

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083052.D
 Acq On : 19 Nov 2015 23:35
 Operator : UM/IZ
 Sample : PB86723BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BL

Quant Time: Nov 20 07:12:36 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	113491	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	430668	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	239334	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	479587	20.00	ng	0.00
75) Chrysene-d12	13.85	240	454825	20.00	ng	-0.01
86) Perylene-d12	15.23	264	382439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	858426	117.48	ng	0.01
7) Phenol-d6	6.35	99	1079884	112.21	ng	0.00
23) Nitrobenzene-d5	7.26	82	749993	79.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	339008	133.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1270359	71.49	ng	-0.01
78) Terphenyl-d14	12.81	244	1455649	75.55	ng	0.00

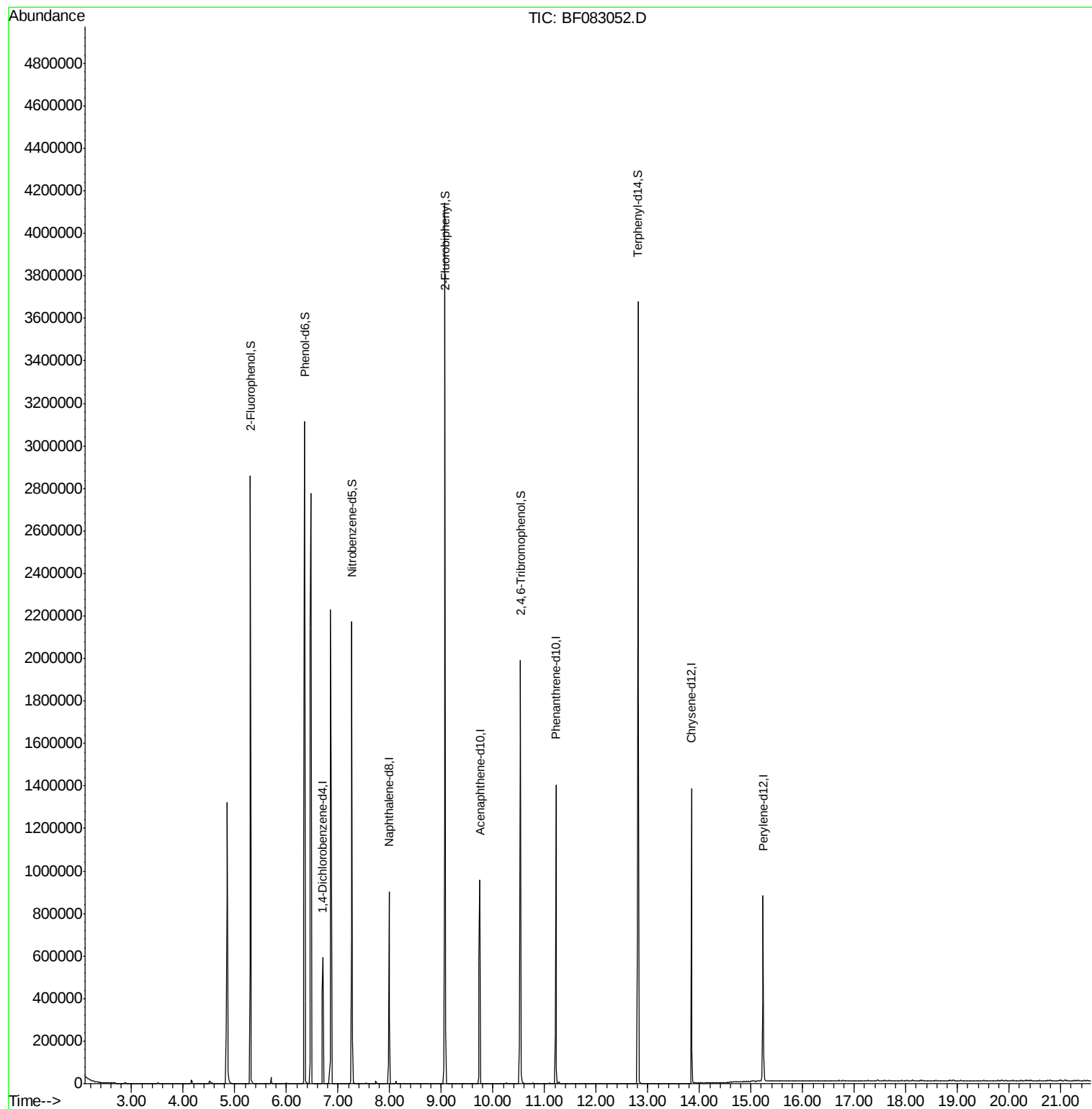
Target Compounds	Qvalue
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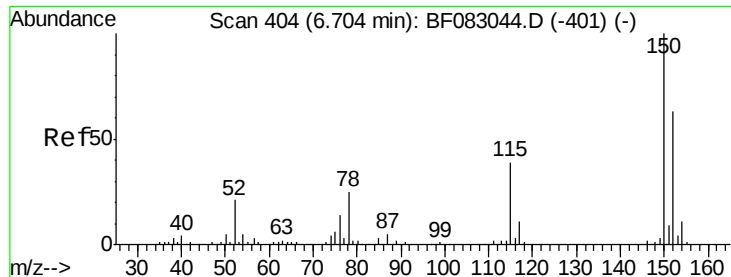
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083052.D

Acq: 19 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB86723BL

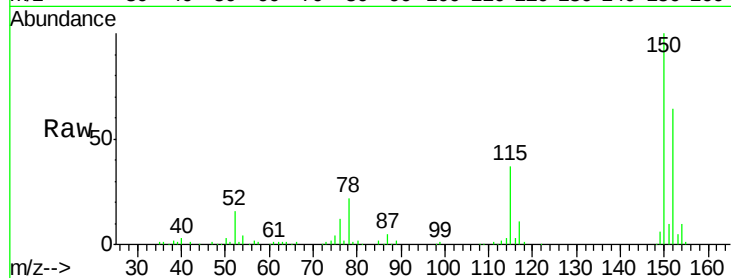
Tgt Ion:152 Resp: 113491

Ion Ratio Lower Upper

152 100

150 156.5 126.4 189.6

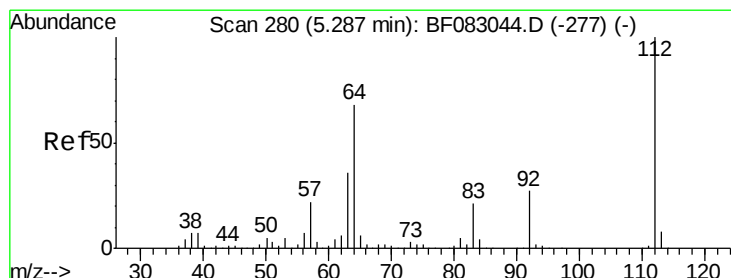
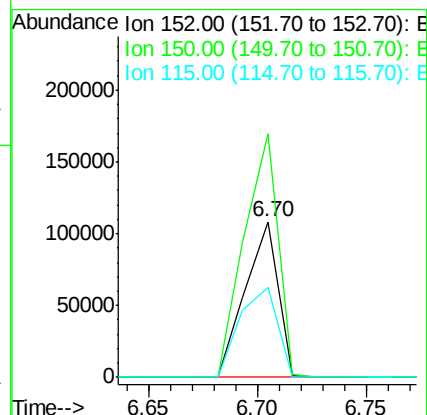
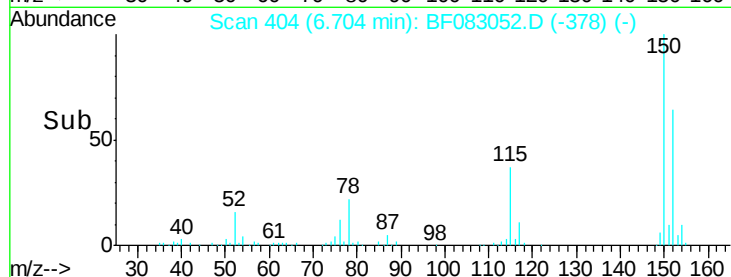
115 57.7 49.0 73.6



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: 117.48 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083052.D

Acq: 19 Nov 2015 23:35

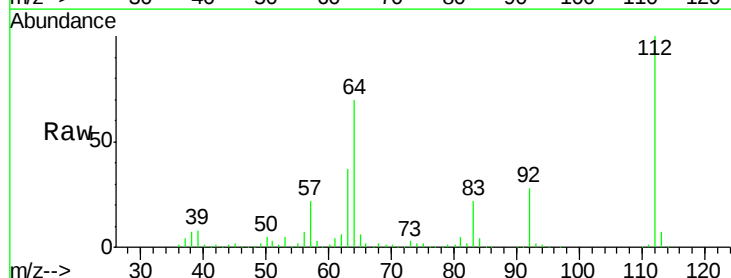
Tgt Ion:112 Resp: 858426

Ion Ratio Lower Upper

112 100

64 70.1 54.8 82.2

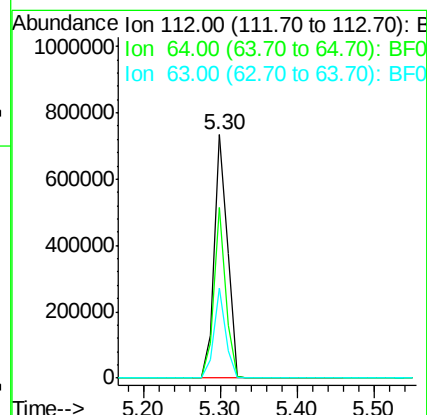
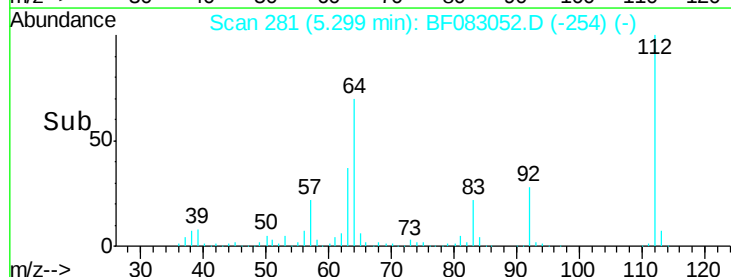
63 37.2 29.0 43.4

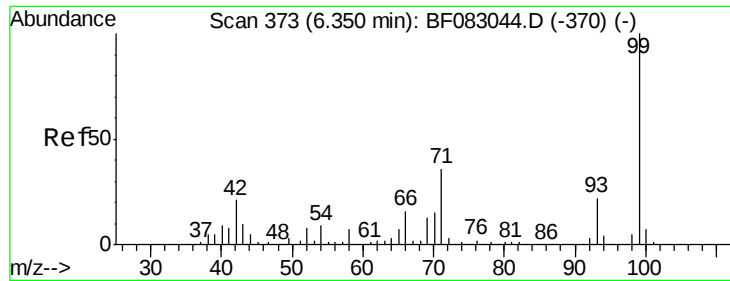


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.21 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083052.D

Acq: 19 Nov 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB86723BL

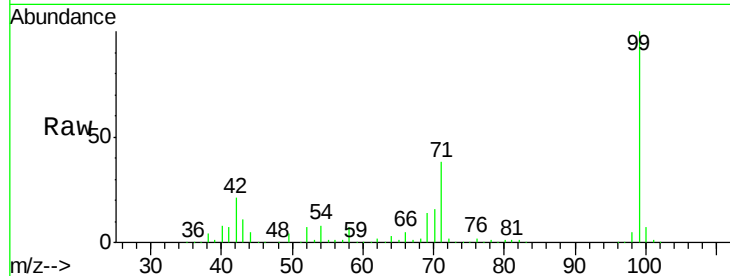
Tgt Ion: 99 Resp: 1079884

Ion Ratio Lower Upper

99 100

42 20.8 16.6 25.0

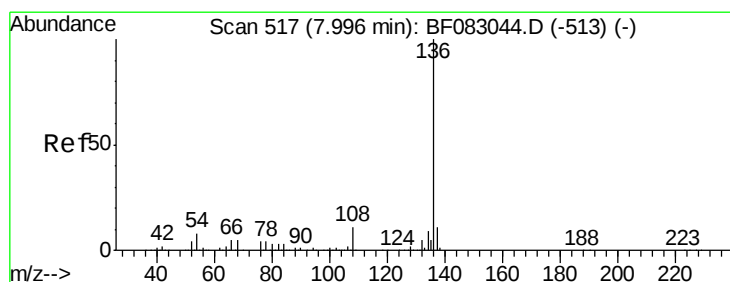
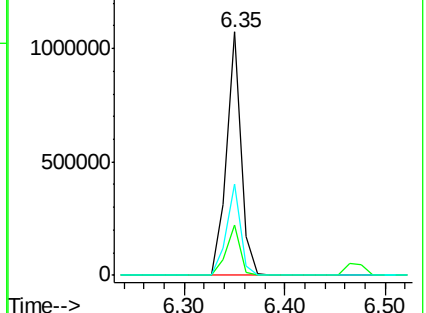
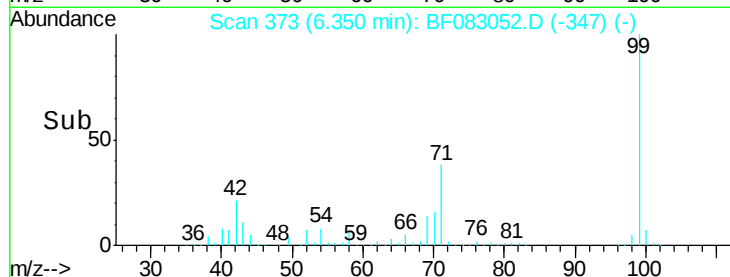
71 37.5 29.2 43.8



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: BF083052.D

Acq: 19 Nov 2015 23:35

Tgt Ion: 136 Resp: 430668

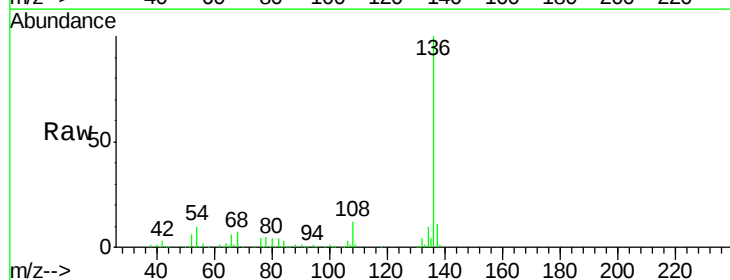
Ion Ratio Lower Upper

136 100

137 11.4 8.6 12.8

54 9.7 6.2 9.2#

68 6.8 4.2 6.2#

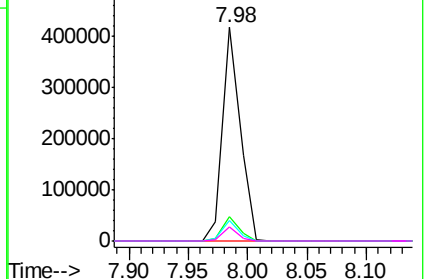
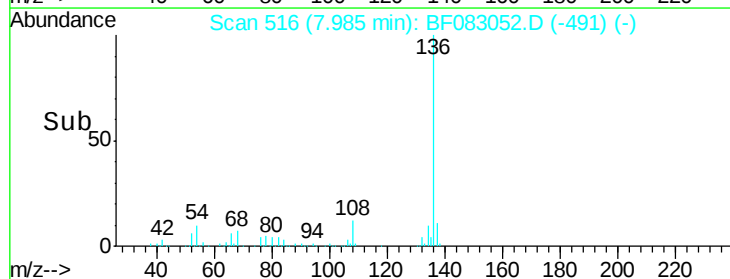


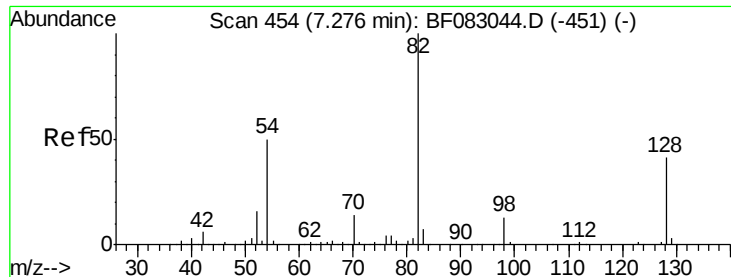
Abundance Ion 136.00 (135.70 to 136.70): E

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

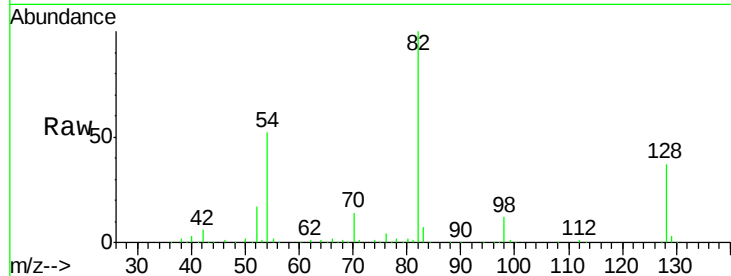




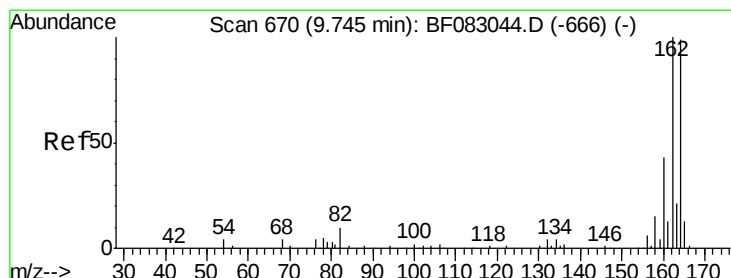
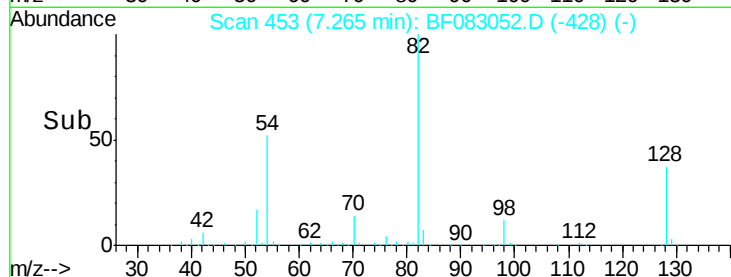
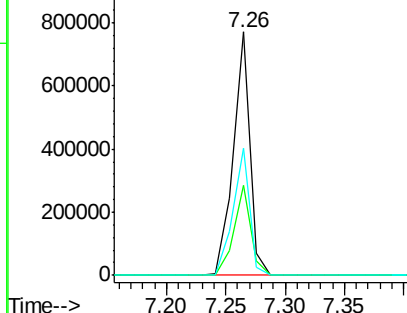
#23
Nitrobenzene-d5
Concen: 79.73 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083052.D
Acq: 19 Nov 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB86723BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.8	33.1	49.7
54	52.4	39.8	59.6

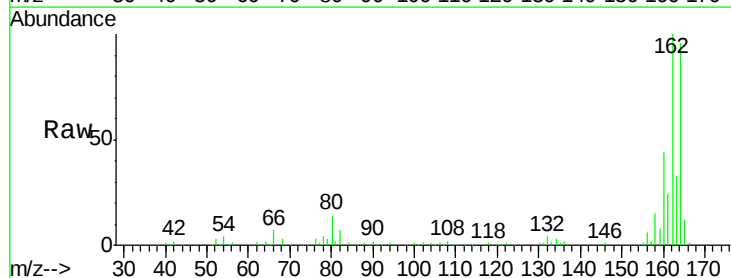


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

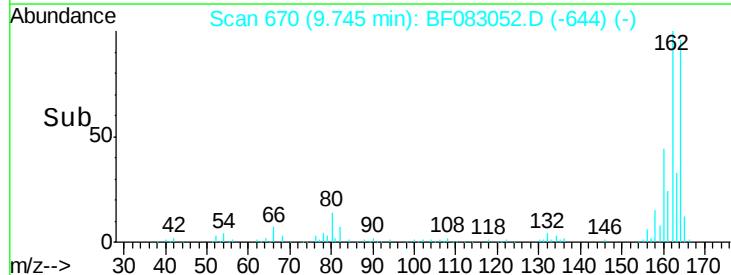
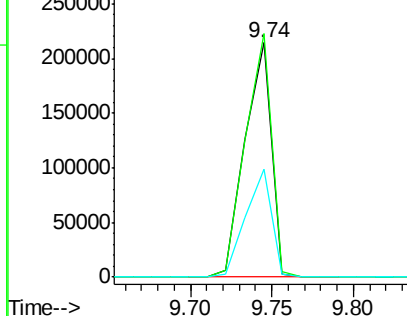


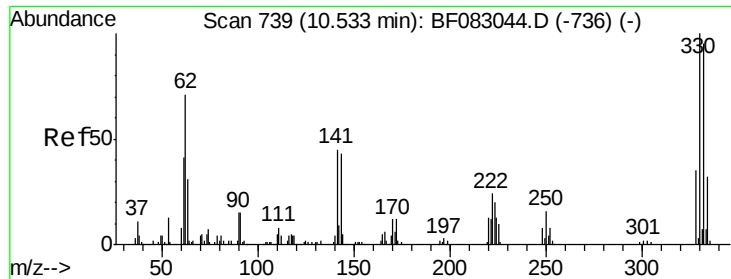
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083052.D
Acq: 19 Nov 2015 23:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.5	120.7
160	46.1	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

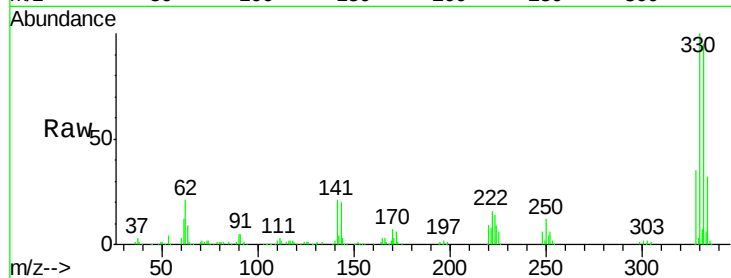




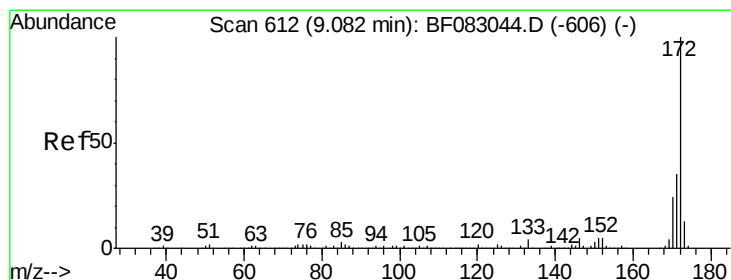
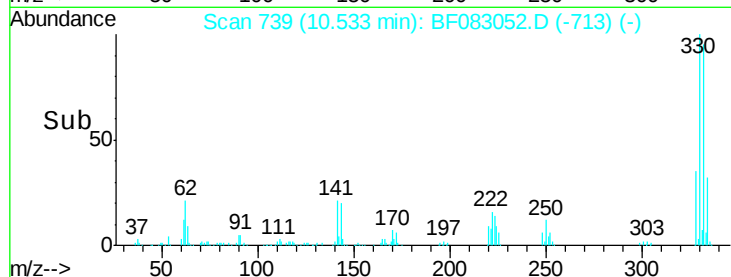
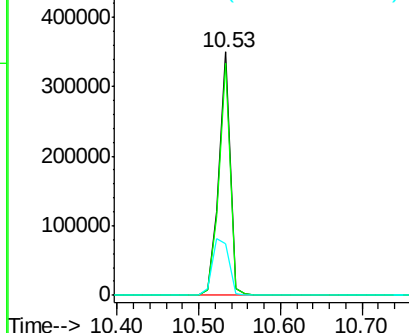
#41
 2,4,6-Tribromophenol
 Concen: 133.41 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083052.D
 Acq: 19 Nov 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BL

Tgt Ion:330 Resp: 339008
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.6 116.4
 141 33.9 34.6 52.0#

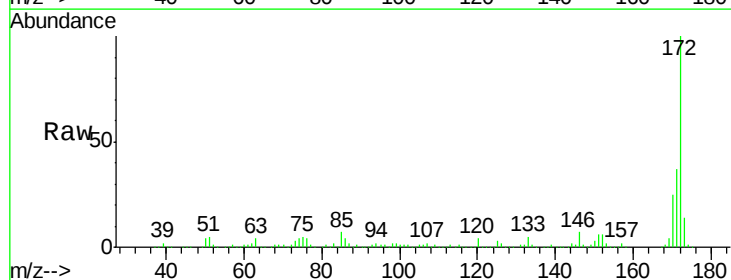


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

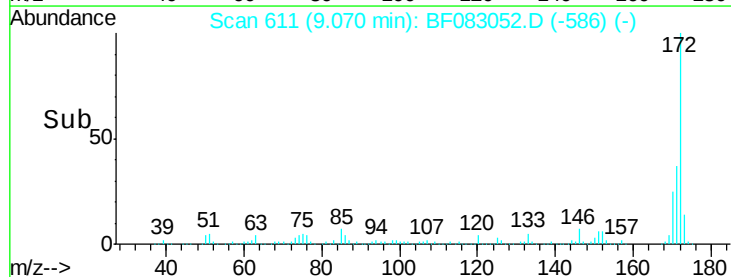
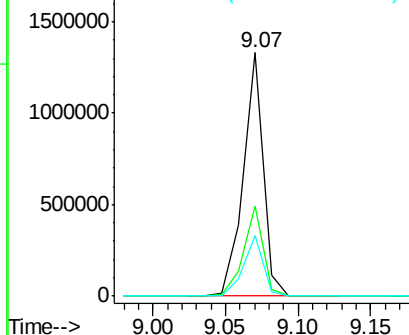


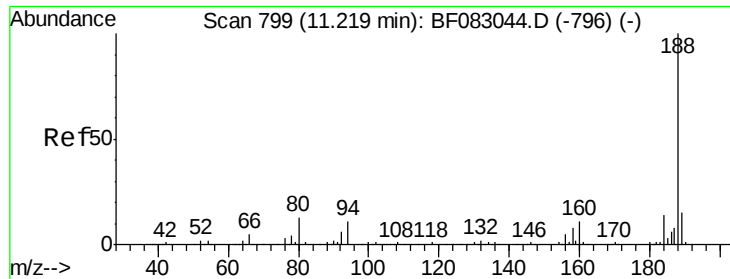
#44
 2-Fluorobiphenyl
 Concen: 71.49 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083052.D
 Acq: 19 Nov 2015 23:35

Tgt Ion:172 Resp: 1270359
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.2 42.4
 170 24.9 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

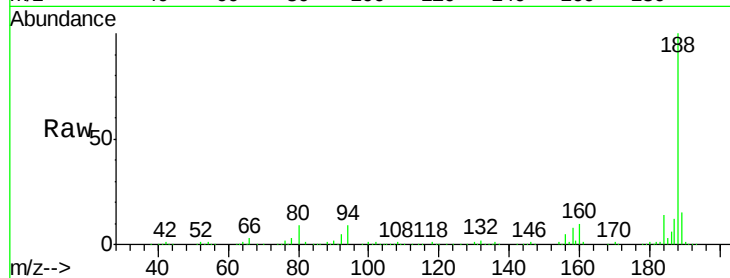




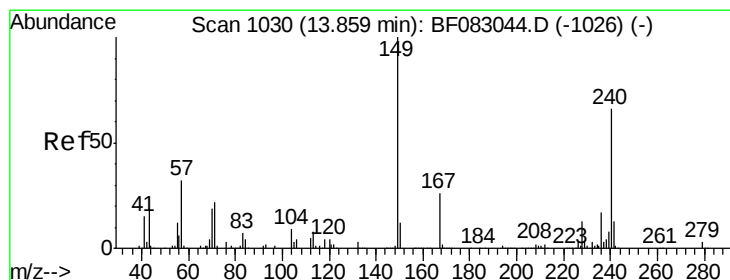
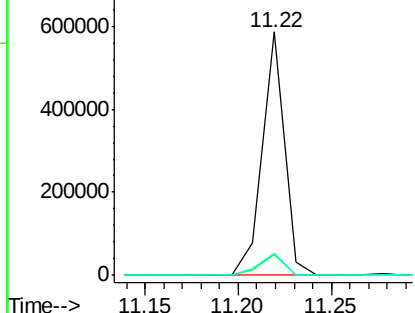
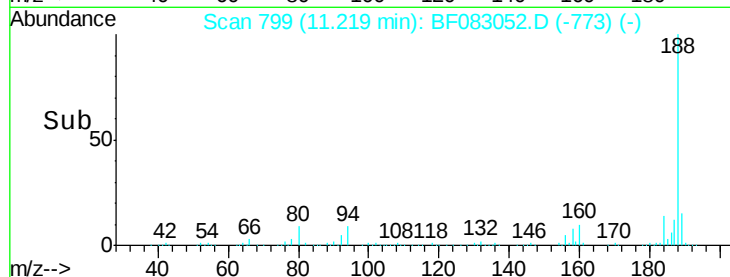
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083052.D
 Acq: 19 Nov 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB86723BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	9.0	13.4#
80	9.1	10.2	15.4#

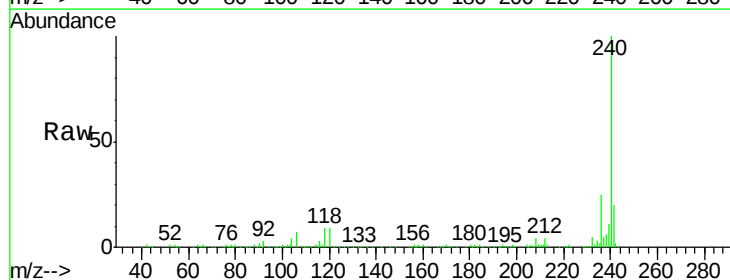


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

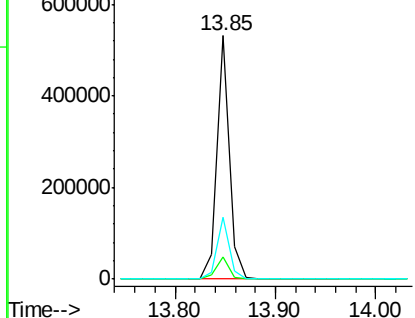
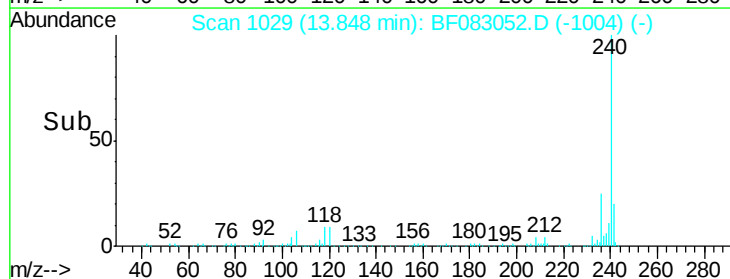


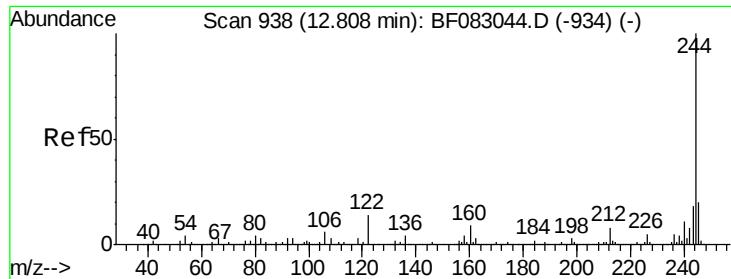
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083052.D
 Acq: 19 Nov 2015 23:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	5.3	7.9#
236	25.3	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

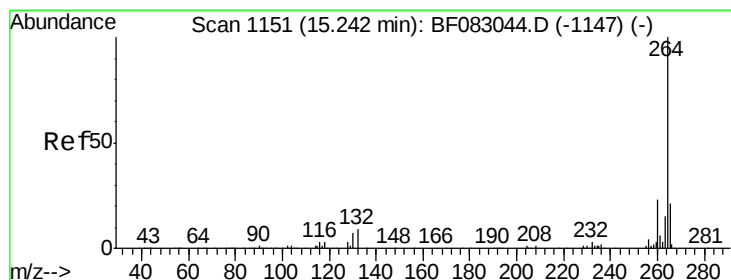
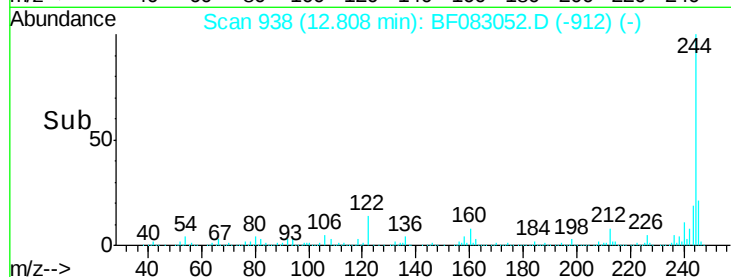
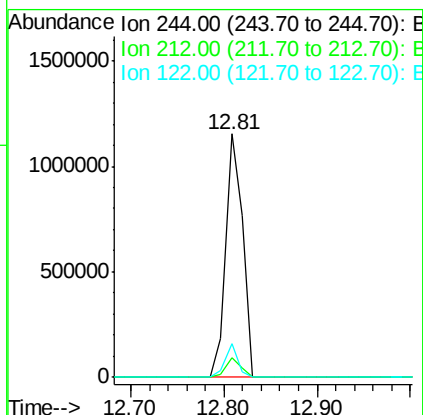
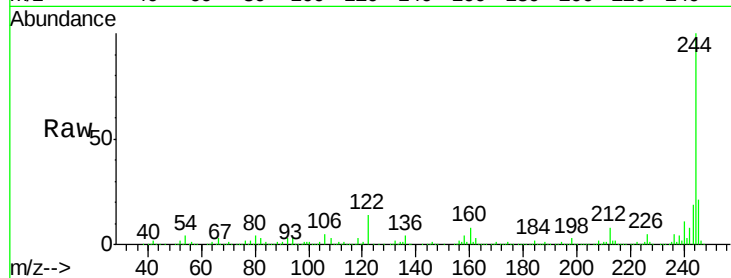




#78
 Terphenyl-d14
 Concen: 75.55 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083052.D
 Acq: 19 Nov 2015 23:35

Instrument :
 BNA_F
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 PB86723BL

Tgt Ion:244 Resp: 1455649
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.8 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: BF083052.D
 Acq: 19 Nov 2015 23:35

Tgt Ion:264 Resp: 382439
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.4 17.0 25.6

