

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121115\
 Data File : BF083722.D
 Acq On : 12 Dec 2015 3:57
 Operator : UM/IZ
 Sample : G4648-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(15-18)

Quant Time: Dec 12 04:35:56 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

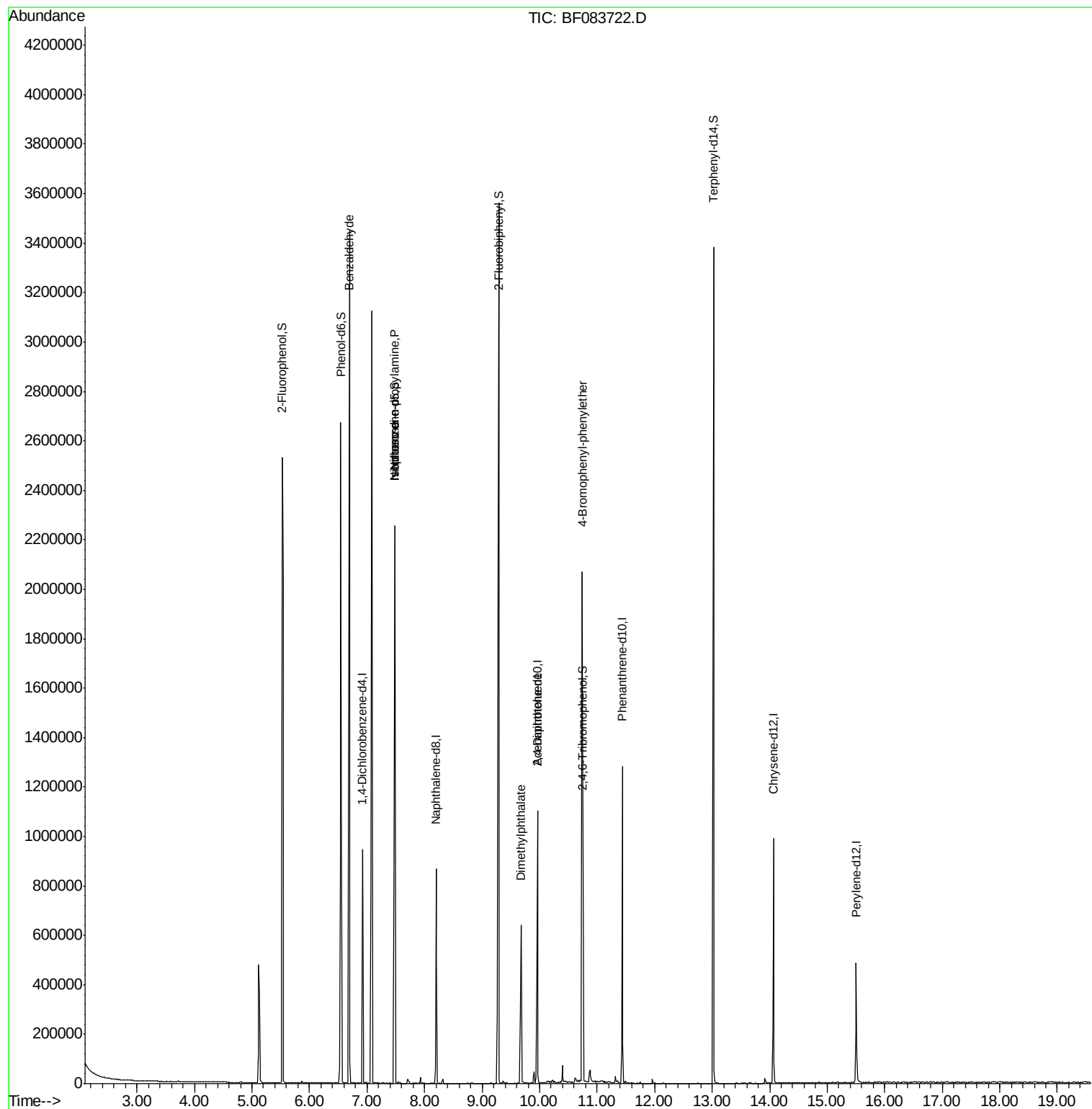
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129835	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	497688	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	235102	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	425927	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	329107	20.00	ng	-0.01
86) Perylene-d12	15.51	264	214987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1084061	128.59	ng	0.00
7) Phenol-d6	6.54	99	1207739	116.00	ng	0.00
23) Nitrobenzene-d5	7.48	82	760731	103.66	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	322040	141.51	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1421138	89.04	ng	0.00
78) Terphenyl-d14	13.03	244	1185871	80.92	ng	0.00
Target Compounds						
9) Benzaldehyde	6.69	77	24307	4.24	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.48	70	103901	17.12	ng	# 72
25) Isophorone	7.48	82	752701	45.89	ng	# 69
49) Dimethylphthalate	9.68	163	302570	16.73	ng	97
56) 2,4-Dinitrotoluene	9.96	165	30602	6.85	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	396	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.74	248	20577	4.52	ng	# 1

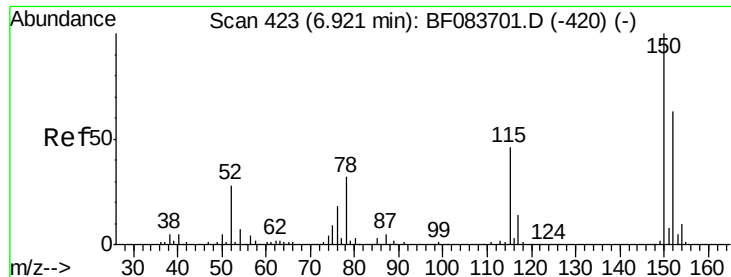
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121115\
Data File : BF083722.D
Acq On : 12 Dec 2015 3:57
Operator : UM/IZ
Sample : G4648-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03(15-18)

Quant Time: Dec 12 04:35:56 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



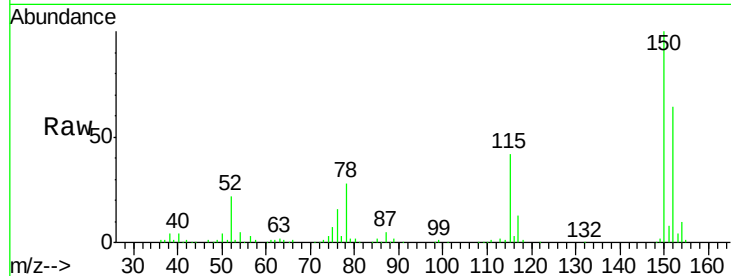


#1

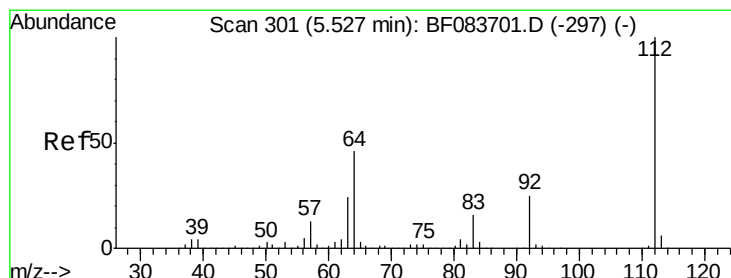
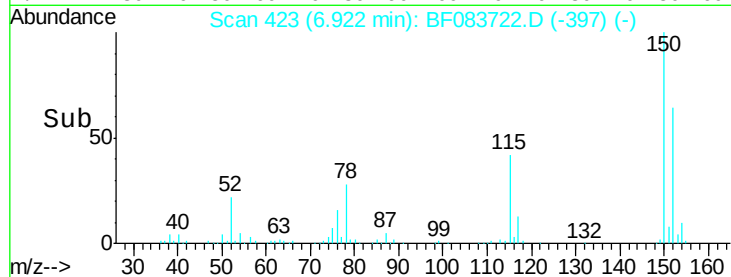
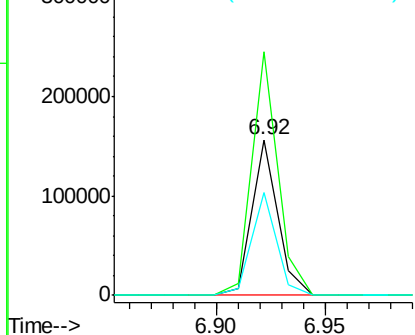
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(15-18)

Tgt Ion:152 Resp: 129835
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.5 189.7
 115 65.7 52.3 78.5



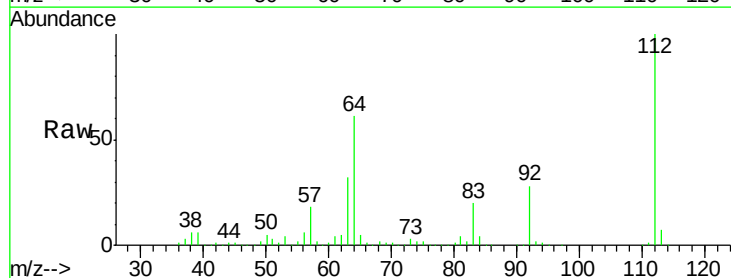
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



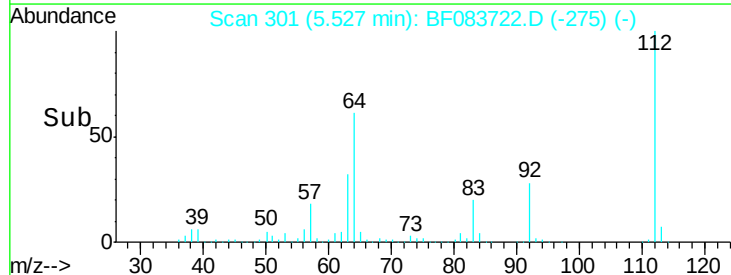
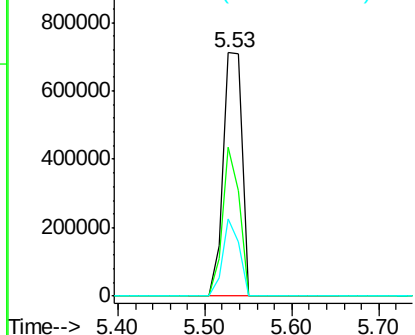
#5

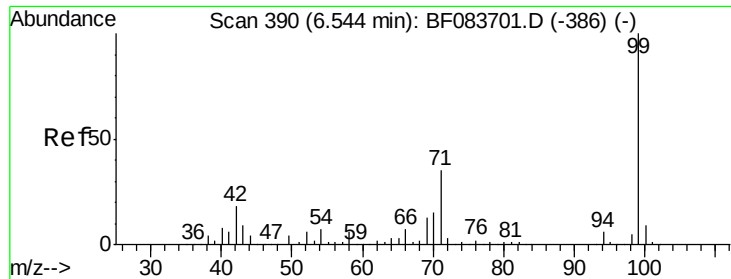
2-Fluorophenol
 Concen: 128.59 ng
 RT: 5.53 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Tgt Ion:112 Resp: 1084061
 Ion Ratio Lower Upper
 112 100
 64 61.3 50.5 75.7
 63 31.6 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: 116.00 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083722.D

Acq: 12 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

SB-03(15-18)

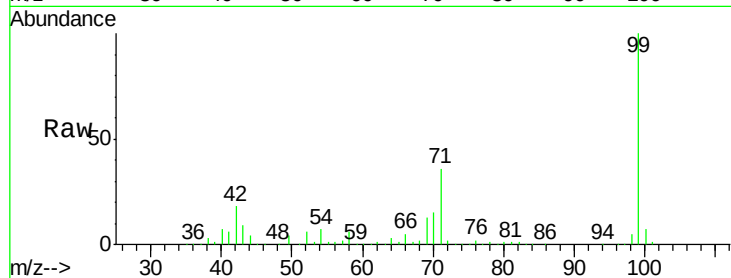
Tgt Ion: 99 Resp: 1207739

Ion Ratio Lower Upper

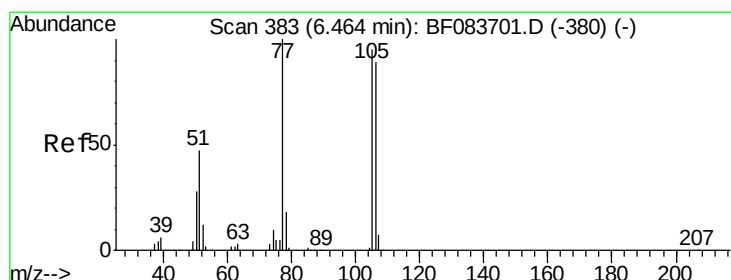
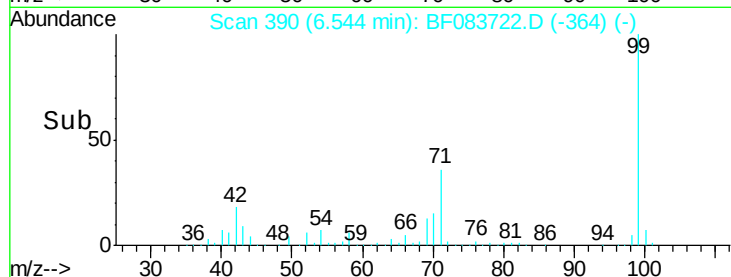
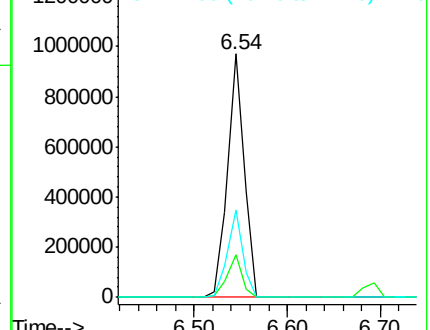
99 100

42 17.6 17.3 25.9

71 35.7 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: 4.24 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.23 min

Lab File: BF083722.D

Acq: 12 Dec 2015 3:57

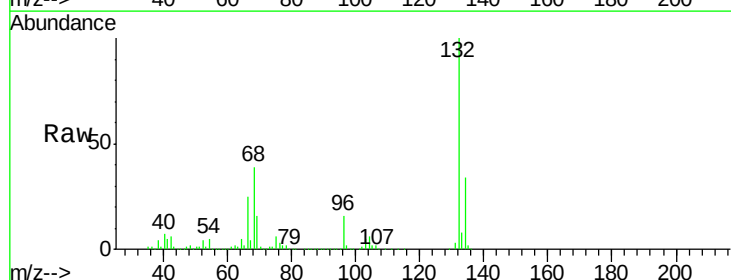
Tgt Ion: 77 Resp: 24307

Ion Ratio Lower Upper

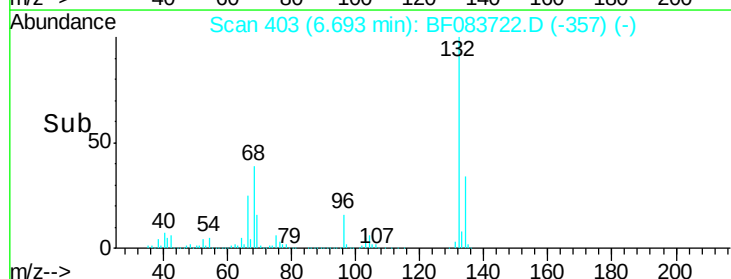
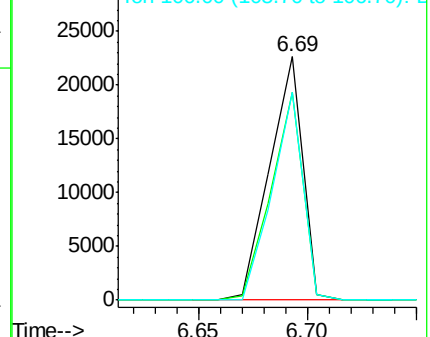
77 100

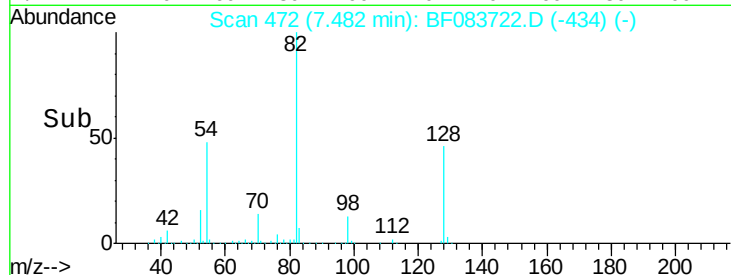
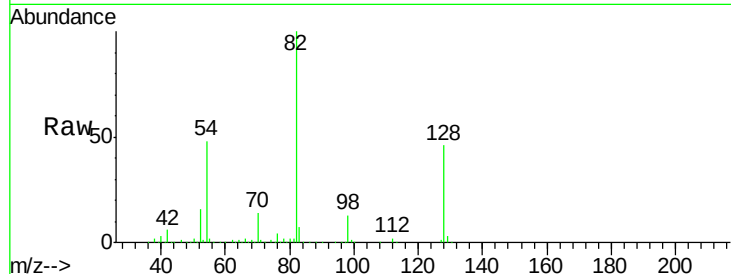
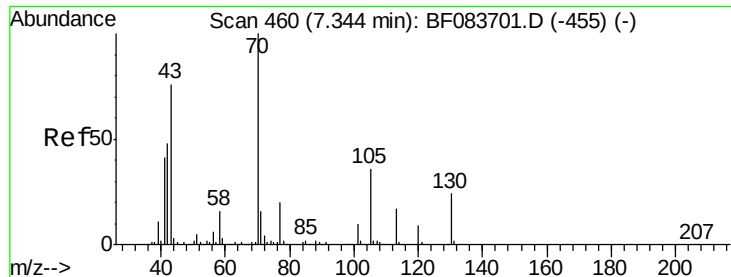
105 85.4 71.8 111.8

106 85.3 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

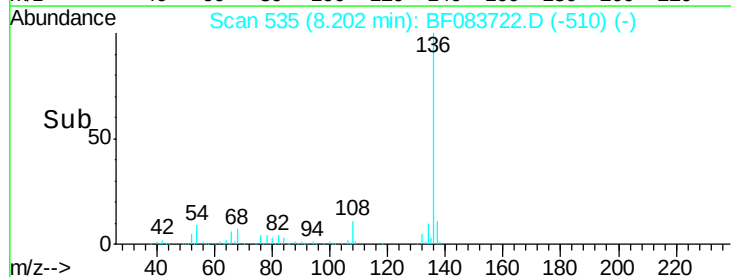
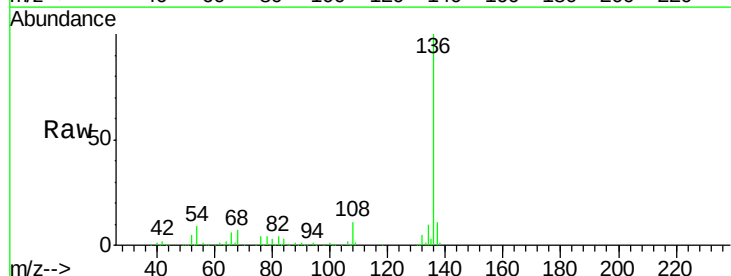
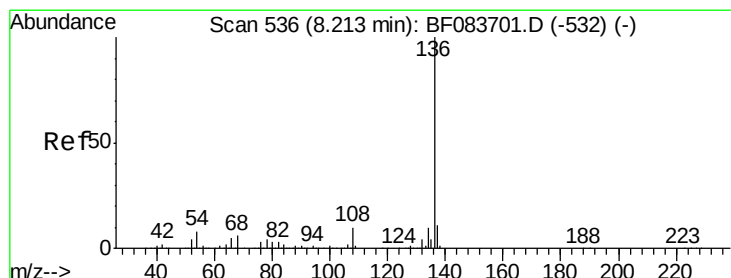
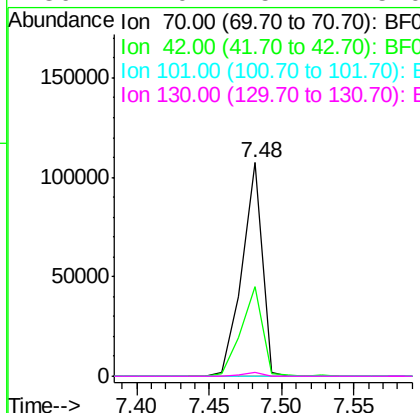




#19
n-Nitroso-di-n-propylamine
Concen: 17.12 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF083722.D
Acq: 12 Dec 2015 3:57

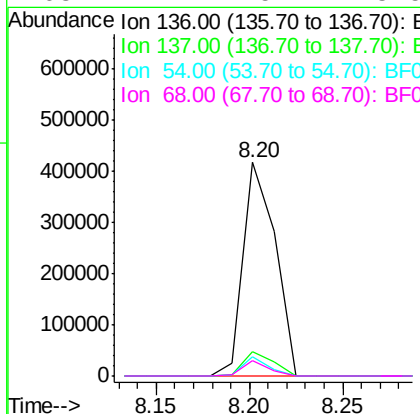
Instrument :
BNA_F
ClientSampleId :
SB-03(15-18)

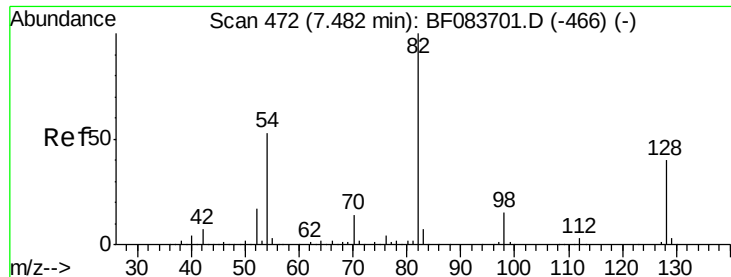
Tgt Ion:	70	Resp:	103901
Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.2	73.8#
101	0.0	7.1	10.7#
130	2.0	15.4	23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083722.D
Acq: 12 Dec 2015 3:57

Tgt Ion:	136	Resp:	497688
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.1	7.8	11.6
68	7.2	5.7	8.5

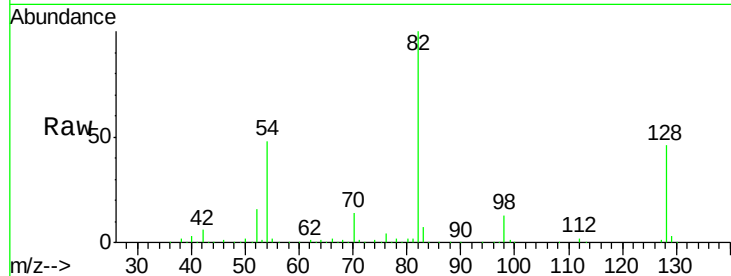




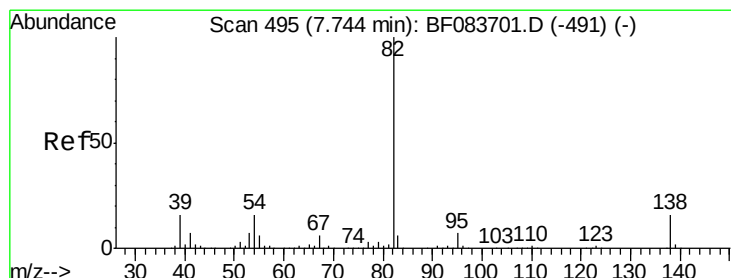
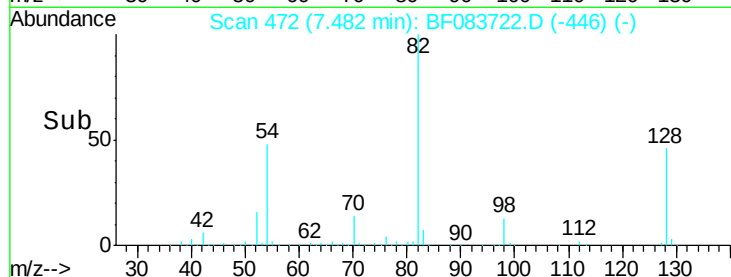
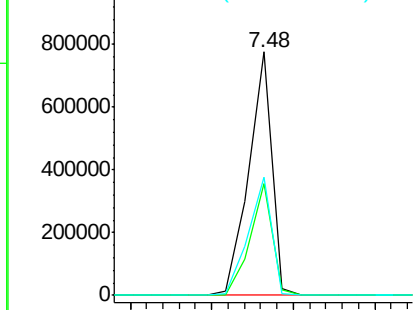
#23
 Nitrobenzene-d5
 Concen: 103.66 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(15-18)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	30.7	46.1
54	48.5	42.5	63.7

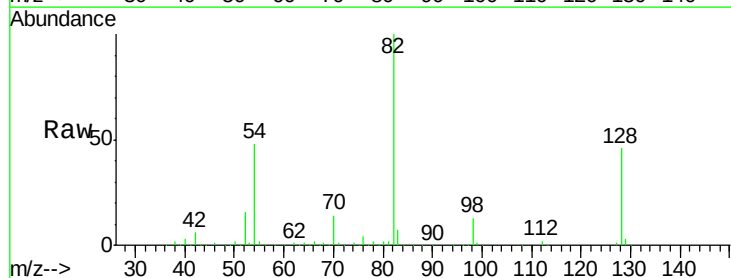


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

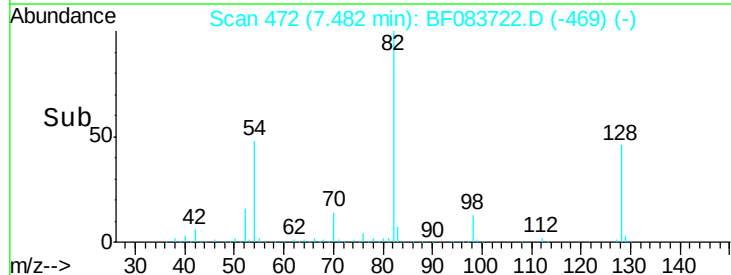
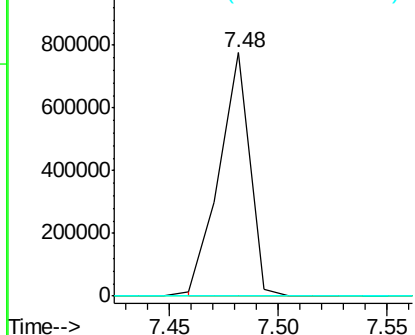


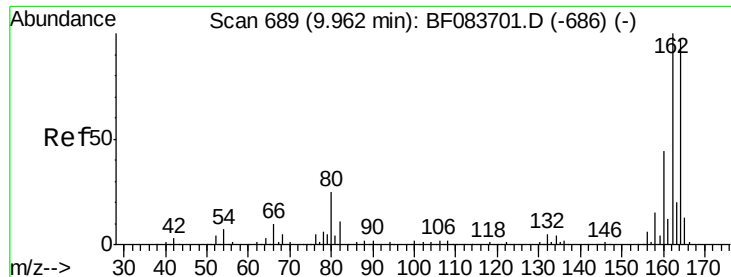
#25
 Isophorone
 Concen: 45.89 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.26 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Tgt 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: BF083722.D

Acq: 12 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

SB-03(15-18)

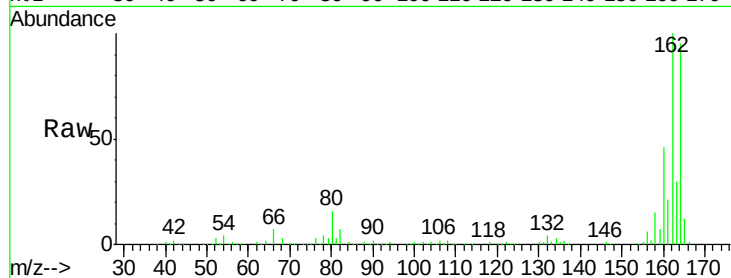
Tgt Ion:164 Resp: 235102

Ion Ratio Lower Upper

164 100

162 105.2 78.8 118.2

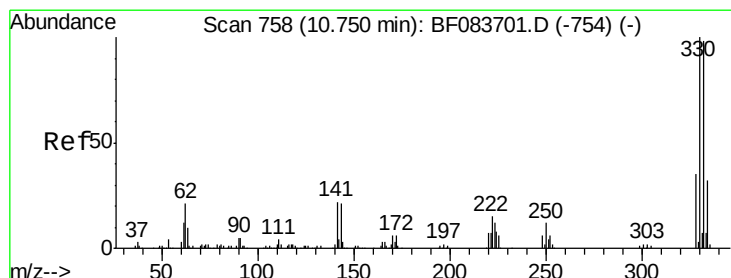
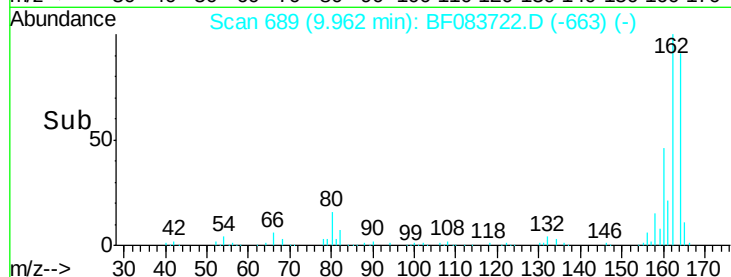
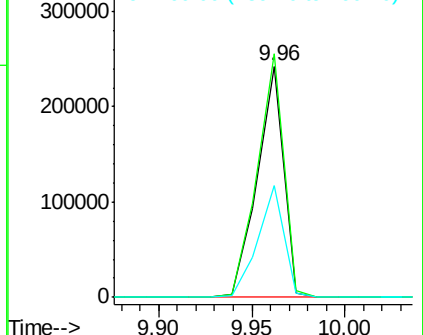
160 48.3 33.4 50.2



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: 141.51 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF083722.D

Acq: 12 Dec 2015 3:57

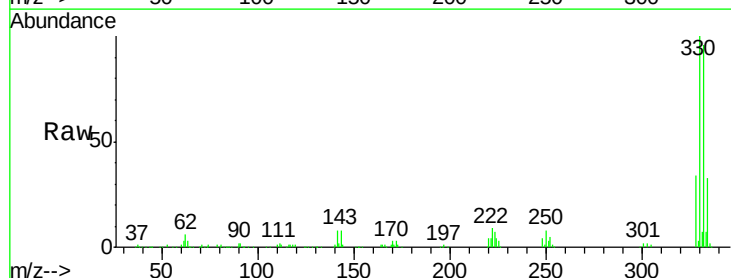
Tgt Ion:330 Resp: 322040

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

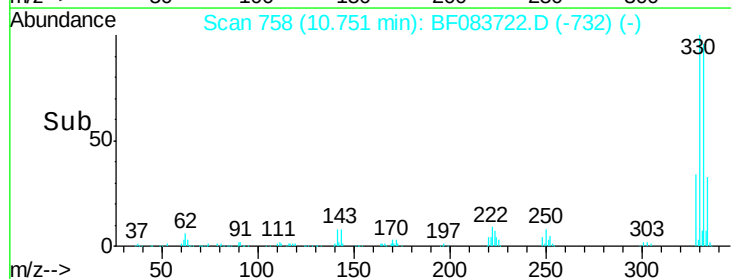
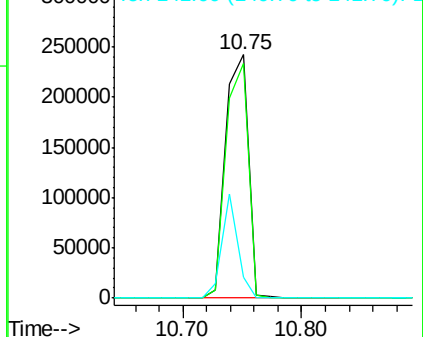
141 29.8 0.0 0.0#

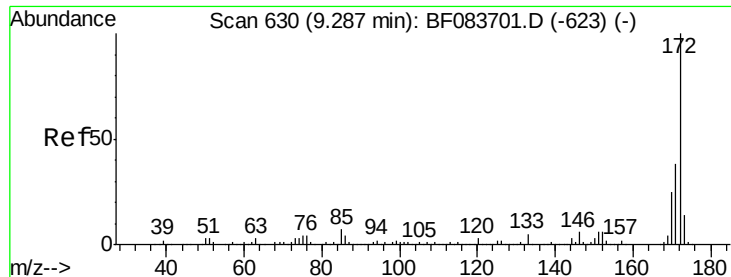


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

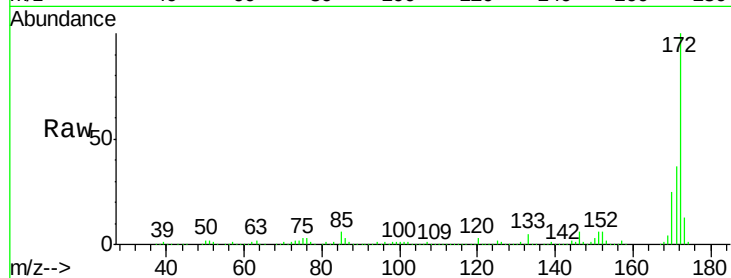




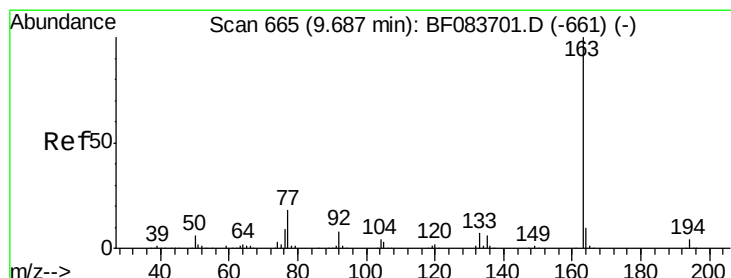
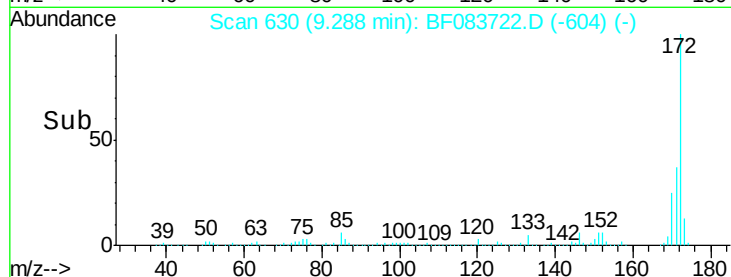
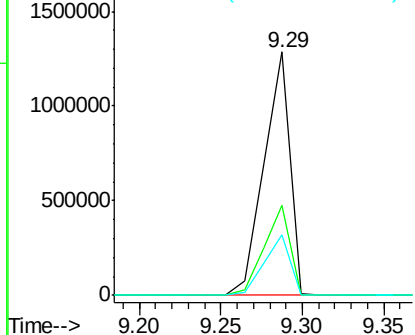
#44
 2-Fluorobiphenyl
 Concen: 89.04 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(15-18)

Tgt Ion:172 Resp: 1421138
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 42.8
 170 24.6 19.4 29.0

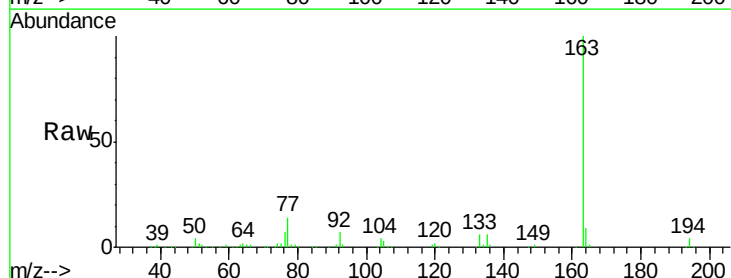


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

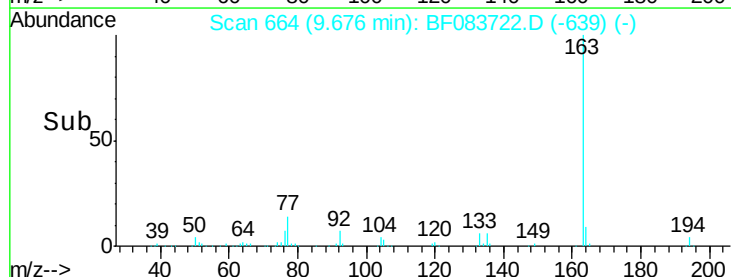
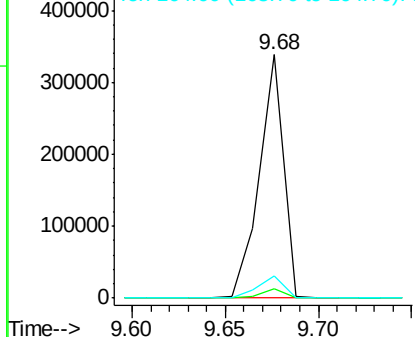


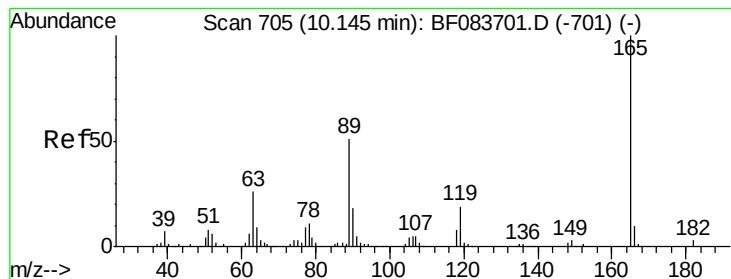
#49
 Dimethylphthalate
 Concen: 16.73 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Tgt Ion:163 Resp: 302570
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.2 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: 6.85 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.18 min

Lab File: BF083722.D

Acq: 12 Dec 2015 3:57

Instrument :

BNA_F

ClientSampleId :

SB-03(15-18)

Tgt Ion:165 Resp: 30602

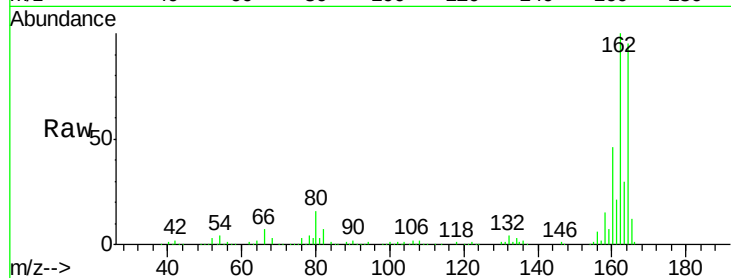
Ion Ratio Lower Upper

165 100

63 1.7 51.4 77.2#

89 2.0 72.6 108.8#

182 0.0 1.4 2.0#

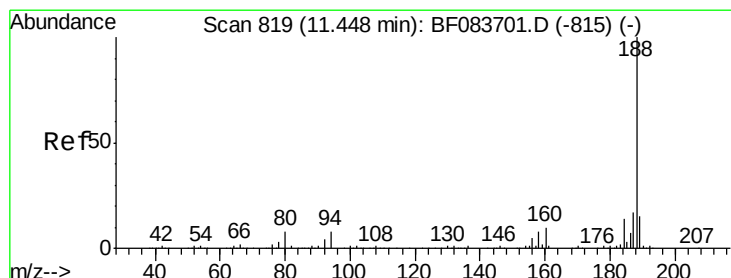
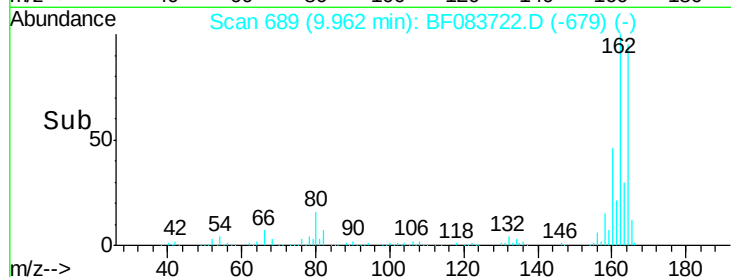
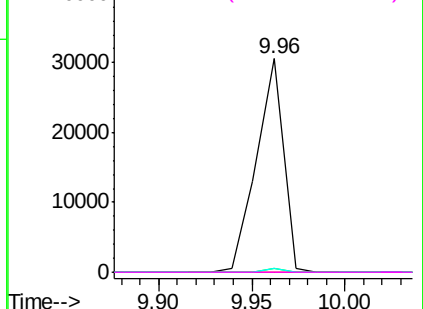


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF083722.D

Acq: 12 Dec 2015 3:57

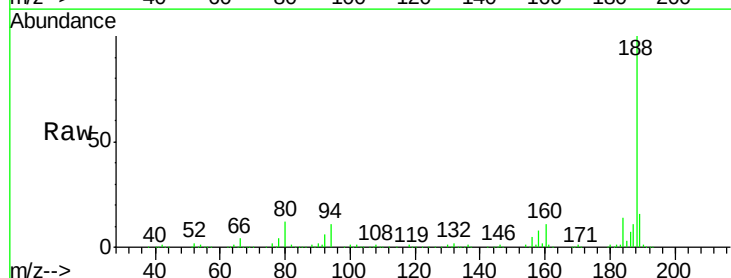
Tgt Ion:188 Resp: 425927

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

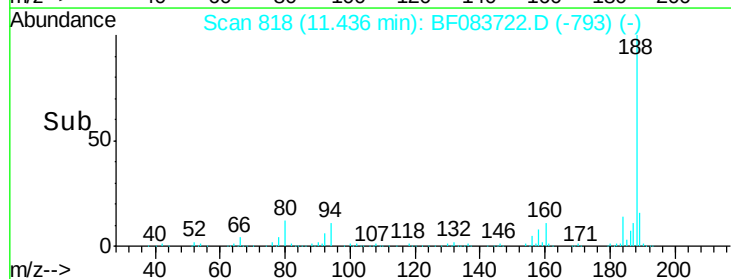
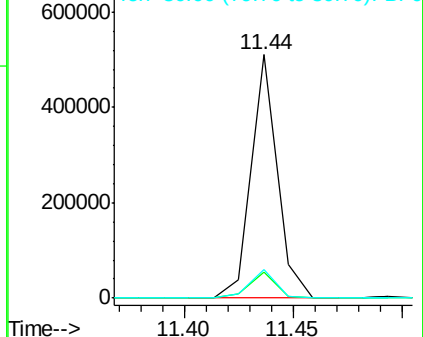
80 11.6 10.6 16.0

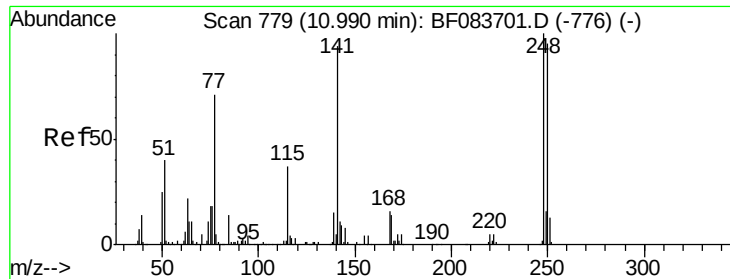


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

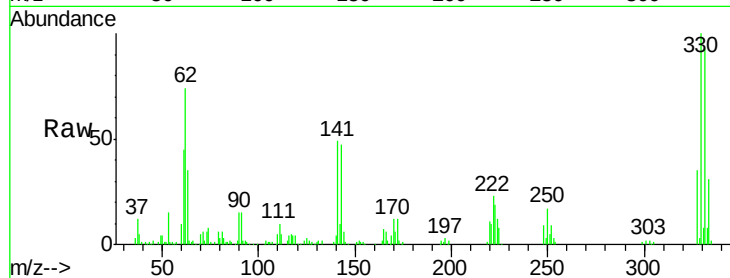




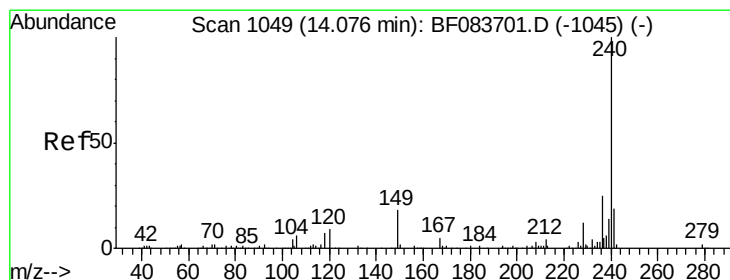
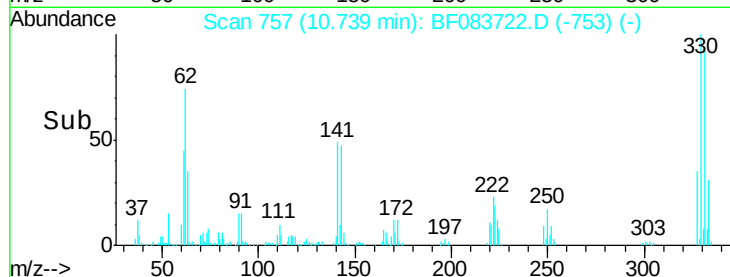
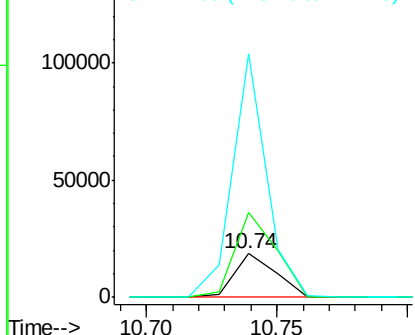
#66
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.25 min
Lab File: BF083722.D
Acq: 12 Dec 2015 3:57

Instrument :
BNA_F
ClientSampleId :
SB-03(15-18)

Tgt Ion:248 Resp: 20577
Ion Ratio Lower Upper
248 100
250 193.0 79.2 118.8#
141 556.1 58.2 87.4#

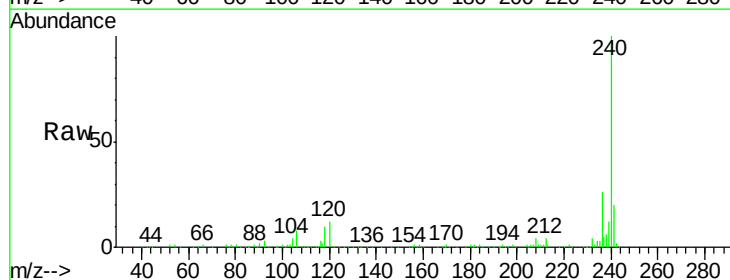


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

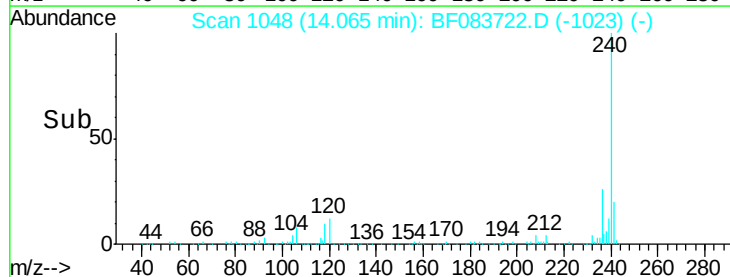
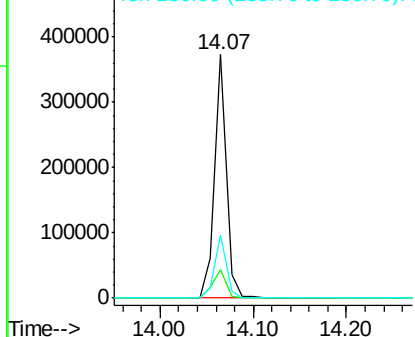


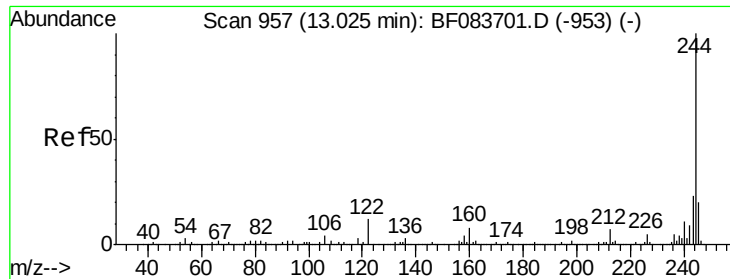
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083722.D
Acq: 12 Dec 2015 3:57

Tgt Ion:240 Resp: 329107
Ion Ratio Lower Upper
240 100
120 11.6 8.1 12.1
236 26.1 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

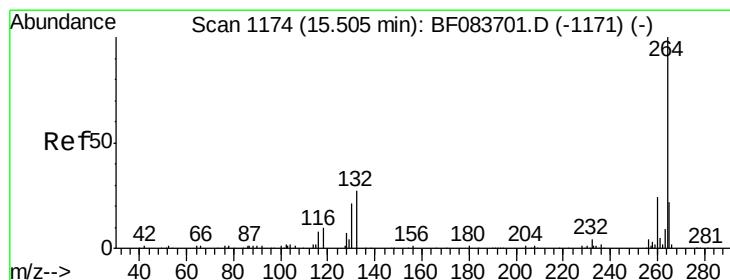
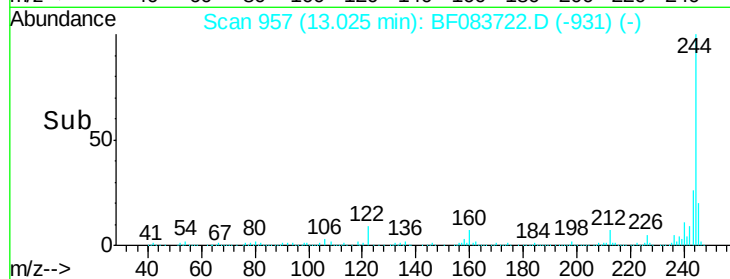
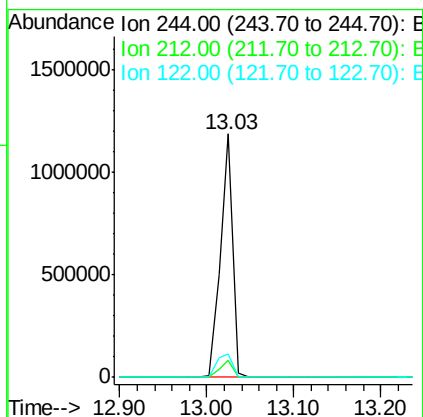
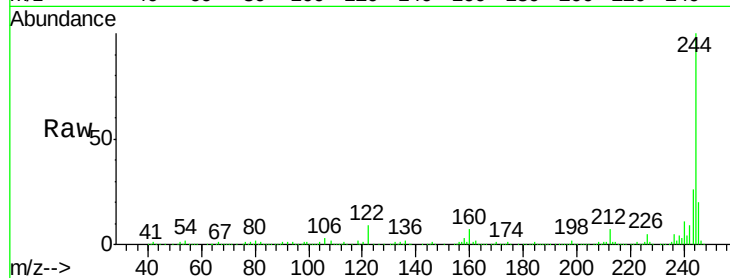




#78
 Terphenyl-d14
 Concen: 80.92 ng
 RT: 13.03 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-03(15-18)

Tgt Ion:244 Resp: 1185871
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 9.4 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083722.D
 Acq: 12 Dec 2015 3:57

Tgt Ion:264 Resp: 214987
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.0
 265 20.9 17.8 26.6

