

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083954.D
 Acq On : 19 Dec 2015 15:07
 Operator : UM/SJ
 Sample : PB87359BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87359BL

Quant Time: Dec 21 03:13:01 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 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55831	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	246043	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	114007	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	221520	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	182636	20.00	ng	-0.03
86) Perylene-d12	15.44	264	136577	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	406681	113.99	ng	-0.01
7) Phenol-d6	6.50	99	562043	128.71	ng	-0.01
23) Nitrobenzene-d5	7.41	82	331098	76.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	145035	115.48	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	610757	73.66	ng	-0.03
78) Terphenyl-d14	12.96	244	684467	87.83	ng	-0.02

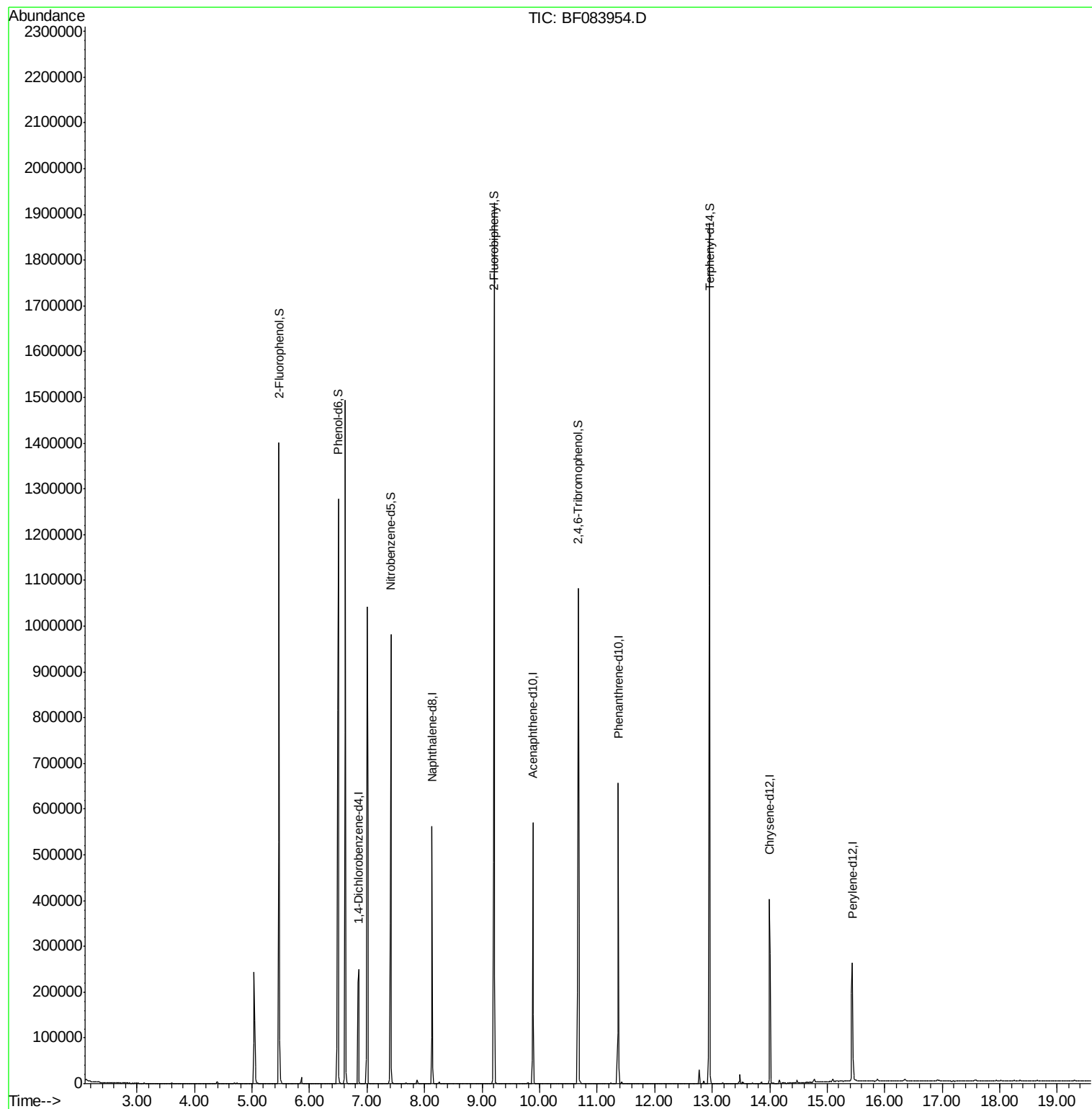
Target Compounds Qvalue

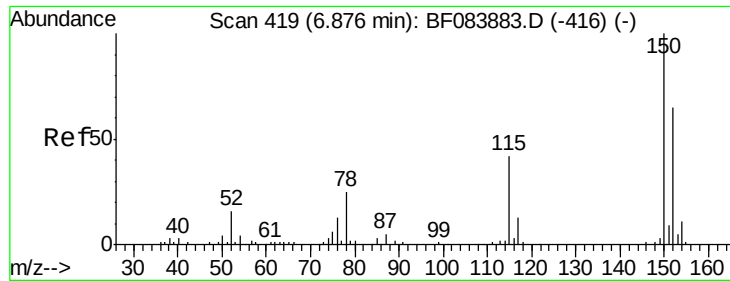
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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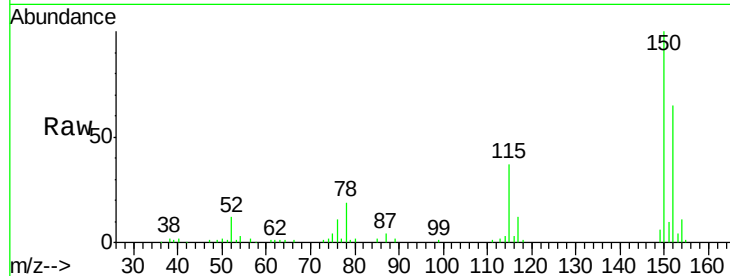


#1

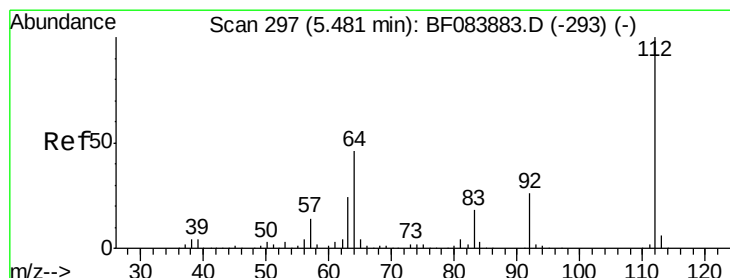
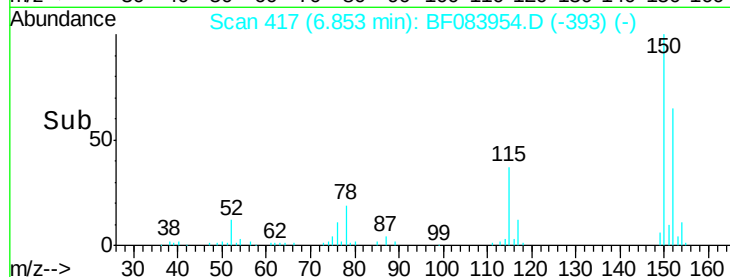
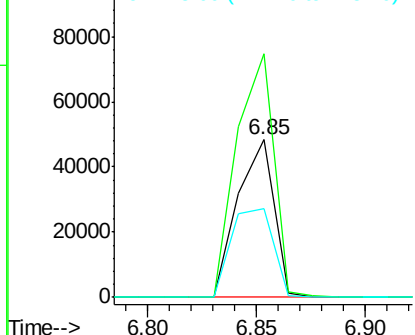
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB87359BL

Tot Ion:152 Resp: 55831
Ion Ratio Lower Upper
152 100
150 154.6 123.0 184.4
115 56.7 51.4 77.2



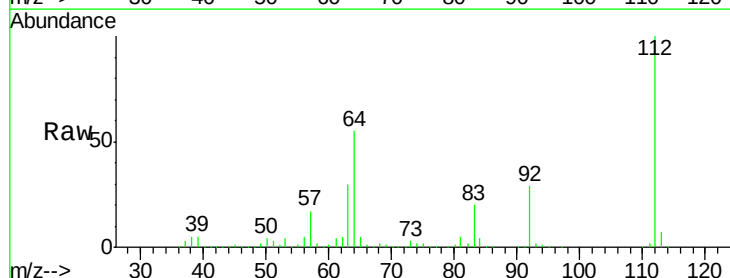
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



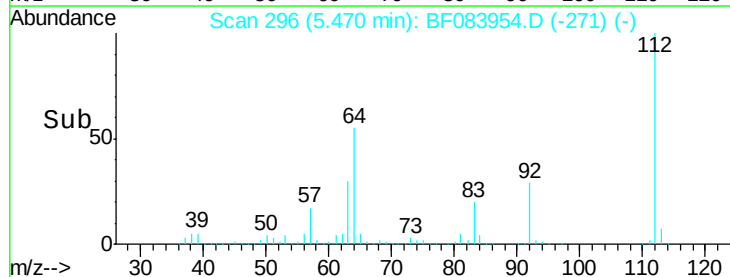
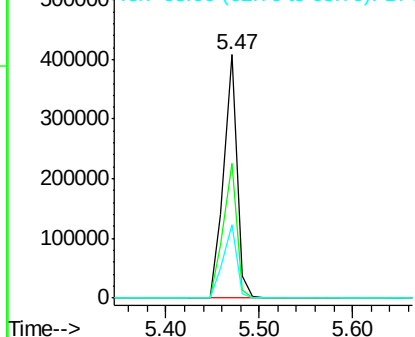
#5

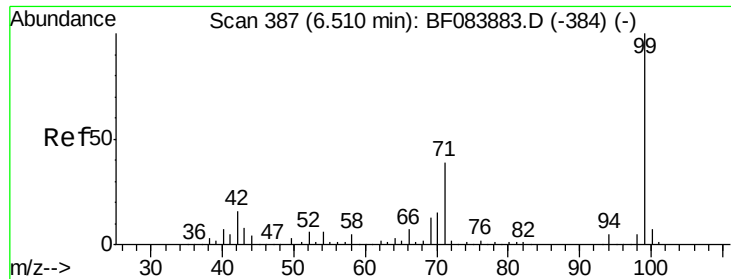
2-Fluorophenol
Concen: 113.99 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Tgt Ion:112 Resp: 406681
Ion Ratio Lower Upper
112 100
64 55.3 36.6 55.0#
63 30.3 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: 128.71 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083954.D

Acq: 19 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB87359BL

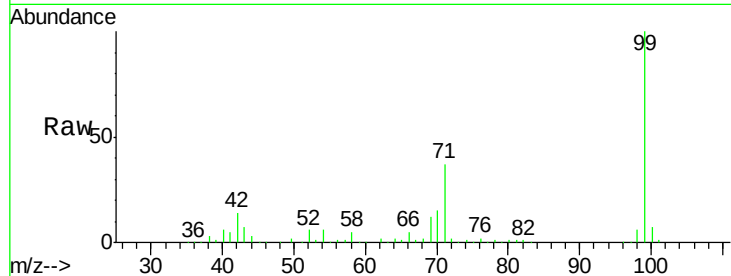
Tot Ion: 99 Resp: 562043

Ion Ratio Lower Upper

99 100

42 14.2 12.8 19.2

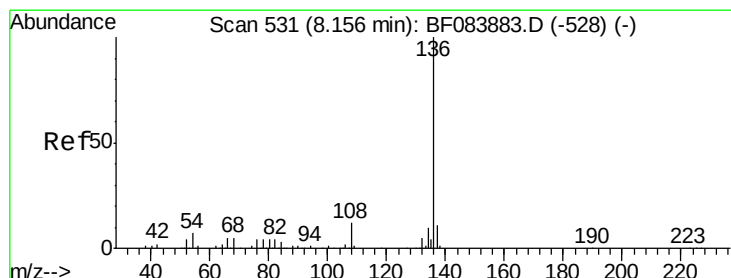
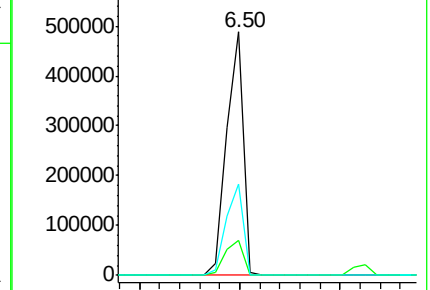
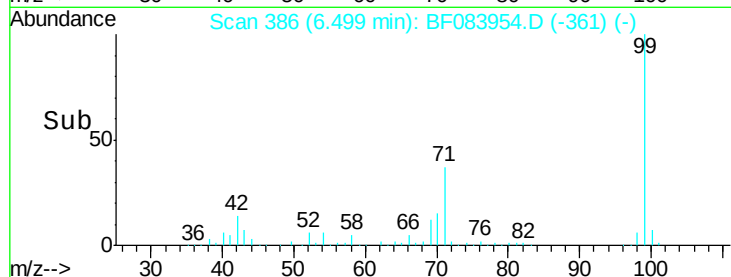
71 37.3 30.9 46.3



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: 8.13 min Scan# 529

Delta R.T. -0.02 min

Lab File: BF083954.D

Acq: 19 Dec 2015 15:07

Tgt Ion: 136 Resp: 246043

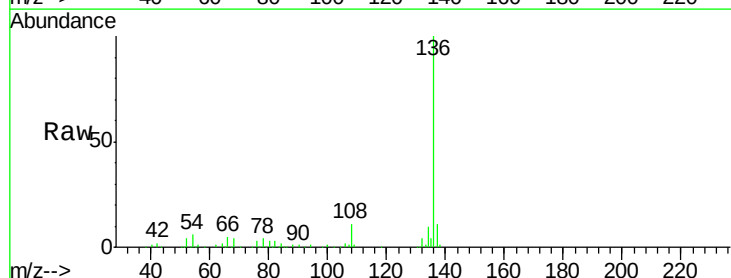
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 5.7 5.8 8.8#

68 4.2 4.2 6.2#

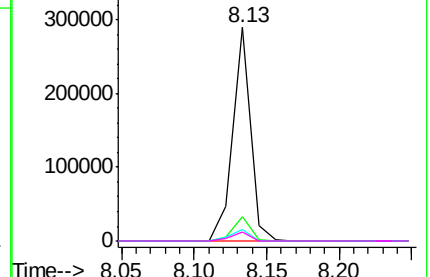
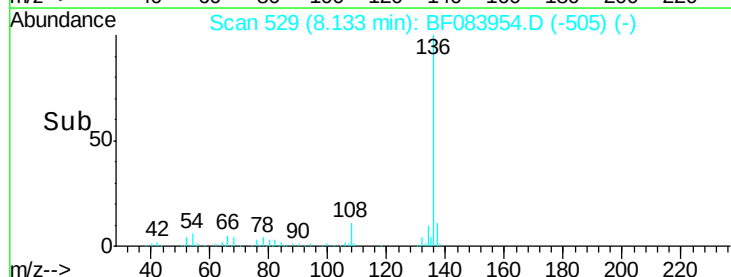


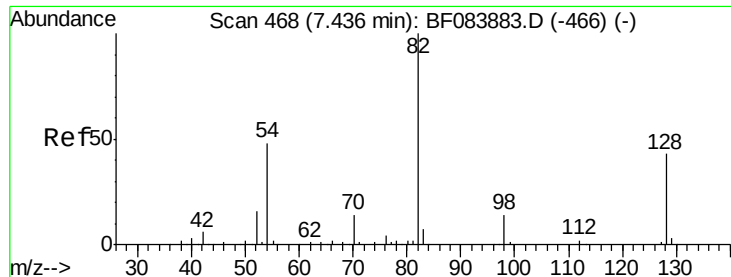
Abundance Ion 136.00 (135.70 to 136.70): E

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

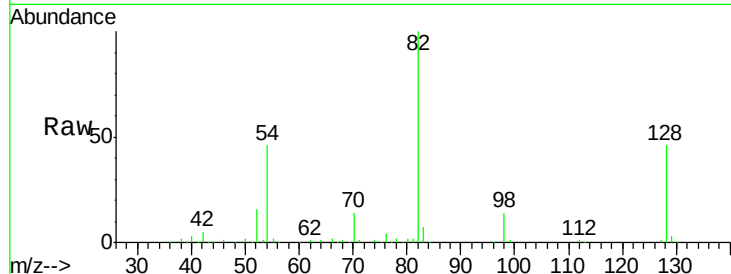




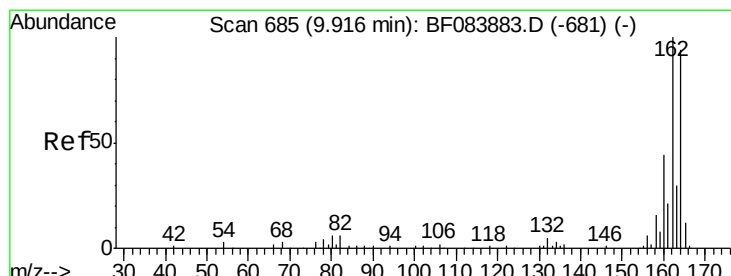
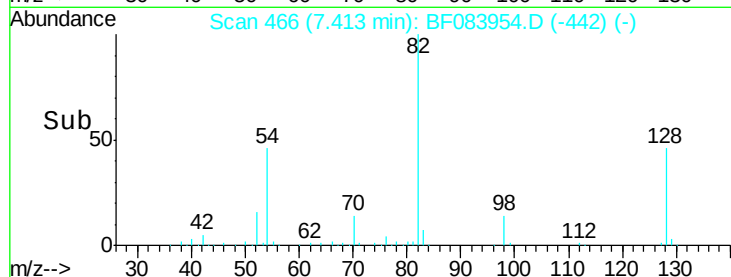
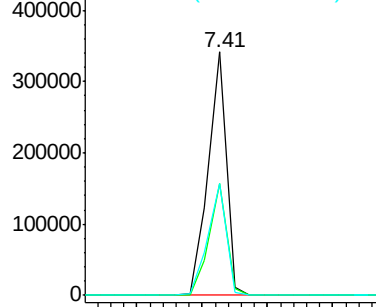
#23
Nitrobenzene-d5
Concen: 76.80 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB87359BL

Tot Ion	82	Resp	331098
Ion Ratio	100	Lower	Upper
128	45.8	34.6	51.8
54	46.1	38.4	57.6

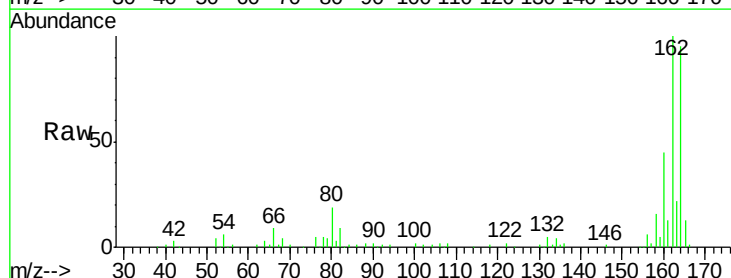


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

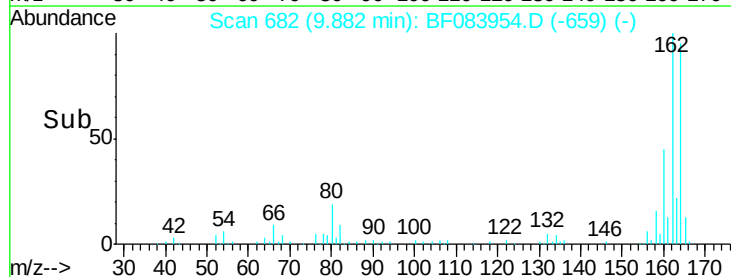
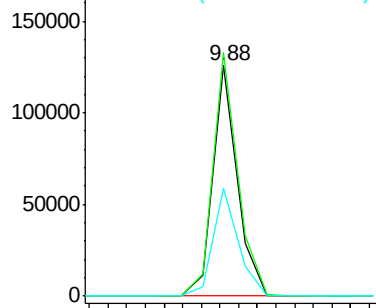


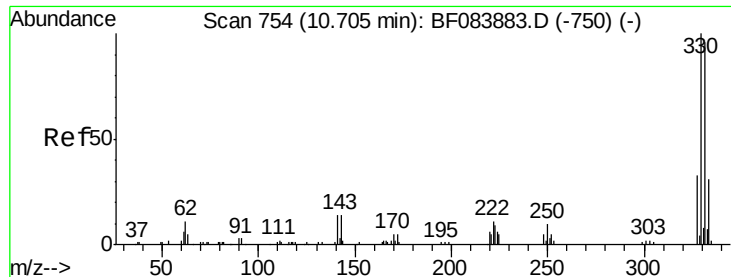
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Tgt Ion	164	Resp	114007
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	105.6	85.1	127.7
160	47.0	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

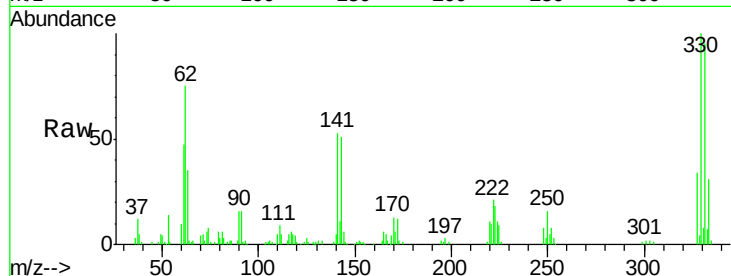




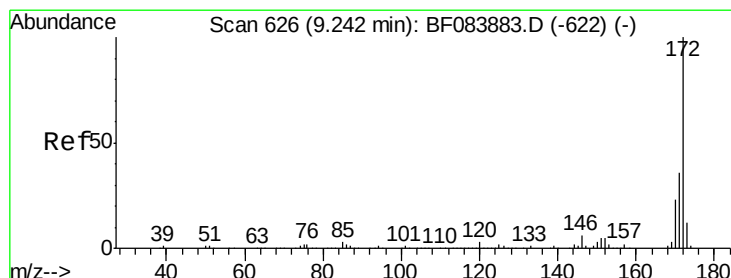
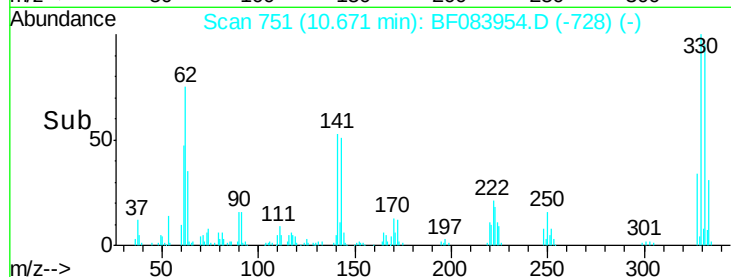
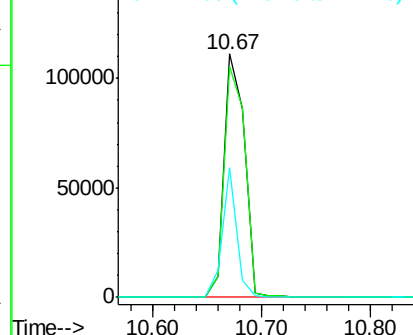
#41
 2,4,6-Tribromophenol
 Concen: 115.48 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083954.D
 Acq: 19 Dec 2015 15:07

Instrument :
 BNA_F
 ClientSampleID :
 PB87359BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	114.8
141	38.0	27.8	41.6

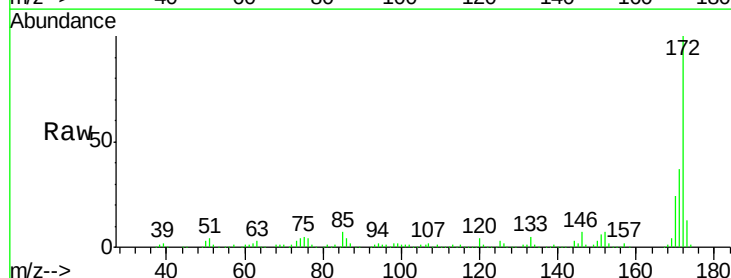


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

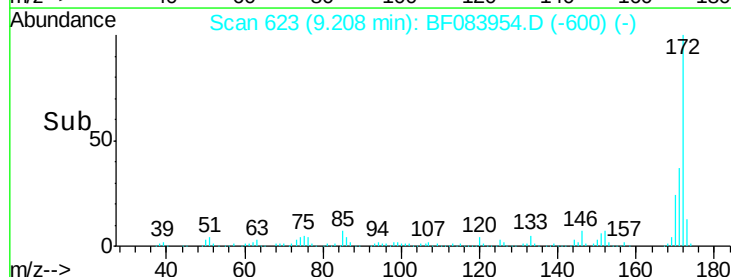
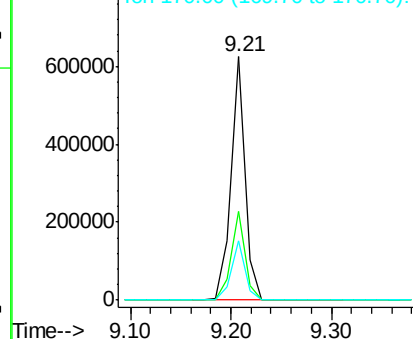


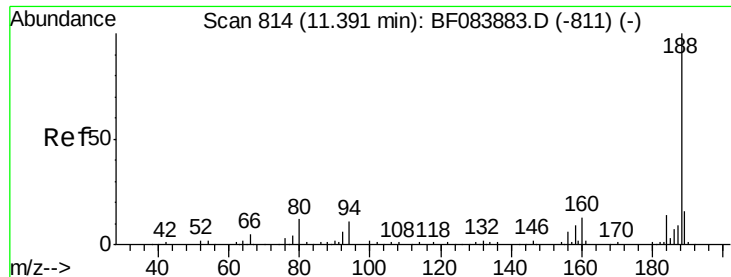
#44
 2-Fluorobiphenyl
 Concen: 73.66 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083954.D
 Acq: 19 Dec 2015 15:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.4	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

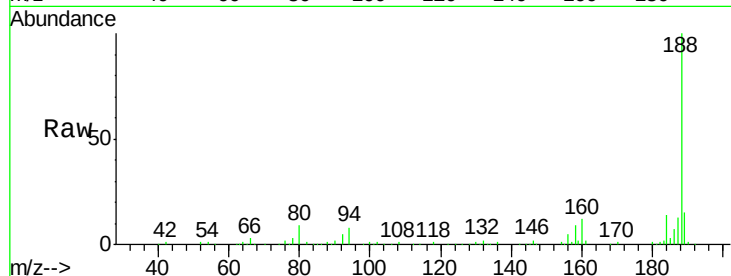




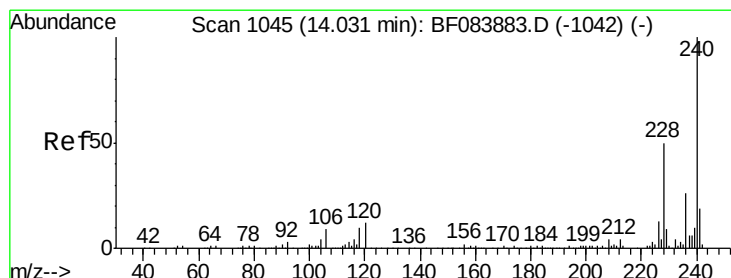
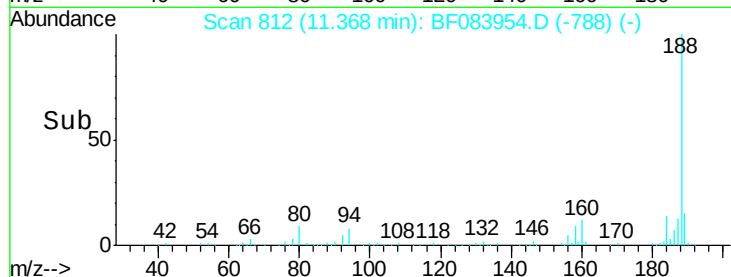
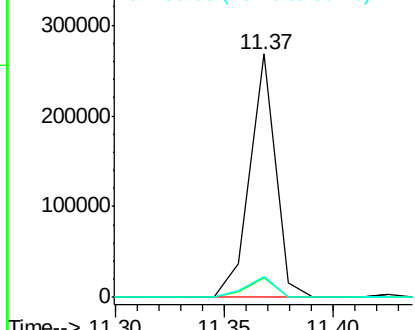
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Instrument :
BNA_F
ClientSampleId :
PB87359BL

Tot Ion:188 Resp: 221520
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.6 9.6 14.4#

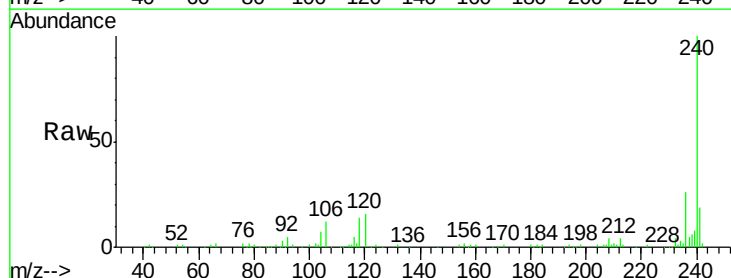


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

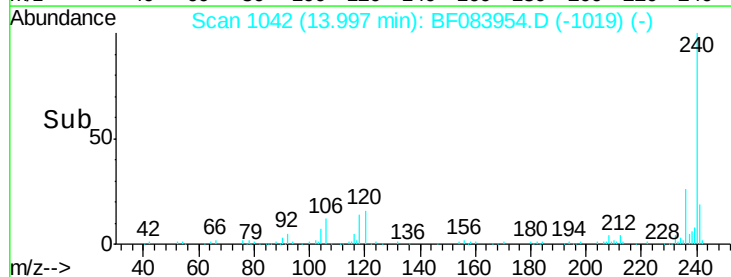
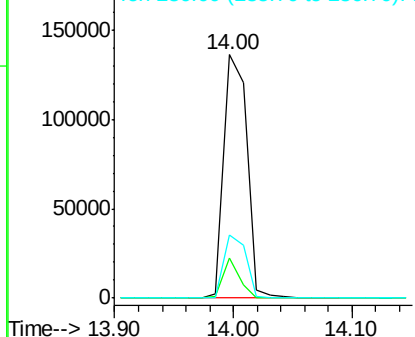


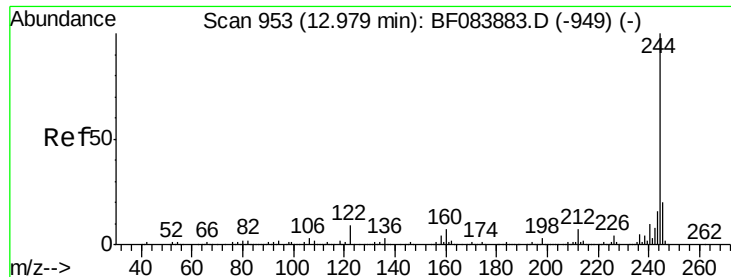
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083954.D
Acq: 19 Dec 2015 15:07

Tgt Ion:240 Resp: 182636
Ion Ratio Lower Upper
240 100
120 16.5 9.5 14.3#
236 25.9 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: 87.83 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083954.D

Acq: 19 Dec 2015 15:07

Instrument :

BNA_F

ClientSampleId :

PB87359BL

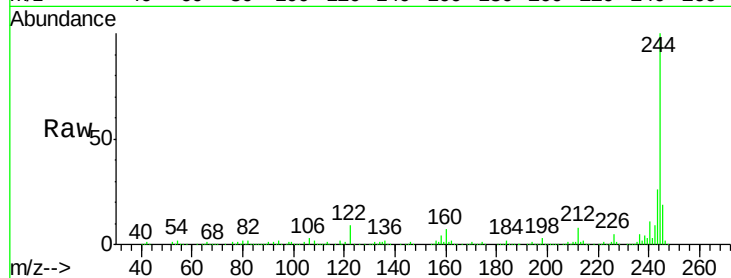
Tot Ion:244 Resp: 684467

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	8.9	7.4	11.0

244 100

212 7.5 5.7 8.5

122 8.9 7.4 11.0



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

12.96

800000

600000

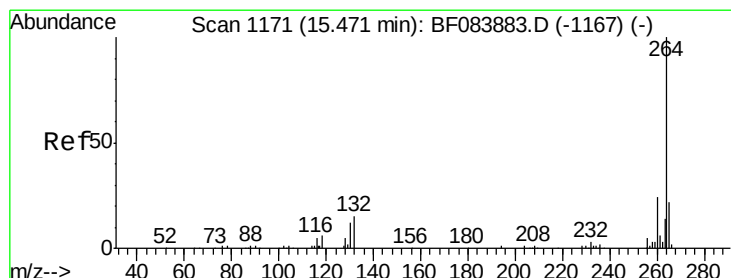
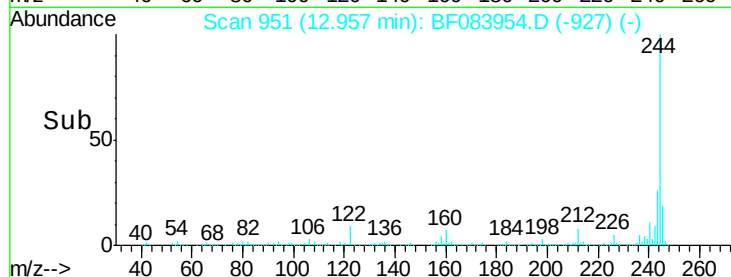
400000

200000

0

Time-->

12.90 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083954.D

Acq: 19 Dec 2015 15:07

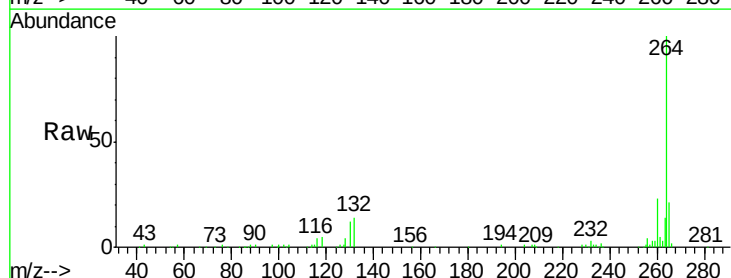
Tgt Ion:264 Resp: 136577

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	20.8	17.8	26.6

264 100

260 23.5 19.4 29.2

265 20.8 17.8 26.6



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

15.44

100000

50000

0

Time-->

15.40 15.50 15.60

