

Data Path : Z:\HPCHEM1\BNA_F\Data\BF063015\
 Data File : BF080269.D
 Acq On : 1 Jul 2015 10:45
 Operator : TP/IZ
 Sample : G2831-12
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Quant Time: Jul 01 14:09:51 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

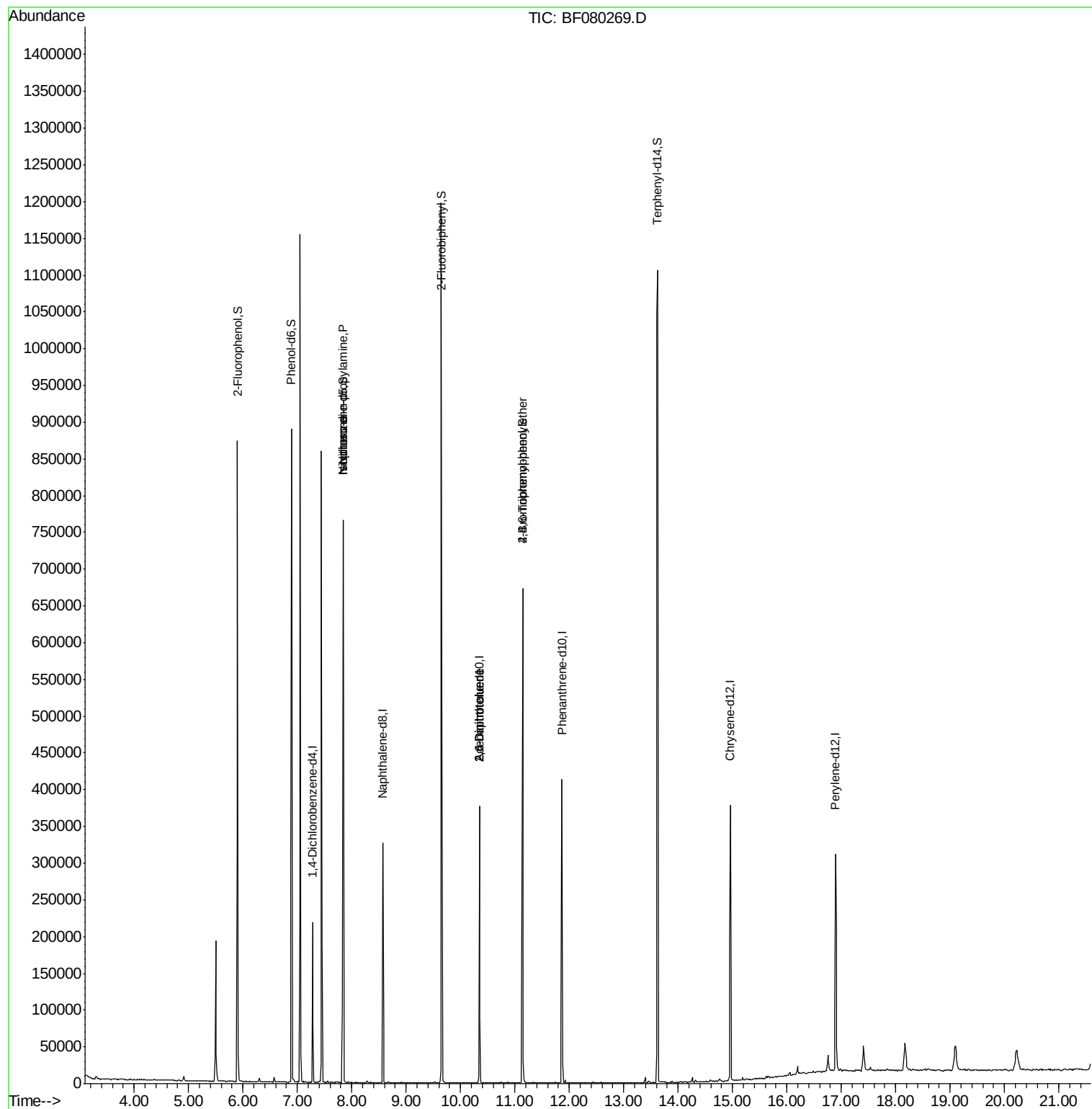
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	34041	20.00	ng	-0.05
21) Naphthalene-d8	8.57	136	137324	20.00	ng	-0.05
38) Acenaphthene-d10	10.34	164	71781	20.00	ng	-0.05
63) Phenanthrene-d10	11.86	188	148461	20.00	ng	-0.05
75) Chrysene-d12	14.96	240	166361	20.00	ng	-0.03
86) Perylene-d12	16.89	264	164618	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	249355	129.67	ng	-0.03
7) Phenol-d6	6.89	99	313190	122.39	ng	-0.03
23) Nitrobenzene-d5	7.84	82	215390	91.31	ng	-0.03
41) 2,4,6-Tribromophenol	11.14	330	90767	129.31	ng	-0.03
44) 2-Fluorobiphenyl	9.65	172	398931	79.26	ng	-0.05
78) Terphenyl-d14	13.63	244	553674	77.73	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.84	70	28133	15.83	ng	# 59
25) Isophorone	7.84	82	215381	45.37	ng	# 58
50) 2,6-Dinitrotoluene	10.34	165	8816	8.15	ng	# 37
56) 2,4-Dinitrotoluene	10.34	165	8815	6.42	ng	# 31
66) 4-Bromophenyl-phenylether	11.14	248	6243	3.95	ng	# 1

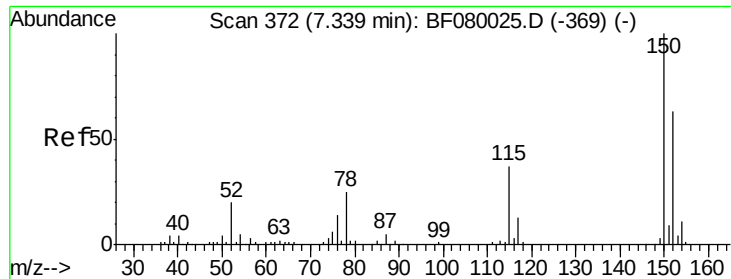
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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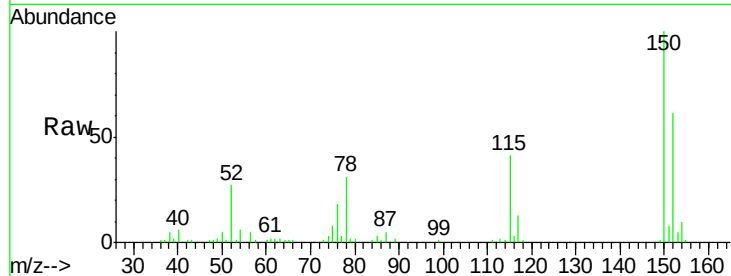


#1

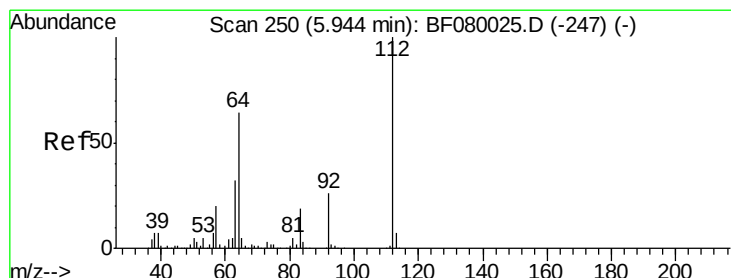
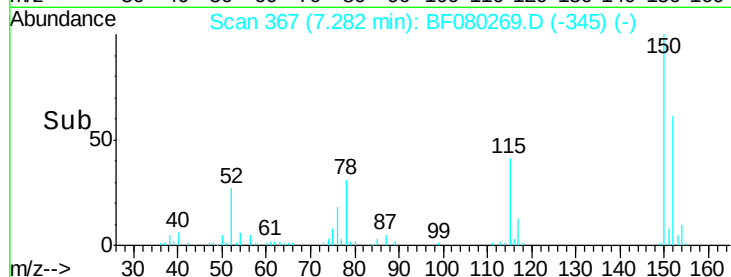
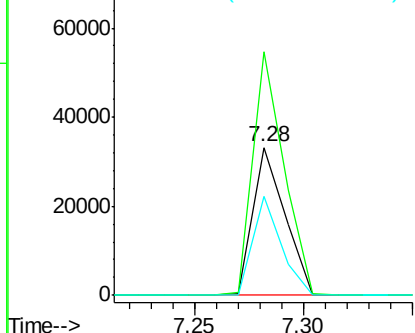
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.28 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

Tgt Ion:152 Resp: 34041
Ion Ratio Lower Upper
152 100
150 164.4 124.7 187.1
115 66.9 39.0 58.4#



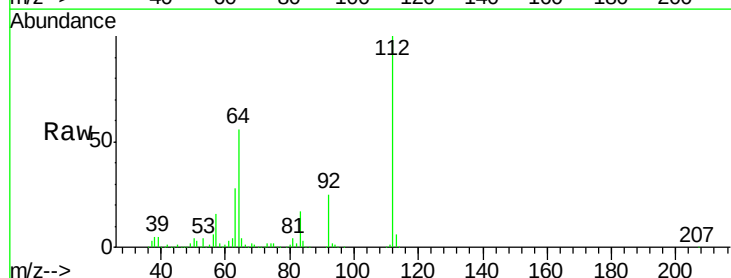
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



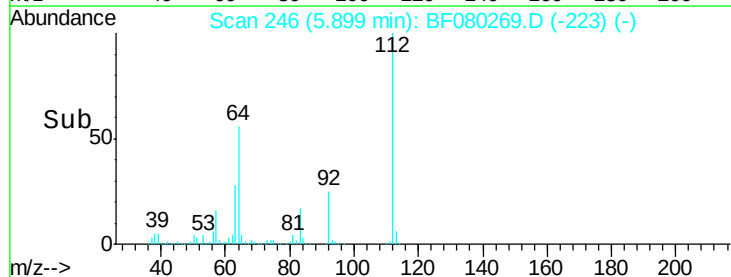
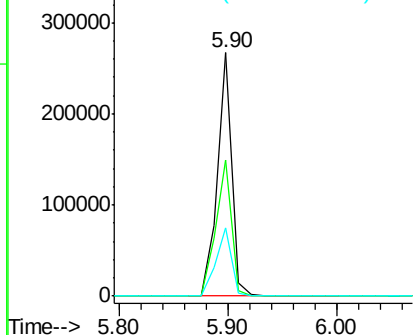
#5

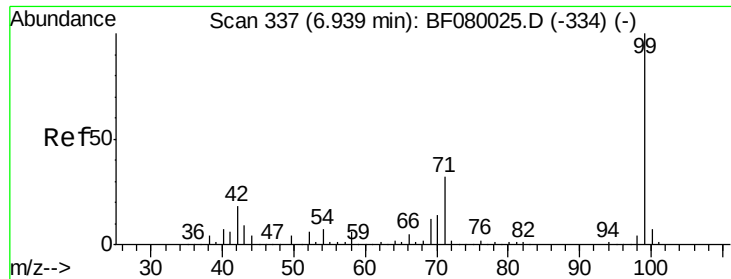
2-Fluorophenol
Concen: 129.67 ng
RT: 5.90 min Scan# 246
Delta R.T. -0.03 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Tgt Ion:112 Resp: 249355
Ion Ratio Lower Upper
112 100
64 56.1 39.7 59.5
63 27.9 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: 122.39 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

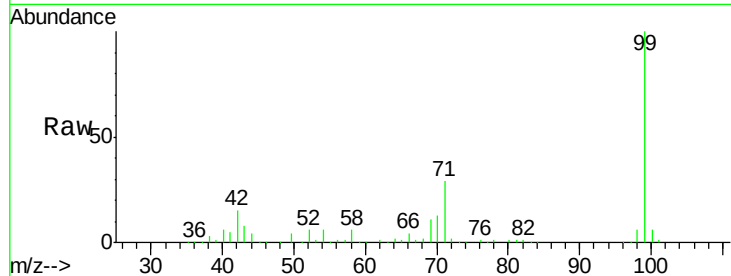
Tgt Ion: 99 Resp: 313190

Ion Ratio Lower Upper

99 100

42 15.5 13.7 20.5

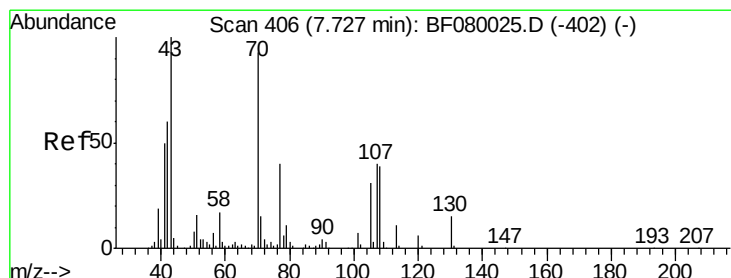
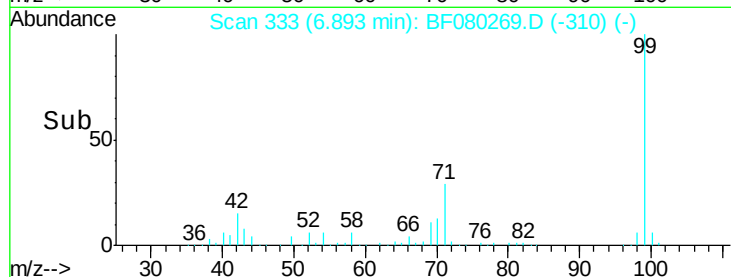
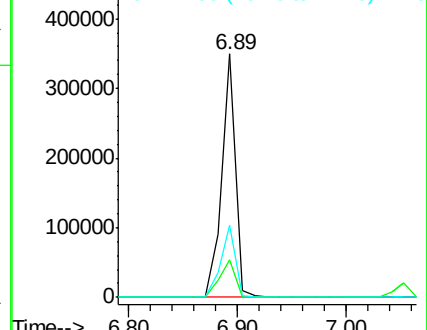
71 29.4 14.2 21.2#



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: 15.83 ng

RT: 7.84 min Scan# 416

Delta R.T. 0.13 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Tgt Ion: 70 Resp: 28133

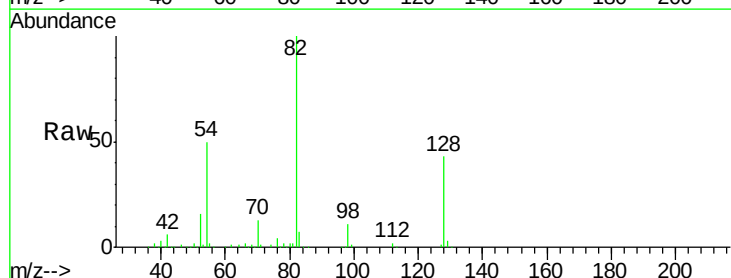
Ion Ratio Lower Upper

70 100

42 48.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#

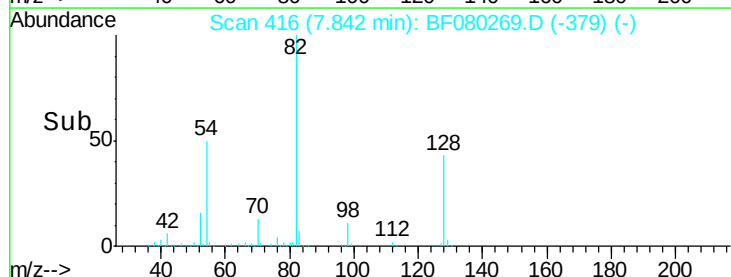
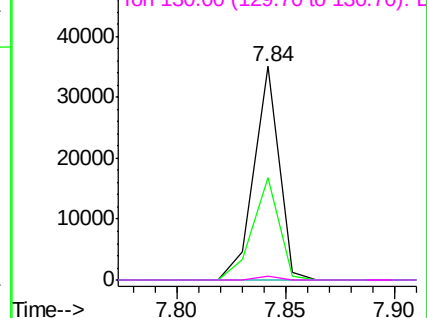


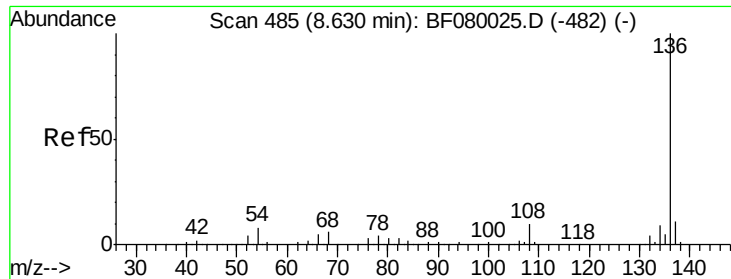
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

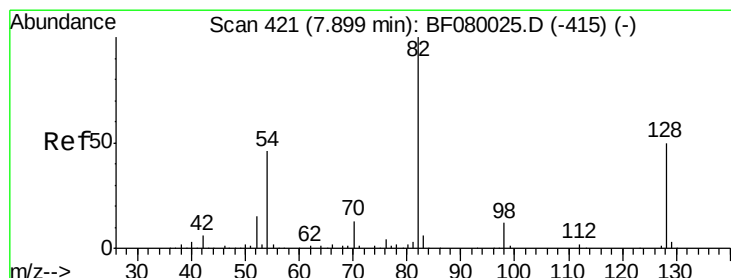
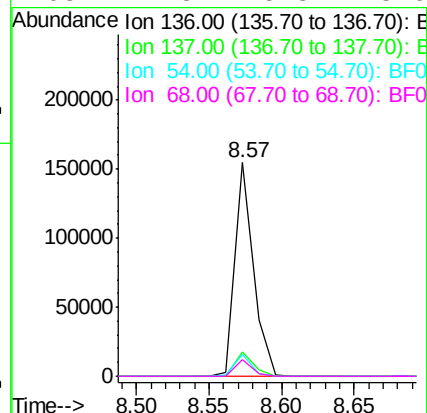
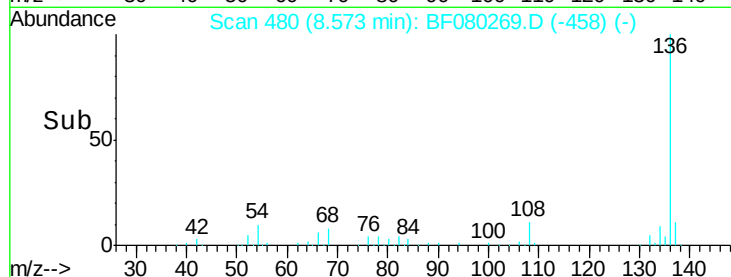
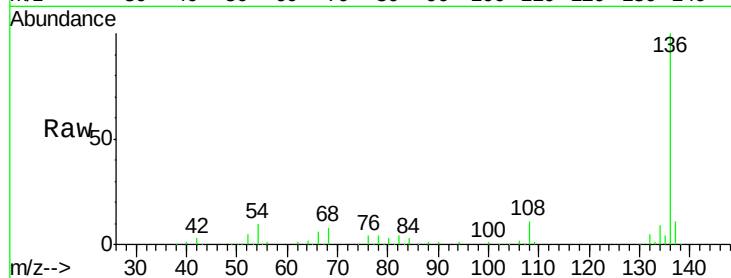




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.05 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

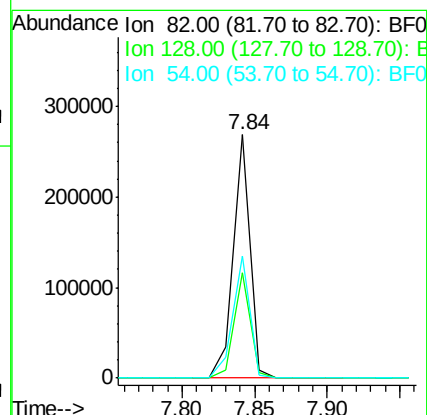
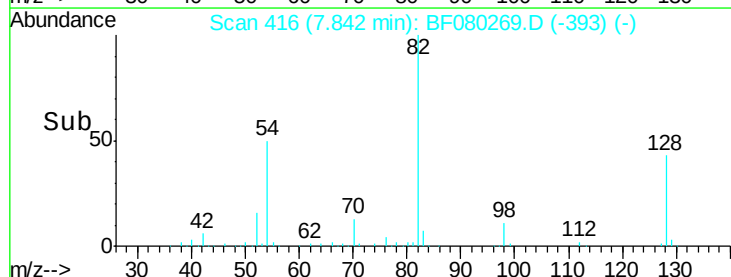
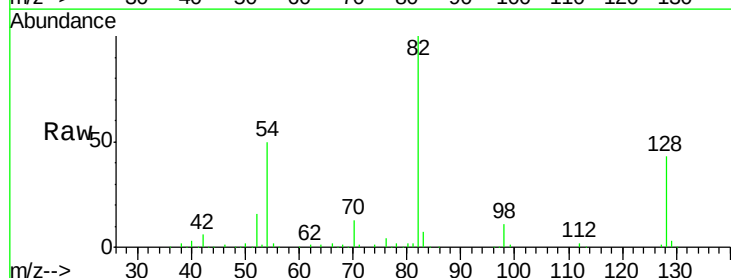
Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

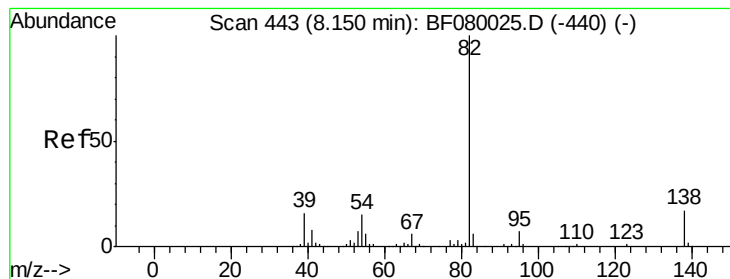
Tgt Ion:	136	Resp:	137324
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.4	8.2	12.2
68	7.8	5.8	8.6



#23
Nitrobenzene-d5
Concen: 91.31 ng
RT: 7.84 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Tgt Ion:	82	Resp:	215390
Ion	Ratio	Lower	Upper
82	100		
128	43.0	51.0	76.6#
54	50.3	47.5	71.3





#25

Isophorone

Concen: 45.37 ng

RT: 7.84 min Scan# 416

Delta R.T. -0.30 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

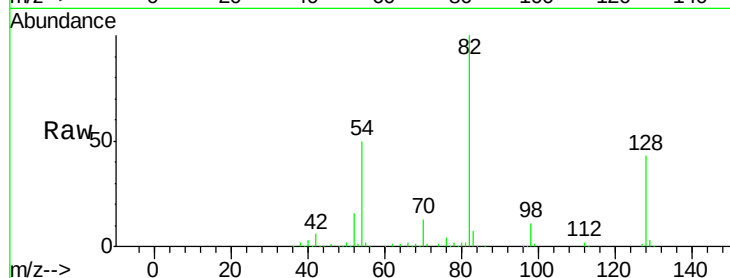
Tgt Ion: 82 Resp: 215381

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

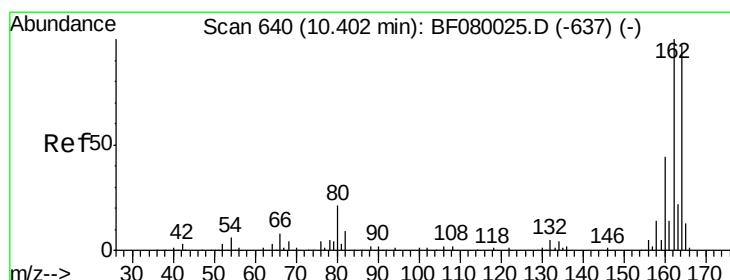
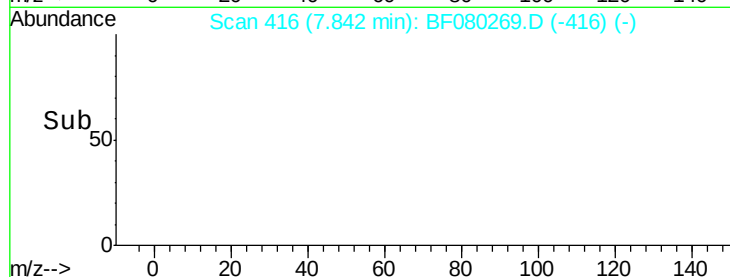
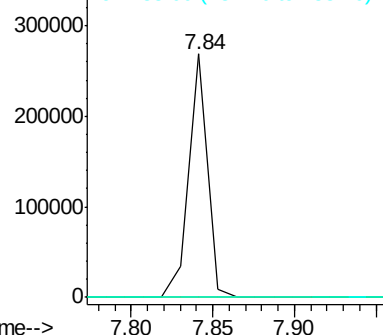
138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

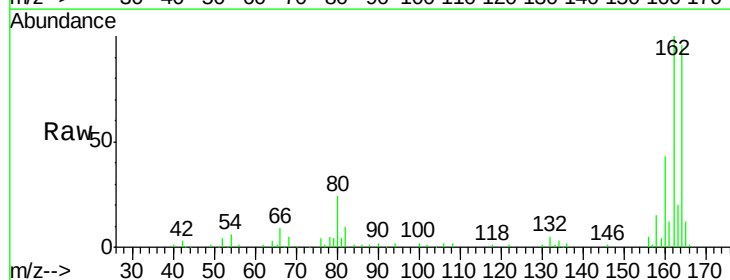
Tgt Ion: 164 Resp: 71781

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

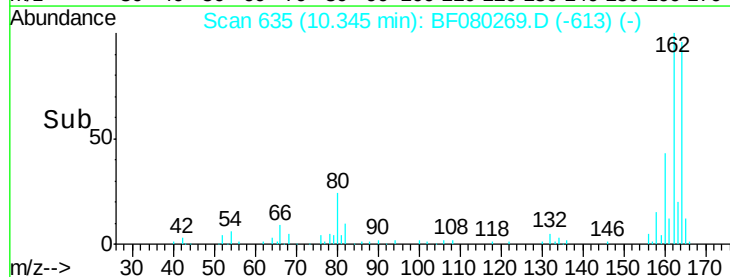
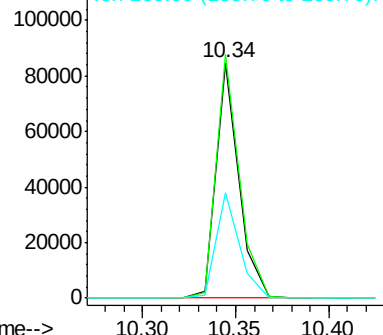
160 45.0 31.5 47.3

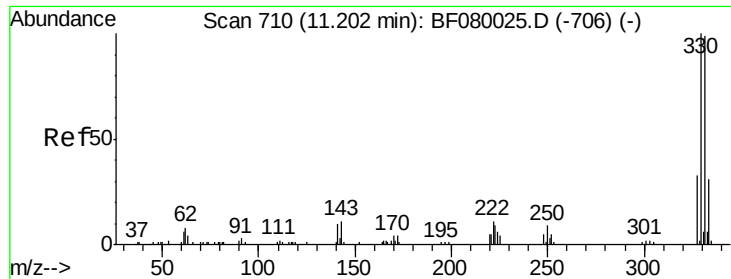


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

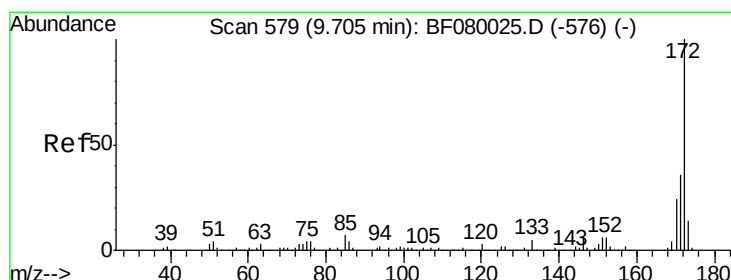
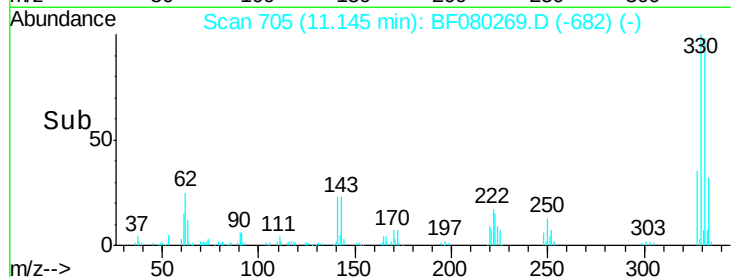
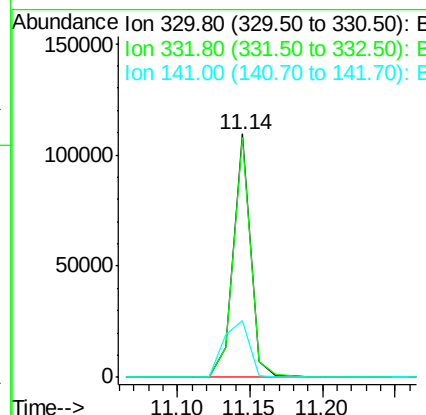
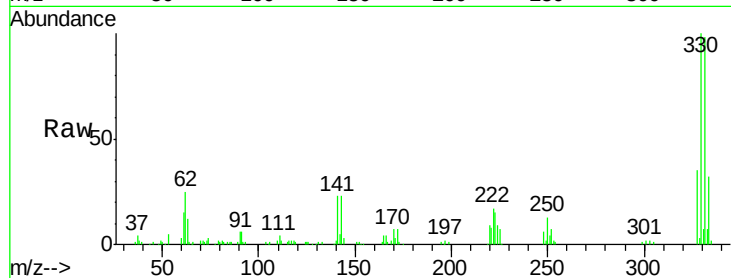




#41
 2,4,6-Tribromophenol
 Concen: 129.31 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

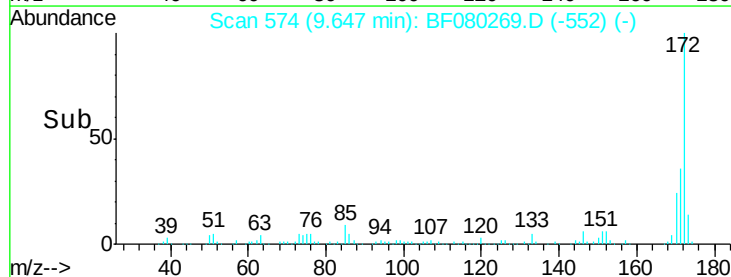
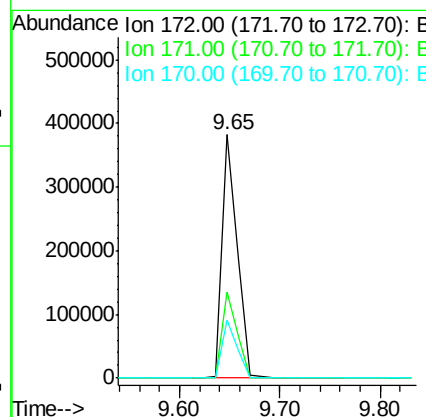
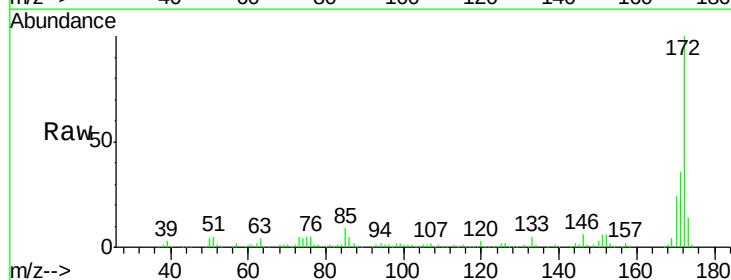
Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

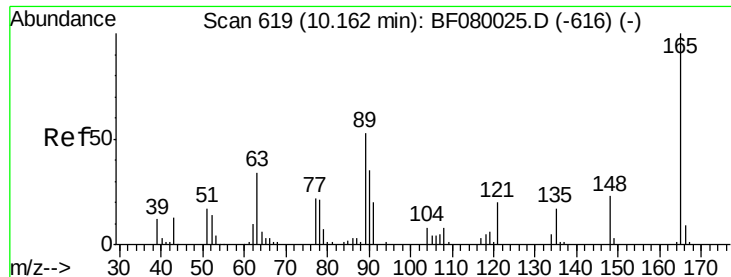
Tgt Ion:330 Resp: 90767
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.6 114.8
 141 34.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 79.26 ng
 RT: 9.65 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Tgt Ion:172 Resp: 398931
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.9 17.4 26.2

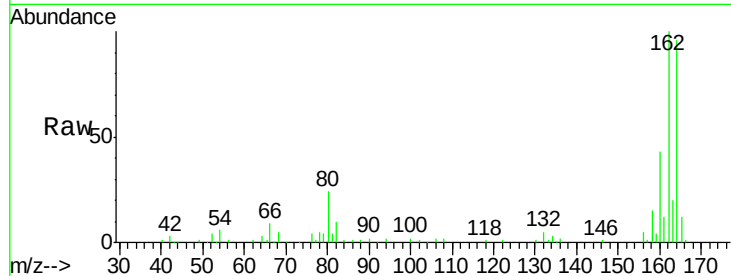




#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 10.34 min Scan# 635
 Delta R.T. 0.19 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

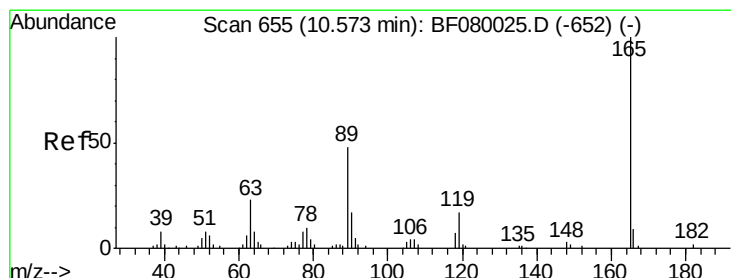
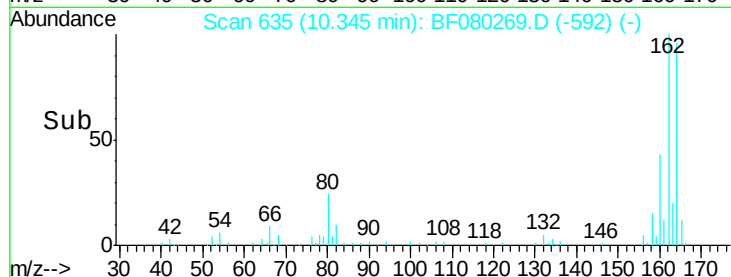
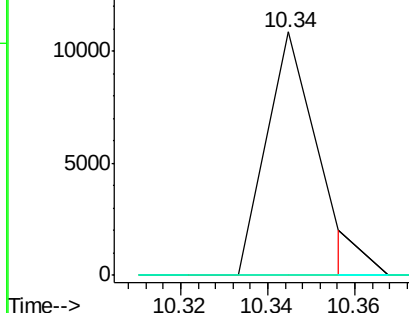
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



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: 6.42 ng
 RT: 10.34 min Scan# 635
 Delta R.T. -0.21 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

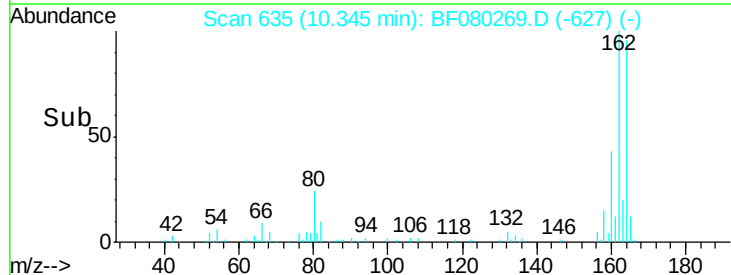
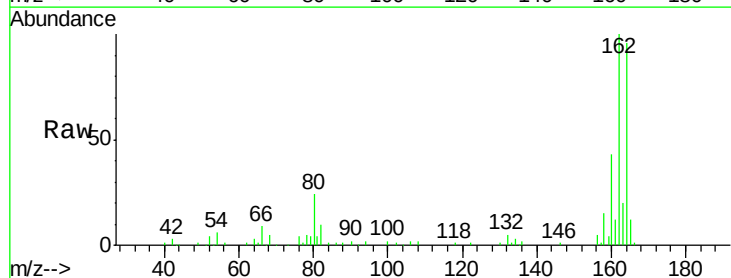
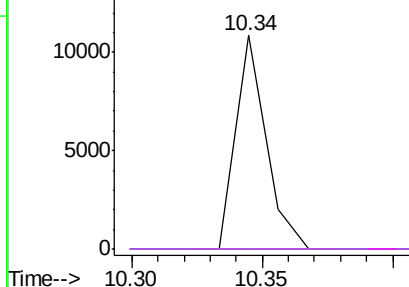
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

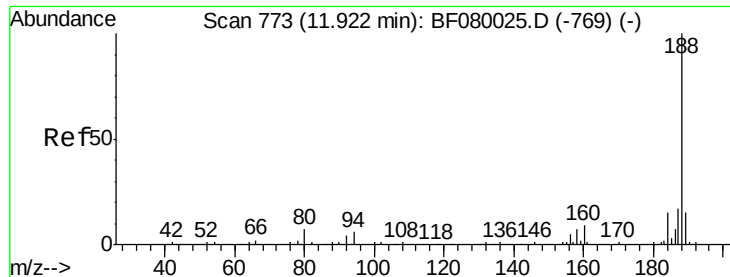
Abundance Ion 165.00 (164.70 to 165.70): E

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

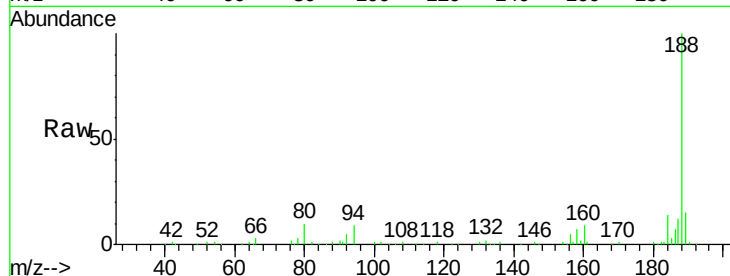




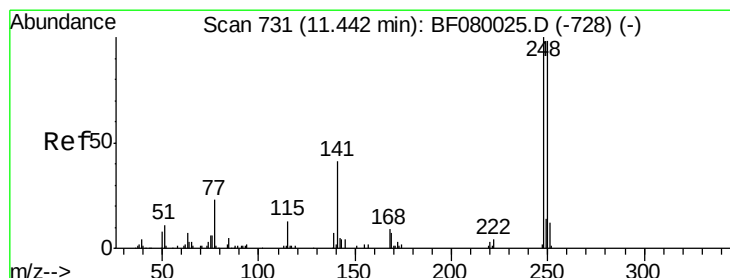
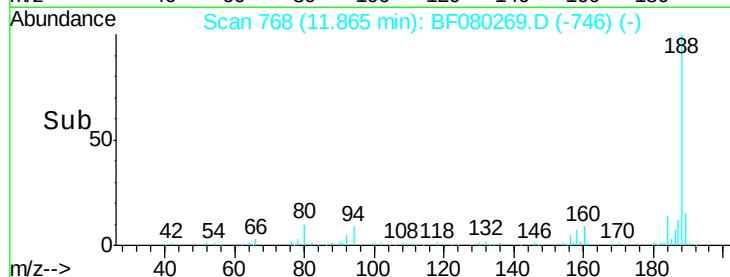
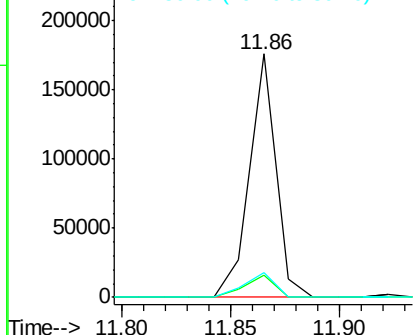
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Instrument :
 BNA_F
 ClientSampleId :
 SP-4(0-2)

Tgt Ion:188 Resp: 148461
 Ion Ratio Lower Upper
 188 100
 94 9.2 11.1 16.7#
 80 10.0 11.0 16.4#

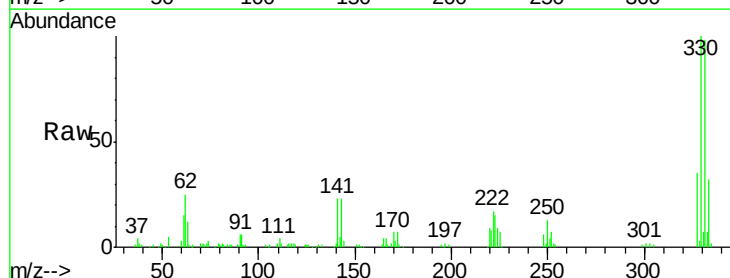


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

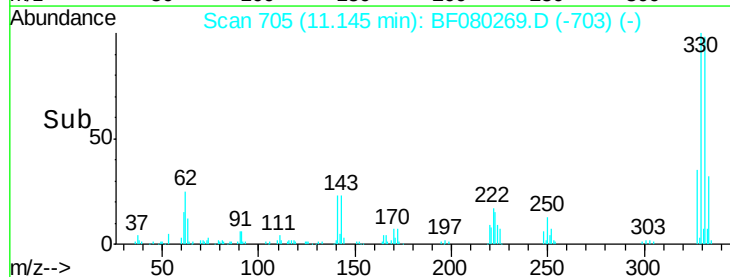
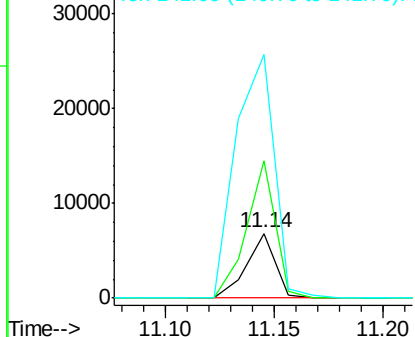


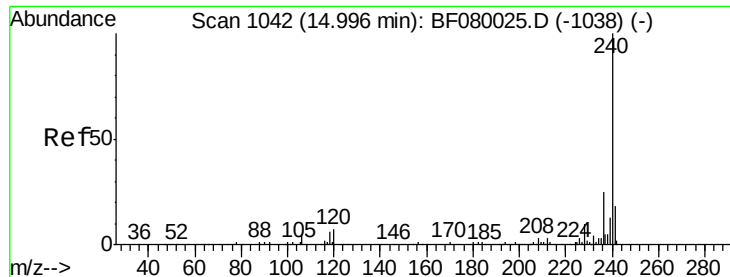
#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 11.14 min Scan# 705
 Delta R.T. -0.27 min
 Lab File: BF080269.D
 Acq: 1 Jul 2015 10:45

Tgt Ion:248 Resp: 6243
 Ion Ratio Lower Upper
 248 100
 250 211.6 78.5 117.7#
 141 374.4 59.0 88.6#



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: 14.96 min Scan# 1039

Delta R.T. -0.03 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

Instrument :

BNA_F

ClientSampleId :

SP-4(0-2)

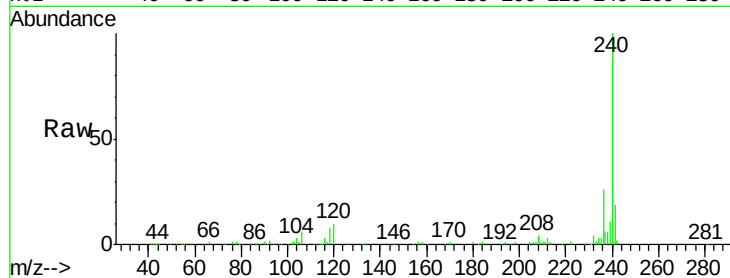
Tgt Ion:240 Resp: 166361

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

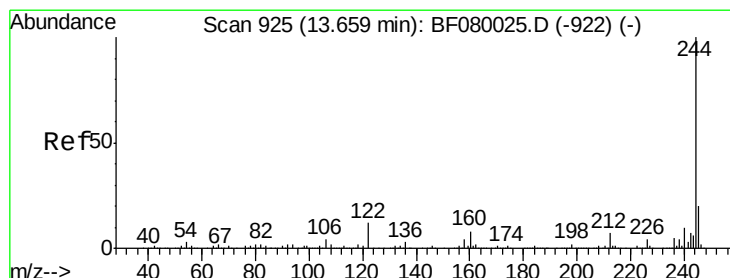
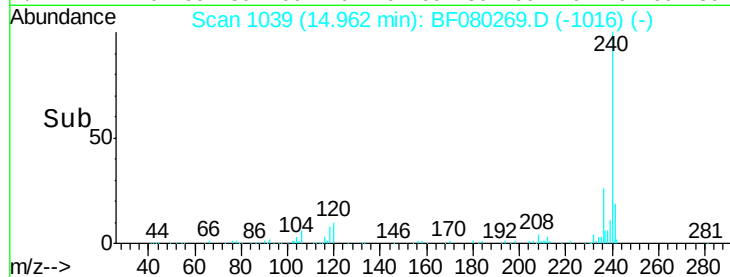
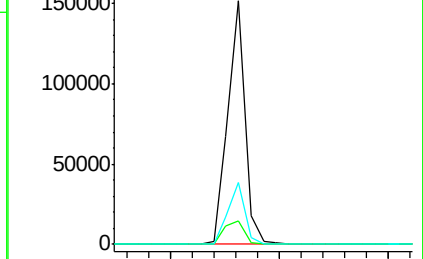
236 25.6 18.4 27.6



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: 77.73 ng

RT: 13.63 min Scan# 922

Delta R.T. -0.05 min

Lab File: BF080269.D

Acq: 1 Jul 2015 10:45

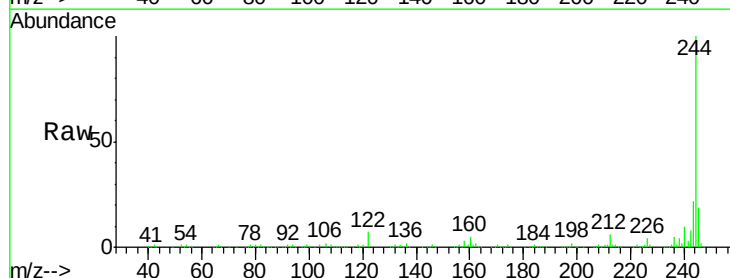
Tgt Ion:244 Resp: 553674

Ion Ratio Lower Upper

244 100

212 6.2 4.3 6.5

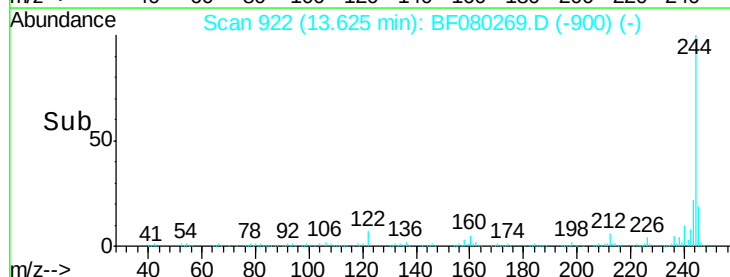
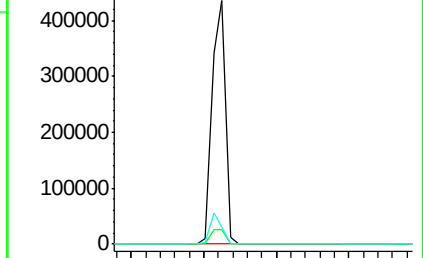
122 6.8 17.4 26.2#

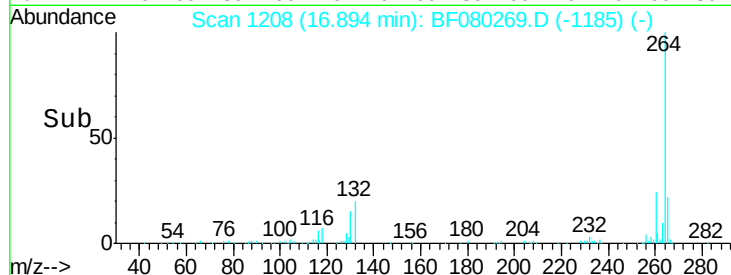
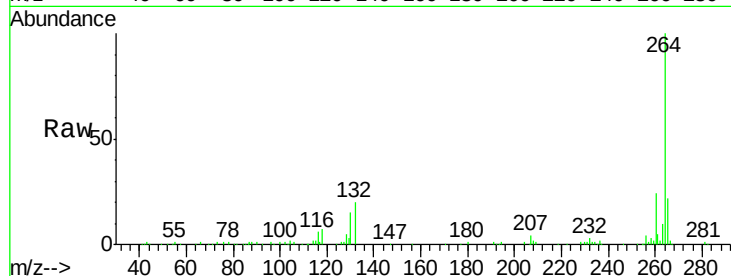
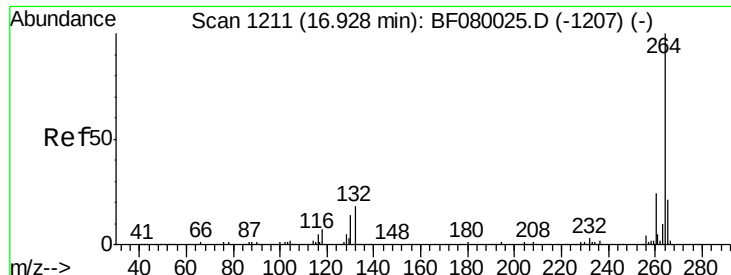


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.89 min Scan# 1208
Delta R.T. -0.03 min
Lab File: BF080269.D
Acq: 1 Jul 2015 10:45

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)

Tgt Ion:	264	Resp:	164618
Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.8	17.2	25.8

