

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083407.D
 Acq On : 2 Dec 2015 8:47
 Operator : UM/IZ
 Sample : G4538-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Dec 02 09:43:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	198414	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	758253	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	383200	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	630933	20.00	ng	0.00
75) Chrysene-d12	14.75	240	430334	20.00	ng	-0.01
86) Perylene-d12	16.82	264	460219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	833764	63.06	ng	0.01
7) Phenol-d6	6.21	99	734015	40.56	ng	-0.01
23) Nitrobenzene-d5	7.13	82	1441139	83.55	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	358617	93.23	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2214527	82.35	ng	0.00
78) Terphenyl-d14	13.22	244	1602797	88.82	ng	0.00

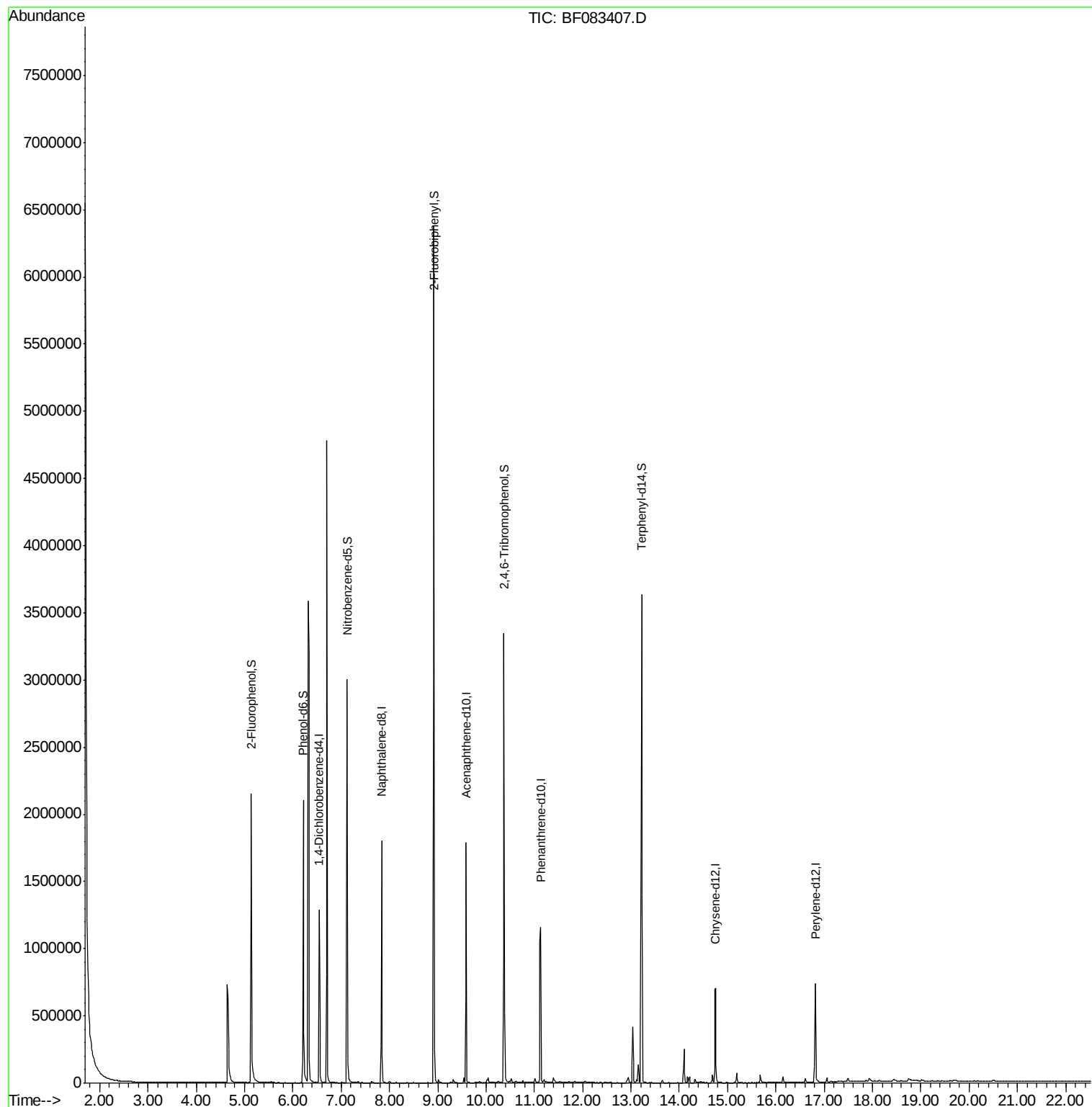
Target Compounds Qvalue

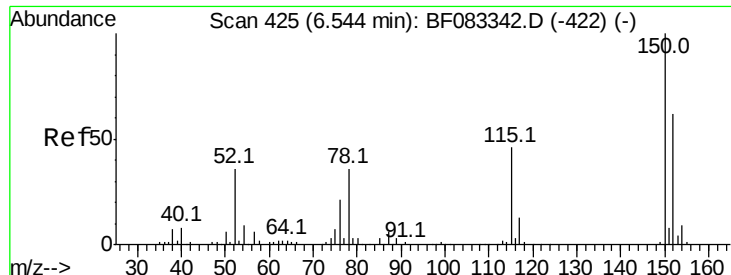
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 01 01:17:16 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

Instrument :

BNA_F

ClientSampleId :

W-14

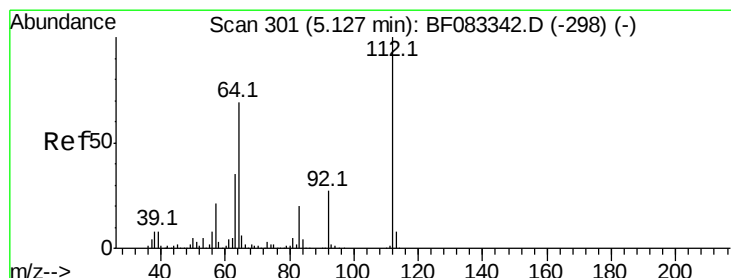
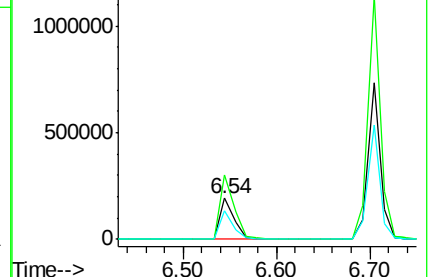
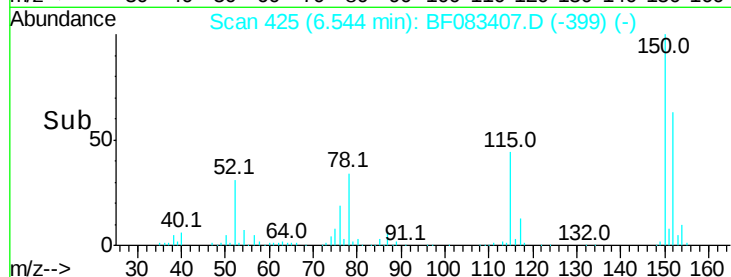
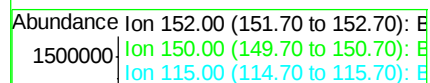
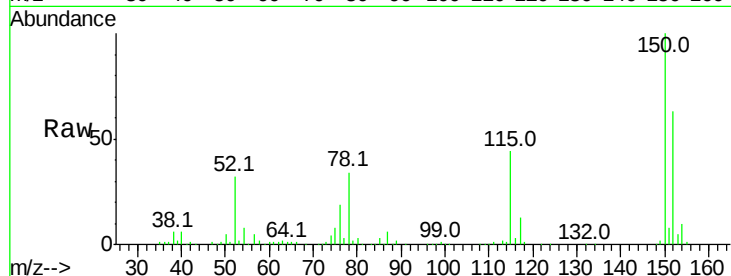
Tot Ion:152 Resp: 198414

Ion Ratio Lower Upper

152 100

150 158.1 129.8 194.8

115 69.0 59.2 88.8



#5

2-Fluorophenol

Concen: 63.06 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

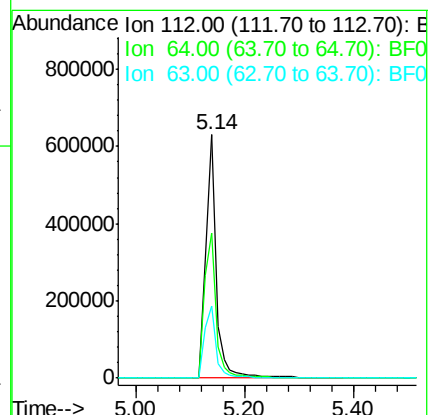
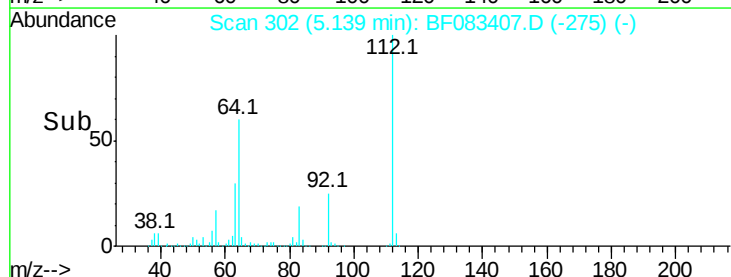
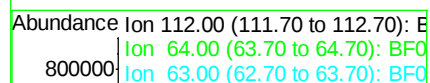
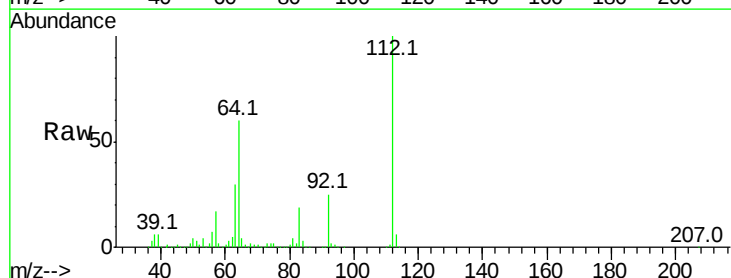
Tgt Ion:112 Resp: 833764

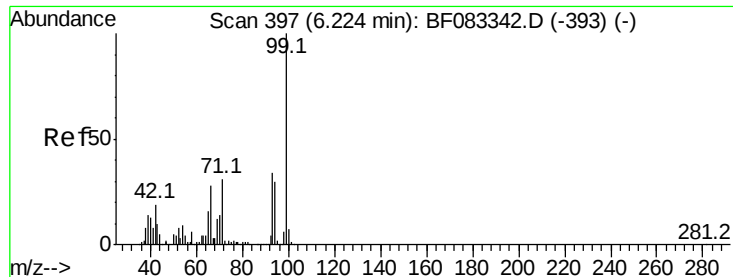
Ion Ratio Lower Upper

112 100

64 59.6 55.6 83.4

63 29.6 28.2 42.2





#7

Phenol-d6

Concen: 40.56 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

Instrument :

BNA_F

ClientSampled :

W-14

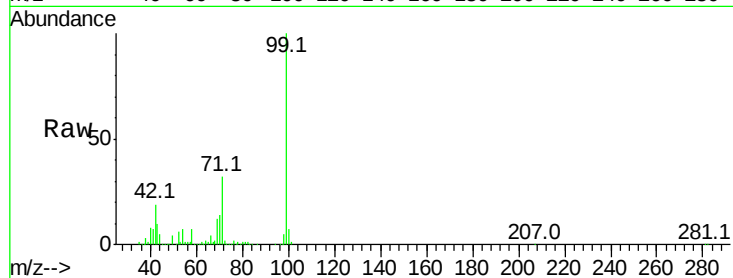
Tot Ion: 99 Resp: 734015

Ion Ratio Lower Upper

99 100

42 19.5 14.9 22.3

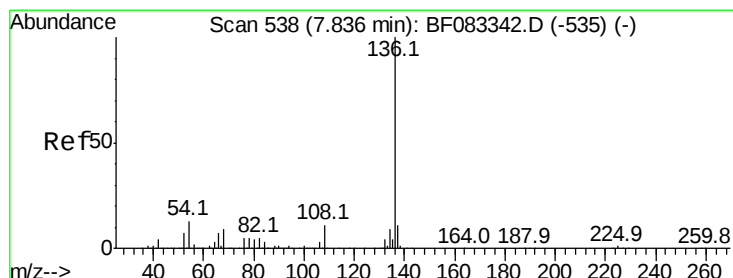
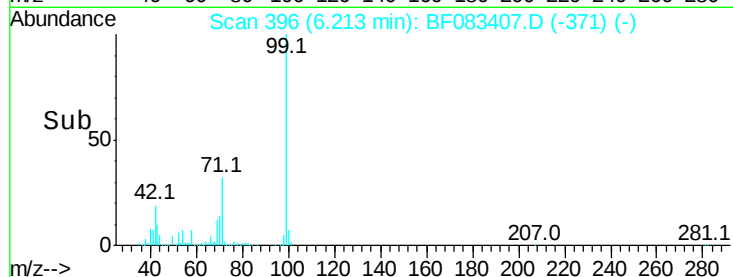
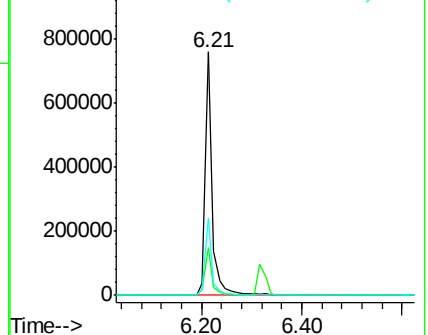
71 31.6 24.7 37.1



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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

Tgt Ion: 136 Resp: 758253

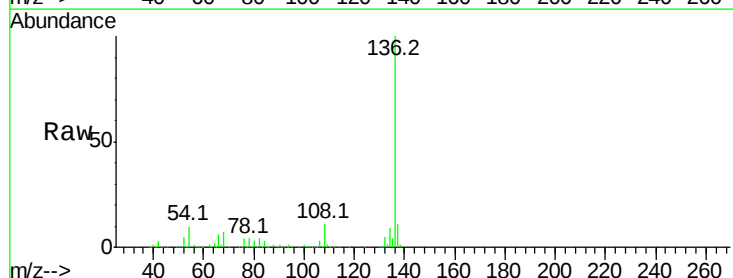
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 10.3 10.1 15.1

68 7.0 7.1 10.7#

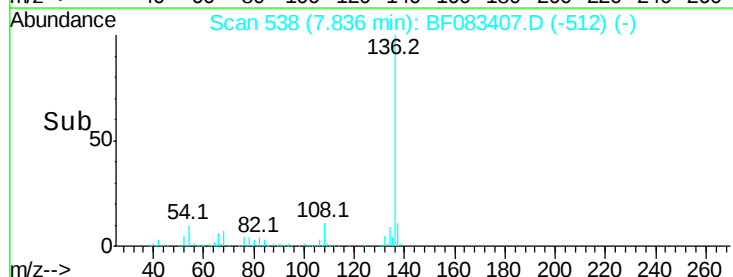
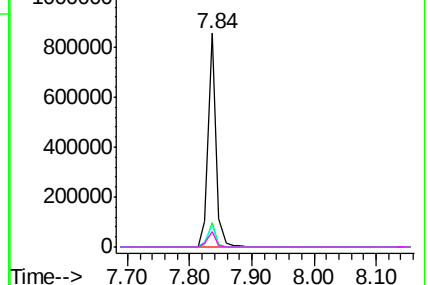


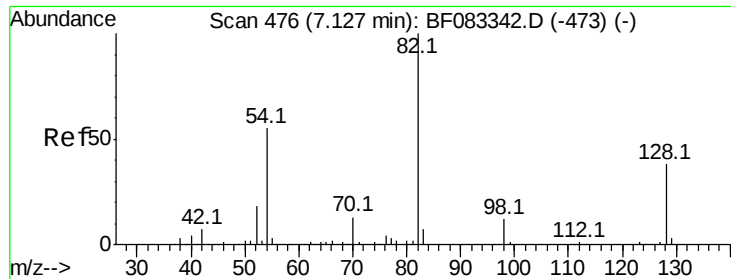
Abundance Ion 136.00 (135.70 to 136.70): E

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

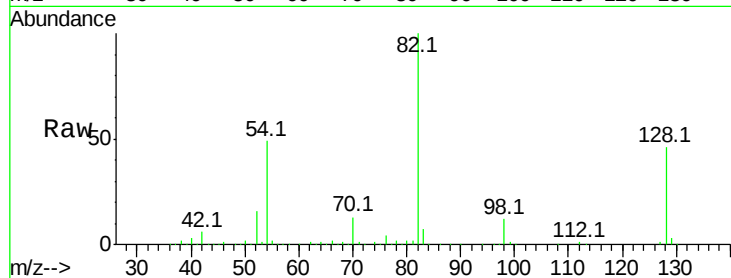




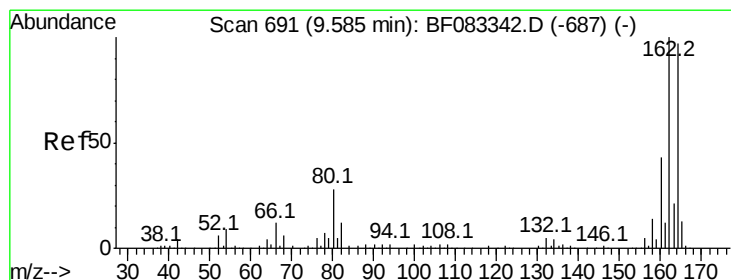
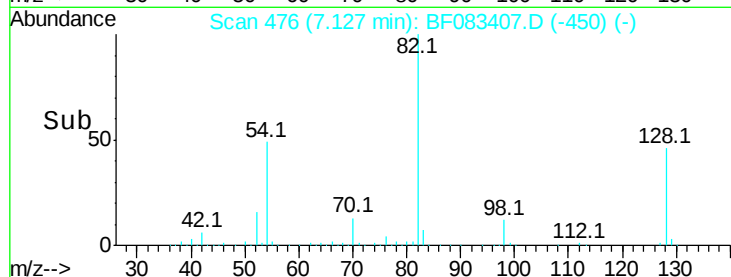
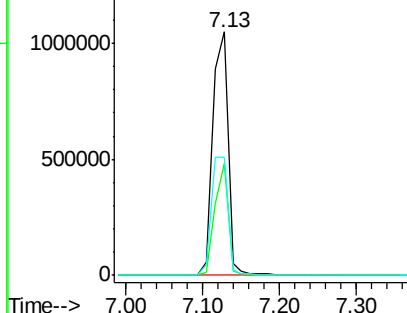
#23
Nitrobenzene-d5
Concen: 83.55 ng
RT: 7.13 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF083407.D
Acq: 2 Dec 2015 8:47

Instrument :
BNA_F
ClientSampleId :
W-14

Tot Ion: 82 Resp: 1441139
Ion Ratio Lower Upper
82 100
128 45.9 30.6 46.0
54 48.8 43.8 65.6

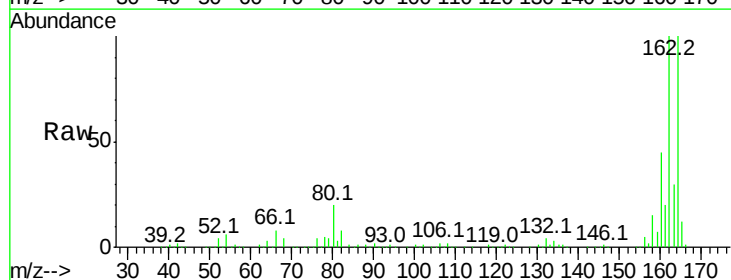


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

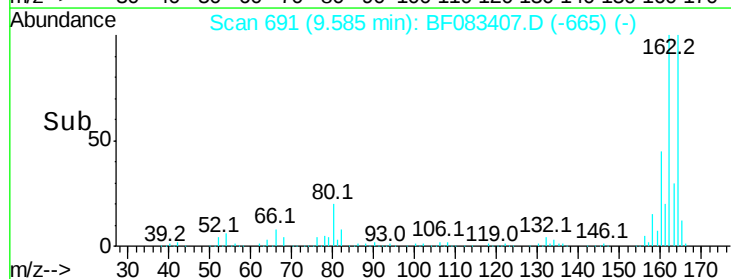
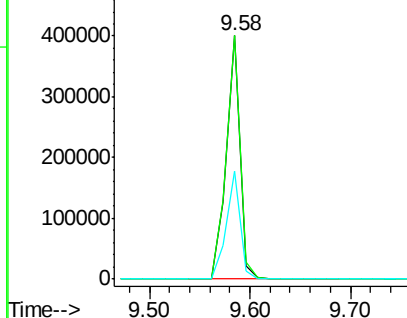


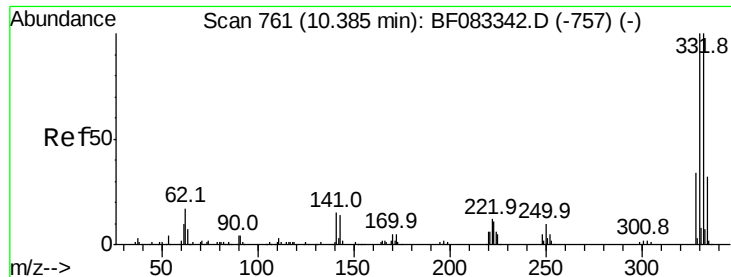
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF083407.D
Acq: 2 Dec 2015 8:47

Tgt Ion: 164 Resp: 383200
Ion Ratio Lower Upper
164 100
162 99.9 82.6 123.8
160 44.5 35.3 52.9



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

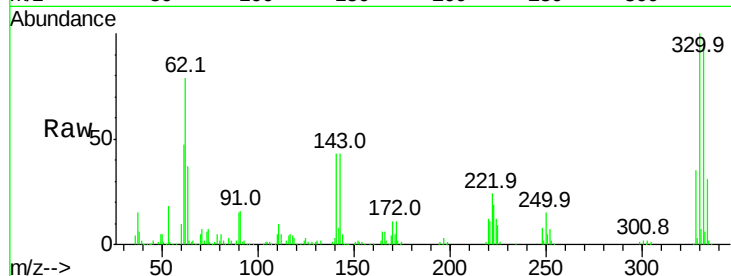




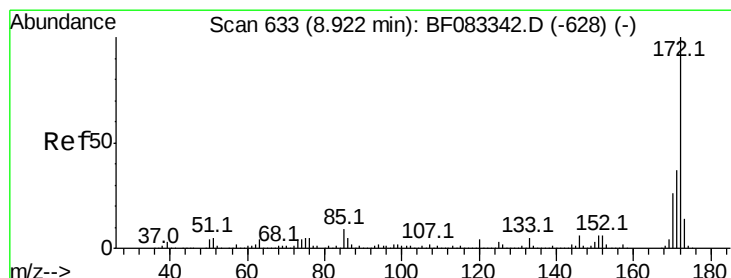
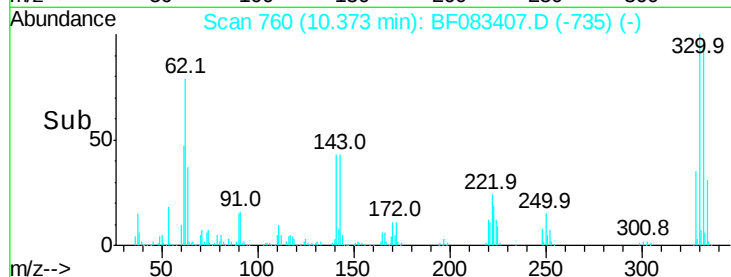
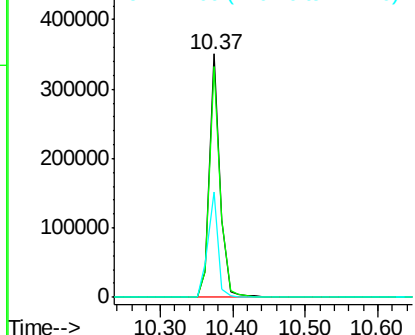
#41
 2,4,6-Tribromophenol
 Concen: 93.23 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083407.D
 Acq: 2 Dec 2015 8:47

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tot Ion:330 Resp: 358617
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 41.7 29.4 44.0

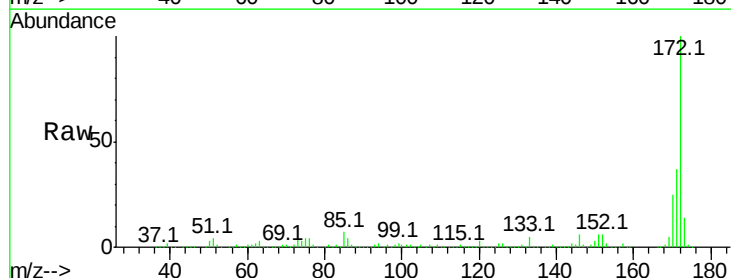


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

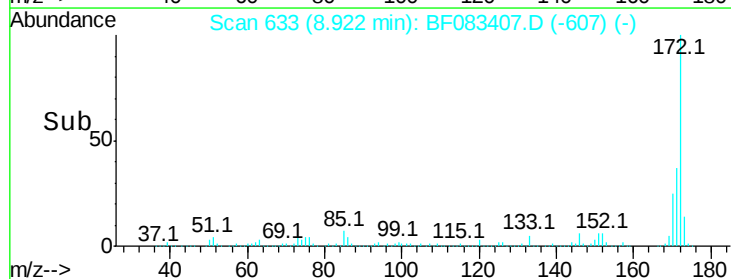
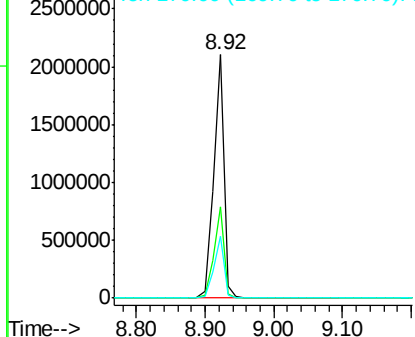


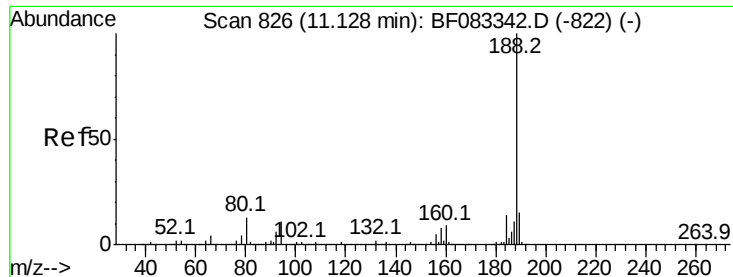
#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 8.92 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF083407.D
 Acq: 2 Dec 2015 8:47

Tgt Ion:172 Resp: 2214527
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.4 44.0
 170 25.5 20.4 30.6



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

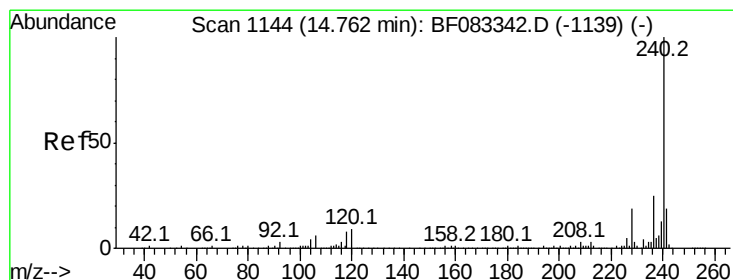
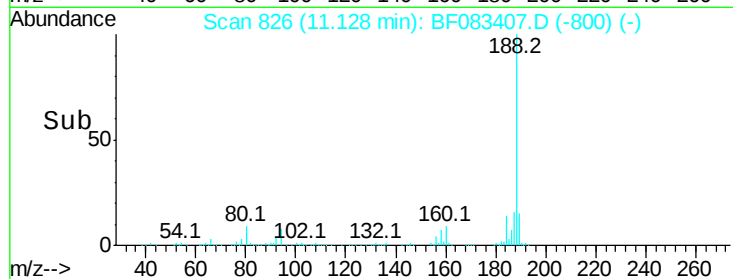
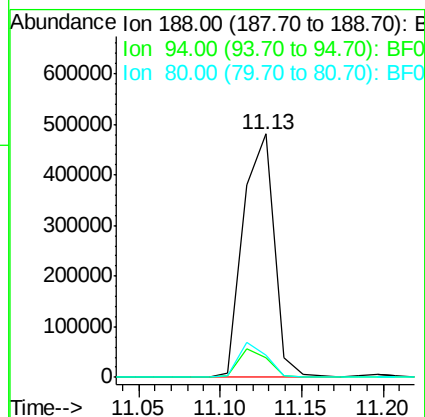
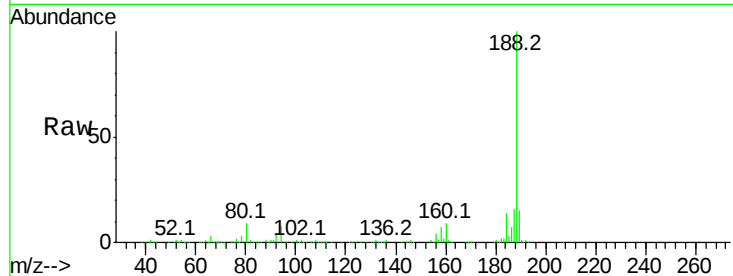




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083407.D
Acq: 2 Dec 2015 8:47

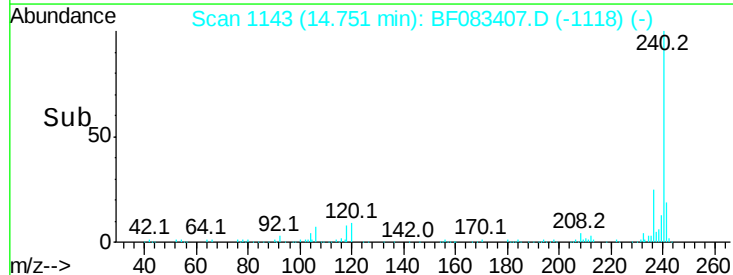
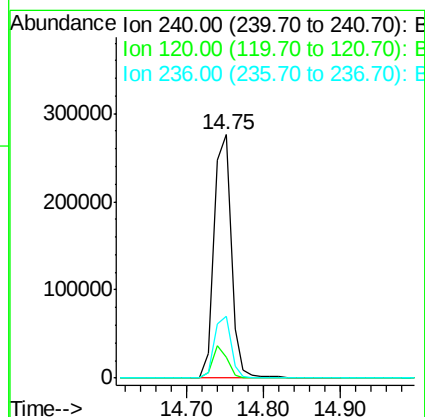
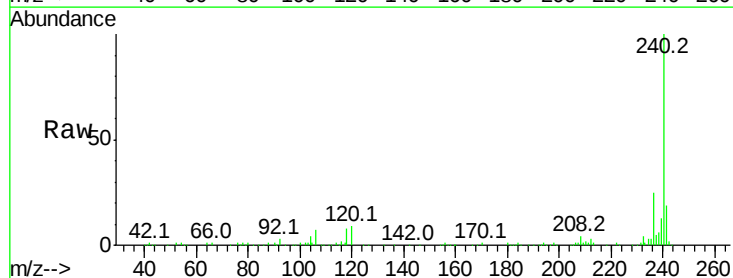
Instrument :
BNA_F
ClientSampleId :
W-14

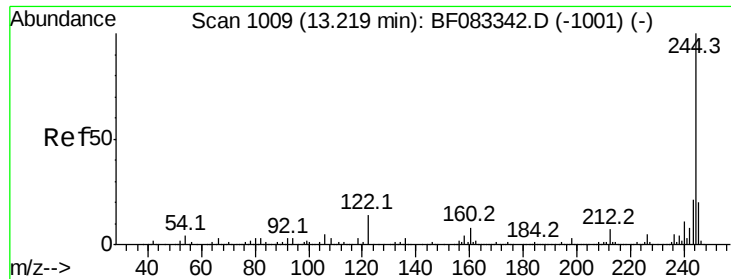
Tot Ion:188 Resp: 630933
Ion Ratio Lower Upper
188 100
94 8.2 8.7 13.1#
80 9.1 10.3 15.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083407.D
Acq: 2 Dec 2015 8:47

Tgt Ion:240 Resp: 430334
Ion Ratio Lower Upper
240 100
120 8.6 6.9 10.3
236 25.4 19.8 29.6





#78

Terphenyl-d14

Concen: 88.82 ng

RT: 13.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

Instrument :

BNA_F

ClientSampleId :

W-14

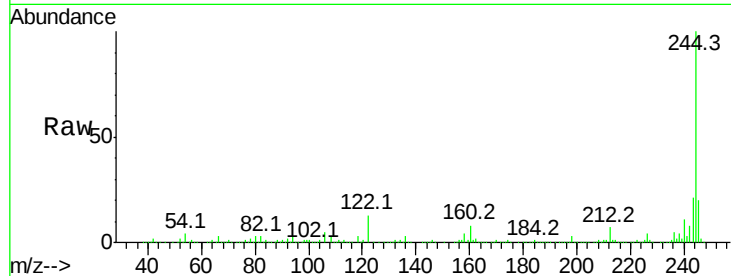
Tot Ion:244 Resp: 1602797

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

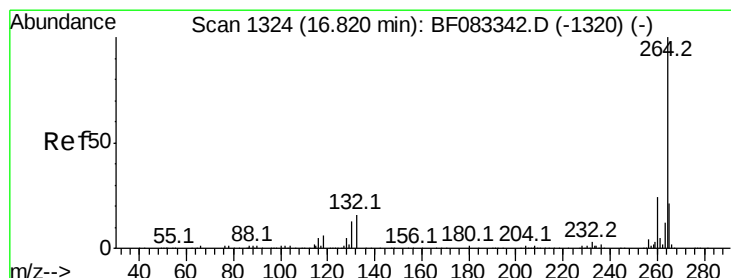
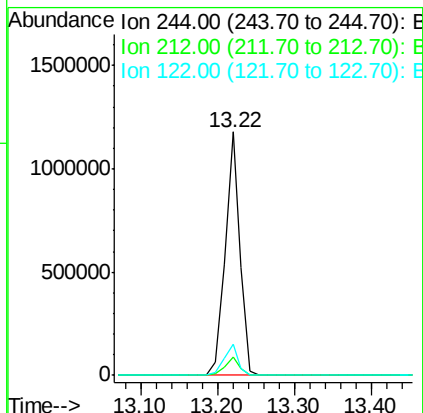
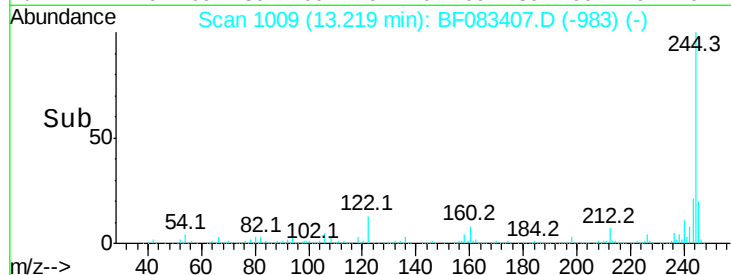
122 12.9 11.0 16.4



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: 16.82 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF083407.D

Acq: 2 Dec 2015 8:47

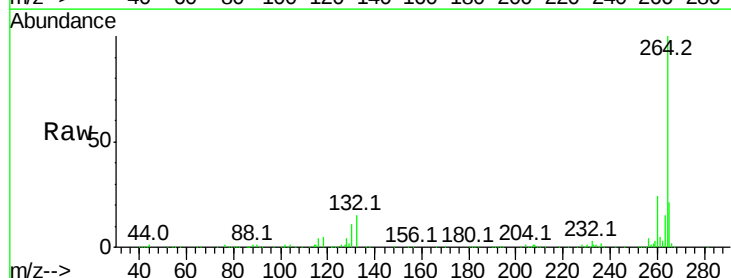
Tgt Ion:264 Resp: 460219

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

265 21.3 16.8 25.2



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

