

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083890.D
 Acq On : 18 Dec 2015 2:00
 Operator : UM/SJ
 Sample : PB87315BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BL

Quant Time: Dec 18 05:49:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	56140	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	229887	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	104180	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	215361	20.00	ng	0.00
75) Chrysene-d12	14.03	240	198919	20.00	ng	0.00
86) Perylene-d12	15.47	264	155502	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	412903	115.10	ng	0.01
7) Phenol-d6	6.51	99	437406	99.61	ng	0.00
23) Nitrobenzene-d5	7.44	82	303414	75.33	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	130011	113.28	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	569485	75.40	ng	-0.01
78) Terphenyl-d14	12.98	244	674893	78.87	ng	0.00

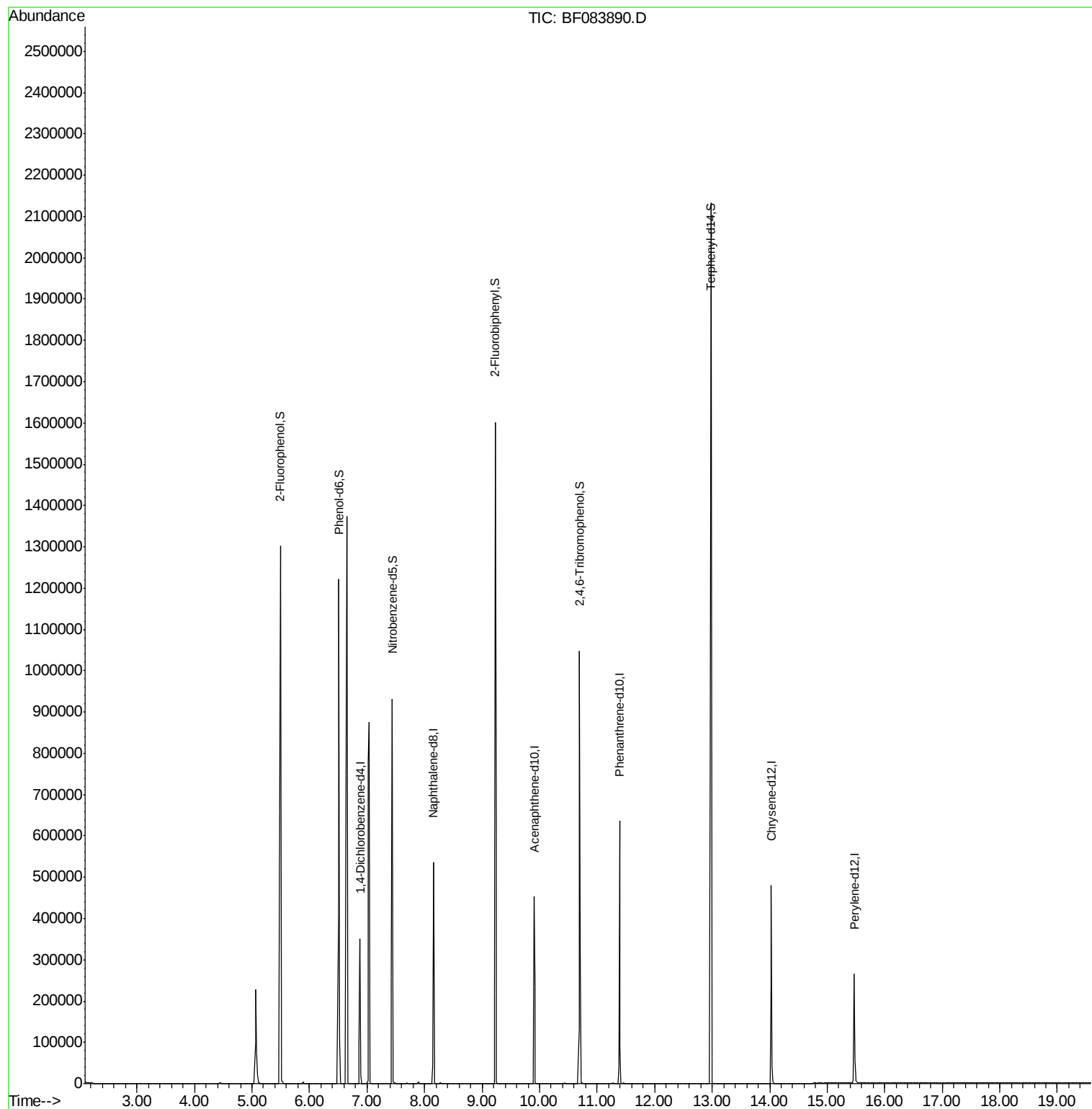
Target Compounds	Qvalue
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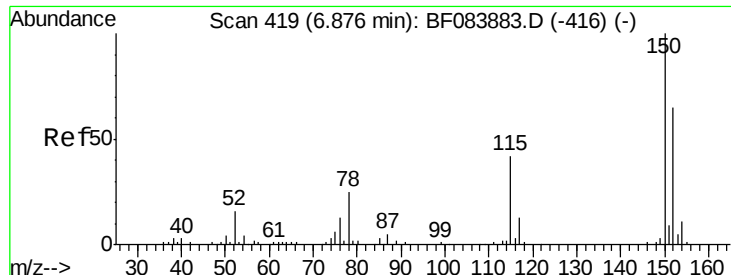
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083890.D

Acq: 18 Dec 2015 2:00

Instrument :

BNA_F

ClientSampleId :

PB87315BL

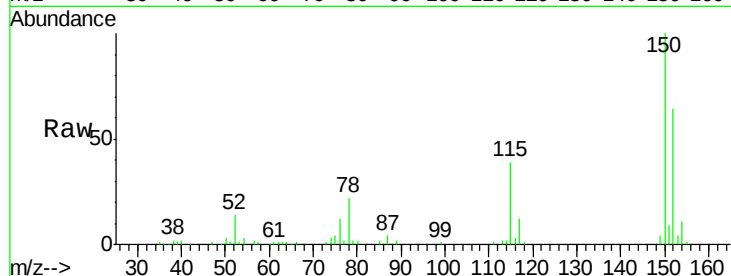
Tgt Ion:152 Resp: 56140

Ion Ratio Lower Upper

152 100

150 155.3 123.0 184.4

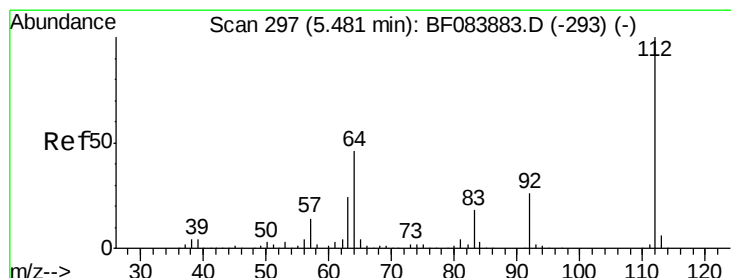
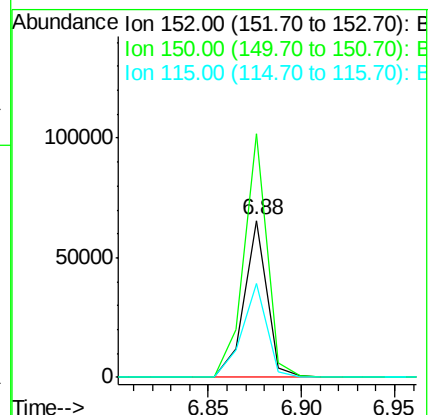
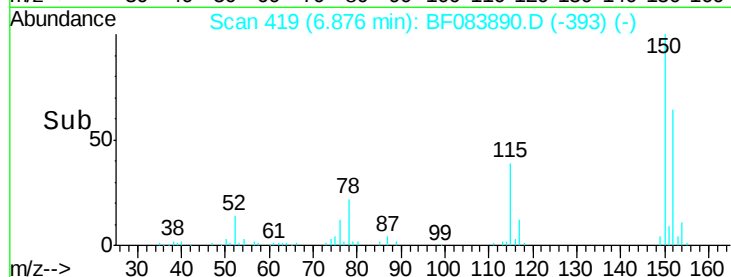
115 60.2 51.4 77.2



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: 115.10 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083890.D

Acq: 18 Dec 2015 2:00

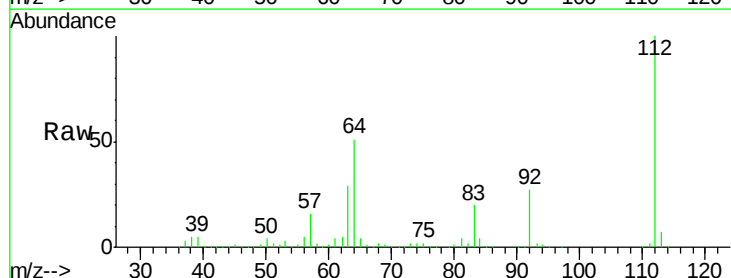
Tgt Ion:112 Resp: 412903

Ion Ratio Lower Upper

112 100

64 50.9 36.6 55.0

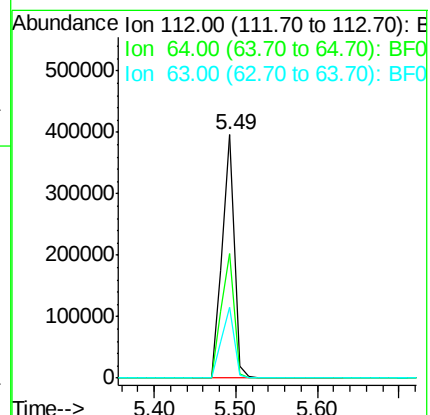
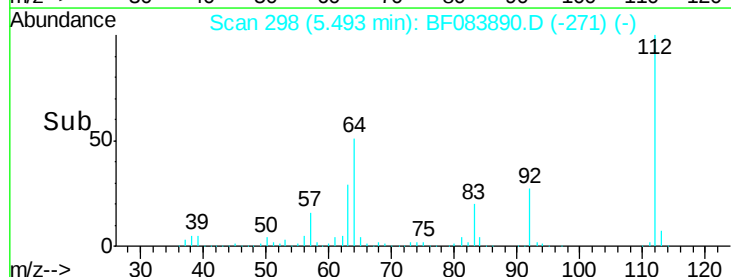
63 29.0 19.4 29.0

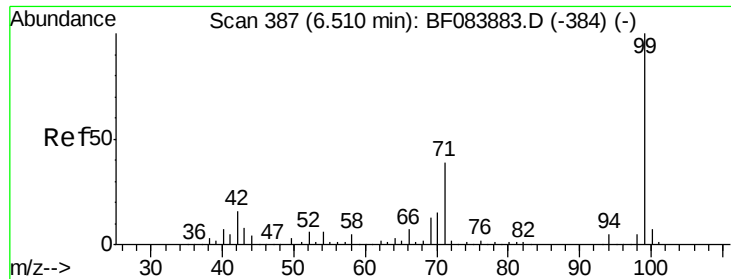


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 99.61 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083890.D

Acq: 18 Dec 2015 2:00

Instrument :

BNA_F

ClientSampleId :

PB87315BL

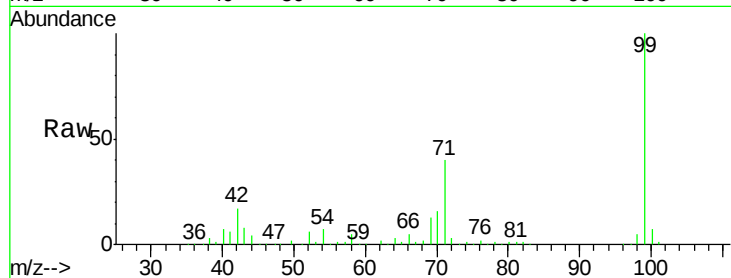
Tgt Ion: 99 Resp: 437406

Ion Ratio Lower Upper

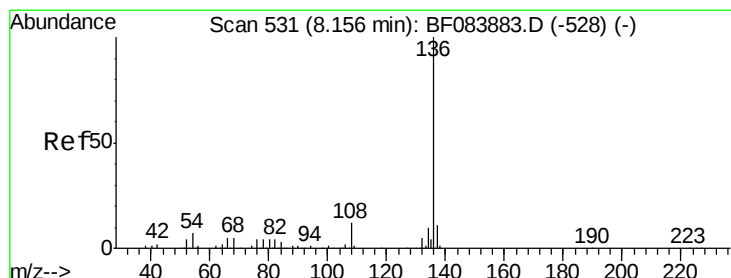
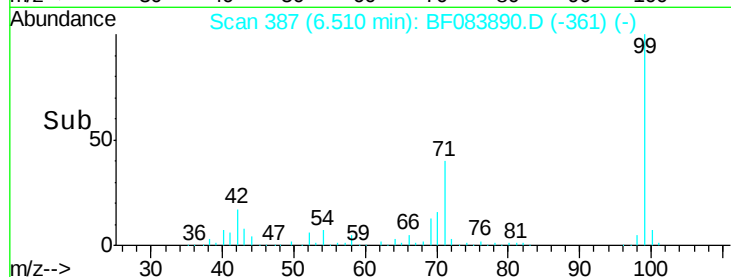
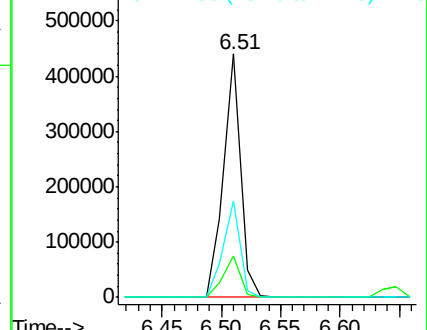
99 100

42 16.8 12.8 19.2

71 39.8 30.9 46.3



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: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF083890.D

Acq: 18 Dec 2015 2:00

Tgt Ion: 136 Resp: 229887

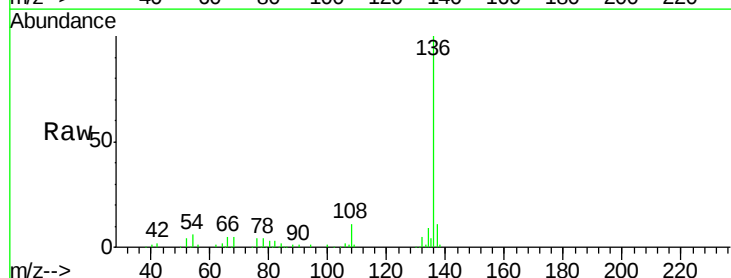
Ion Ratio Lower Upper

136 100

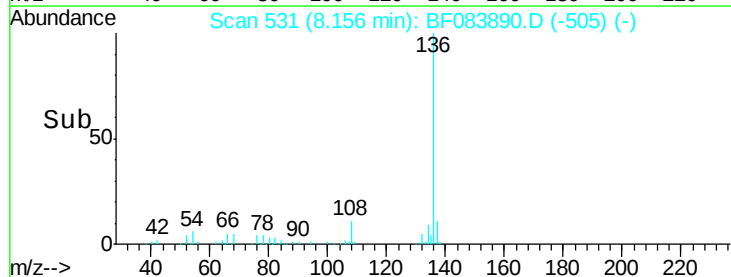
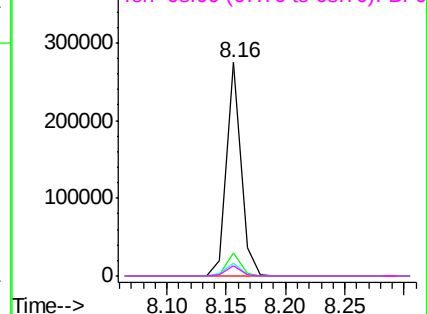
137 11.0 8.7 13.1

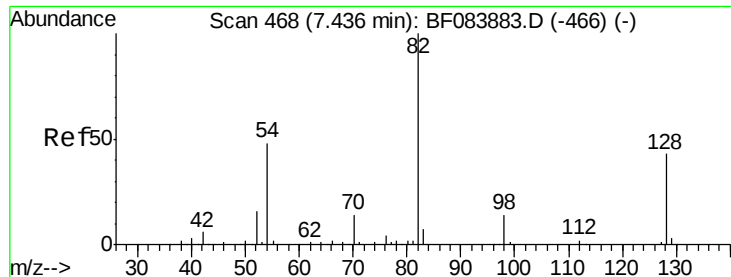
54 6.1 5.8 8.8

68 4.5 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

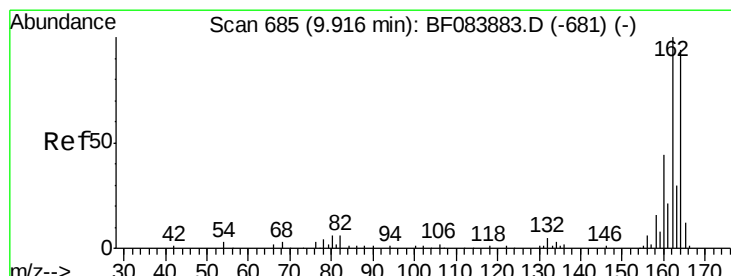
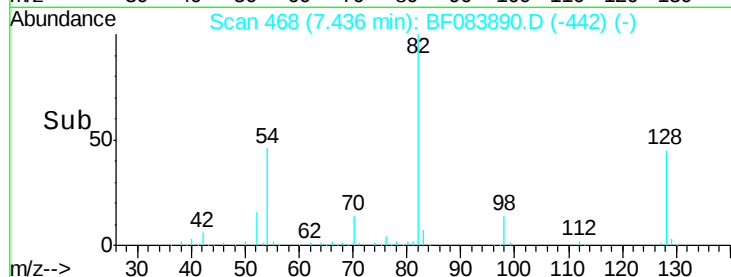
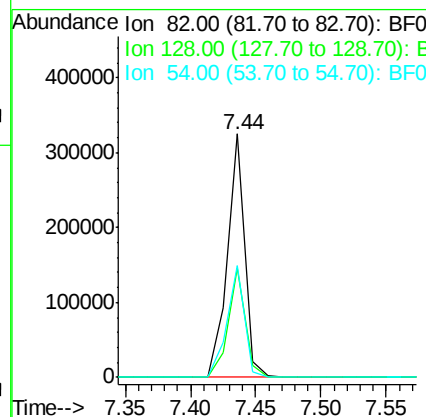
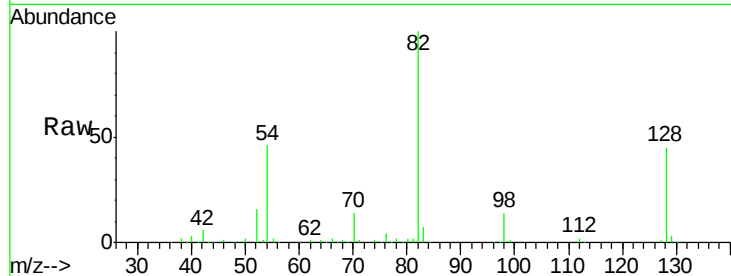




#23
 Nitrobenzene-d5
 Concen: 75.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

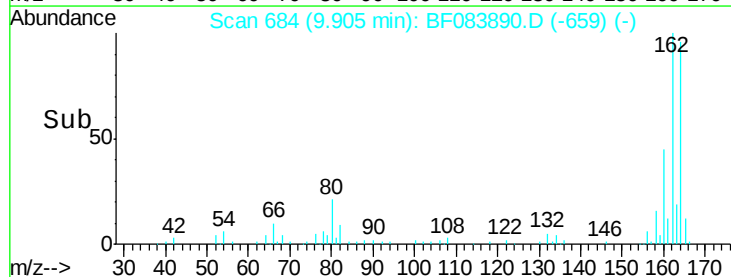
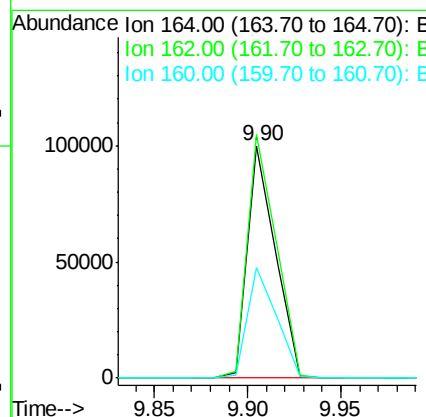
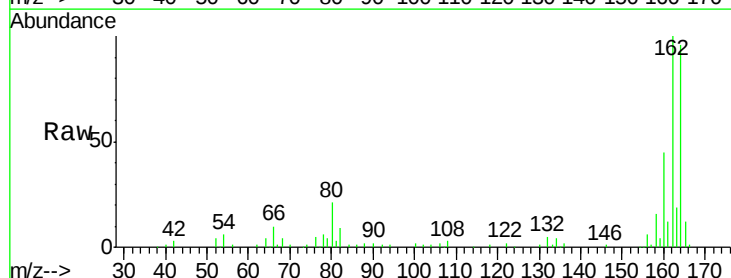
Instrument :
 BNA_F
 ClientSampleId :
 PB87315BL

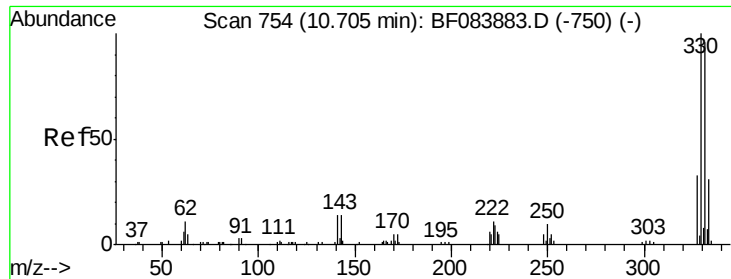
Tgt Ion: 82 Resp: 303414
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.6 51.8
 54 45.9 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

Tgt Ion: 164 Resp: 104180
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 47.2 37.5 56.3

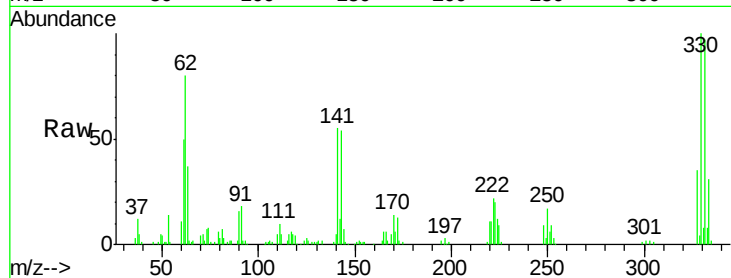




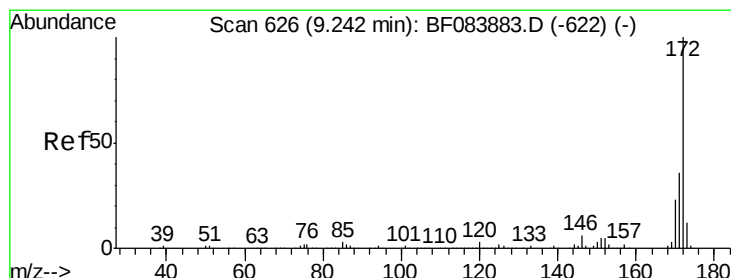
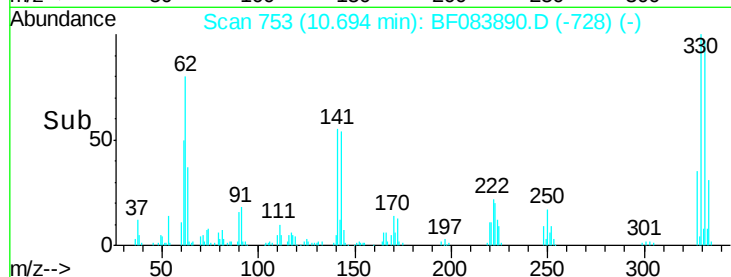
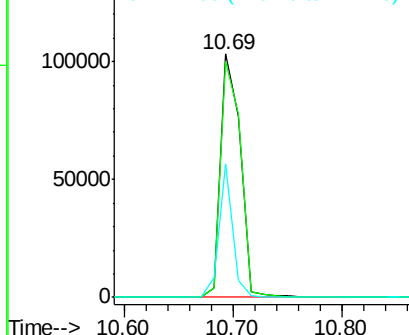
#41
 2,4,6-Tribromophenol
 Concen: 113.28 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BL

Tgt Ion:330 Resp: 130011
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 38.7 27.8 41.6

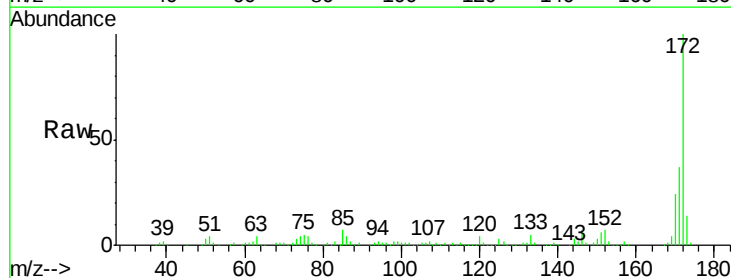


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

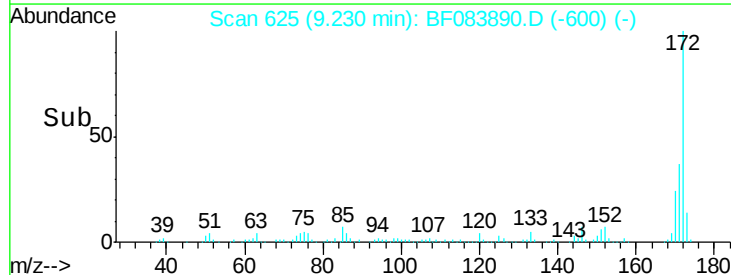
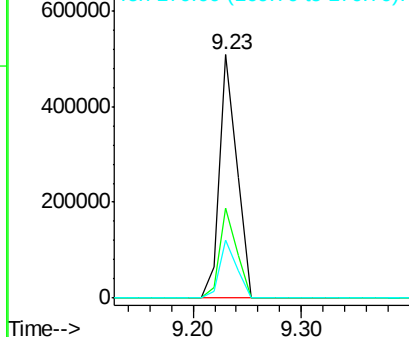


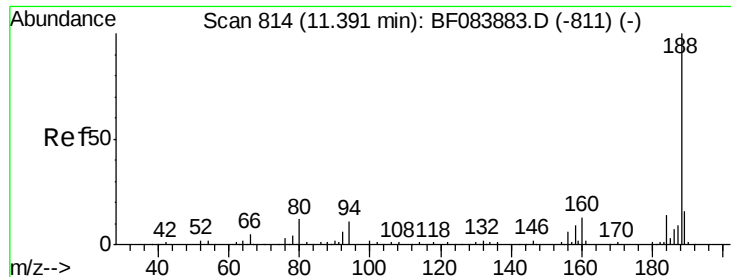
#44
 2-Fluorobiphenyl
 Concen: 75.40 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

Tgt Ion:172 Resp: 569485
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.0 18.6 27.8



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

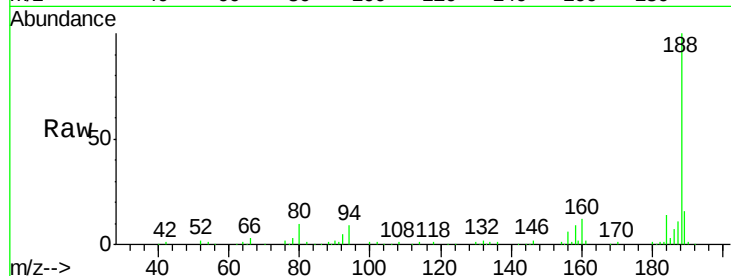




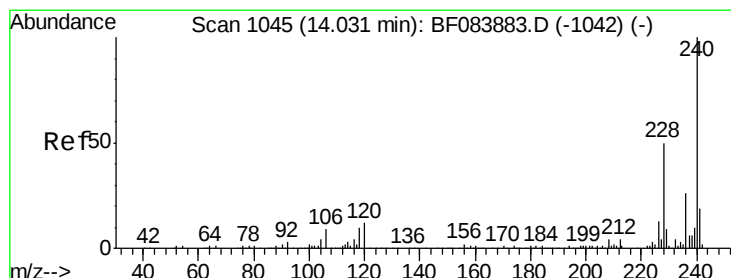
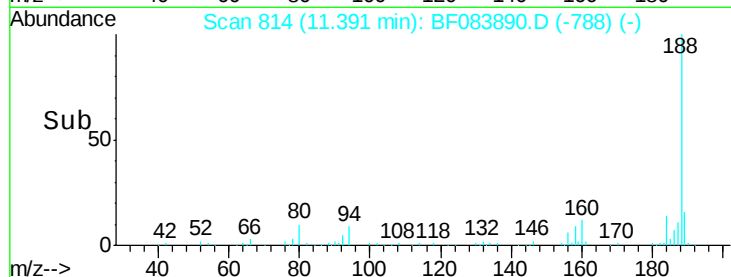
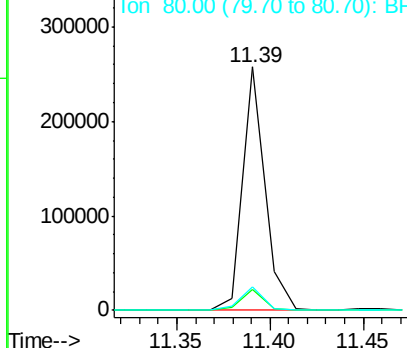
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF083890.D
Acq: 18 Dec 2015 2:00

Instrument :
BNA_F
ClientSampleId :
PB87315BL

Tgt Ion:188 Resp: 215361
Ion Ratio Lower Upper
188 100
94 8.8 9.0 13.4#
80 9.5 9.6 14.4#

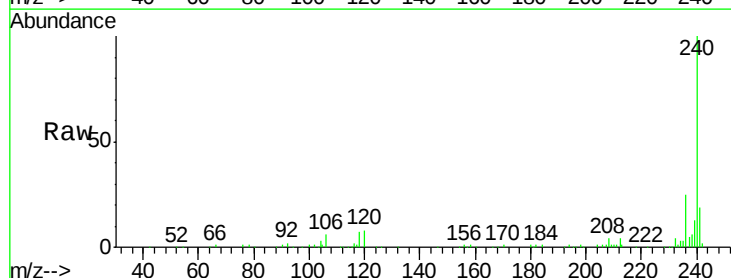


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

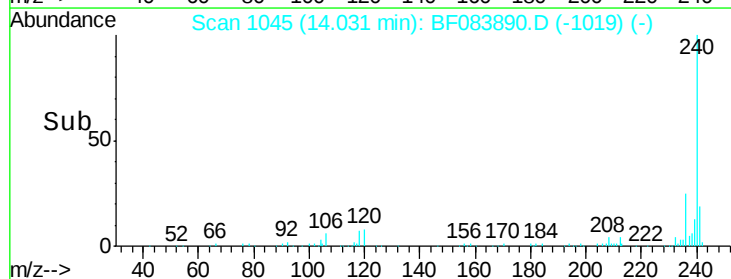
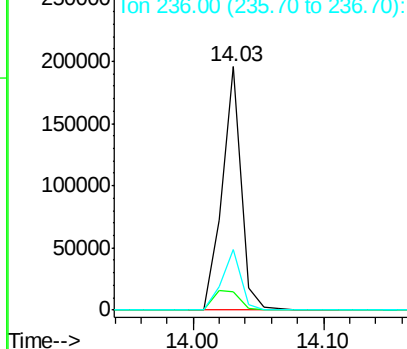


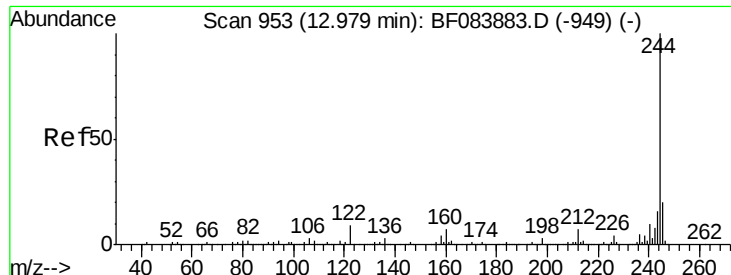
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF083890.D
Acq: 18 Dec 2015 2:00

Tgt Ion:240 Resp: 198919
Ion Ratio Lower Upper
240 100
120 7.7 9.5 14.3#
236 24.9 20.6 31.0



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

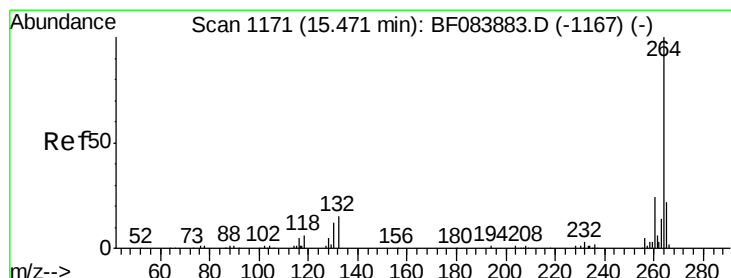
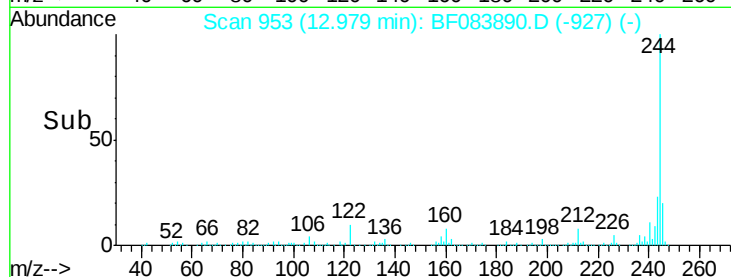
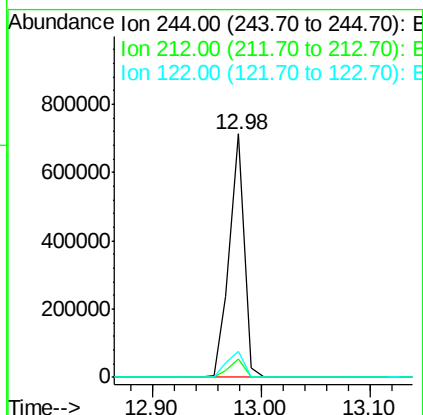
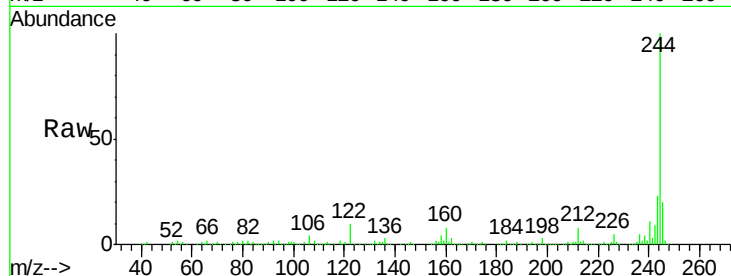




#78
 Terphenyl-d14
 Concen: 78.87 ng
 RT: 12.98 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

Instrument :
 BNA_F
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 PB87315BL

Tgt Ion:244 Resp: 674893
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 10.5 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF083890.D
 Acq: 18 Dec 2015 2:00

Tgt Ion:264 Resp: 155502
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.8 17.8 26.6

