

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083916.D
 Acq On : 18 Dec 2015 16:45
 Operator : UM/SJ
 Sample : PB87351BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Quant Time: Dec 19 04:30:29 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	6.86	152	57132	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	246410	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	131116	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	262358	20.00	ng	0.00
75) Chrysene-d12	14.02	240	245334	20.00	ng	-0.01
86) Perylene-d12	15.46	264	162480	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	54285	14.87	ng	-0.01
7) Phenol-d6	6.50	99	62670	14.02	ng	-0.01
23) Nitrobenzene-d5	7.42	82	37369	8.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	19975	13.83	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	91450	7.92	ng	-0.02
78) Terphenyl-d14	12.97	244	116177	5.18	ng	-0.01

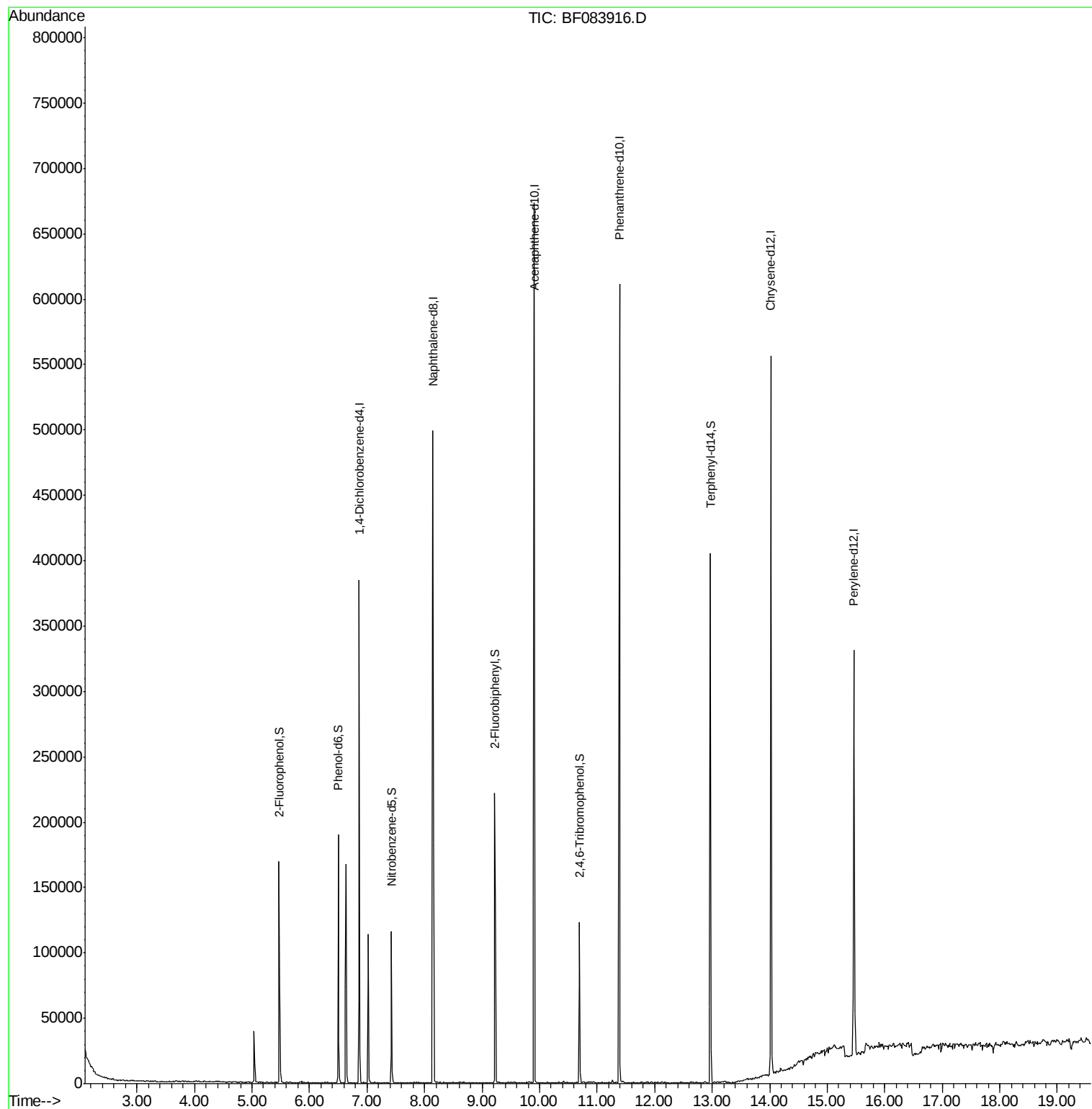
Target Compounds	Qvalue
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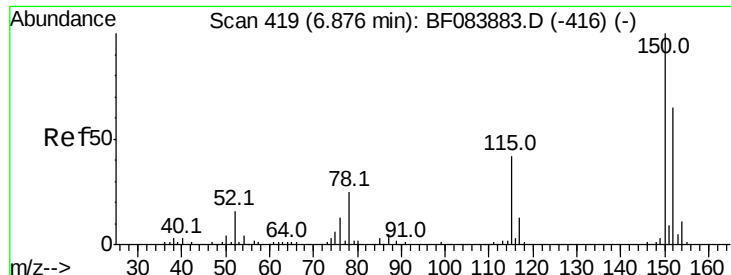
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

Instrument :

BNA_F

ClientSampleId :

PB87351BL

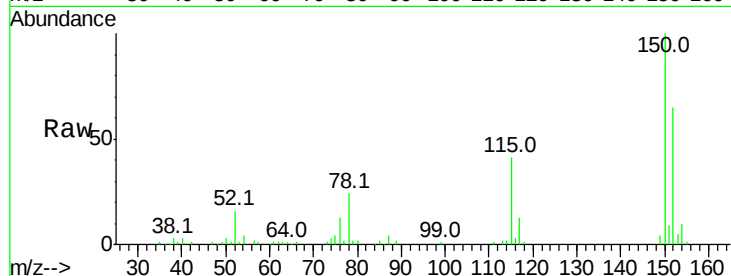
Tot Ion:152 Resp: 57132

Ion Ratio Lower Upper

152 100

150 154.2 123.0 184.4

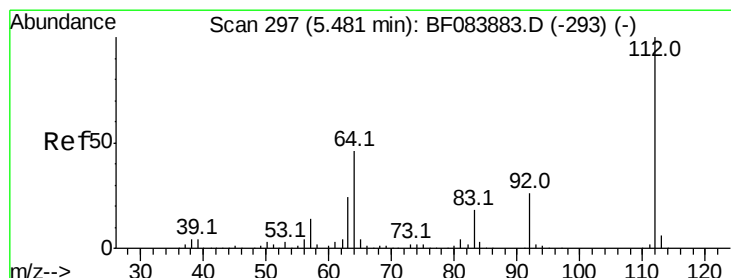
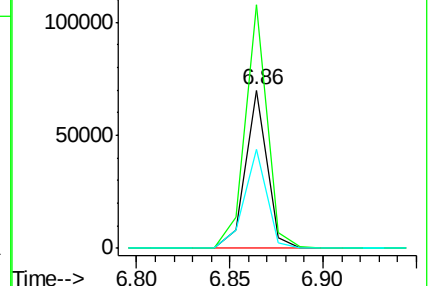
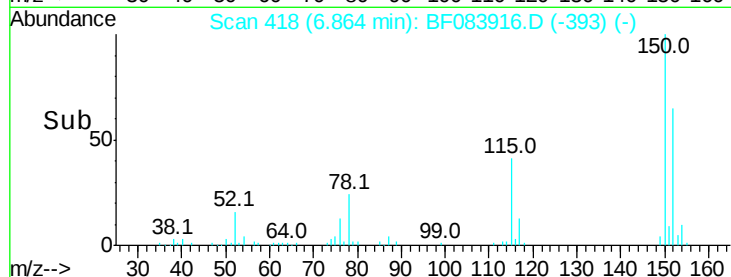
115 63.0 51.4 77.2



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: 14.87 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

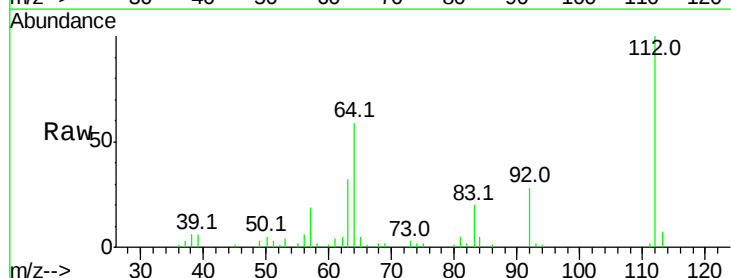
Tgt Ion:112 Resp: 54285

Ion Ratio Lower Upper

112 100

64 59.2 36.6 55.0#

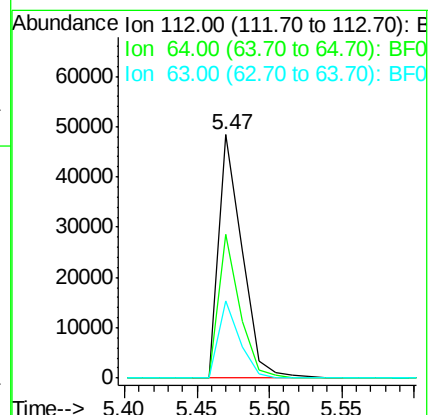
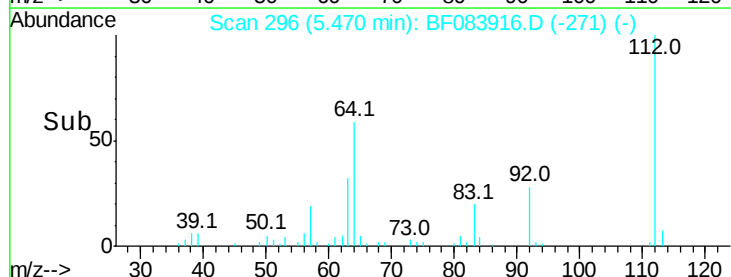
63 31.6 19.4 29.0#

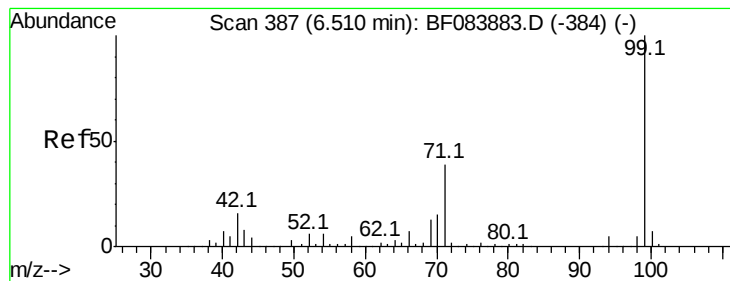


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.02 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

Instrument :

BNA_F

ClientSampleId :

PB87351BL

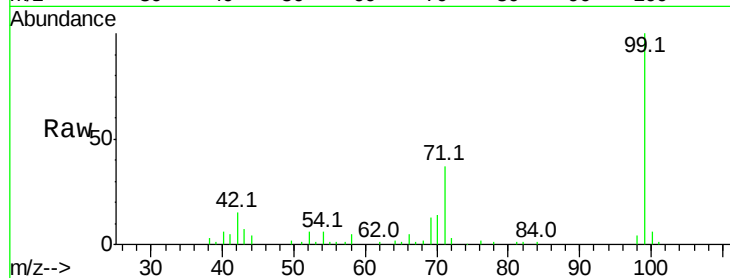
Tot Ion: 99 Resp: 62670

Ion Ratio Lower Upper

99 100

42 15.1 12.8 19.2

71 36.6 30.9 46.3

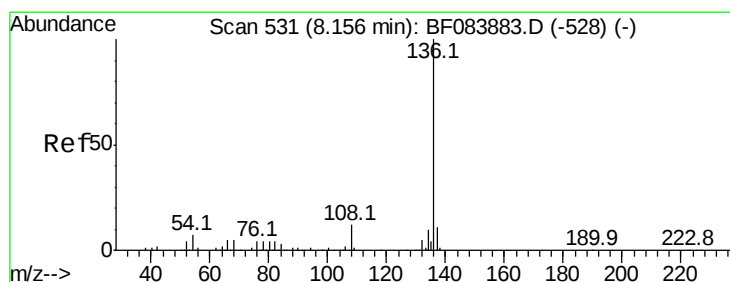
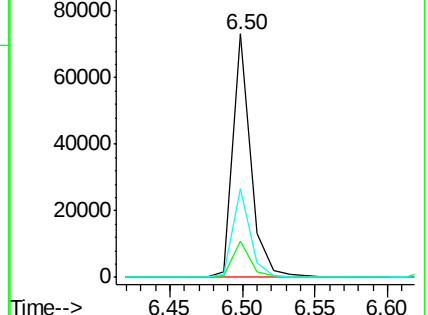
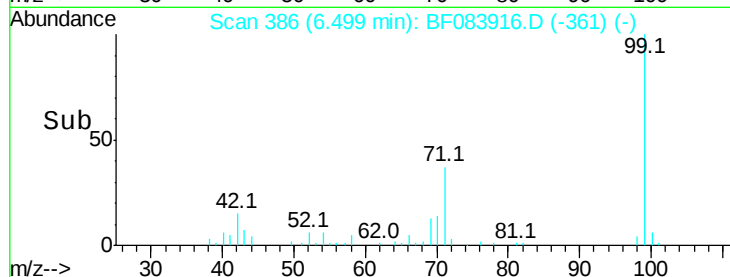


Abundance

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: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF083916.D

Acq: 18 Dec 2015 16:45

Tgt Ion: 136 Resp: 246410

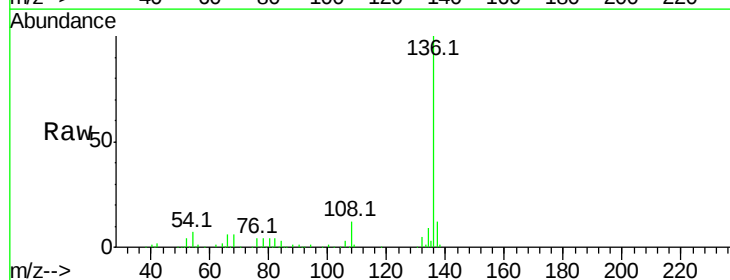
Ion Ratio Lower Upper

136 100

137 11.5 8.7 13.1

54 7.2 5.8 8.8

68 5.8 4.2 6.2



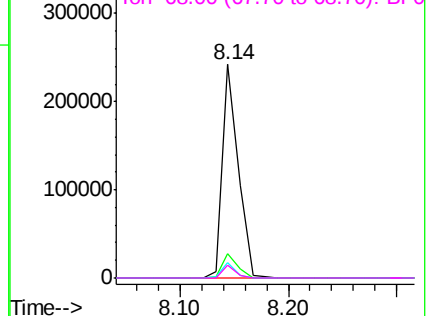
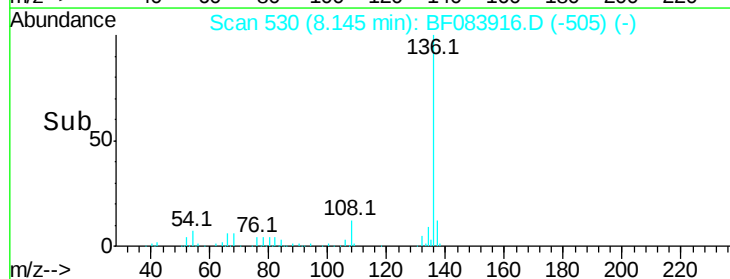
Abundance

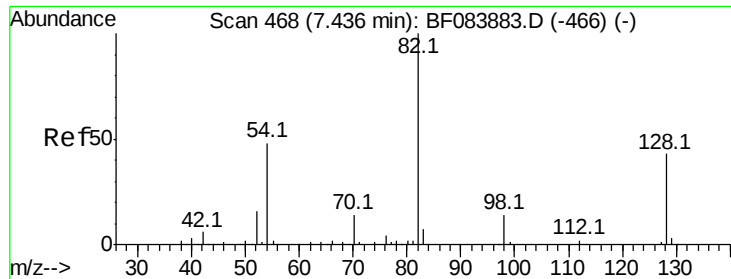
Ion 136.00 (135.70 to 136.70): E

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

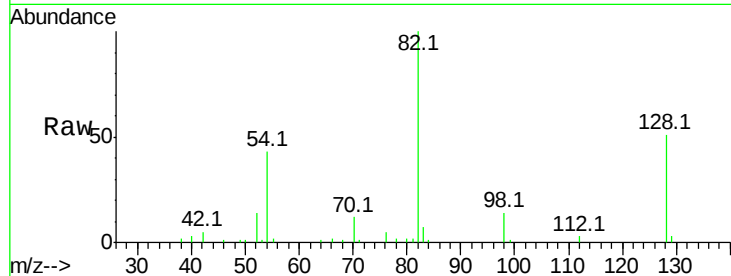




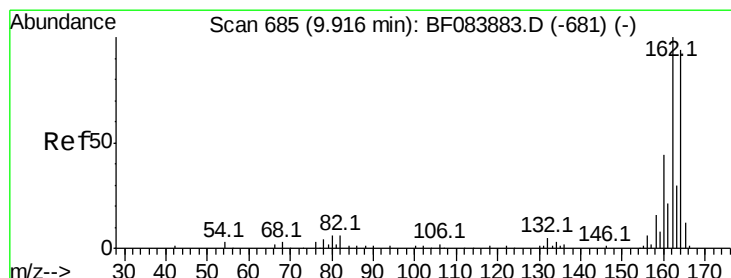
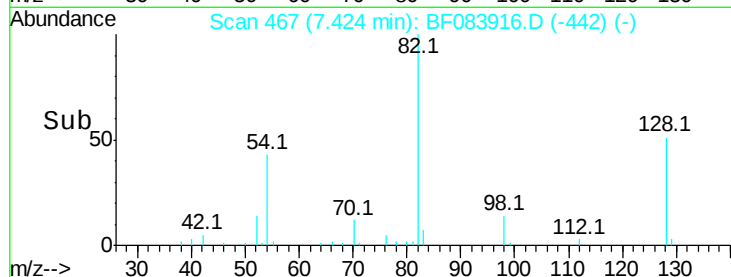
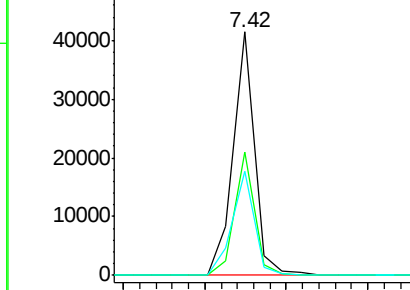
#23
 Nitrobenzene-d5
 Concen: 8.66 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tot Ion	82	Resp	37369
Ion Ratio	Lower	Upper	
82	100		
128	50.6	34.6	51.8
54	42.6	38.4	57.6

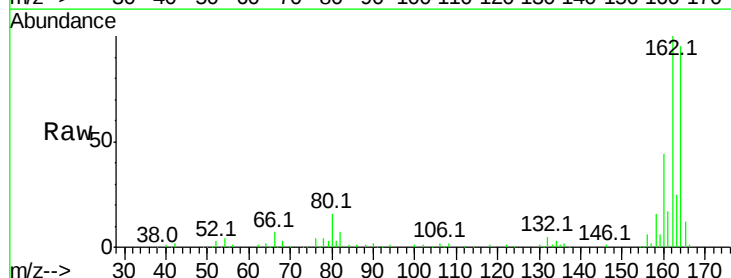


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

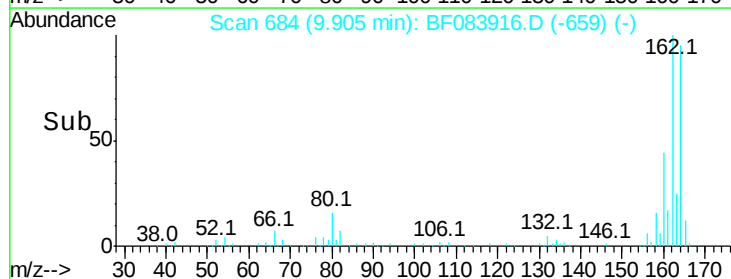
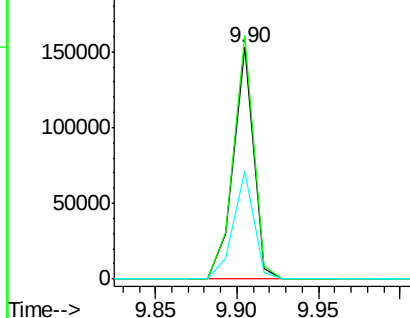


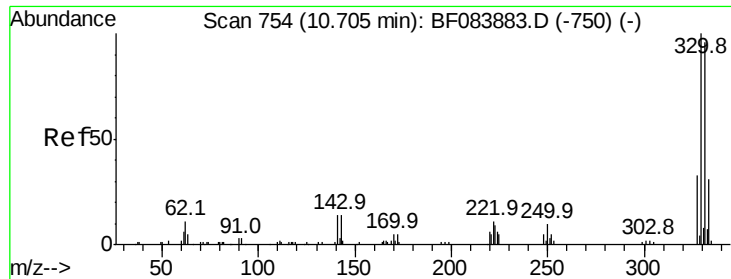
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion	164	Resp	131116
Ion Ratio	Lower	Upper	
164	100		
162	104.9	85.1	127.7
160	46.6	37.5	56.3



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

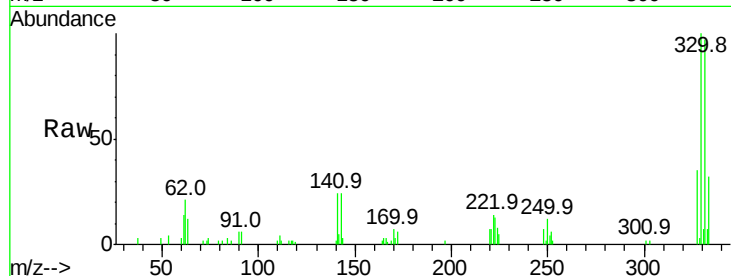




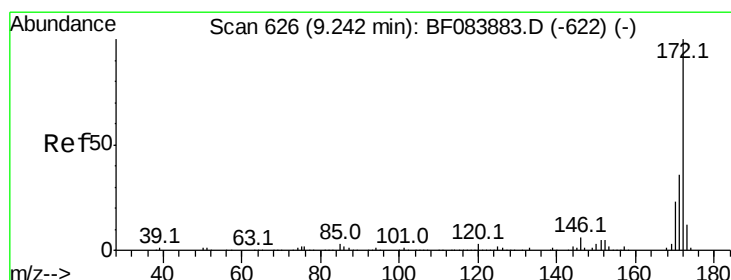
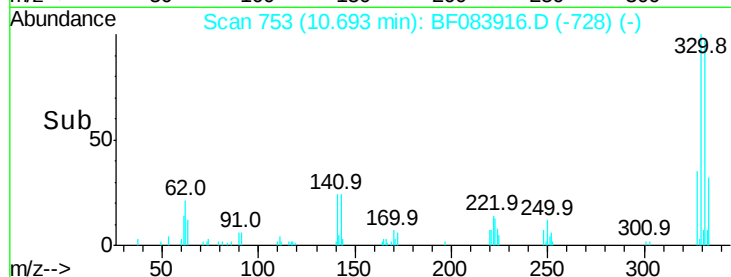
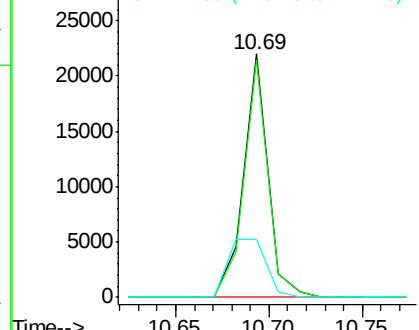
#41
 2,4,6-Tribromophenol
 Concen: 13.83 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	37.5	27.8	41.6

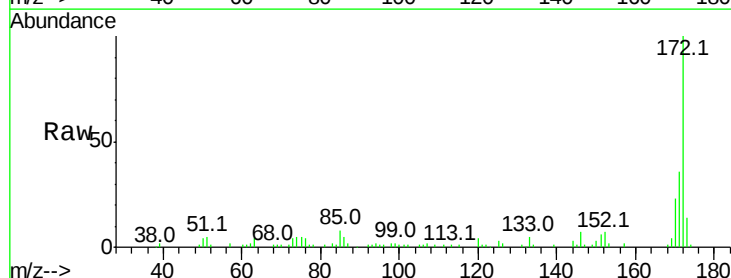


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

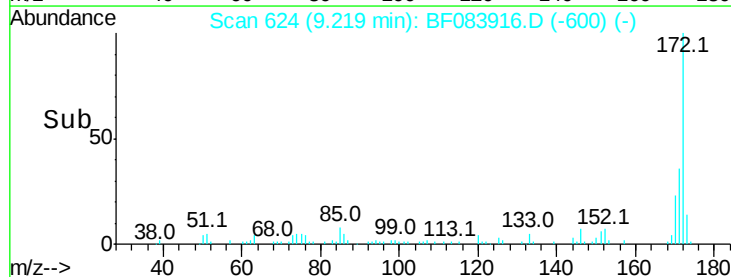
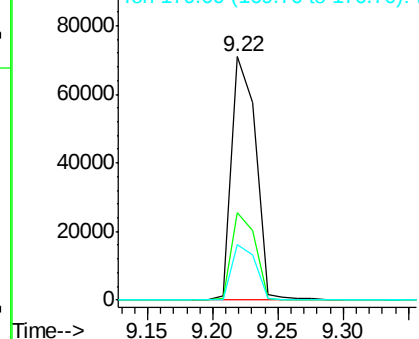


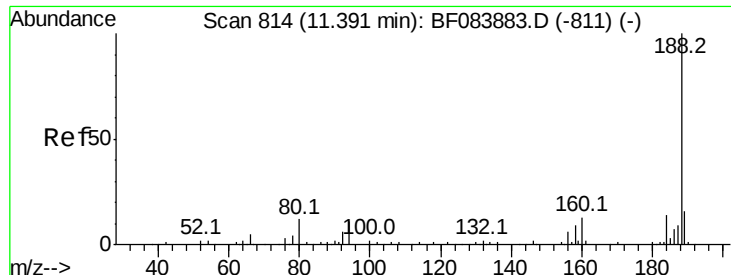
#44
 2-Fluorobiphenyl
 Concen: 7.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	22.6	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

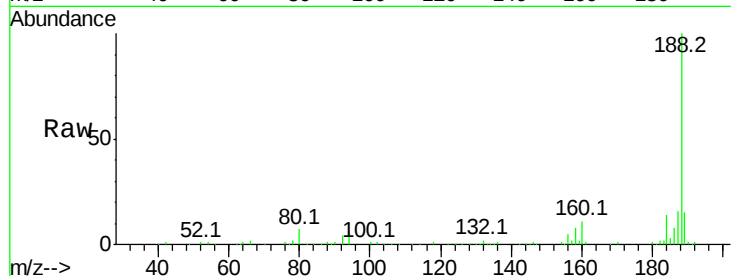




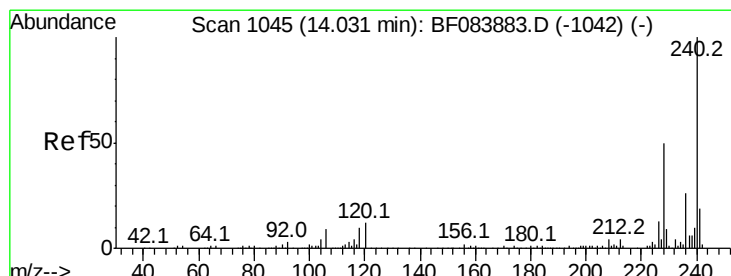
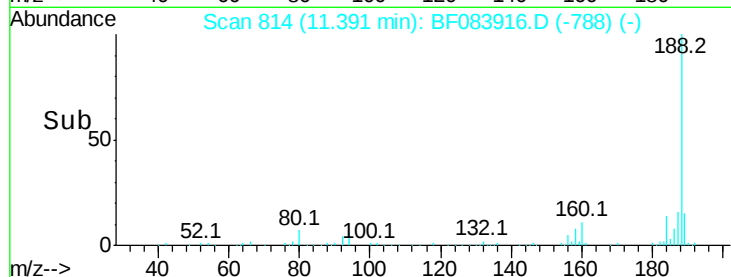
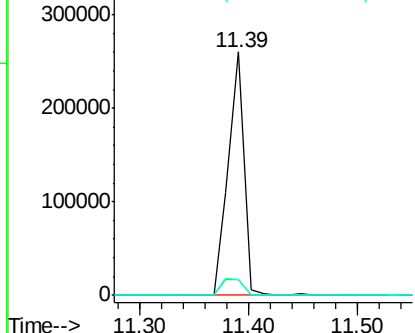
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083916.D
Acq: 18 Dec 2015 16:45

Instrument :
BNA_F
ClientSampleId :
PB87351BL

Tot Ion:188 Resp: 262358
Ion Ratio Lower Upper
188 100
94 6.4 9.0 13.4#
80 6.7 9.6 14.4#

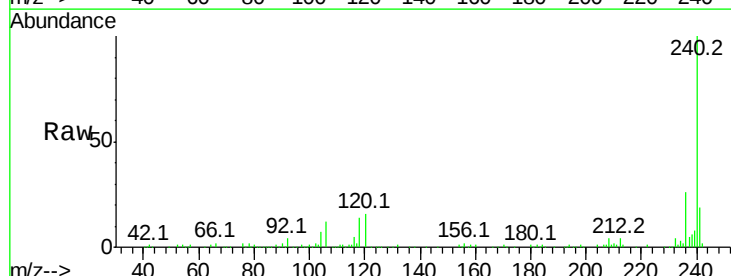


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

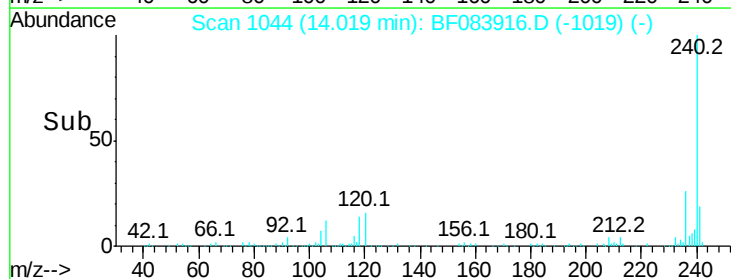
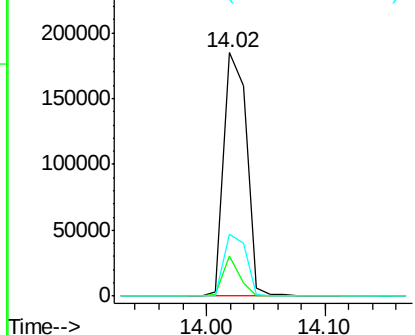


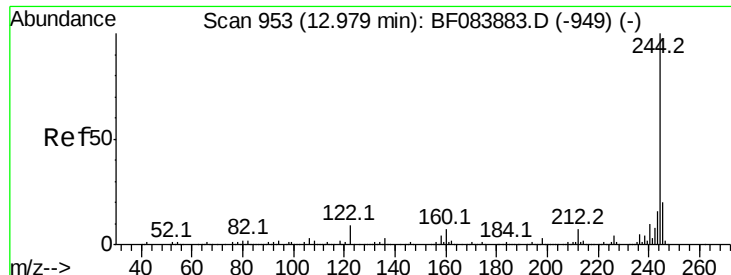
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083916.D
Acq: 18 Dec 2015 16:45

Tgt Ion:240 Resp: 245334
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 25.6 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

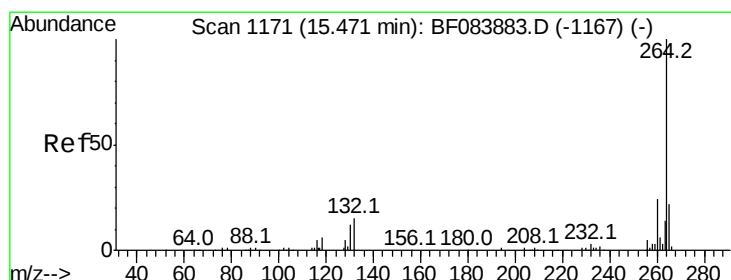
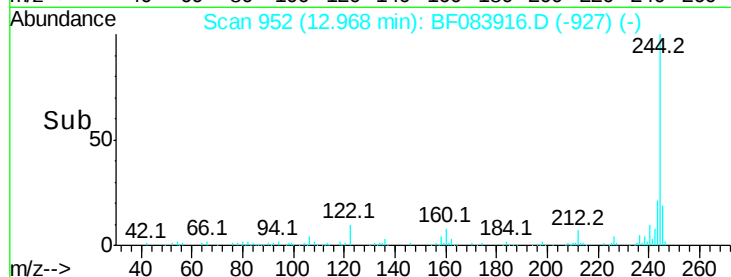
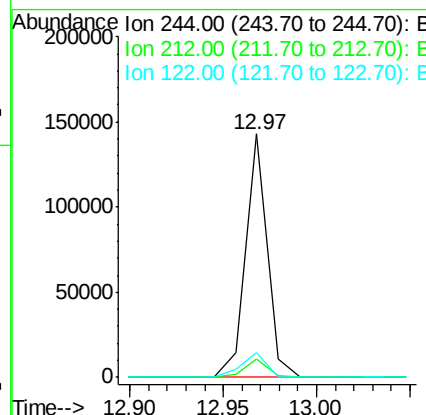
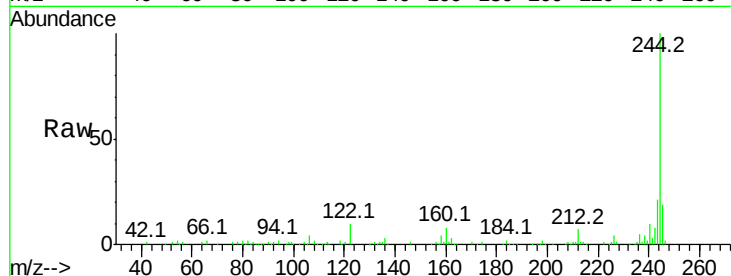




#78
 Terphenyl-d14
 Concen: 5.18 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Instrument :
 BNA_F
 ClientSampleId :
 PB87351BL

Tot Ion:244 Resp: 116177
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.4 7.4 11.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF083916.D
 Acq: 18 Dec 2015 16:45

Tgt Ion:264 Resp: 162480
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.4 17.8 26.6

