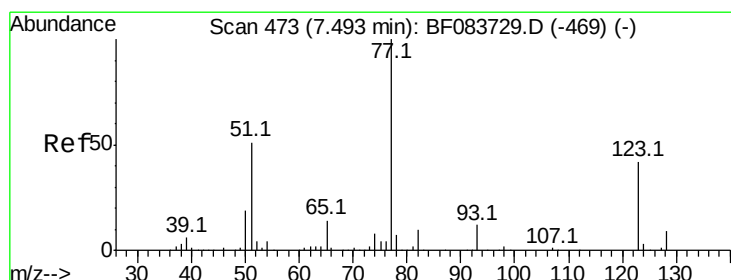
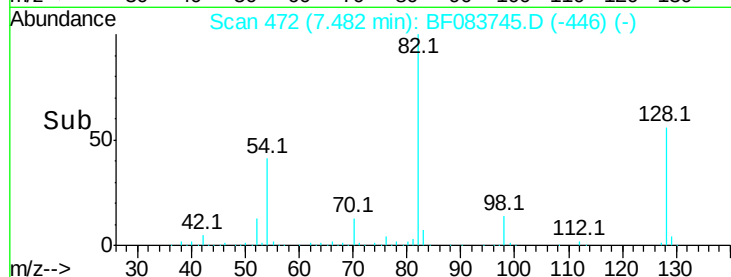
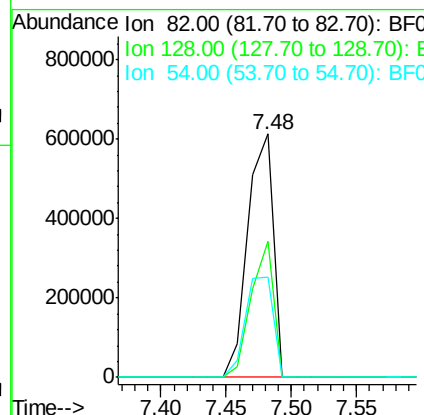
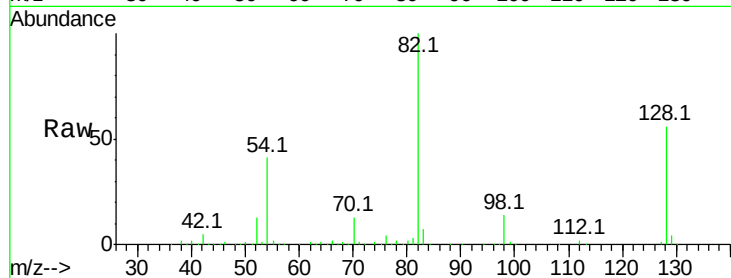




#23
 Nitrobenzene-d5
 Concen: 87.74 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

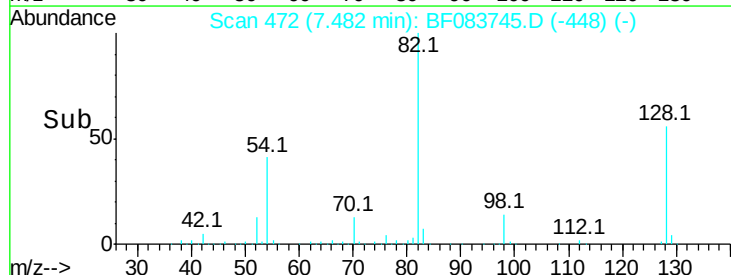
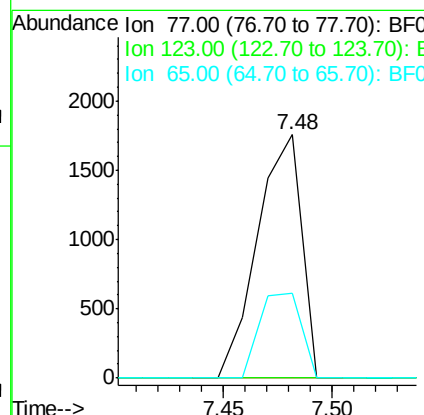
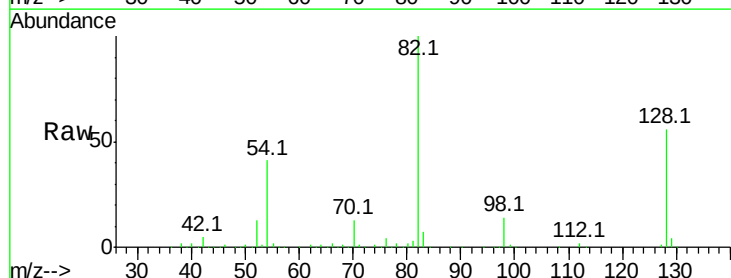
Instrument :
 BNA_F
 ClientSampled :

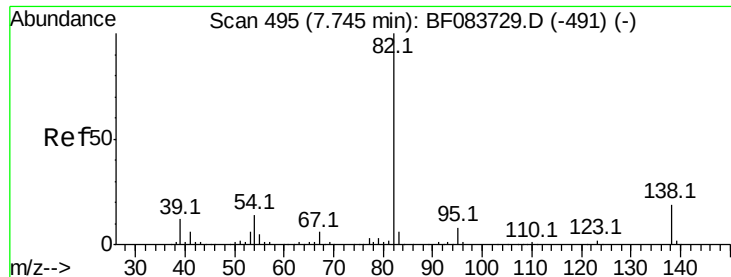
Tot Ion: 82 Resp: 829897
 Ion Ratio Lower Upper
 82 100
 128 56.1 30.7 46.1#
 54 41.0 42.5 63.7#



#24
 Nitrobenzene
 Concen: 0.25 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

Tgt Ion: 77 Resp: 2502
 Ion Ratio Lower Upper
 77 100
 123 0.0 29.8 44.6#
 65 35.1 11.1 16.7#





#25

Isophorone

Concen: 41.61 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

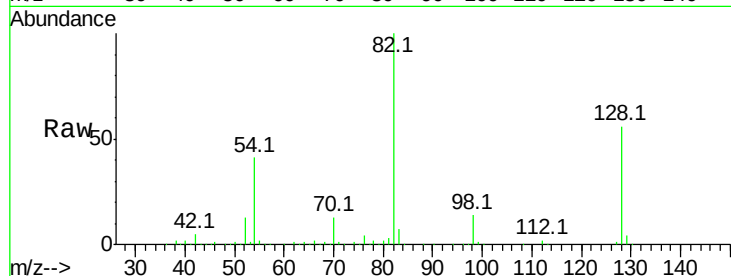
Tot Ion: 82 Resp: 772200

Ion Ratio Lower Upper

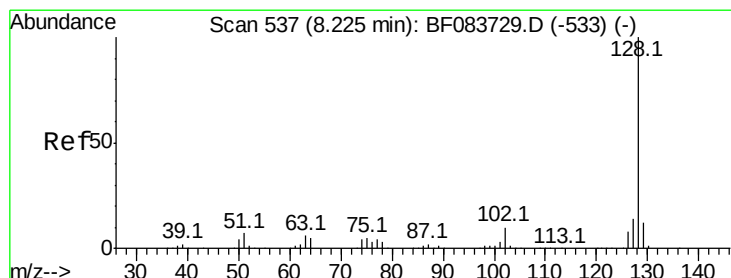
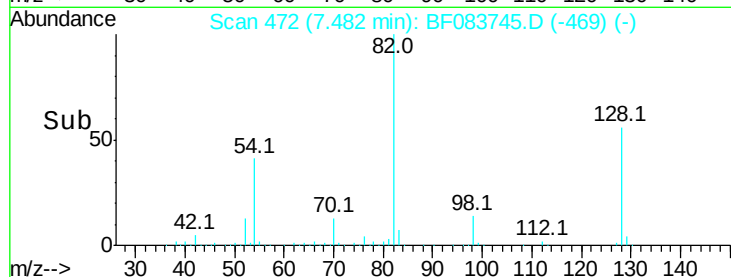
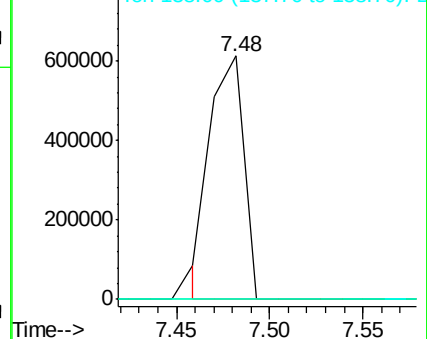
82 100

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: 0.01 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

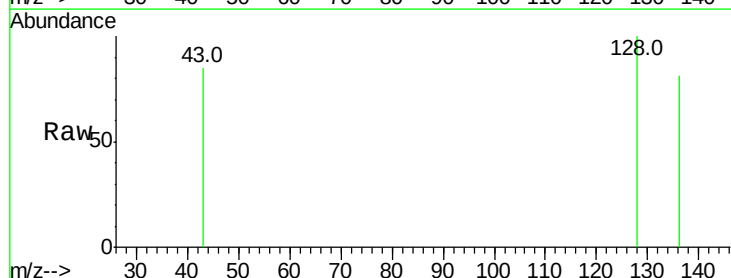
Tgt Ion: 128 Resp: 269

Ion Ratio Lower Upper

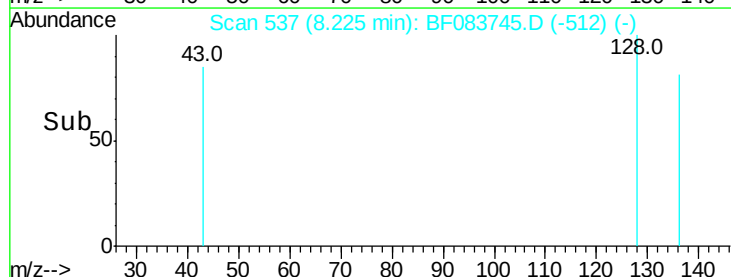
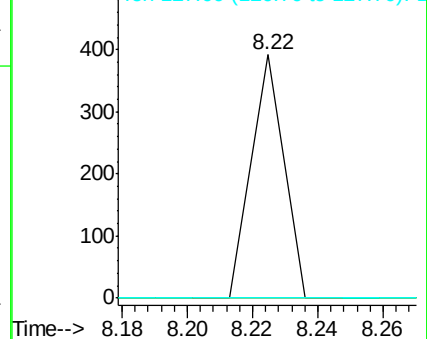
128 100

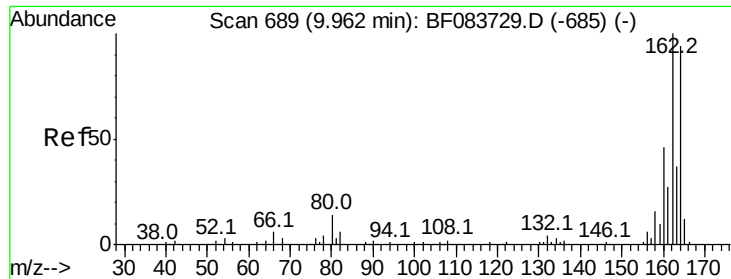
129 0.0 8.6 13.0#

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

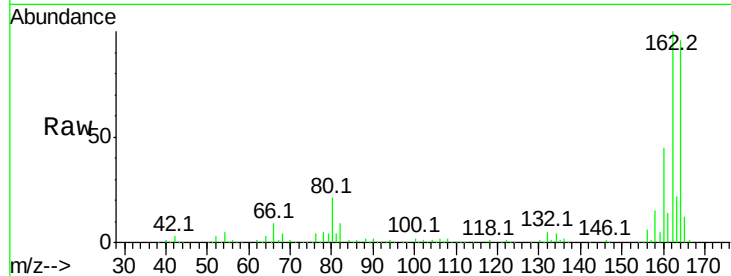




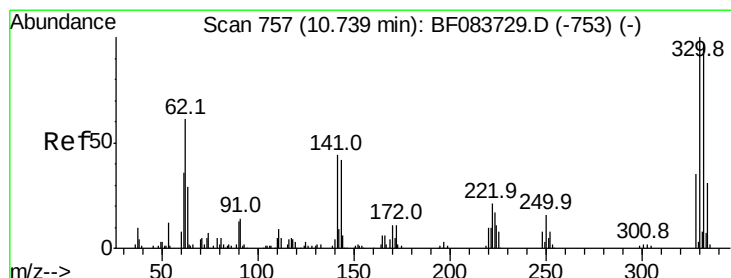
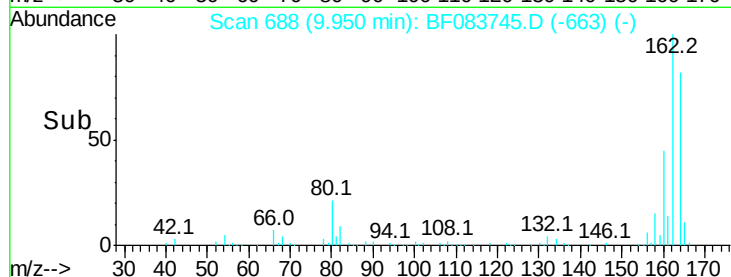
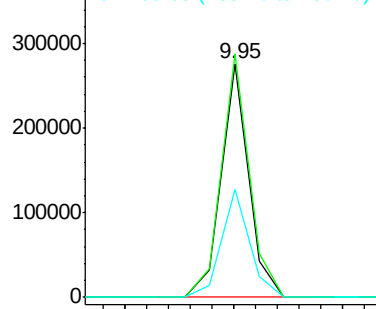
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	46.4	33.4	50.2

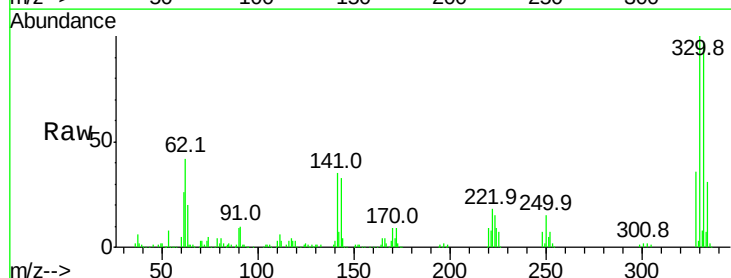


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

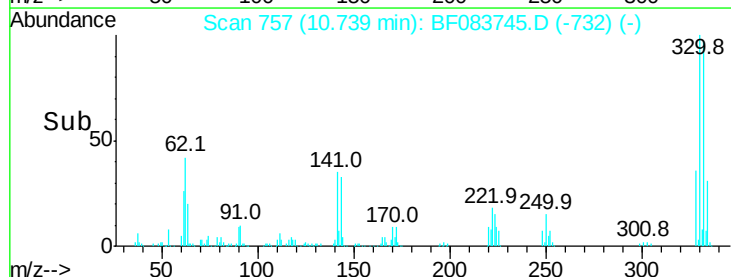
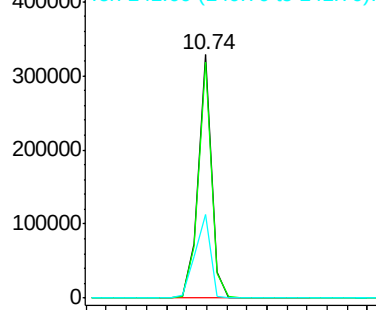


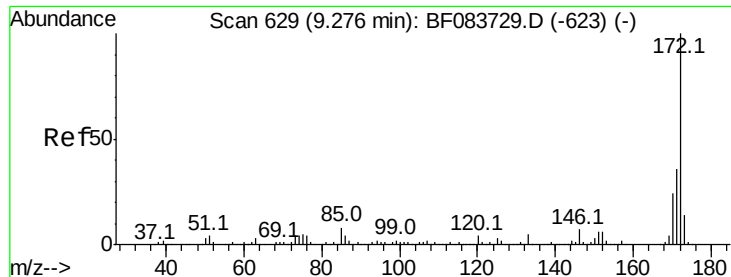
#41
 2,4,6-Tribromophenol
 Concen: 123.45 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	39.7	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



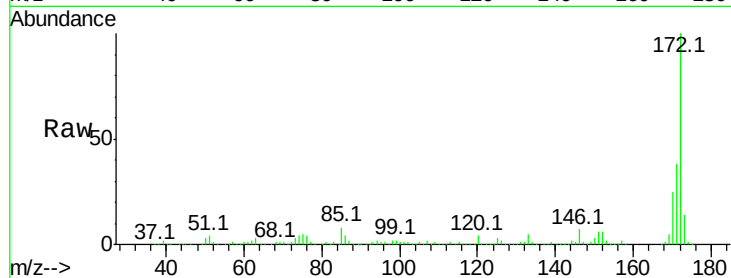


#44
 2-Fluorobiphenyl
 Concen: 73.86 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

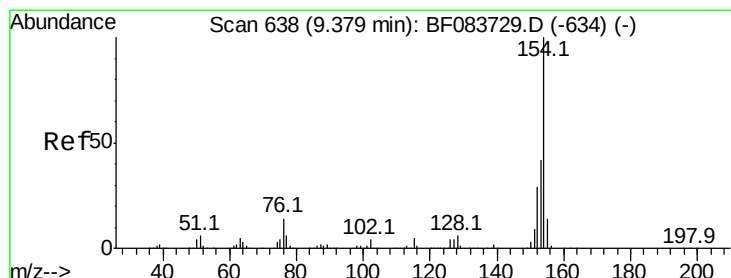
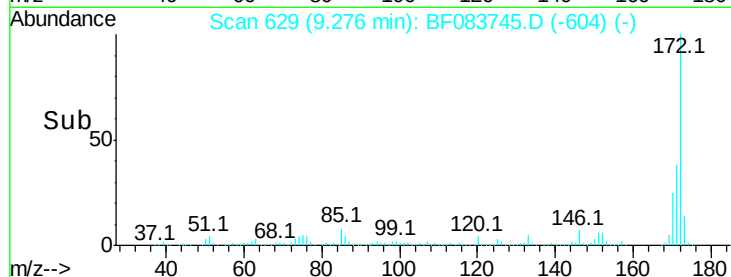
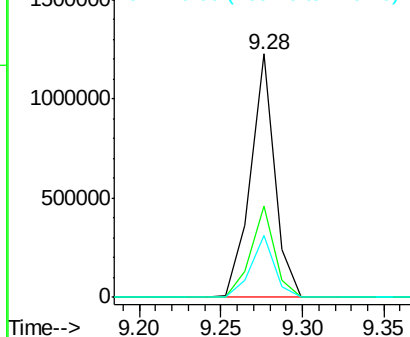
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1265678

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.6	42.8
170	25.2	19.4	29.0



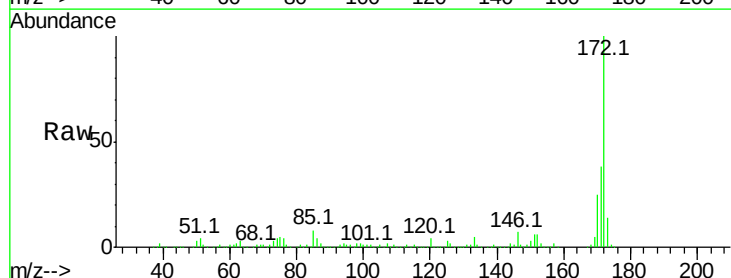
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



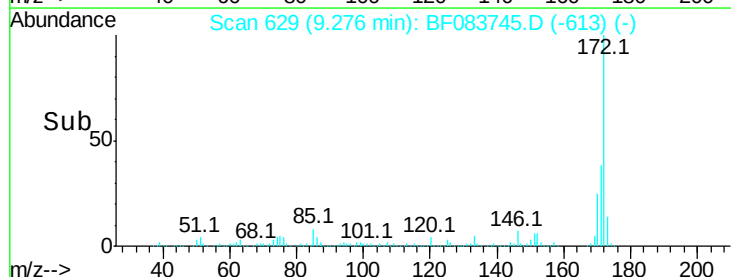
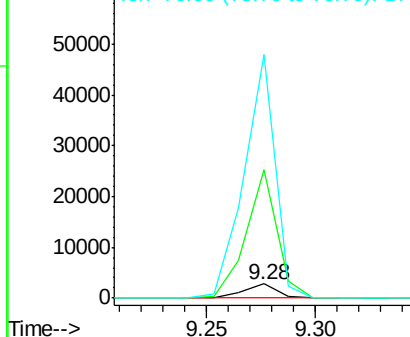
#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.11 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

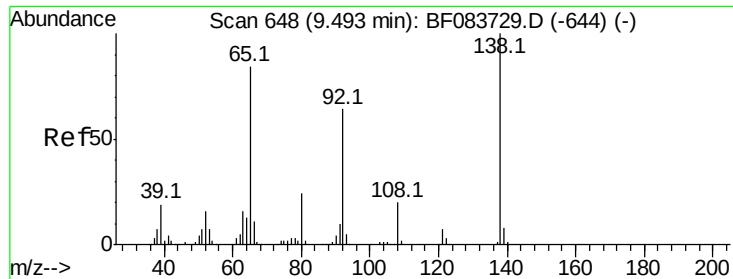
Tgt Ion:154 Resp: 2887

Ion	Ratio	Lower	Upper
154	100		
153	888.6	20.2	60.2#
76	1690.9	0.0	34.8#



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

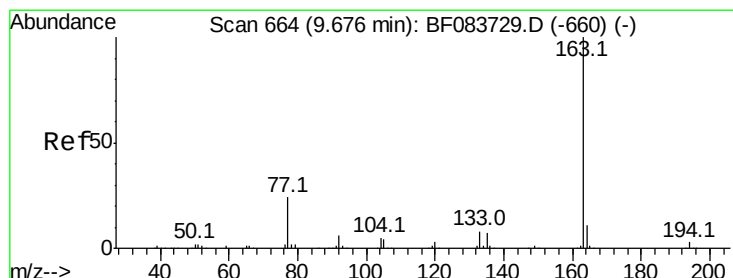
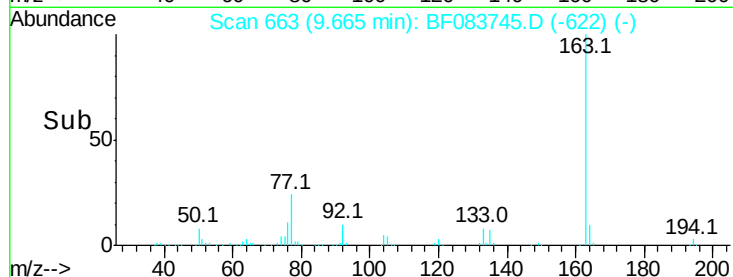
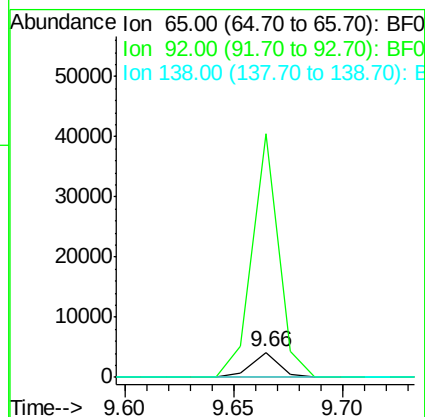
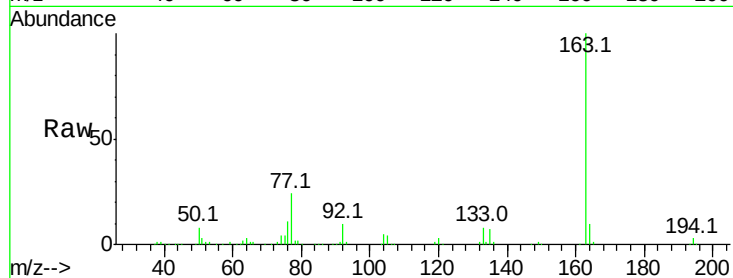




#47
2-Nitroaniline
Concen: 0.79 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.17 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

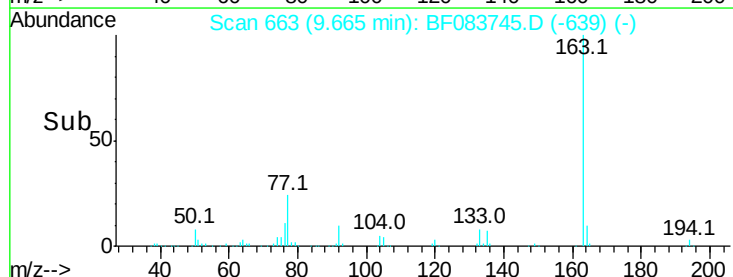
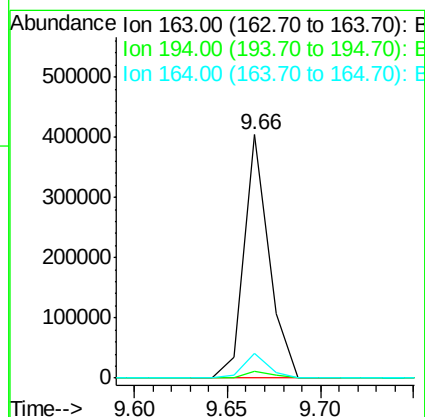
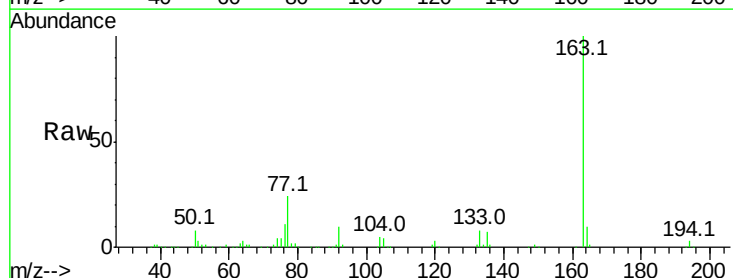
Instrument :
BNA_F
ClientSampled :

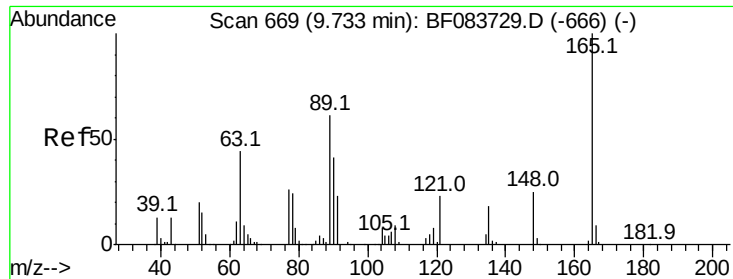
Tot Ion: 65 Resp: 3523
Ion Ratio Lower Upper
65 100
92 980.2 49.6 74.4#
138 0.0 64.1 96.1#



#49
Dimethylphthalate
Concen: 19.96 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

Tgt Ion:163 Resp: 375580
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.4 8.6 13.0

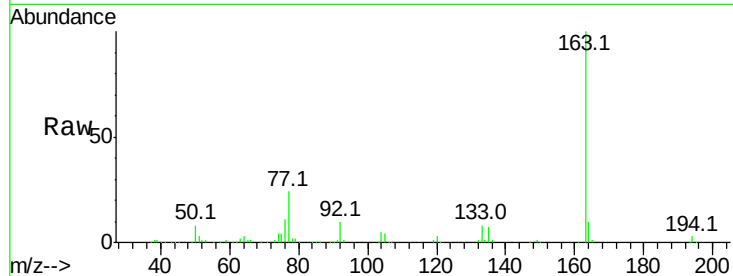




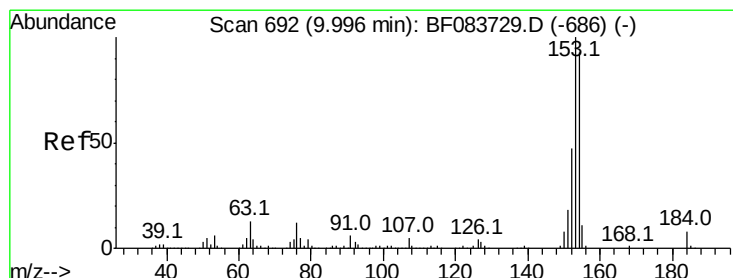
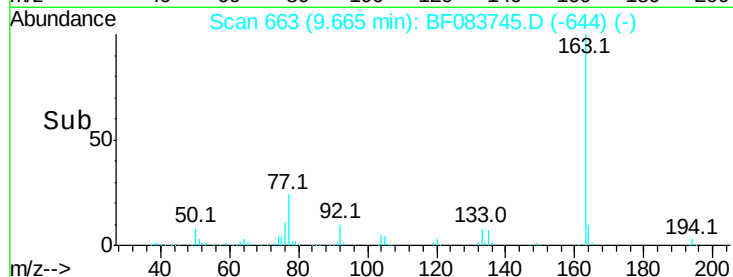
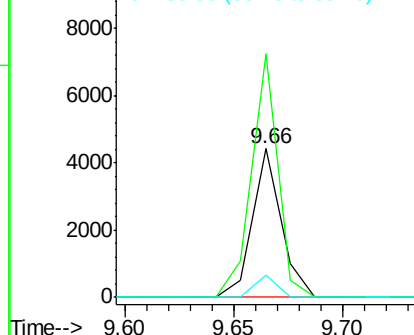
#50
2,6-Dinitrotoluene
Concen: 1.02 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.08 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 4064
Ion Ratio Lower Upper
165 100
63 163.6 56.9 85.3#
89 15.2 52.1 78.1#

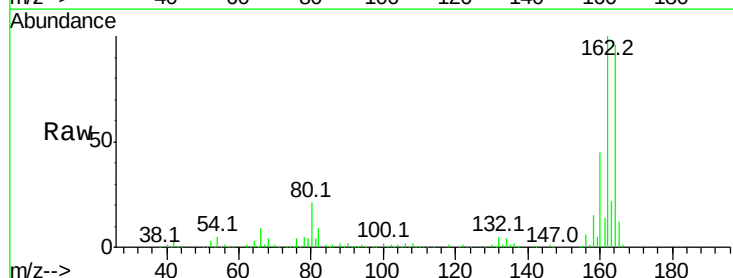


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

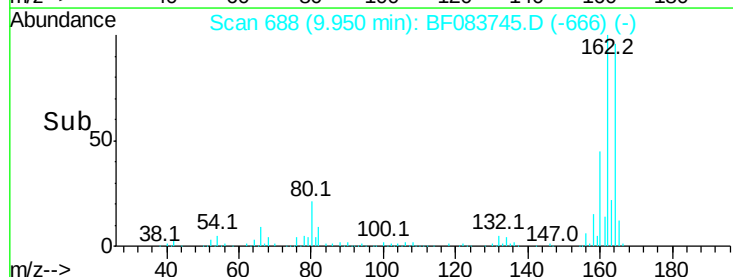
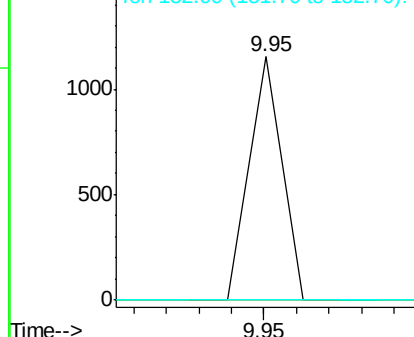


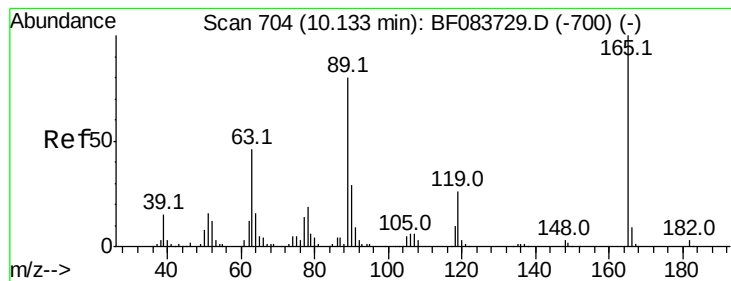
#51
Acenaphthene
Concen: 0.05 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.05 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

Tgt Ion:154 Resp: 792
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





#56

2,4-Dinitrotoluene

Concen: 5.92 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 30897

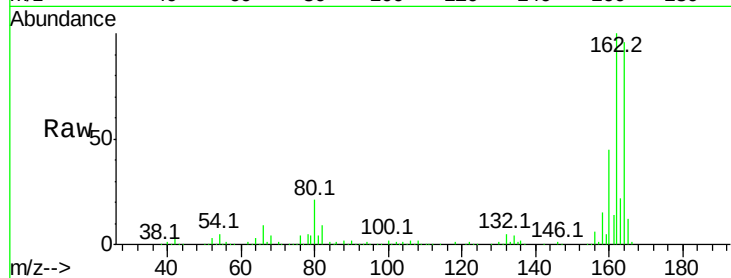
Ion Ratio Lower Upper

165 100

63 1.5 51.4 77.2#

89 1.5 72.6 108.8#

182 0.0 1.4 2.0#

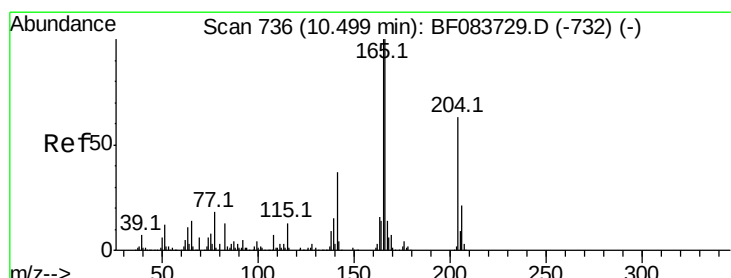
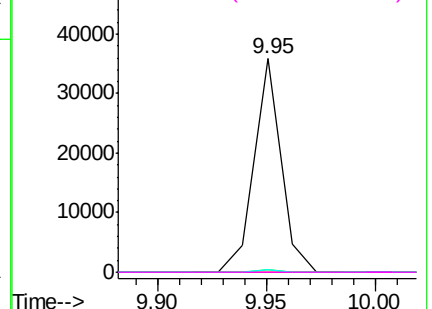
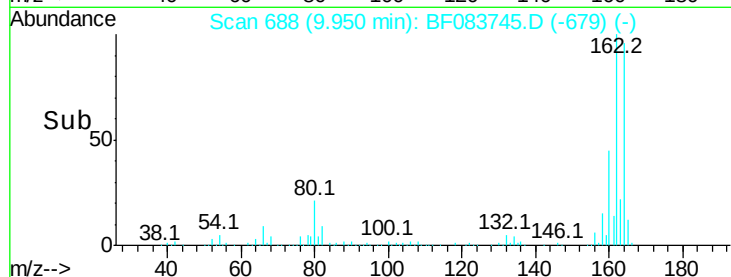


Abundance Ion 165.00 (164.70 to 165.70): E

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: 0.89 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.23 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

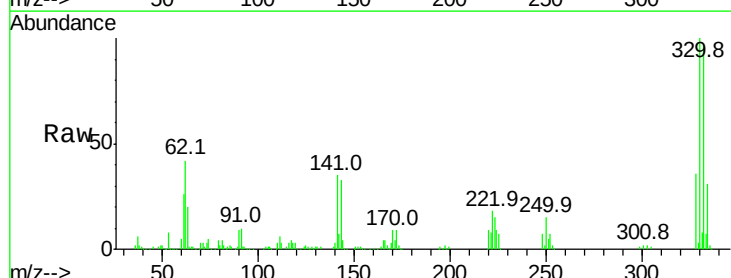
Tgt Ion:166 Resp: 14875

Ion Ratio Lower Upper

166 100

165 104.5 80.0 120.0

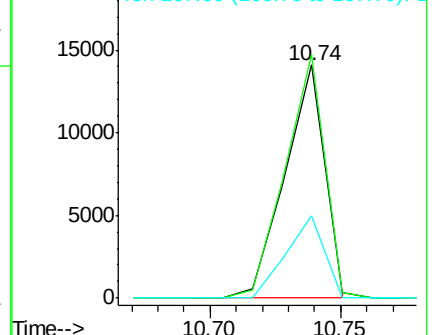
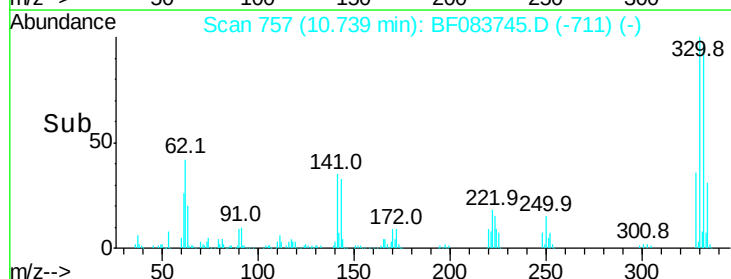
167 35.3 10.6 16.0#

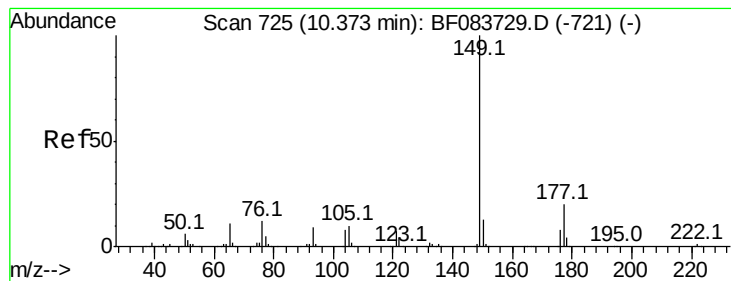


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.06 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

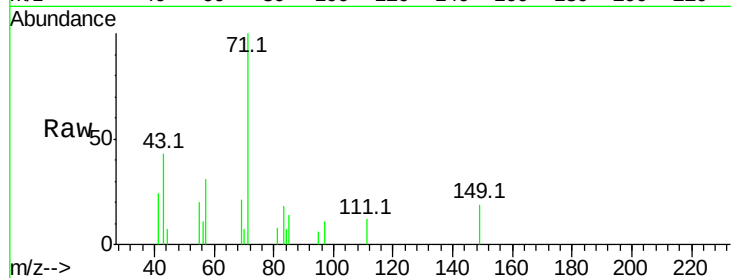
Tot Ion:149 Resp: 1055

Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

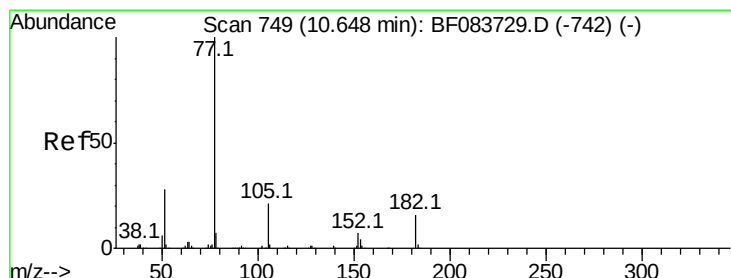
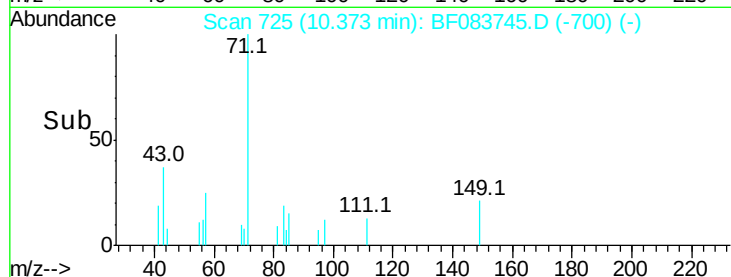
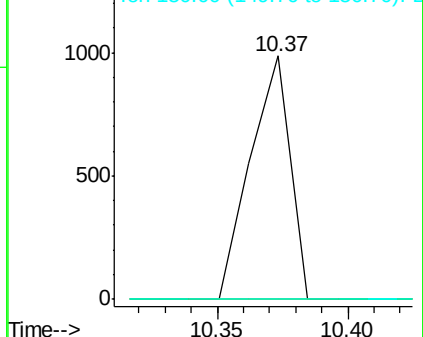
150 0.0 10.2 15.4#



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: 0.10 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.08 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Tgt Ion: 77 Resp: 1689

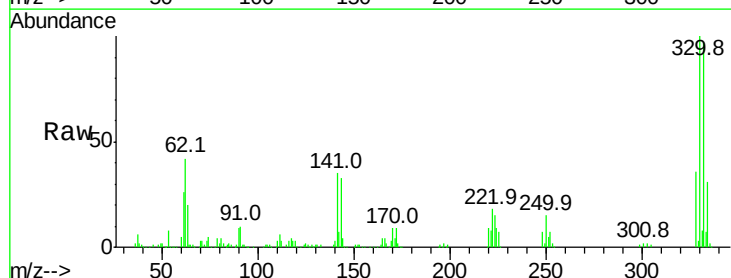
Ion Ratio Lower Upper

77 100

182 0.0 2.5 42.5#

105 112.4 2.1 42.1#

51 64.5 9.3 49.3#

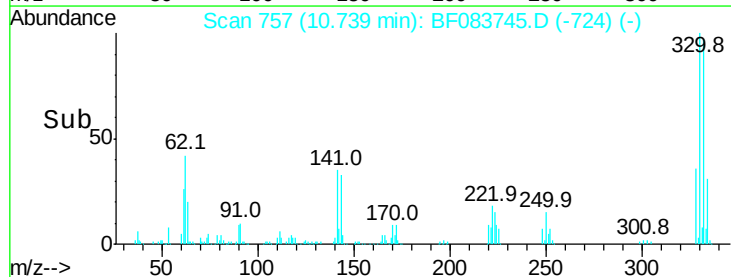
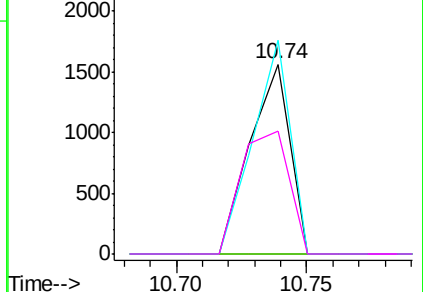


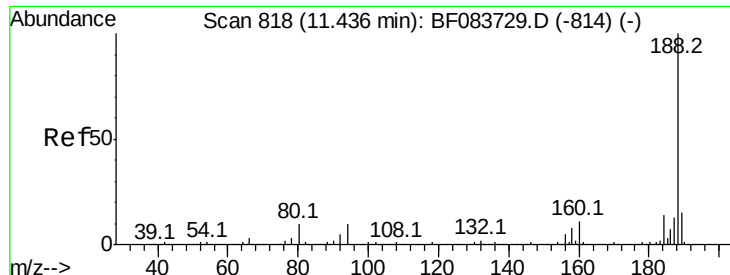
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

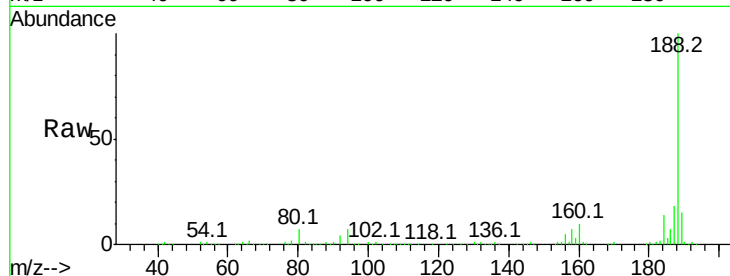




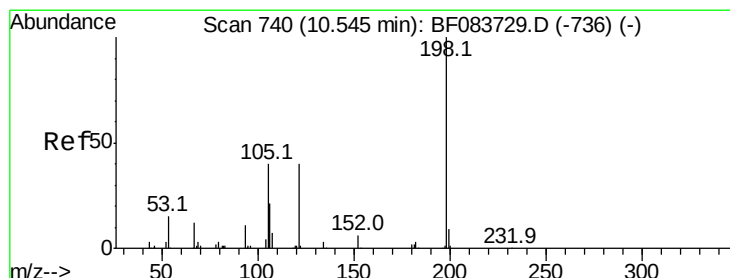
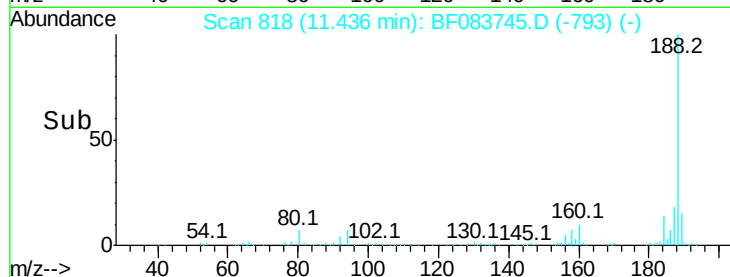
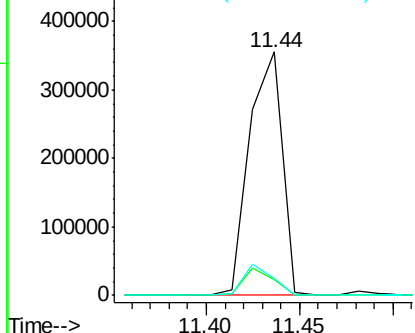
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 438869
 Ion Ratio Lower Upper
 188 100
 94 6.7 9.4 14.2#
 80 6.9 10.6 16.0#

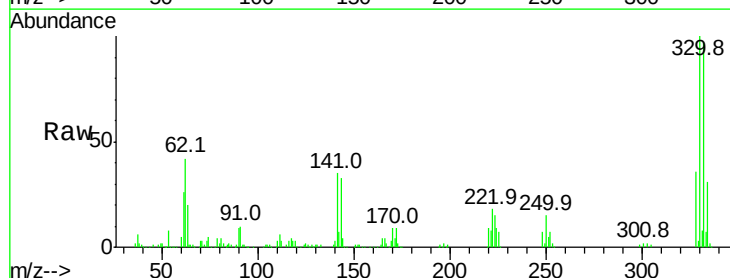


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

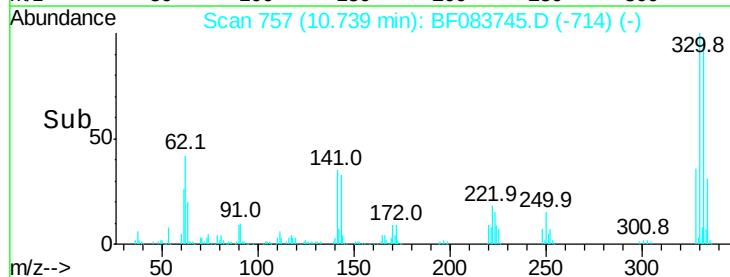
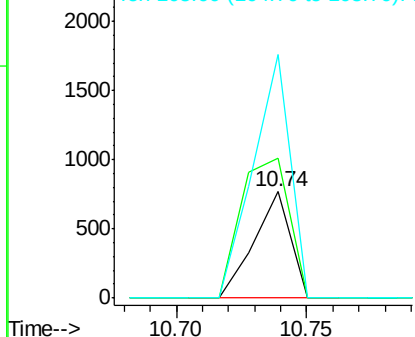


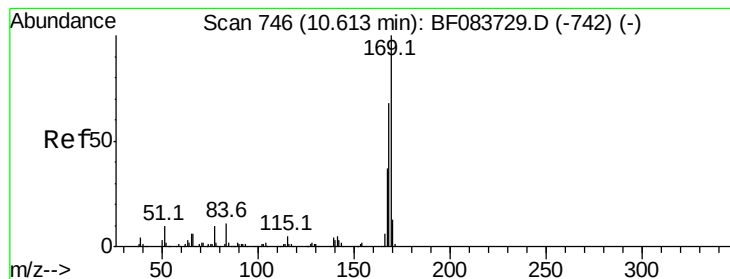
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.30 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.20 min
 Lab File: BF083745.D
 Acq: 13 Dec 2015 22:40

Tgt Ion:198 Resp: 752
 Ion Ratio Lower Upper
 198 100
 51 131.7 53.8 93.8#
 105 229.3 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: 0.71 ng

RT: 10.74 min Scan# 757

Delta R.T. 0.13 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

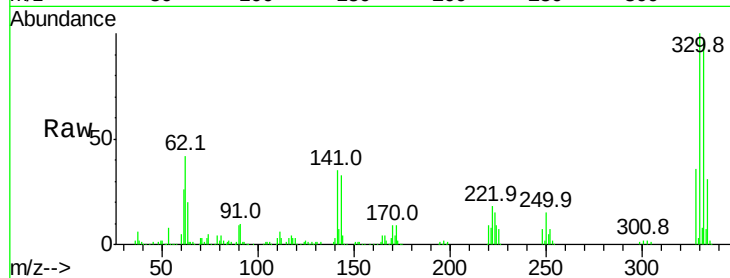
Tot Ion:169 Resp: 10662

Ion Ratio Lower Upper

169 100

168 7.4 53.0 79.6#

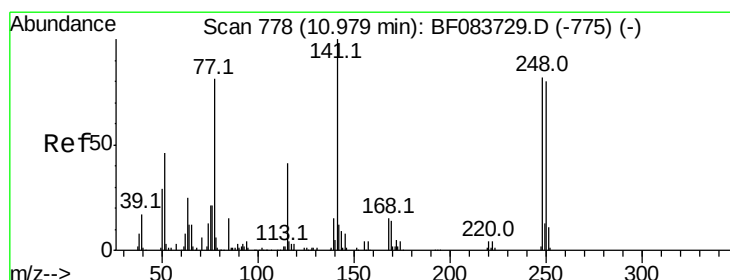
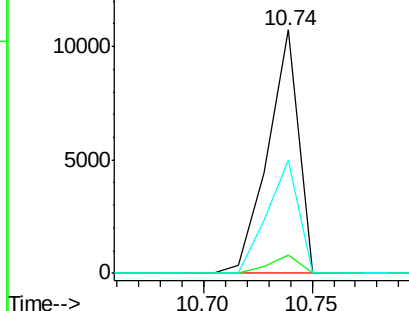
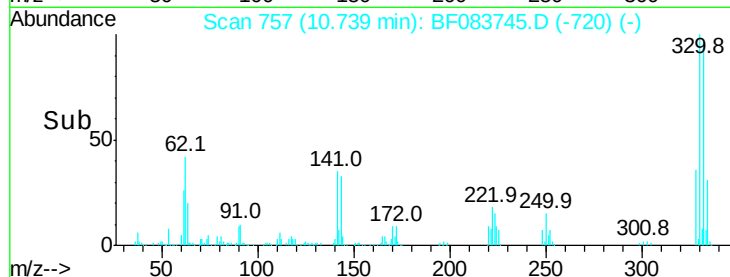
167 46.3 29.3 43.9#



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: 4.35 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

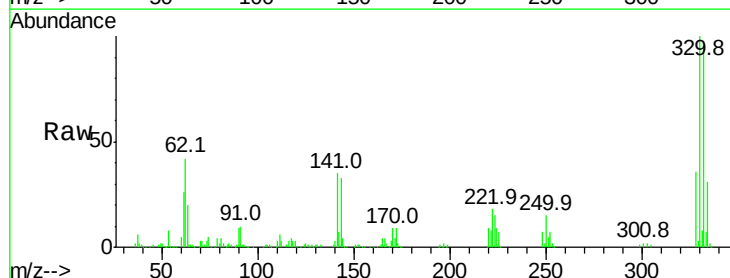
Tgt Ion:248 Resp: 21345

Ion Ratio Lower Upper

248 100

250 208.0 79.2 118.8#

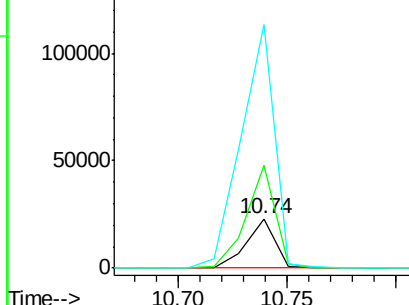
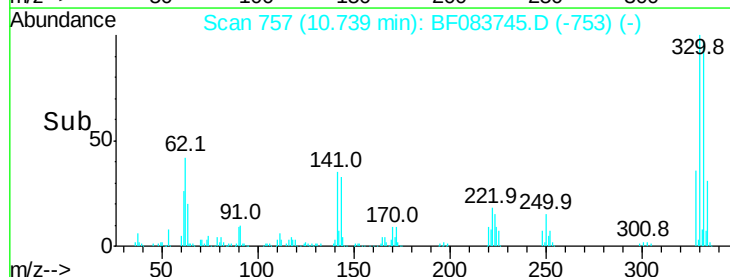
141 492.8 58.2 87.4#

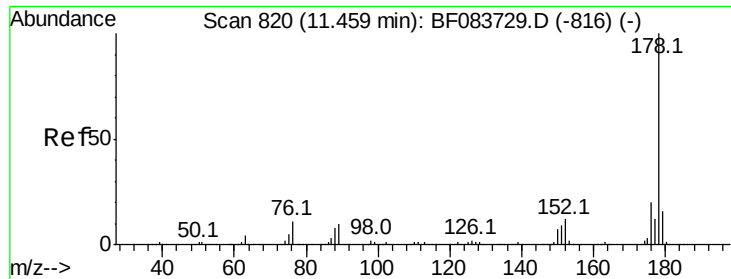


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 0.02 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

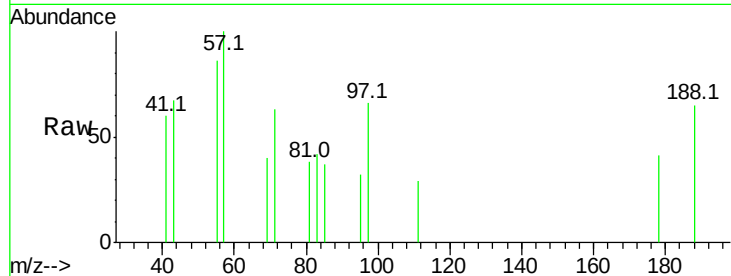
Tot Ion:178 Resp: 572

Ion Ratio Lower Upper

178 100

176 0.0 15.7 23.5#

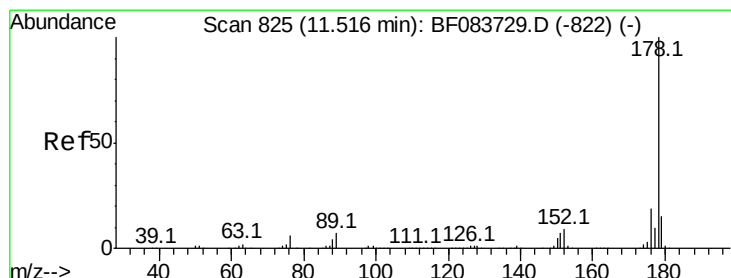
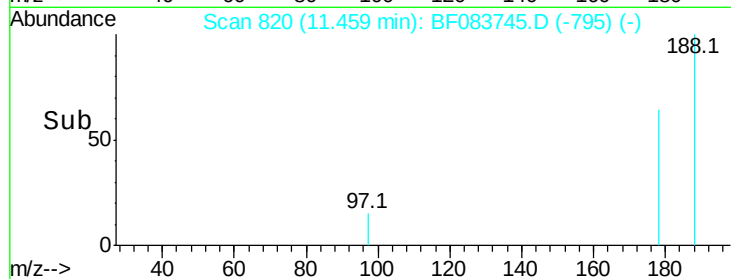
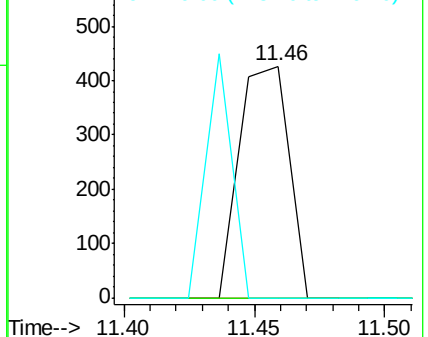
179 0.0 12.2 18.4#



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: 0.02 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

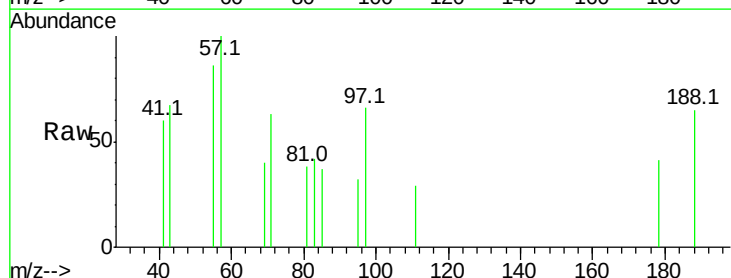
Tgt Ion:178 Resp: 572

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

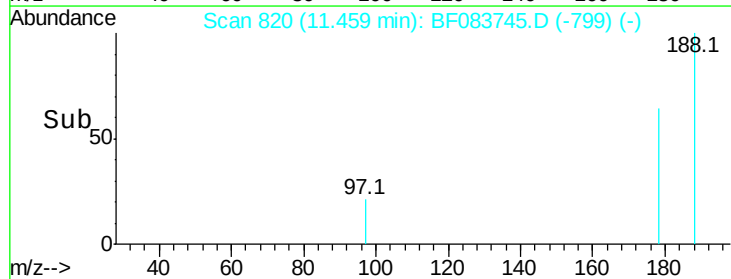
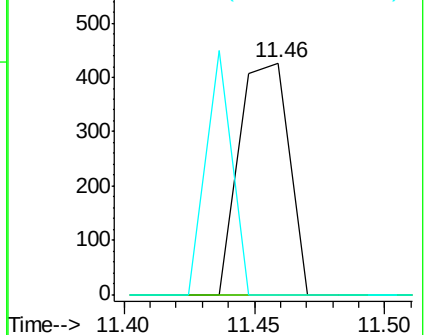
179 0.0 12.6 18.8#

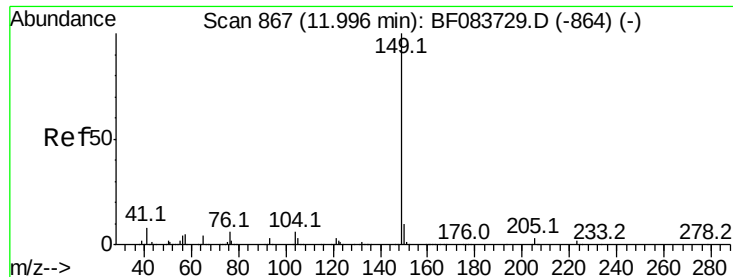


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Di-n-butylphthalate

Concen: 0.03 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

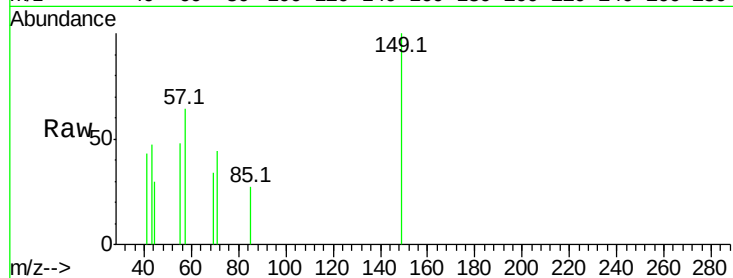
Tot Ion:149 Resp: 798

Ion Ratio Lower Upper

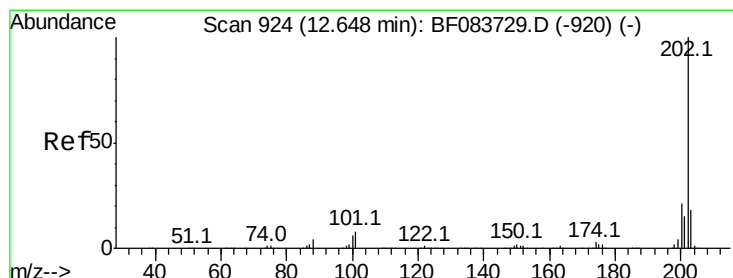
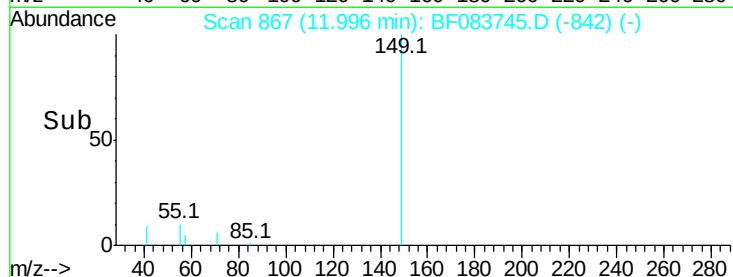
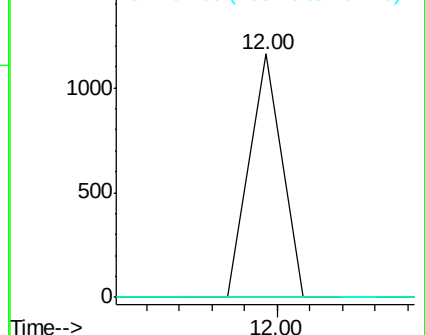
149 100

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: BF083745.D

Acq: 13 Dec 2015 22:40

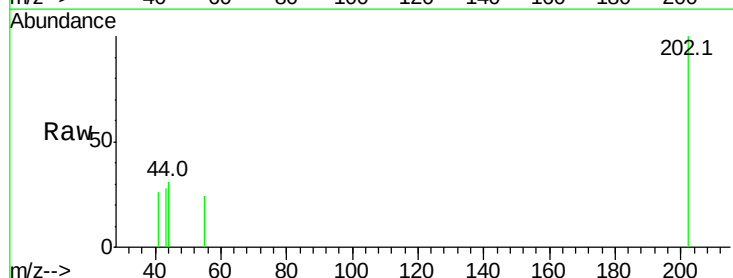
Tgt Ion:202 Resp: 878

Ion Ratio Lower Upper

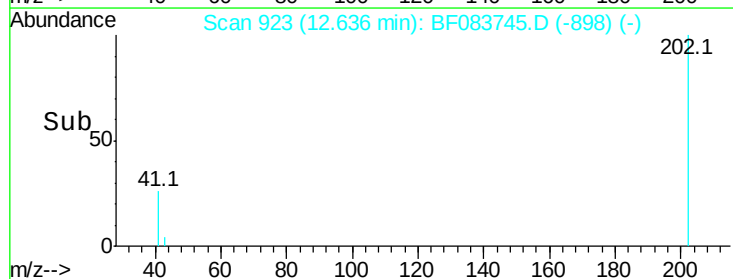
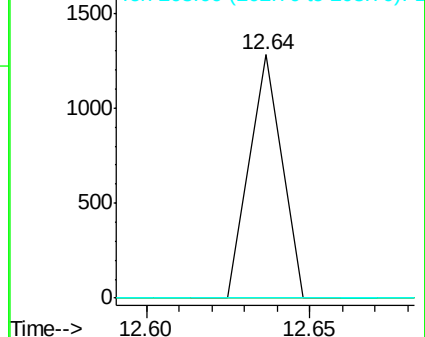
202 100

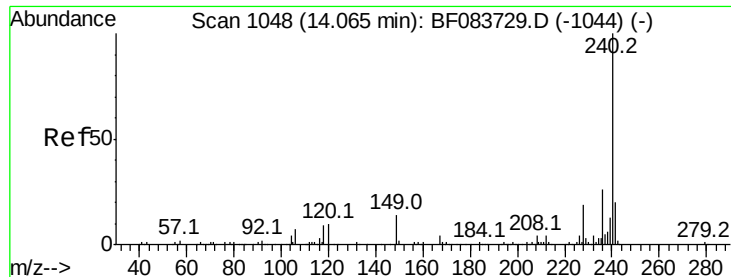
101 0.0 0.0 31.5

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: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

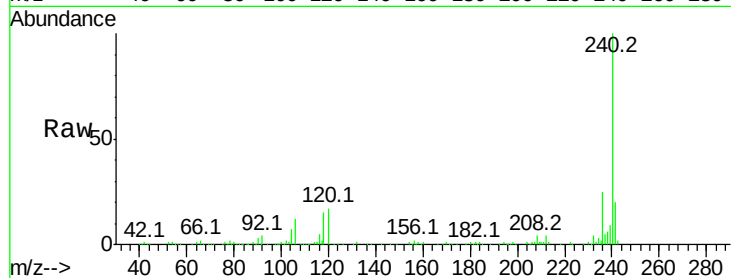
Tot Ion:240 Resp: 290537

Ion Ratio Lower Upper

240 100

120 17.2 8.1 12.1#

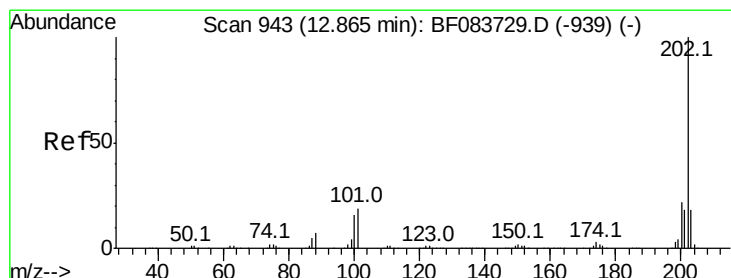
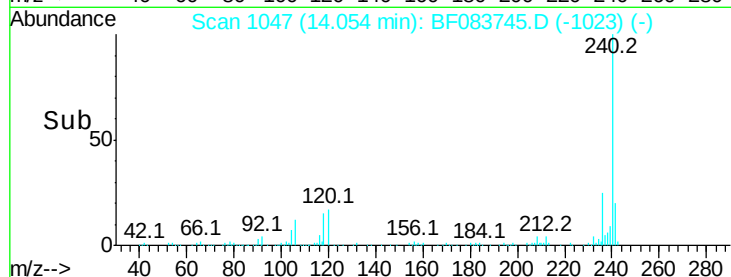
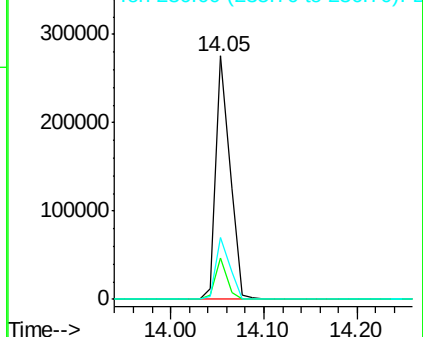
236 25.3 20.8 31.2



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: 0.03 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

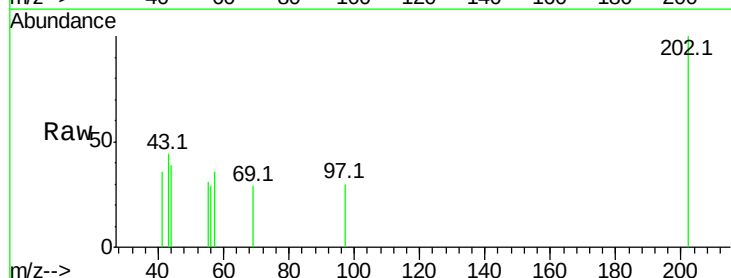
Tgt Ion:202 Resp: 766

Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

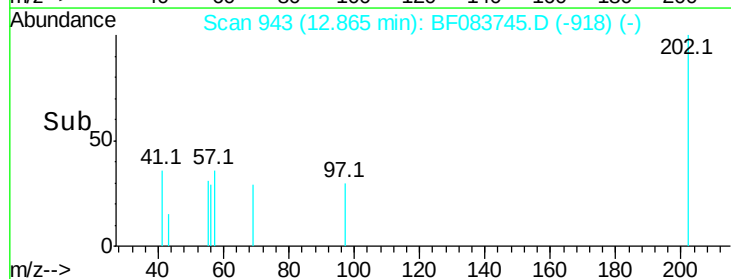
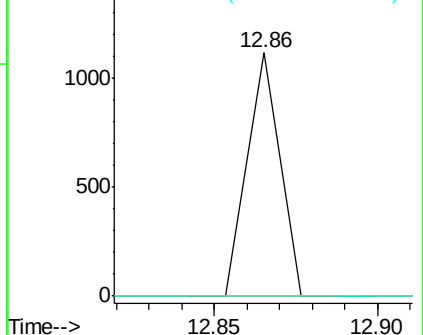
203 0.0 14.3 21.5#

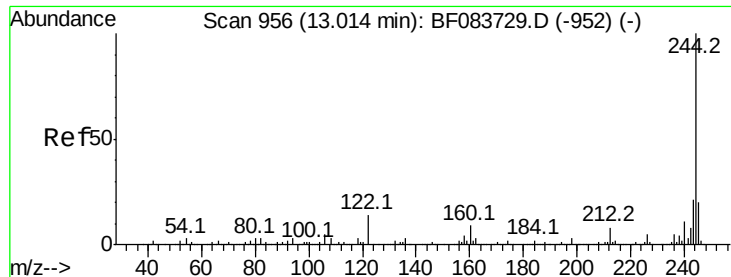


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.39 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

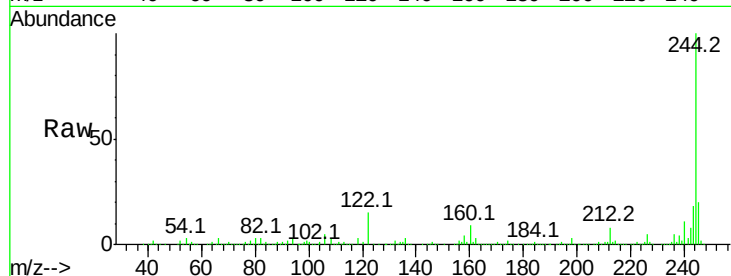
Tot Ion:244 Resp: 1193926

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

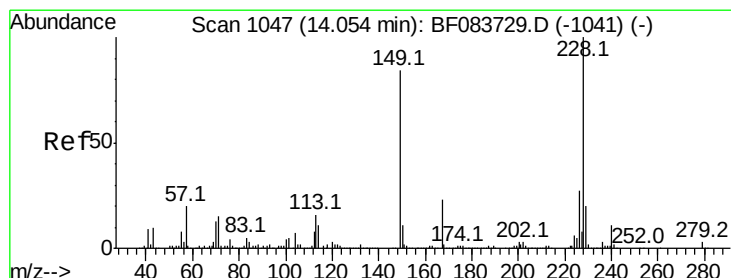
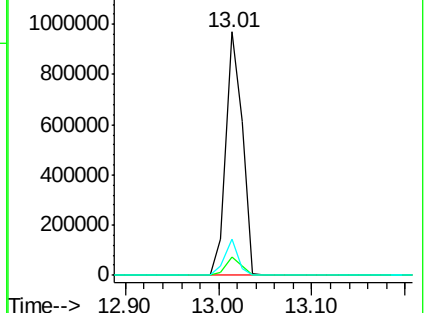
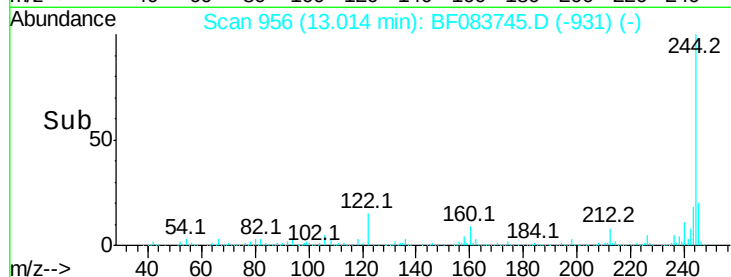
122 14.7 11.0 16.6



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



#80

Benzo(a)anthracene

Concen: 0.10 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

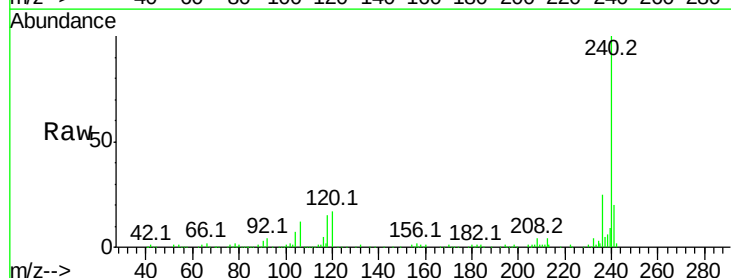
Tgt Ion:228 Resp: 1605

Ion Ratio Lower Upper

228 100

226 0.0 22.3 33.5#

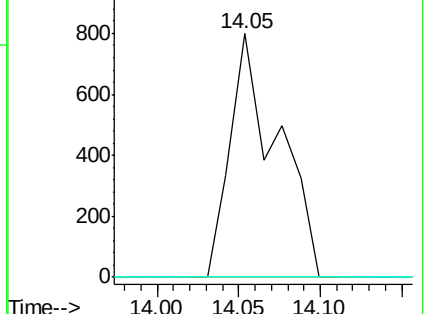
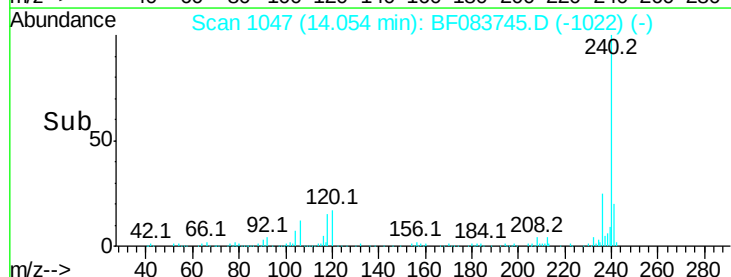
229 0.0 15.7 23.5#

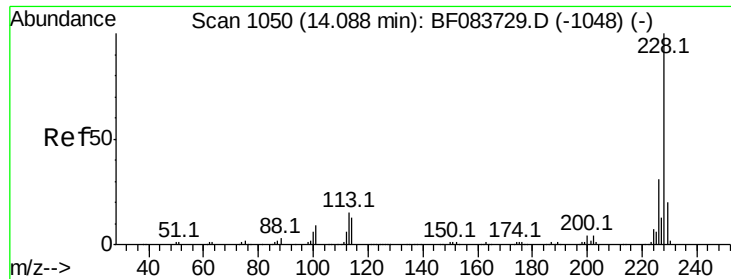


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 0.10 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.05 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampled :

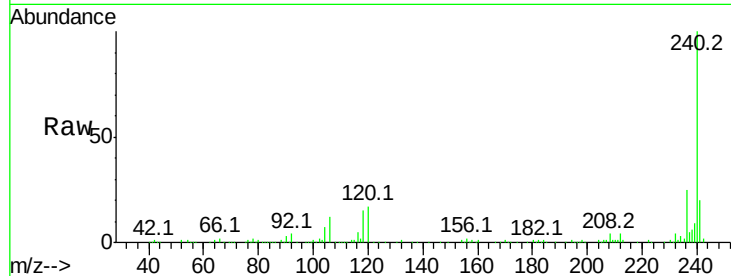
Tot Ion:228 Resp: 1605

Ion Ratio Lower Upper

228 100

226 0.0 24.7 37.1#

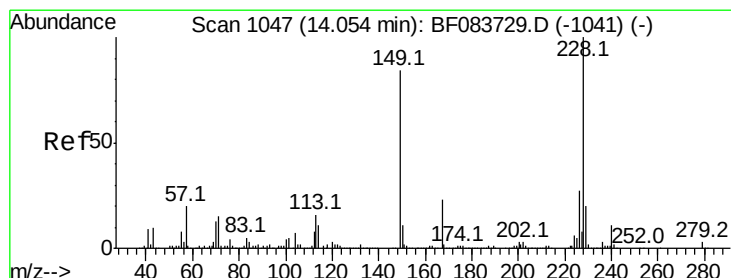
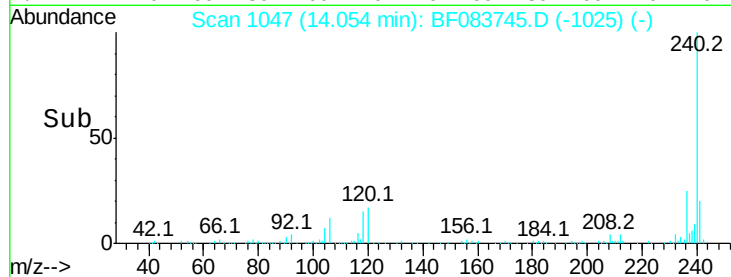
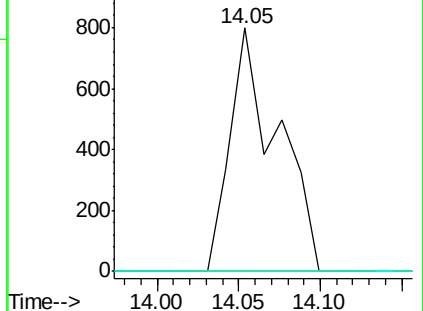
229 0.0 16.3 24.5#



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: 0.06 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

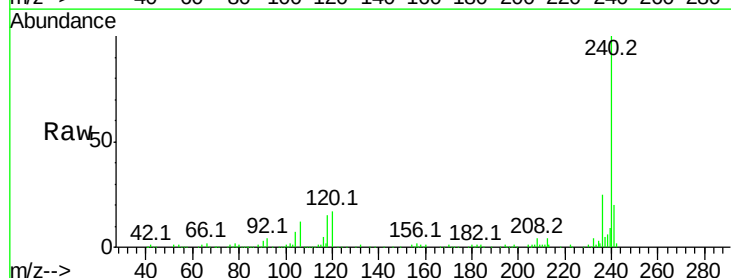
Tgt Ion:149 Resp: 724

Ion Ratio Lower Upper

149 100

167 0.0 21.8 32.8#

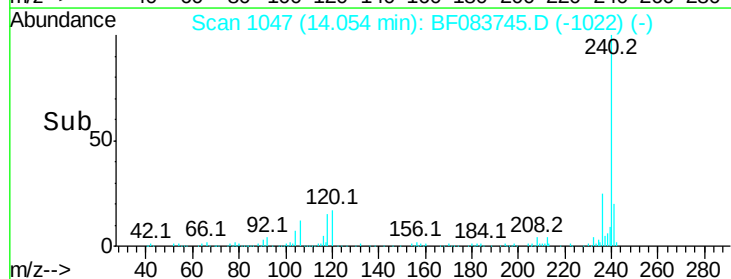
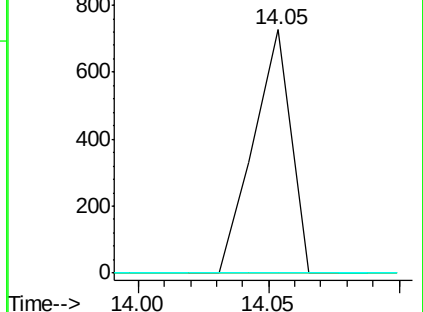
279 0.0 3.0 4.4#

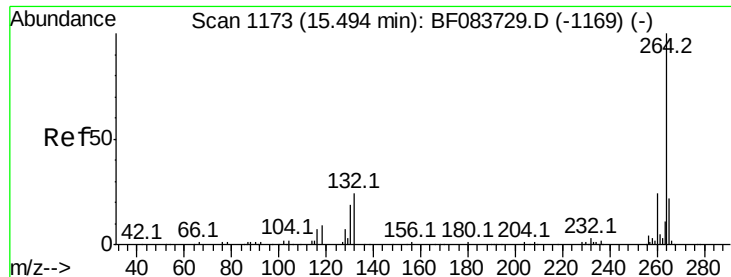


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

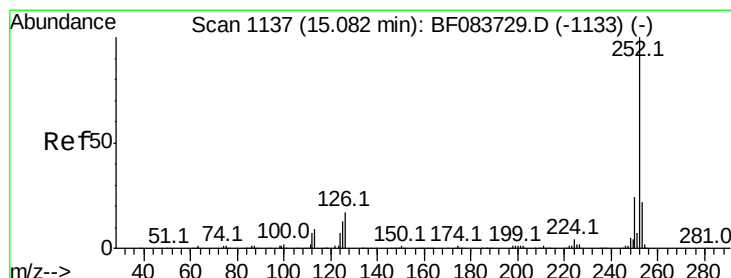
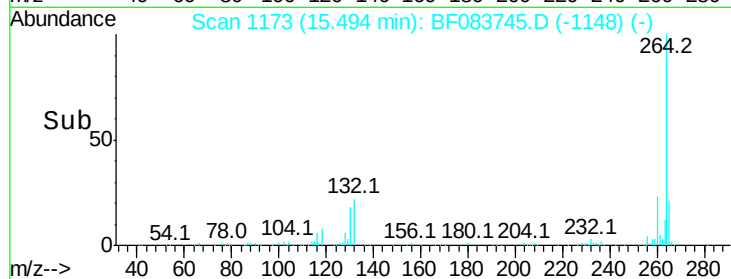
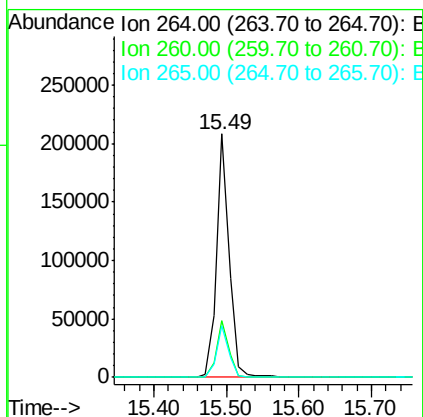
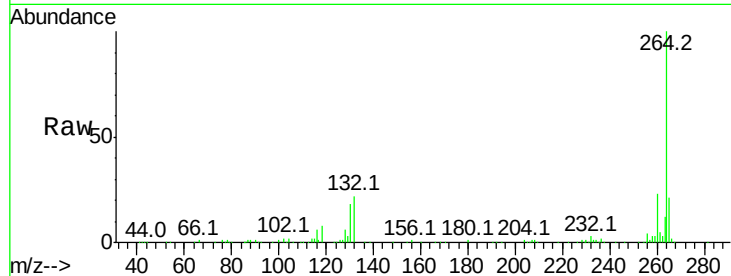




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

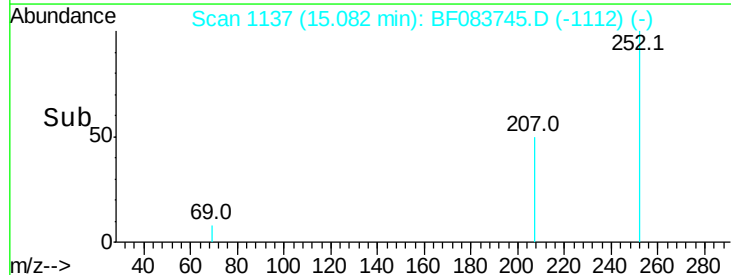
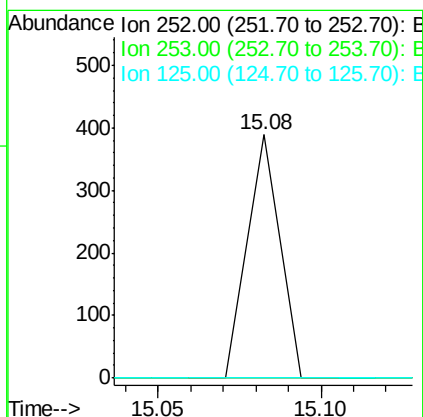
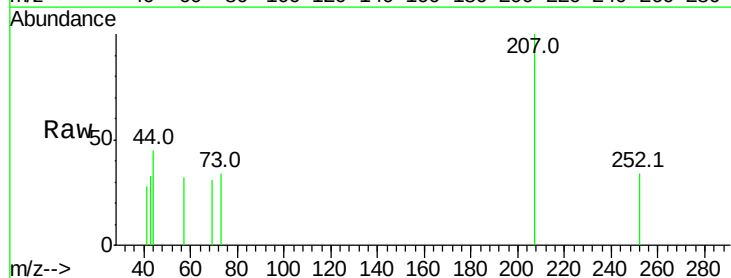
Instrument :
BNA_F
ClientSampleId :

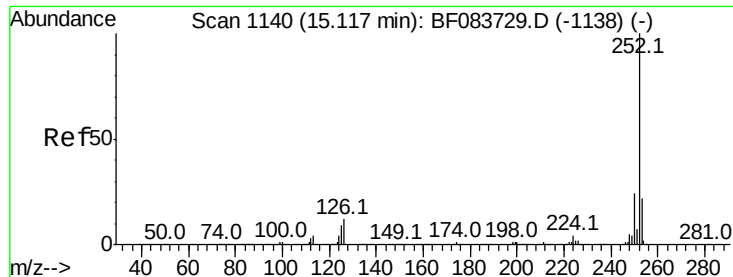
Tot Ion:264 Resp: 250957
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.0
265 21.3 17.8 26.6



#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083745.D
Acq: 13 Dec 2015 22:40

Tgt Ion:252 Resp: 267
Ion Ratio Lower Upper
252 100
253 0.0 18.2 27.4#
125 0.0 8.2 12.4#





#88

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.05 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

Instrument :

BNA_F

ClientSampleId :

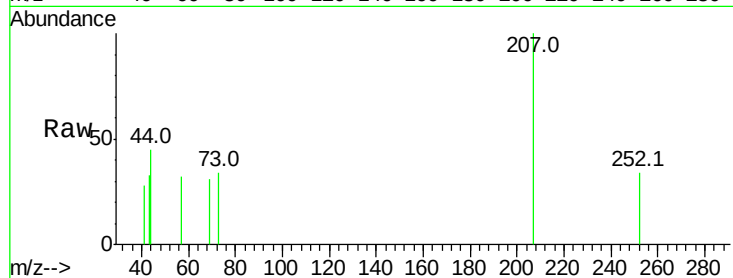
Tot Ion:252 Resp: 267

Ion Ratio Lower Upper

252 100

253 0.0 18.6 27.8#

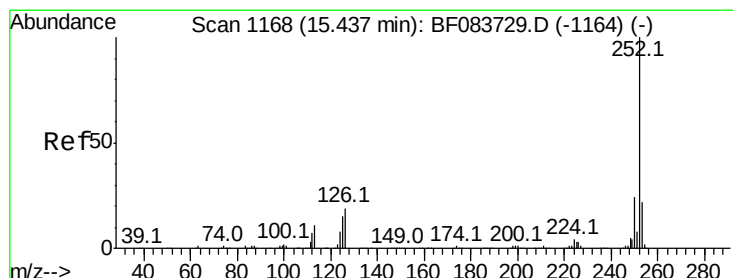
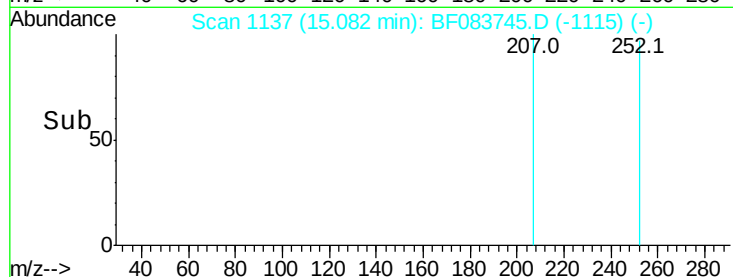
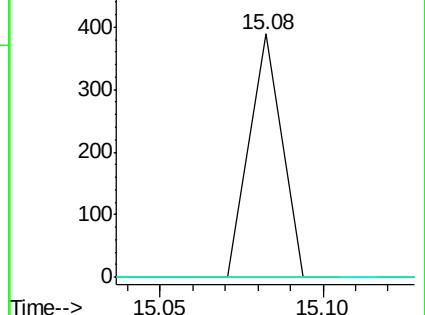
125 0.0 11.5 17.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 0.04 ng

RT: 15.49 min Scan# 1173

Delta R.T. 0.05 min

Lab File: BF083745.D

Acq: 13 Dec 2015 22:40

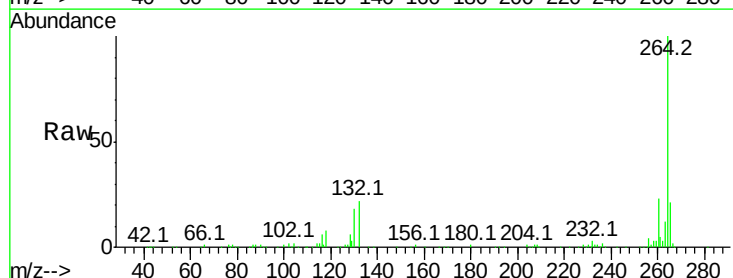
Tgt Ion:252 Resp: 531

Ion Ratio Lower Upper

252 100

253 0.0 17.5 26.3#

125 0.0 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

