

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
 Data File : BF083955.D
 Acq On : 19 Dec 2015 15:34
 Operator : UM/SJ
 Sample : PB87359TB
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Quant Time: Dec 21 03:15:12 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	55150	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	246924	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	115421	20.00	ng	-0.03
63) Phenanthrene-d10	11.37	188	225690	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	183956	20.00	ng	-0.03
86) Perylene-d12	15.44	264	138287	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	413065	117.21	ng	-0.01
7) Phenol-d6	6.50	99	556143	128.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	326084	75.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	141886	111.59	ng	-0.03
44) 2-Fluorobiphenyl	9.21	172	608629	72.32	ng	-0.03
78) Terphenyl-d14	12.96	244	685558	87.30	ng	-0.02

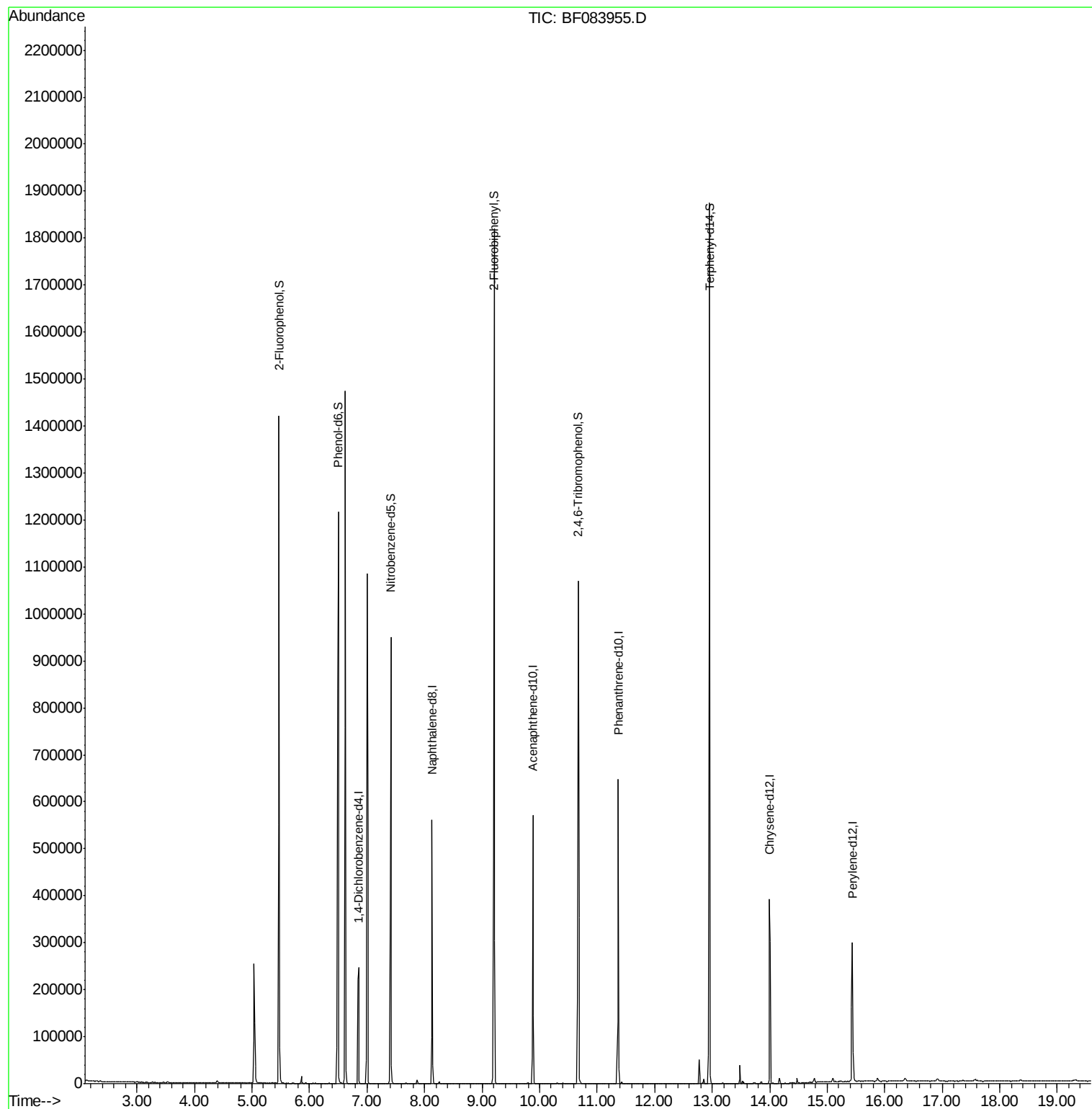
Target Compounds Qvalue

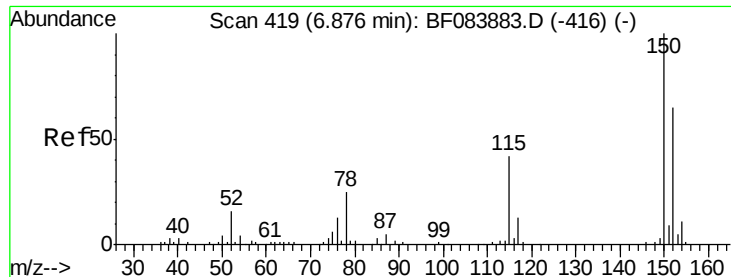
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083955.D
Acq On : 19 Dec 2015 15:34
Operator : UM/SJ
Sample : PB87359TB
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87359TB

Quant Time: Dec 21 03:15:12 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



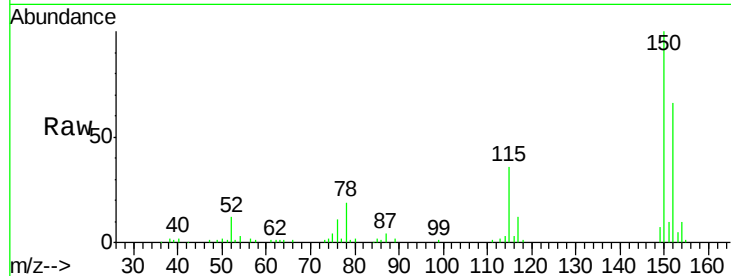


#1

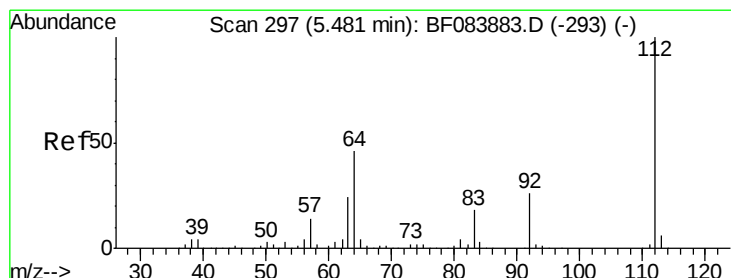
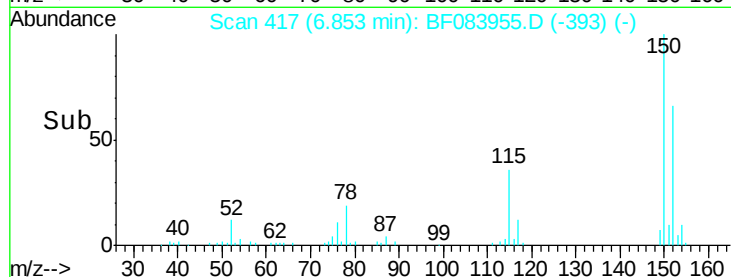
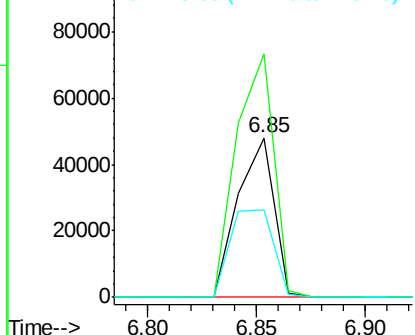
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Instrument :
BNA_F
ClientSampleID :
PB87359TB

Tot Ion:152 Resp: 55150
Ion Ratio Lower Upper
152 100
150 152.7 123.0 184.4
115 54.7 51.4 77.2



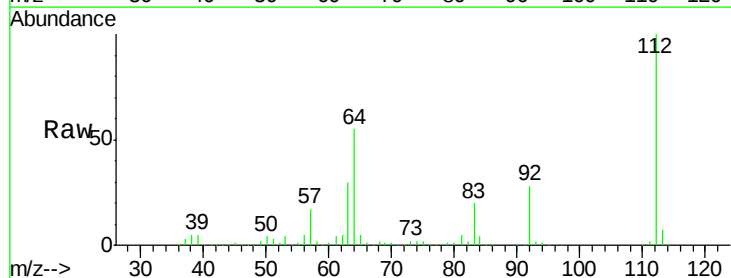
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



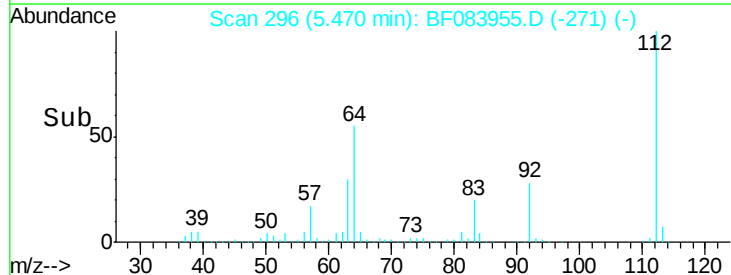
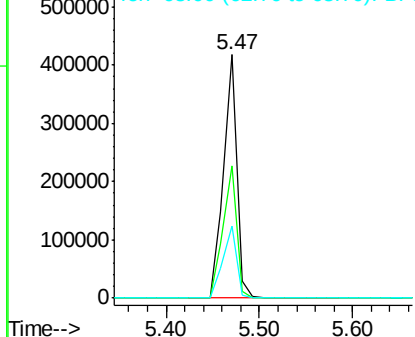
#5

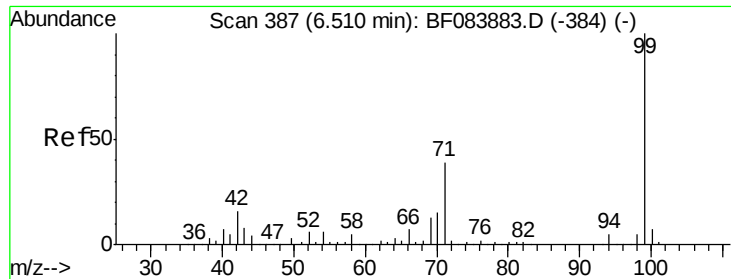
2-Fluorophenol
Concen: 117.21 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Tgt Ion:112 Resp: 413065
Ion Ratio Lower Upper
112 100
64 54.6 36.6 55.0
63 29.6 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: 128.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampleId :

PB87359TB

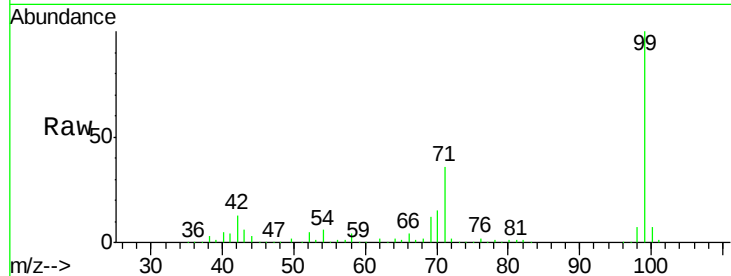
Tot Ion: 99 Resp: 556143

Ion Ratio Lower Upper

99 100

42 13.3 12.8 19.2

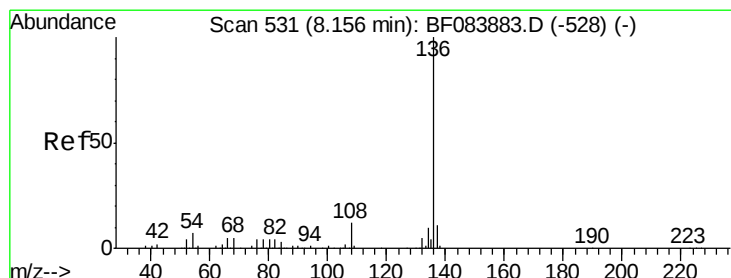
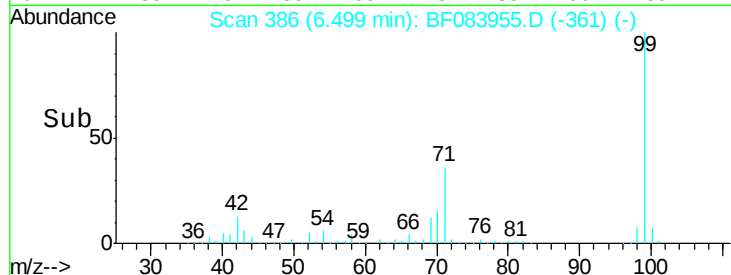
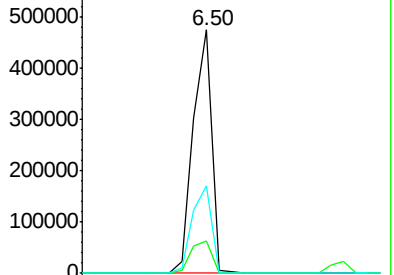
71 36.0 30.9 46.3



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: BF083955.D

Acq: 19 Dec 2015 15:34

Tgt Ion: 136 Resp: 246924

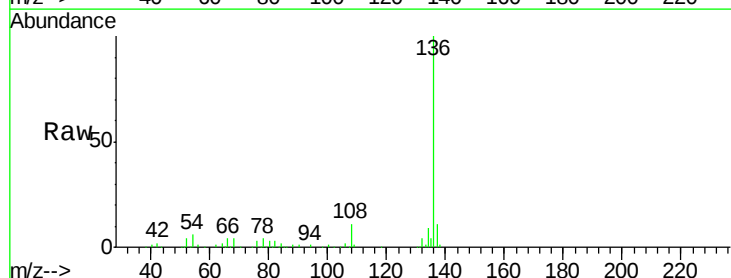
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 5.7 5.8 8.8#

68 4.3 4.2 6.2

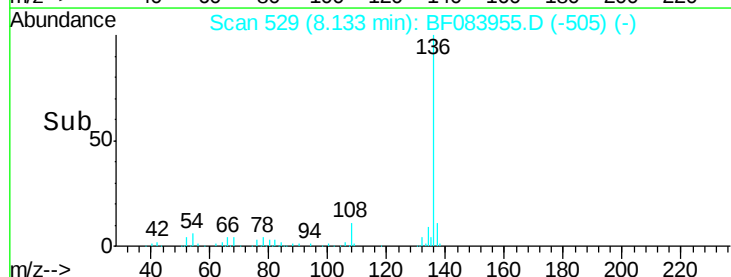
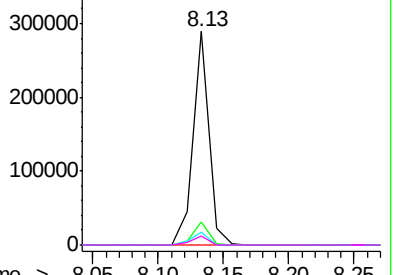


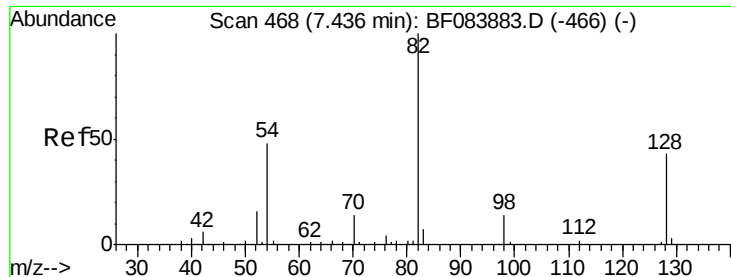
Abundance Ion 136.00 (135.70 to 136.70): E

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

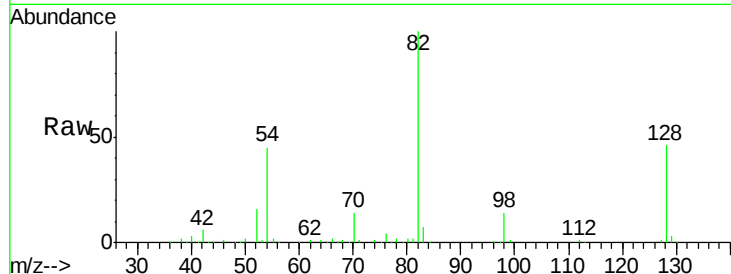




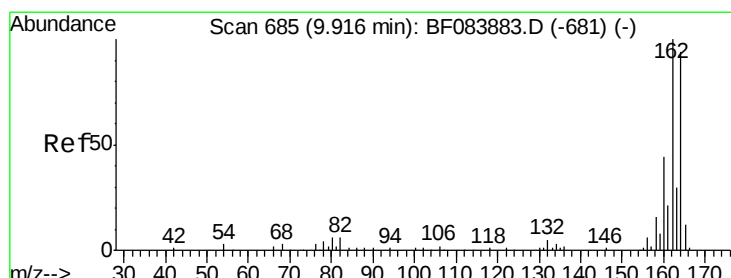
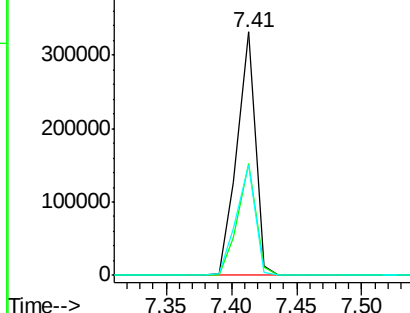
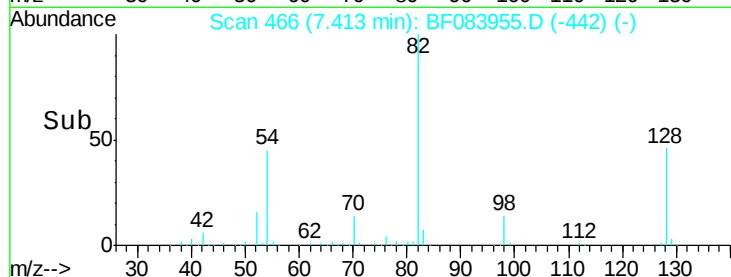
#23
 Nitrobenzene-d5
 Concen: 75.37 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	45.5	38.4	57.6

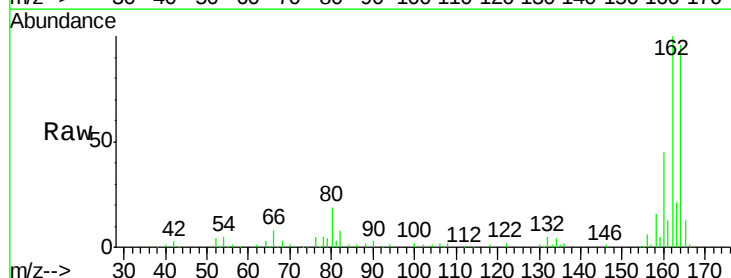


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

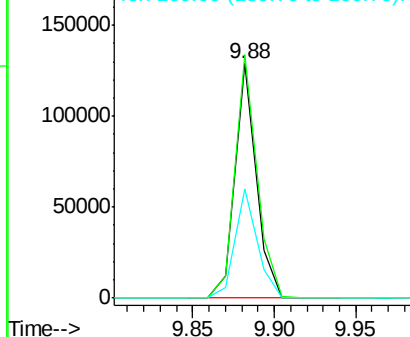
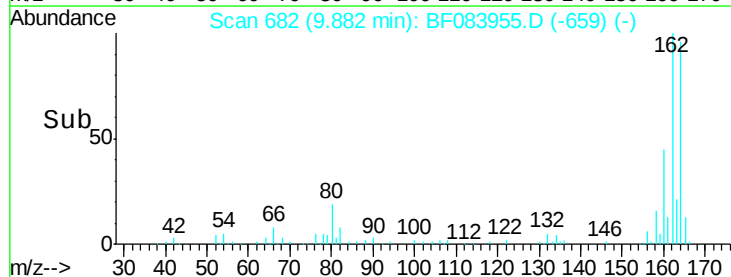


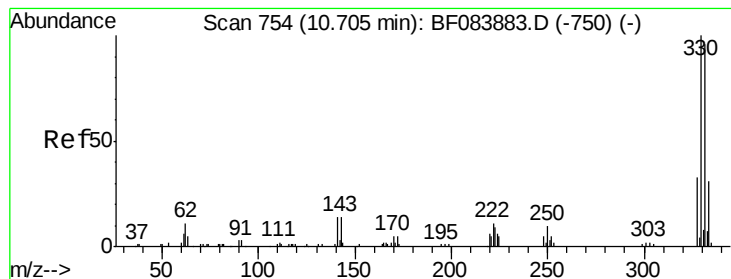
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.03 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.1	127.7
160	46.7	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

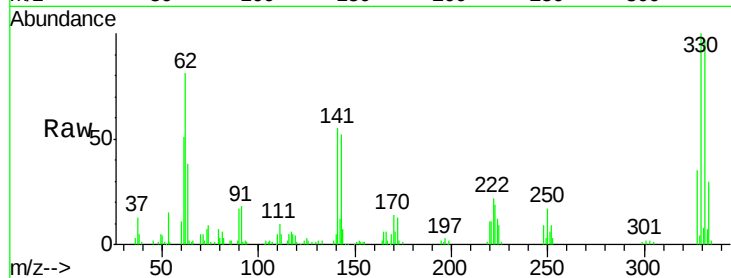




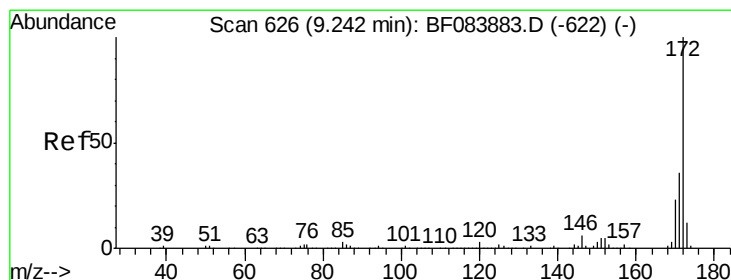
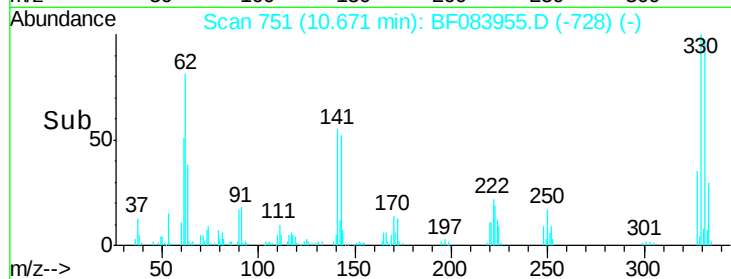
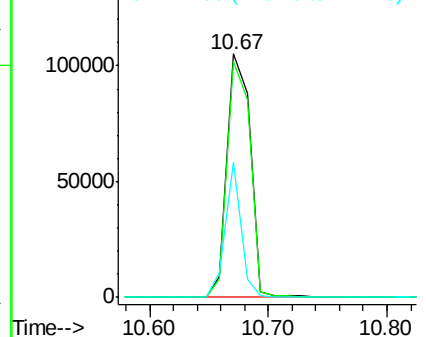
#41
 2,4,6-Tribromophenol
 Concen: 111.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.03 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB87359TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	114.8
141	37.5	27.8	41.6

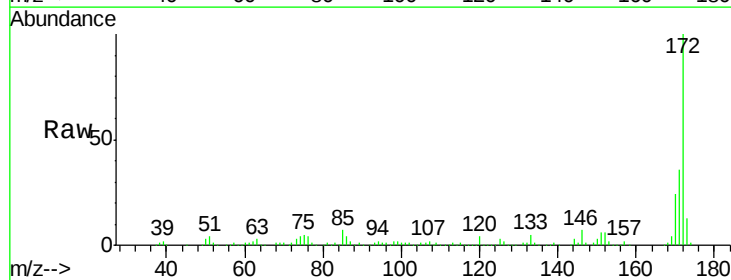


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

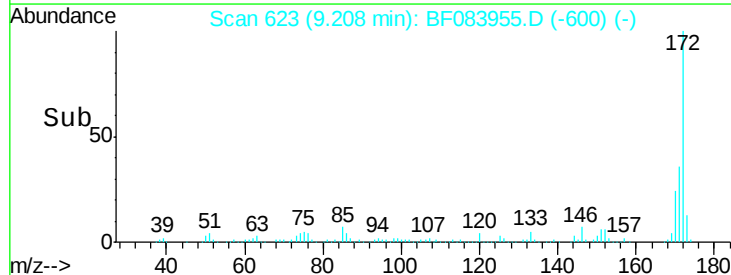
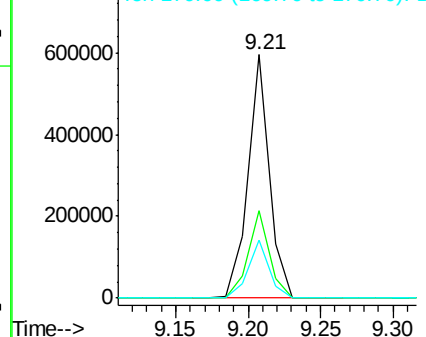


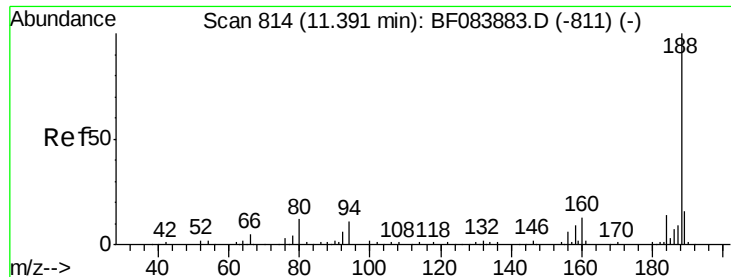
#44
 2-Fluorobiphenyl
 Concen: 72.32 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF083955.D
 Acq: 19 Dec 2015 15:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.8	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

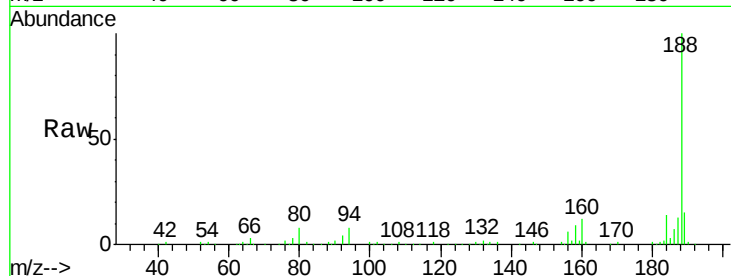




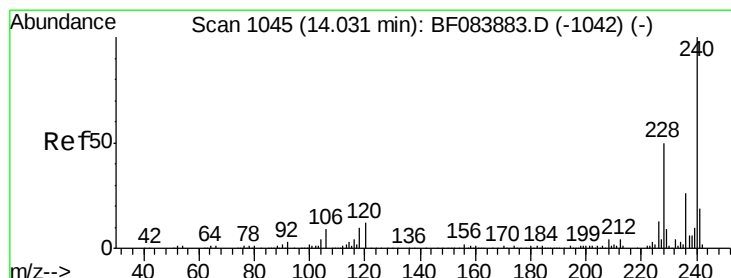
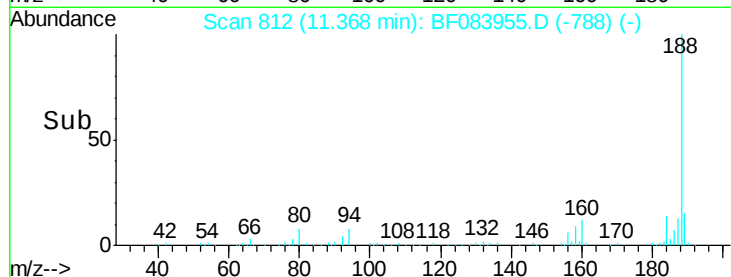
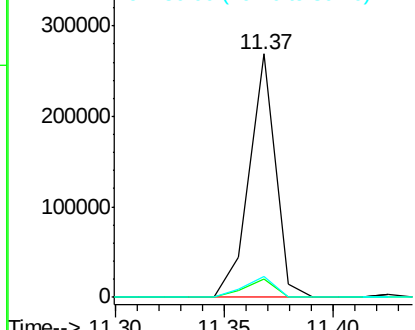
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Instrument :
BNA_F
ClientSampleId :
PB87359TB

Tot Ion:188 Resp: 225690
Ion Ratio Lower Upper
188 100
94 7.8 9.0 13.4#
80 8.4 9.6 14.4#

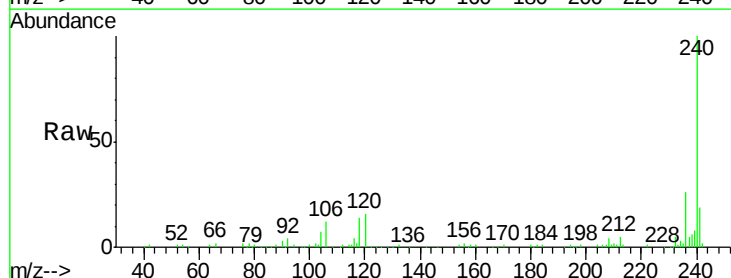


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

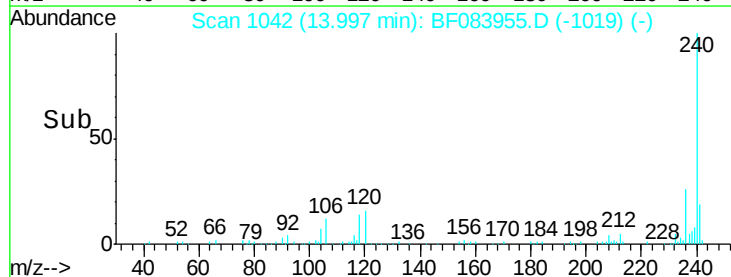
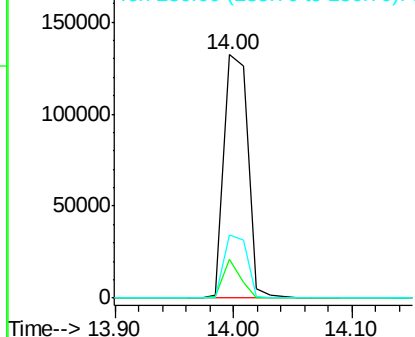


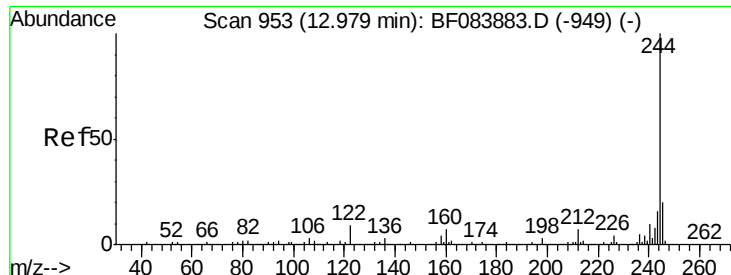
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BF083955.D
Acq: 19 Dec 2015 15:34

Tgt Ion:240 Resp: 183956
Ion Ratio Lower Upper
240 100
120 15.9 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: 87.30 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.02 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

Instrument :

BNA_F

ClientSampleId :

PB87359TB

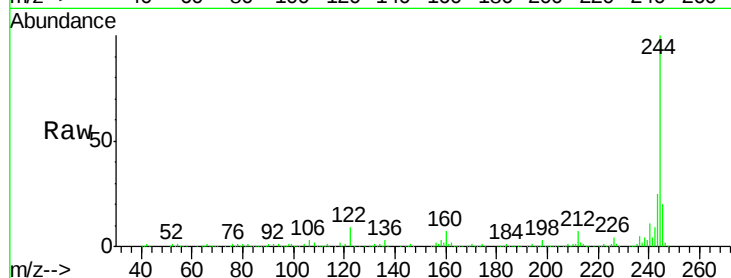
Tot Ion:244 Resp: 685558

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

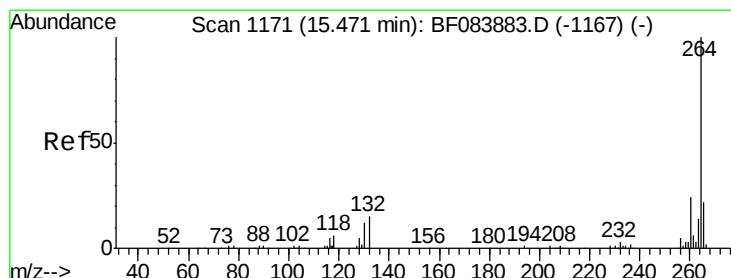
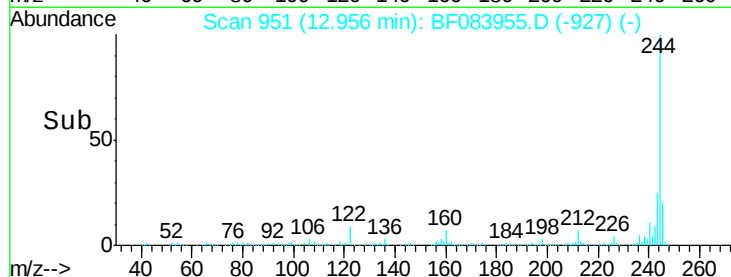
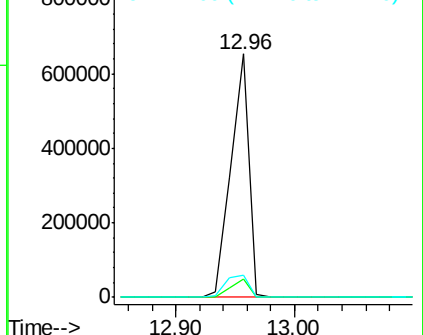
122 8.9 7.4 11.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083955.D

Acq: 19 Dec 2015 15:34

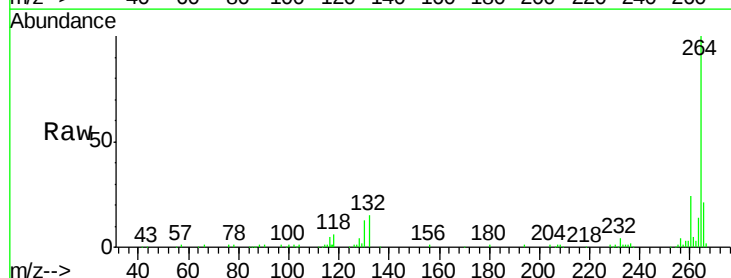
Tgt Ion:264 Resp: 138287

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 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

