

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083398.D
 Acq On : 2 Dec 2015 4:05
 Operator : UM/IZ
 Sample : G4587-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Dec 02 04:44:59 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	167450	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	659074	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	347122	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	651640	20.00	ng	0.00
75) Chrysene-d12	14.75	240	525755	20.00	ng	-0.01
86) Perylene-d12	16.81	264	428287	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	672142	60.23	ng	0.00
7) Phenol-d6	6.21	99	546905	35.81	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1263440	84.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	404727	116.15	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	2146950	88.14	ng	0.00
78) Terphenyl-d14	13.22	244	2112102	95.81	ng	0.00

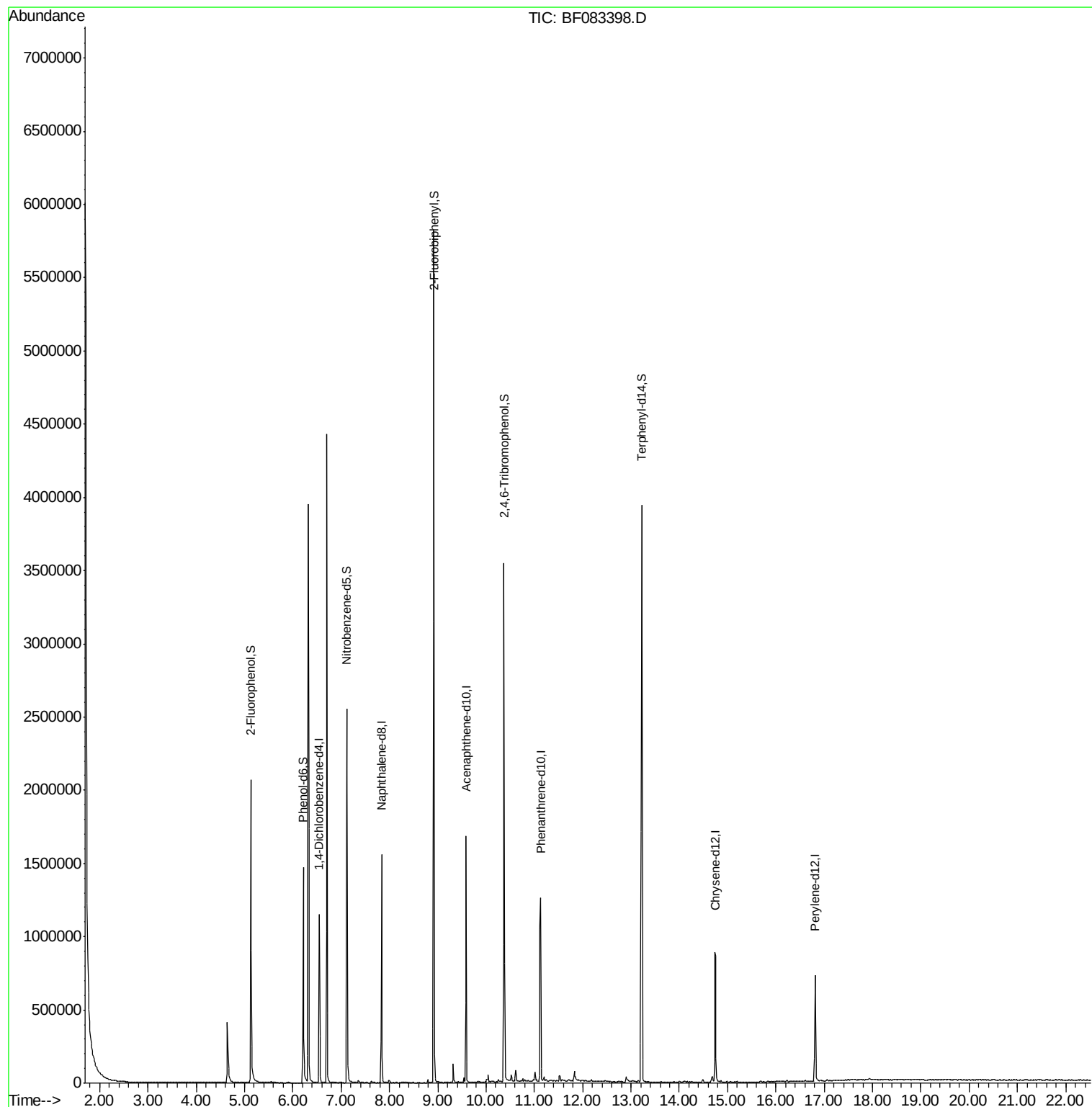
Target Compounds Qvalue

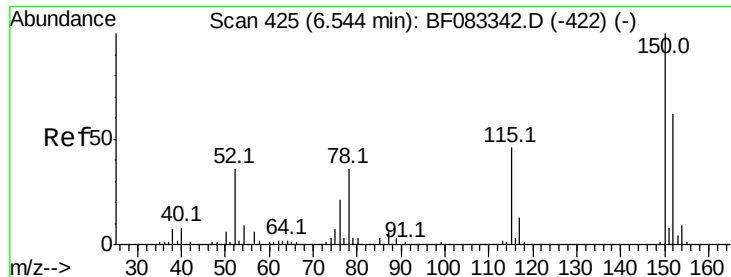
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083398.D

Acq: 2 Dec 2015 4:05

Instrument :

BNA_F

ClientSampled :

MW-05

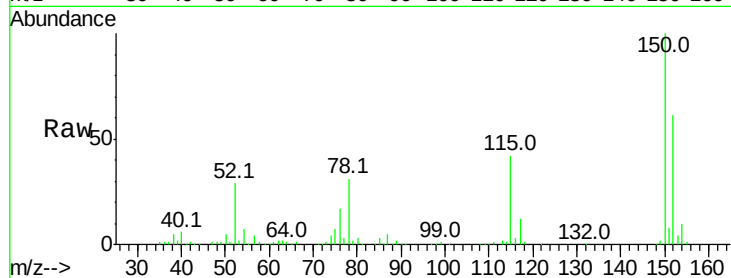
Tot Ion:152 Resp: 167450

Ion Ratio Lower Upper

152 100

150 165.0 129.8 194.8

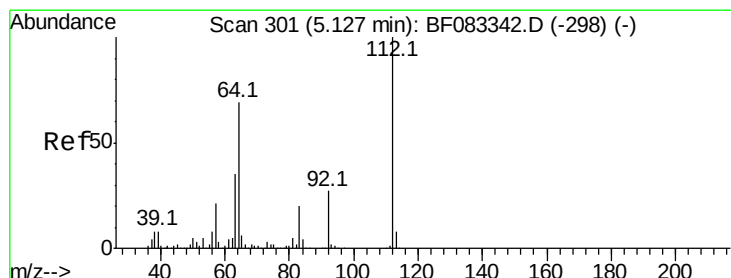
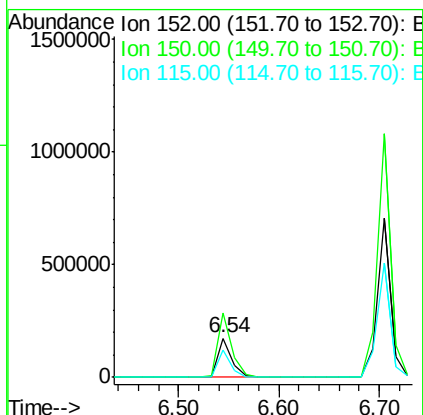
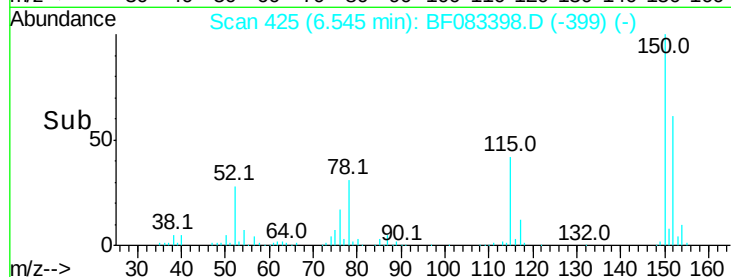
115 69.7 59.2 88.8



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: 60.23 ng

RT: 5.13 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083398.D

Acq: 2 Dec 2015 4:05

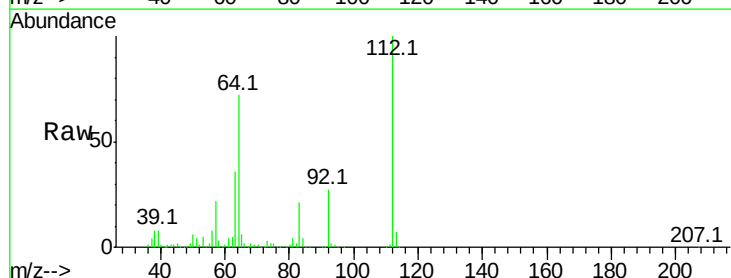
Tgt Ion:112 Resp: 672142

Ion Ratio Lower Upper

112 100

64 71.9 55.6 83.4

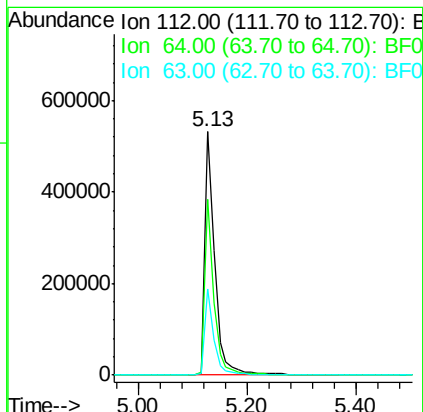
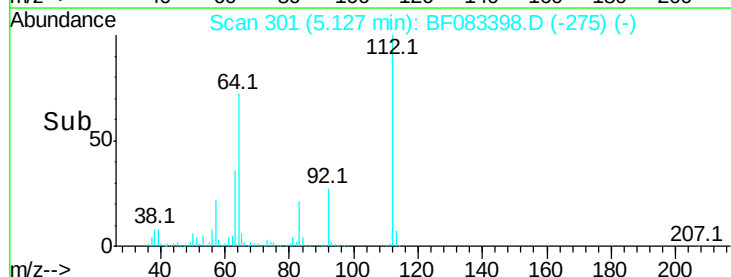
63 35.6 28.2 42.2

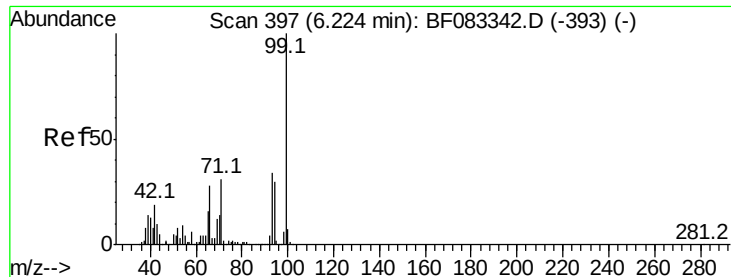


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.81 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083398.D

Acq: 2 Dec 2015 4:05

Instrument :

BNA_F

ClientSampleId :

MW-05

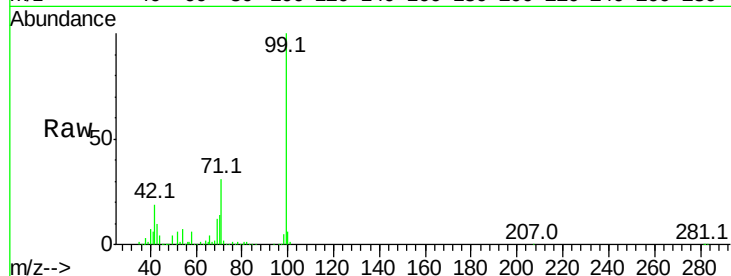
Tot Ion: 99 Resp: 546905

Ion Ratio Lower Upper

99 100

42 18.8 14.9 22.3

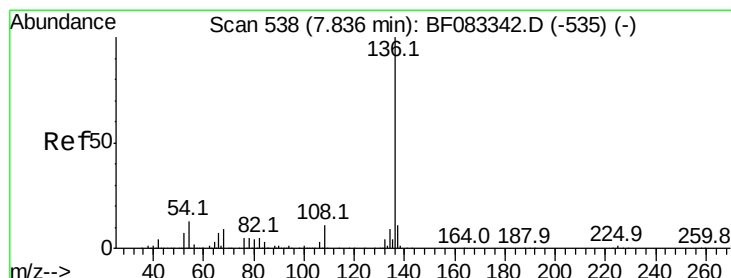
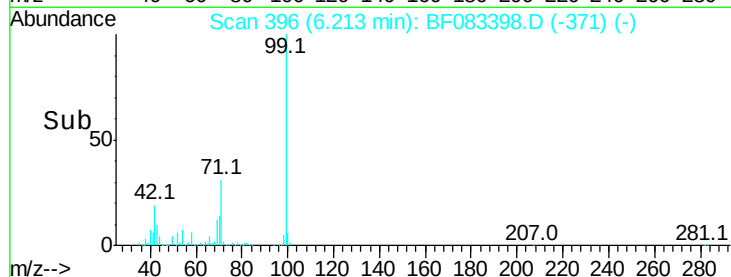
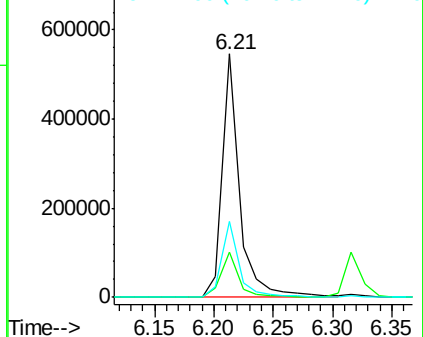
71 31.0 24.7 37.1



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: BF083398.D

Acq: 2 Dec 2015 4:05

Tgt Ion: 136 Resp: 659074

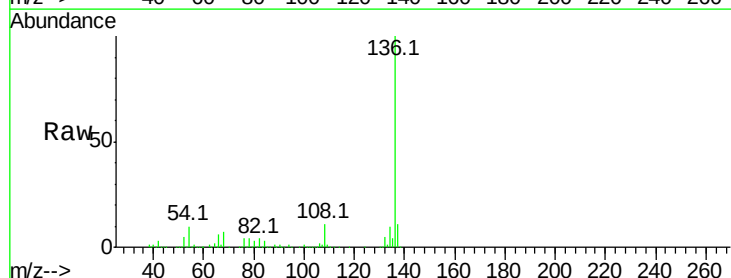
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 10.4 10.1 15.1

68 7.5 7.1 10.7

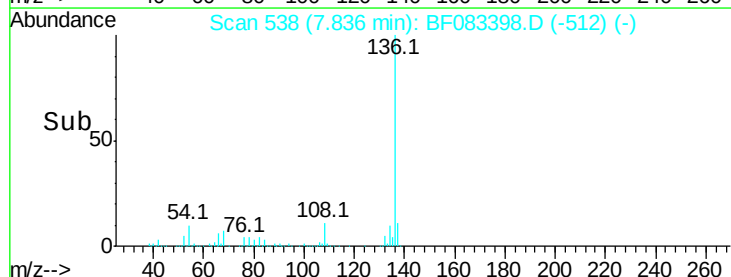
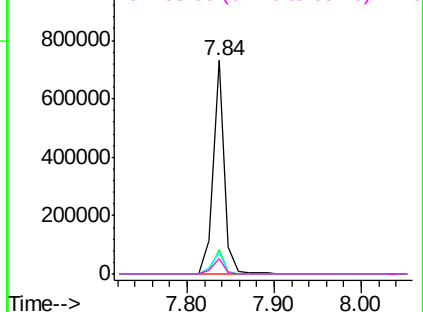


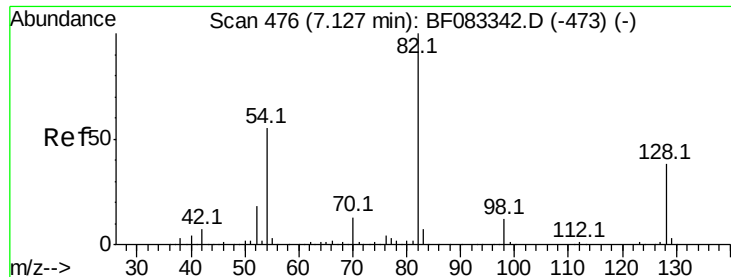
Abundance Ion 136.00 (135.70 to 136.70): E

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

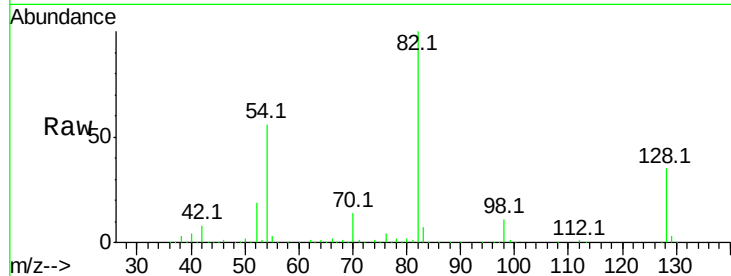




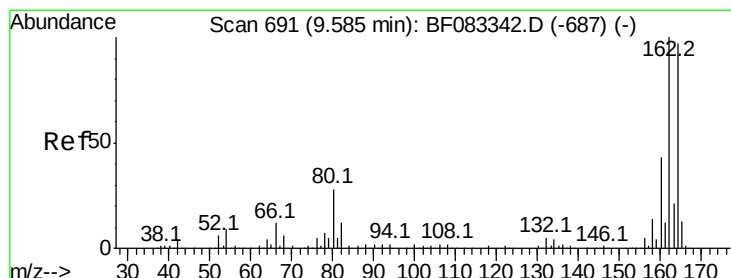
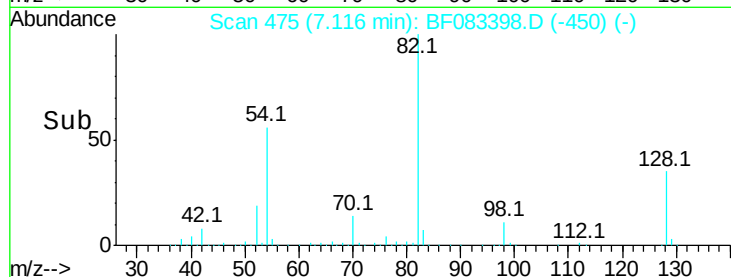
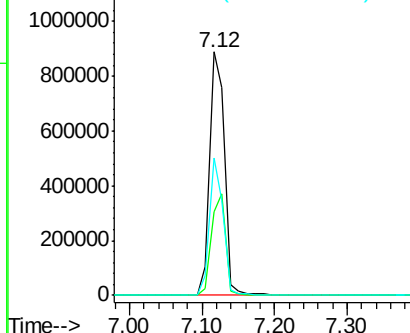
#23
Nitrobenzene-d5
Concen: 84.27 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Instrument :
BNA_F
ClientSampleId :
MW-05

Tot Ion: 82 Resp: 1263440
Ion Ratio Lower Upper
82 100
128 34.6 30.6 46.0
54 56.4 43.8 65.6

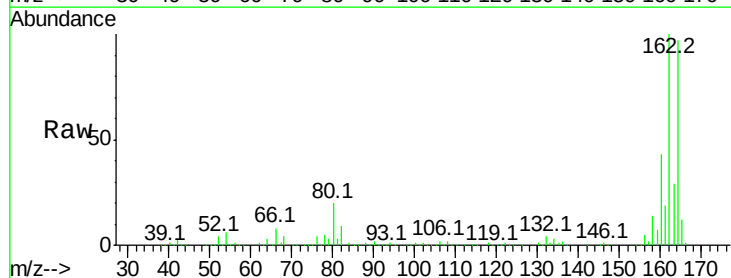


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

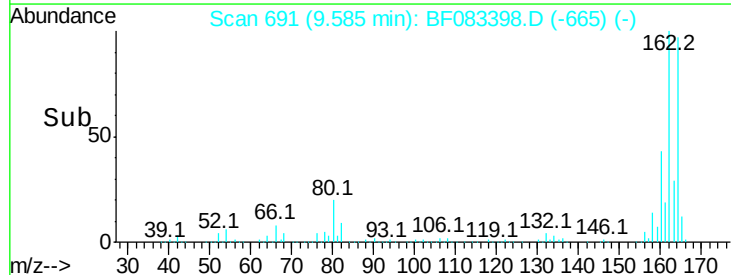
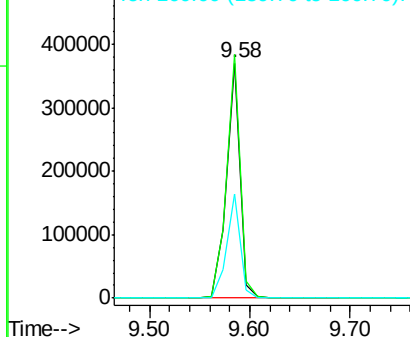


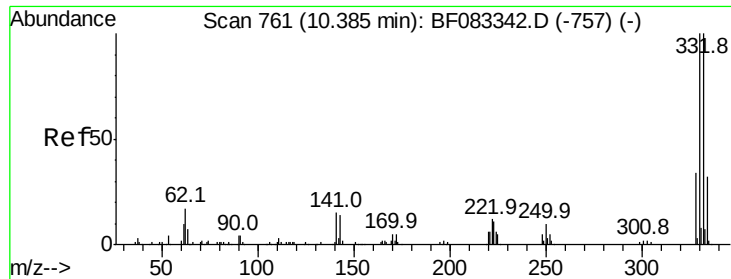
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF083398.D
Acq: 2 Dec 2015 4:05

Tgt Ion:164 Resp: 347122
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 44.3 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

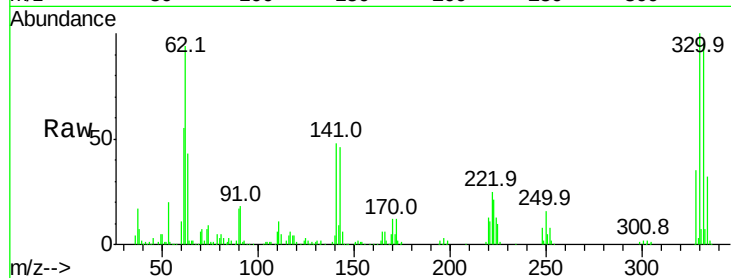




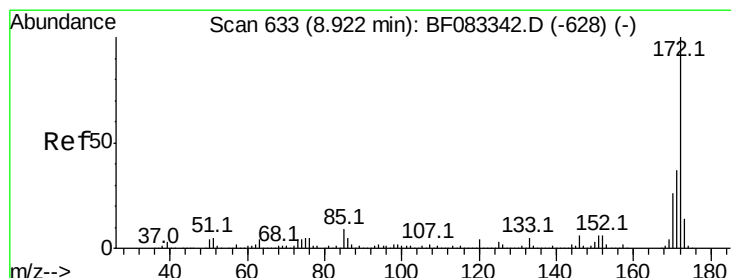
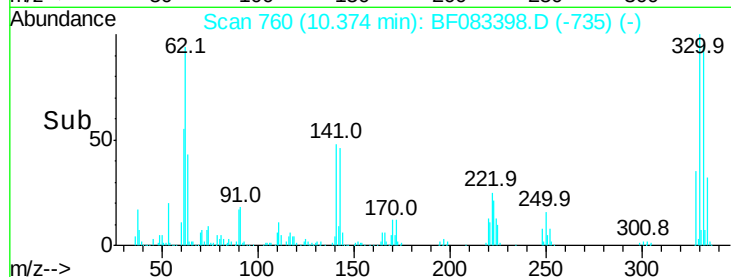
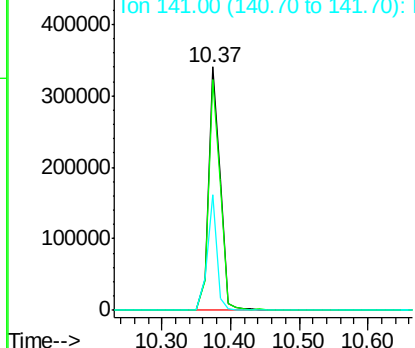
#41
 2,4,6-Tribromophenol
 Concen: 116.15 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083398.D
 Acq: 2 Dec 2015 4:05

Instrument :
 BNA_F
 ClientSampled :
 MW-05

Tot Ion:330 Resp: 404727
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.8 116.6
 141 39.5 29.4 44.0

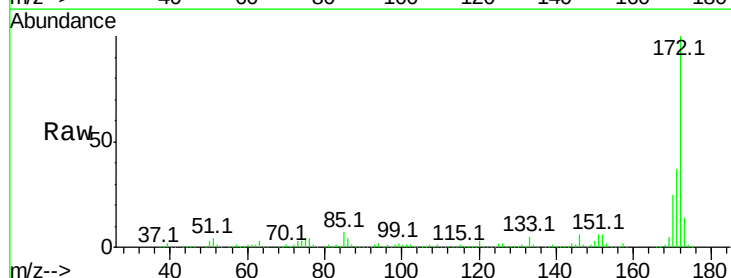


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

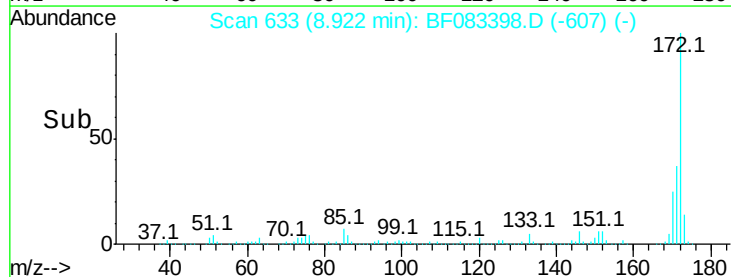
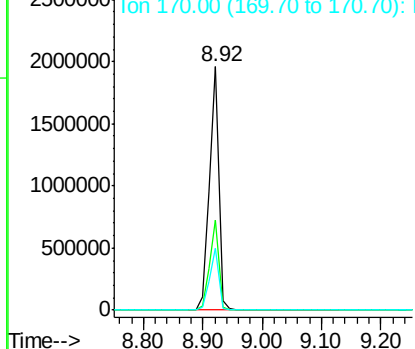


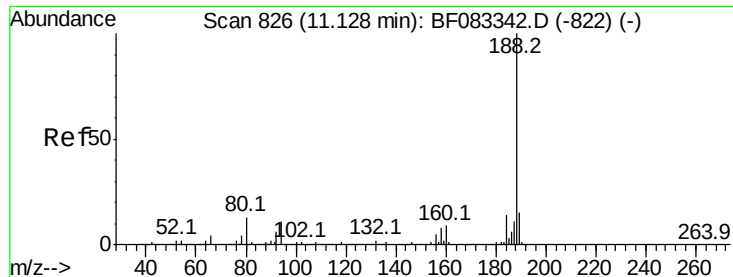
#44
 2-Fluorobiphenyl
 Concen: 88.14 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083398.D
 Acq: 2 Dec 2015 4:05

Tgt Ion:172 Resp: 2146950
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.0
 170 25.4 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: BF083398.D

Acq: 2 Dec 2015 4:05

Instrument :

BNA_F

ClientSampleId :

MW-05

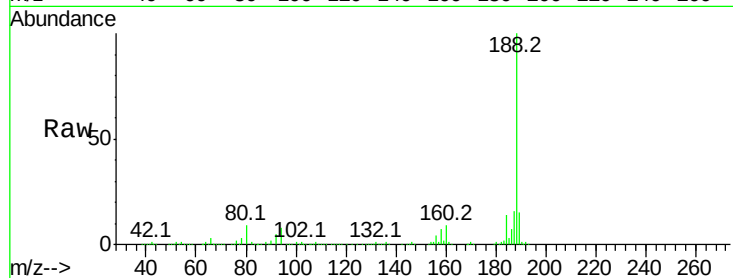
Tot Ion:188 Resp: 651640

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

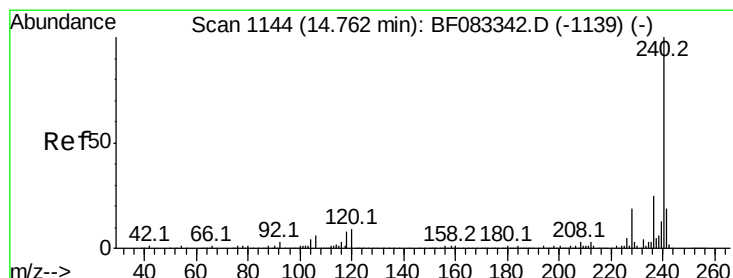
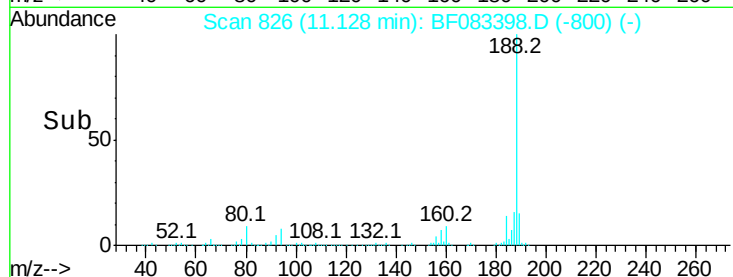
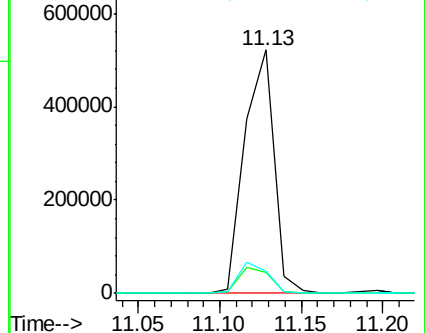
80 9.1 10.3 15.5#



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: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083398.D

Acq: 2 Dec 2015 4:05

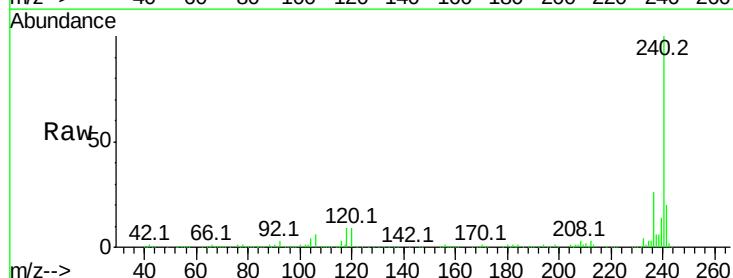
Tgt Ion:240 Resp: 525755

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

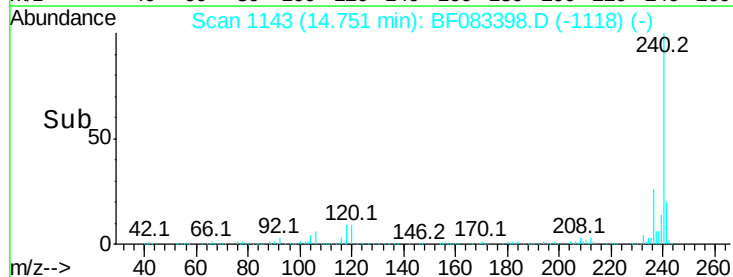
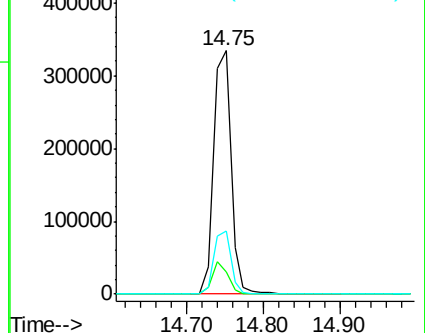
236 25.7 19.8 29.6

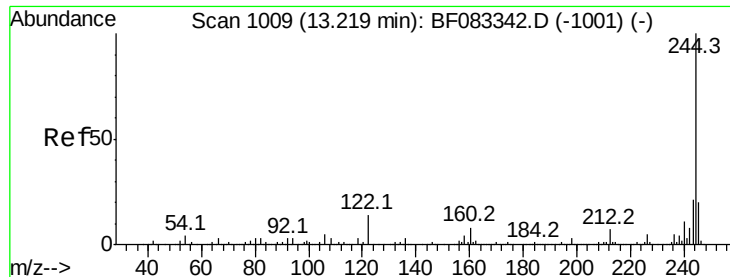


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 95.81 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083398.D

Acq: 2 Dec 2015 4:05

Instrument :

BNA_F

ClientSampleId :

MW-05

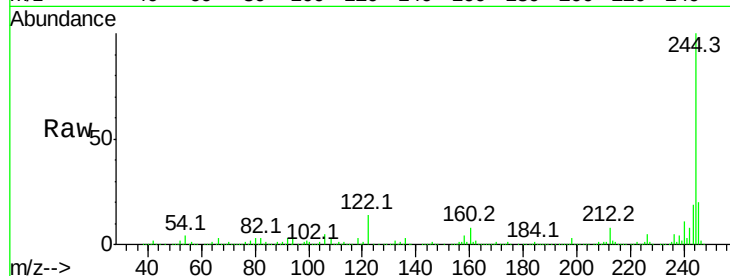
Tot Ion:244 Resp: 2112102

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

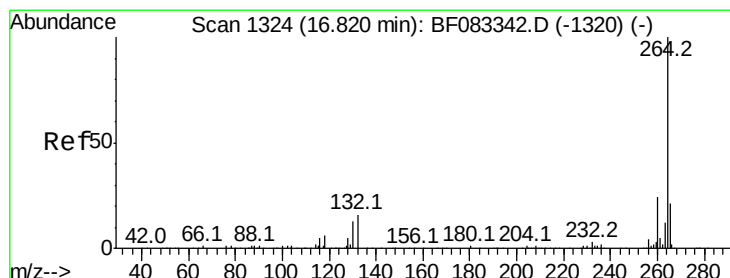
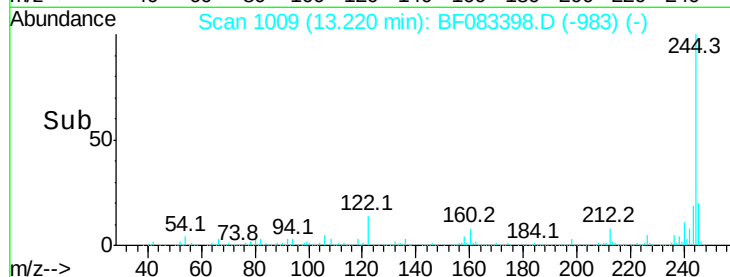
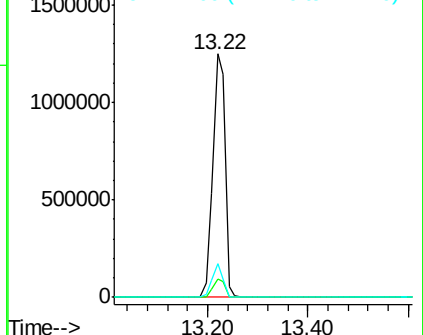
122 14.0 11.0 16.4



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: 16.81 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF083398.D

Acq: 2 Dec 2015 4:05

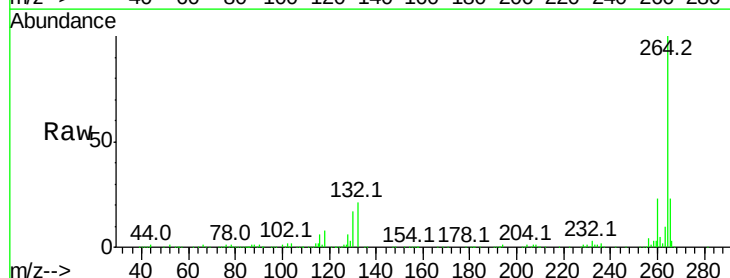
Tgt Ion:264 Resp: 428287

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 22.8 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

