

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082819.D
 Acq On : 8 Nov 2015 3:33
 Operator : UM/IZ
 Sample : G4206-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

Quant Time: Nov 09 02:16:03 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	207130	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	705104	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	361457	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	536599	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	456750	20.00	ng	-0.01
86) Perylene-d12	15.44	264	434732	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1270367	95.43	ng	0.02
7) Phenol-d6	6.50	99	1829484	103.37	ng	0.02
23) Nitrobenzene-d5	7.41	82	1276851	78.80	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	426168	102.83	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2113552	83.81	ng	0.00
78) Terphenyl-d14	12.97	244	1618714	84.06	ng	0.00

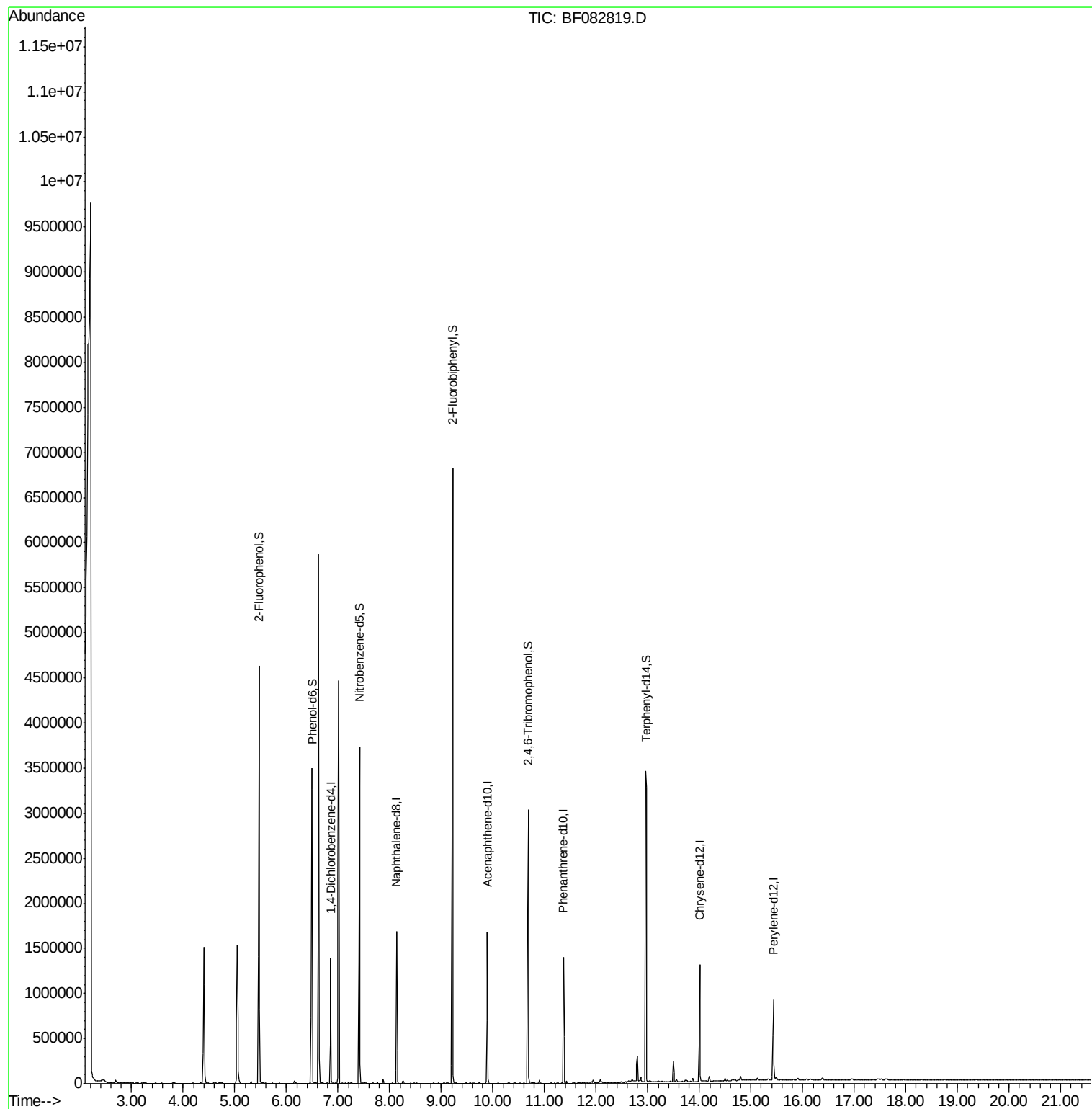
Target Compounds Qvalue

(#) = 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: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

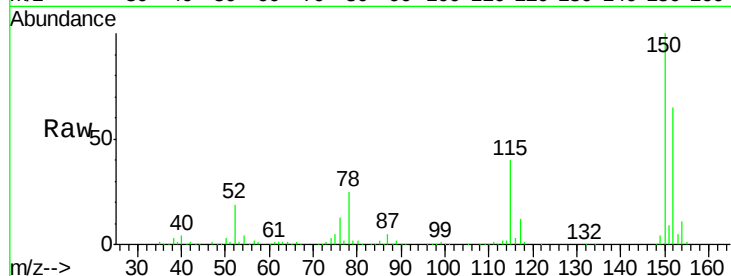
Tot Ion:152 Resp: 207130

Ion Ratio Lower Upper

152 100

150 153.0 127.0 190.4

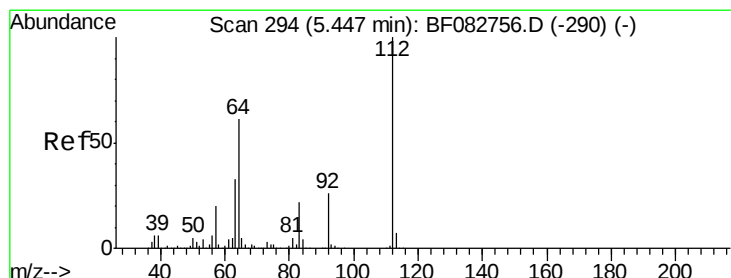
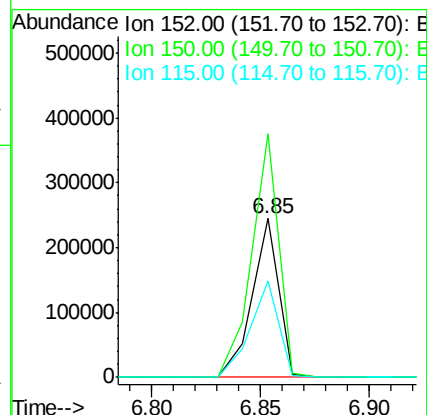
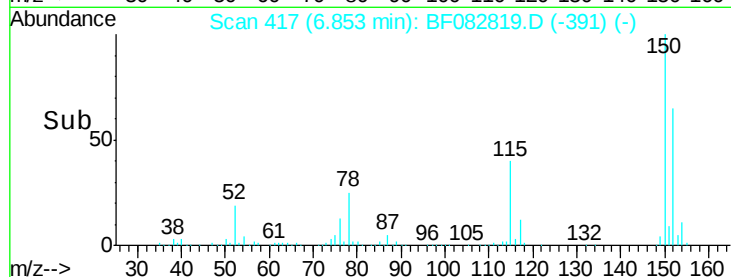
115 60.6 47.0 70.6



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: 95.43 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

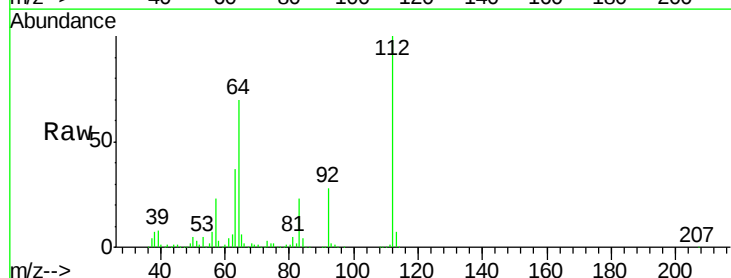
Tgt Ion:112 Resp: 1270367

Ion Ratio Lower Upper

112 100

64 69.6 48.9 73.3

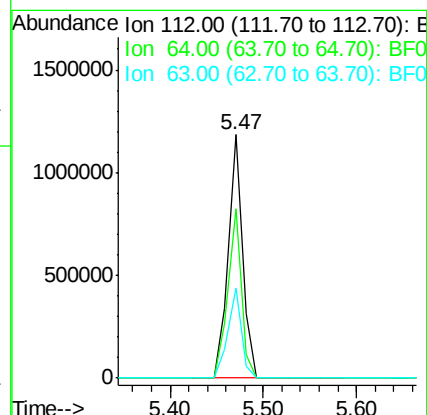
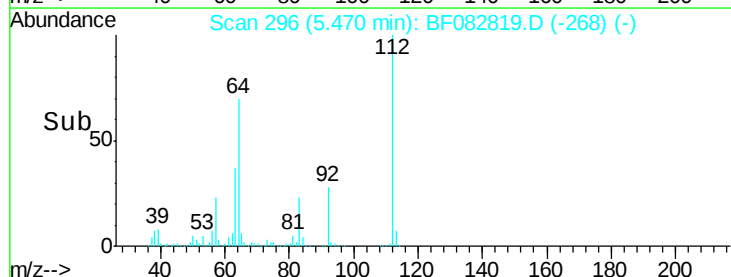
63 36.8 28.1 42.1

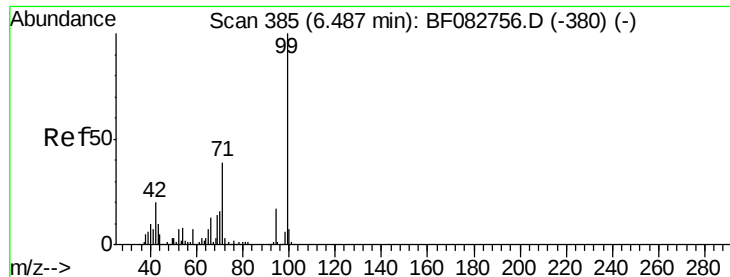


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.37 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

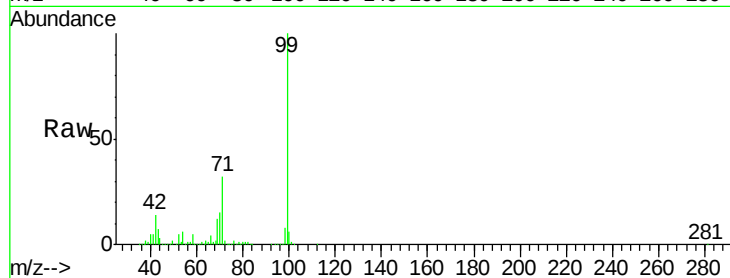
Tot Ion: 99 Resp: 1829484

Ion Ratio Lower Upper

99 100

42 13.9 19.2 28.8#

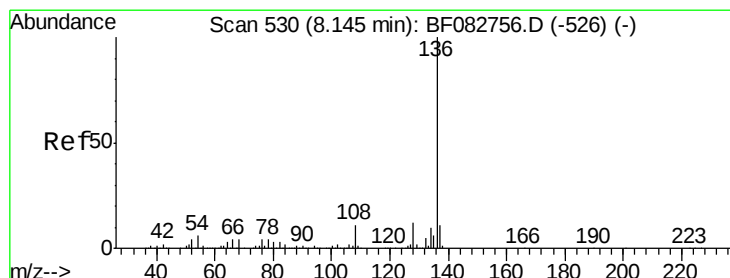
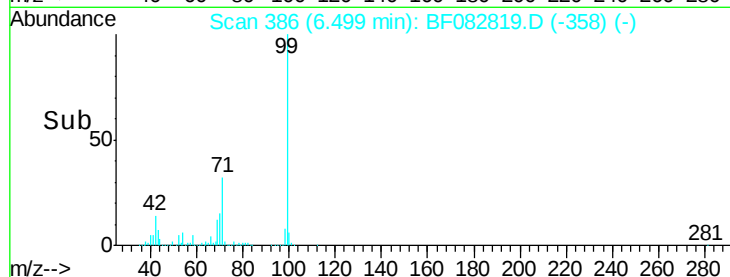
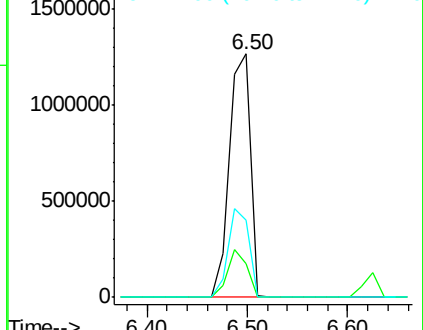
71 31.9 35.0 52.4#



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: BF082819.D

Acq: 8 Nov 2015 3:33

Tgt Ion: 136 Resp: 705104

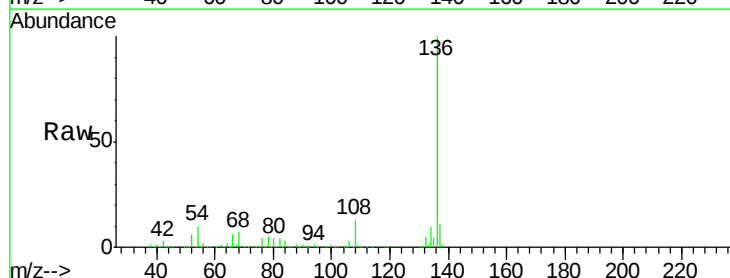
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 10.3 9.1 13.7

68 6.7 4.8 7.2

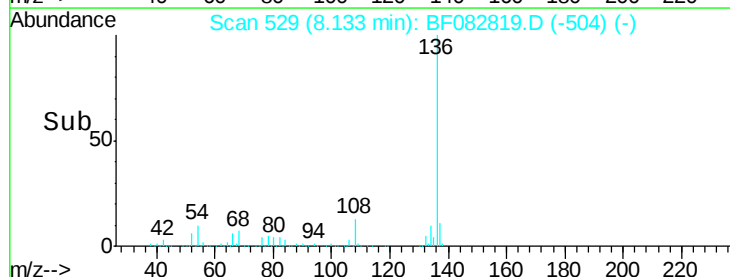
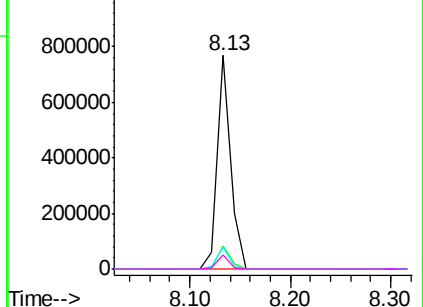


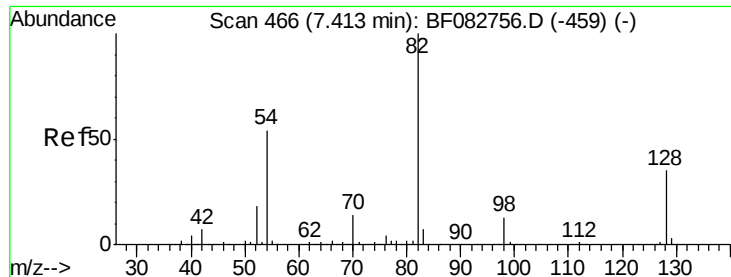
Abundance Ion 136.00 (135.70 to 136.70): E

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

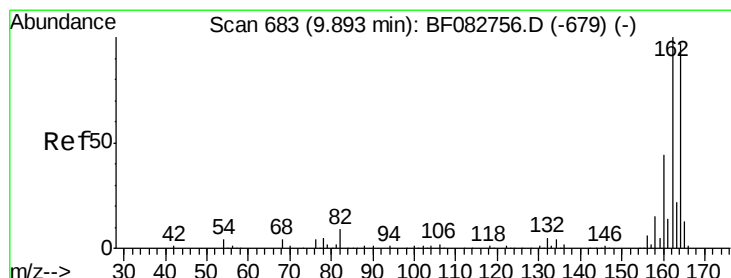
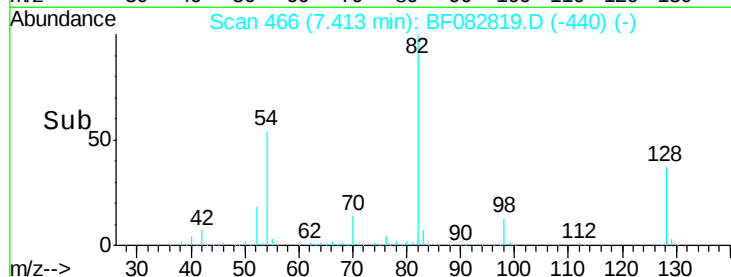
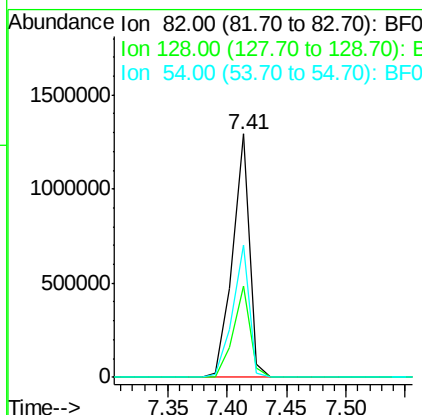
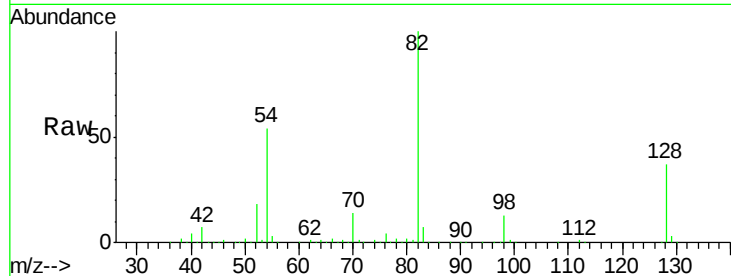




#23
 Nitrobenzene-d5
 Concen: 78.80 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

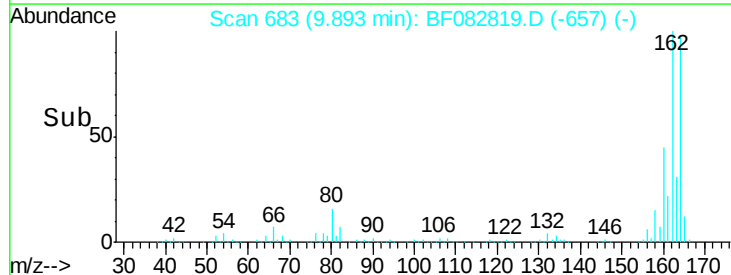
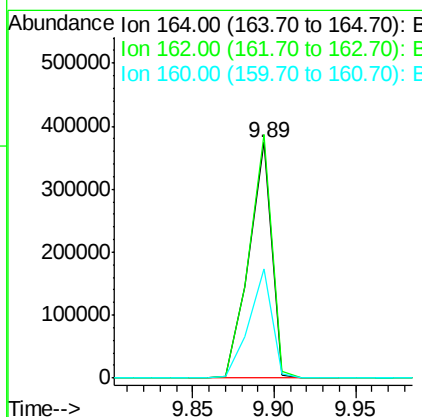
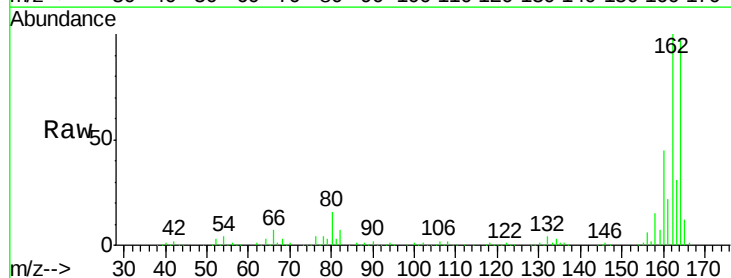
Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

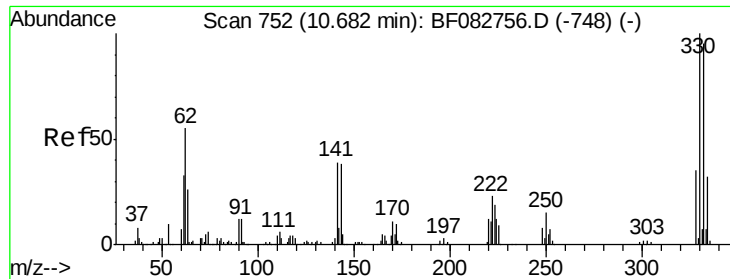
Tot Ion: 82 Resp: 1276851
 Ion Ratio Lower Upper
 82 100
 128 37.3 26.8 40.2
 54 54.4 45.7 68.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

Tgt Ion: 164 Resp: 361457
 Ion Ratio Lower Upper
 164 100
 162 103.4 84.9 127.3
 160 46.3 37.5 56.3

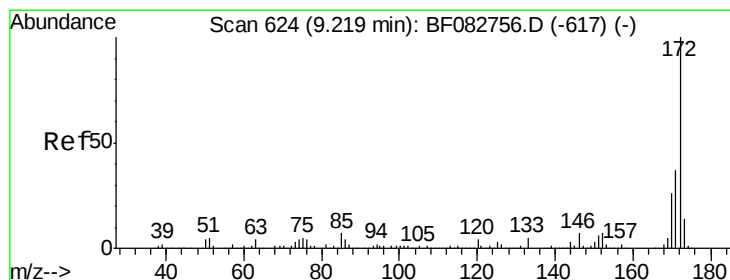
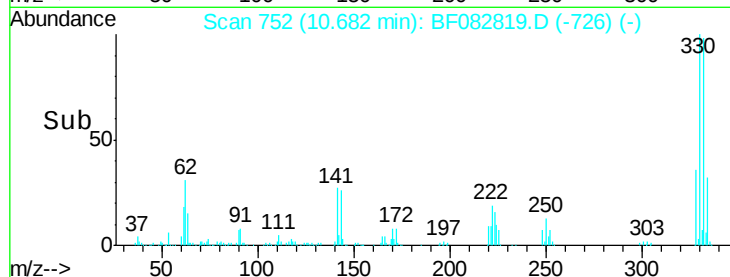
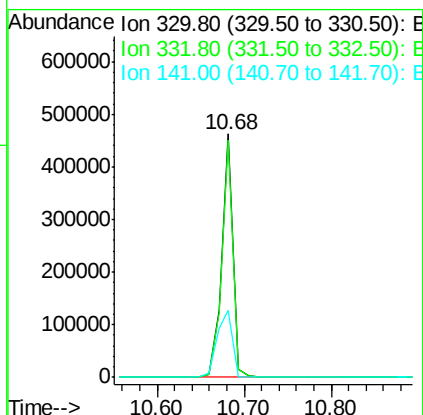
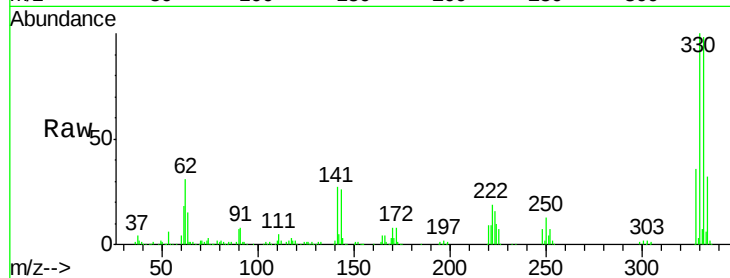




#41
 2,4,6-Tribromophenol
 Concen: 102.83 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

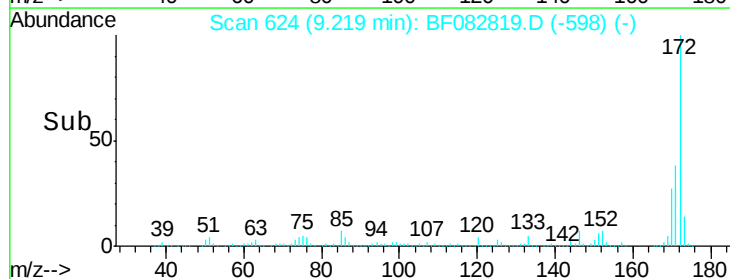
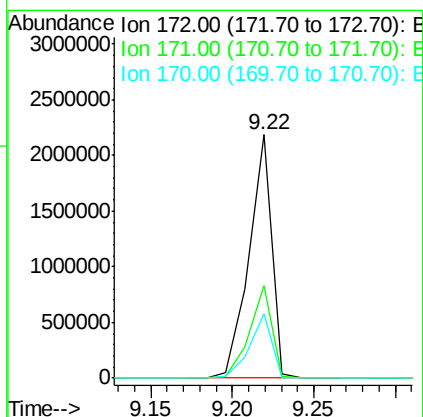
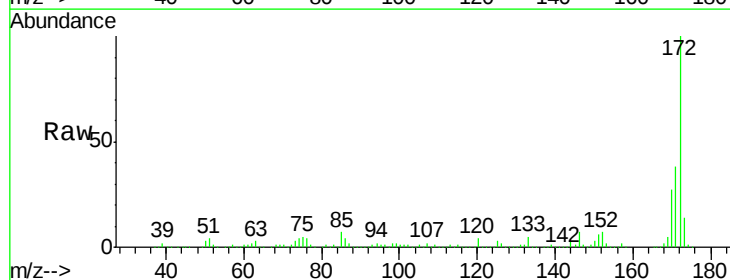
Instrument :
 BNA_F
 ClientSampleId :
 DRUM1-31COMPOSITE

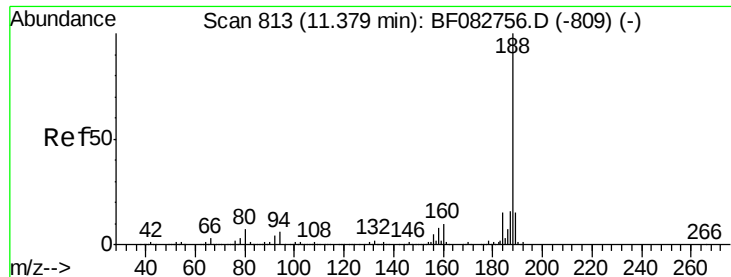
Tot Ion:330 Resp: 426168
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 37.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 83.81 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082819.D
 Acq: 8 Nov 2015 3:33

Tgt Ion:172 Resp: 2113552
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 26.6 21.2 31.8

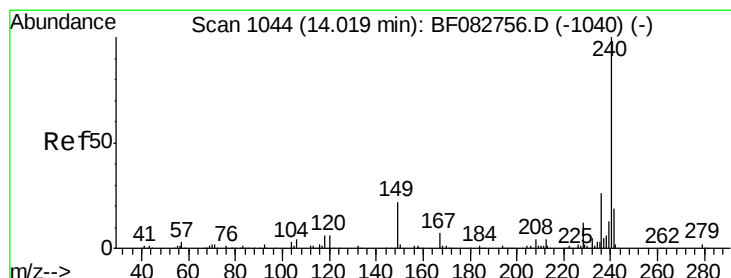
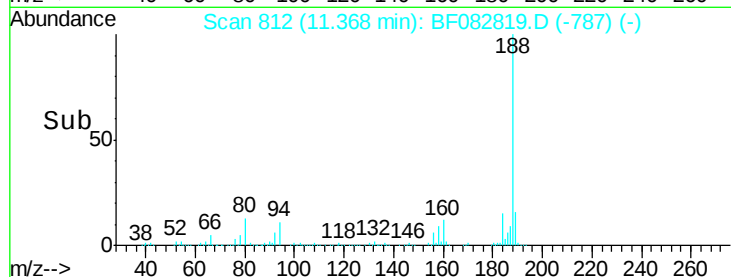
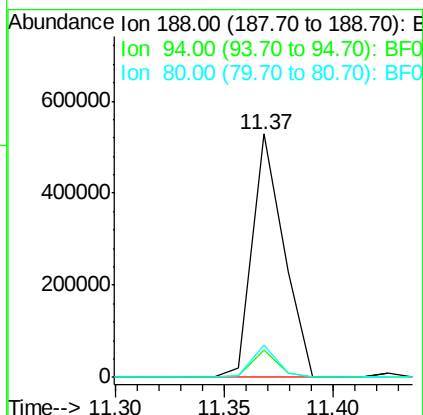
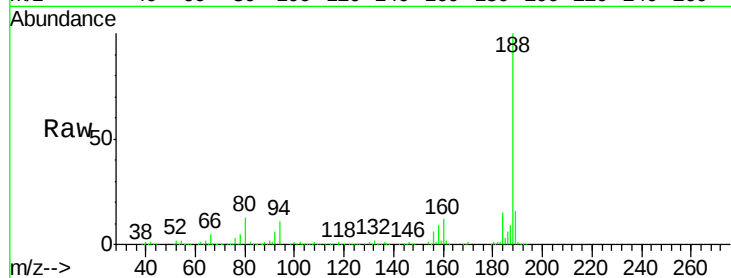




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

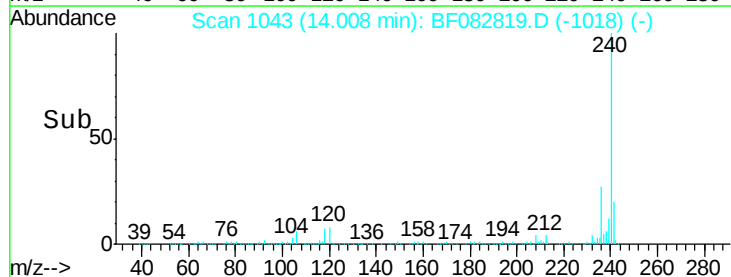
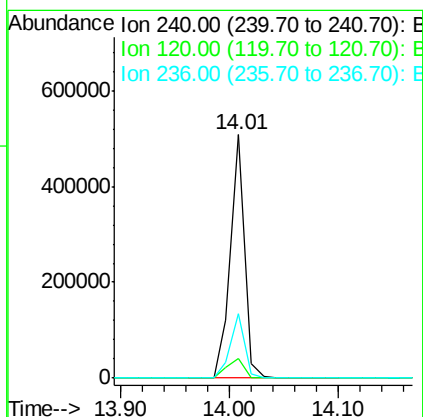
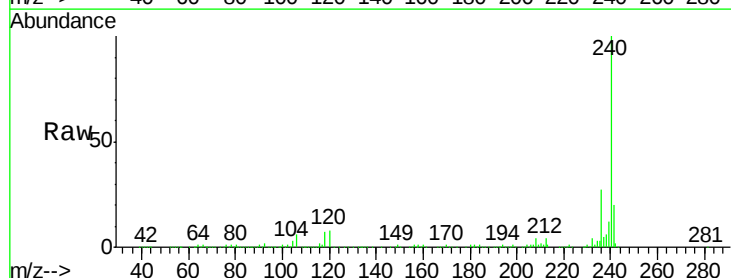
Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITE

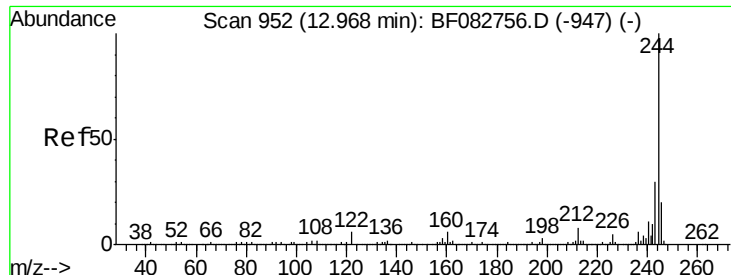
Tot Ion:188 Resp: 536599
Ion Ratio Lower Upper
188 100
94 11.4 6.1 9.1#
80 13.3 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082819.D
Acq: 8 Nov 2015 3:33

Tgt Ion:240 Resp: 456750
Ion Ratio Lower Upper
240 100
120 7.9 10.9 16.3#
236 26.6 21.6 32.4





#78

Terphenyl-d14

Concen: 84.06 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Instrument :

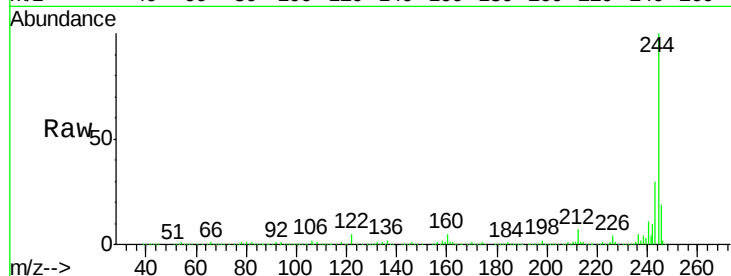
BNA_F

ClientSampleId :

DRUM1-31COMPOSITE

Tot Ion:244 Resp: 1618714

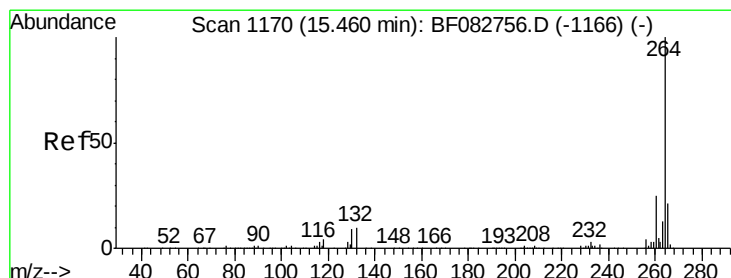
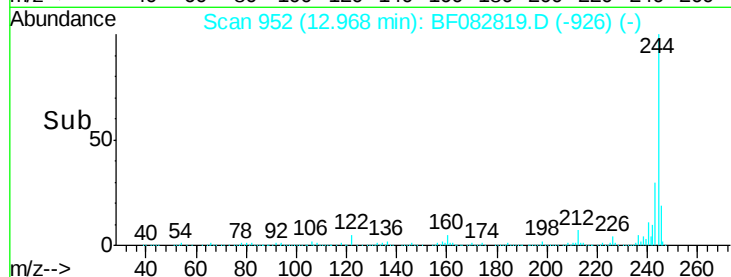
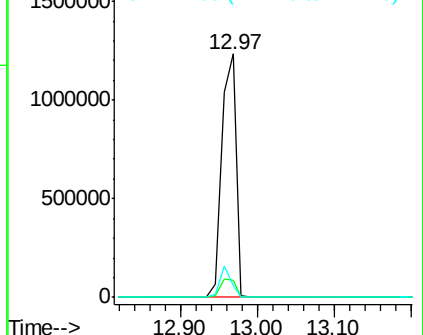
Ion	Ratio	Lower	Upper
244	100		
212	6.8	7.6	11.4#
122	5.0	11.3	16.9#



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

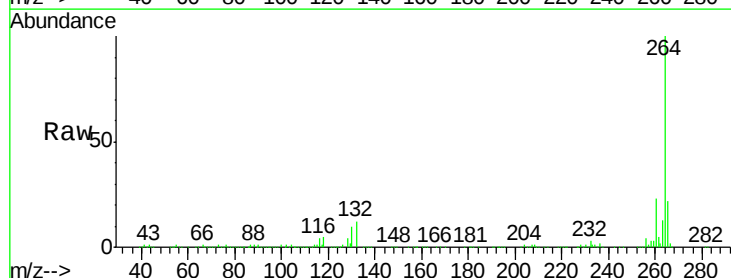
Delta R.T. -0.02 min

Lab File: BF082819.D

Acq: 8 Nov 2015 3:33

Tgt Ion:264 Resp: 434732

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.8	29.6
265	21.8	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

