

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063015\
 Data File : BF080268.D
 Acq On : 1 Jul 2015 10:16
 Operator : TP/IZ
 Sample : G2831-11
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)

Quant Time: Jul 01 14:08:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

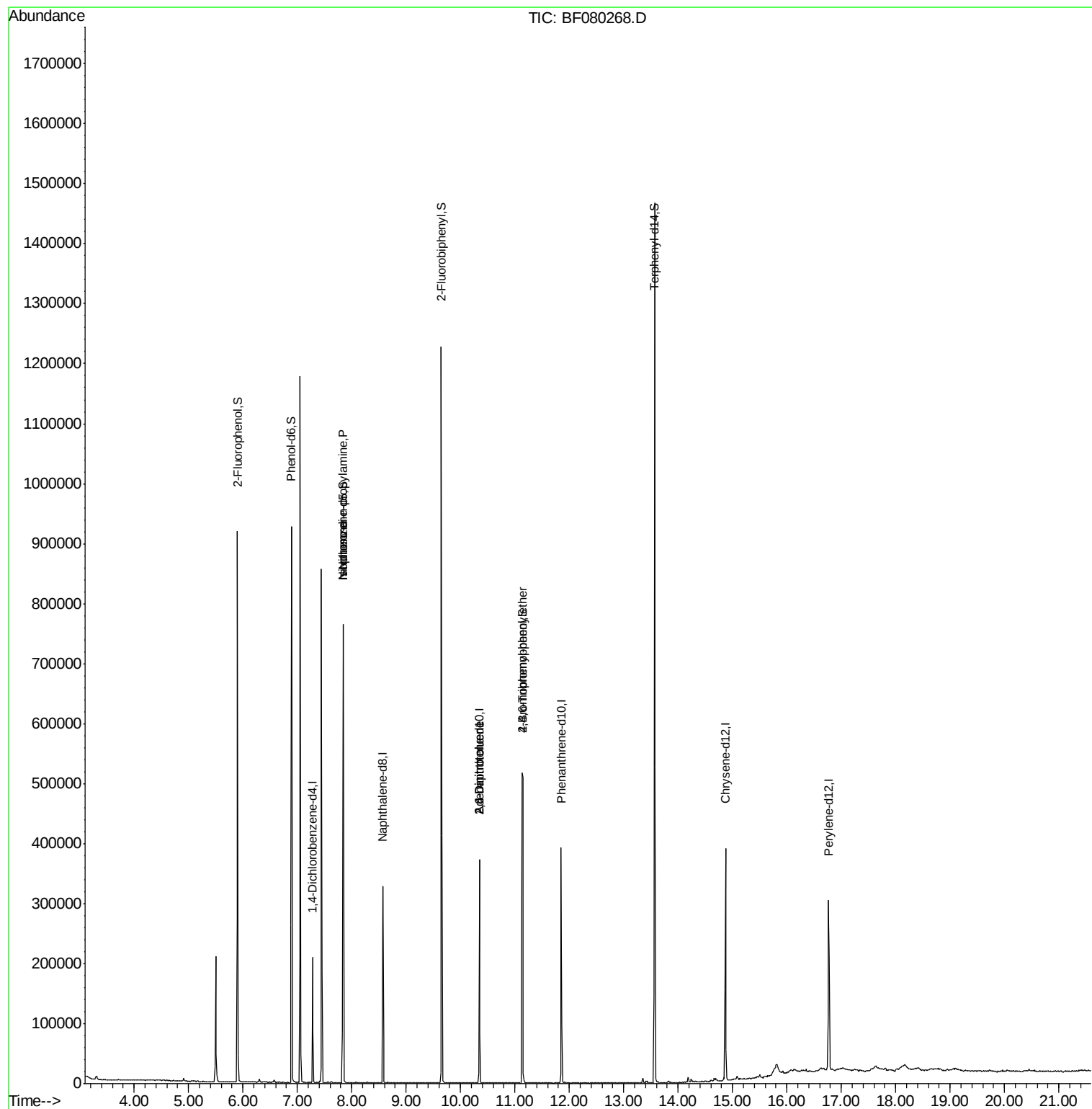
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	33440	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	137720	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	71143	20.00	ng	-0.05
63) Phenanthrene-d10	11.85	188	145211	20.00	ng	-0.06
75) Chrysene-d12	14.87	240	161464	20.00	ng	-0.13
86) Perylene-d12	16.77	264	162090	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	247695	131.12	ng	-0.03
7) Phenol-d6	6.89	99	317687	126.38	ng	-0.03
23) Nitrobenzene-d5	7.84	82	210751	89.09	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	89121	128.11	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	397573	79.70	ng	-0.05
78) Terphenyl-d14	13.57	244	526435	76.15	ng	-0.10
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	26887	15.41	ng	# 60
25) Isophorone	7.84	82	210743	44.26	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	9164	8.55	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	9165	6.74	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6104	3.95	ng	# 1

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

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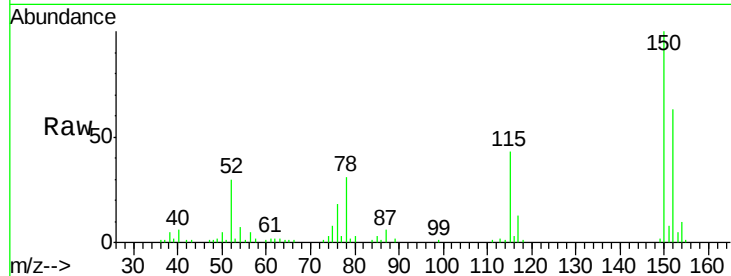


#1

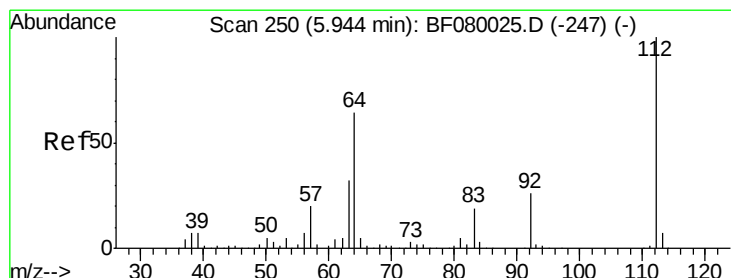
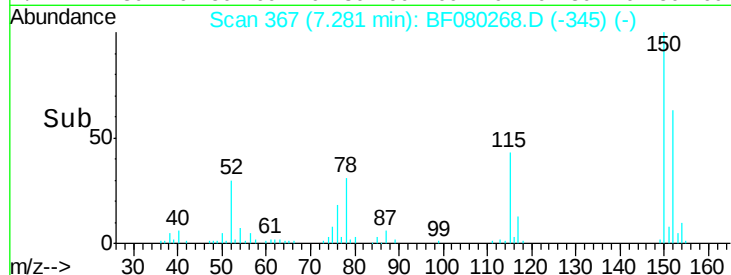
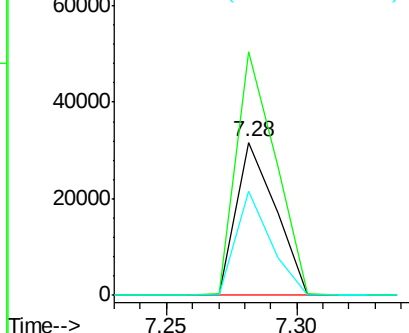
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.28 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)

Tgt Ion:152 Resp: 33440
 Ion Ratio Lower Upper
 152 100
 150 159.1 124.7 187.1
 115 68.2 39.0 58.4#



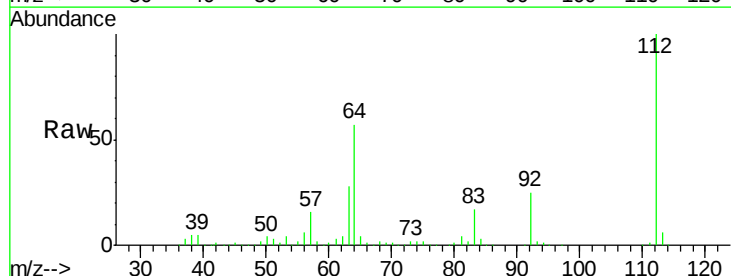
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



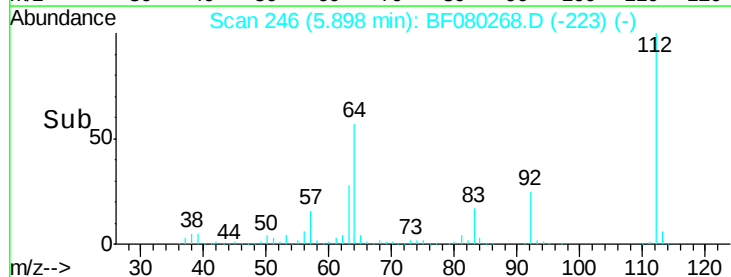
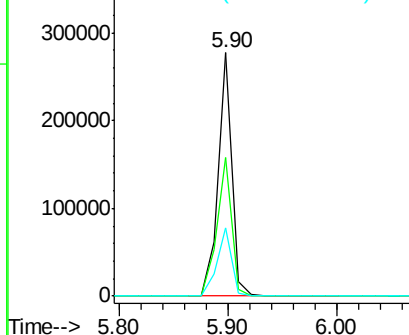
#5

2-Fluorophenol
 Concen: 131.12 ng
 RT: 5.90 min Scan# 246
 Delta R.T. -0.03 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Tgt Ion:112 Resp: 247695
 Ion Ratio Lower Upper
 112 100
 64 57.0 39.7 59.5
 63 28.3 17.4 26.0#



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: 126.38 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)

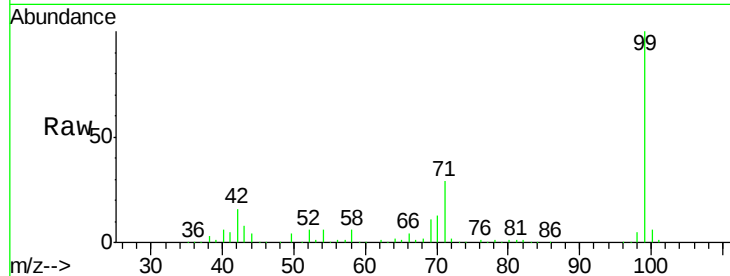
Tgt Ion: 99 Resp: 317687

Ion Ratio Lower Upper

99 100

42 16.0 13.7 20.5

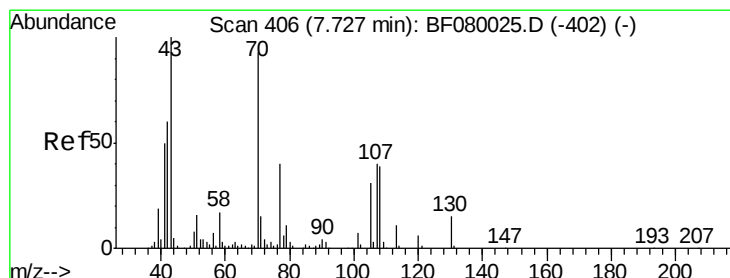
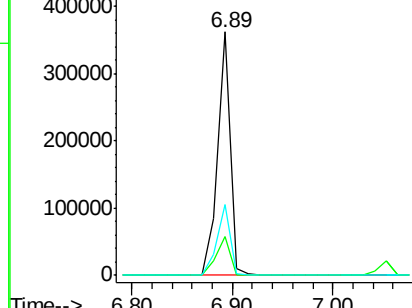
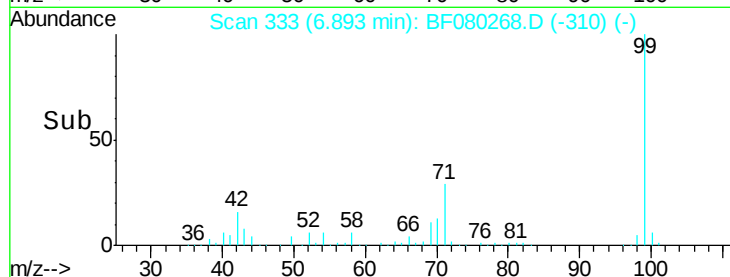
71 29.3 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.41 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

Tgt Ion: 70 Resp: 26887

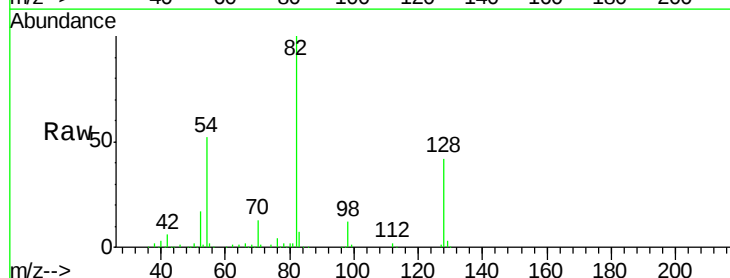
Ion Ratio Lower Upper

70 100

42 49.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

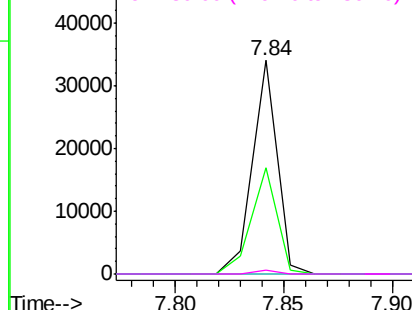
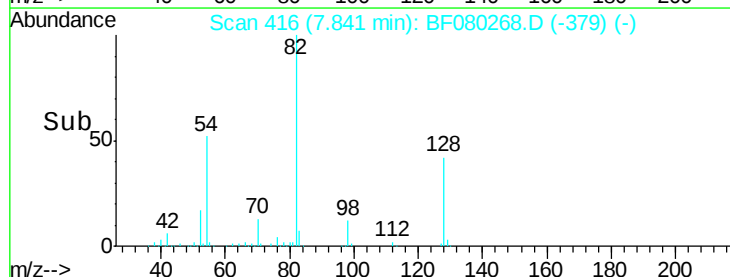


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

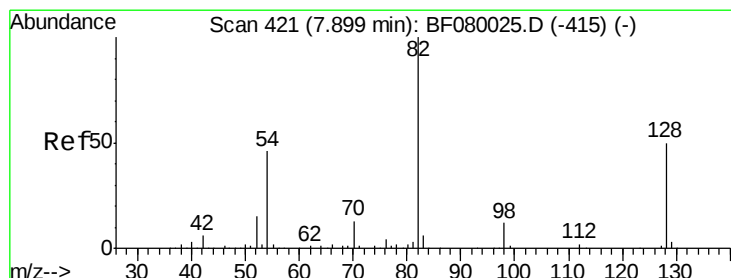
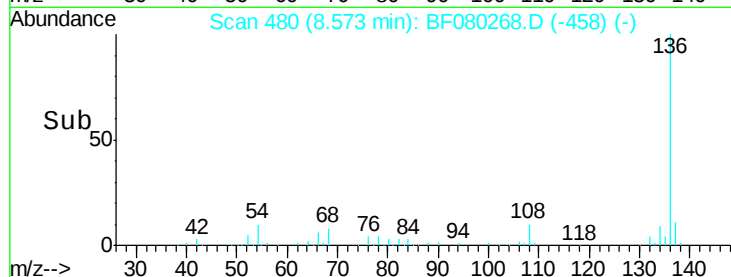
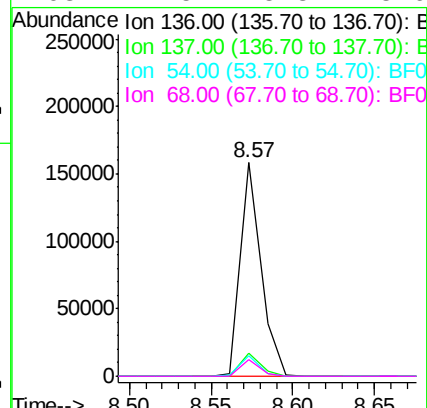
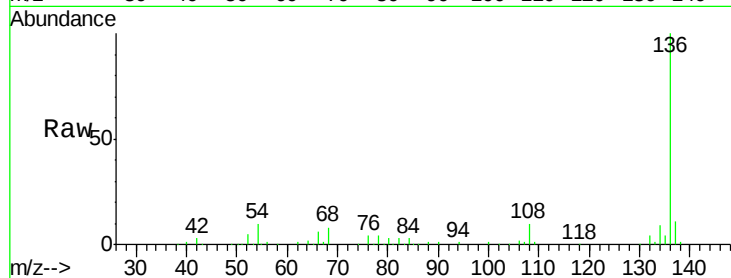




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080268.D
Acq: 1 Jul 2015 10:16

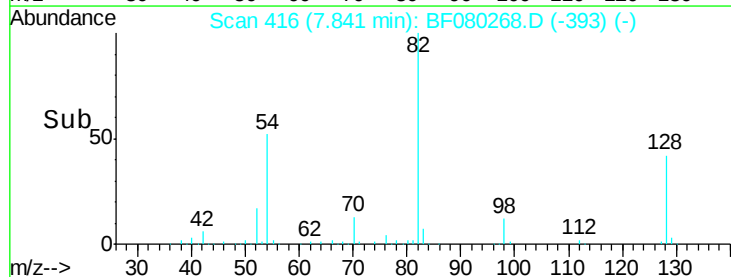
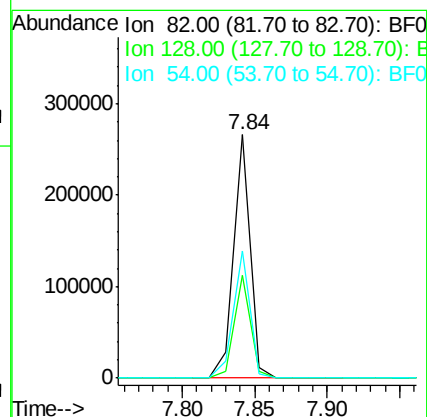
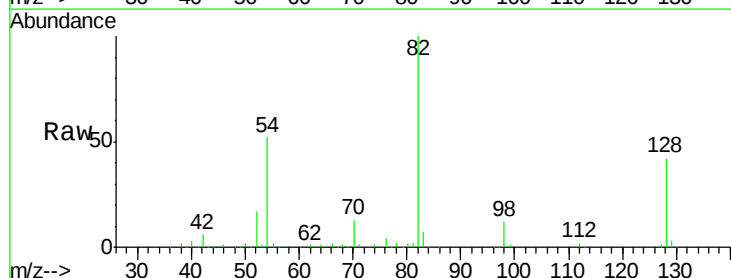
Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)

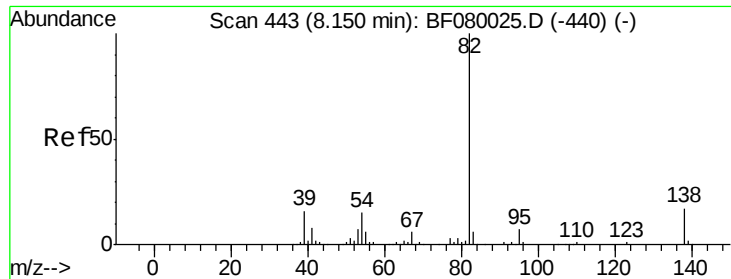
Tgt Ion:	136	Resp:	137720
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.8	8.2	12.2
68	7.5	5.8	8.6



#23
Nitrobenzene-d5
Concen: 89.09 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080268.D
Acq: 1 Jul 2015 10:16

Tgt Ion:	82	Resp:	210751
Ion	Ratio	Lower	Upper
82	100		
128	42.2	51.0	76.6#
54	52.1	47.5	71.3





#25

Isophorone

Concen: 44.26 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)

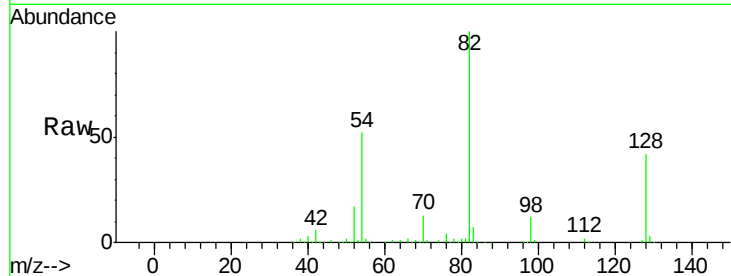
Tgt Ion: 82 Resp: 210743

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

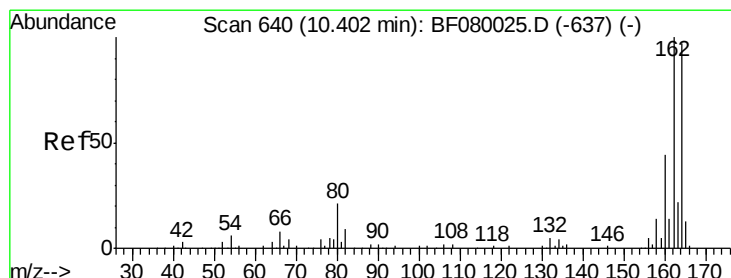
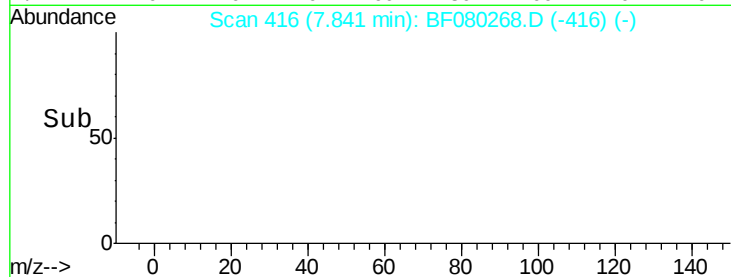
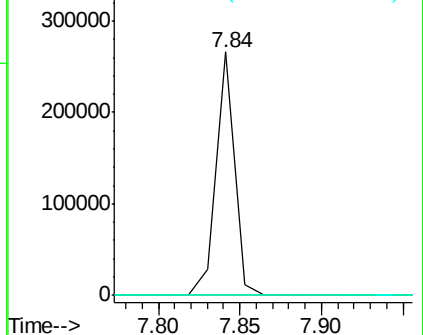
138 0.0 18.3 27.5#



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: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

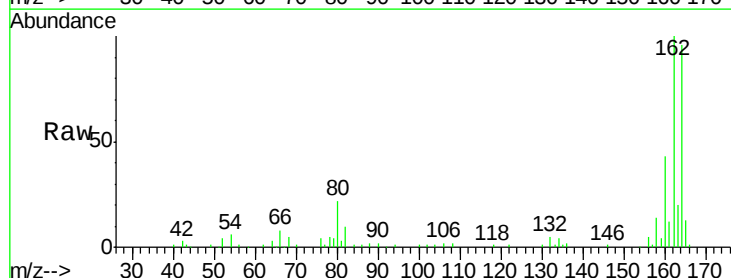
Tgt Ion: 164 Resp: 71143

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

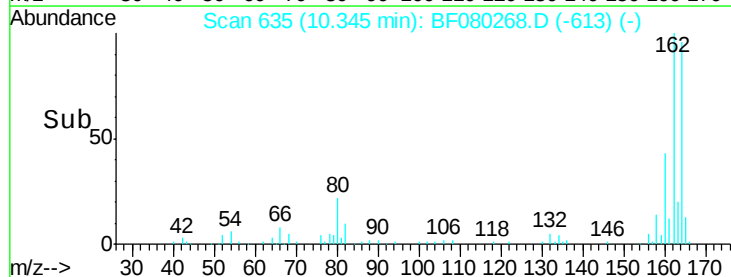
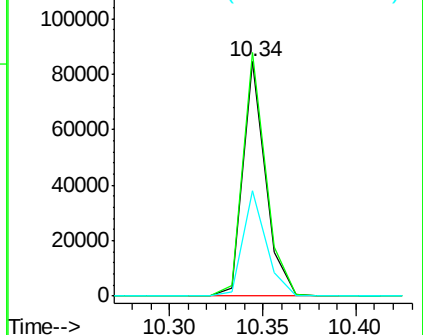
160 44.7 31.5 47.3



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

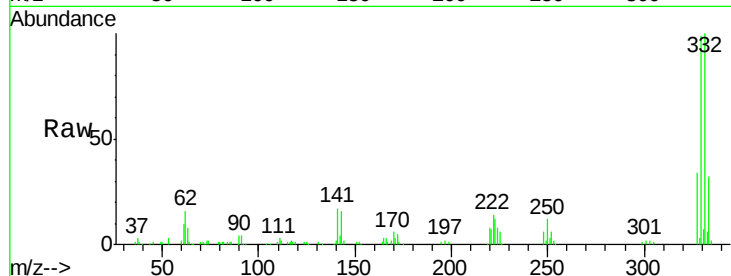




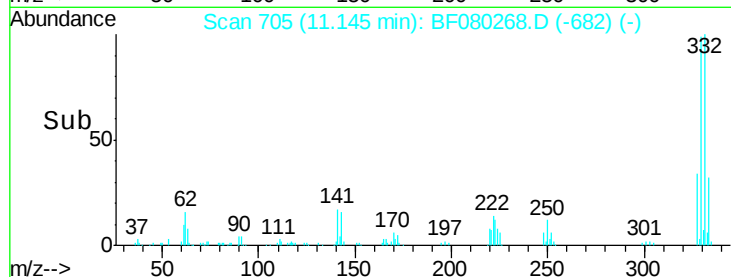
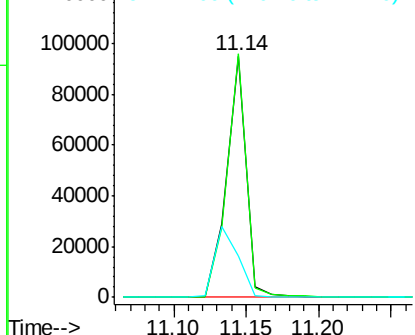
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)

Tgt Ion:330 Resp: 89121
 Ion Ratio Lower Upper
 330 100
 332 99.3 76.6 114.8
 141 35.3 29.7 44.5

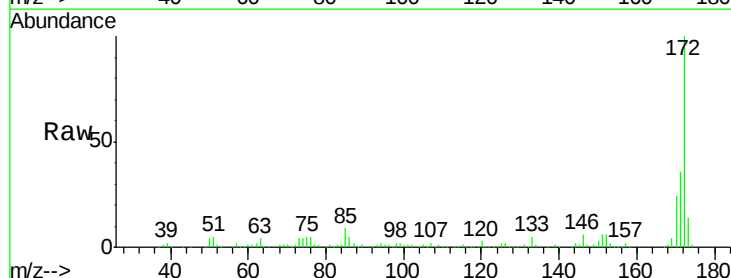


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

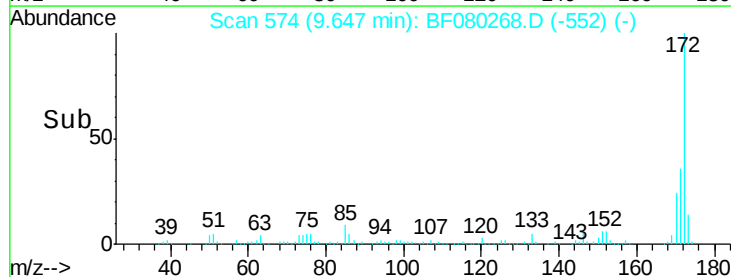
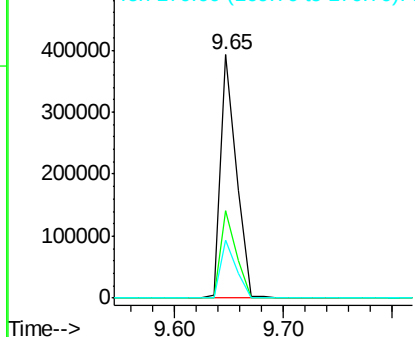


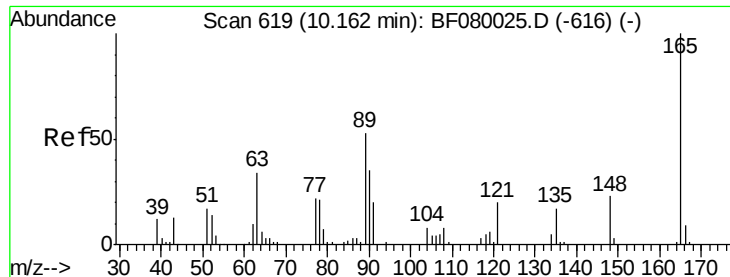
#44
 2-Fluorobiphenyl
 Concen: 79.70 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Tgt Ion:172 Resp: 397573
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 23.9 17.4 26.2



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

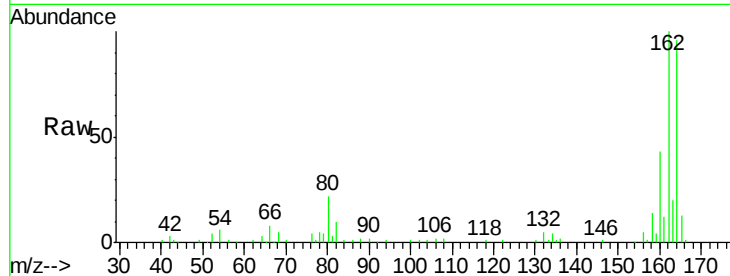




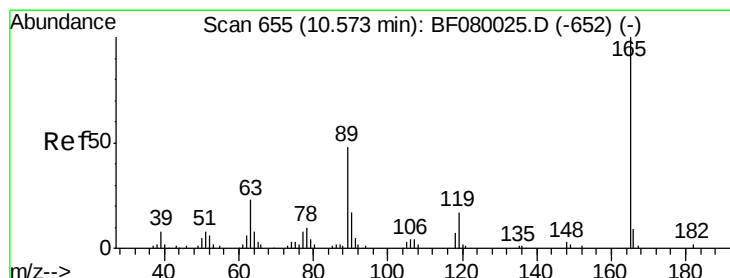
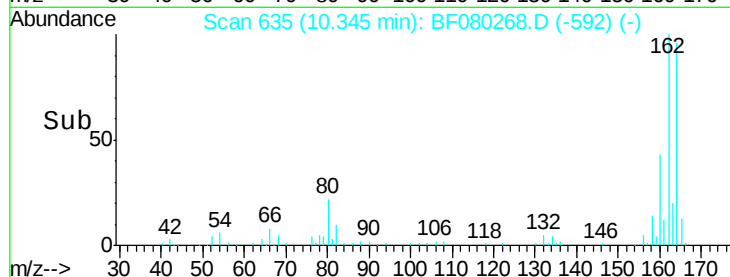
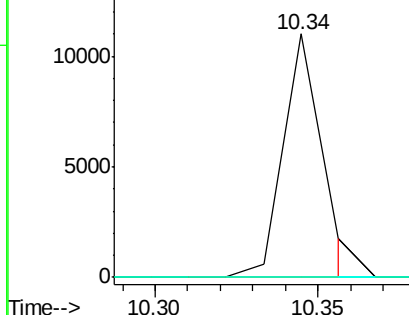
#50
 2,6-Dinitrotoluene
 Concen: 8.55 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Instrument :
 BNA_F
 ClientSampled :
 SP-3(0-2)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



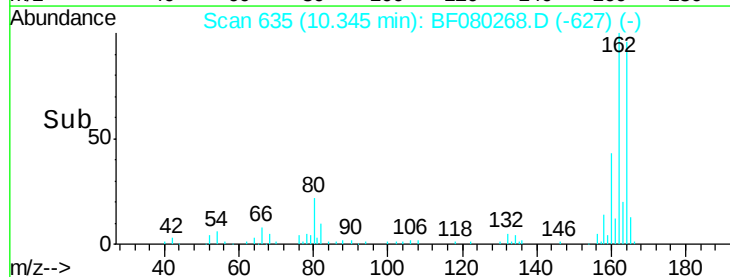
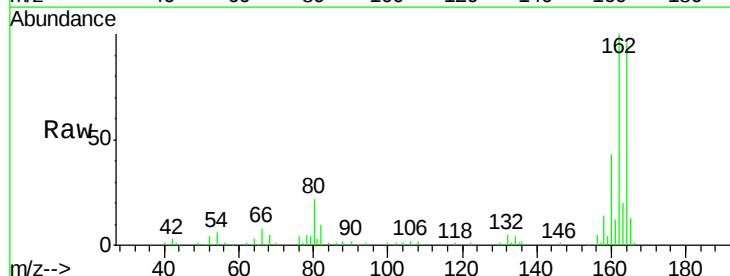
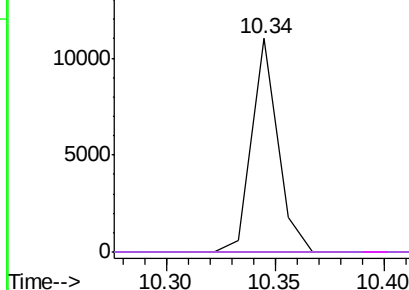
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

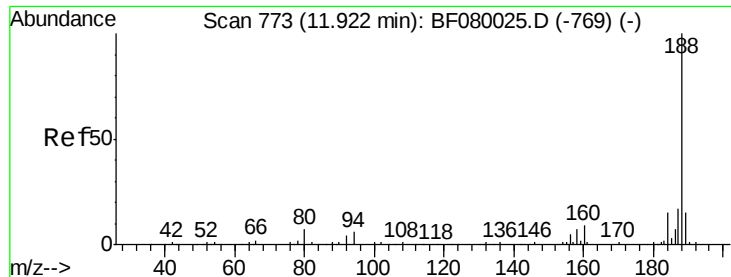


#56
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

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

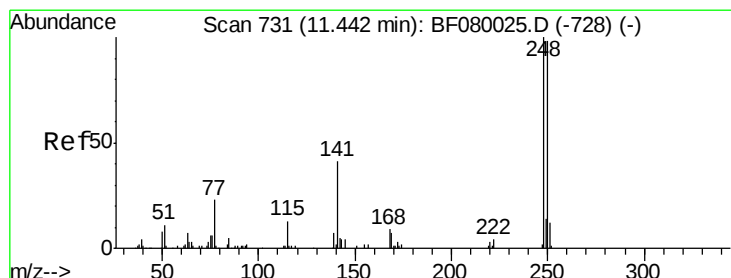
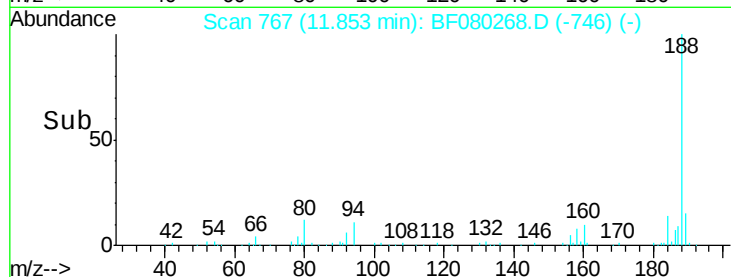
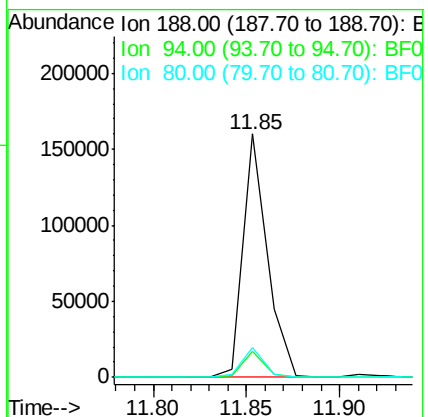
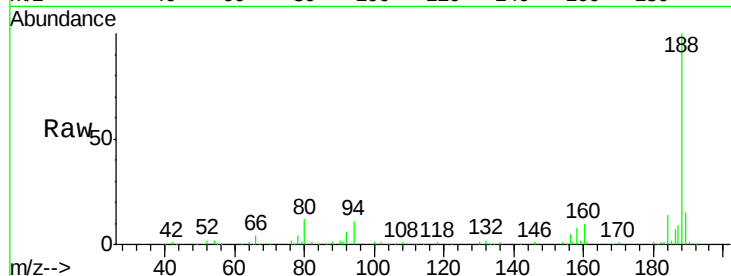




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.85 min Scan# 767
 Delta R.T. -0.06 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

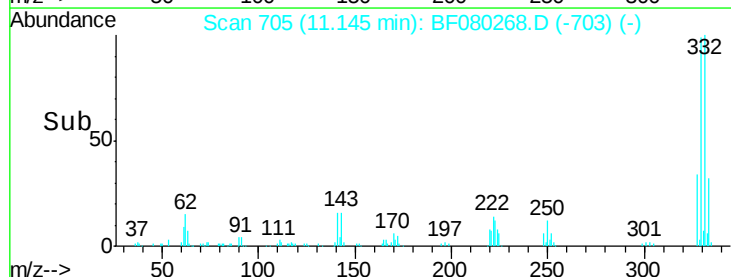
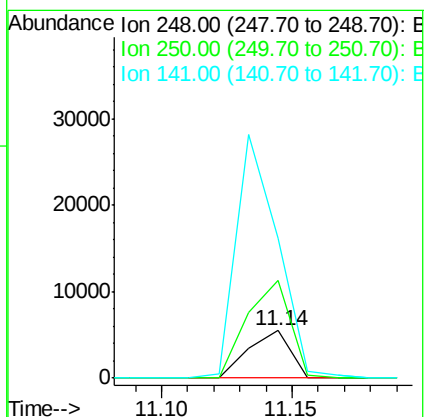
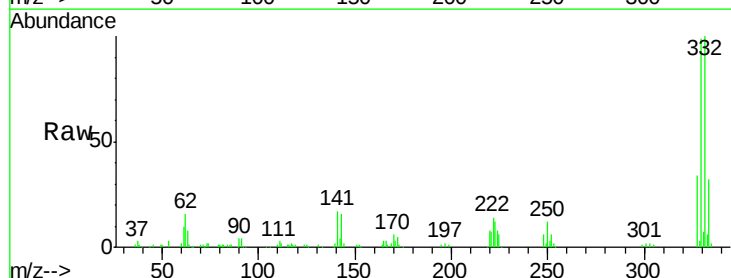
Instrument :
 BNA_F
 ClientSampleId :
 SP-3(0-2)

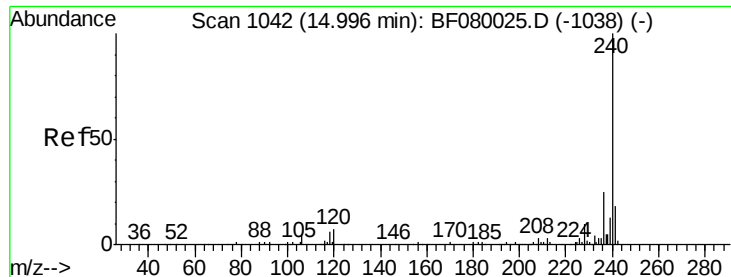
Tgt Ion:188 Resp: 145211
 Ion Ratio Lower Upper
 188 100
 94 10.8 11.1 16.7#
 80 12.3 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080268.D
 Acq: 1 Jul 2015 10:16

Tgt Ion:248 Resp: 6104
 Ion Ratio Lower Upper
 248 100
 250 204.4 78.5 117.7#
 141 295.1 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

Instrument :

BNA_F

ClientSampleId :

SP-3(0-2)

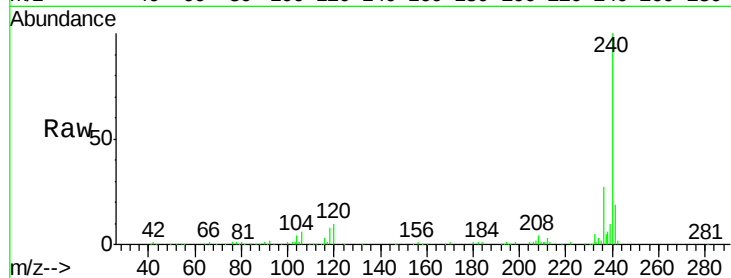
Tgt Ion:240 Resp: 161464

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

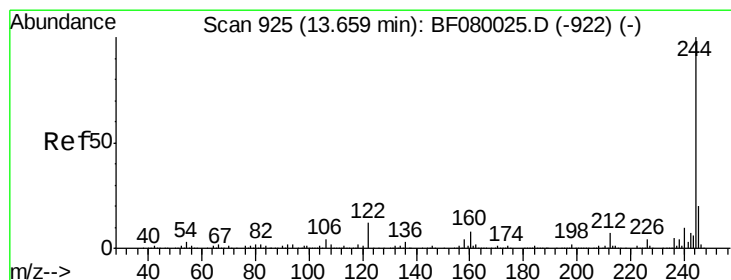
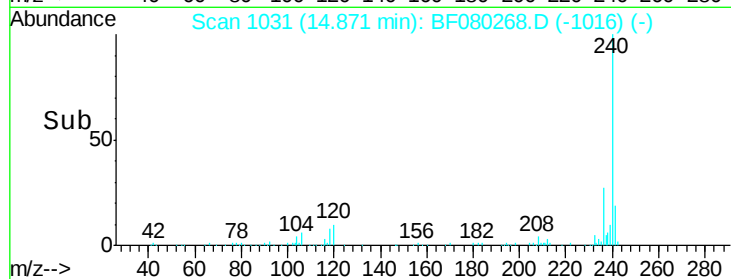
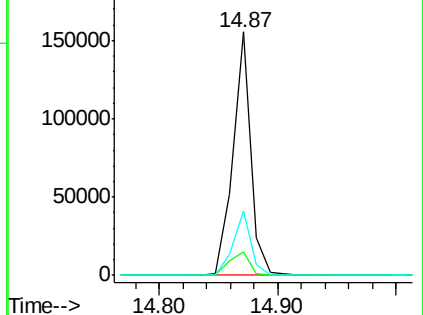
236 26.6 18.4 27.6



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: 76.15 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.10 min

Lab File: BF080268.D

Acq: 1 Jul 2015 10:16

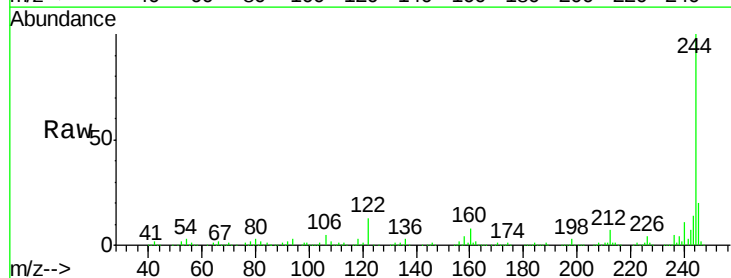
Tgt Ion:244 Resp: 526435

Ion Ratio Lower Upper

244 100

212 7.4 4.3 6.5#

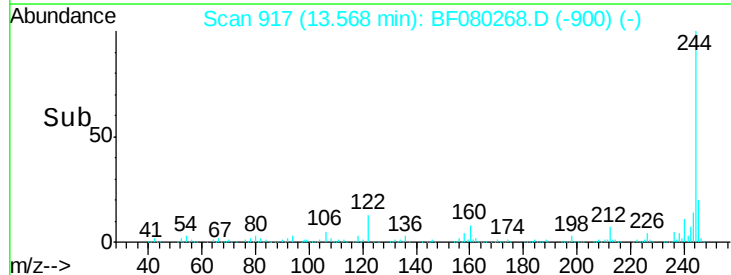
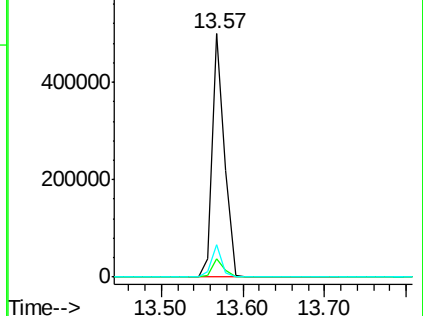
122 13.4 17.4 26.2#

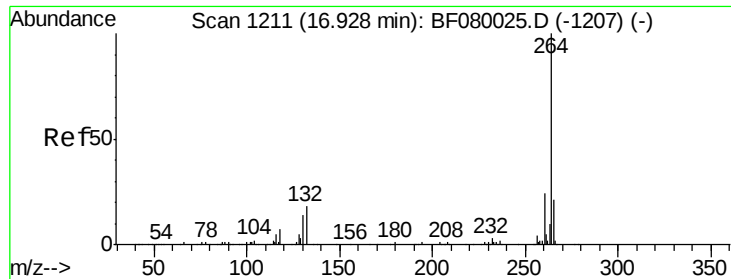


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.77 min Scan# 1197
Delta R.T. -0.16 min
Lab File: BF080268.D
Acq: 1 Jul 2015 10:16

Instrument :
BNA_F
ClientSampleId :
SP-3(0-2)

Tgt Ion: 264 Resp: 162090
Ion Ratio Lower Upper
264 100
260 23.6 16.7 25.1
265 21.3 17.2 25.8

