

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084123.D
 Acq On : 25 Dec 2015 12:08
 Operator : UM/SJ
 Sample : G4960-03
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-3(22.0-22.5)

Quant Time: Dec 26 00:35:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

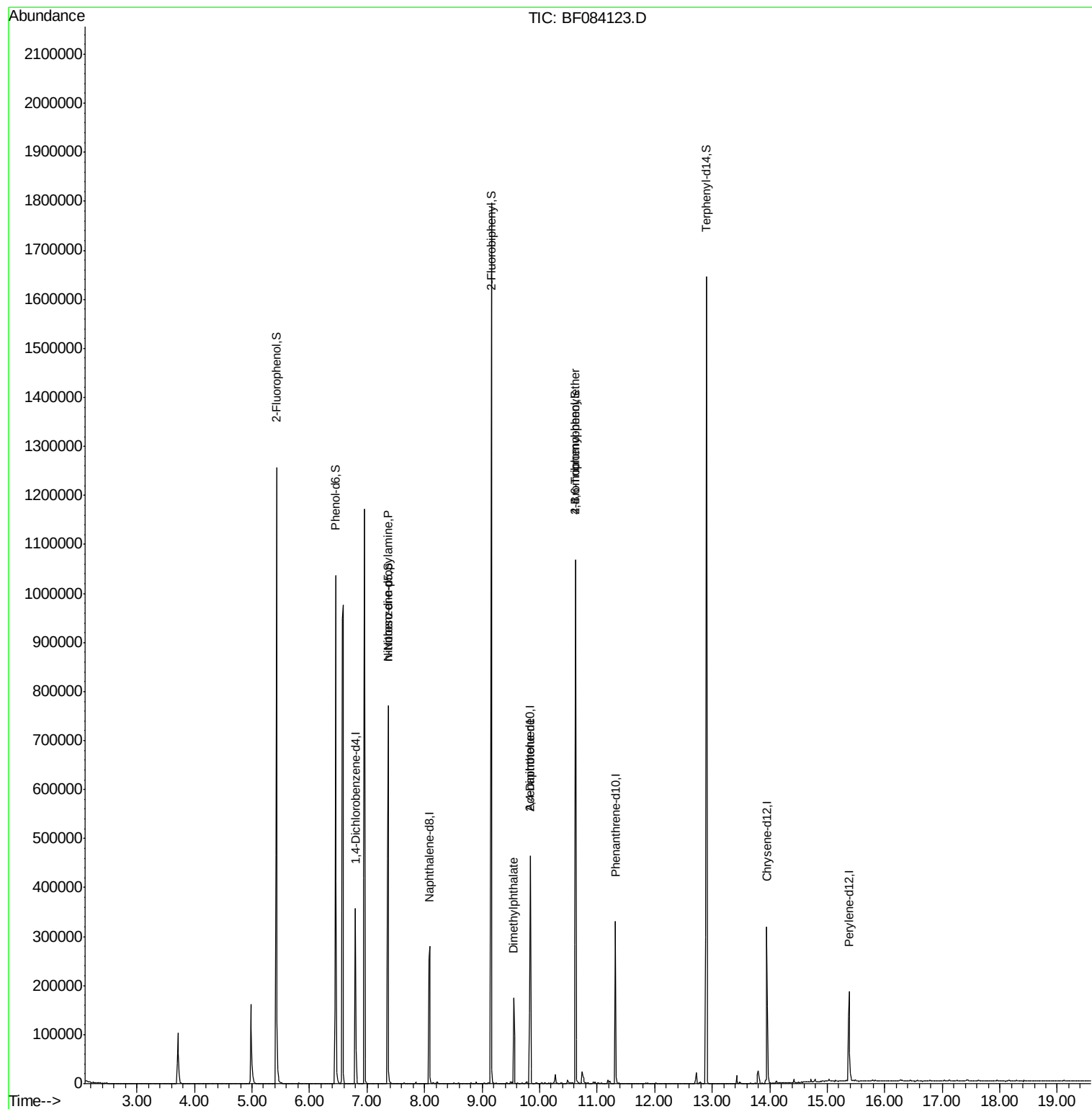
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	53760	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	196704	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	94845	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	171119	20.00	ng	0.00
75) Chrysene-d12	13.95	240	126853	20.00	ng	-0.01
86) Perylene-d12	15.38	264	102557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	391949	123.61	ng	0.01
7) Phenol-d6	6.45	99	421892	107.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	305882	91.02	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122217	120.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	599507	86.49	ng	0.00
78) Terphenyl-d14	12.90	244	479247	68.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	40253	16.66	ng	# 74
49) Dimethylphthalate	9.55	163	86918	11.07	ng	# 89
56) 2,4-Dinitrotoluene	9.84	165	12440	5.65	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9026	4.55	ng	# 1
74) Fluoranthene	12.55	202	949	Below	Cal	63

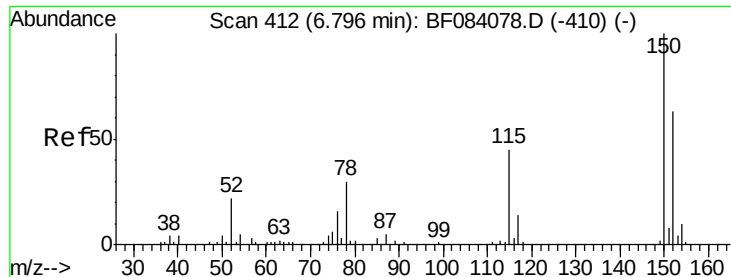
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(22.0-22.5)

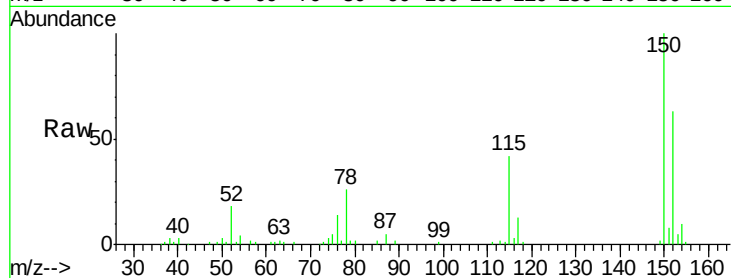
Tgt Ion:152 Resp: 53760

Ion Ratio Lower Upper

152 100

150 158.5 123.0 184.4

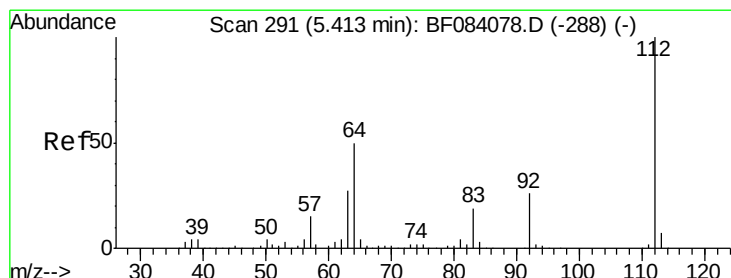
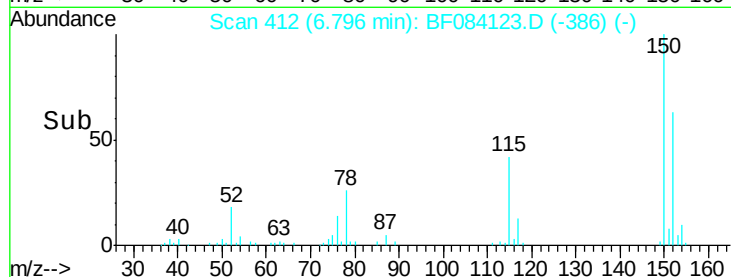
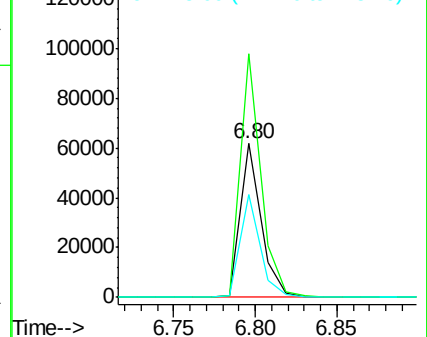
115 67.3 51.4 77.2



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: 123.61 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

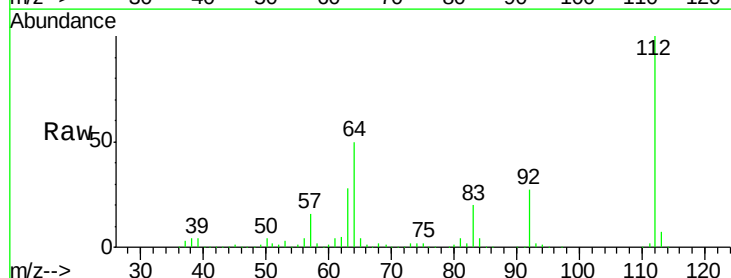
Tgt Ion:112 Resp: 391949

Ion Ratio Lower Upper

112 100

64 50.3 36.6 55.0

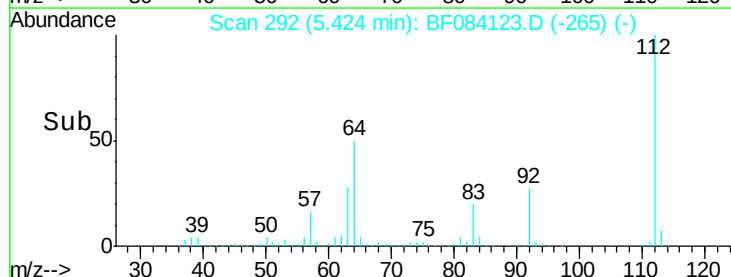
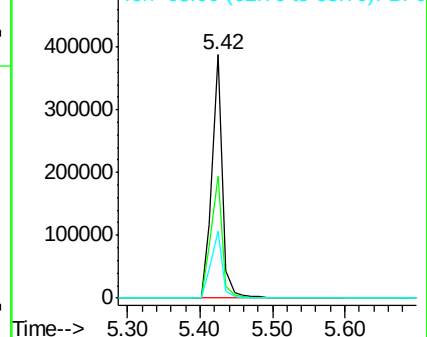
63 27.6 19.4 29.0

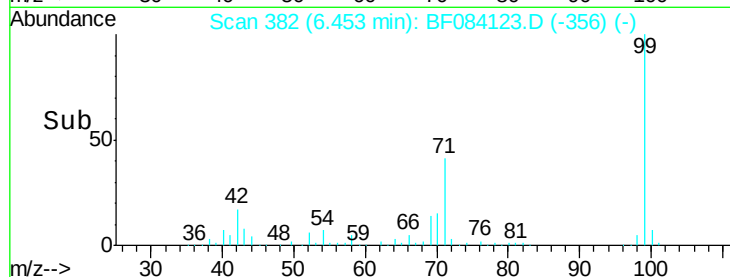
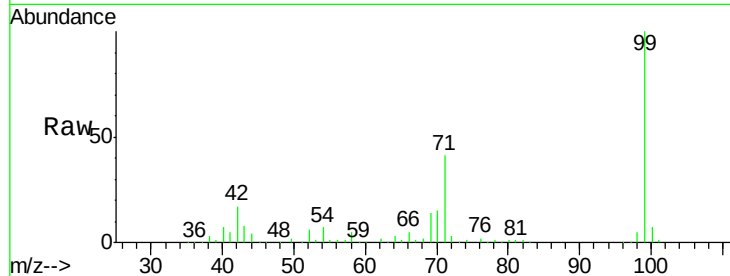
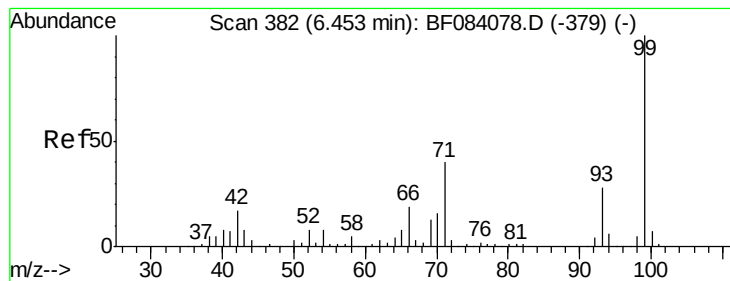


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.53 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(22.0-22.5)

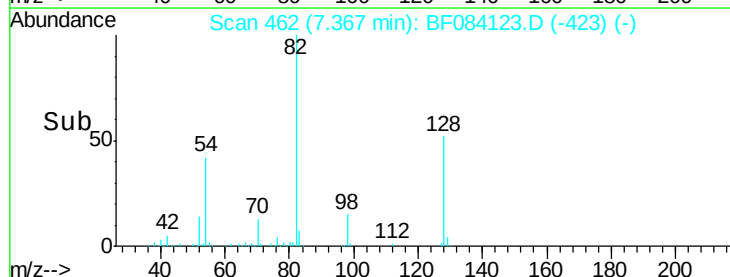
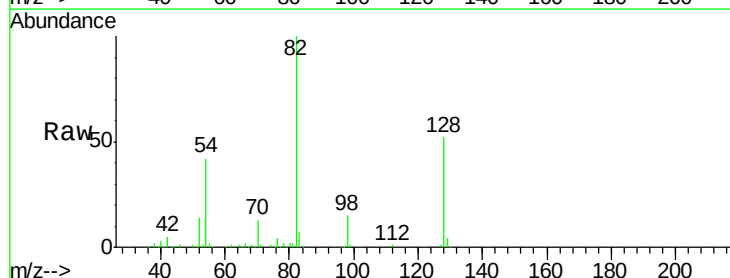
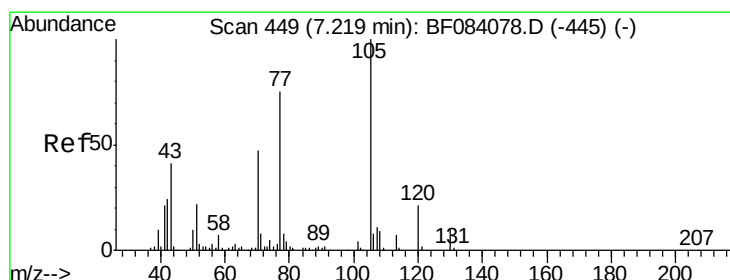
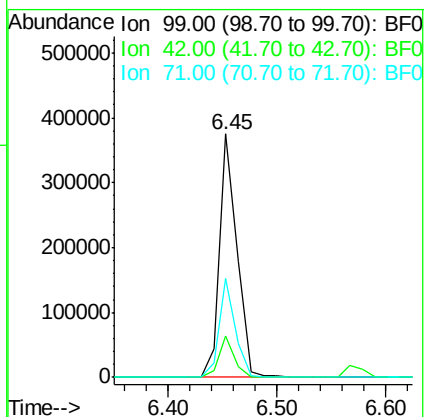
Tgt Ion: 99 Resp: 421892

Ion Ratio Lower Upper

99 100

42 17.0 12.8 19.2

71 40.6 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.66 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Tgt Ion: 70 Resp: 40253

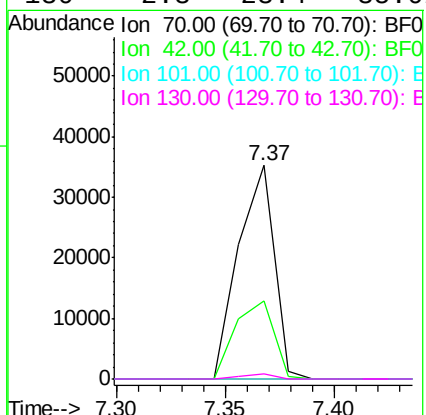
Ion Ratio Lower Upper

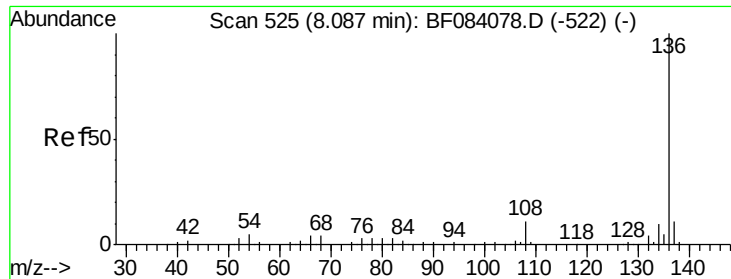
70 100

42 36.7 33.3 49.9

101 0.0 9.3 13.9#

130 2.3 23.4 35.0#

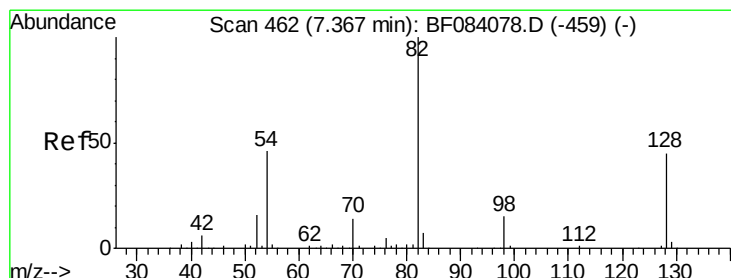
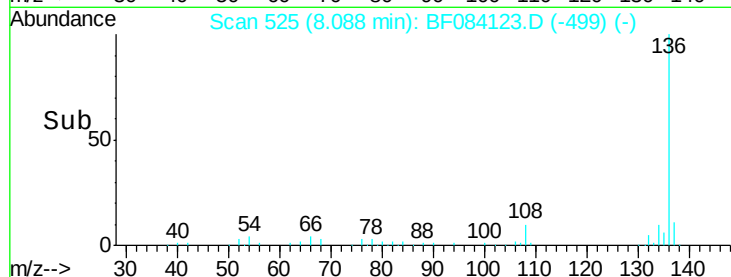
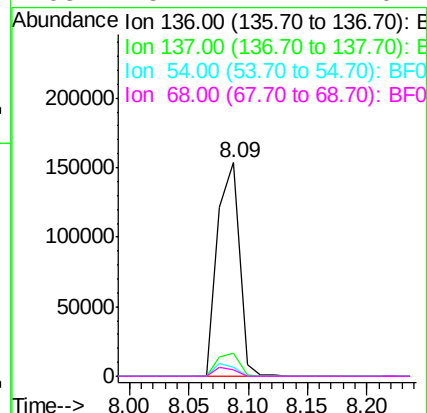
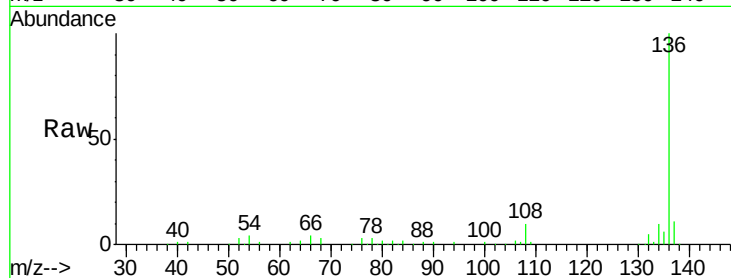




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084123.D
Acq: 25 Dec 2015 12:08

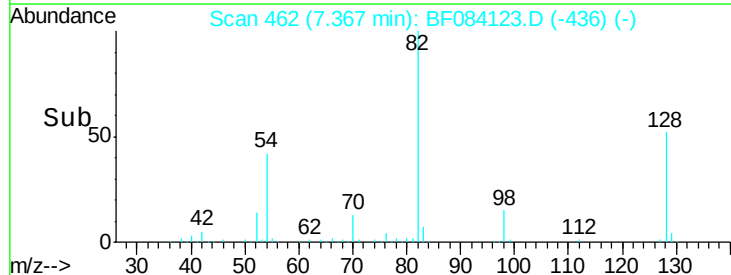
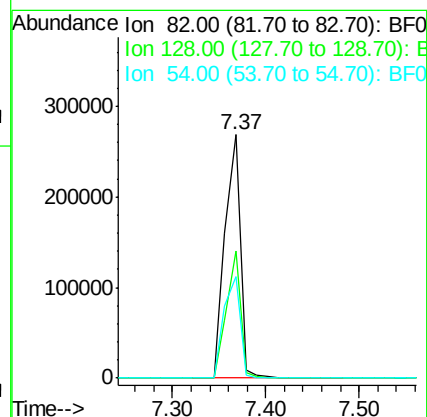
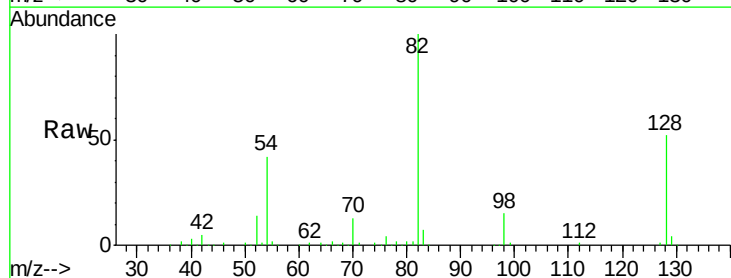
Instrument :
BNA_F
ClientSampleId :
PJ-SB-3(22.0-22.5)

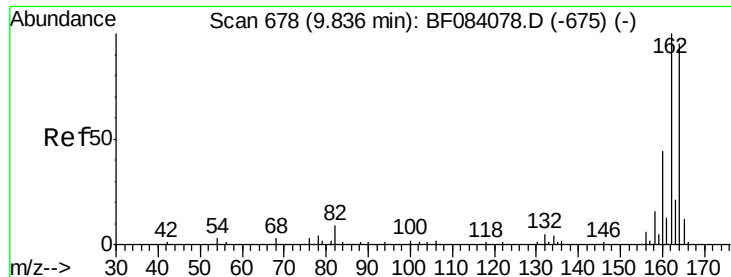
Tgt Ion:	136	Resp:	196704
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	4.2	5.8	8.8#
68	3.1	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 91.02 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084123.D
Acq: 25 Dec 2015 12:08

Tgt Ion:	82	Resp:	305882
Ion	Ratio	Lower	Upper
82	100		
128	52.5	34.6	51.8#
54	41.7	38.4	57.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(22.0-22.5)

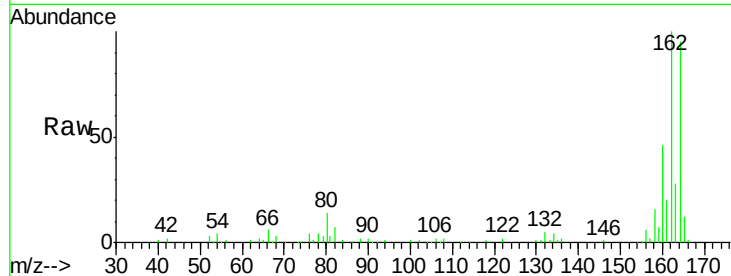
Tgt Ion:164 Resp: 94845

Ion Ratio Lower Upper

164 100

162 105.7 85.1 127.7

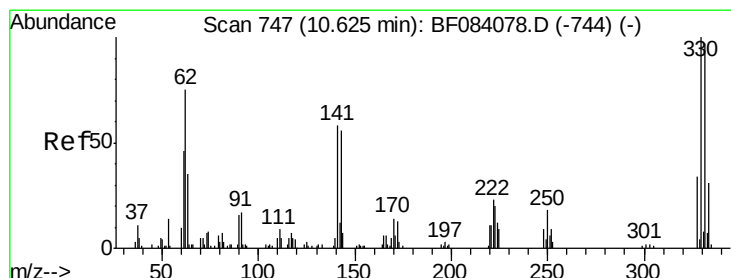
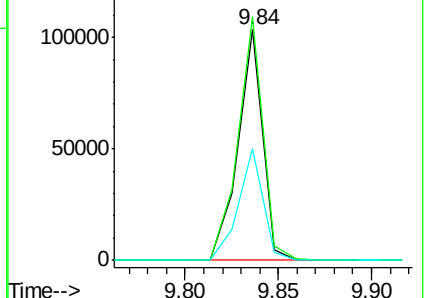
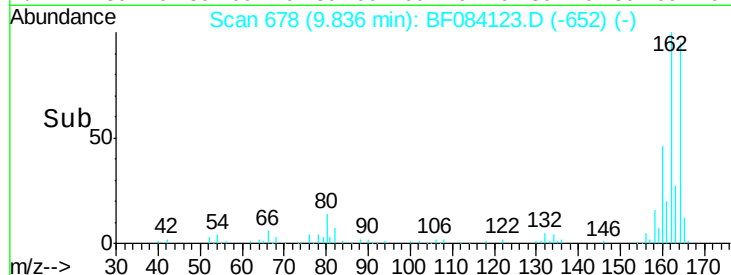
160 48.5 37.5 56.3



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: 120.84 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

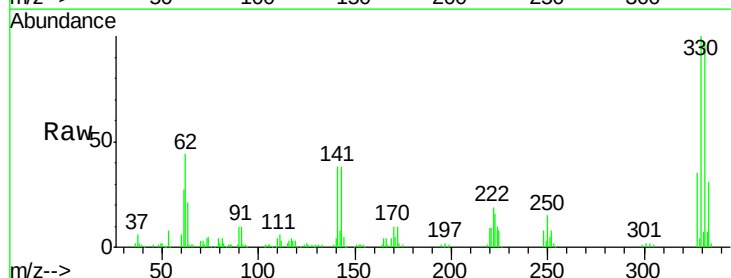
Tgt Ion:330 Resp: 122217

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

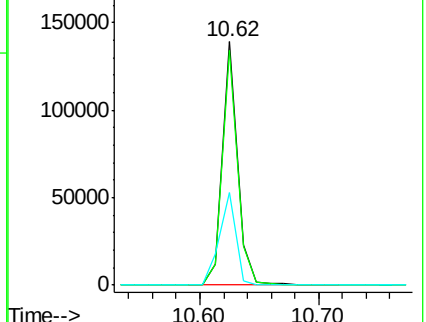
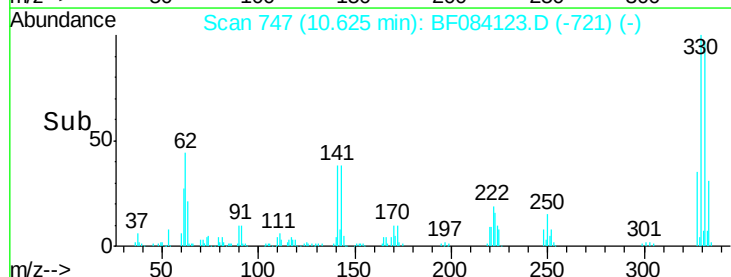
141 41.6 27.8 41.6

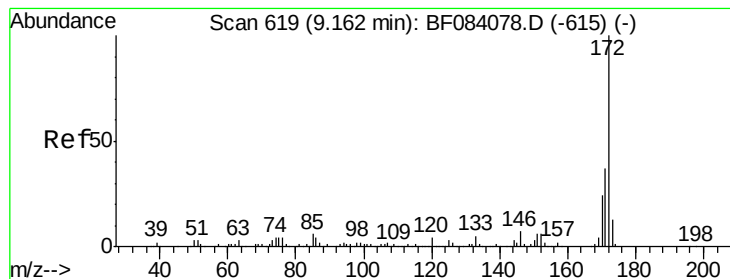


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.49 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(22.0-22.5)

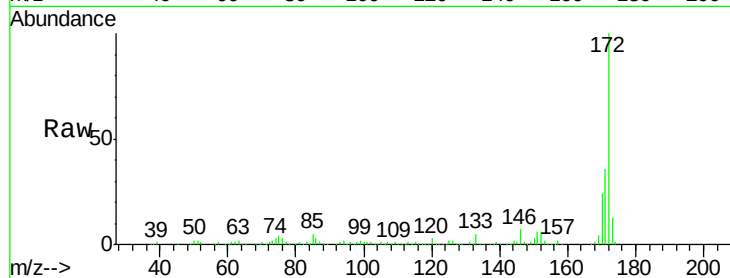
Tgt Ion:172 Resp: 599507

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

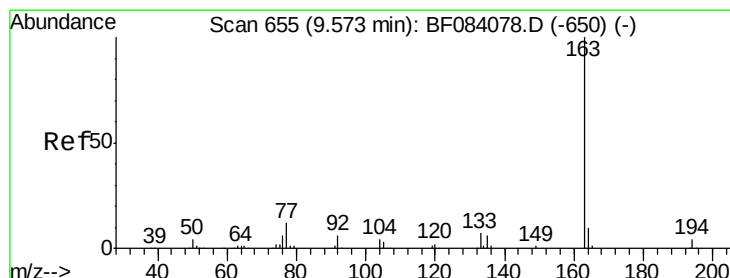
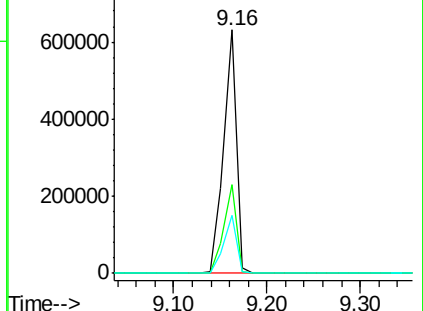
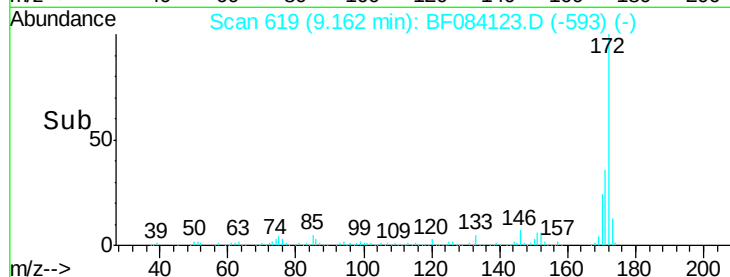
170 23.9 18.6 27.8



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: 11.07 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

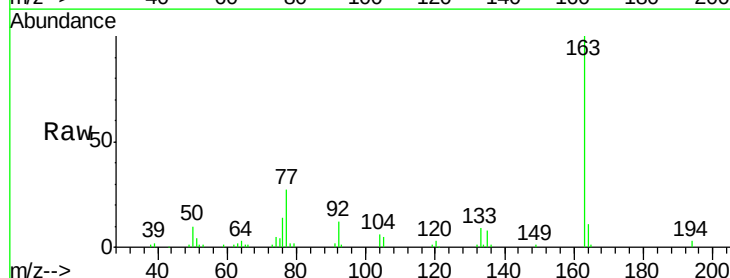
Tgt Ion:163 Resp: 86918

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

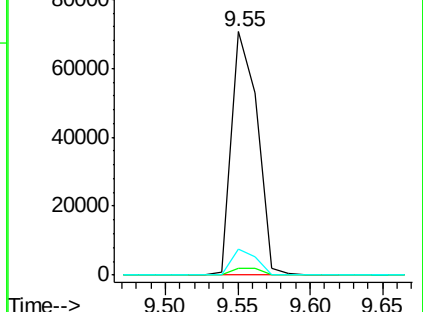
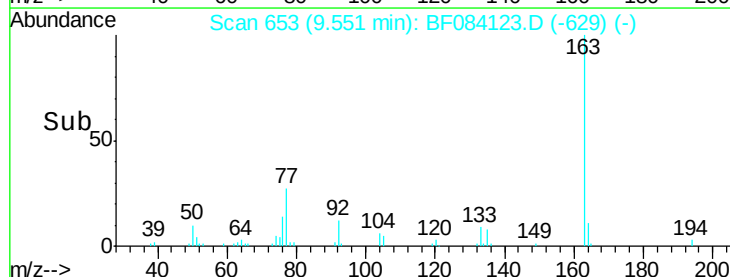
164 10.6 8.0 12.0

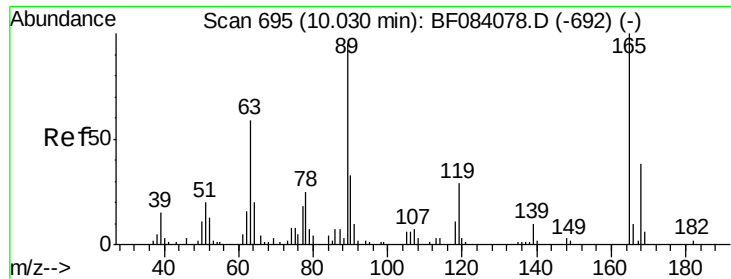


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.65 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

Instrument :

BNA_F

ClientSampleId :

PJ-SB-3(22.0-22.5)

Tgt Ion:165 Resp: 12440

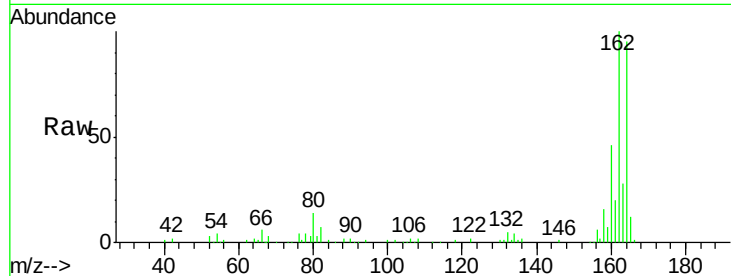
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

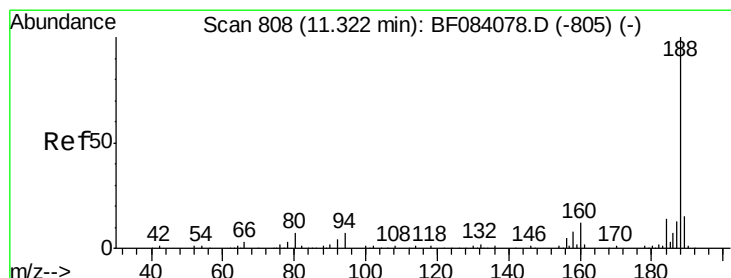
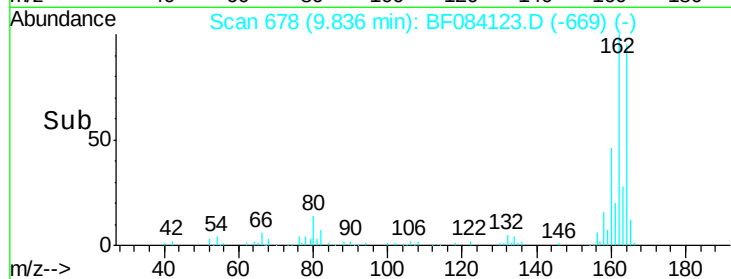
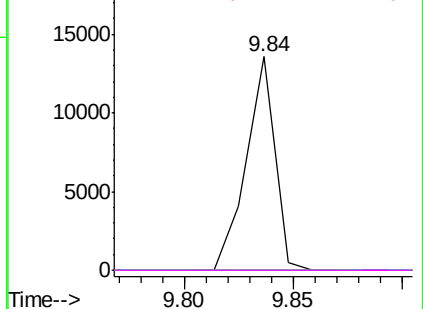


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF084123.D

Acq: 25 Dec 2015 12:08

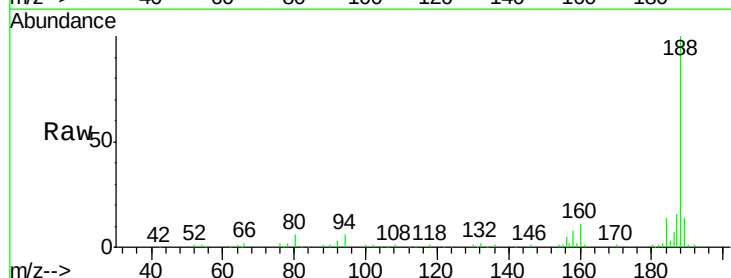
Tgt Ion:188 Resp: 171119

Ion Ratio Lower Upper

188 100

94 5.7 9.0 13.4#

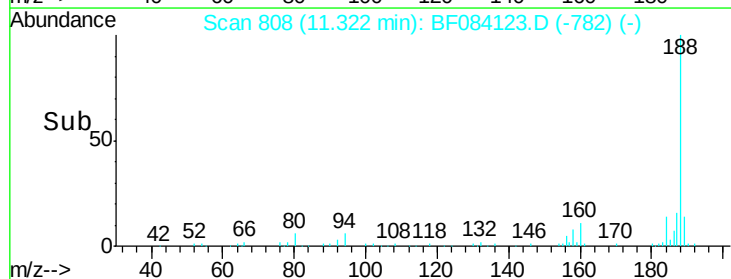
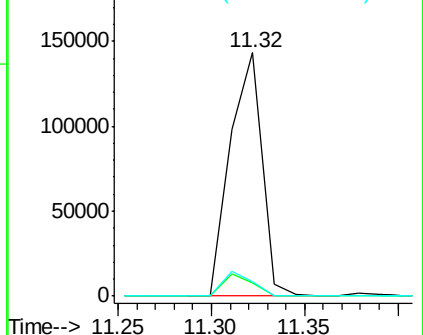
80 5.7 9.6 14.4#

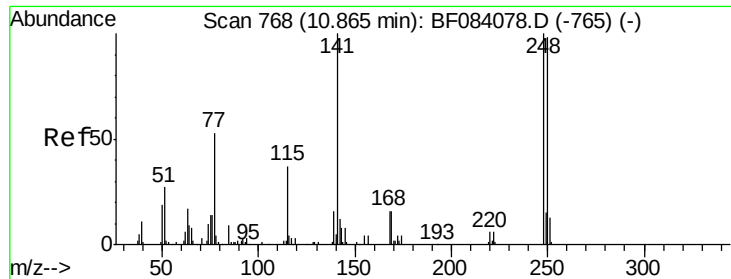


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

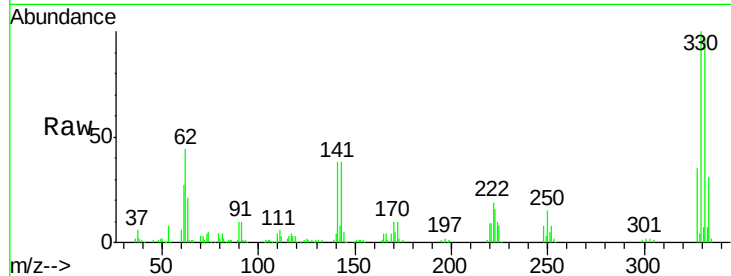




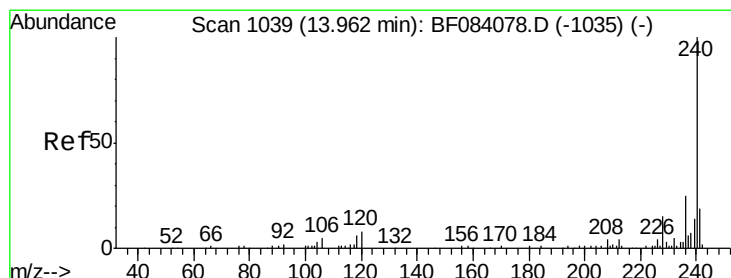
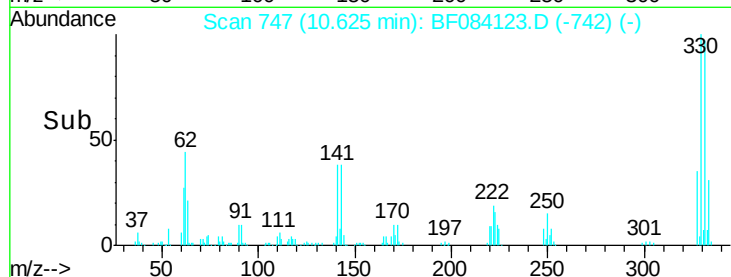
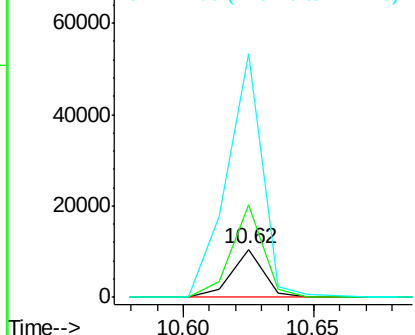
#66
 4-Bromophenyl-phenylether
 Concen: 4.55 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084123.D
 Acq: 25 Dec 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-3(22.0-22.5)

Tgt Ion:248 Resp: 9026
 Ion Ratio Lower Upper
 248 100
 250 192.4 78.4 117.6#
 141 507.0 44.0 66.0#

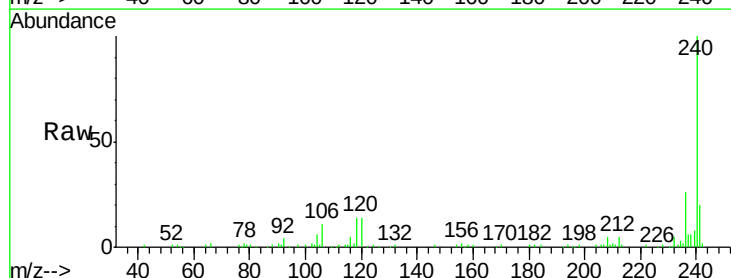


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

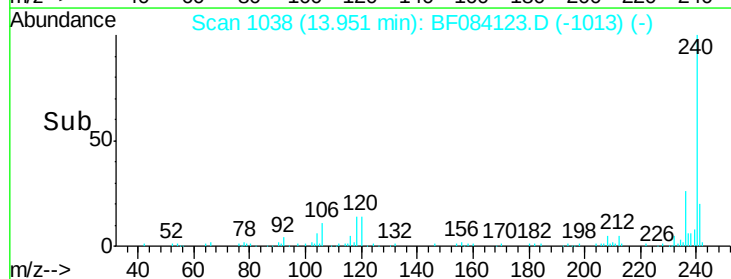
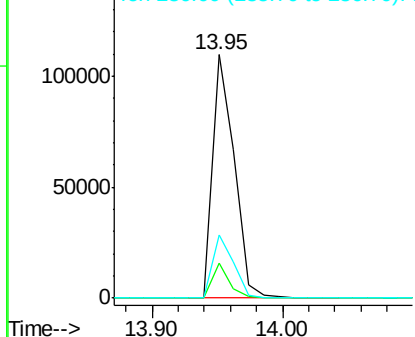


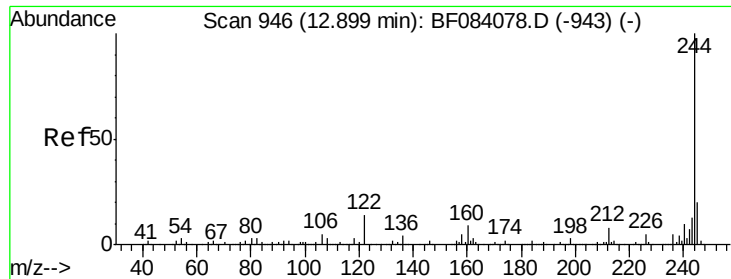
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084123.D
 Acq: 25 Dec 2015 12:08

Tgt Ion:240 Resp: 126853
 Ion Ratio Lower Upper
 240 100
 120 14.4 9.5 14.3#
 236 25.8 20.6 31.0



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

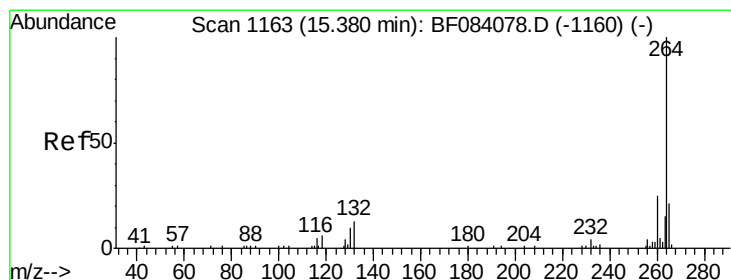
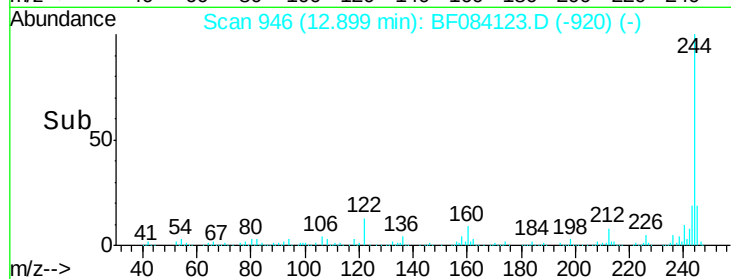
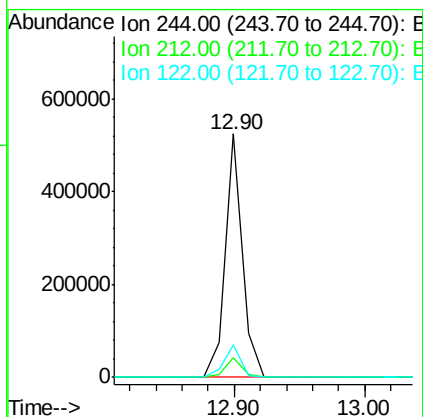
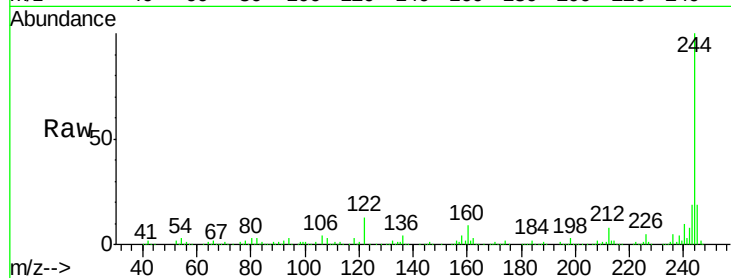




#78
 Terphenyl-d14
 Concen: 68.36 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084123.D
 Acq: 25 Dec 2015 12:08

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-3(22.0-22.5)

Tgt Ion:244 Resp: 479247
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 13.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084123.D
 Acq: 25 Dec 2015 12:08

Tgt Ion:264 Resp: 102557
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.2 17.8 26.6

