

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082817.D
 Acq On : 8 Nov 2015 2:35
 Operator : UM/IZ
 Sample : G4279-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSL-001

Quant Time: Nov 09 02:12:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	216376	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	748046	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	392425	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	559618	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	472294	20.00	ng	-0.01
86) Perylene-d12	15.44	264	431338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	684955	49.25	ng	0.01
7) Phenol-d6	6.49	99	989005	53.50	ng	0.01
23) Nitrobenzene-d5	7.41	82	1277054	74.28	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	196336	43.63	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2138484	78.10	ng	0.00
78) Terphenyl-d14	12.97	244	1687314	84.74	ng	0.00

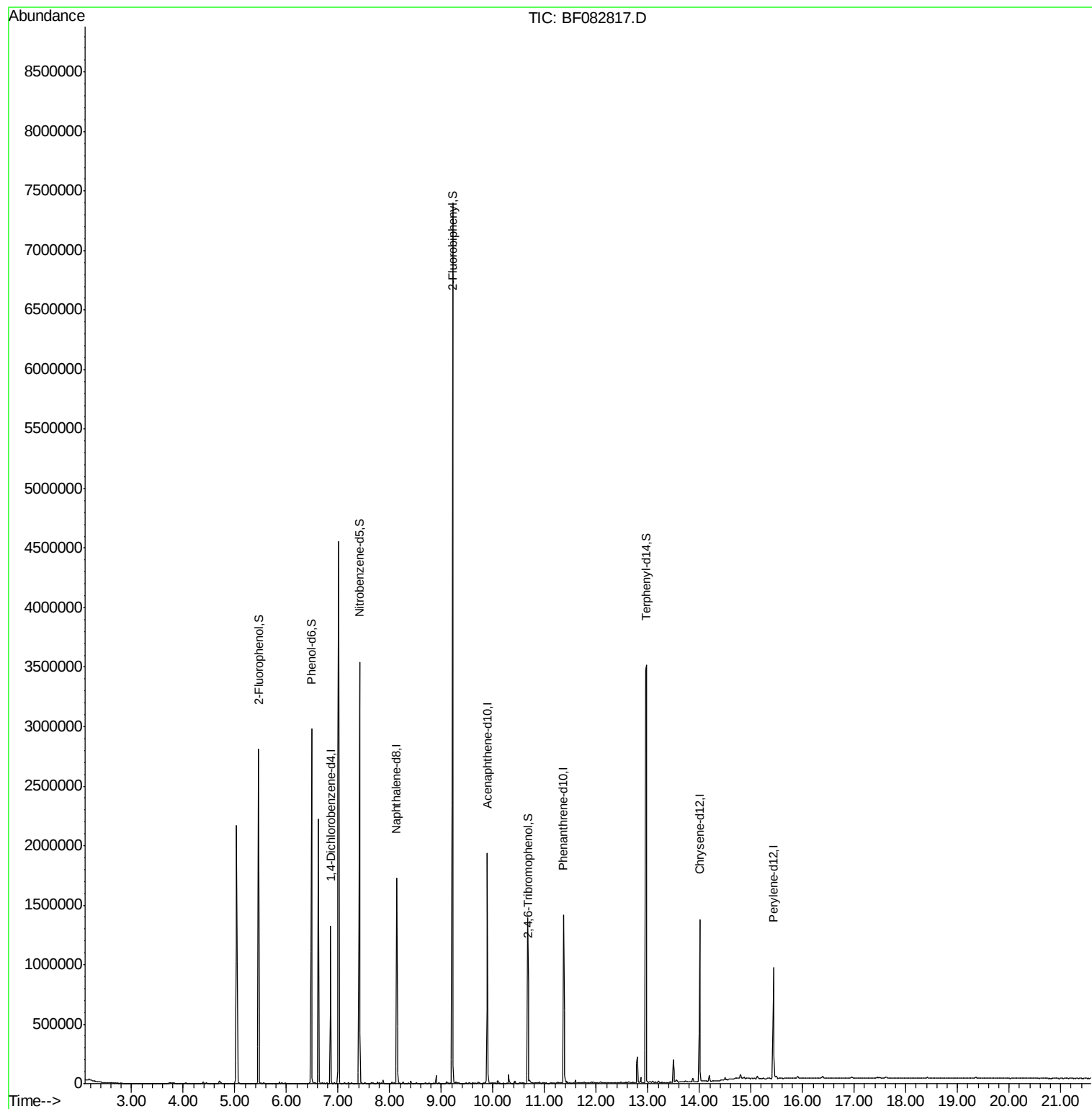
Target Compounds Qvalue

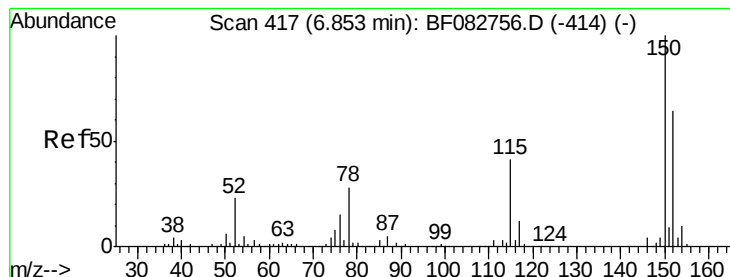
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampled :

DSL-001

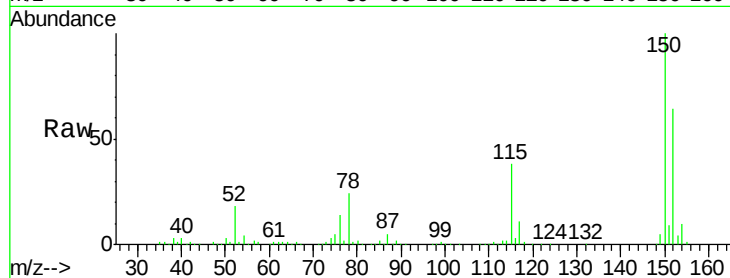
Tot Ion:152 Resp: 216376

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

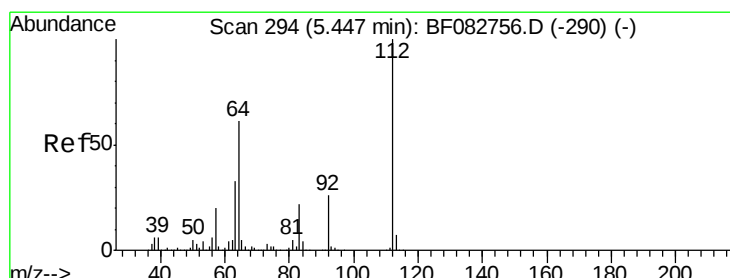
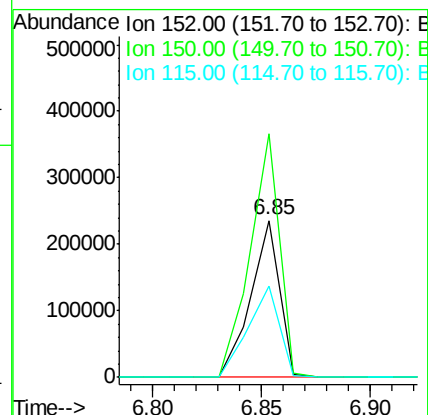
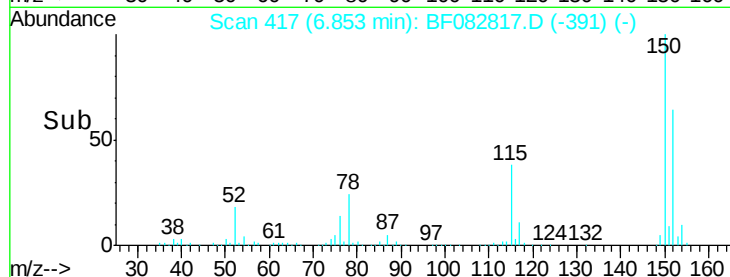
115 58.4 47.0 70.6



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: 49.25 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

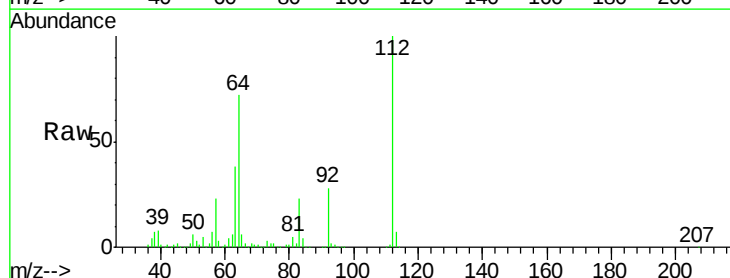
Tgt Ion:112 Resp: 684955

Ion Ratio Lower Upper

112 100

64 71.5 48.9 73.3

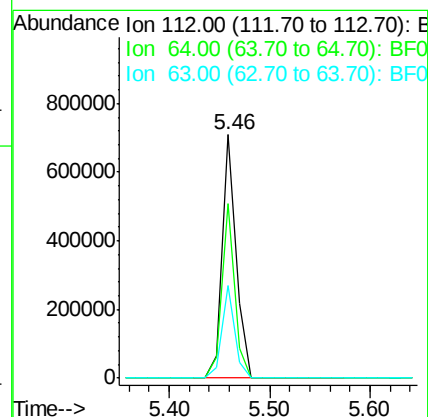
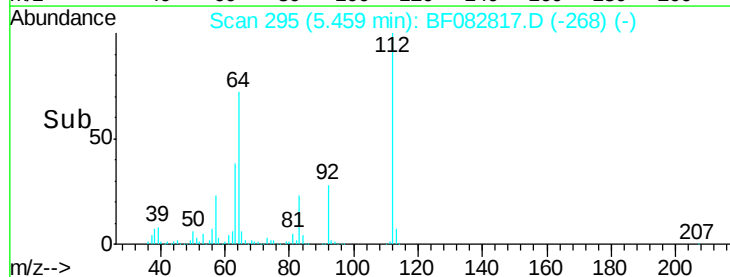
63 38.1 28.1 42.1



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: 53.50 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

BNA_F

ClientSampled :

DSL-001

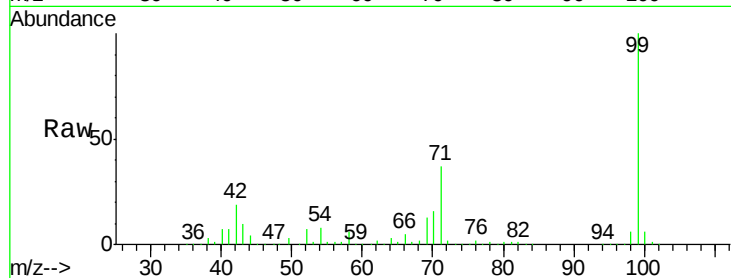
Tot Ion: 99 Resp: 989005

Ion Ratio Lower Upper

99 100

42 18.5 19.2 28.8#

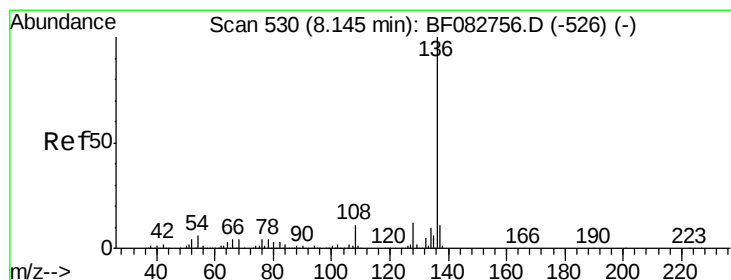
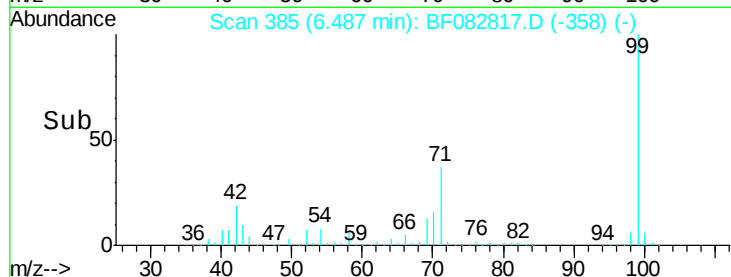
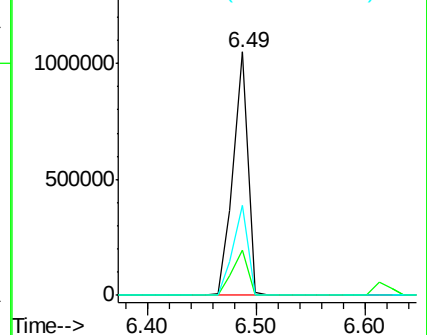
71 36.9 35.0 52.4



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. -0.01 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Tgt Ion: 136 Resp: 748046

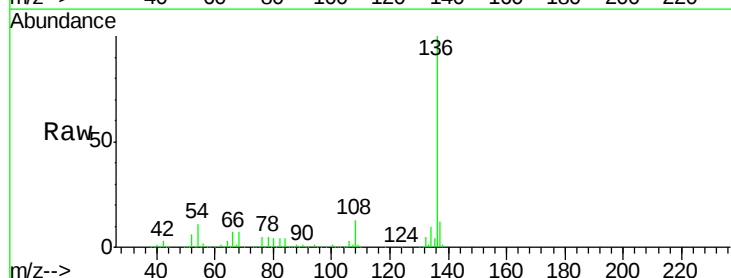
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 10.8 9.1 13.7

68 7.1 4.8 7.2

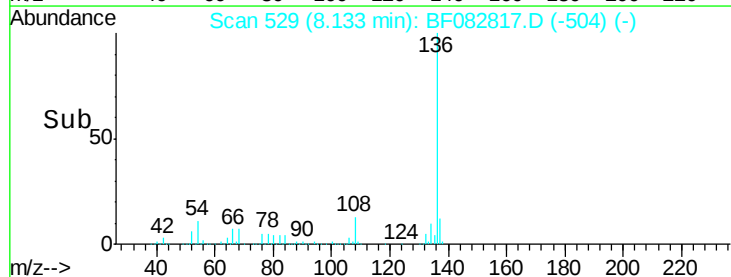
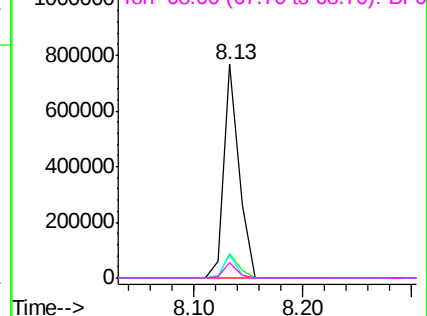


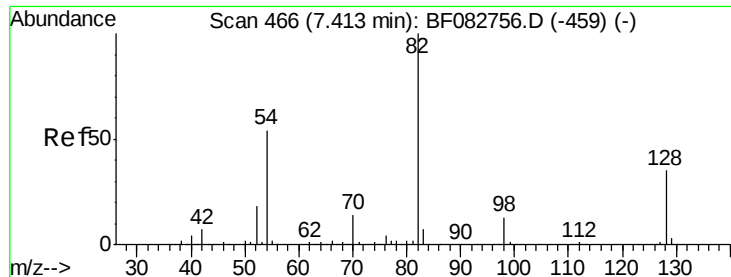
Abundance Ion 136.00 (135.70 to 136.70): E

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

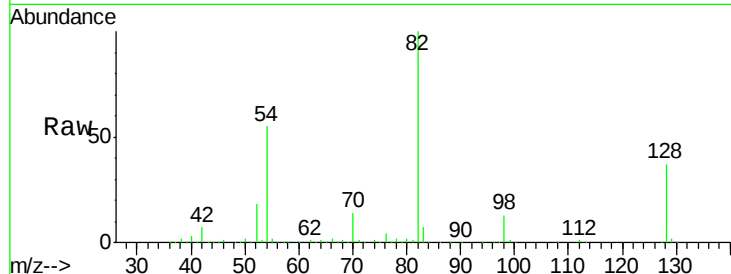




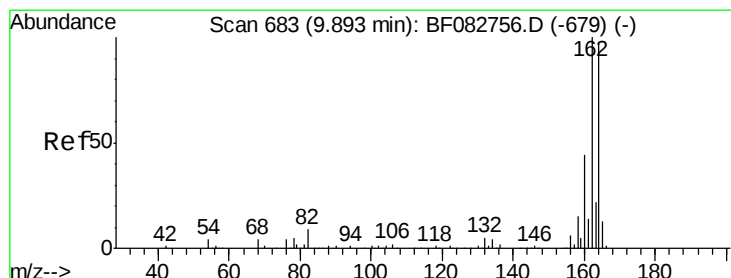
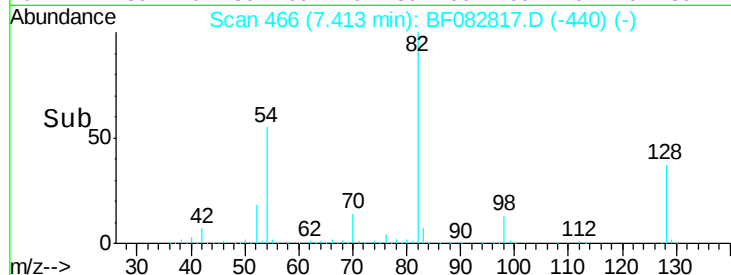
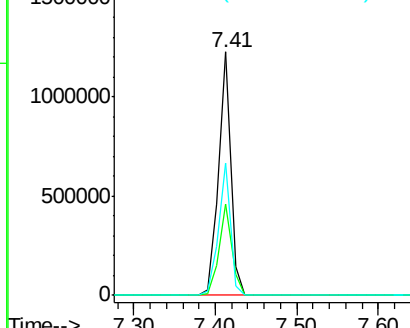
#23
Nitrobenzene-d5
Concen: 74.28 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

Instrument :
BNA_F
ClientSampleId :
DSL-001

Tot Ion: 82 Resp: 1277054
Ion Ratio Lower Upper
82 100
128 37.3 26.8 40.2
54 54.6 45.7 68.5

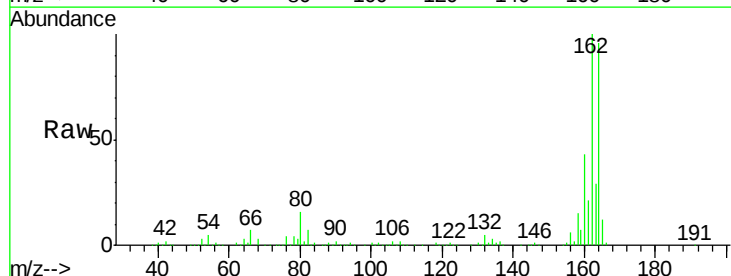


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

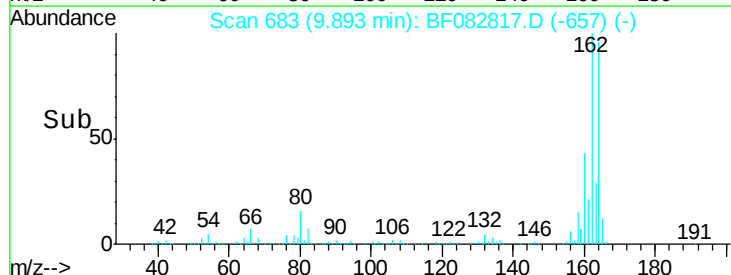
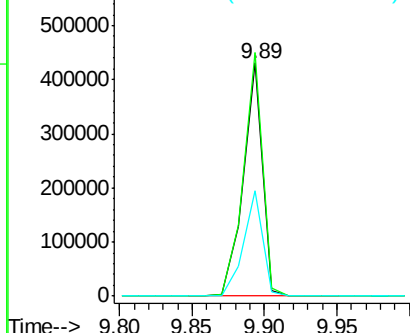


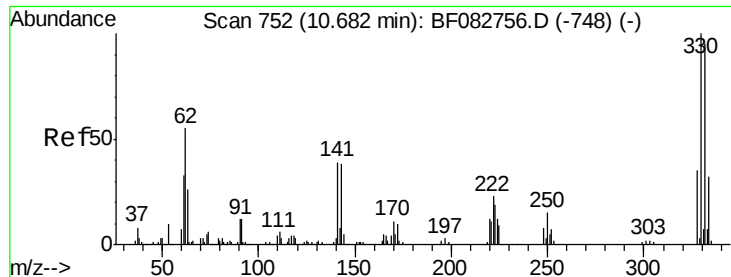
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

Tgt Ion:164 Resp: 392425
Ion Ratio Lower Upper
164 100
162 104.5 84.9 127.3
160 45.3 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

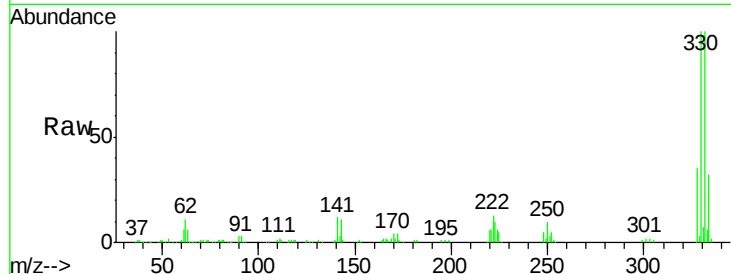




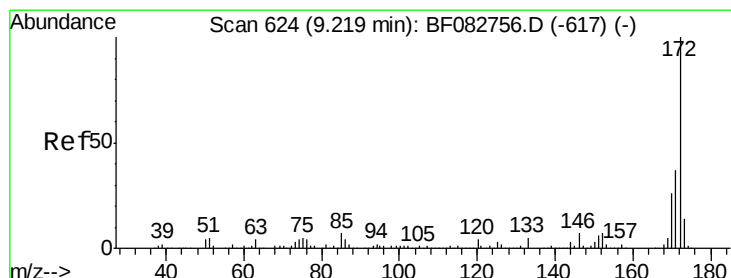
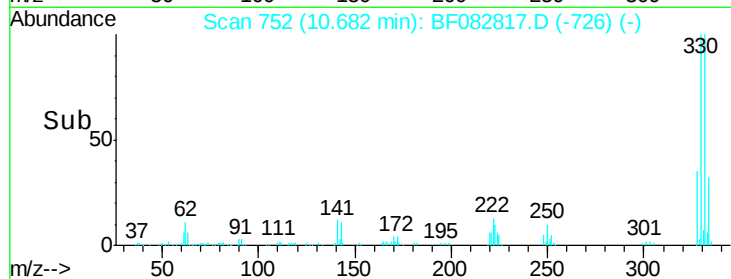
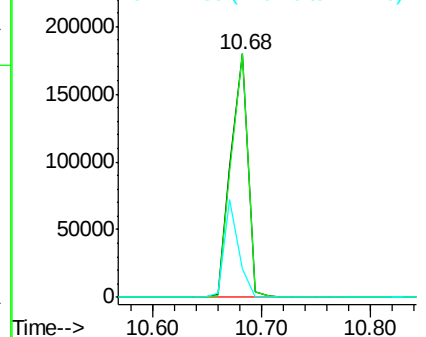
#41
 2,4,6-Tribromophenol
 Concen: 43.63 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Instrument :
 BNA_F
 ClientSampleID :
 DSL-001

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	33.9	41.2	61.8#

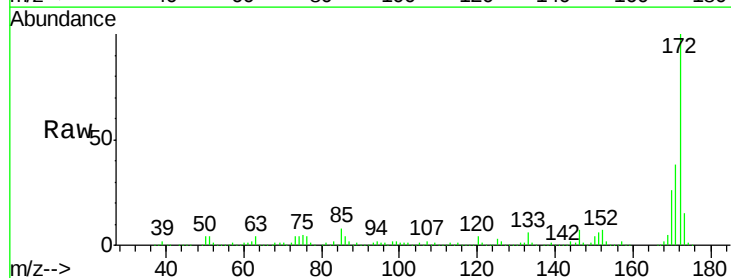


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

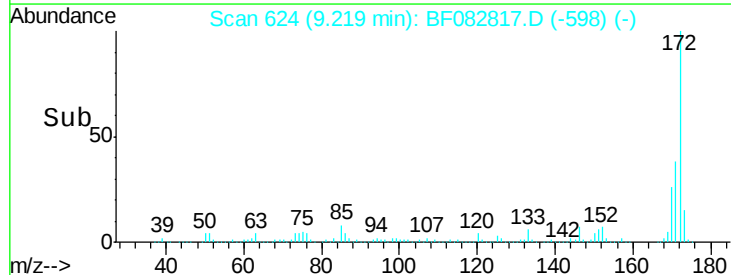
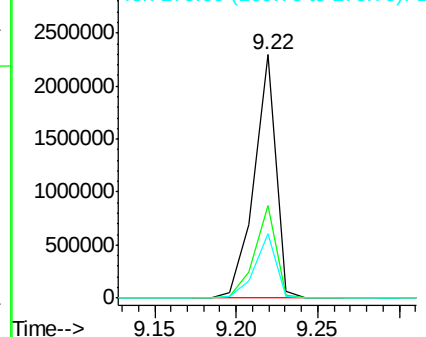


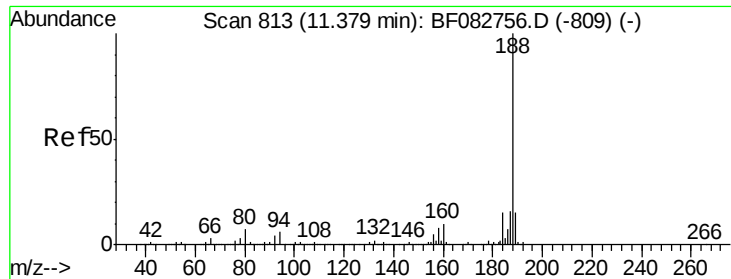
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082817.D
 Acq: 8 Nov 2015 2:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.8	46.2
170	26.4	21.2	31.8



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

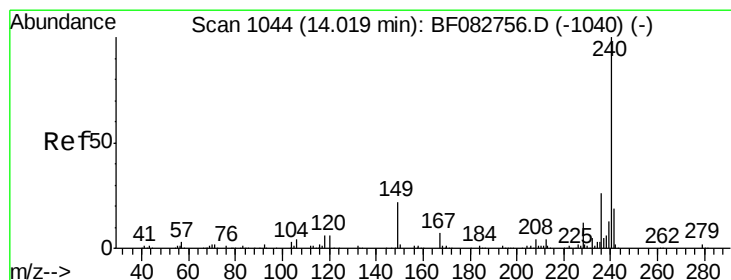
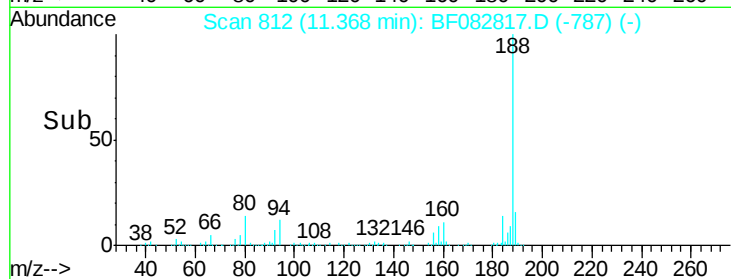
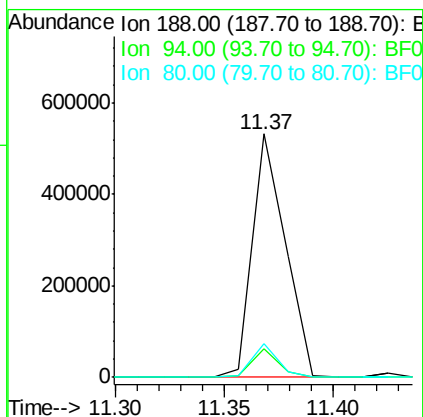
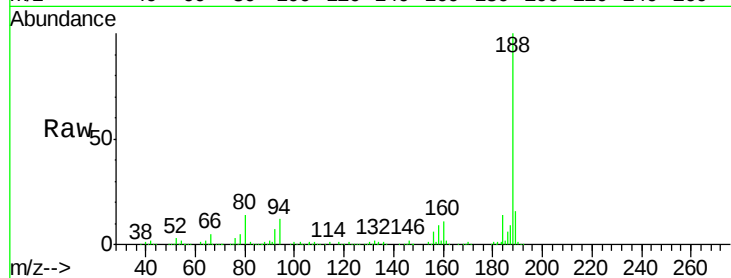




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

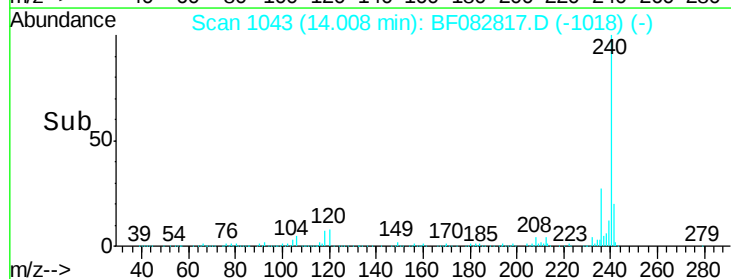
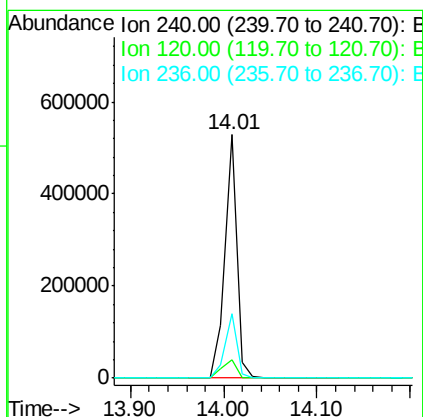
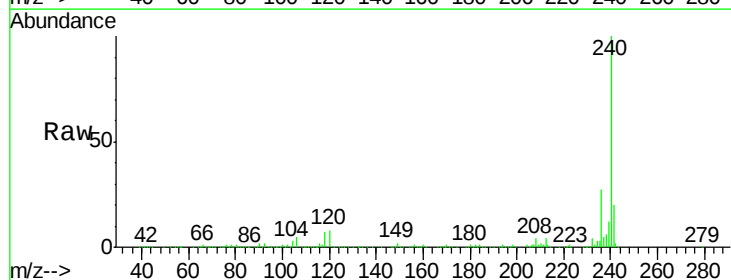
Instrument :
BNA_F
ClientSampleId :
DSL-001

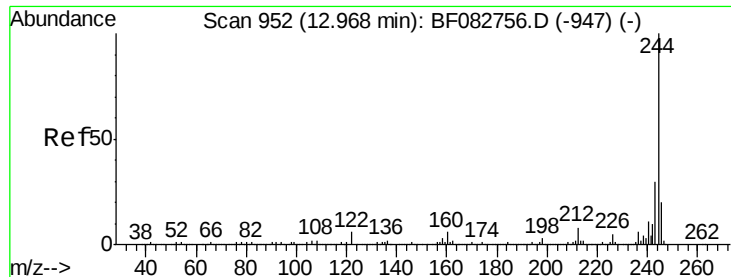
Tot Ion:188 Resp: 559618
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 13.7 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082817.D
Acq: 8 Nov 2015 2:35

Tgt Ion:240 Resp: 472294
Ion Ratio Lower Upper
240 100
120 7.7 10.9 16.3#
236 26.5 21.6 32.4





#78

Terphenyl-d14

Concen: 84.74 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Instrument :

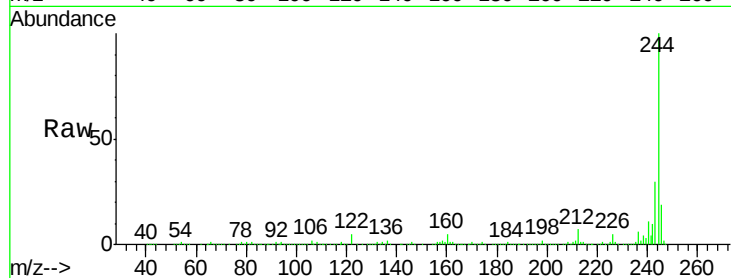
BNA_F

ClientSampleId :

DSL-001

Tot Ion:244 Resp: 1687314

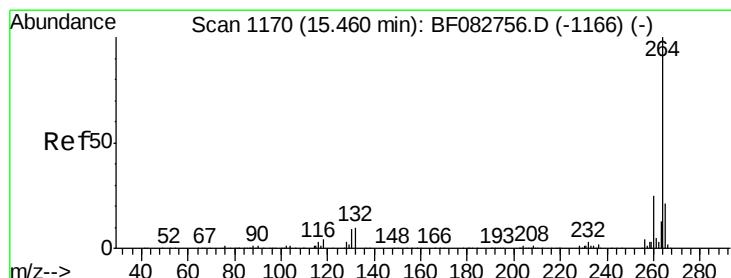
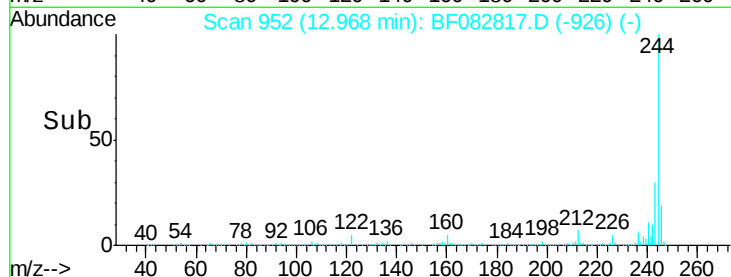
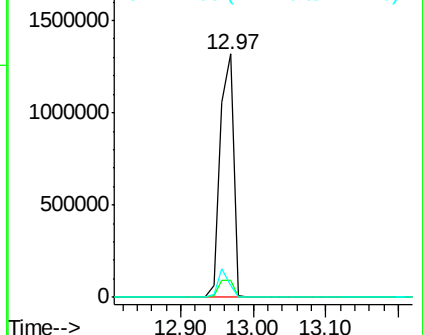
Ion	Ratio	Lower	Upper
244	100		
212	7.1	7.6	11.4#
122	5.1	11.3	16.9#



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

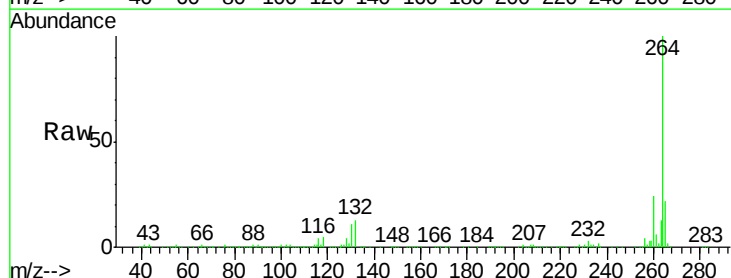
Delta R.T. -0.02 min

Lab File: BF082817.D

Acq: 8 Nov 2015 2:35

Tgt Ion:264 Resp: 431338

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	22.4	17.4	26.0



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

