

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
 Data File : BF083378.D
 Acq On : 1 Dec 2015 17:55
 Operator : UM/IZ
 Sample : G4561-12
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Quant Time: Dec 02 03:30:32 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	154496	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	615608	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	317252	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	646609	20.00	ng	0.00
75) Chrysene-d12	14.75	240	604945	20.00	ng	-0.01
86) Perylene-d12	16.82	264	476309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1277888	124.12	ng	0.02
7) Phenol-d6	6.22	99	1562042	110.84	ng	0.00
23) Nitrobenzene-d5	7.12	82	1194810	85.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	416410	130.75	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	1989851	89.38	ng	0.00
78) Terphenyl-d14	13.22	244	2283899	90.04	ng	0.00

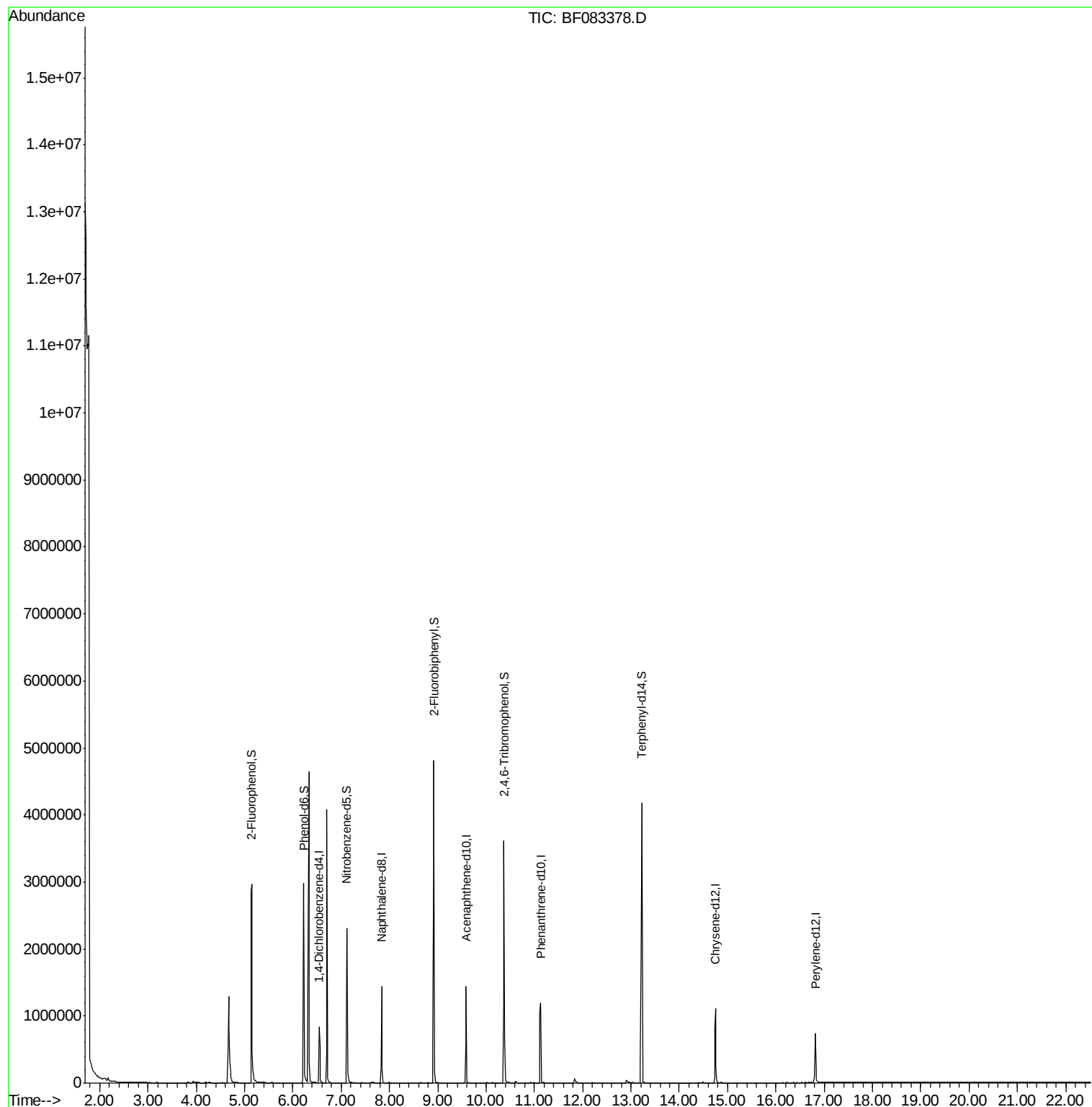
Target Compounds Qvalue

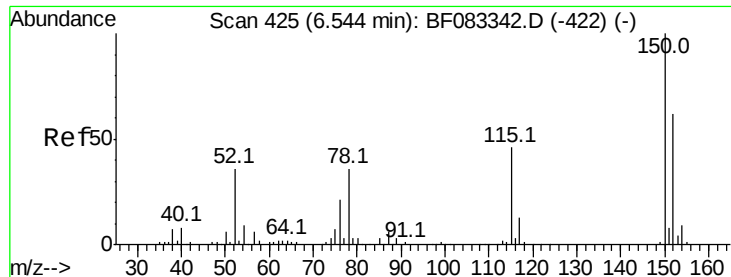
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083378.D
Acq On : 1 Dec 2015 17:55
Operator : UM/IZ
Sample : G4561-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SB17A(6-6.5)

Quant Time: Dec 02 03:30:32 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



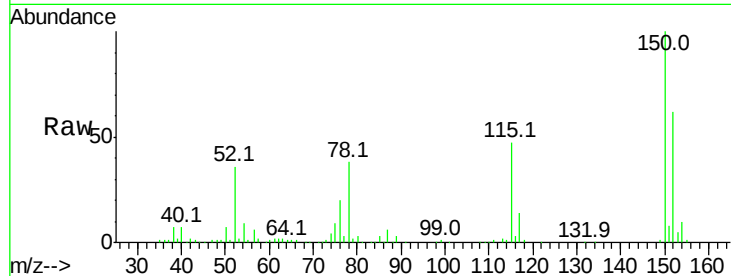


#1

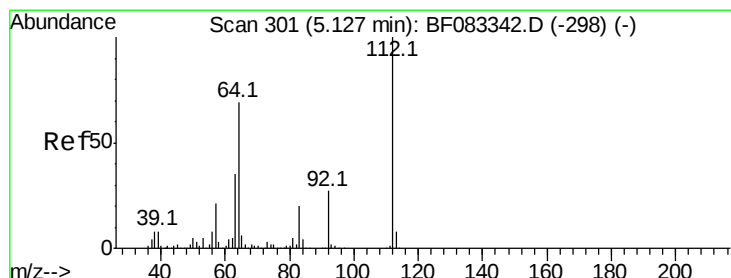
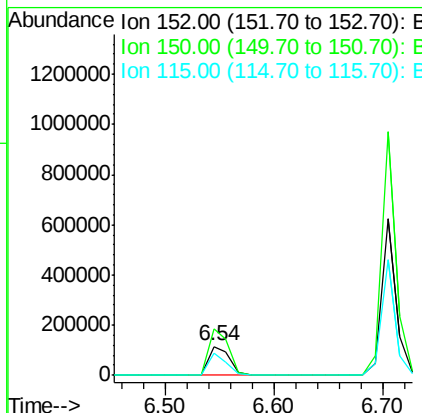
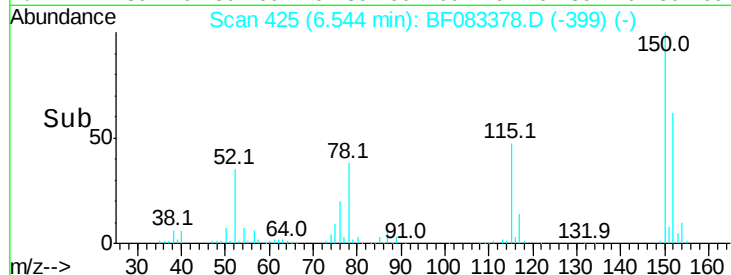
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083378.D
Acq: 1 Dec 2015 17:55

Instrument :
BNA_F
ClientSampleId :
LS-SB17A(6-6.5)

Tot Ion:152 Resp: 154496
Ion Ratio Lower Upper
152 100
150 160.6 129.8 194.8
115 75.3 59.2 88.8



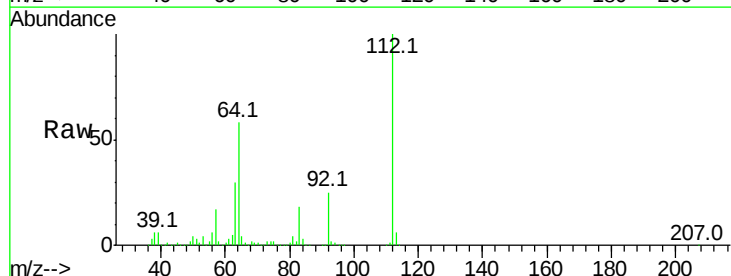
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



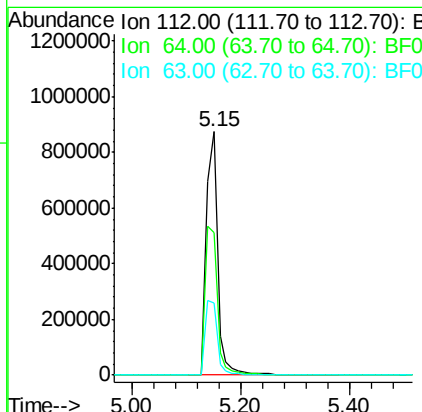
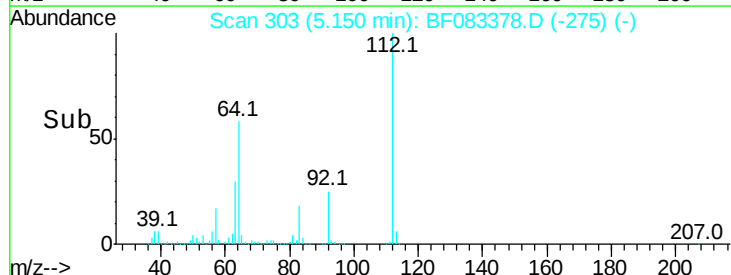
#5

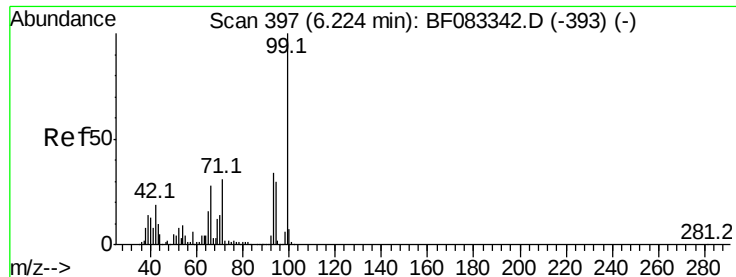
2-Fluorophenol
Concen: 124.12 ng
RT: 5.15 min Scan# 303
Delta R.T. 0.02 min
Lab File: BF083378.D
Acq: 1 Dec 2015 17:55

Tgt Ion:112 Resp: 1277888
Ion Ratio Lower Upper
112 100
64 58.5 55.6 83.4
63 29.6 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: 110.84 ng

RT: 6.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

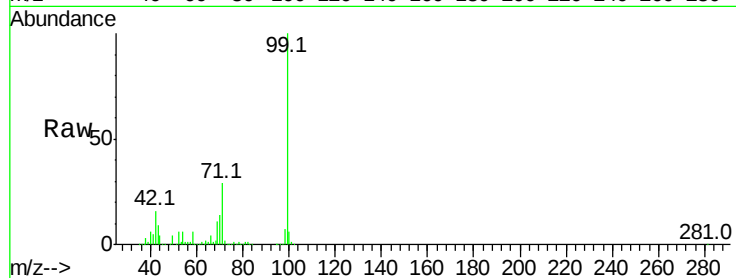
Tot Ion: 99 Resp: 1562042

Ion Ratio Lower Upper

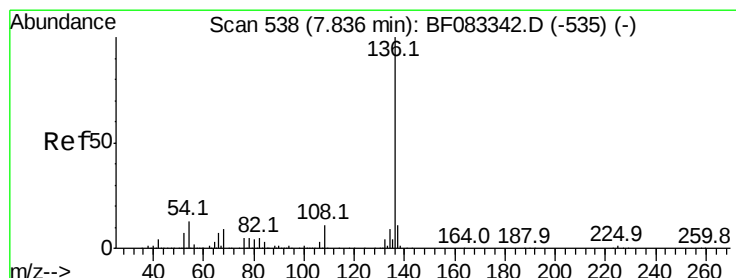
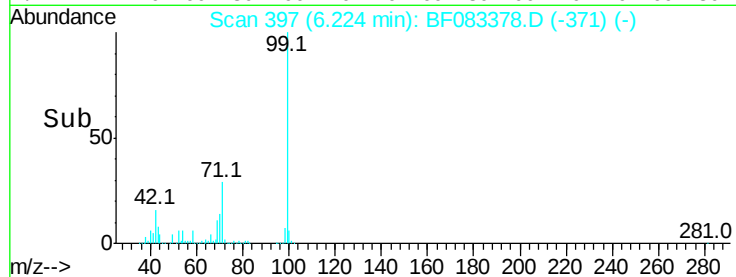
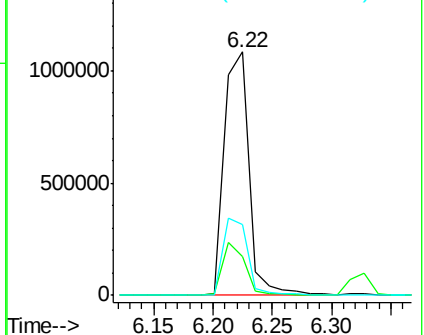
99 100

42 16.0 14.9 22.3

71 29.3 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: BF083378.D

Acq: 1 Dec 2015 17:55

Tgt Ion: 136 Resp: 615608

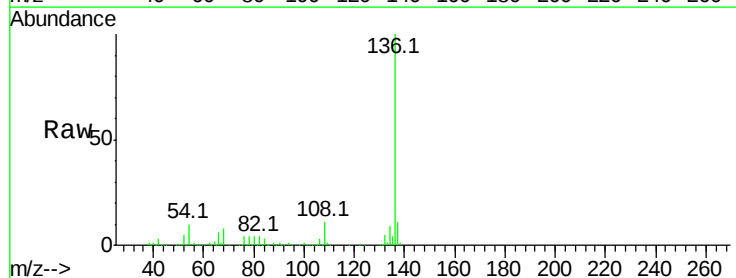
Ion Ratio Lower Upper

136 100

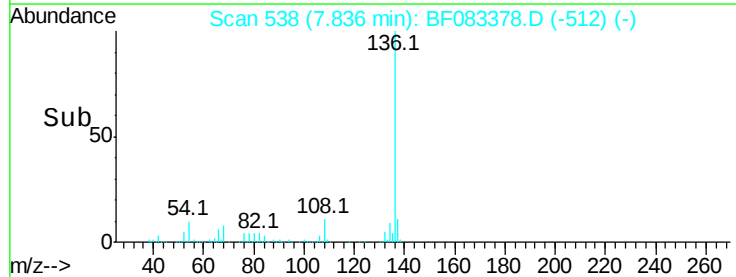
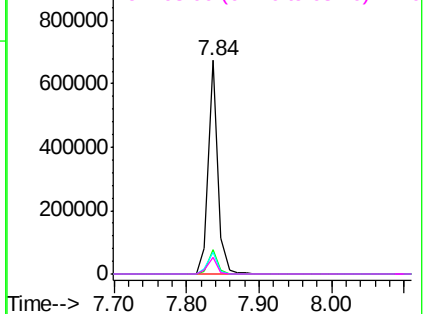
137 11.2 9.0 13.4

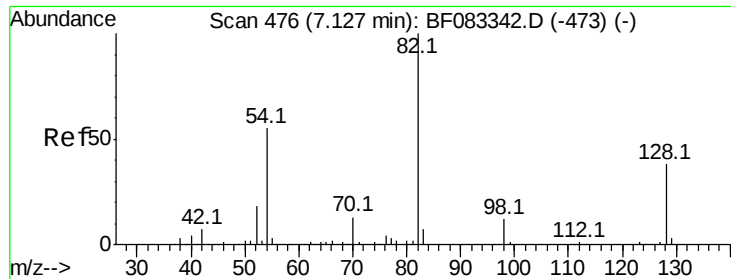
54 10.5 10.1 15.1

68 7.6 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



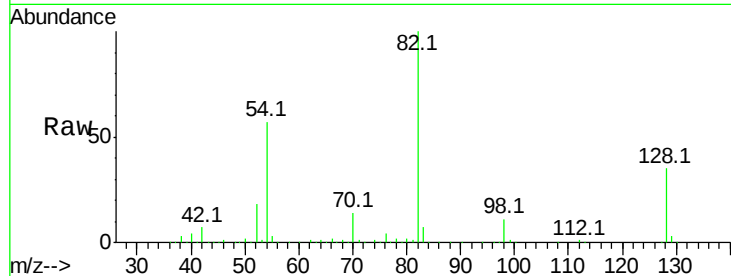


#23
 Nitrobenzene-d5
 Concen: 85.32 ng
 RT: 7.12 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

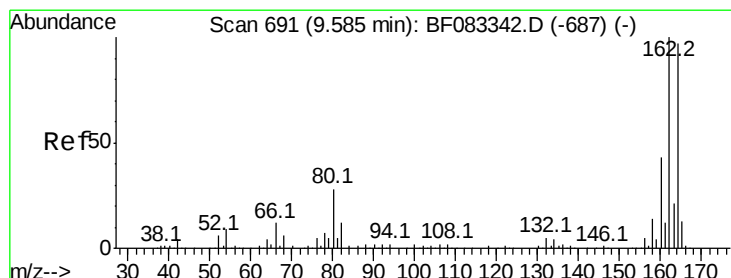
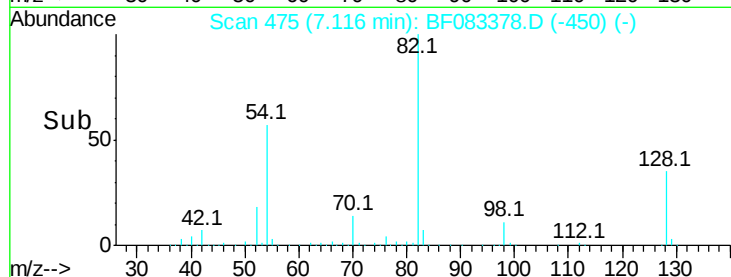
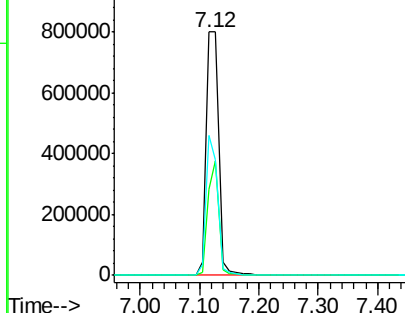
Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Tot Ion: 82 Resp: 1194810

Ion	Ratio	Lower	Upper
82	100		
128	35.2	30.6	46.0
54	57.3	43.8	65.6



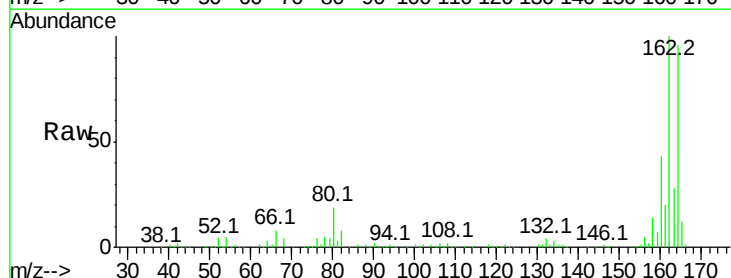
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



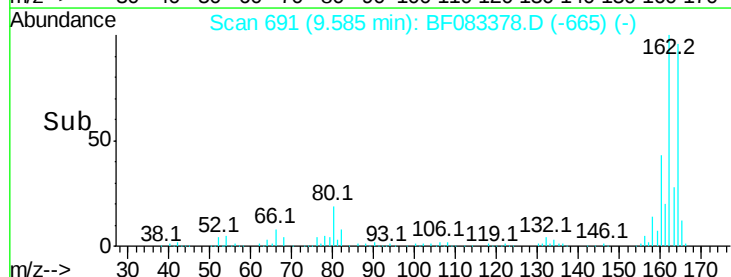
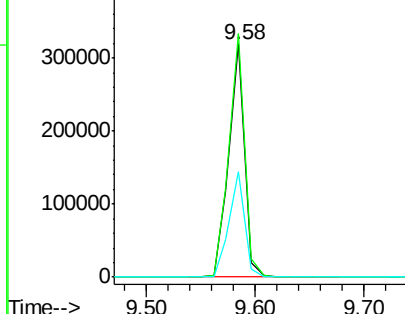
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

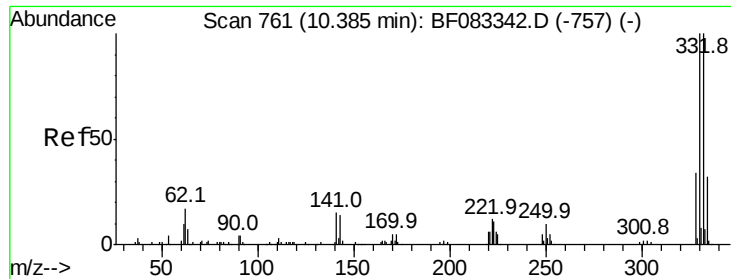
Tgt Ion:164 Resp: 317252

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	123.8
160	45.1	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

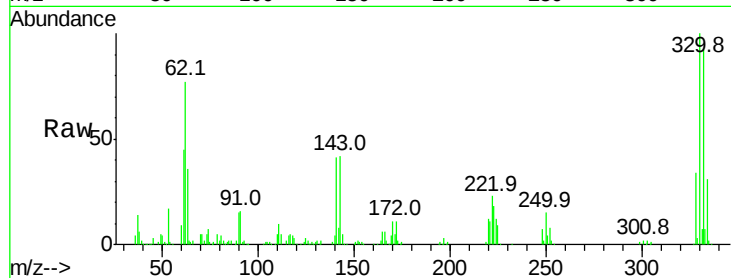




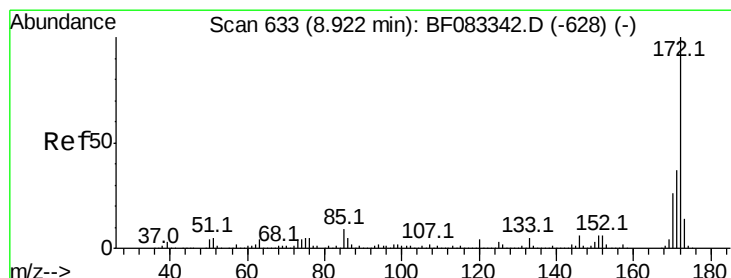
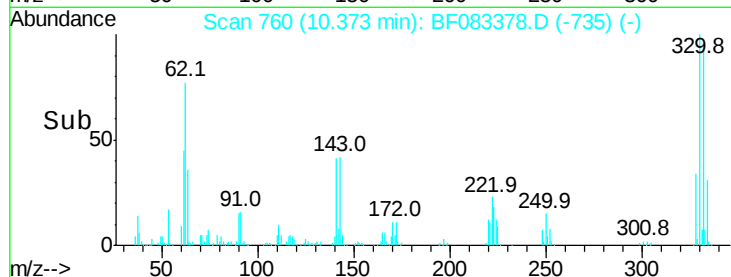
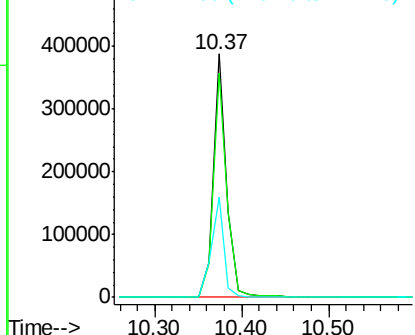
#41
 2,4,6-Tribromophenol
 Concen: 130.75 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 LS-SB17A(6-6.5)

Tot Ion:330 Resp: 416410
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.8 116.6
 141 39.9 29.4 44.0

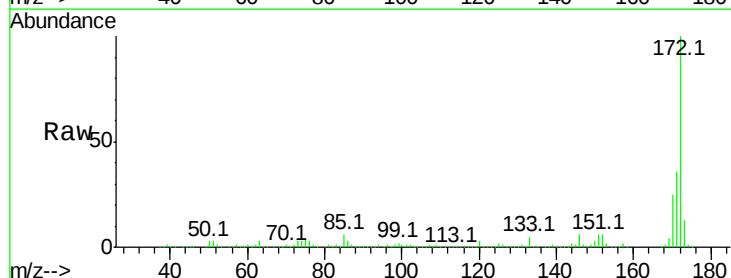


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

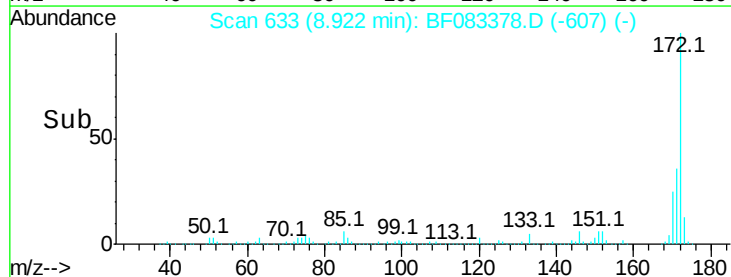
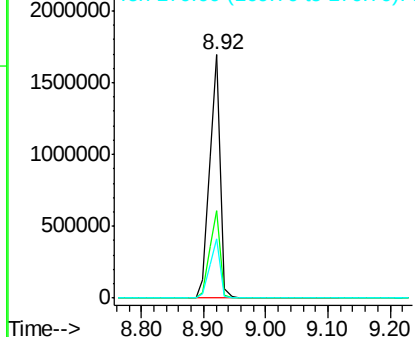


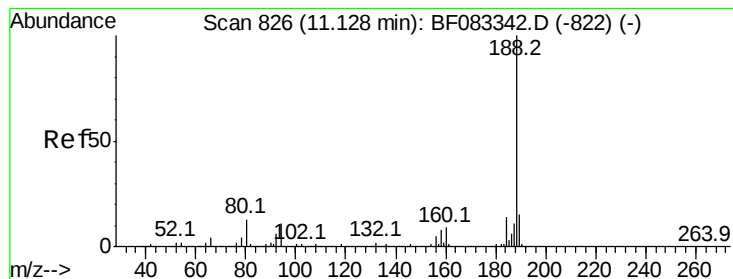
#44
 2-Fluorobiphenyl
 Concen: 89.38 ng
 RT: 8.92 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083378.D
 Acq: 1 Dec 2015 17:55

Tgt Ion:172 Resp: 1989851
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

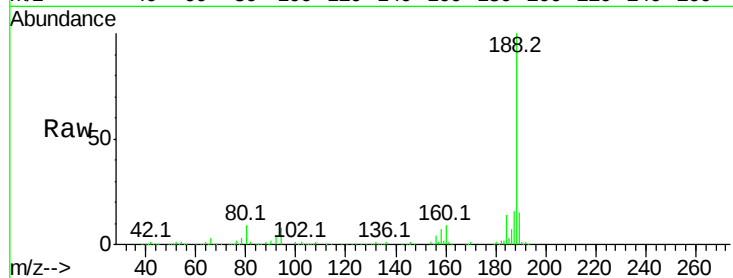
Tot Ion:188 Resp: 646609

Ion Ratio Lower Upper

188 100

94 8.1 8.7 13.1#

80 8.8 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

11.13

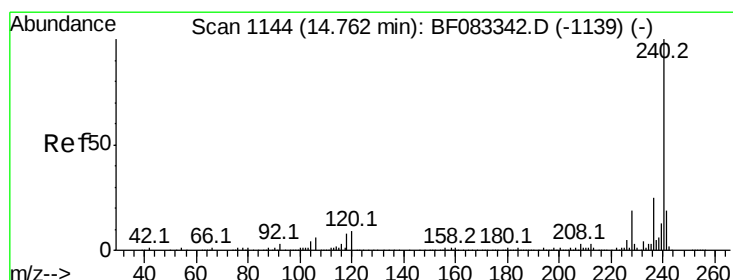
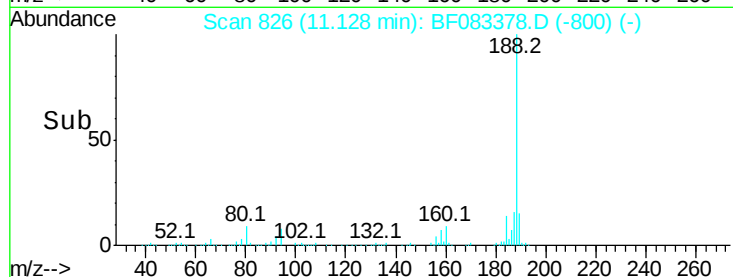
600000

400000

200000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

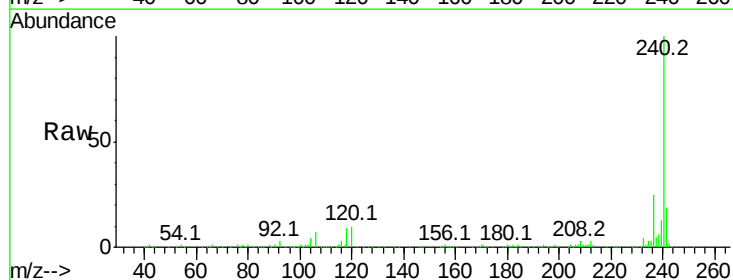
Tgt Ion:240 Resp: 604945

Ion Ratio Lower Upper

240 100

120 9.7 6.9 10.3

236 25.1 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

14.75

600000

500000

400000

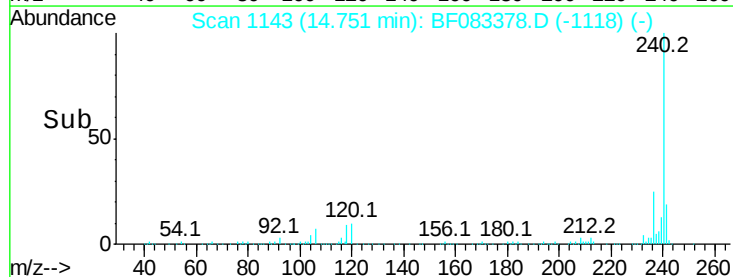
300000

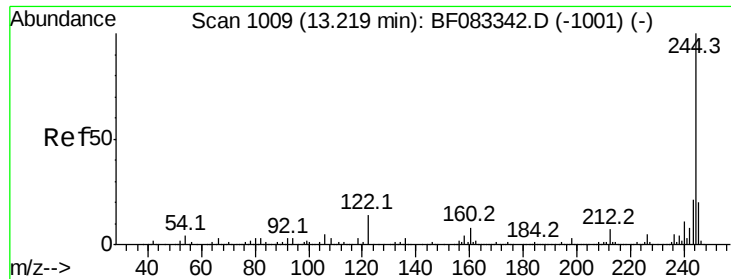
200000

100000

0

Time-->





#78

Terphenyl-d14

Concen: 90.04 ng

RT: 13.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF083378.D

Acq: 1 Dec 2015 17:55

Instrument :

BNA_F

ClientSampleId :

LS-SB17A(6-6.5)

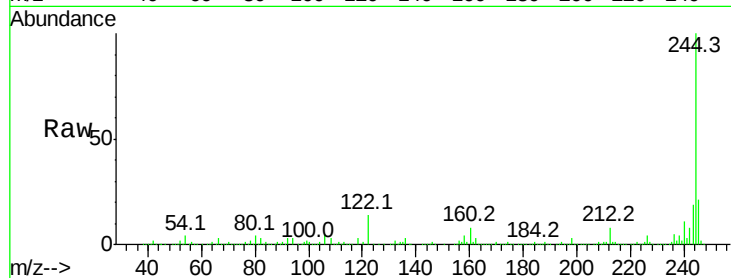
Tot Ion:244 Resp: 2283899

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

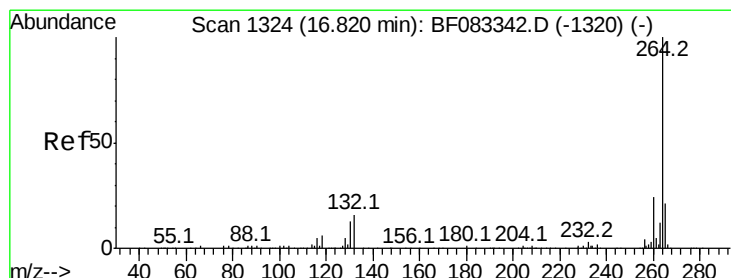
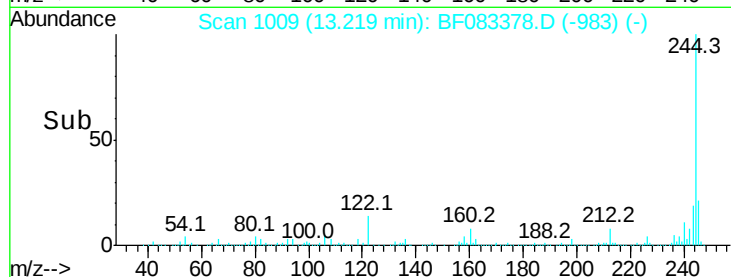
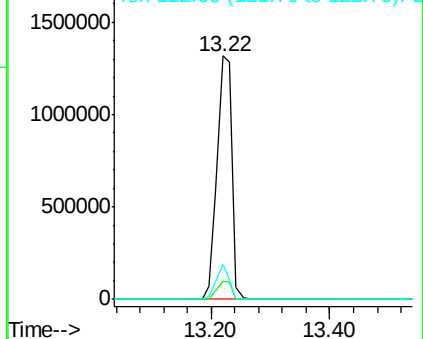
122 14.3 11.0 16.4



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: BF083378.D

Acq: 1 Dec 2015 17:55

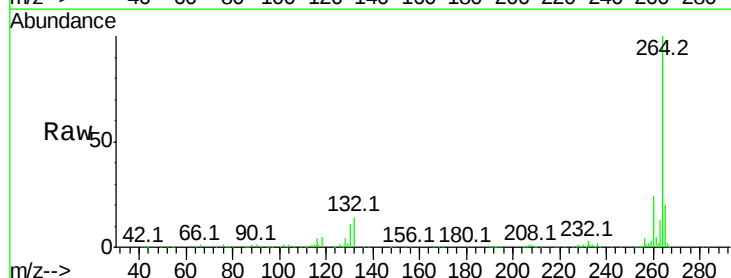
Tgt Ion:264 Resp: 476309

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 20.5 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

