

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083063.D
 Acq On : 20 Nov 2015 5:23
 Operator : UM/IZ
 Sample : G4436-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Quant Time: Nov 20 08:04:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104785	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	403871	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	207826	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	448760	20.00	ng	0.00
75) Chrysene-d12	13.85	240	436439	20.00	ng	-0.01
86) Perylene-d12	15.23	264	339736	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	977389	144.87	ng	0.02
7) Phenol-d6	6.35	99	1018153	114.59	ng	0.00
23) Nitrobenzene-d5	7.26	82	818951	92.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	378420	171.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1412069	91.51	ng	-0.01
78) Terphenyl-d14	12.81	244	1588235	85.91	ng	0.00

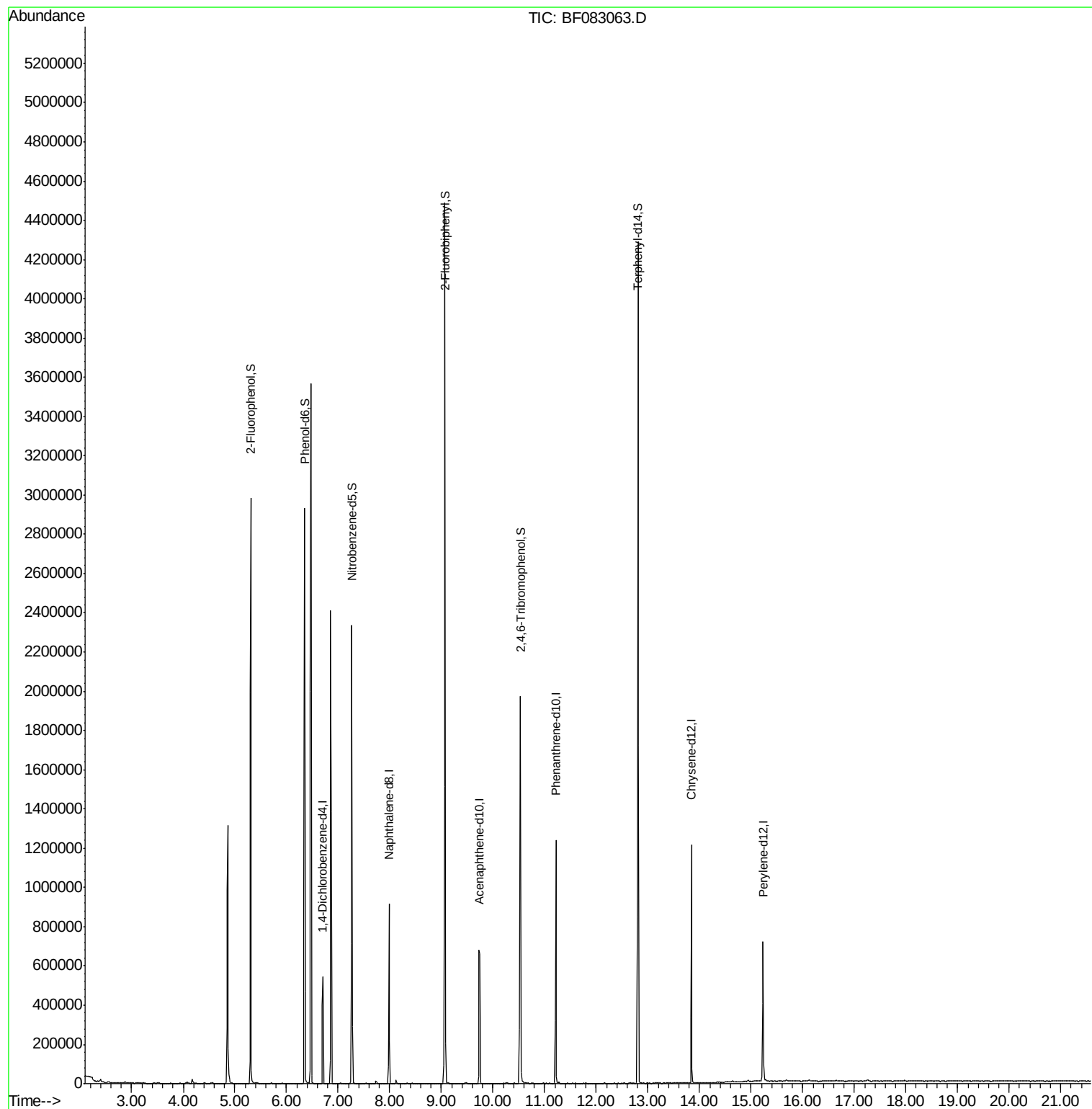
Target Compounds	Qvalue
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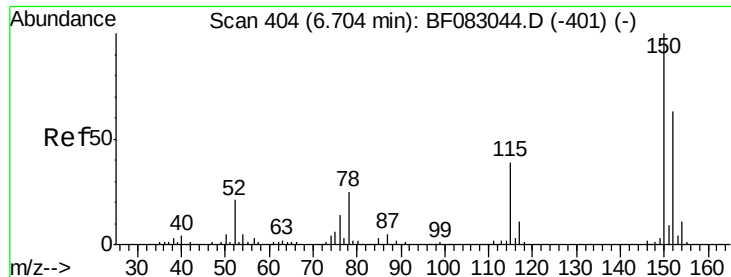
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Instrument :

BNA_F

ClientSampleId :

OS-1601

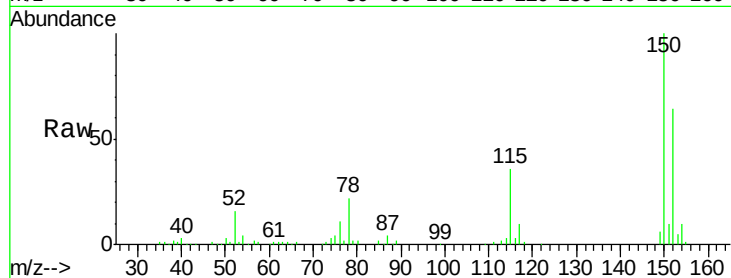
Tgt Ion:152 Resp: 104785

Ion Ratio Lower Upper

152 100

150 156.8 126.4 189.6

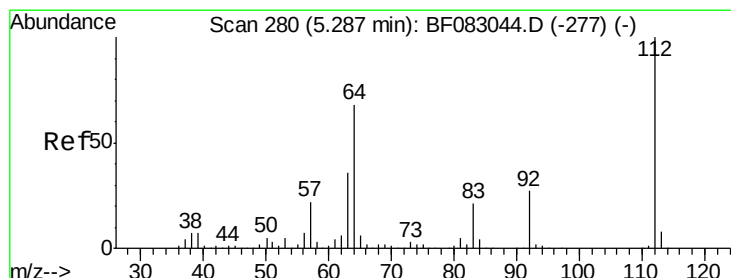
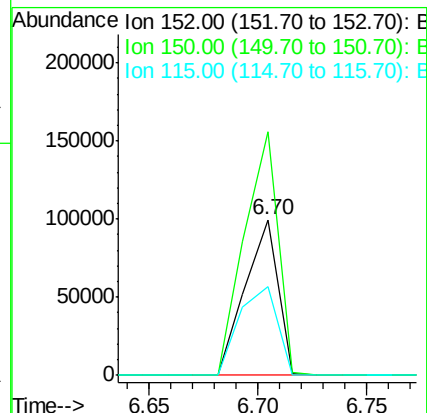
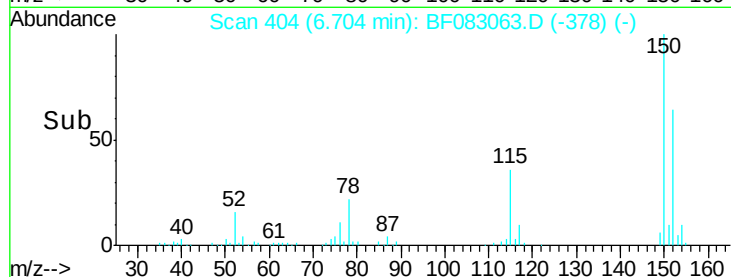
115 56.8 49.0 73.6



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: 144.87 ng

RT: 5.31 min Scan# 282

Delta R.T. 0.02 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

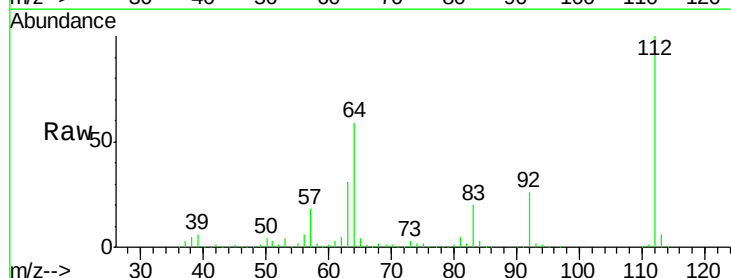
Tgt Ion:112 Resp: 977389

Ion Ratio Lower Upper

112 100

64 58.9 54.8 82.2

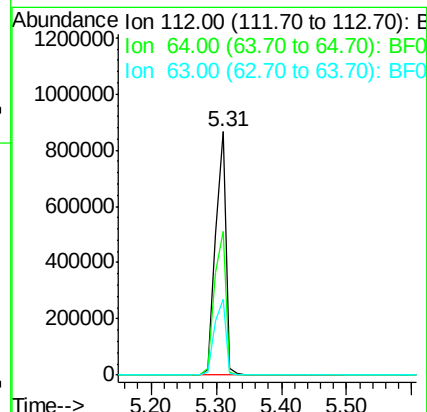
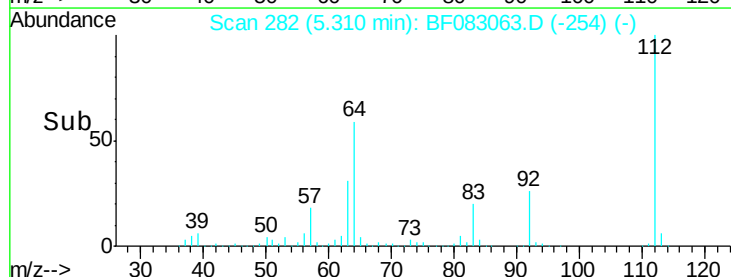
63 31.0 29.0 43.4

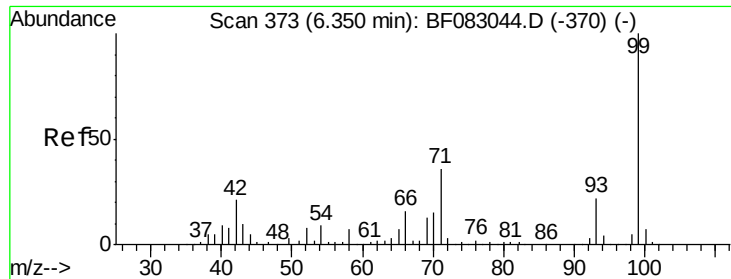


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.59 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Instrument :

BNA_F

ClientSampled :

OS-1601

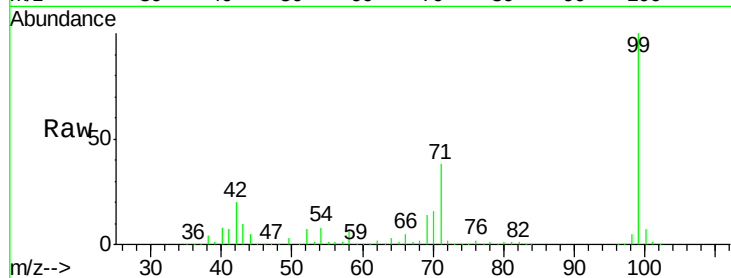
Tgt Ion: 99 Resp: 1018153

Ion Ratio Lower Upper

99 100

42 20.3 16.6 25.0

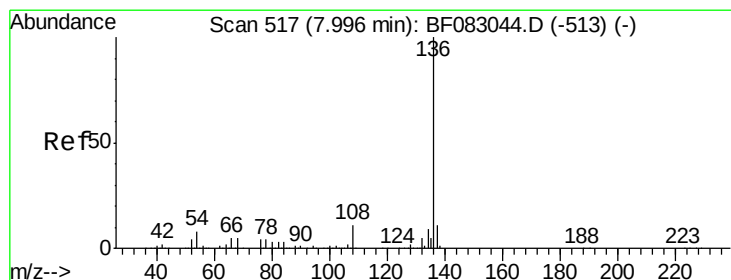
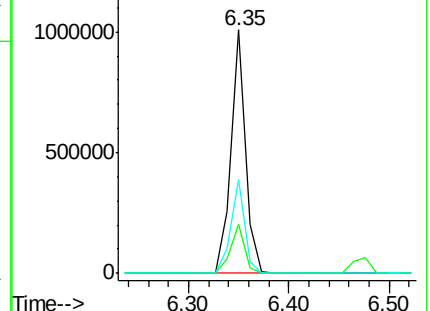
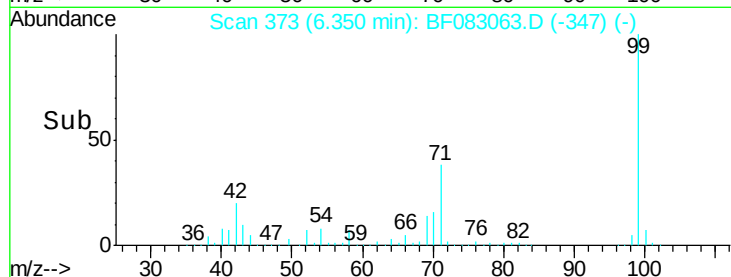
71 38.4 29.2 43.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083063.D

Acq: 20 Nov 2015 5:23

Tgt Ion: 136 Resp: 403871

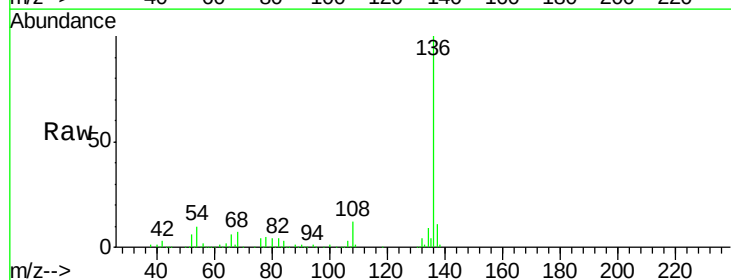
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 9.8 6.2 9.2#

68 6.5 4.2 6.2#

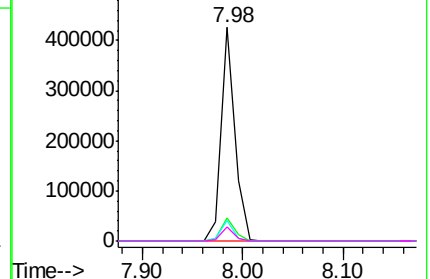
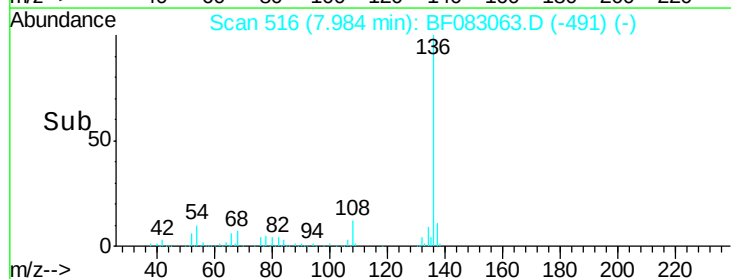


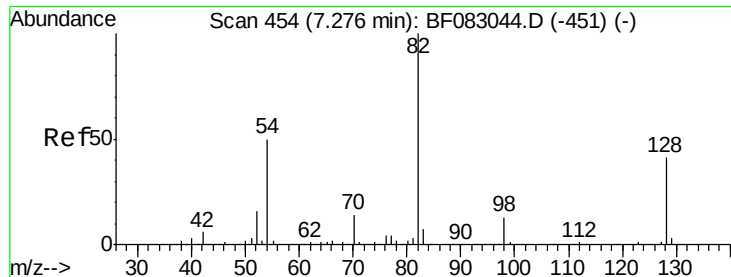
Abundance Ion 136.00 (135.70 to 136.70): E

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

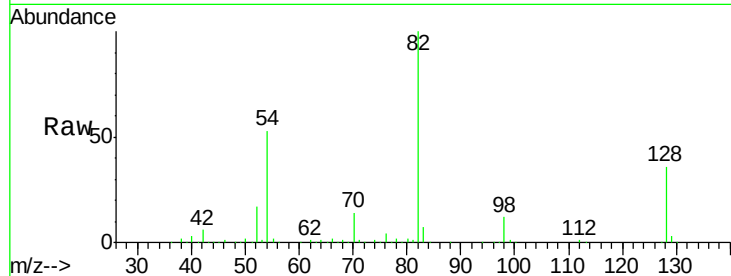




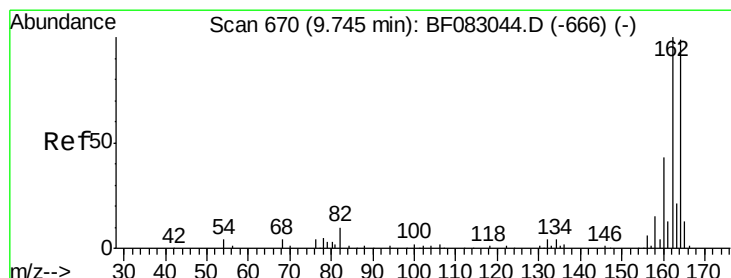
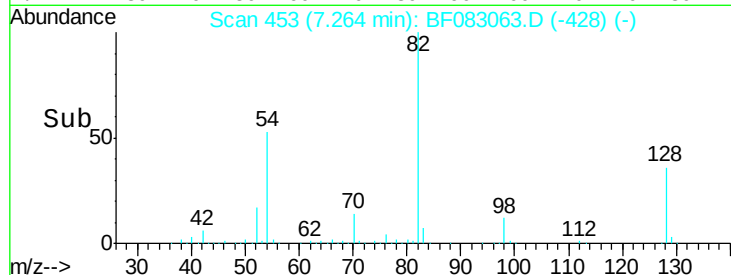
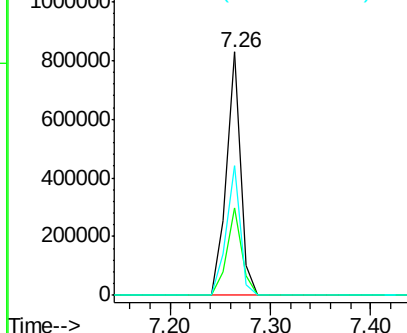
#23
 Nitrobenzene-d5
 Concen: 92.83 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion: 82 Resp: 818951
 Ion Ratio Lower Upper
 82 100
 128 36.1 33.1 49.7
 54 53.1 39.8 59.6

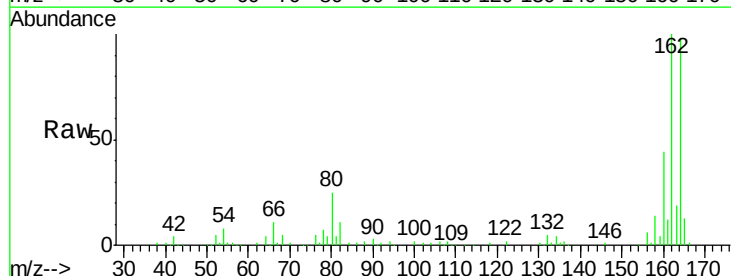


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

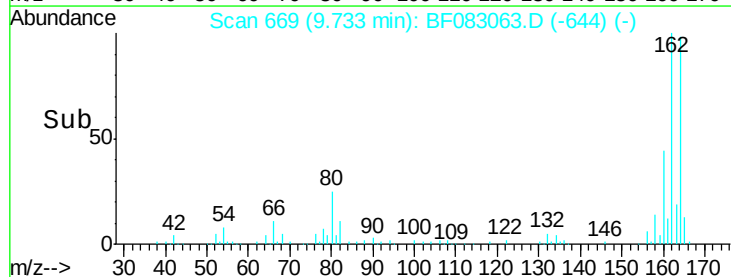
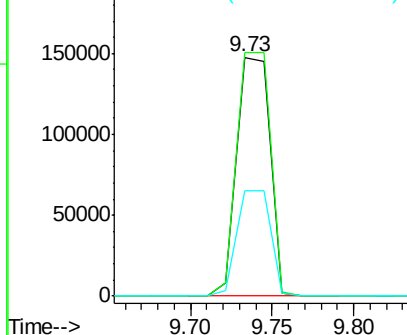


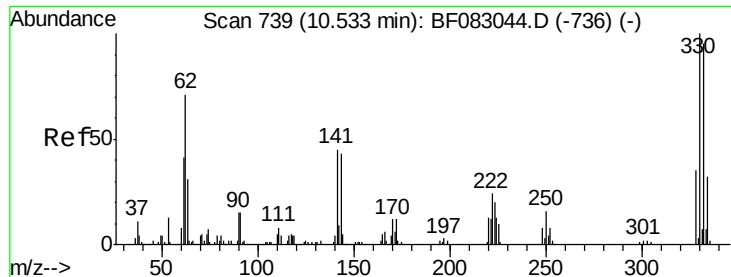
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion: 164 Resp: 207826
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.5 120.7
 160 44.3 35.0 52.4



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

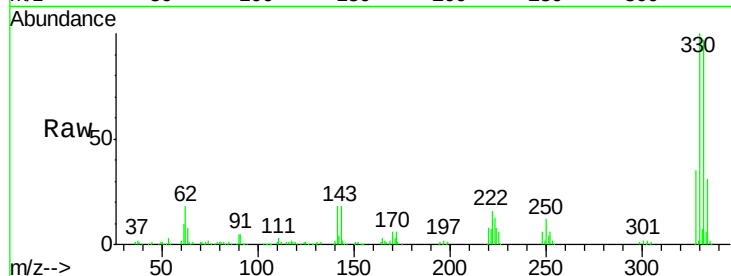




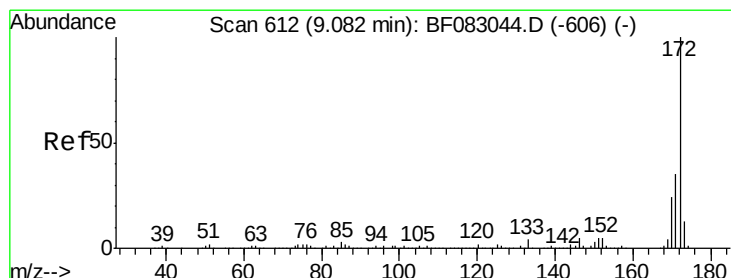
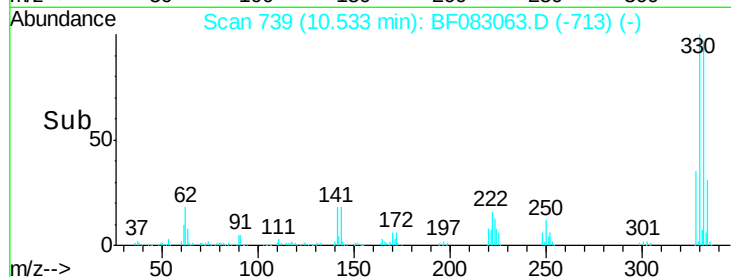
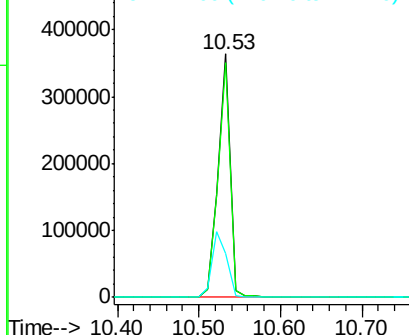
#41
 2,4,6-Tribromophenol
 Concen: 171.50 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion:330 Resp: 378420
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.6 116.4
 141 33.4 34.6 52.0#

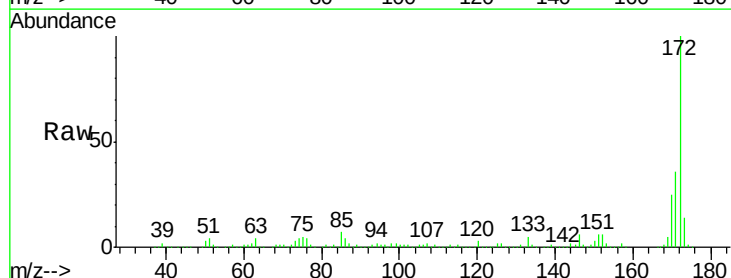


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

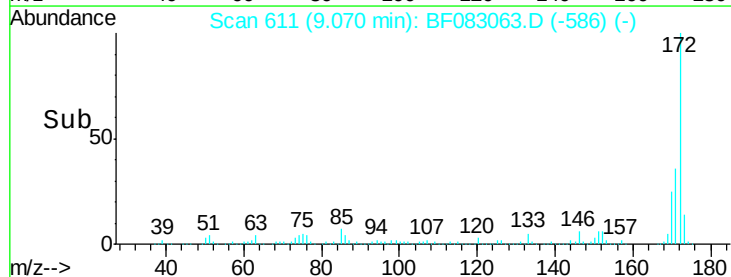
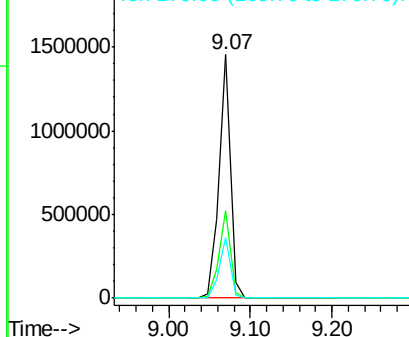


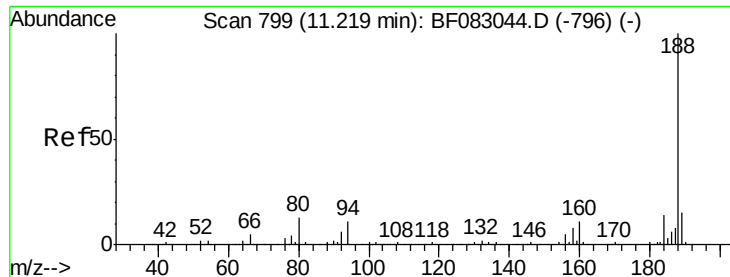
#44
 2-Fluorobiphenyl
 Concen: 91.51 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion:172 Resp: 1412069
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.2 42.4
 170 24.8 19.4 29.0



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

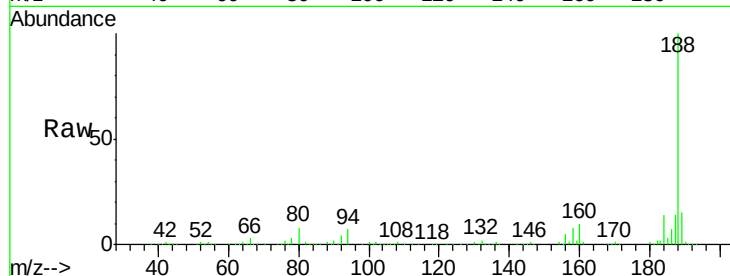




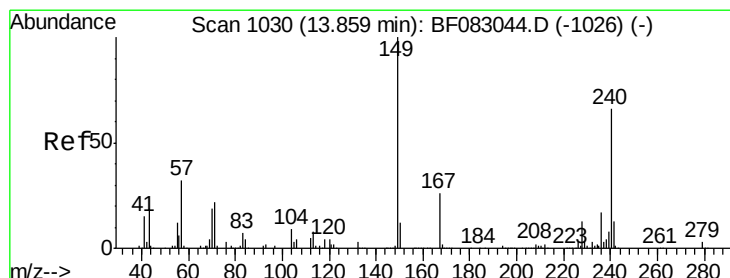
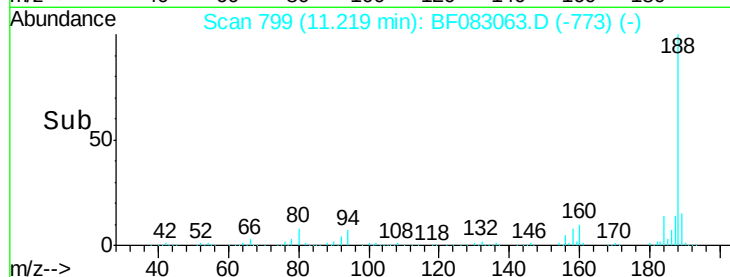
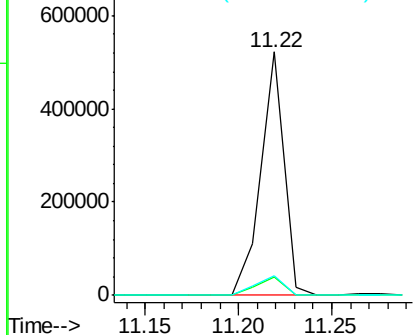
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083063.D
Acq: 20 Nov 2015 5:23

Instrument :
BNA_F
ClientSampleId :
OS-1601

Tgt Ion:188 Resp: 448760
Ion Ratio Lower Upper
188 100
94 7.5 9.0 13.4#
80 8.0 10.2 15.4#

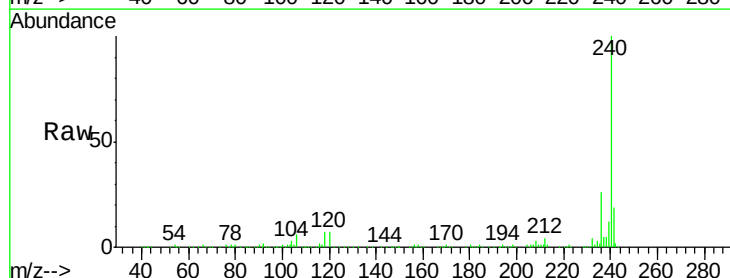


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

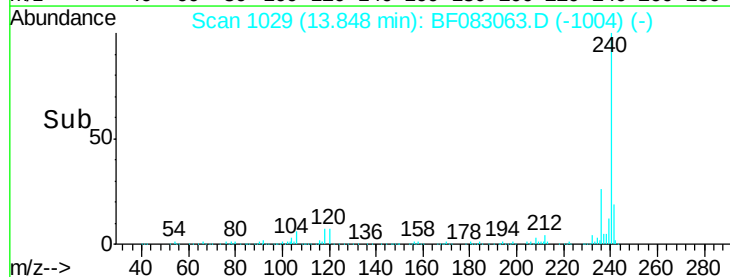
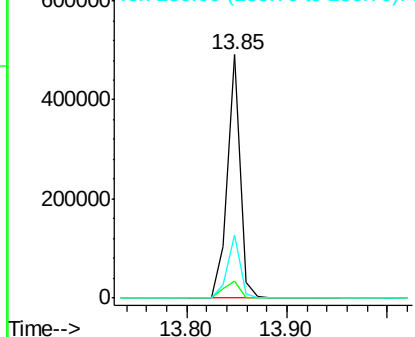


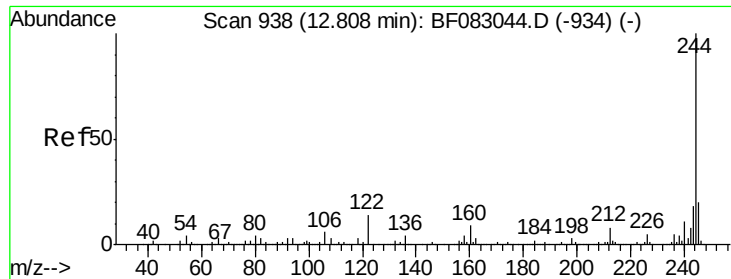
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083063.D
Acq: 20 Nov 2015 5:23

Tgt Ion:240 Resp: 436439
Ion Ratio Lower Upper
240 100
120 7.1 5.3 7.9
236 26.1 20.4 30.6



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

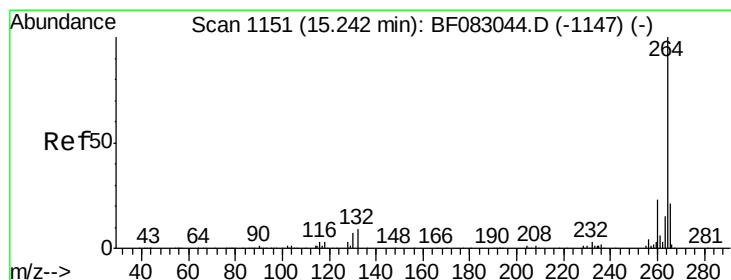
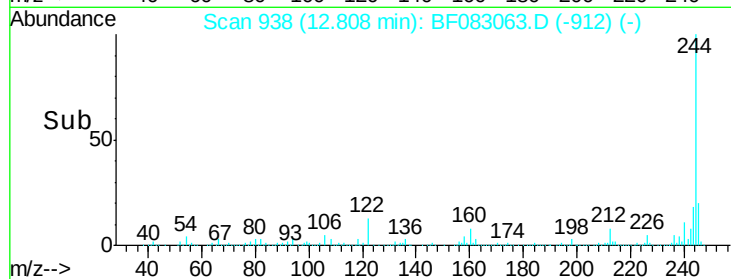
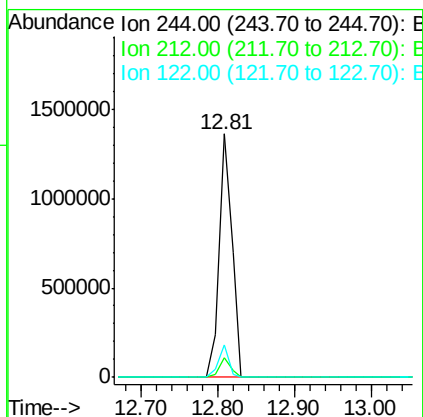
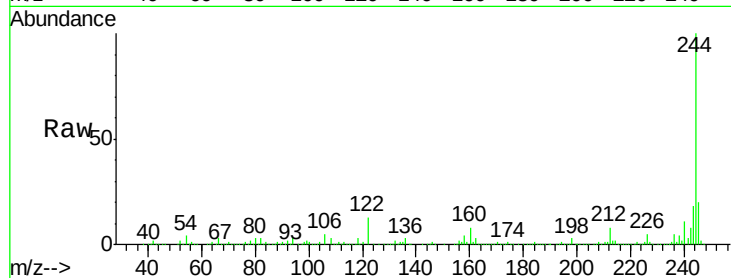




#78
 Terphenyl-d14
 Concen: 85.91 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Instrument :
 BNA_F
 ClientSampleId :
 OS-1601

Tgt Ion:244 Resp: 1588235
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.1 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083063.D
 Acq: 20 Nov 2015 5:23

Tgt Ion:264 Resp: 339736
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.0 17.0 25.6

