

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
 Data File : BF080089.D
 Acq On : 20 Jun 2015 8:52
 Operator : TP/IZ
 Sample : G2656-01RE
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

Quant Time: Jun 22 00:57:46 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 17 16:41:53 2015
 Response via : Initial Calibration

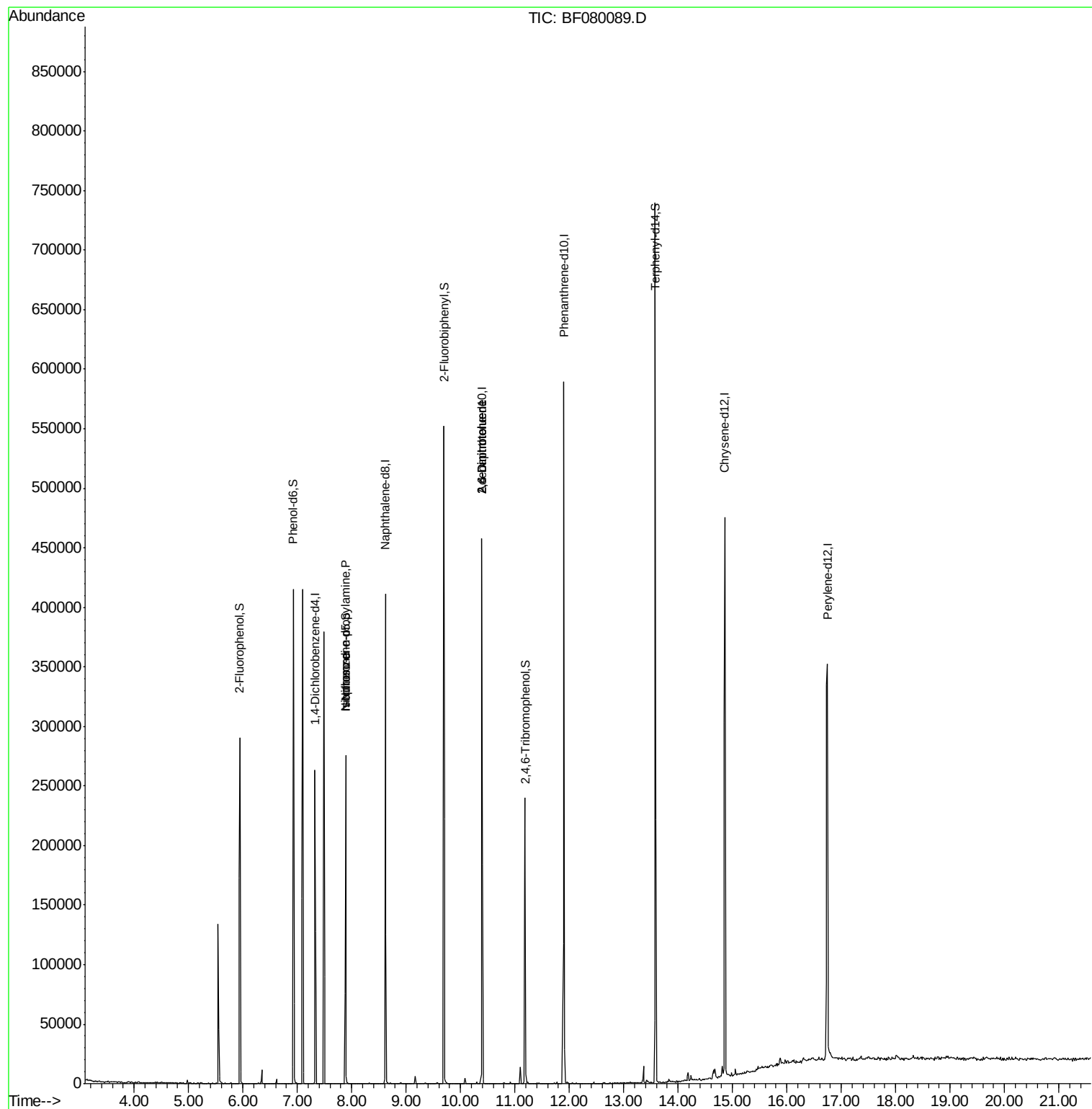
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	44615	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	183218	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	97745	20.00	ng	-0.01
63) Phenanthrene-d10	11.90	188	212178	20.00	ng	-0.01
75) Chrysene-d12	14.86	240	222920	20.00	ng	0.00
86) Perylene-d12	16.75	264	219950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	94237	37.39	ng	0.00
7) Phenol-d6	6.93	99	126548	37.73	ng	-0.01
23) Nitrobenzene-d5	7.89	82	85700	27.23	ng	-0.01
41) 2,4,6-Tribromophenol	11.19	330	39638	41.47	ng	-0.01
44) 2-Fluorobiphenyl	9.69	172	190345	27.77	ng	-0.01
78) Terphenyl-d14	13.58	244	253834	26.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	10729	4.61	ng	# 59
25) Isophorone	7.89	82	85695	13.53	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	11962	8.12	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	11964	6.40	ng	# 31

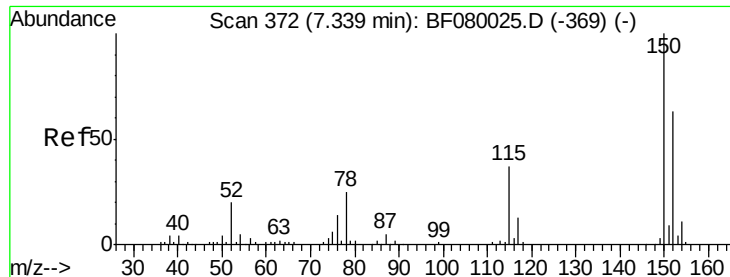
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 17 16:41:53 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

Instrument :

BNA_F

ClientSampleId :

DSN001RE

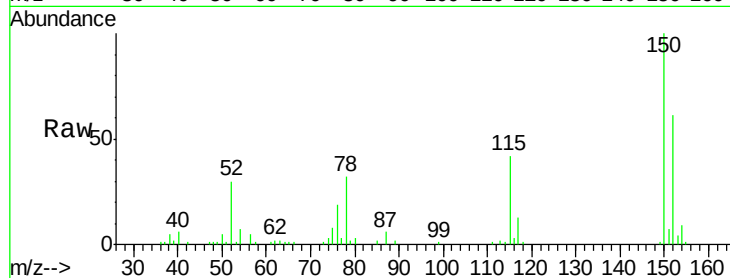
Tgt Ion:152 Resp: 44615

Ion Ratio Lower Upper

152 100

150 162.9 124.7 187.1

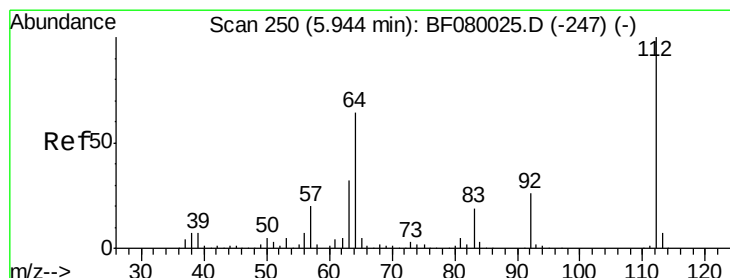
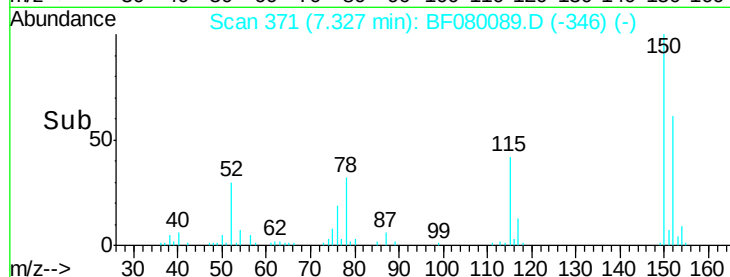
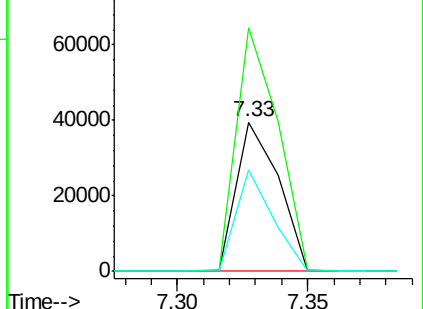
115 68.1 39.0 58.4#



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: 37.39 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

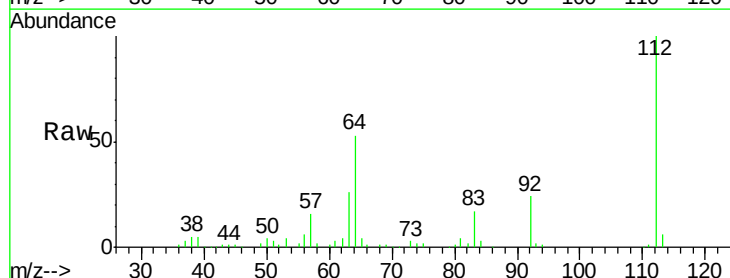
Tgt Ion:112 Resp: 94237

Ion Ratio Lower Upper

112 100

64 52.9 39.7 59.5

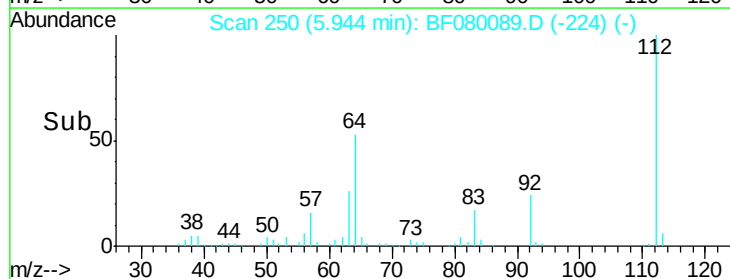
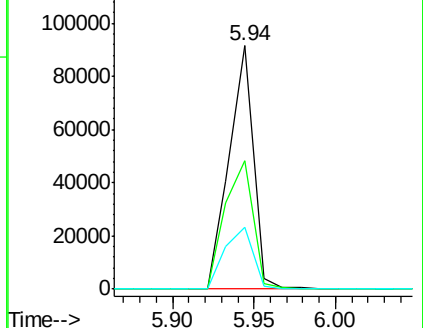
63 25.6 17.4 26.0

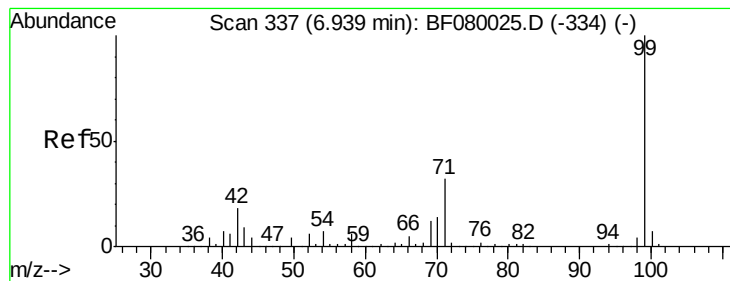


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.73 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

Instrument :

BNA_F

ClientSampleId :

DSN001RE

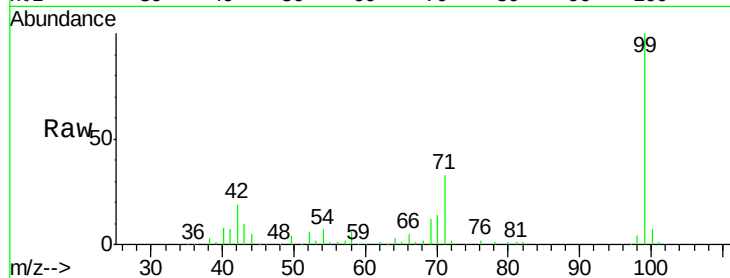
Tgt Ion: 99 Resp: 126548

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

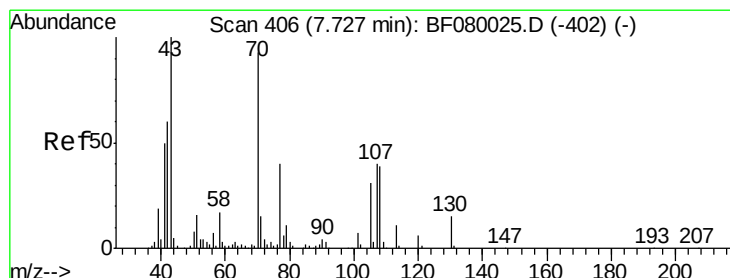
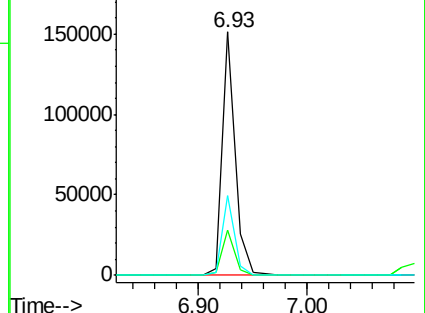
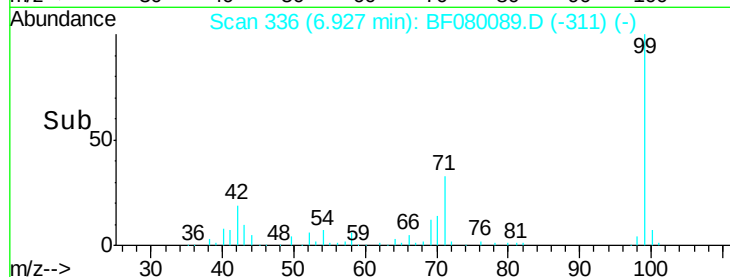
71 32.7 14.2 21.2#



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: 4.61 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.15 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

Tgt Ion: 70 Resp: 10729

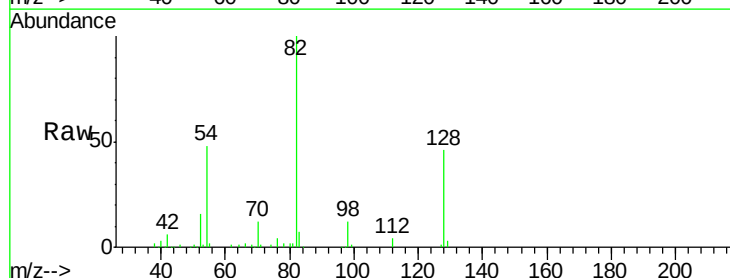
Ion Ratio Lower Upper

70 100

42 49.5 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

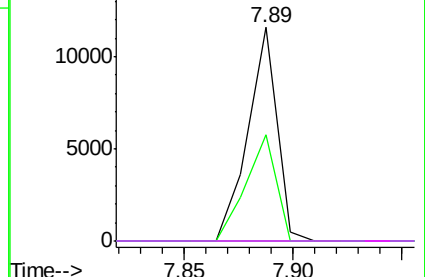
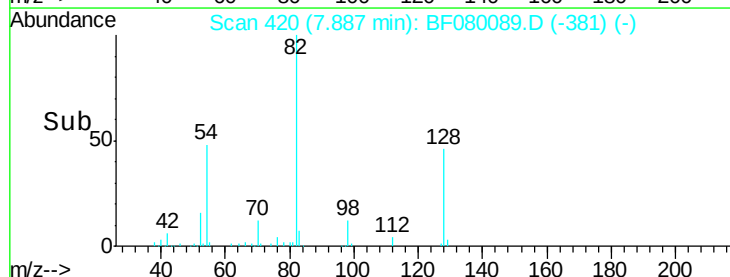


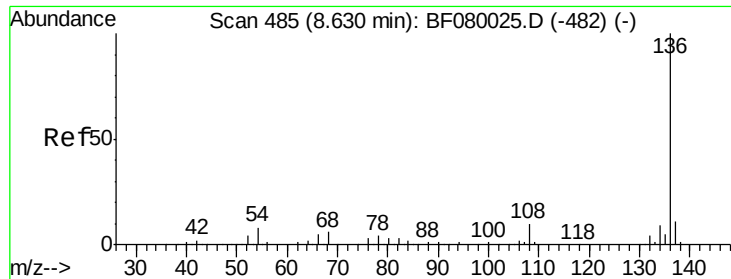
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

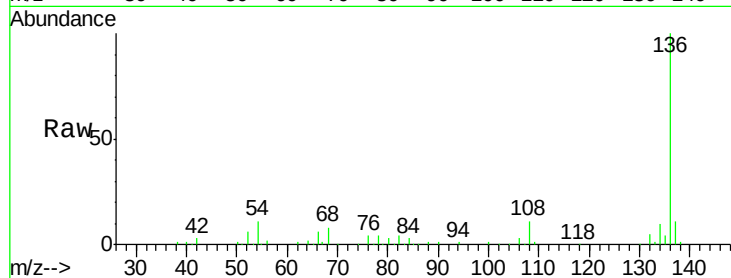




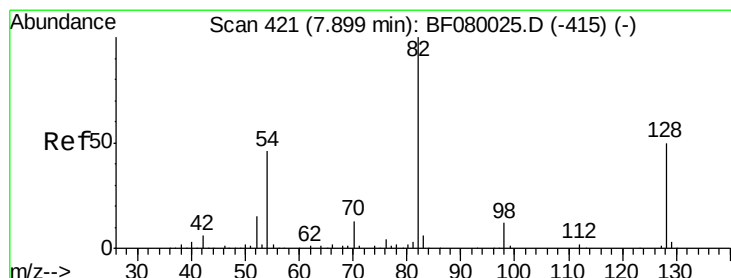
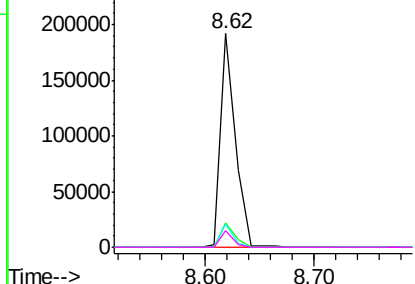
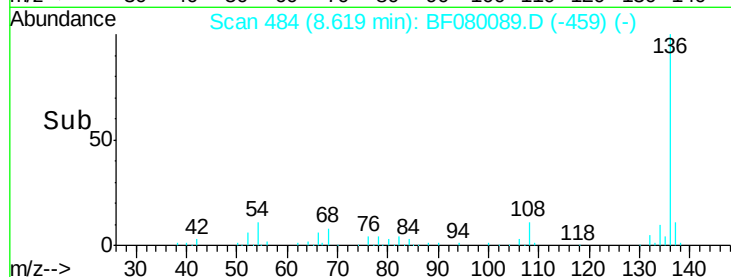
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080089.D
Acq: 20 Jun 2015 8:52

Instrument :
BNA_F
ClientSampleId :
DSN001RE

Tgt Ion:	136	Resp:	183218
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.6	8.2	12.2
68	7.8	5.8	8.6

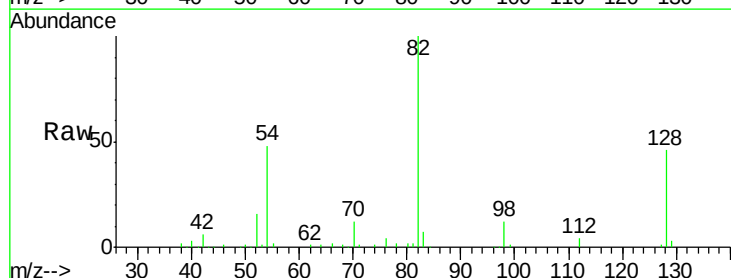


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

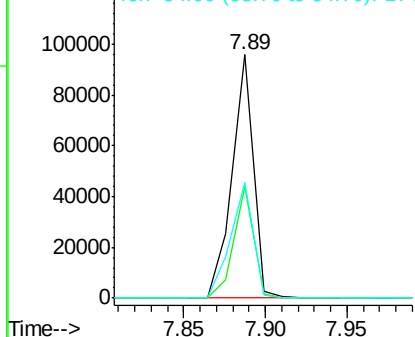
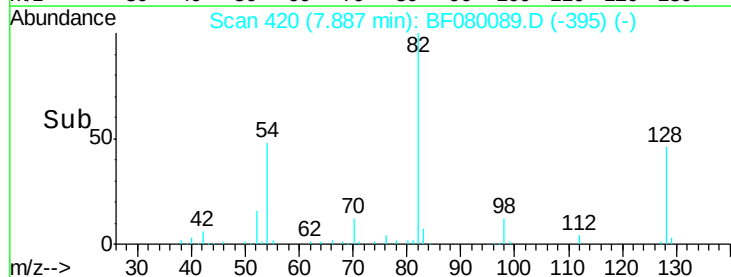


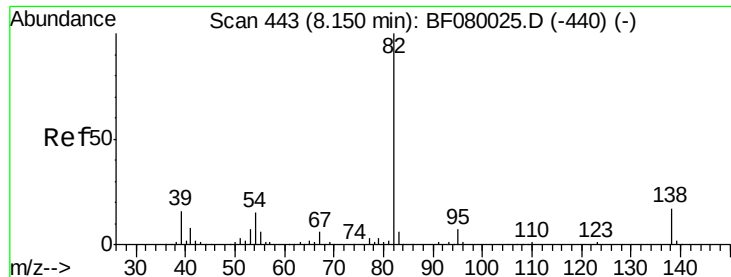
#23
Nitrobenzene-d5
Concen: 27.23 ng
RT: 7.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF080089.D
Acq: 20 Jun 2015 8:52

Tgt Ion:	82	Resp:	85700
Ion	Ratio	Lower	Upper
82	100		
128	46.1	51.0	76.6#
54	47.7	47.5	71.3



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: 13.53 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

Instrument :

BNA_F

ClientSampleId :

DSN001RE

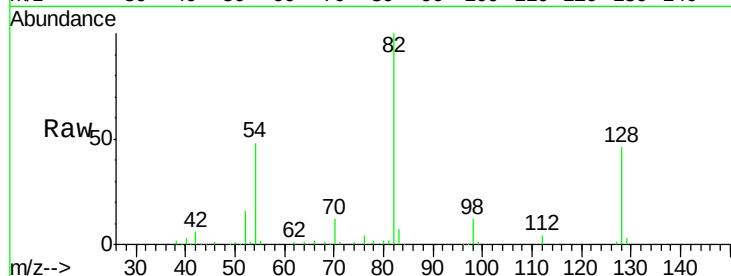
Tgt Ion: 82 Resp: 85695

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

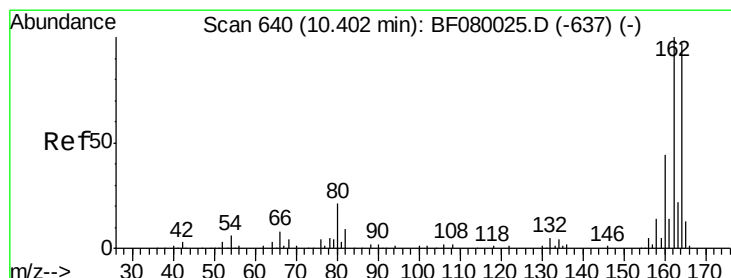
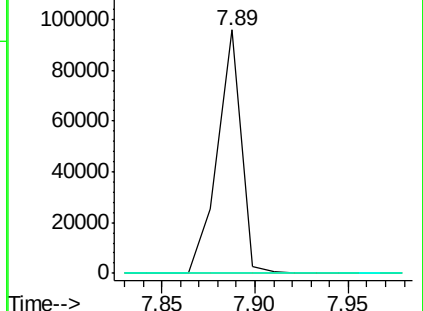
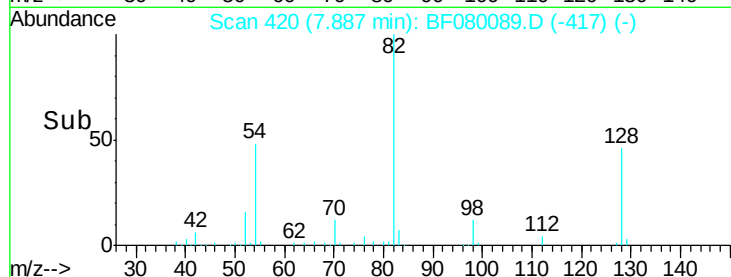
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080089.D (-417) (-)

Ion 95.00 (94.70 to 95.70): BF080089.D (-417) (-)

Ion 138.00 (137.70 to 138.70): BF080089.D (-417) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080089.D

Acq: 20 Jun 2015 8:52

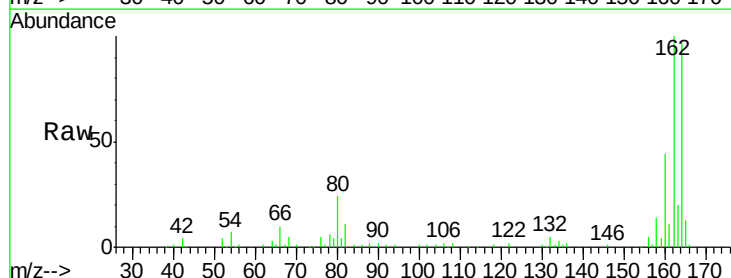
Tgt Ion: 164 Resp: 97745

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

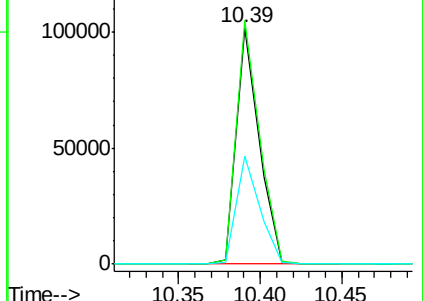
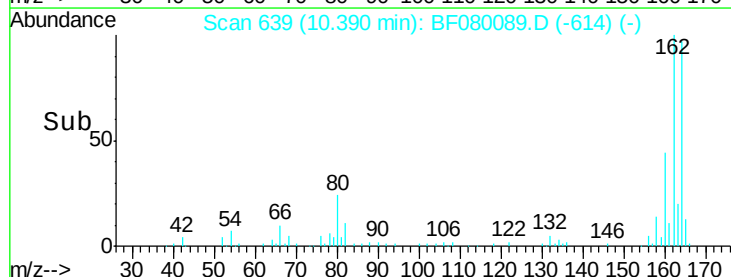
160 45.5 31.5 47.3

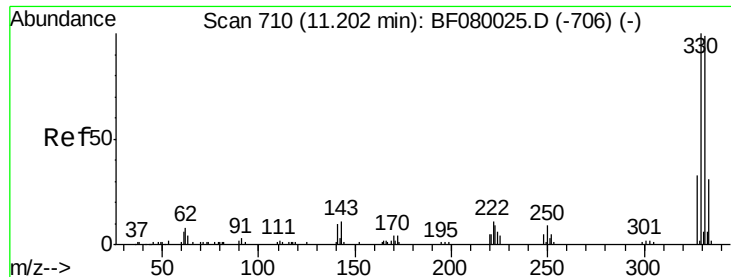


Abundance Ion 164.00 (163.70 to 164.70): BF080089.D (-614) (-)

Ion 162.00 (161.70 to 162.70): BF080089.D (-614) (-)

Ion 160.00 (159.70 to 160.70): BF080089.D (-614) (-)

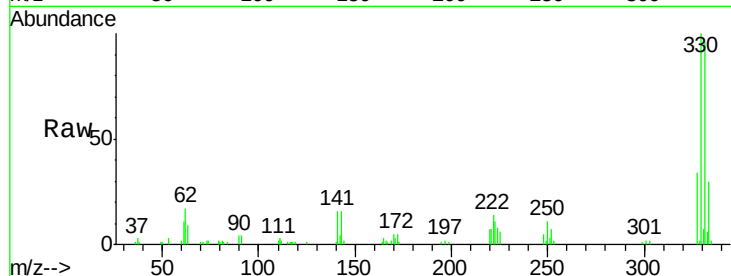




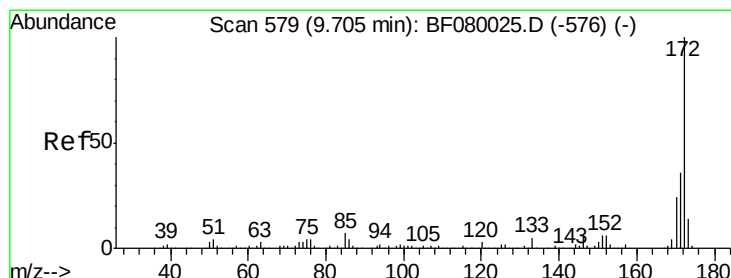
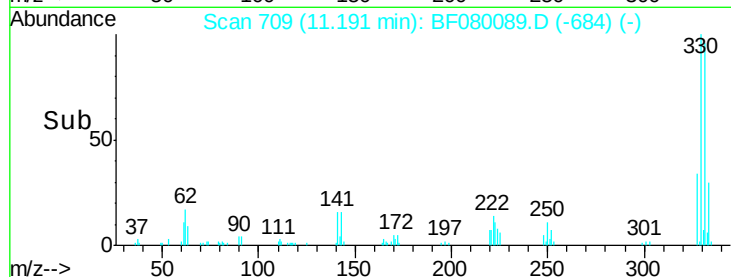
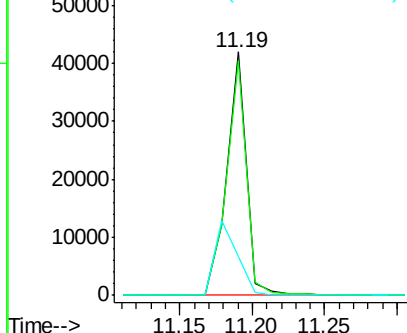
#41
 2,4,6-Tribromophenol
 Concen: 41.47 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

Instrument :
 BNA_F
 ClientSampled :
 DSN001RE

Tgt Ion:330 Resp: 39638
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 34.4 29.7 44.5

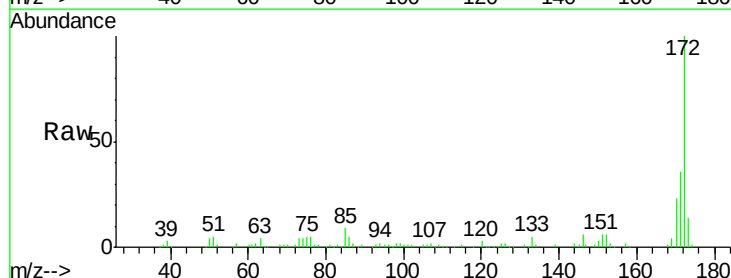


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

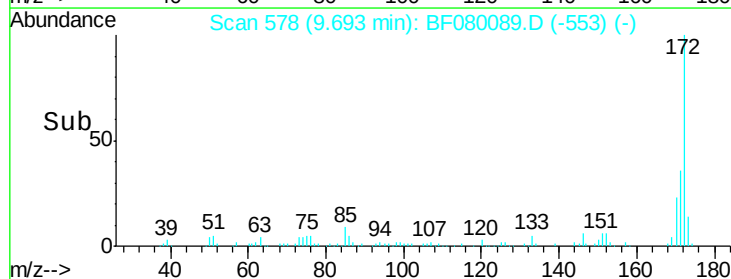
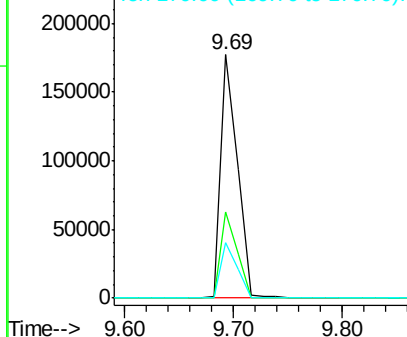


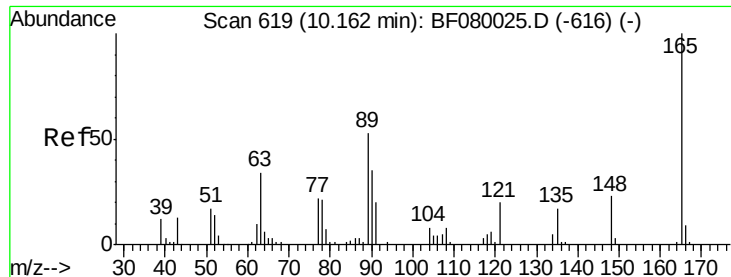
#44
 2-Fluorobiphenyl
 Concen: 27.77 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

Tgt Ion:172 Resp: 190345
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 22.6 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

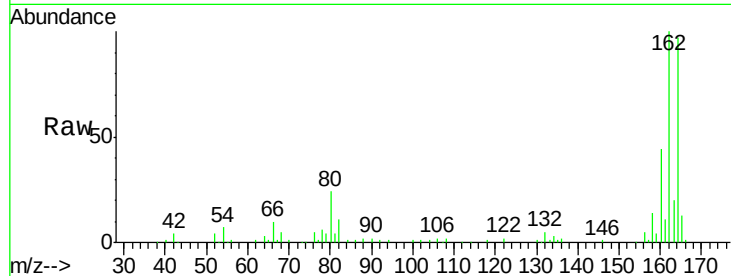




#50
 2,6-Dinitrotoluene
 Concen: 8.12 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

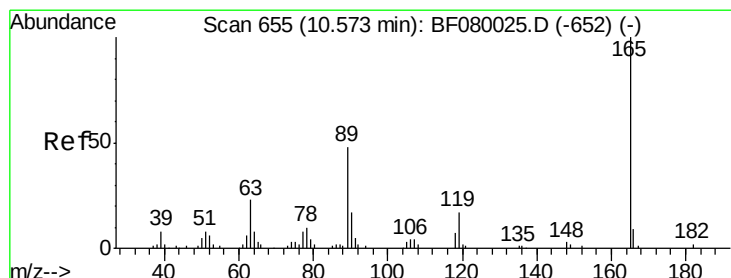
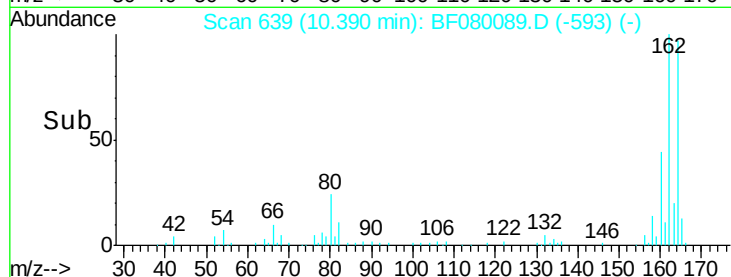
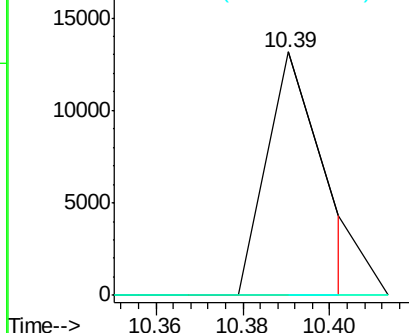
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

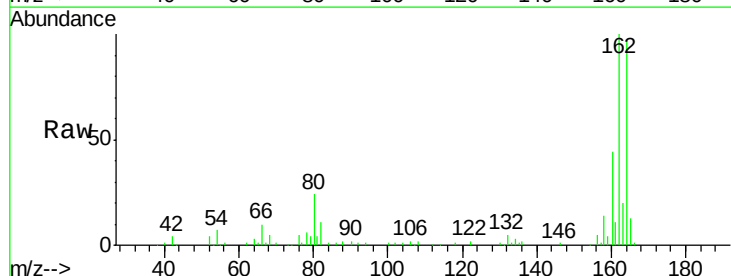
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

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#

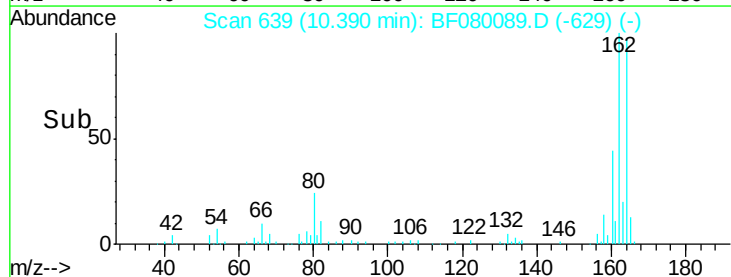
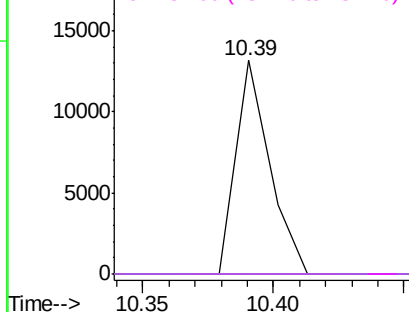


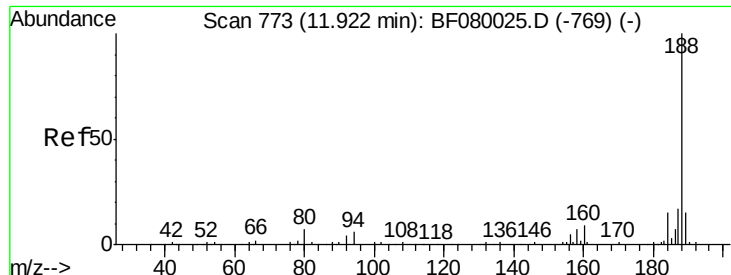
Abundance Ion 165.00 (164.70 to 165.70): E

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

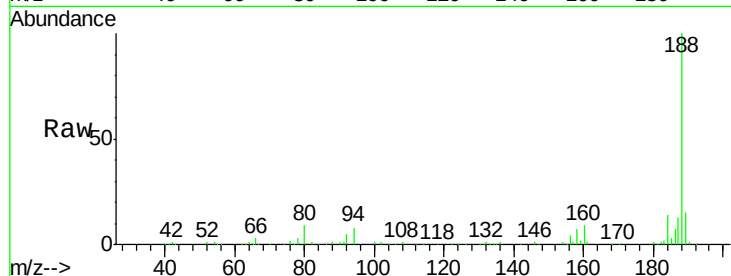




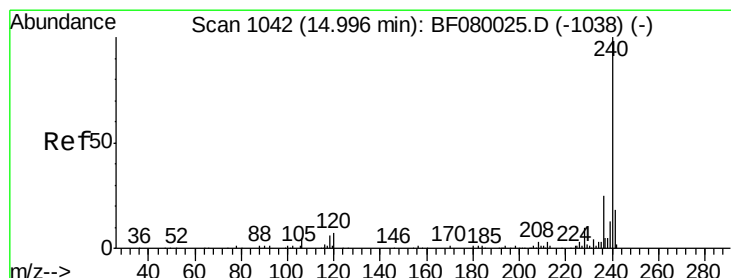
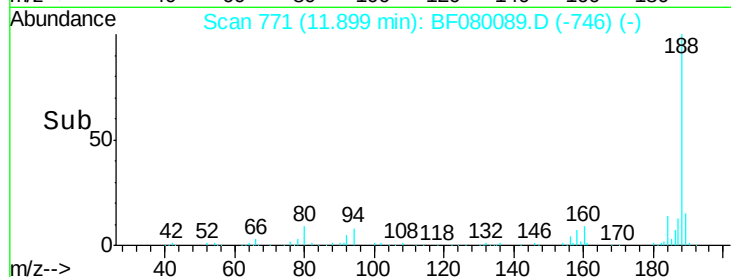
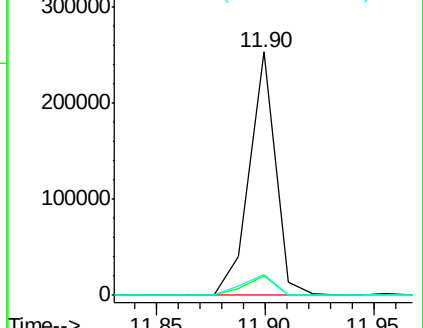
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080089.D
Acq: 20 Jun 2015 8:52

Instrument :
BNA_F
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DSN001RE

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	11.1	16.7#
80	8.6	11.0	16.4#

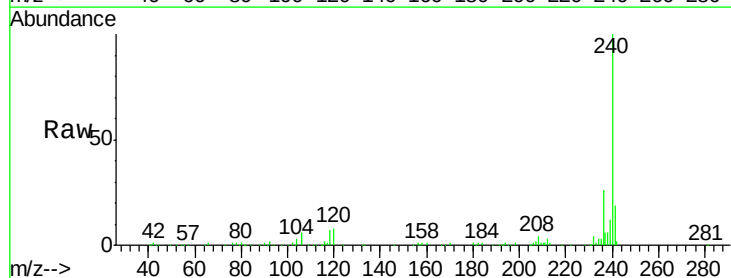


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

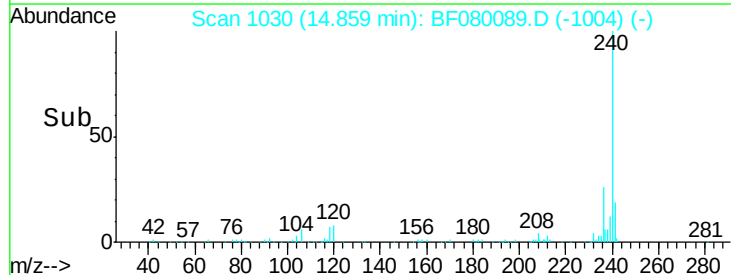
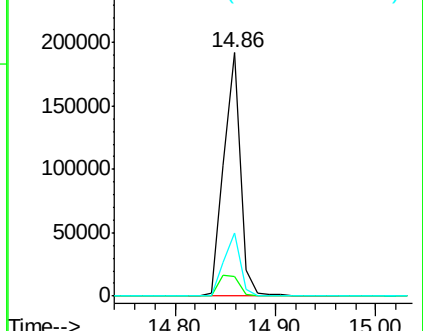


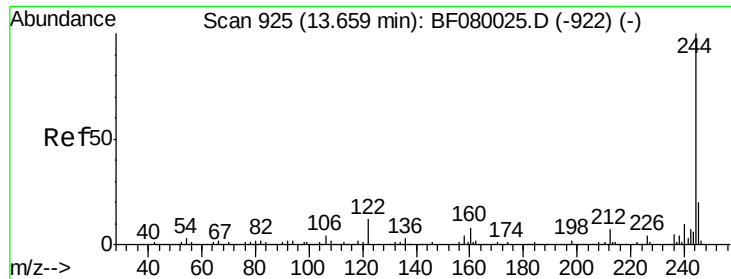
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF080089.D
Acq: 20 Jun 2015 8:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	16.2	24.2#
236	26.0	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

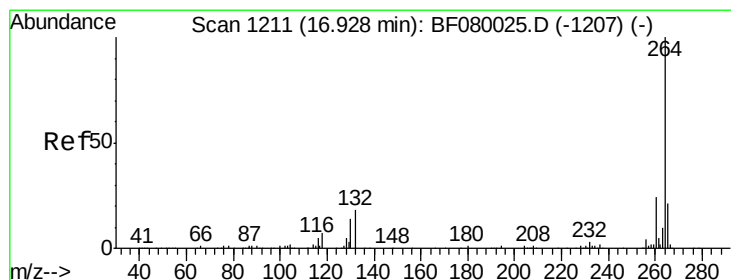
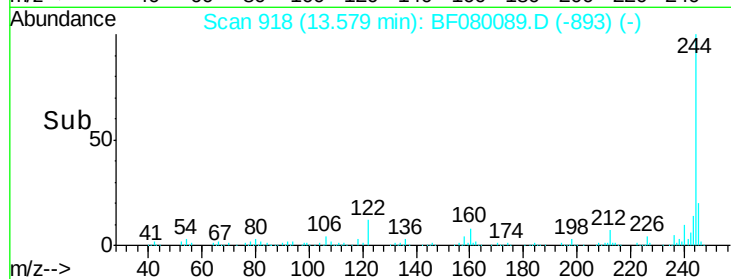
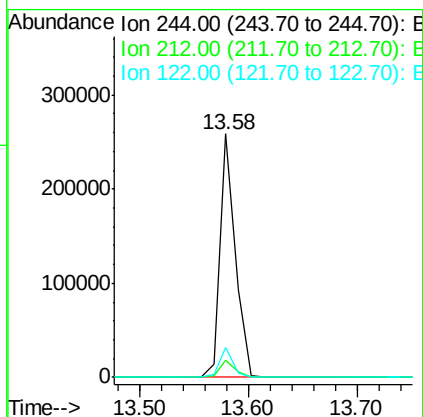
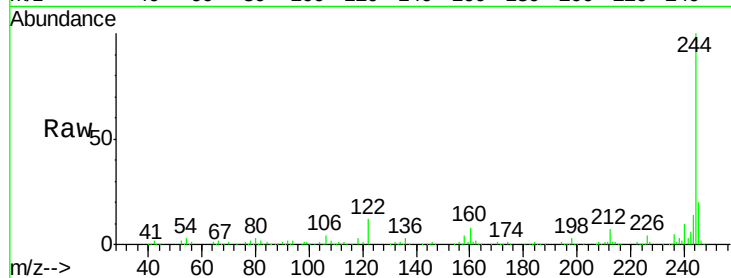




#78
 Terphenyl-d14
 Concen: 26.59 ng
 RT: 13.58 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

Instrument :
 BNA_F
 ClientSampleId :
 DSN001RE

Tgt Ion:244 Resp: 253834
 Ion Ratio Lower Upper
 244 100
 212 7.2 4.3 6.5#
 122 12.2 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF080089.D
 Acq: 20 Jun 2015 8:52

Tgt Ion:264 Resp: 219950
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.7 25.1
 265 21.3 17.2 25.8

