

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083723.D
 Acq On : 12 Dec 2015 4:25
 Operator : UM/IZ
 Sample : G4648-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(25-28)

Quant Time: Dec 12 05:35:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

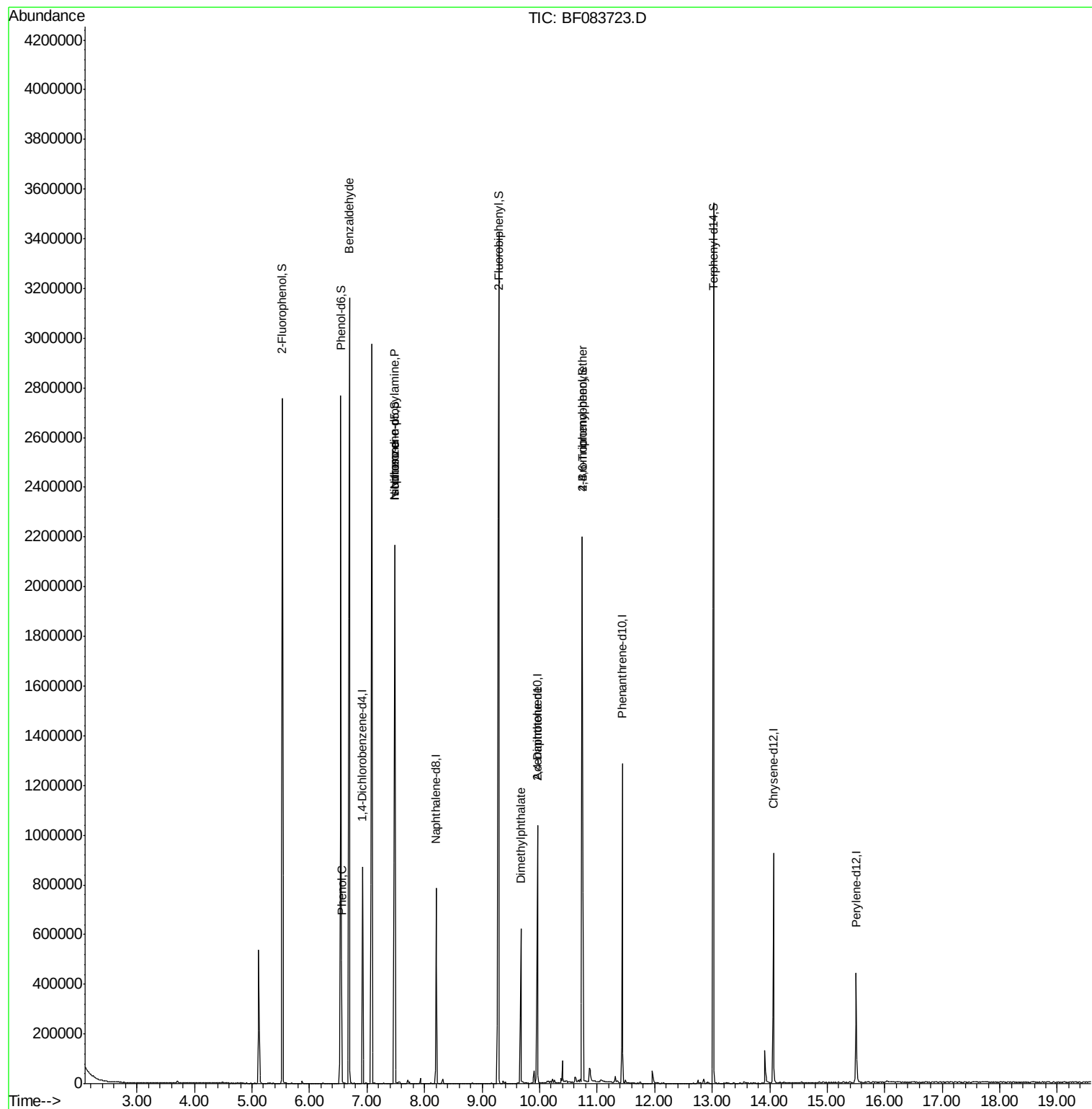
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	120324	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	451705	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	223653	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	422175	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	319866	20.00	ng	-0.01
86) Perylene-d12	15.51	264	205057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	905111	115.85	ng	0.00
7) Phenol-d6	6.54	99	1107141	114.74	ng	0.00
23) Nitrobenzene-d5	7.48	82	739407	111.01	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	304255	140.54	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1400602	92.24	ng	0.00
78) Terphenyl-d14	13.03	244	1284837	90.20	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	23565	4.43	ng	Qvalue 94
10) Phenol	6.56	94	22996	2.05	ng	87
19) n-Nitroso-di-n-propylamine	7.48	70	102015	18.14	ng	# 73
25) Isophorone	7.48	82	731194	49.12	ng	# 69
49) Dimethylphthalate	9.68	163	292399	16.99	ng	98
56) 2,4-Dinitrotoluene	9.96	165	28421	6.69	ng	# 12
64) 4,6-Dinitro-2-methylphenol	10.74	198	521	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.74	248	19567	4.34	ng	# 1

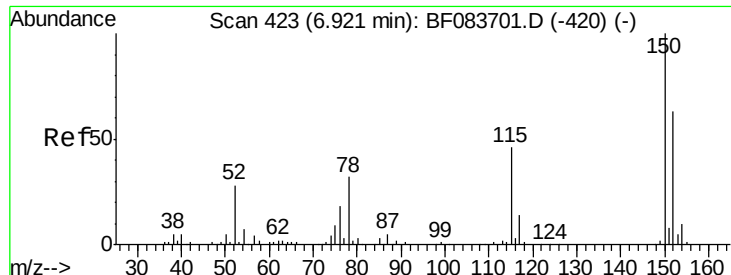
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 19:24:37 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

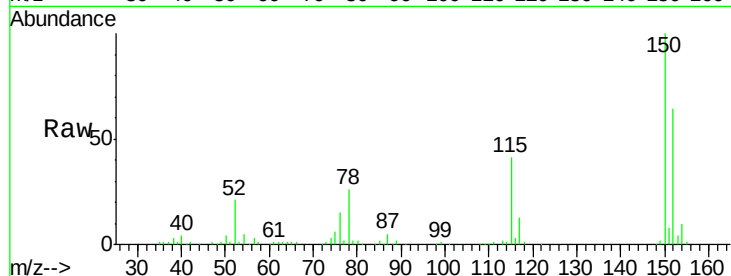
Tgt Ion:152 Resp: 120324

Ion Ratio Lower Upper

152 100

150 155.9 126.5 189.7

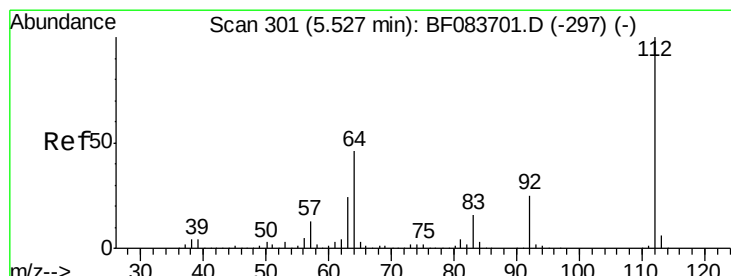
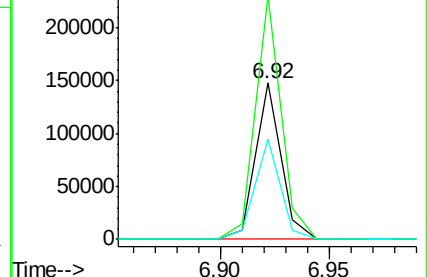
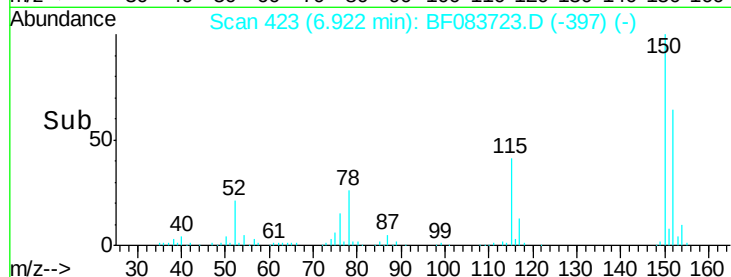
115 63.9 52.3 78.5



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: 115.85 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

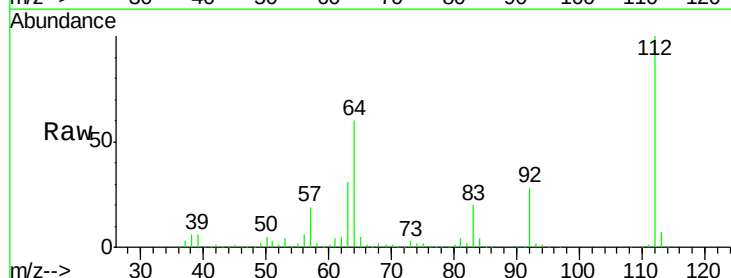
Tgt Ion:112 Resp: 905111

Ion Ratio Lower Upper

112 100

64 60.4 50.5 75.7

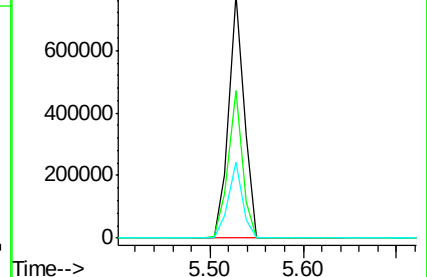
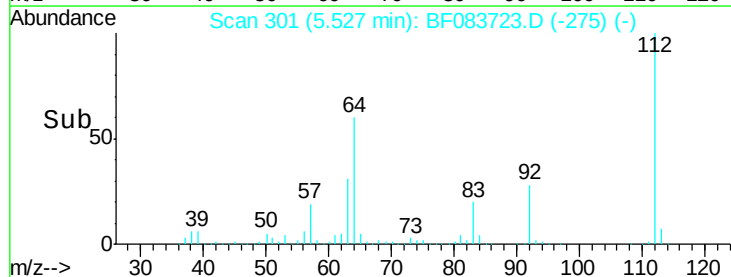
63 31.4 25.8 38.6

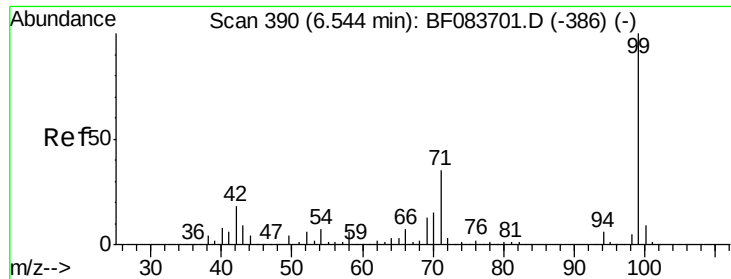


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.74 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

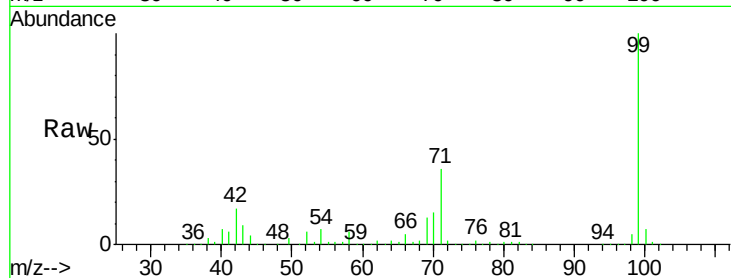
Tgt Ion: 99 Resp: 1107141

Ion Ratio Lower Upper

99 100

42 17.3 17.3 25.9

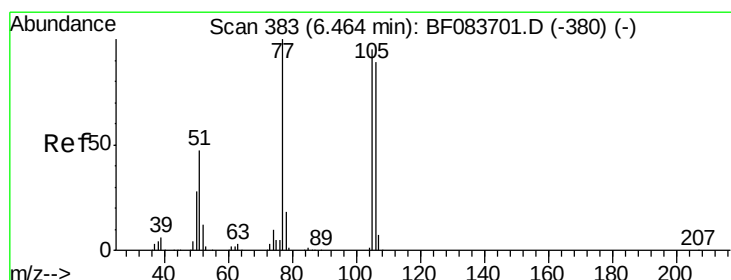
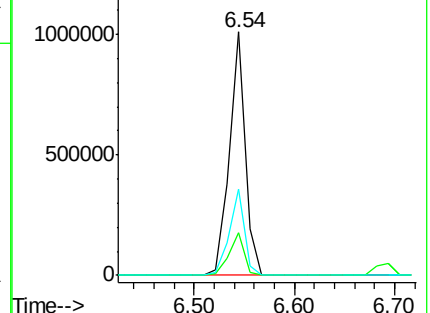
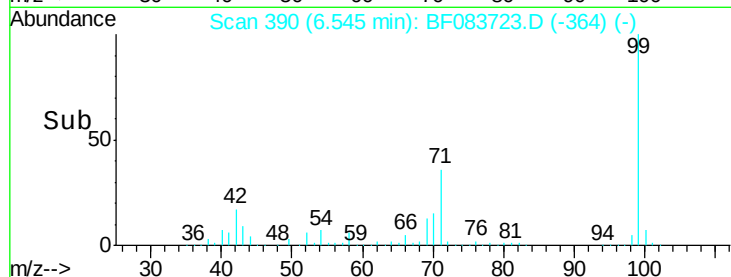
71 35.6 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 4.43 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

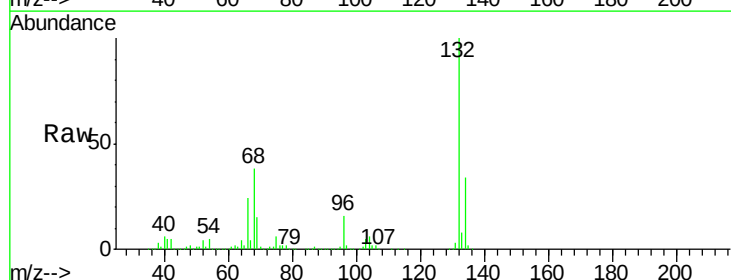
Tgt Ion: 77 Resp: 23565

Ion Ratio Lower Upper

77 100

105 85.3 71.8 111.8

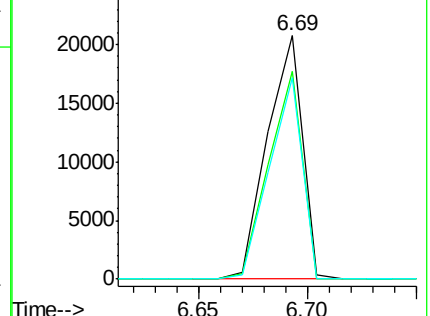
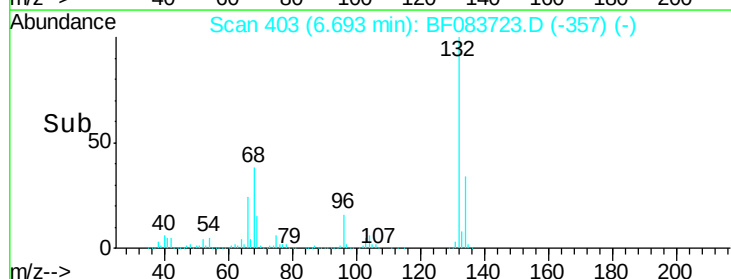
106 82.5 66.8 106.8

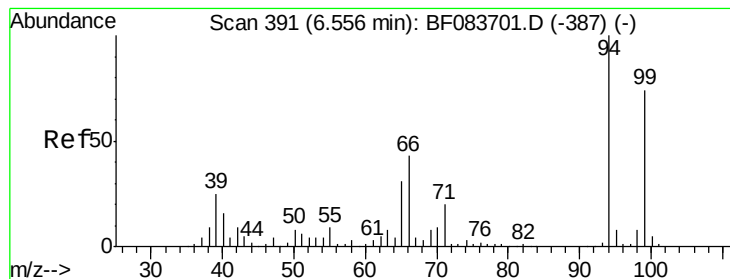


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.05 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

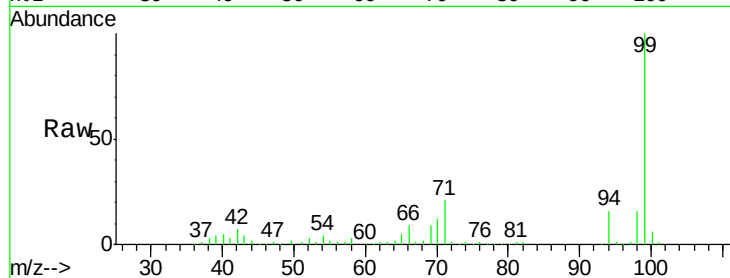
Tgt Ion: 94 Resp: 22996

Ion Ratio Lower Upper

94 100

65 30.7 20.9 60.9

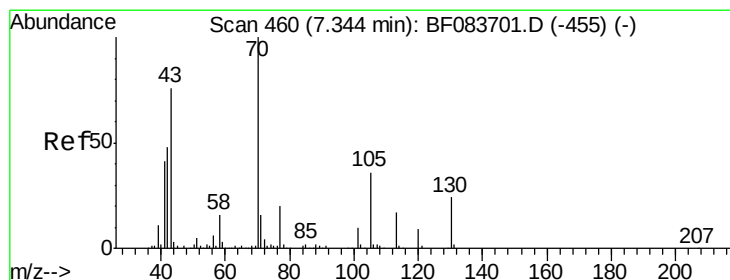
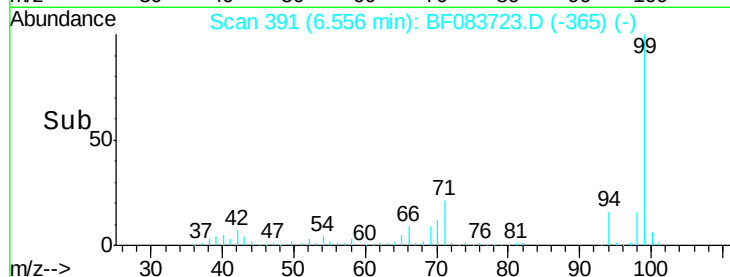
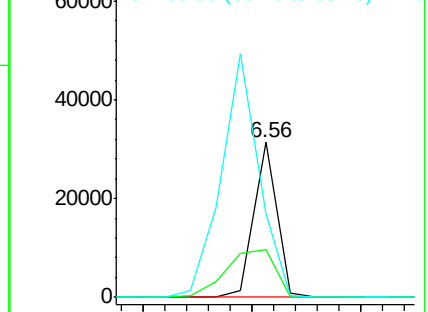
66 53.6 41.6 81.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.14 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Tgt Ion: 70 Resp: 102015

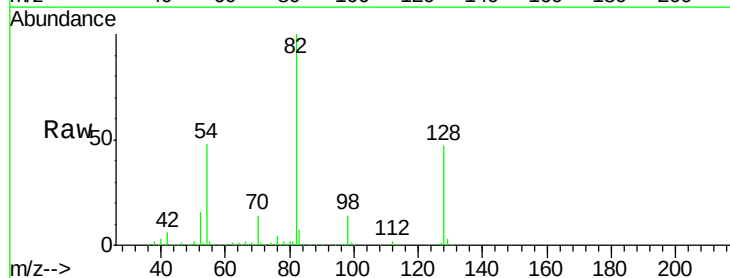
Ion Ratio Lower Upper

70 100

42 42.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.3 15.4 23.0#

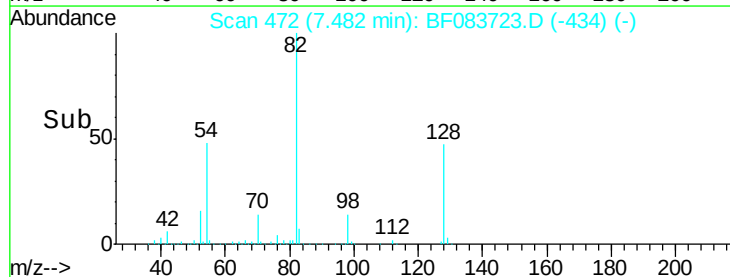
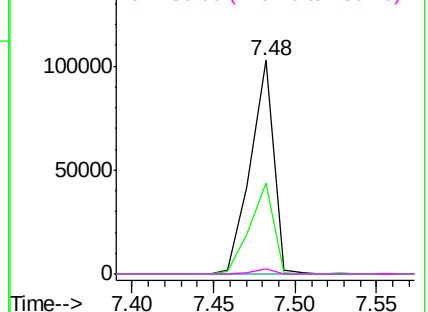


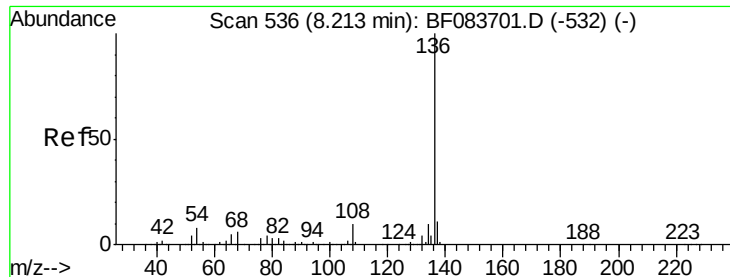
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

Tgt Ion:136 Resp: 451705

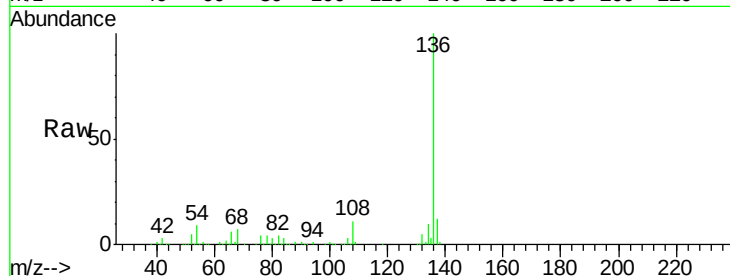
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 9.4 7.8 11.6

68 7.1 5.7 8.5

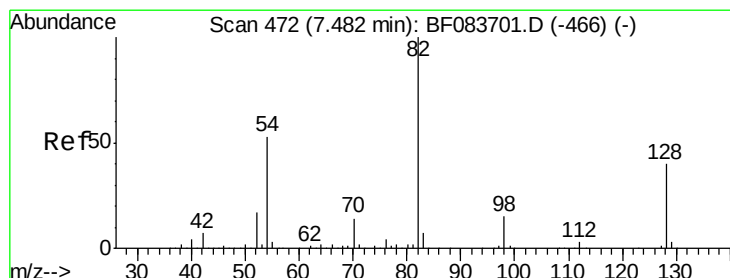
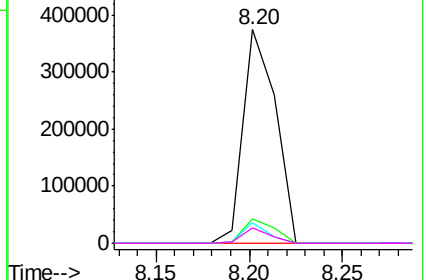
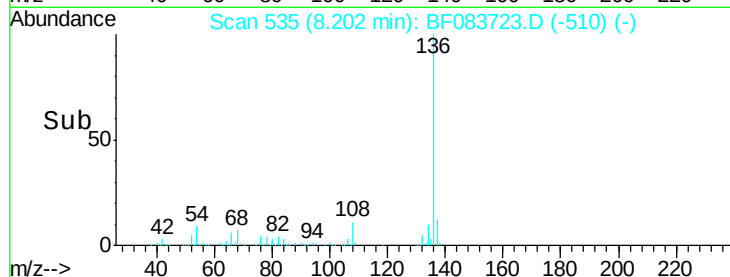


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 111.01 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

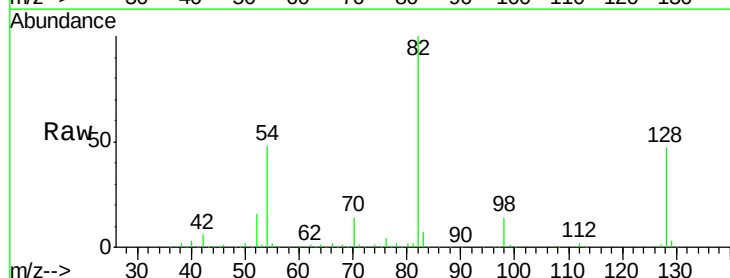
Tgt Ion: 82 Resp: 739407

Ion Ratio Lower Upper

82 100

128 46.6 30.7 46.1#

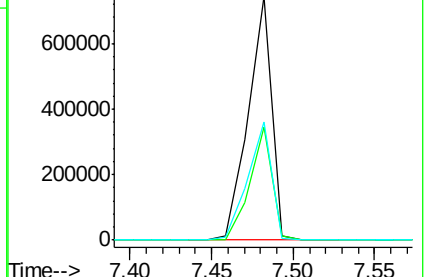
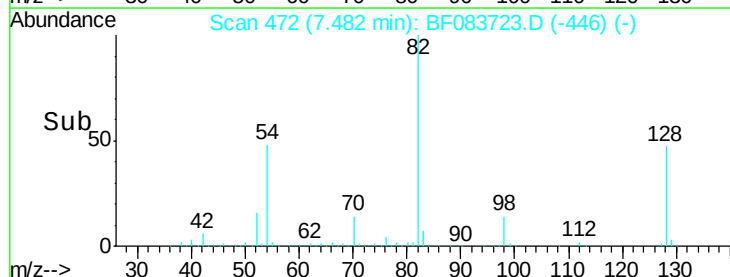
54 48.4 42.5 63.7

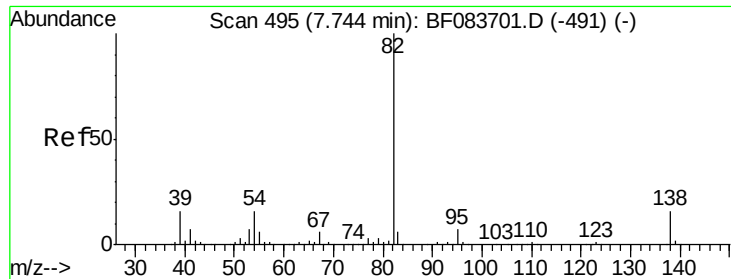


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.12 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

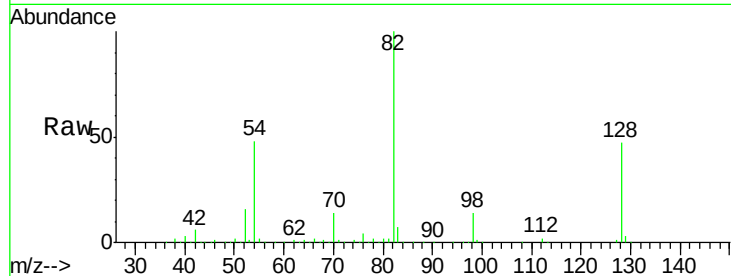
Tgt Ion: 82 Resp: 731194

Ion Ratio Lower Upper

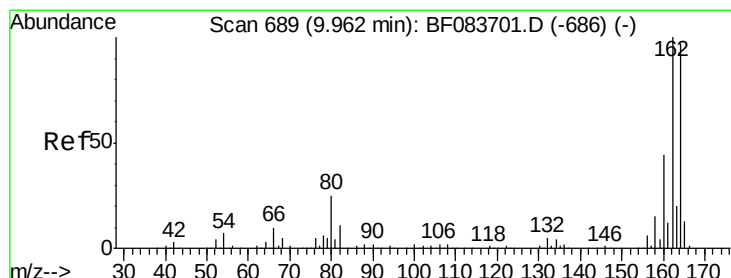
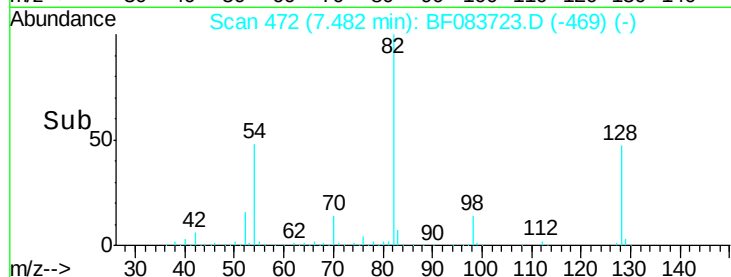
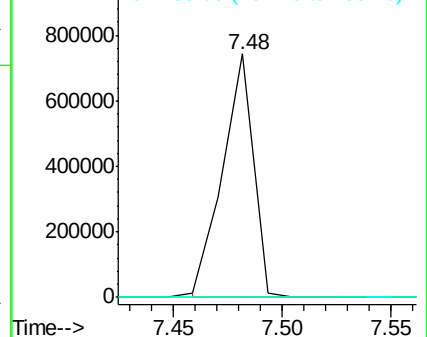
82 100

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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

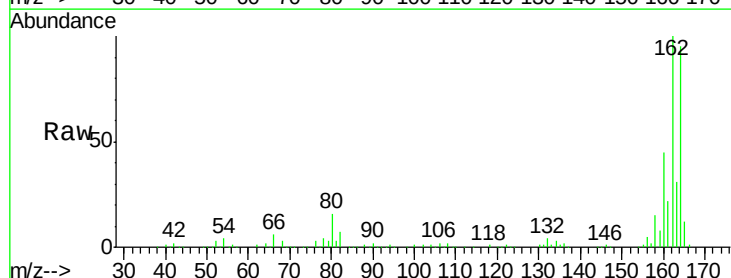
Tgt Ion: 164 Resp: 223653

Ion Ratio Lower Upper

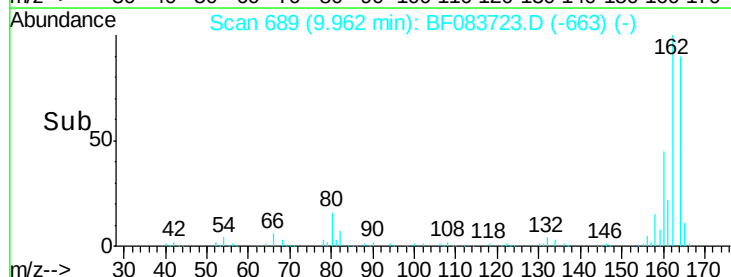
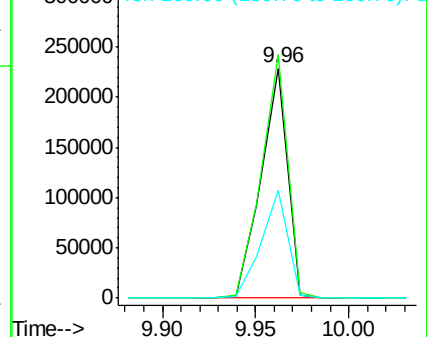
164 100

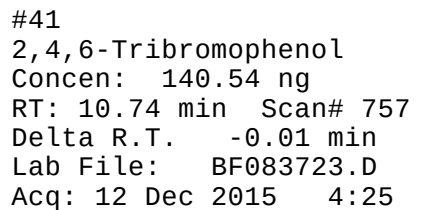
162 105.8 78.8 118.2

160 47.2 33.4 50.2



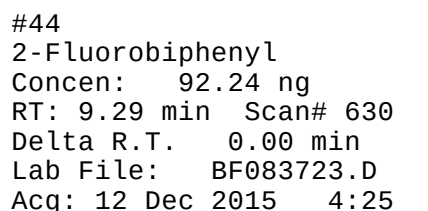
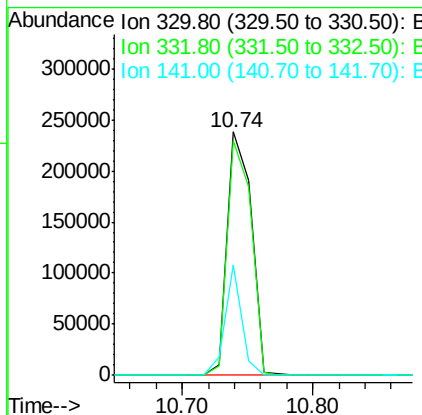
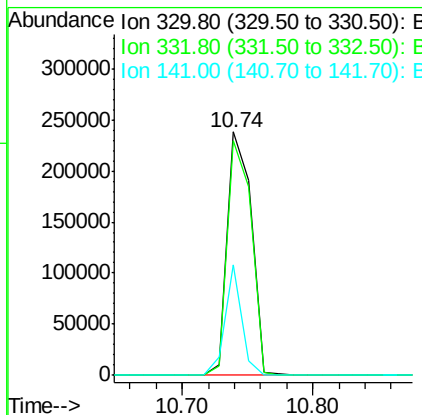
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



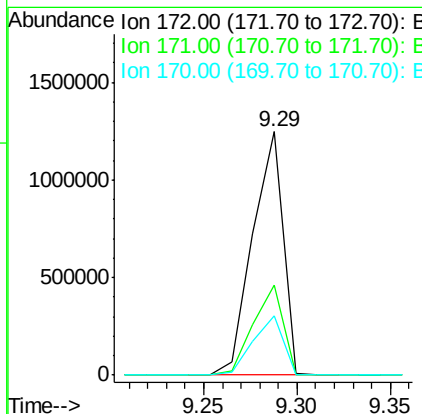
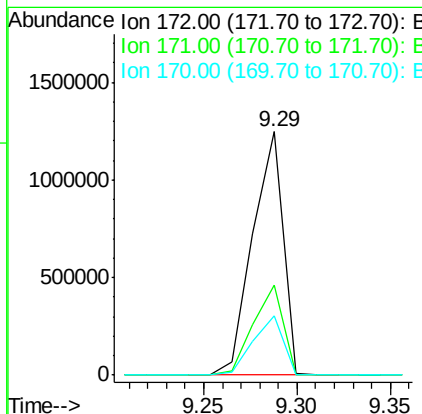


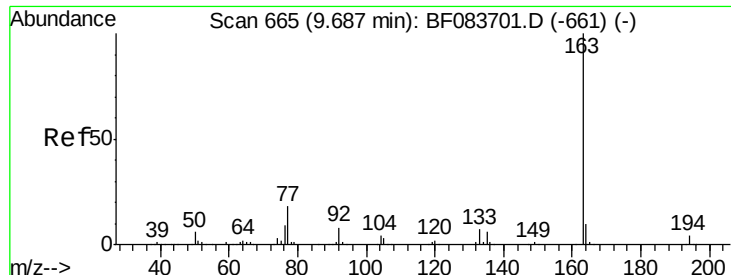
Instrument :
BNA_F
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SB-05(25-28)

Tgt	Ion:330	Resp:	304255
Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	31.7	0.0	0.0#



Tgt	Ion:172	Resp:	1400602
Ion	Ratio	Lower	Upper
172	100		
171	37.1	28.6	42.8
170	24.6	19.4	29.0





#49

Dimethylphthalate

Concen: 16.99 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

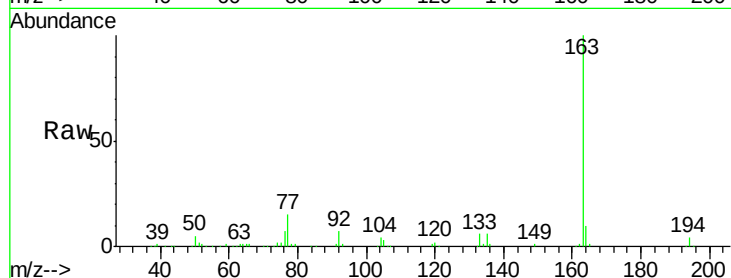
Tgt Ion:163 Resp: 292399

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

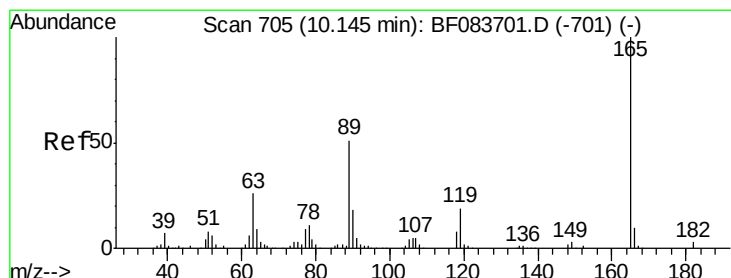
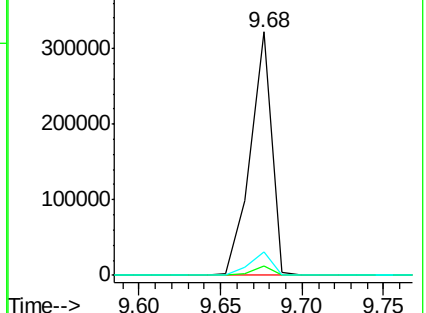
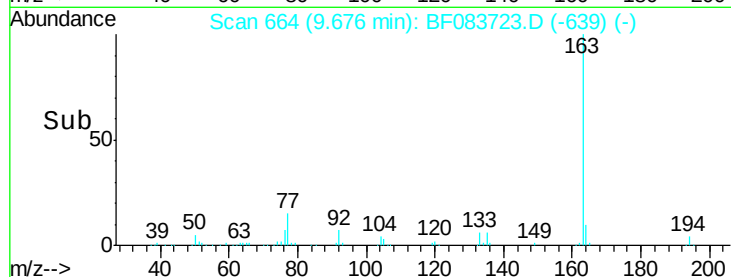
164 9.8 8.6 13.0



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



#56

2,4-Dinitrotoluene

Concen: 6.69 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Tgt Ion:165 Resp: 28421

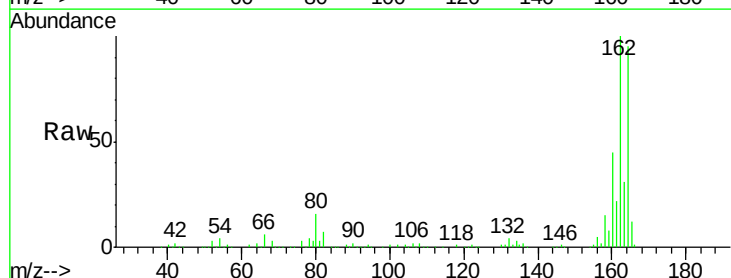
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.9 72.6 108.8#

182 0.0 1.4 2.0#

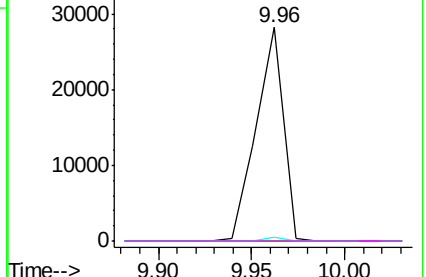
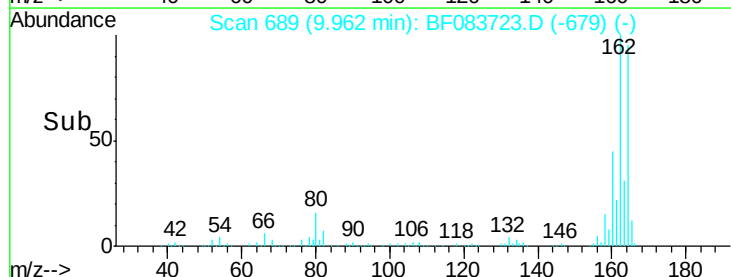


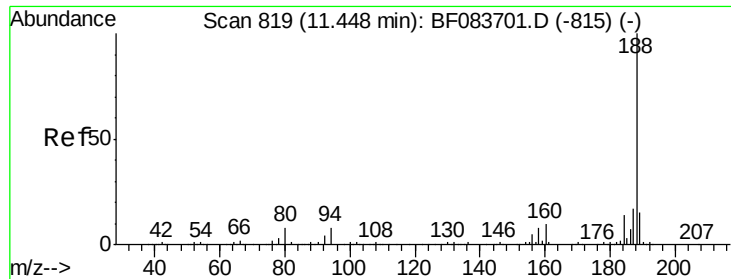
Abundance Ion 165.00 (164.70 to 165.70): E

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

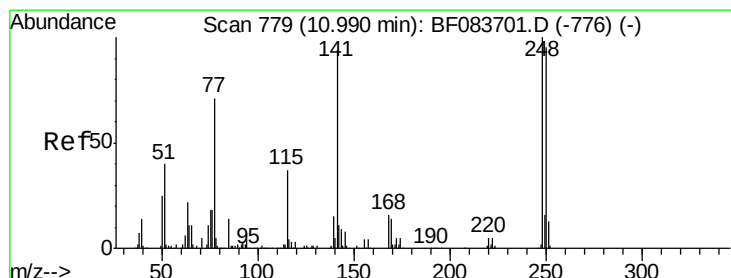
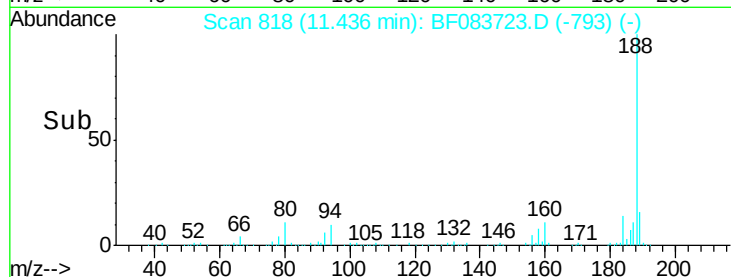
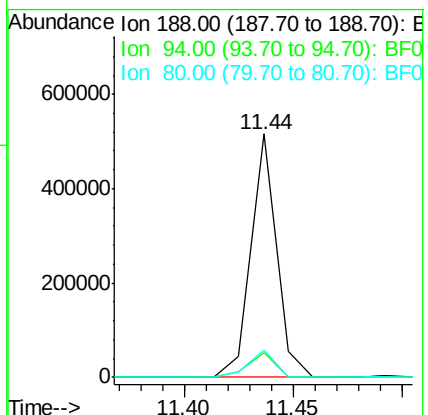
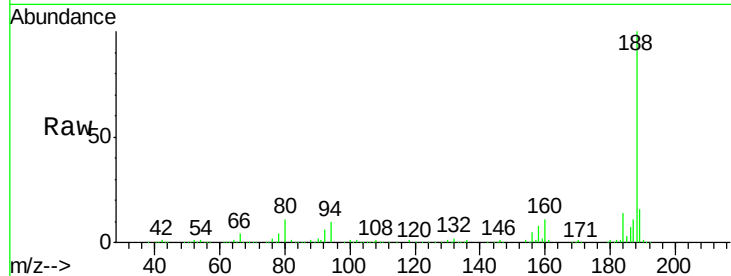




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083723.D
Acq: 12 Dec 2015 4:25

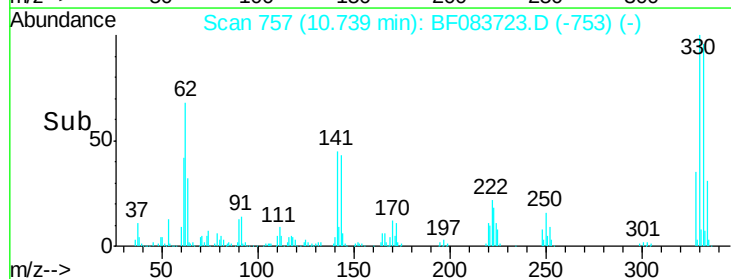
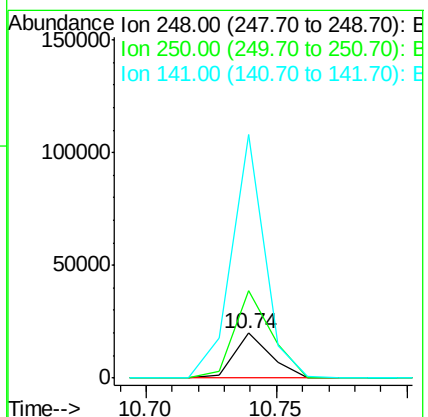
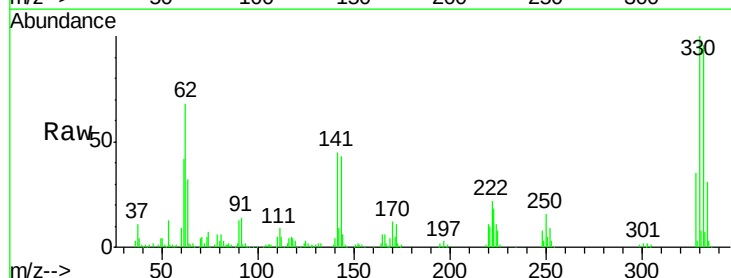
Instrument :
BNA_F
ClientSampleId :
SB-05(25-28)

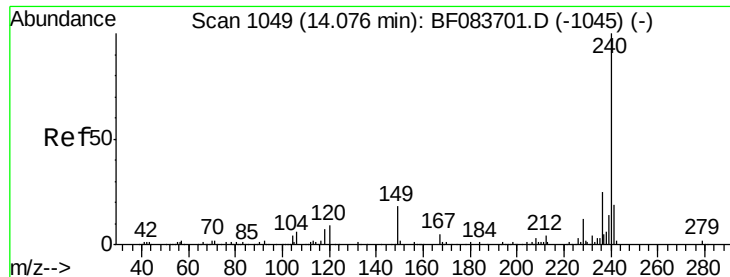
Tgt Ion:188 Resp: 422175
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.2 10.6 16.0



#66
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083723.D
Acq: 12 Dec 2015 4:25

Tgt Ion:248 Resp: 19567
Ion Ratio Lower Upper
248 100
250 196.7 79.2 118.8#
141 545.4 58.2 87.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

Instrument :

BNA_F

ClientSampleId :

SB-05(25-28)

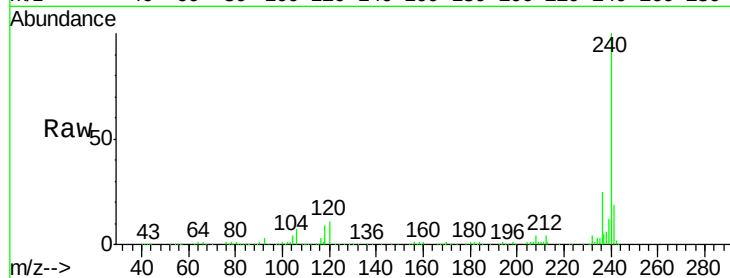
Tgt Ion:240 Resp: 319866

Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

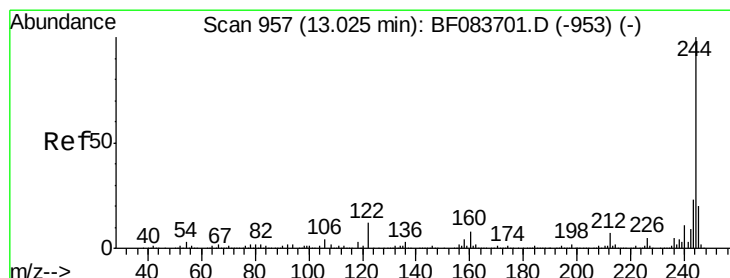
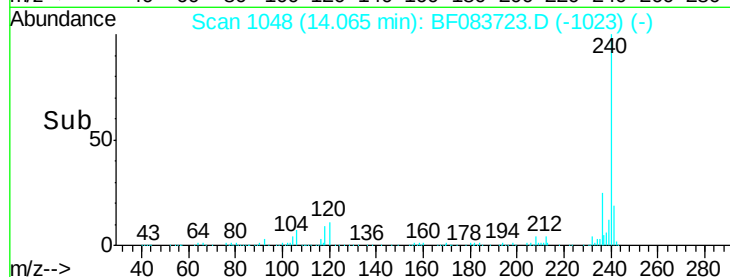
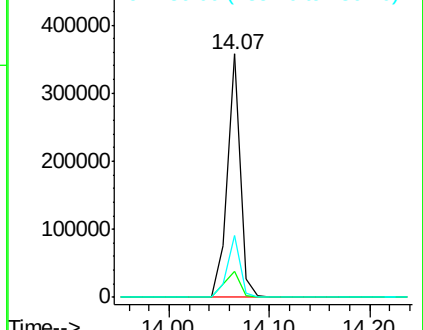
236 25.3 20.8 31.2



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



#78

Terphenyl-d14

Concen: 90.20 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF083723.D

Acq: 12 Dec 2015 4:25

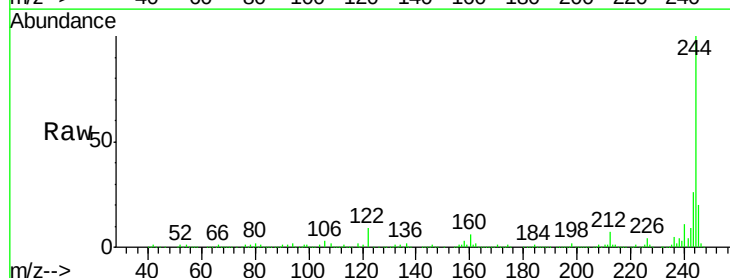
Tgt Ion:244 Resp: 1284837

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

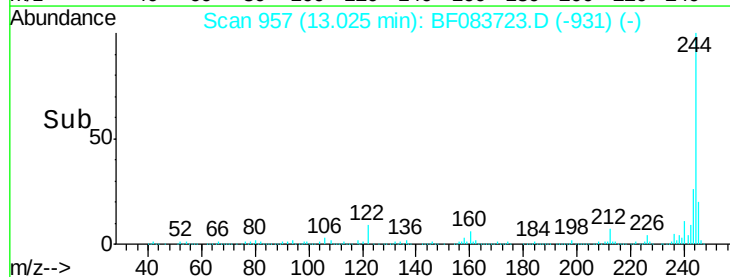
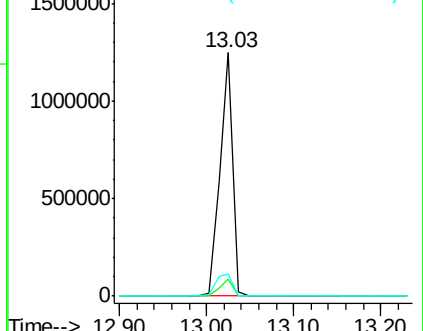
122 9.1 11.0 16.6#

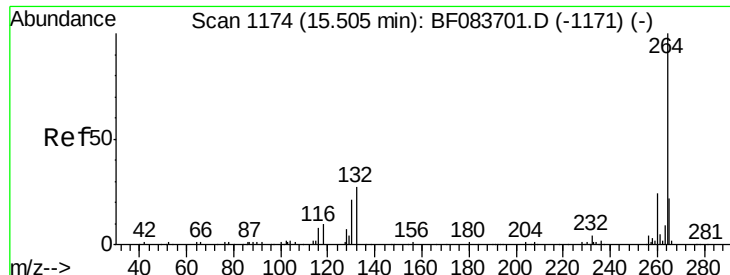


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

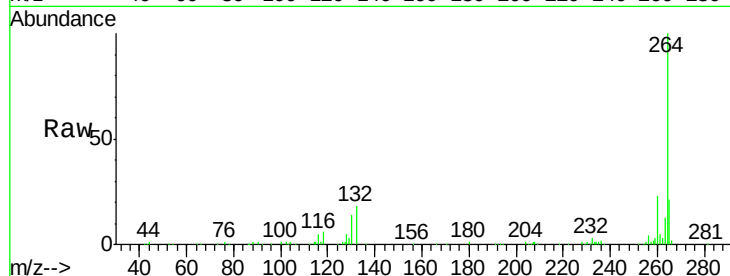




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083723.D
Acq: 12 Dec 2015 4:25

Instrument :
BNA_F
ClientSampleId :
SB-05(25-28)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.5	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

