

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083258.D
 Acq On : 25 Nov 2015 1:36
 Operator : UM/IZ
 Sample : G4533-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Nov 25 02:38:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	172817	20.00	ng	-0.06
21) Naphthalene-d8	7.90	136	667765	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	336770	20.00	ng	-0.06
63) Phenanthrene-d10	11.12	188	606628	20.00	ng	-0.06
75) Chrysene-d12	13.75	240	477697	20.00	ng	-0.06
86) Perylene-d12	15.10	264	356154	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	558723	48.88	ng	-0.08
7) Phenol-d6	6.27	99	451151	30.50	ng	-0.07
23) Nitrobenzene-d5	7.18	82	1252372	85.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.43	330	406648	118.03	ng	-0.06
44) 2-Fluorobiphenyl	8.98	172	2041214	84.52	ng	-0.05
78) Terphenyl-d14	12.71	244	1765123	87.01	ng	-0.06

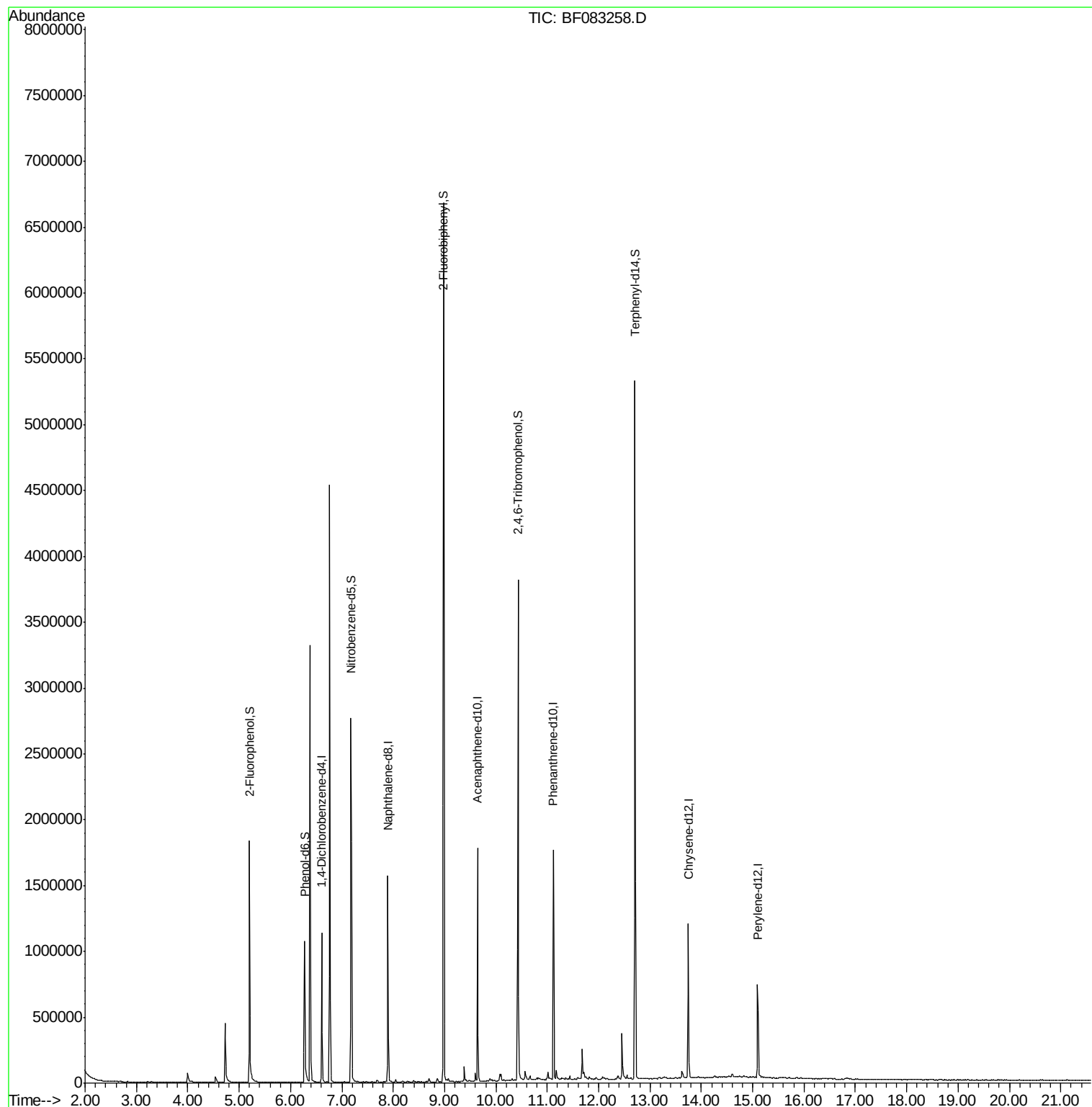
Target Compounds	Qvalue
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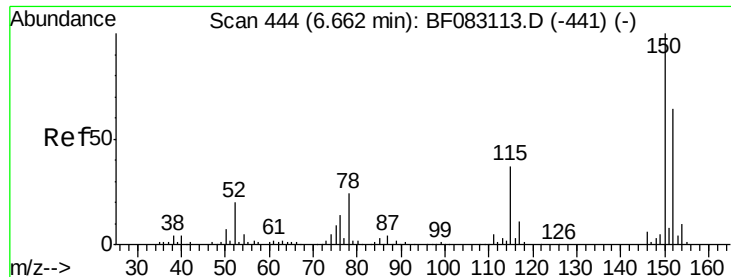
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 25 02:38:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
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QLast Update : Sun Nov 22 09:22:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSN001

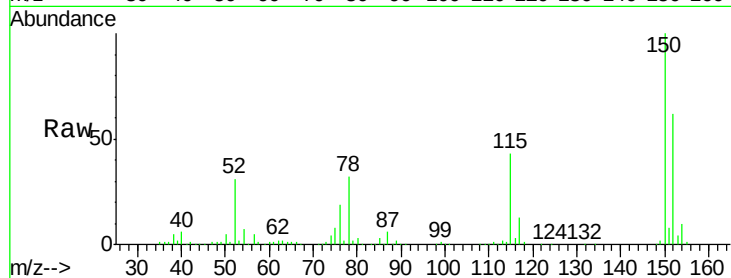
Tgt Ion:152 Resp: 172817

Ion Ratio Lower Upper

152 100

150 162.5 125.8 188.8

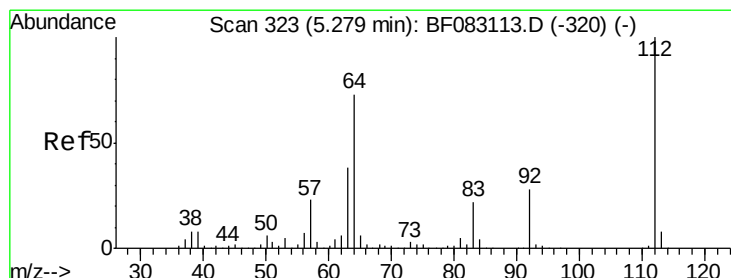
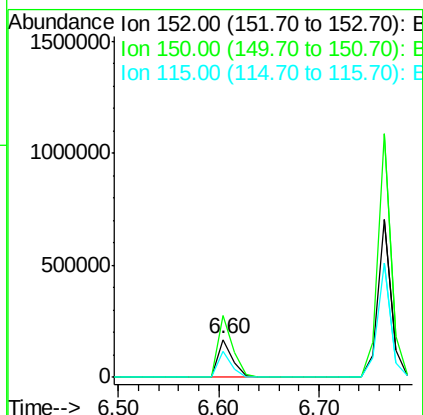
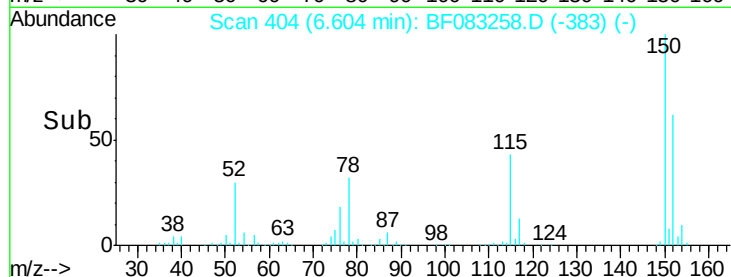
115 69.9 46.9 70.3



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: 48.88 ng

RT: 5.20 min Scan# 281

Delta R.T. -0.08 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

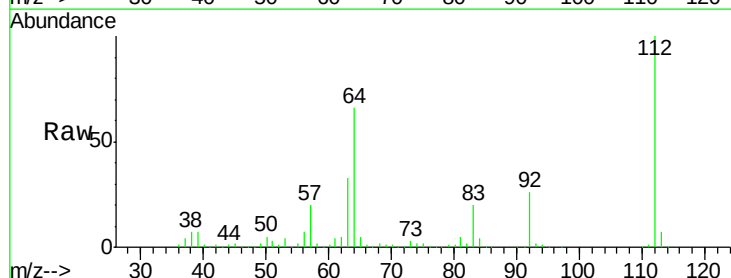
Tgt Ion:112 Resp: 558723

Ion Ratio Lower Upper

112 100

64 66.3 58.4 87.6

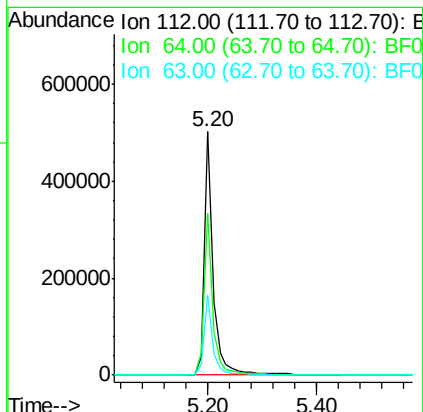
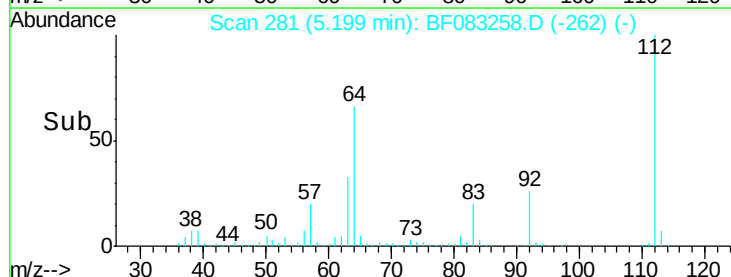
63 33.0 30.0 45.0

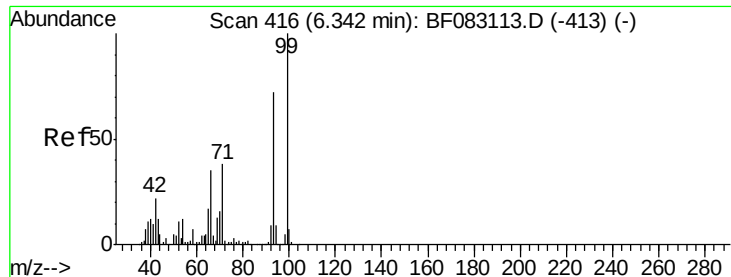


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.50 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Instrument :

BNA_F

ClientSampled :

DSN001

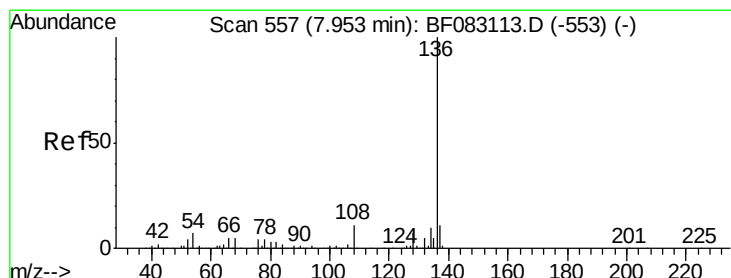
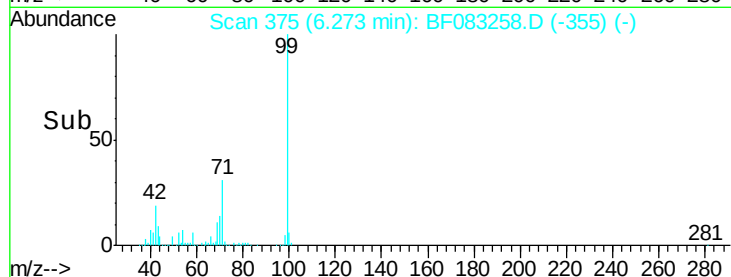
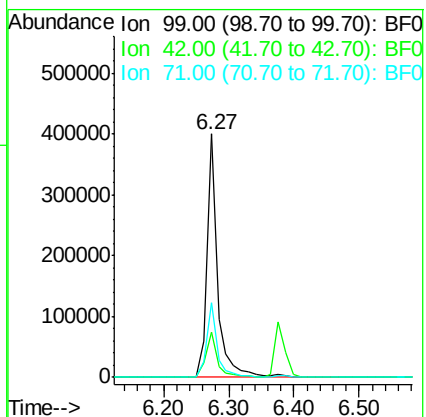
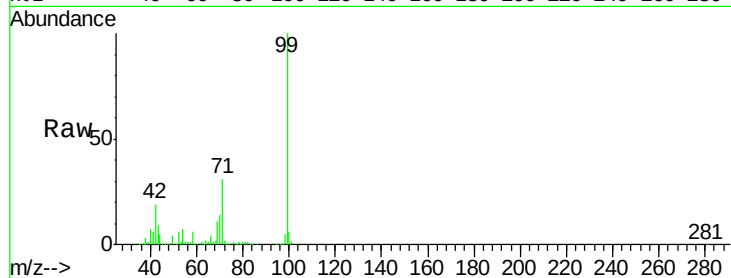
Tgt Ion: 99 Resp: 451151

Ion Ratio Lower Upper

99 100

42 18.6 17.7 26.5

71 30.9 30.2 45.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 517

Delta R.T. -0.06 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Tgt Ion: 136 Resp: 667765

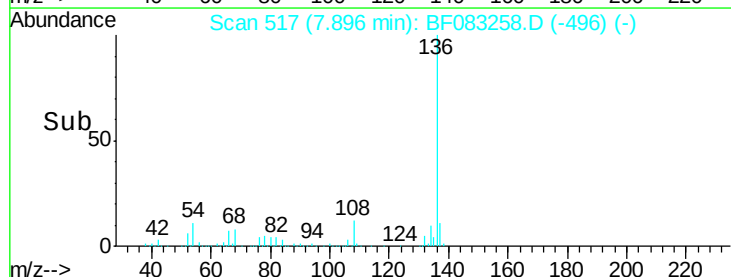
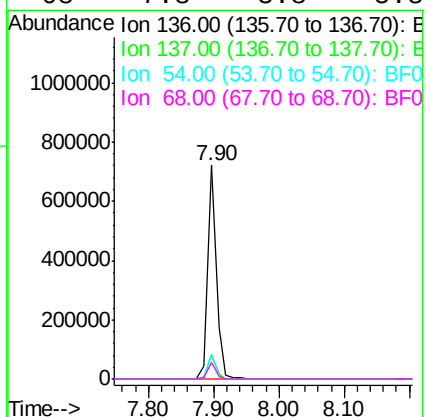
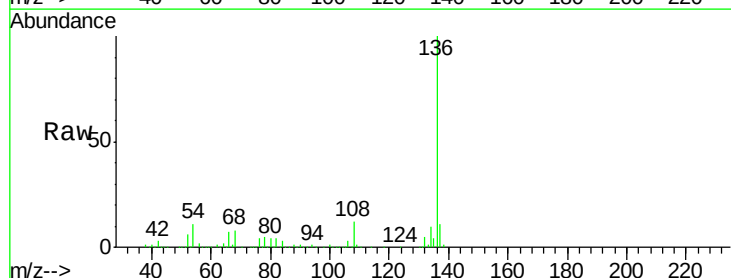
Ion Ratio Lower Upper

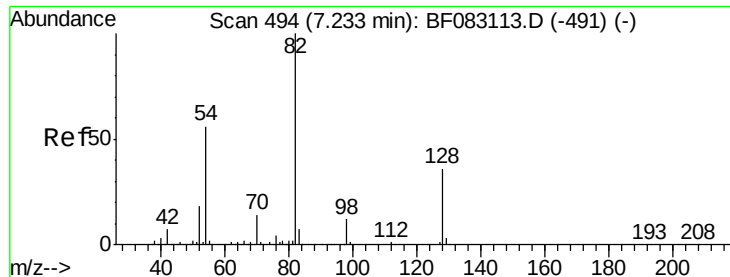
136 100

137 11.4 8.7 13.1

54 11.2 5.8 8.6#

68 7.8 3.8 5.8#

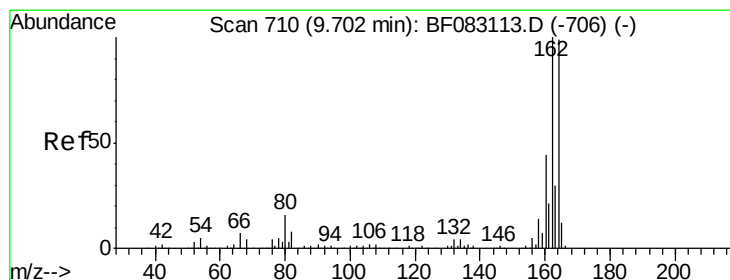
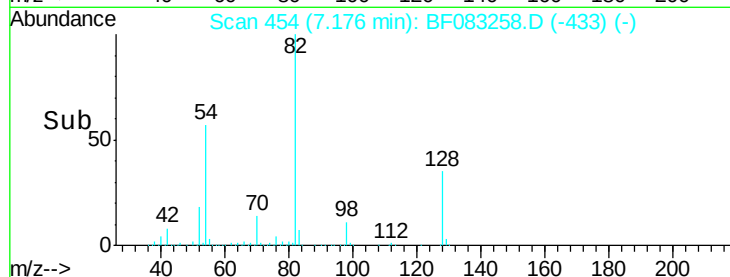
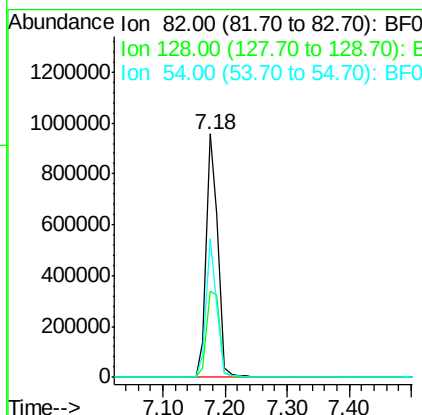
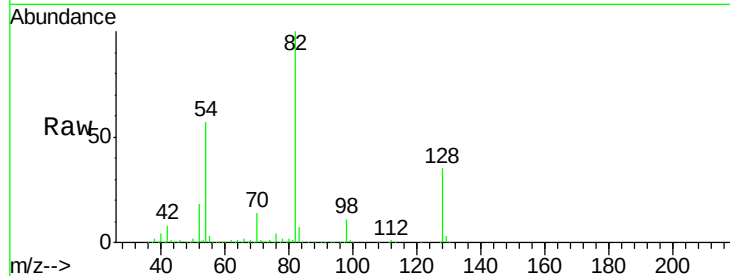




#23
 Nitrobenzene-d5
 Concen: 85.70 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.06 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

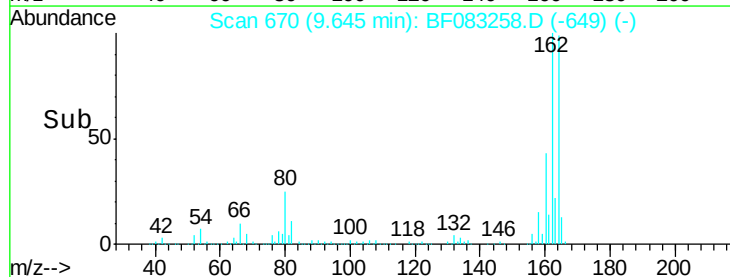
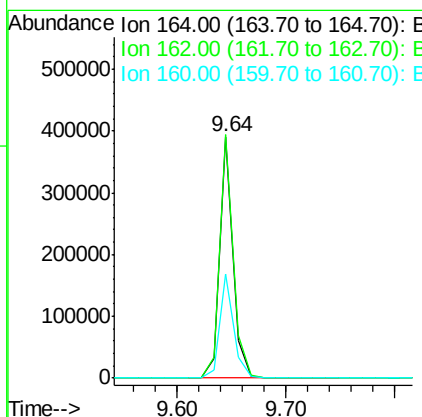
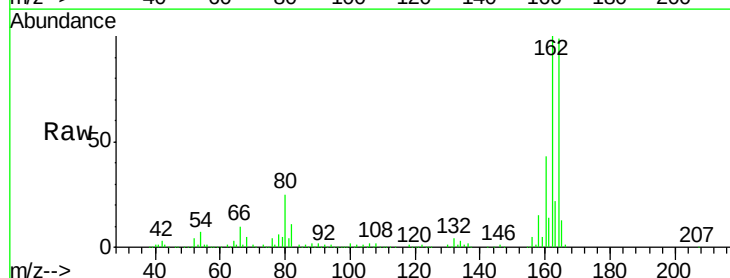
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

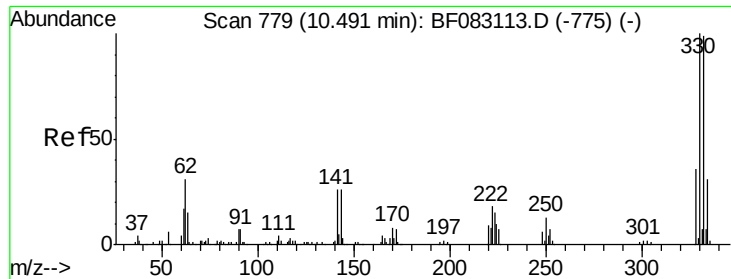
Tgt Ion: 82 Resp: 1252372
 Ion Ratio Lower Upper
 82 100
 128 35.3 28.5 42.7
 54 57.0 44.6 67.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.64 min Scan# 670
 Delta R.T. -0.06 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Tgt Ion: 164 Resp: 336770
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.2 121.8
 160 43.2 35.6 53.4

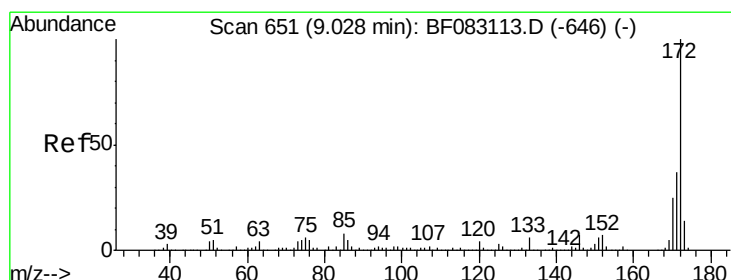
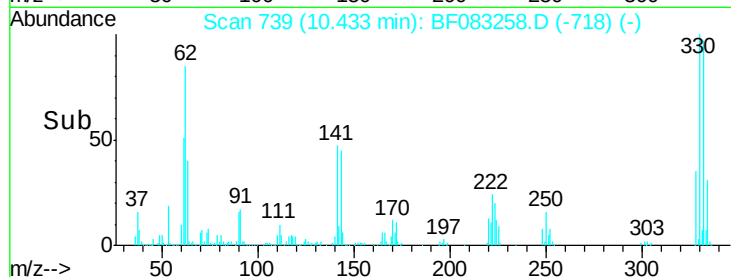
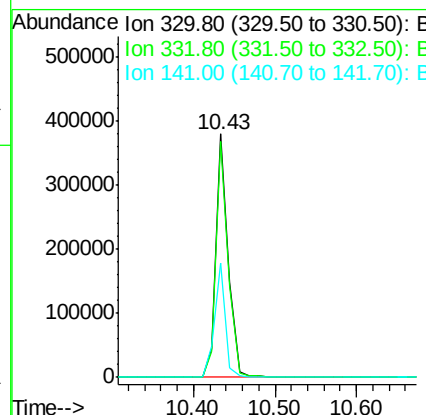
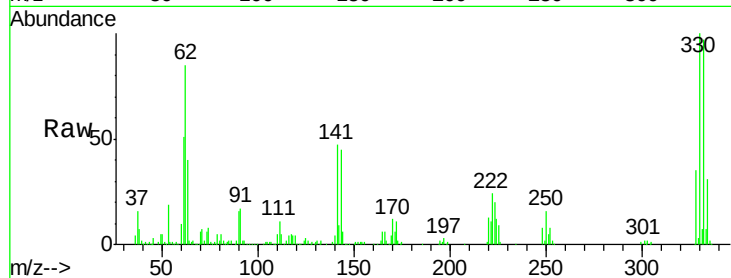




#41
 2,4,6-Tribromophenol
 Concen: 118.03 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.06 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

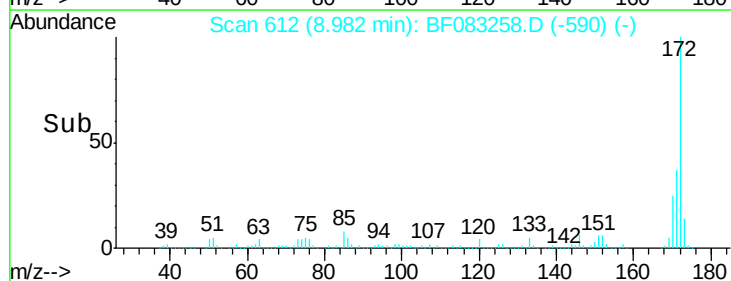
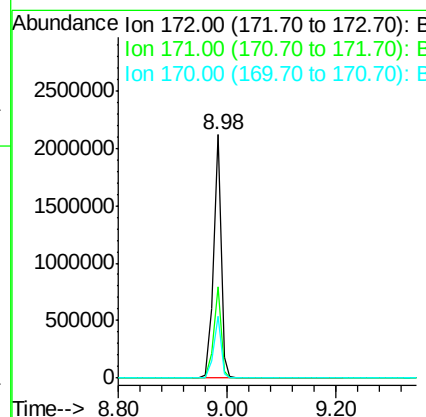
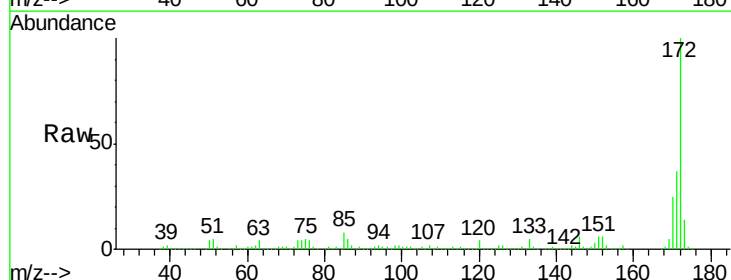
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

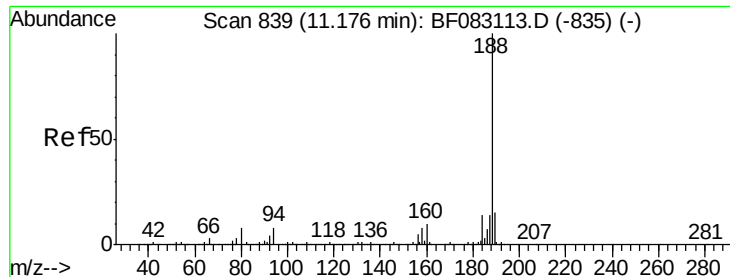
Tgt Ion:330 Resp: 406648
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.7 116.5
 141 41.7 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 84.52 ng
 RT: 8.98 min Scan# 612
 Delta R.T. -0.05 min
 Lab File: BF083258.D
 Acq: 25 Nov 2015 1:36

Tgt Ion:172 Resp: 2041214
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.5 44.3
 170 25.3 19.9 29.9

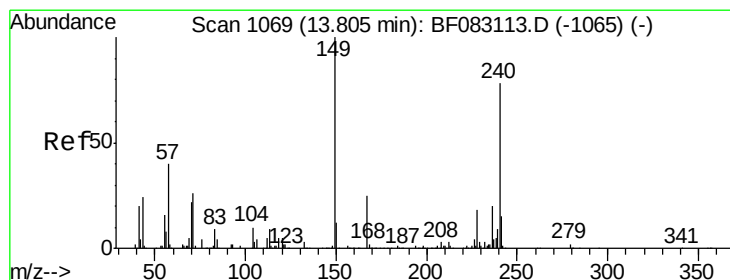
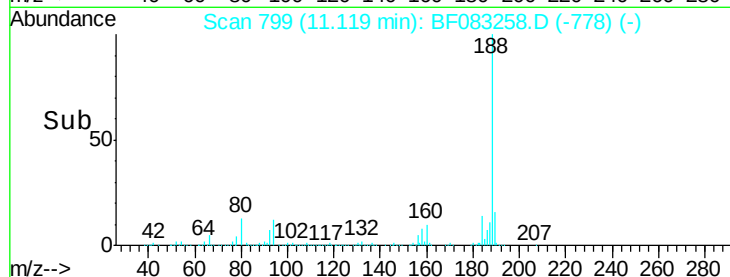
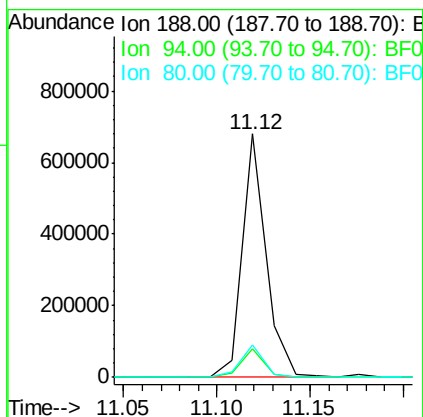
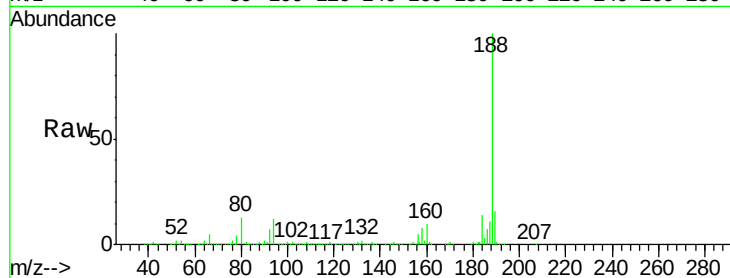




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 799
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

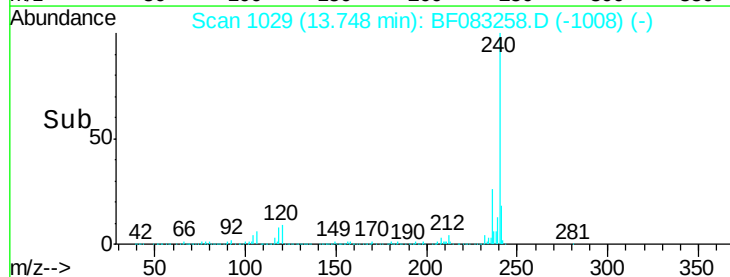
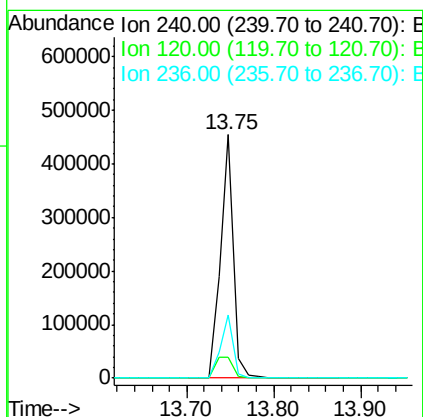
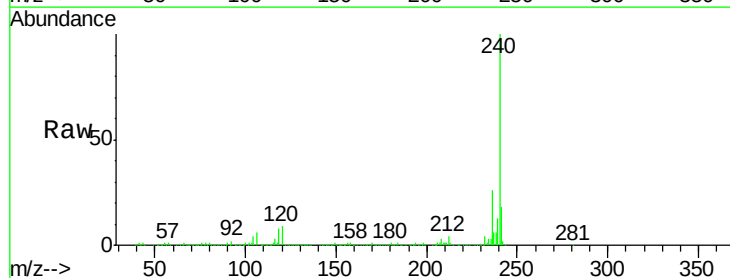
Instrument :
BNA_F
ClientSampleId :
DSN001

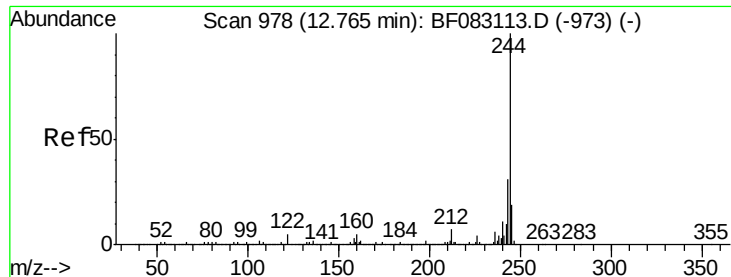
Tgt Ion:188 Resp: 606628
Ion Ratio Lower Upper
188 100
94 11.7 6.0 9.0#
80 13.4 6.7 10.1#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF083258.D
Acq: 25 Nov 2015 1:36

Tgt Ion:240 Resp: 477697
Ion Ratio Lower Upper
240 100
120 8.5 5.4 8.2#
236 25.9 20.6 31.0





#78

Terphenyl-d14

Concen: 87.01 ng

RT: 12.71 min Scan# 938

Delta R.T. -0.06 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

Instrument :

BNA_F

ClientSampleId :

DSN001

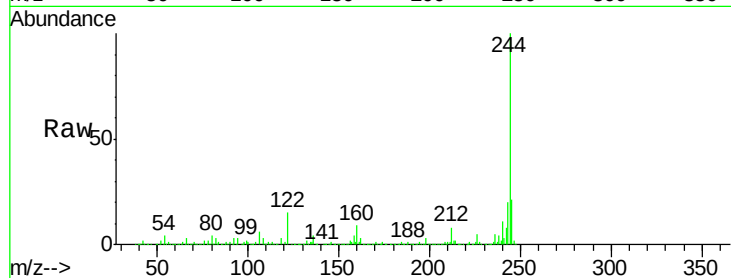
Tgt Ion:244 Resp: 1765123

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.2

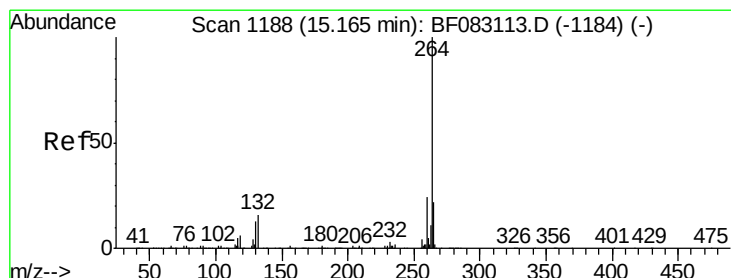
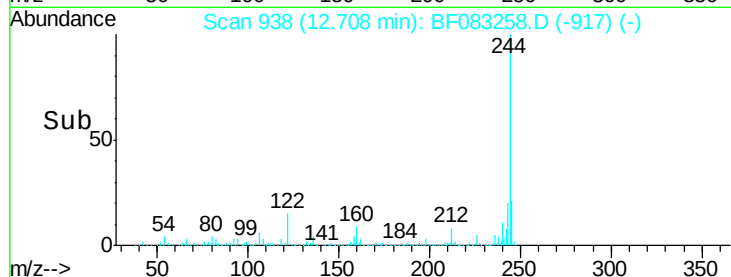
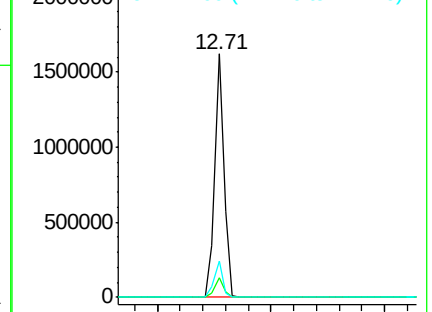
122 14.9 4.3 6.5#



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: 15.10 min Scan# 1147

Delta R.T. -0.07 min

Lab File: BF083258.D

Acq: 25 Nov 2015 1:36

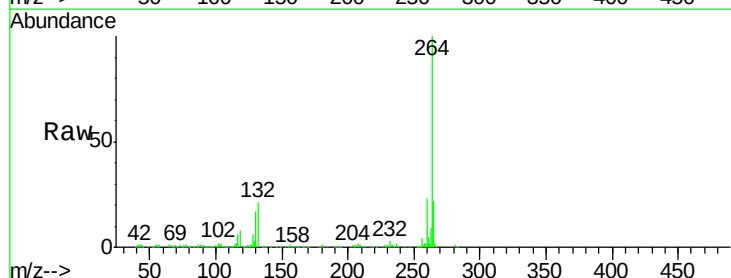
Tgt Ion:264 Resp: 356154

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 21.7 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

