

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083410.D
 Acq On : 2 Dec 2015 10:19
 Operator : UM/IZ
 Sample : G4564-01RE 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Quant Time: Dec 02 11:23:05 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	176065	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	658678	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	281088	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	461287	20.00	ng	0.00
75) Chrysene-d12	14.75	240	477724	20.00	ng	-0.01
86) Perylene-d12	16.82	264	324000	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	61689	5.26	ng	0.01
7) Phenol-d6	6.22	99	102081	6.36	ng	0.00
23) Nitrobenzene-d5	7.12	82	64146	4.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	14036	4.97	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	85559	4.34	ng	0.00
78) Terphenyl-d14	13.21	244	79522	3.97	ng	-0.01

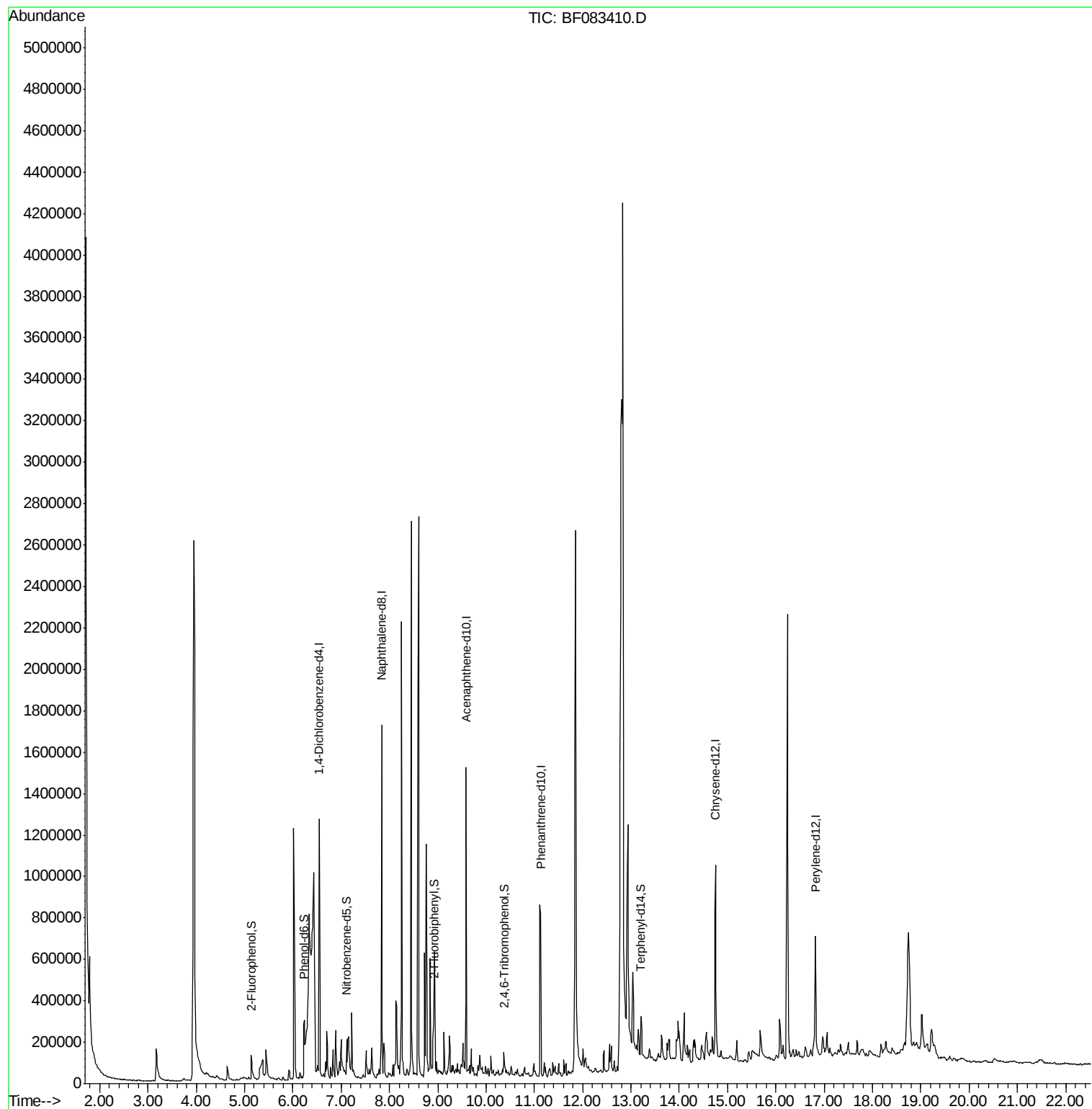
Target Compounds	Qvalue
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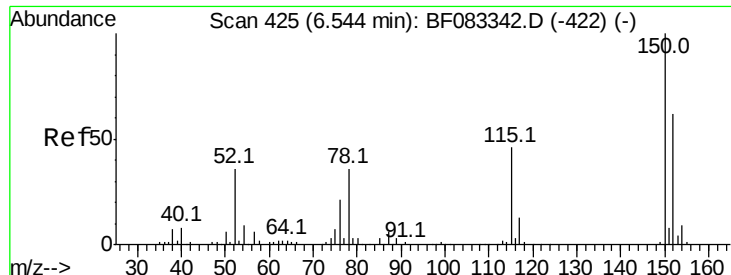
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

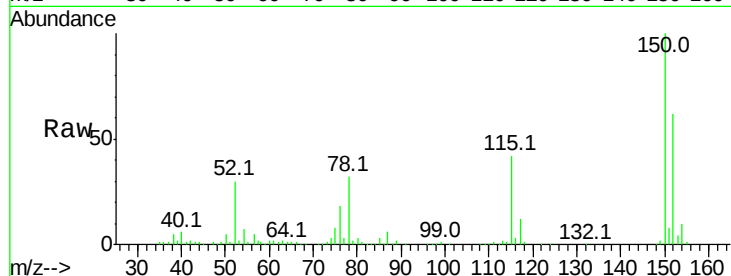
Tot Ion:152 Resp: 176065

Ion Ratio Lower Upper

152 100

150 161.3 129.8 194.8

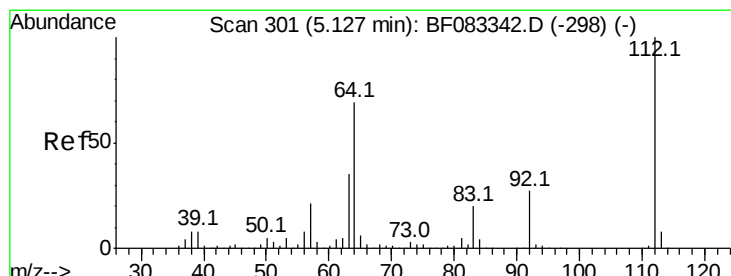
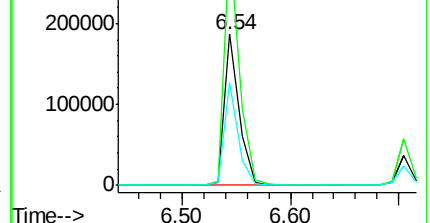
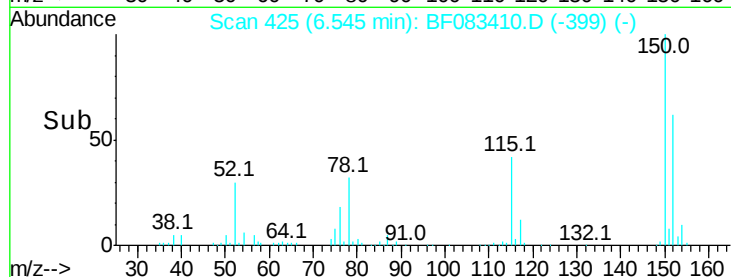
115 67.8 59.2 88.8



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: 5.26 ng

RT: 5.14 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

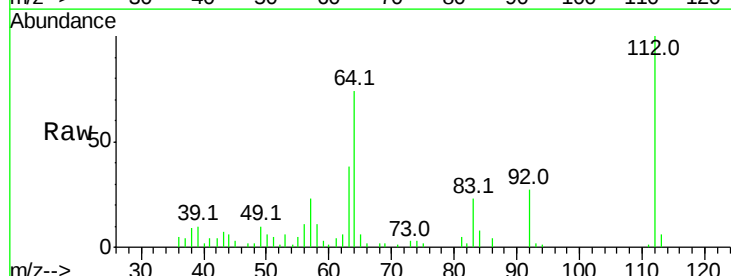
Tgt Ion:112 Resp: 61689

Ion Ratio Lower Upper

112 100

64 74.3 55.6 83.4

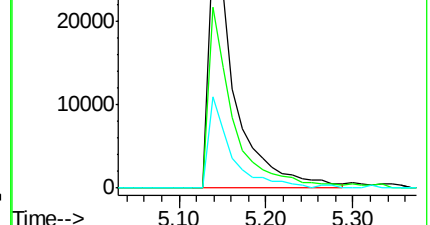
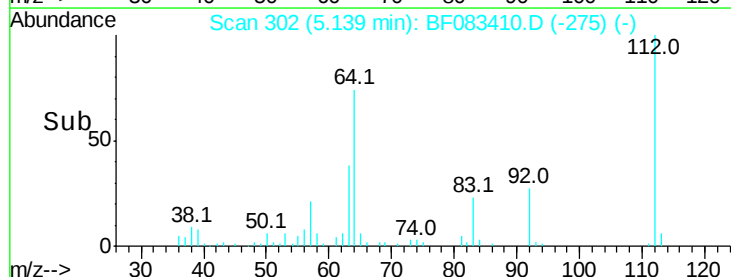
63 37.5 28.2 42.2

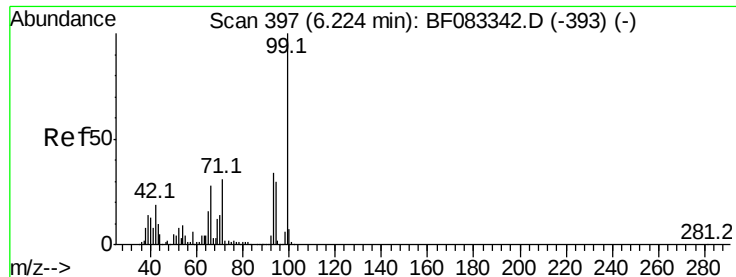


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.36 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

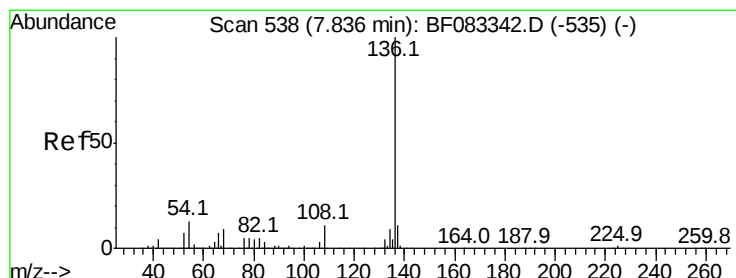
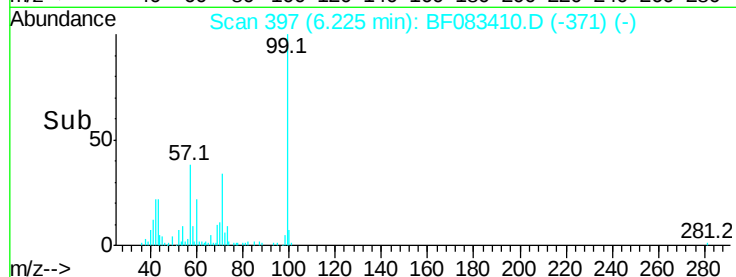
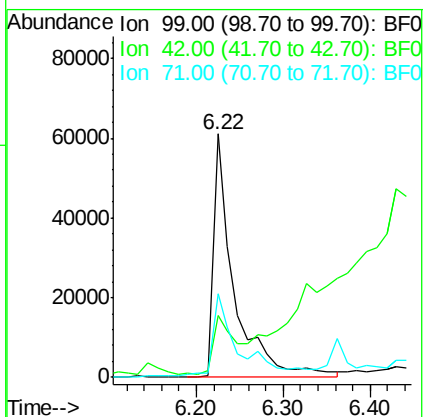
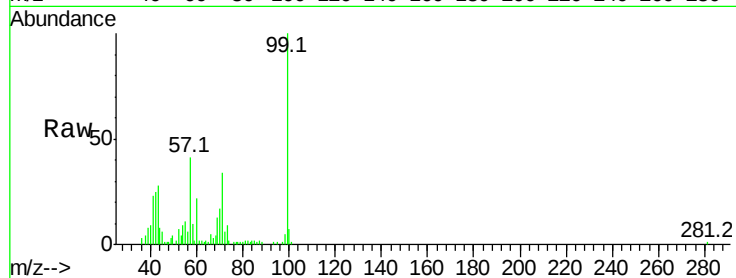
Tot Ion: 99 Resp: 102081

Ion Ratio Lower Upper

99 100

42 25.2 14.9 22.3#

71 34.3 24.7 37.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Tgt Ion: 136 Resp: 658678

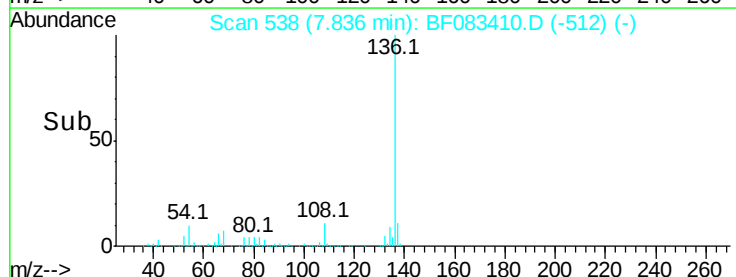
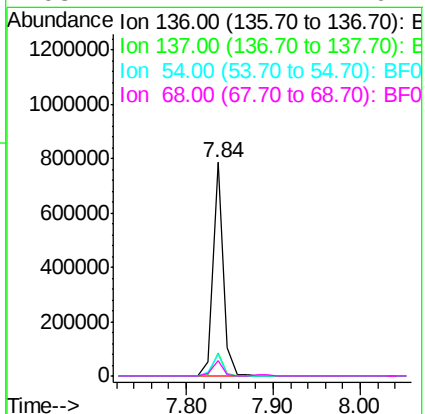
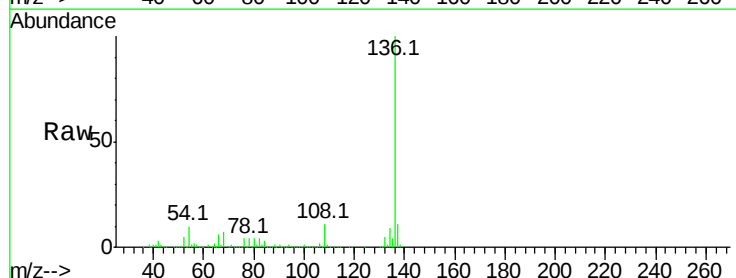
Ion Ratio Lower Upper

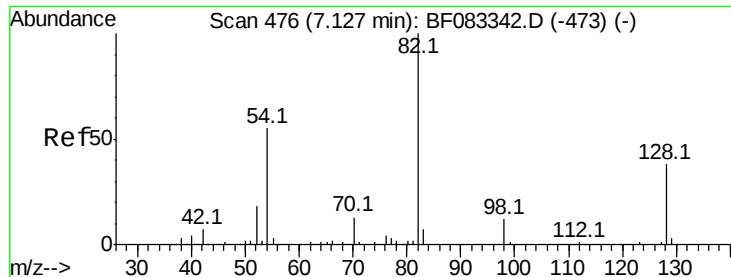
136 100

137 11.0 9.0 13.4

54 10.3 10.1 15.1

68 7.4 7.1 10.7





#23

Nitrobenzene-d5

Concen: 4.28 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

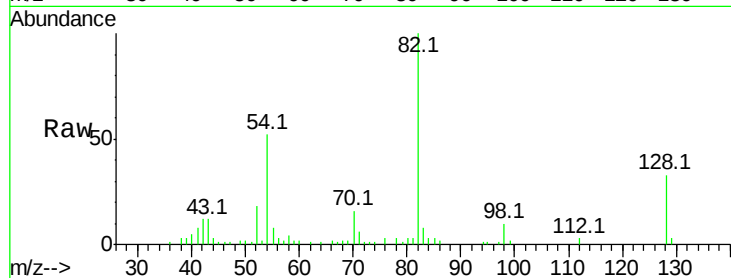
Tot Ion: 82 Resp: 64146

Ion Ratio Lower Upper

82 100

128 32.9 30.6 46.0

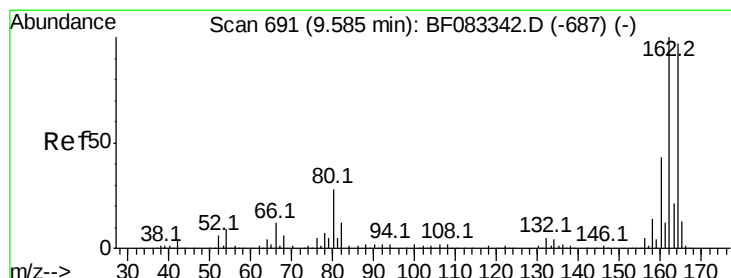
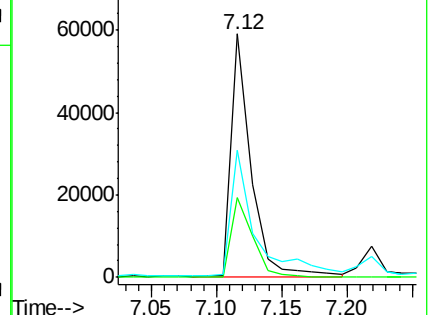
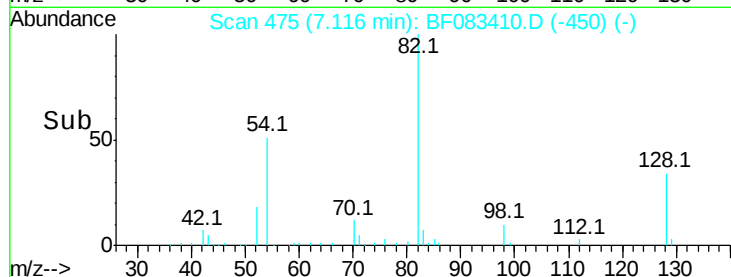
54 52.0 43.8 65.6



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: 9.58 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

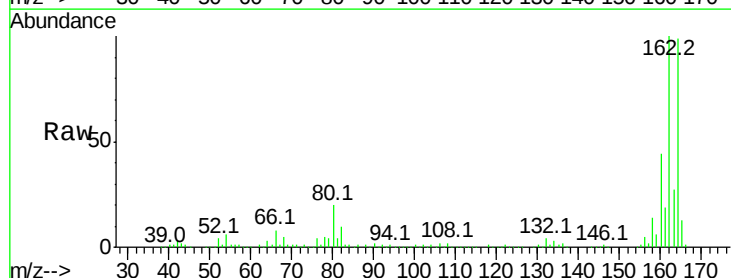
Tgt Ion:164 Resp: 281088

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

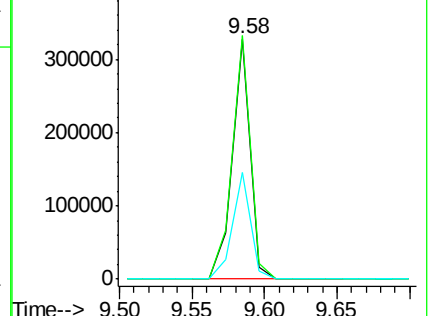
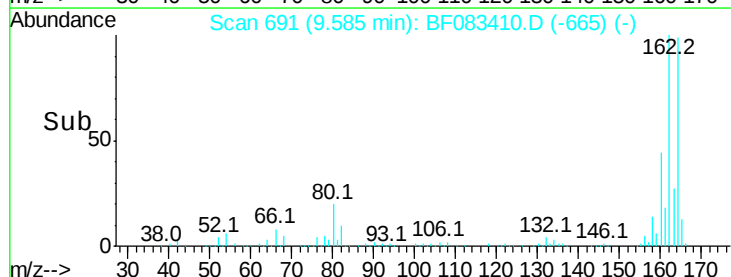
160 44.6 35.3 52.9

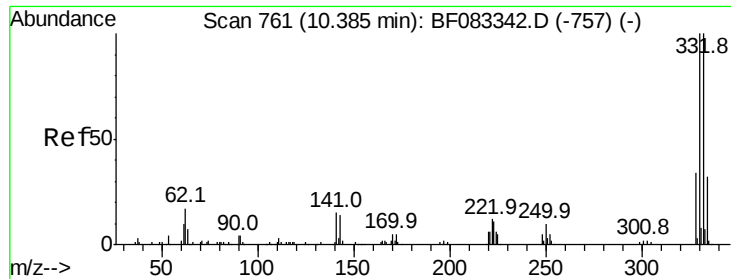


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

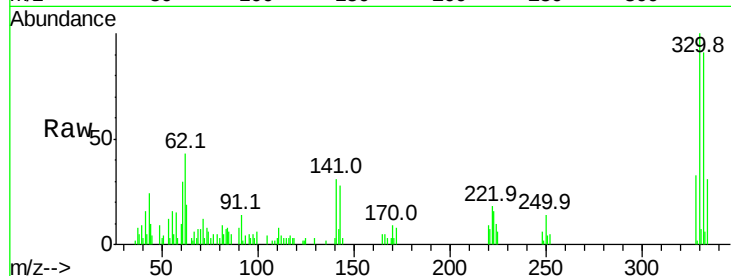




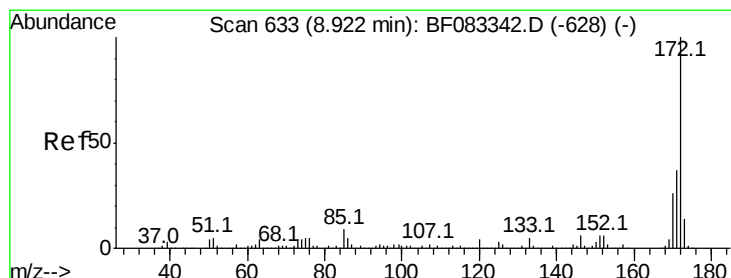
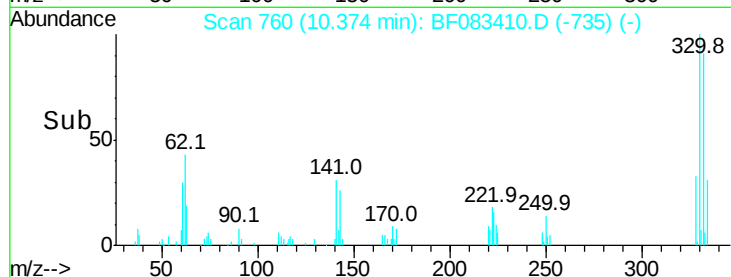
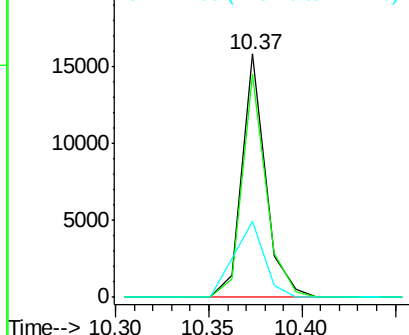
#41
 2,4,6-Tribromophenol
 Concen: 4.97 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Instrument :
 BNA_F
 ClientSampleId :
 1511173891

Tot Ion:330 Resp: 14036
 Ion Ratio Lower Upper
 330 100
 332 92.1 77.8 116.6
 141 40.3 29.4 44.0

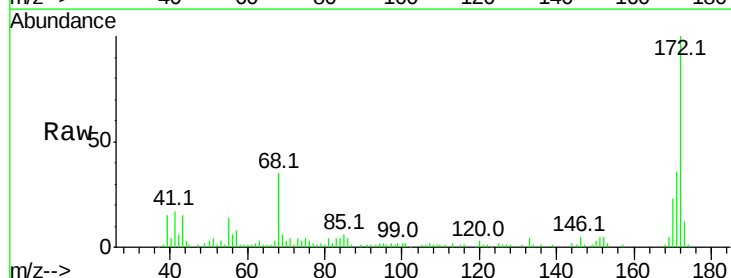


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

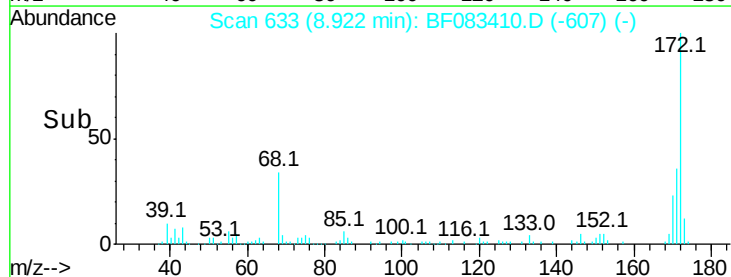
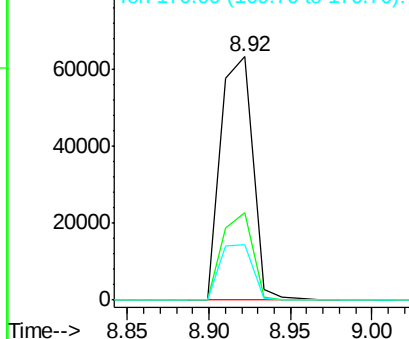


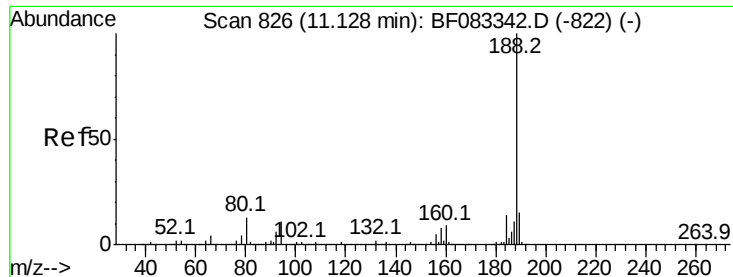
#44
 2-Fluorobiphenyl
 Concen: 4.34 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083410.D
 Acq: 2 Dec 2015 10:19

Tgt Ion:172 Resp: 85559
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 23.0 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

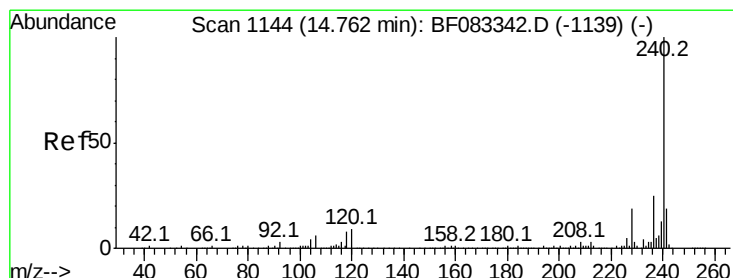
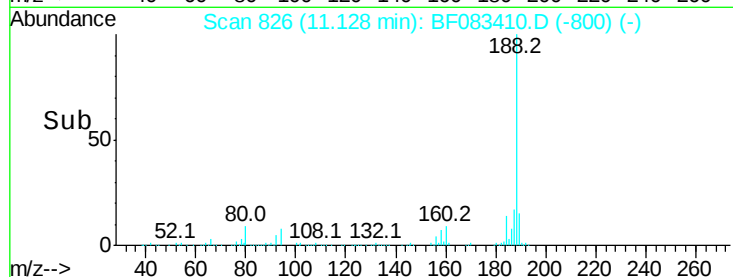
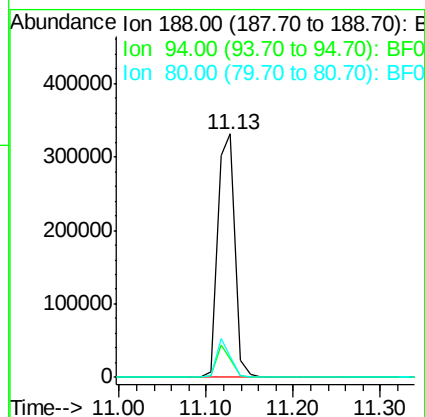
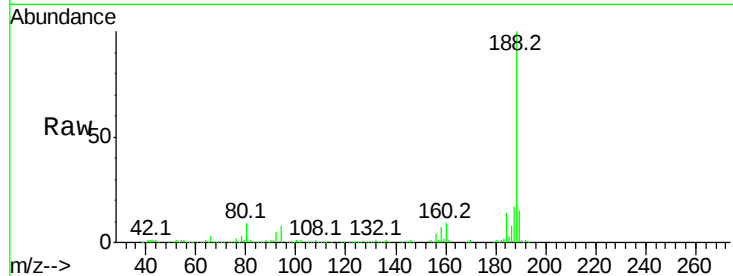




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF083410.D
Acq: 2 Dec 2015 10:19

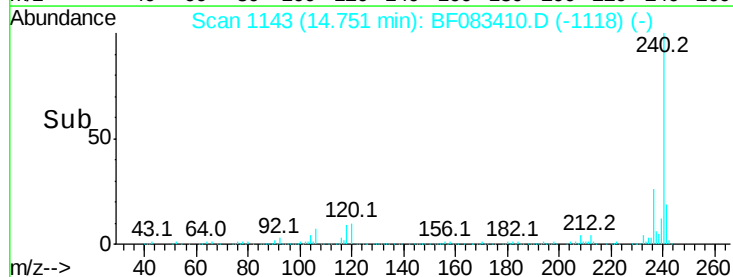
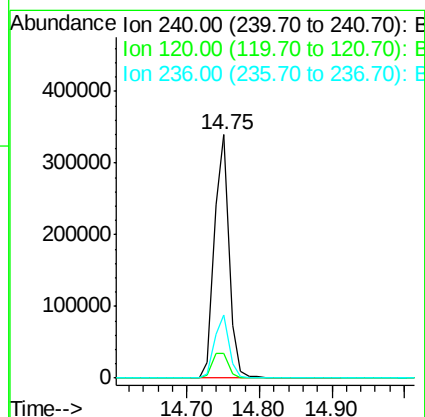
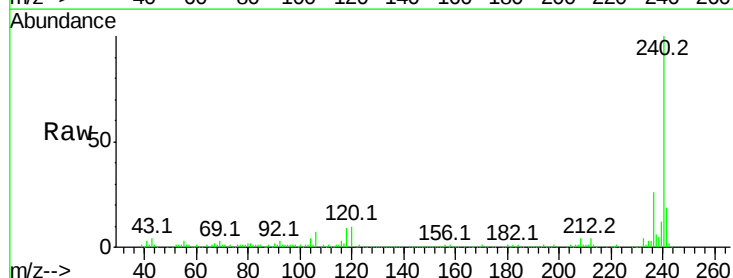
Instrument :
BNA_F
ClientSampleId :
1511173891

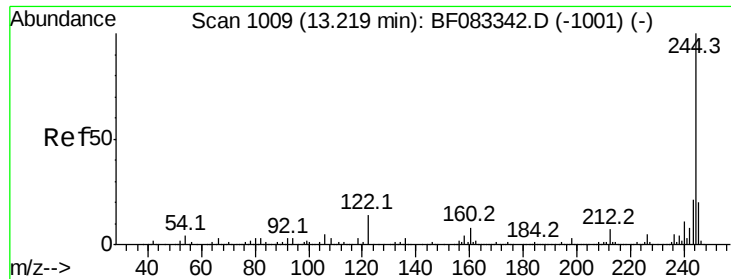
Tot Ion:188 Resp: 461287
Ion Ratio Lower Upper
188 100
94 7.6 8.7 13.1#
80 8.8 10.3 15.5#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF083410.D
Acq: 2 Dec 2015 10:19

Tgt Ion:240 Resp: 477724
Ion Ratio Lower Upper
240 100
120 10.0 6.9 10.3
236 26.2 19.8 29.6





#78

Terphenyl-d14

Concen: 3.97 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083410.D

Acq: 2 Dec 2015 10:19

Instrument :

BNA_F

ClientSampleId :

1511173891

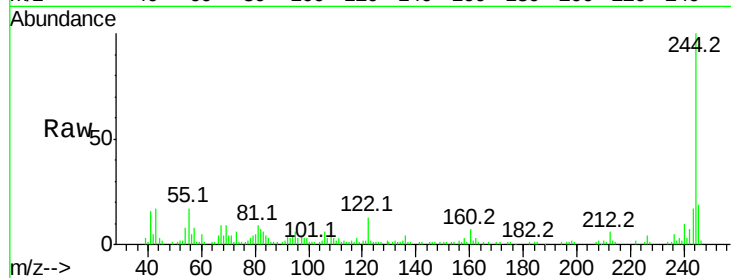
Tot Ion:244 Resp: 79522

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

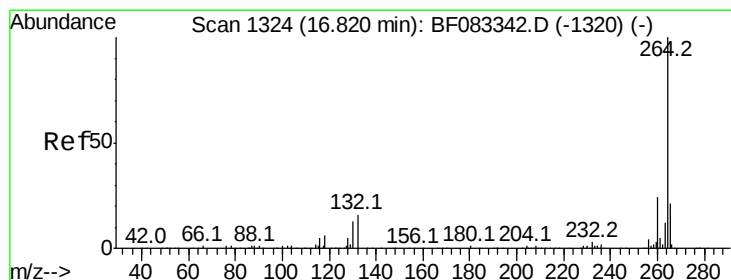
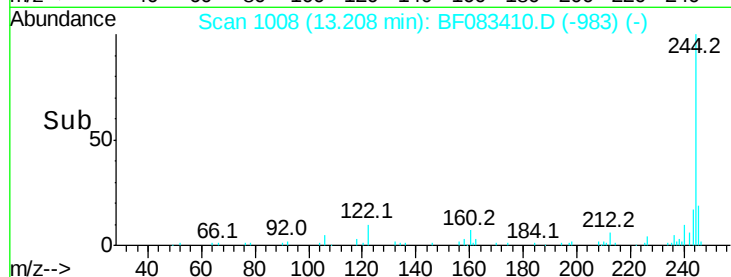
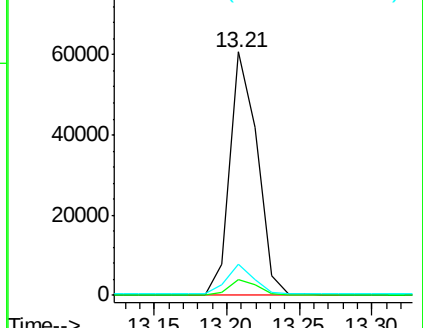
122 12.7 11.0 16.4



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: BF083410.D

Acq: 2 Dec 2015 10:19

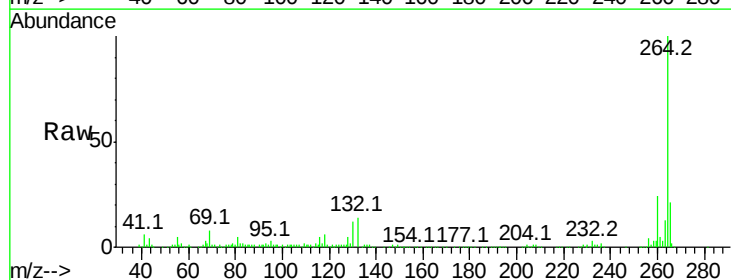
Tgt Ion:264 Resp: 324000

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.4

265 21.4 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

