

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080047.D
 Acq On : 18 Jun 2015 15:33
 Operator : TP/IZ
 Sample : G2656-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Jun 19 01:34:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 01:33:10 2015
 Response via : Initial Calibration

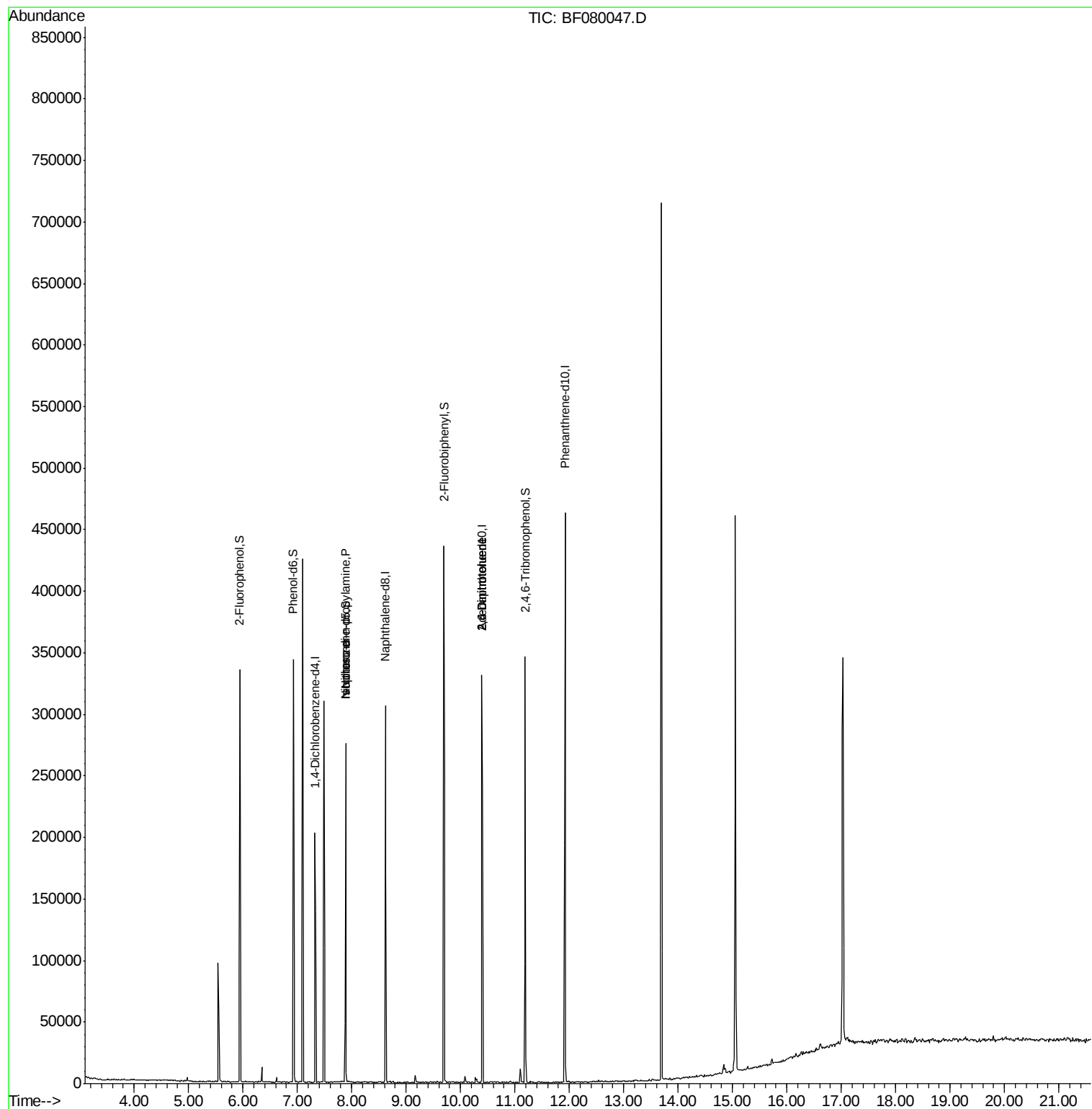
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	38657	20.00	ng	-0.01
21) Naphthalene-d8	8.62	136	160100	20.00	ng	-0.01
38) Acenaphthene-d10	10.39	164	83938	20.00	ng	-0.01
63) Phenanthrene-d10	11.92	188	190068	20.00	ng	-0.06
75) Chrysene-d12	0.00	240	0	0.00	ng	-15.41
86) Perylene-d12	0.00	264	0	0.00	ng	-17.59
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	89779	41.11	ng	0.00
7) Phenol-d6	6.93	99	108174	37.22	ng	-0.01
23) Nitrobenzene-d5	7.89	82	78616	28.59	ng	0.00
41) 2,4,6-Tribromophenol	11.19	330	40370	49.18	ng	-0.02
44) 2-Fluorobiphenyl	9.69	172	164550	27.96	ng	-0.01
78) Terphenyl-d14	13.69	244	235615	0.00	ng	-0.22
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.89	70	10096	5.00	ng	# 59
25) Isophorone	7.89	82	78614	14.20	ng	# 58
50) 2,6-Dinitrotoluene	10.39	165	10544	8.33	ng	# 37
56) 2,4-Dinitrotoluene	10.39	165	10543	6.57	ng	# 31

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

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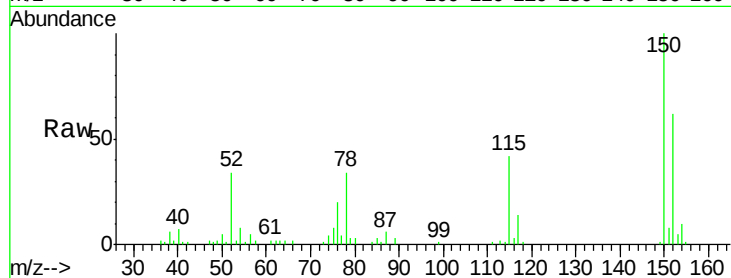


#1

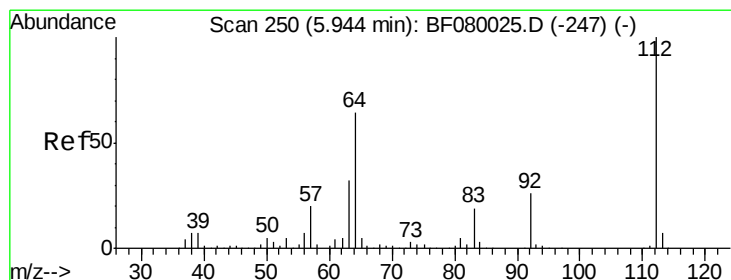
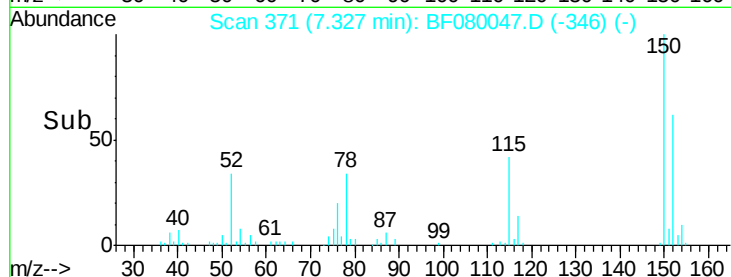
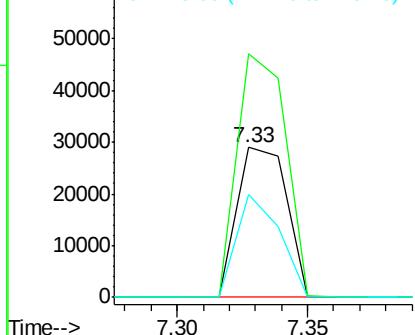
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 371
Delta R.T. -0.01 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:152 Resp: 38657
Ion Ratio Lower Upper
152 100
150 162.3 124.7 187.1
115 68.9 39.0 58.4#



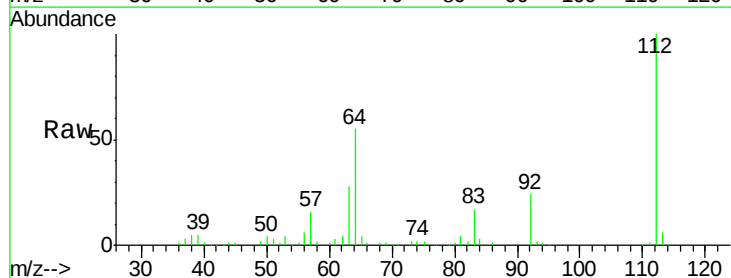
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



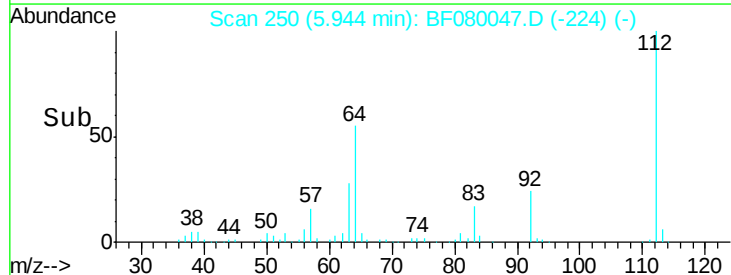
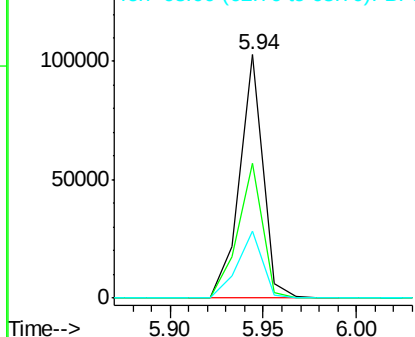
#5

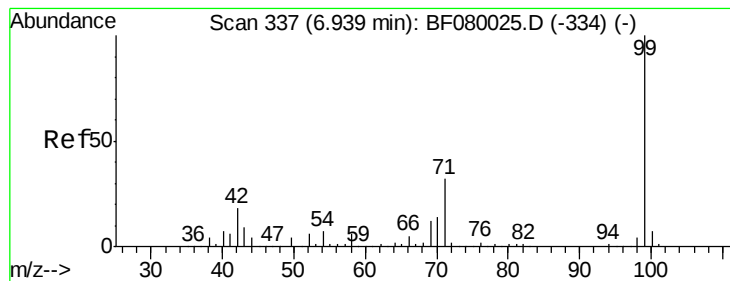
2-Fluorophenol
Concen: 41.11 ng
RT: 5.94 min Scan# 250
Delta R.T. 0.00 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

Tgt Ion:112 Resp: 89779
Ion Ratio Lower Upper
112 100
64 55.1 39.7 59.5
63 27.6 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: 37.22 ng

RT: 6.93 min Scan# 336

Delta R.T. -0.01 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

Instrument :

BNA_F

ClientSampleId :

DSN001

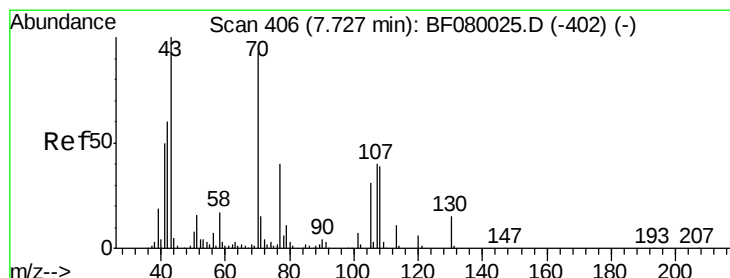
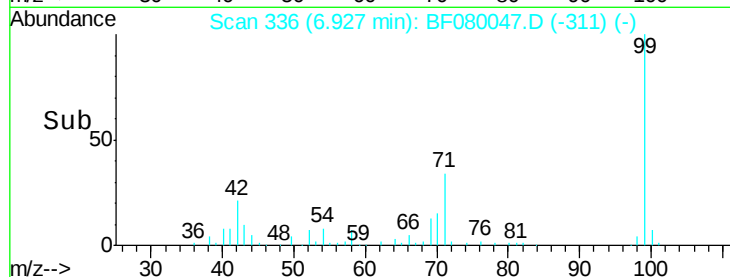
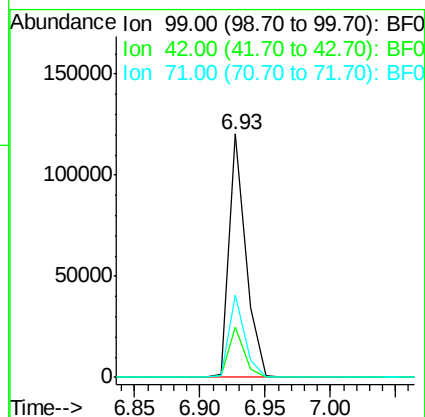
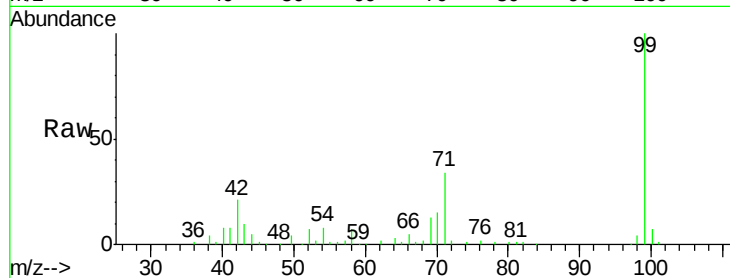
Tgt Ion: 99 Resp: 108174

Ion Ratio Lower Upper

99 100

42 20.7 13.7 20.5#

71 33.9 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 5.00 ng

RT: 7.89 min Scan# 420

Delta R.T. 0.16 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

Tgt Ion: 70 Resp: 10096

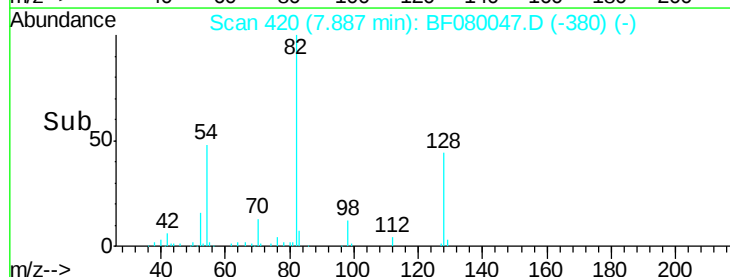
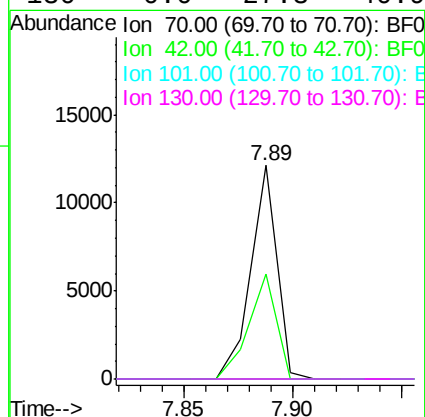
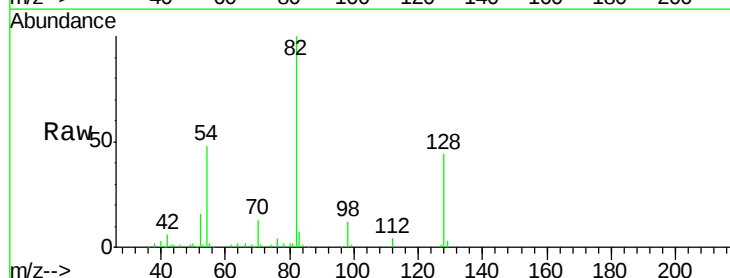
Ion Ratio Lower Upper

70 100

42 49.1 63.8 95.6#

101 0.0 9.2 13.8#

130 0.0 27.3 40.9#

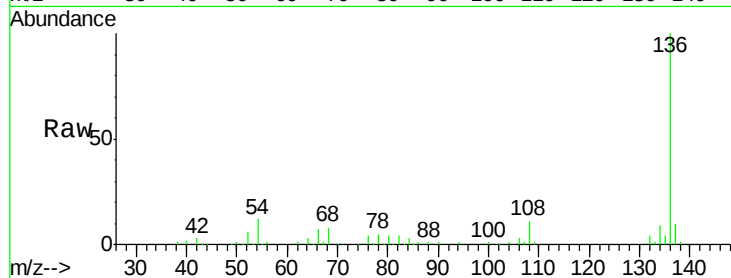




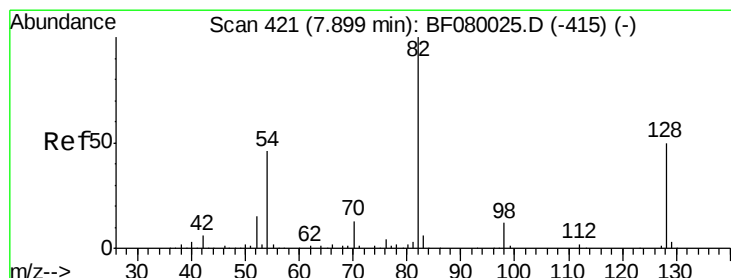
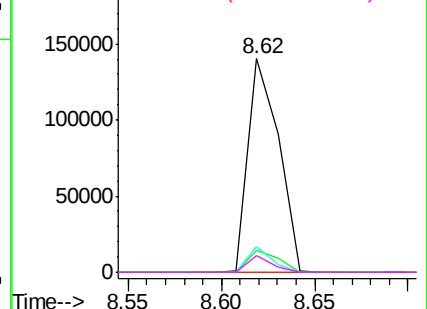
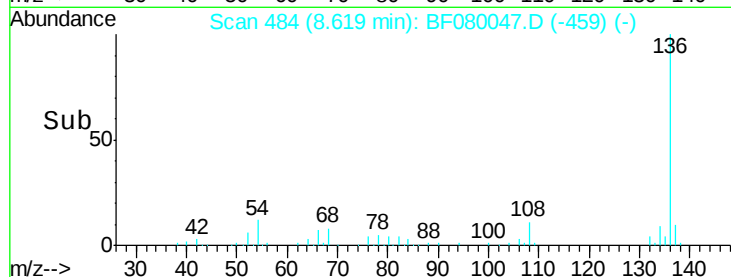
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:	136	Resp:	160100
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	11.8	8.2	12.2
68	7.8	5.8	8.6

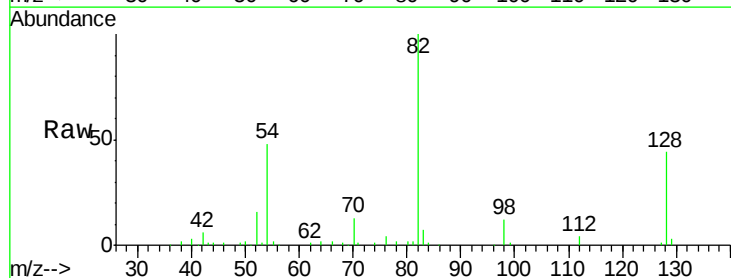


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

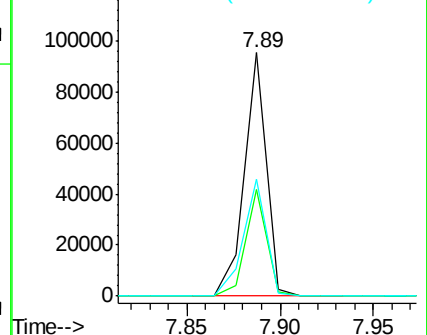
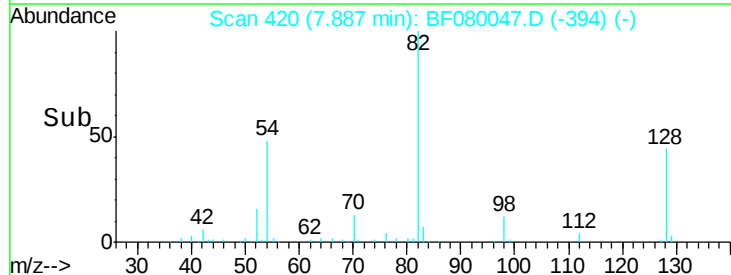


#23
Nitrobenzene-d5
Concen: 28.59 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

Tgt Ion:	82	Resp:	78616
Ion	Ratio	Lower	Upper
82	100		
128	44.0	51.0	76.6#
54	47.9	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: 14.20 ng

RT: 7.89 min Scan# 420

Delta R.T. -0.26 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

Instrument :

BNA_F

ClientSampleId :

DSN001

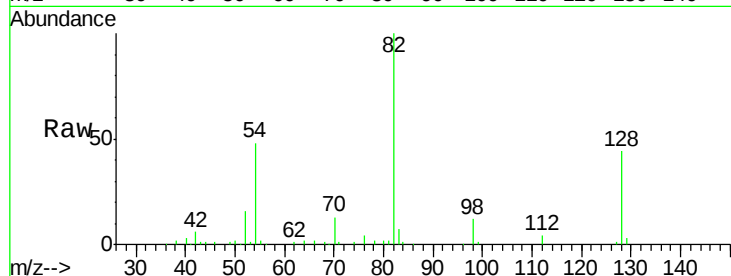
Tgt Ion: 82 Resp: 78614

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

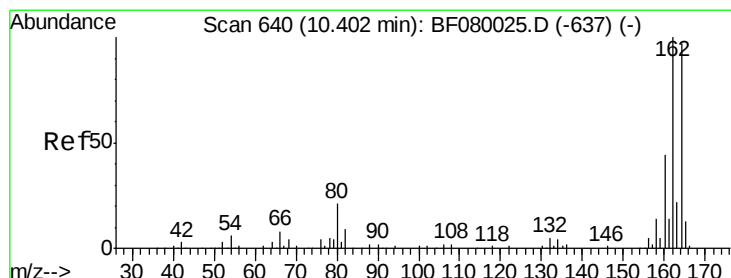
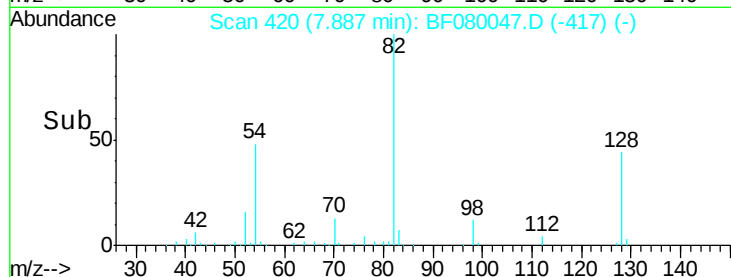
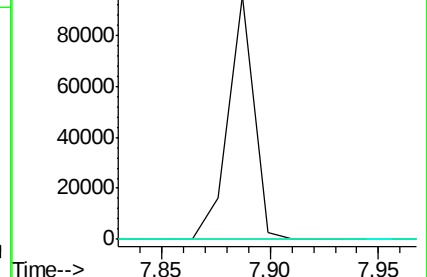
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF080025.D (-440) (-)

Ion 95.00 (94.70 to 95.70): BF080025.D (-440) (-)

Ion 138.00 (137.70 to 138.70): BF080025.D (-440) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

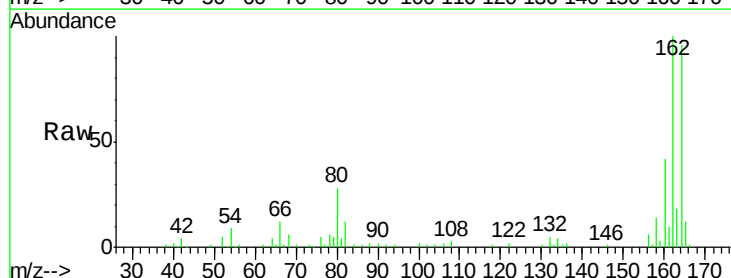
Tgt Ion: 164 Resp: 83938

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

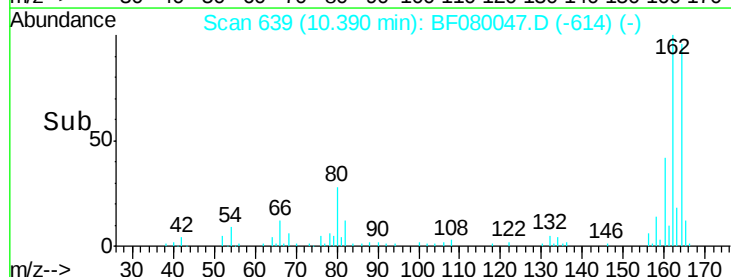
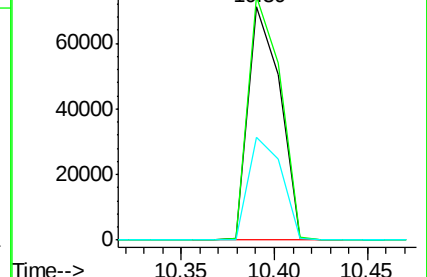
160 44.1 31.5 47.3

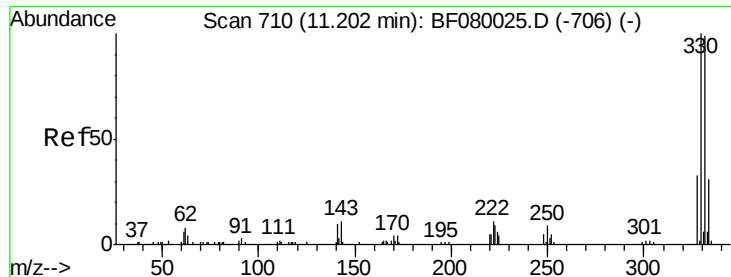


Abundance Ion 164.00 (163.70 to 164.70): BF080025.D (-637) (-)

Ion 162.00 (161.70 to 162.70): BF080025.D (-637) (-)

Ion 160.00 (159.70 to 160.70): BF080025.D (-637) (-)

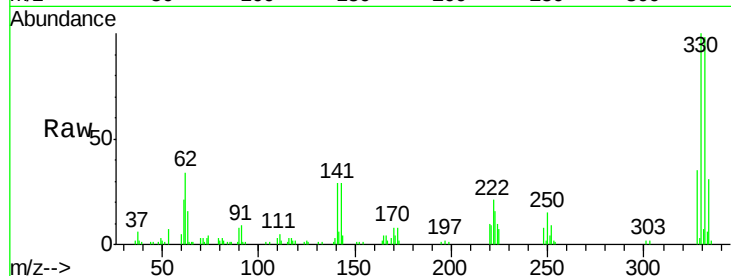




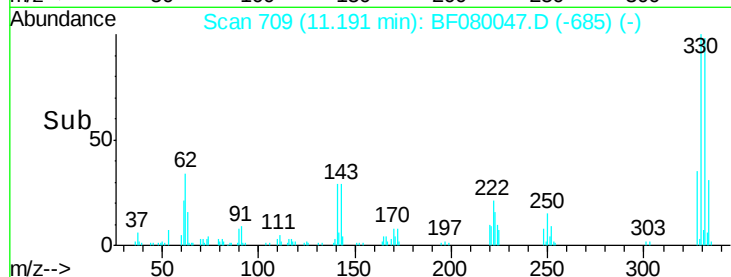
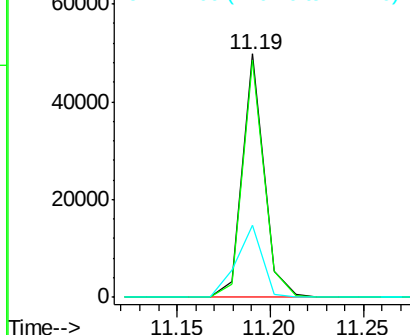
#41
 2,4,6-Tribromophenol
 Concen: 49.18 ng
 RT: 11.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF080047.D
 Acq: 18 Jun 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:330 Resp: 40370
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 35.4 29.7 44.5

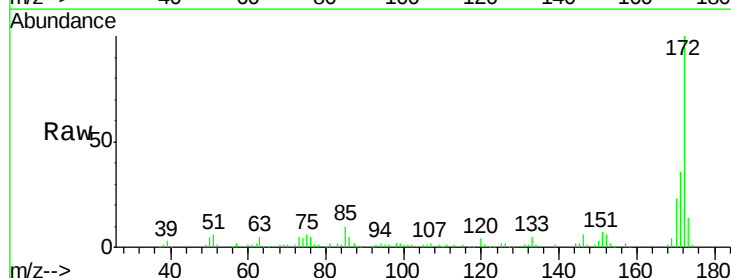


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

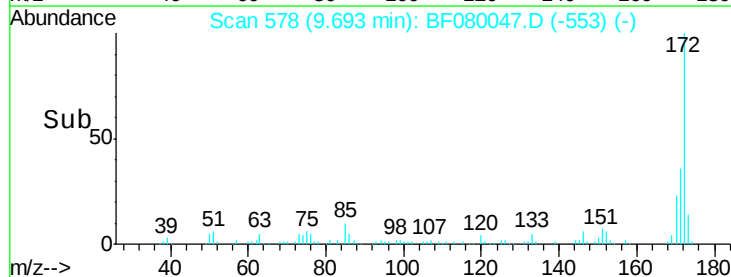
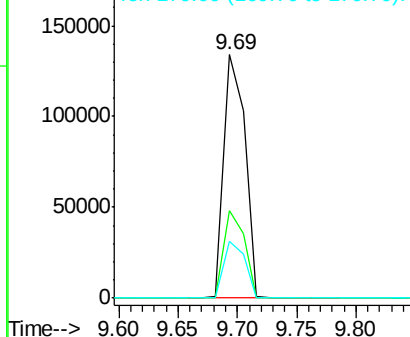


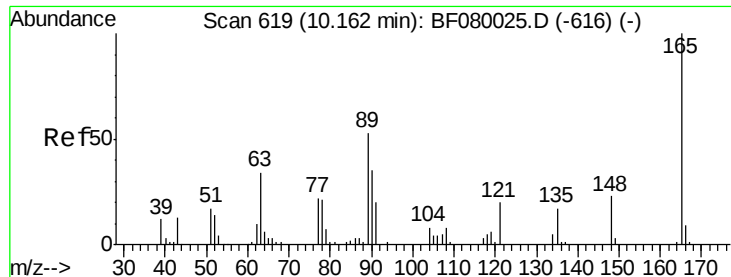
#44
 2-Fluorobiphenyl
 Concen: 27.96 ng
 RT: 9.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF080047.D
 Acq: 18 Jun 2015 15:33

Tgt Ion:172 Resp: 164550
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.1 39.1
 170 23.5 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

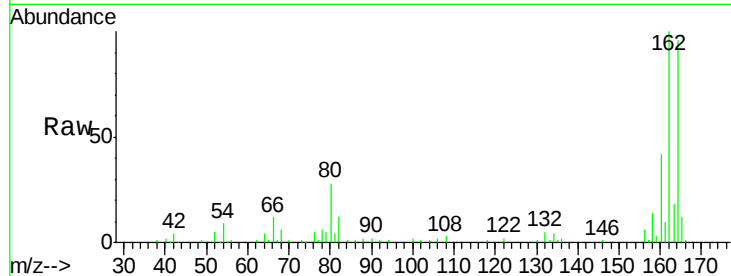




#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 10.39 min Scan# 639
 Delta R.T. 0.23 min
 Lab File: BF080047.D
 Acq: 18 Jun 2015 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

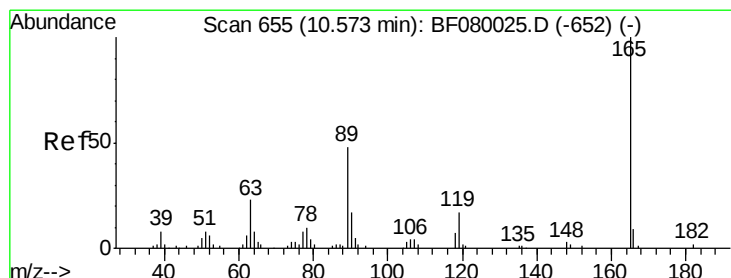
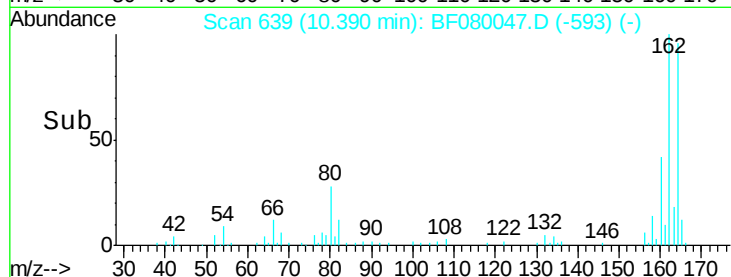
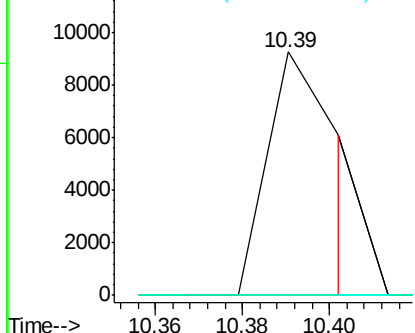
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

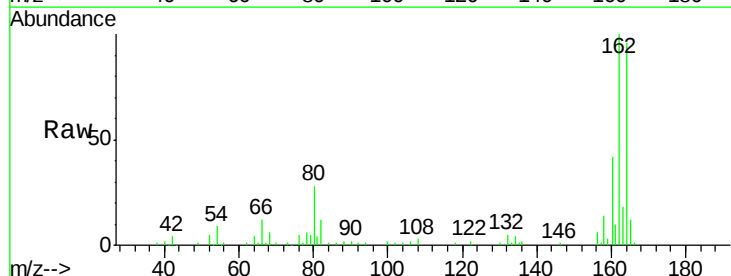
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.57 ng
 RT: 10.39 min Scan# 639
 Delta R.T. -0.18 min
 Lab File: BF080047.D
 Acq: 18 Jun 2015 15:33

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#

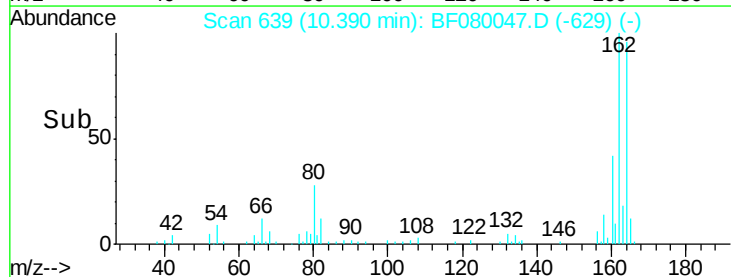
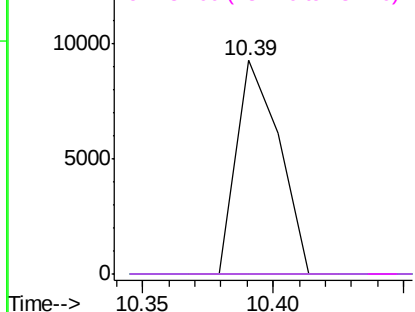


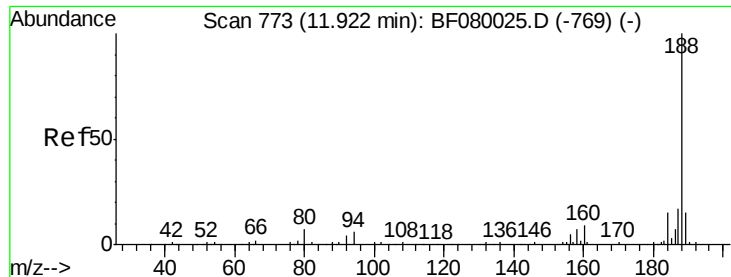
Abundance Ion 165.00 (164.70 to 165.70): E

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

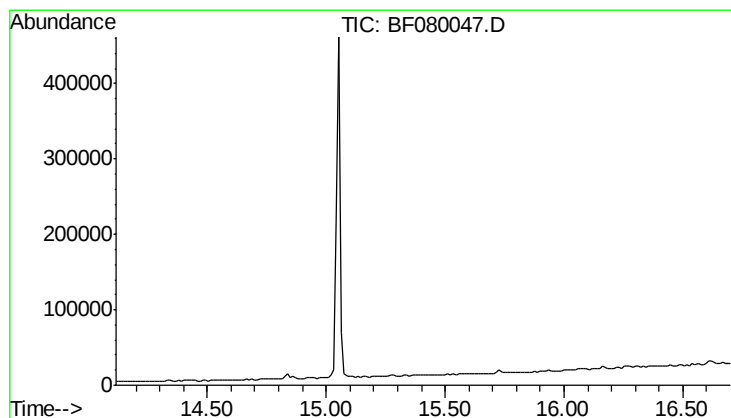
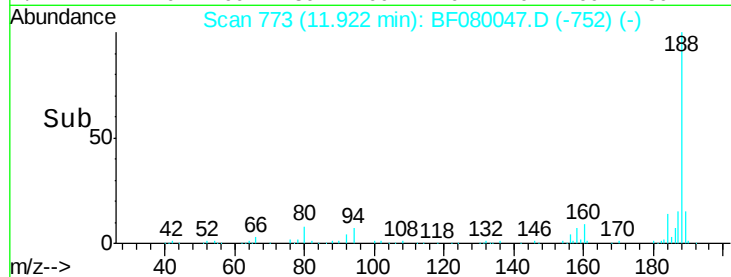
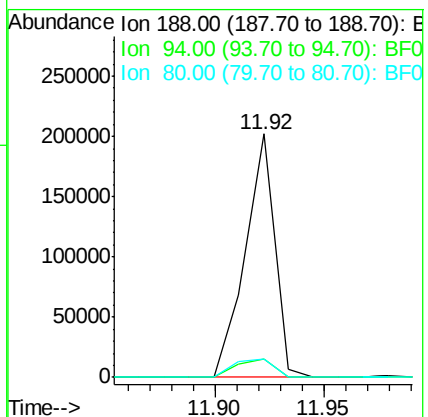
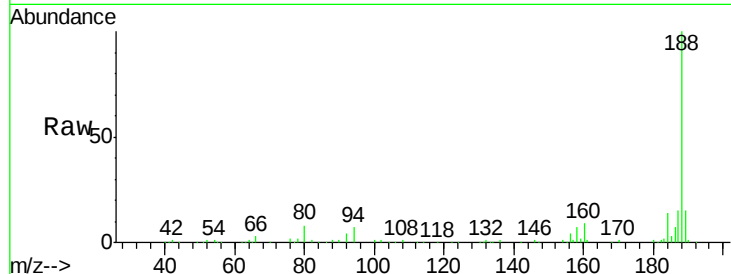




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. -0.06 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

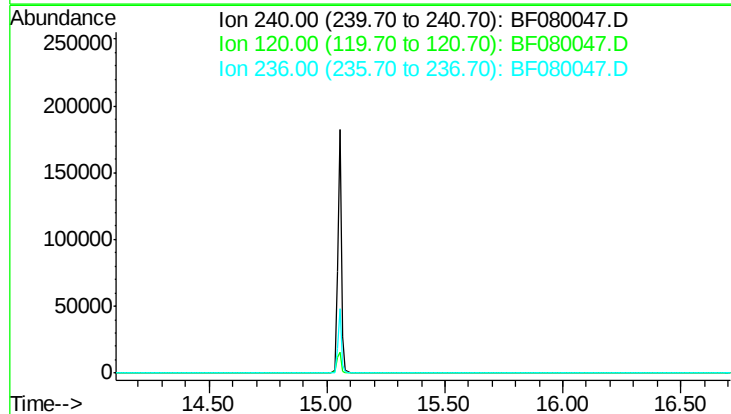
Instrument :
BNA_F
ClientSampleId :
DSN001

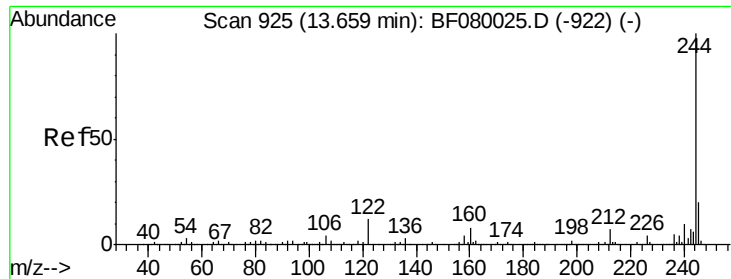
Tgt Ion:188 Resp: 190068
Ion Ratio Lower Upper
188 100
94 7.4 11.1 16.7#
80 7.6 11.0 16.4#



#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.41 min
Lab File: BF080047.D
Acq: 18 Jun 2015 15:33

Tgt Ion: 240
Sig Exp Ratio
240 100
120 20.2
236 23.0





#78

Terphenyl-d14

Concen: 0.00 ng

RT: 13.69 min Scan# 928

Delta R.T. -0.22 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

Instrument :

BNA_F

ClientSampleId :

DSN001

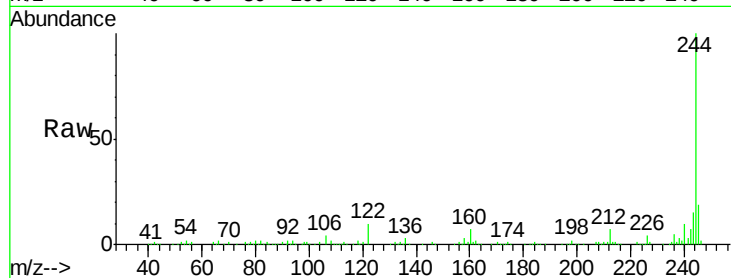
Tgt Ion: 244 Resp: 235615

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

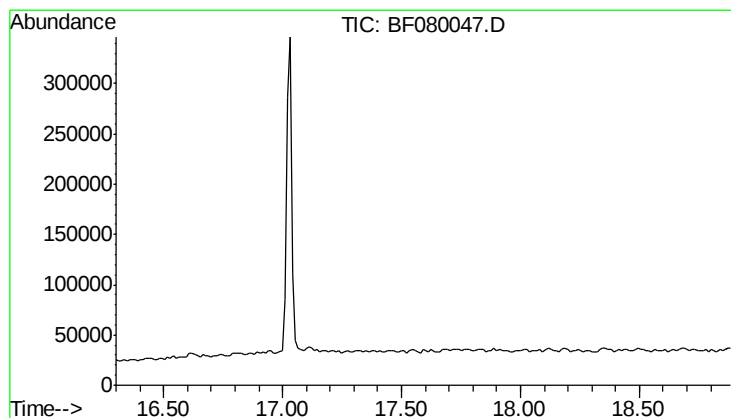
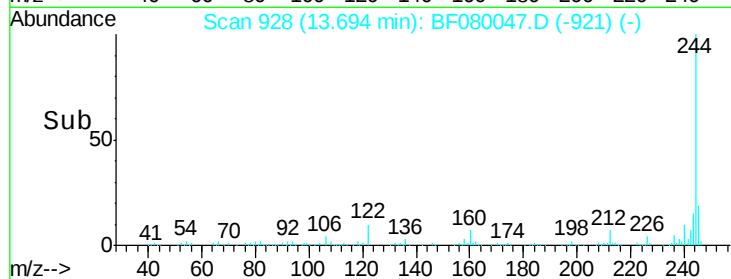
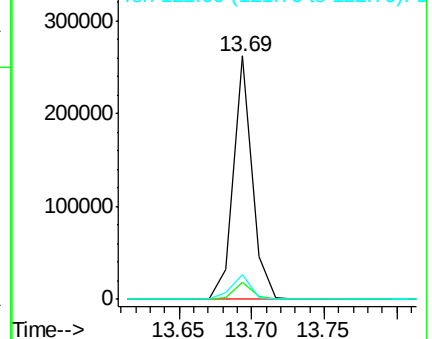
122 10.1 17.4 26.2#



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: 0.00 ng

Expected RT: 17.59 min

Lab File: BF080047.D

Acq: 18 Jun 2015 15:33

Tgt Ion: 264

Sig Exp Ratio

264 100

260 20.9

265 21.5

