

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110415\
 Data File : BF082691.D
 Acq On : 4 Nov 2015 8:42
 Operator : UM/IZ
 Sample : G4241-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(14-16)

Quant Time: Nov 04 12:03:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

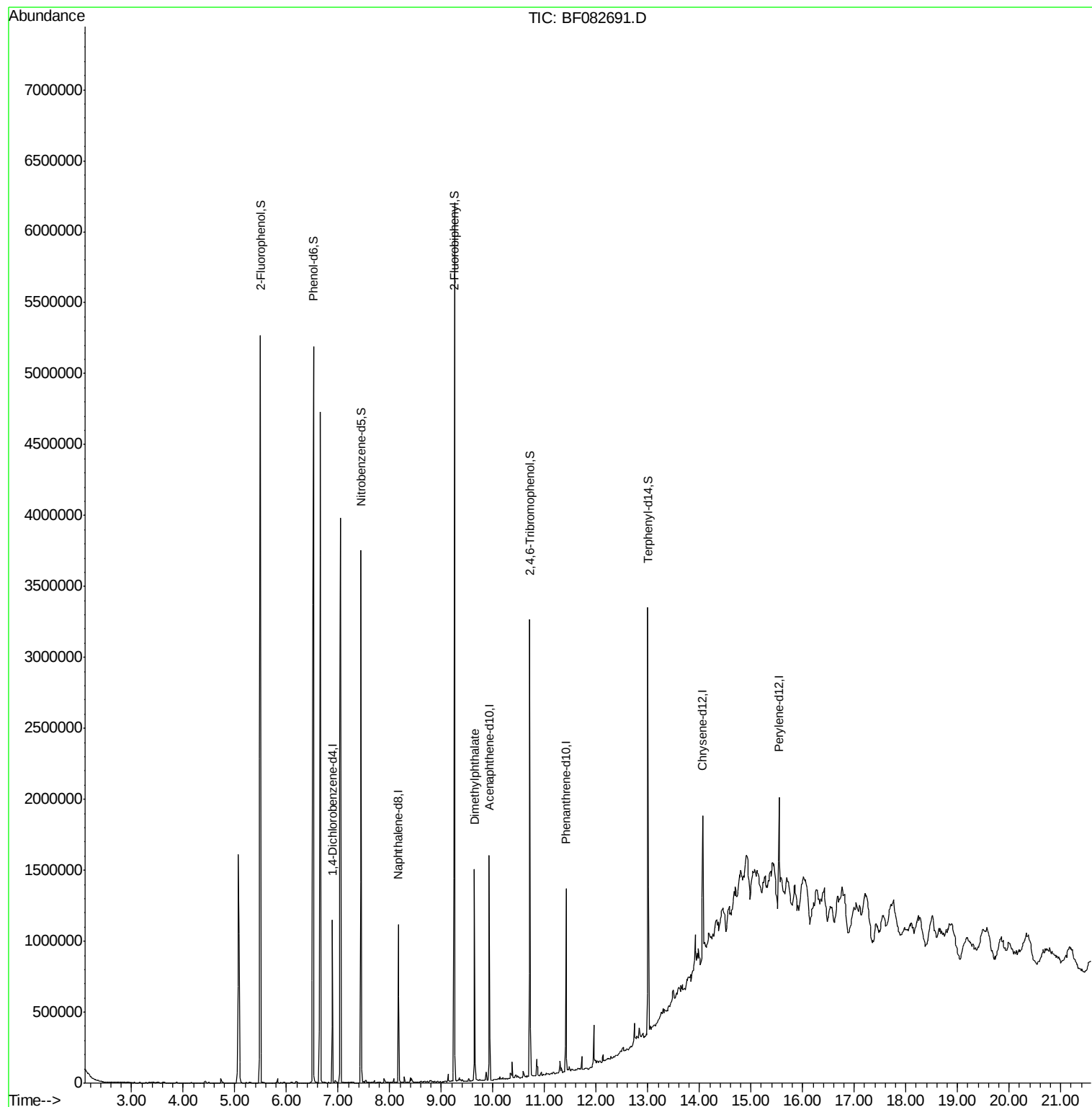
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170864	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	560546	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	286818	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	423083	20.00	ng	0.00
75) Chrysene-d12	14.07	240	377421	20.00	ng	0.01
86) Perylene-d12	15.54	264	350786	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1375184	121.22	ng	0.02
7) Phenol-d6	6.52	99	2127646	141.17	ng	0.01
23) Nitrobenzene-d5	7.45	82	1277280	93.05	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	308596	98.31	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1681008	83.21	ng	0.00
78) Terphenyl-d14	13.00	244	945876	54.85	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	494940	21.13	ng	99

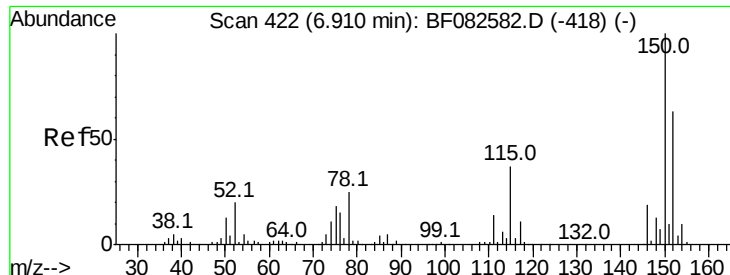
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

Instrument :

BNA_F

ClientSampleId :

SB-02(14-16)

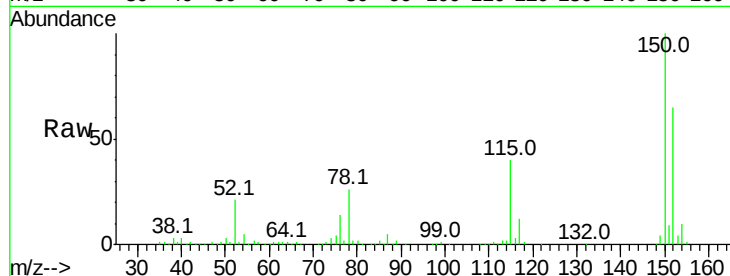
Tot Ion:152 Resp: 170864

Ion Ratio Lower Upper

152 100

150 154.4 127.0 190.4

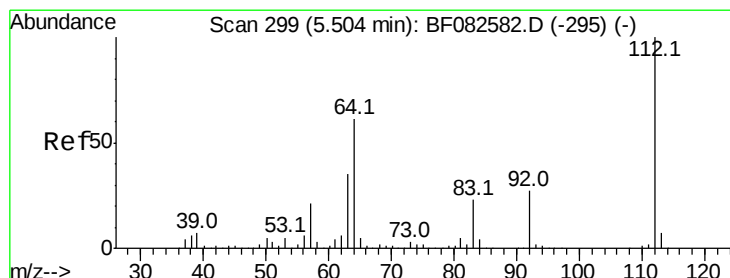
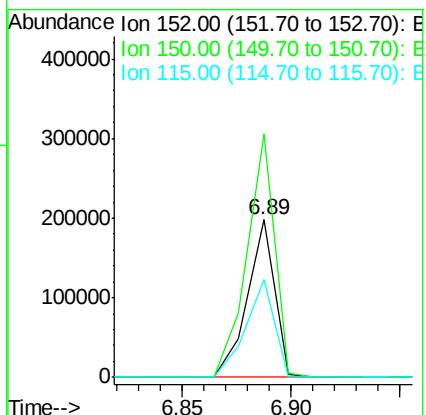
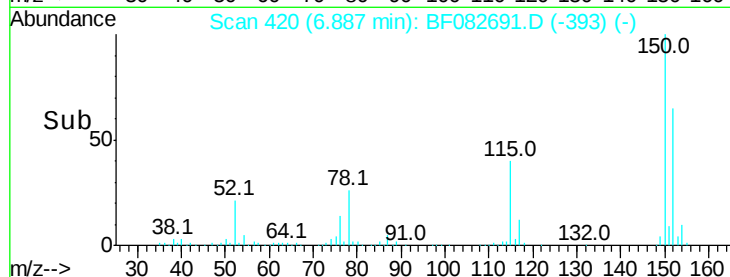
115 61.6 47.0 70.6



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: 121.22 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.02 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

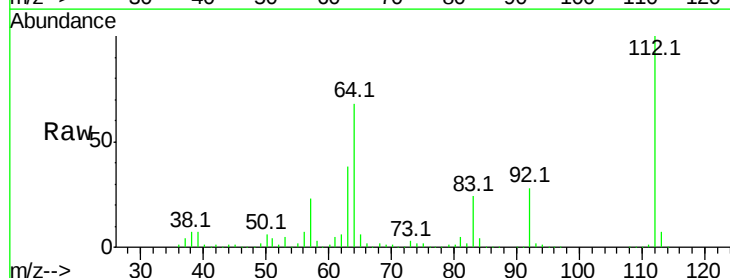
Tgt Ion:112 Resp: 1375184

Ion Ratio Lower Upper

112 100

64 68.3 48.9 73.3

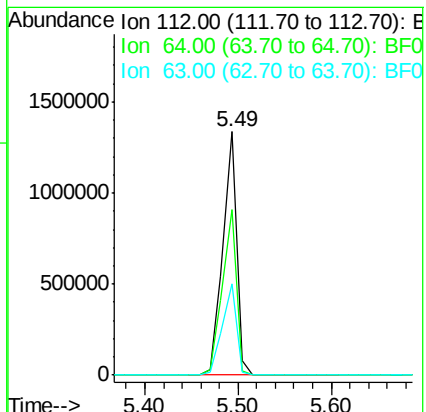
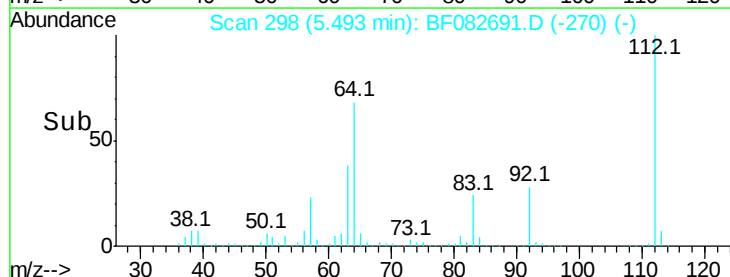
63 37.6 28.1 42.1

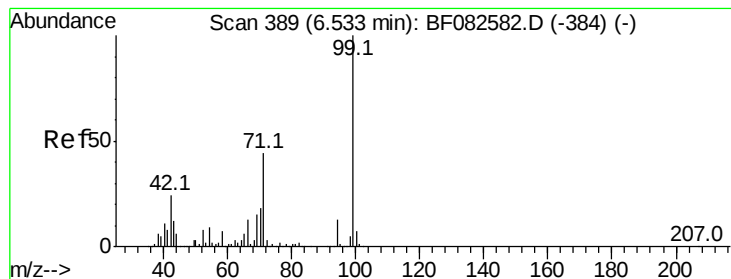


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.17 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

Instrument :

BNA_F

ClientSampleId :

SB-02(14-16)

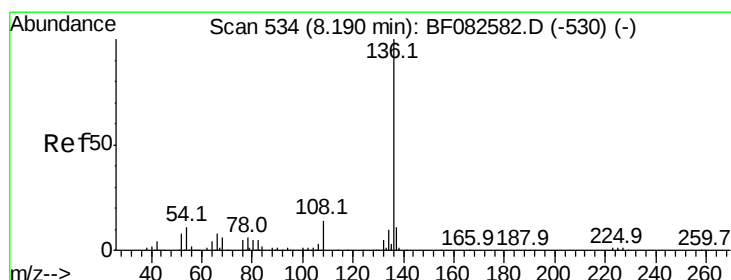
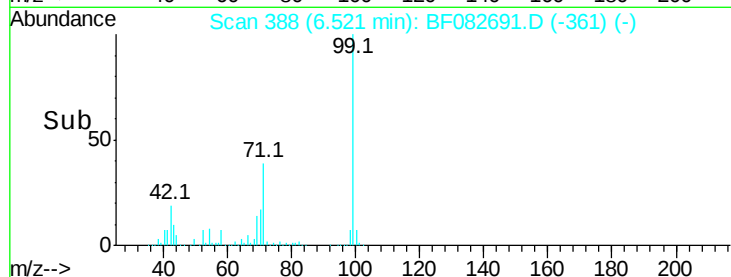
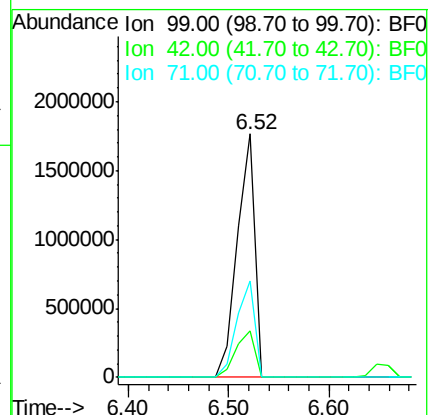
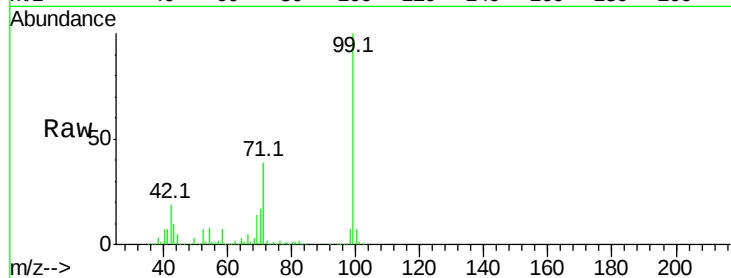
Tot Ion: 99 Resp: 2127646

Ion Ratio Lower Upper

99 100

42 19.2 19.2 28.8

71 39.4 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

Tgt Ion: 136 Resp: 560546

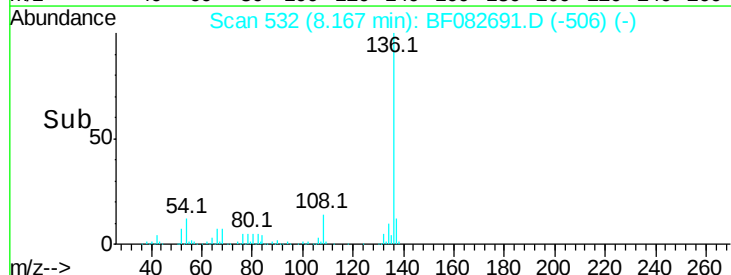
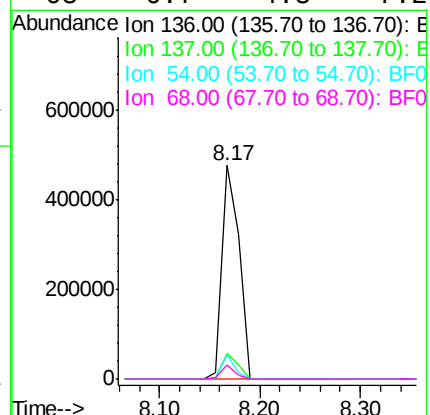
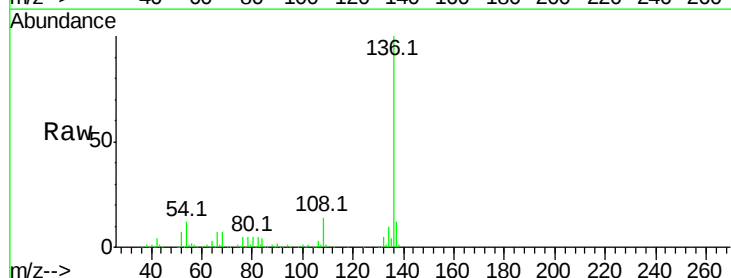
Ion Ratio Lower Upper

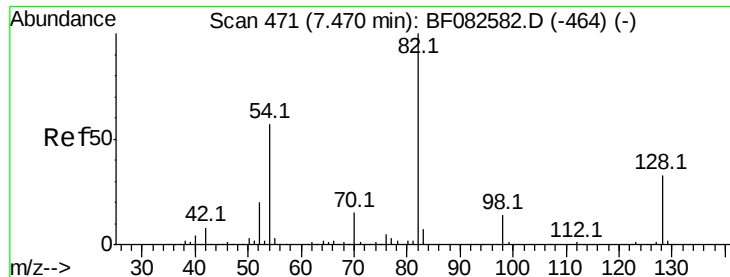
136 100

137 11.7 9.1 13.7

54 11.7 9.1 13.7

68 6.7 4.8 7.2

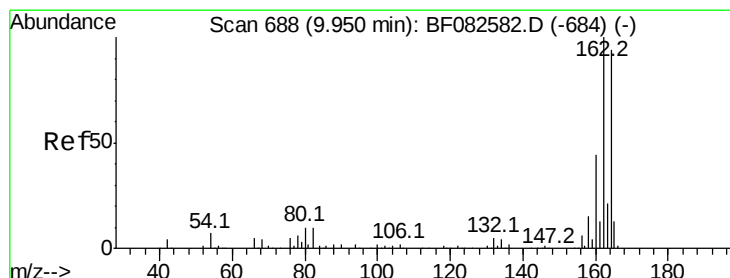
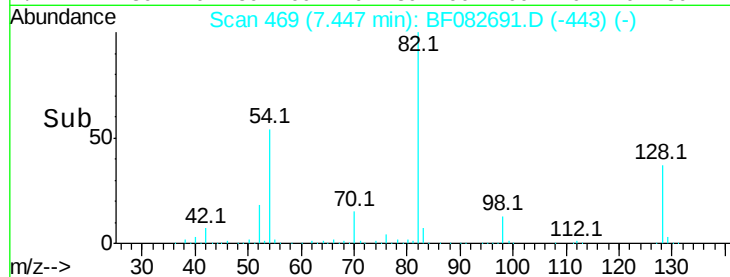
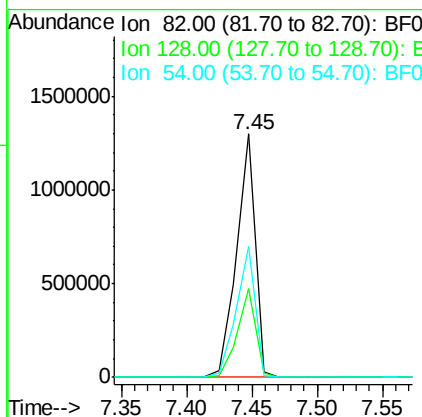
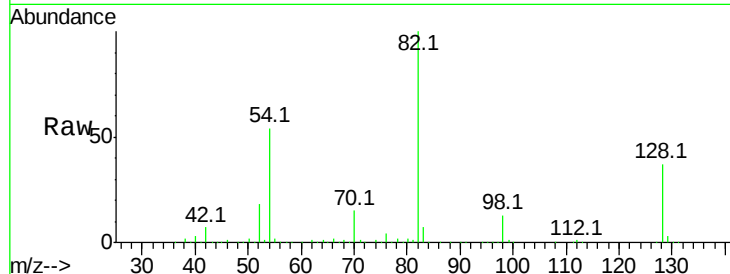




#23
Nitrobenzene-d5
Concen: 93.05 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

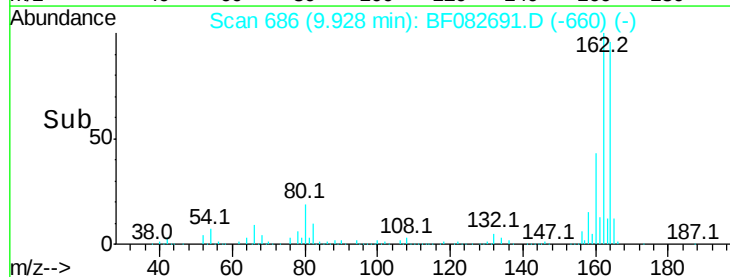
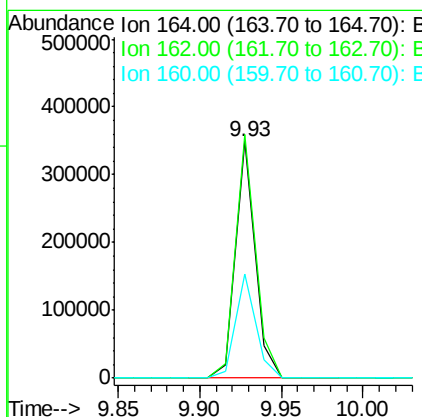
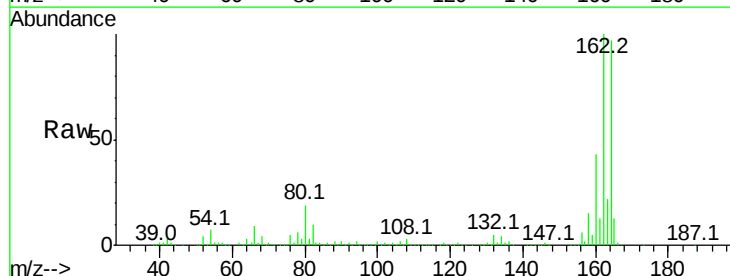
Instrument :
BNA_F
ClientSampleId :
SB-02(14-16)

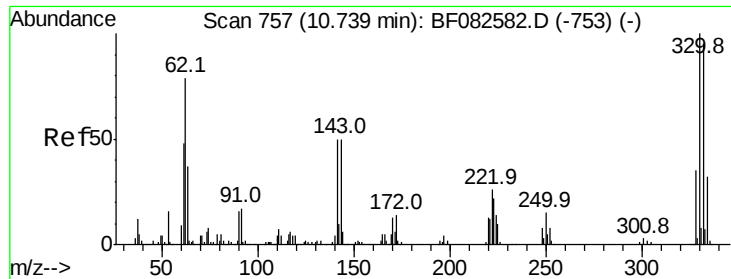
Tot Ion: 82 Resp: 1277280
Ion Ratio Lower Upper
82 100
128 36.6 26.8 40.2
54 53.7 45.7 68.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

Tgt Ion:164 Resp: 286818
Ion Ratio Lower Upper
164 100
162 102.8 84.9 127.3
160 44.2 37.5 56.3

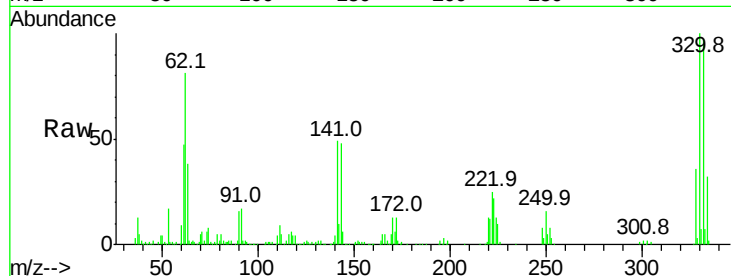




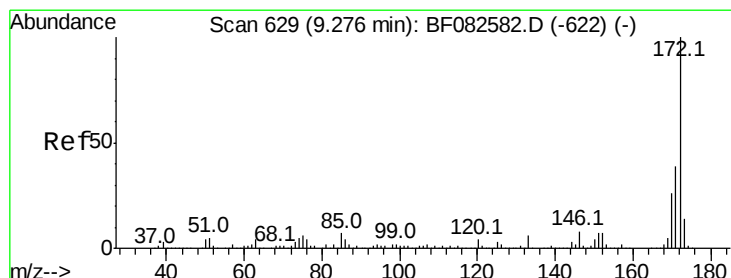
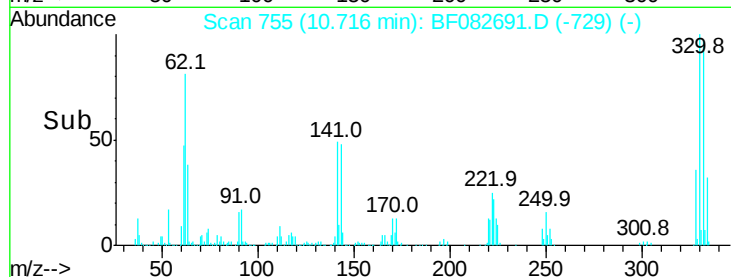
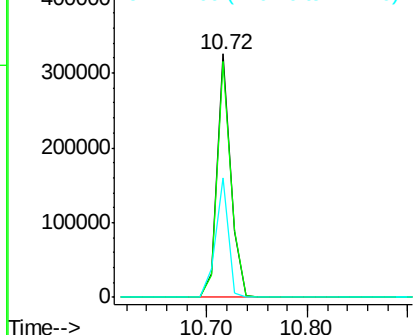
#41
 2,4,6-Tribromophenol
 Concen: 98.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(14-16)

Tot Ion:330 Resp: 308596
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 45.7 41.2 61.8

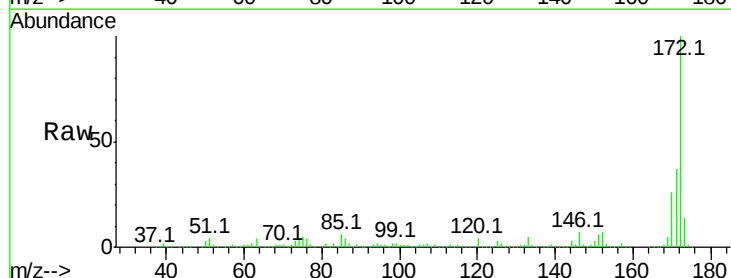


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

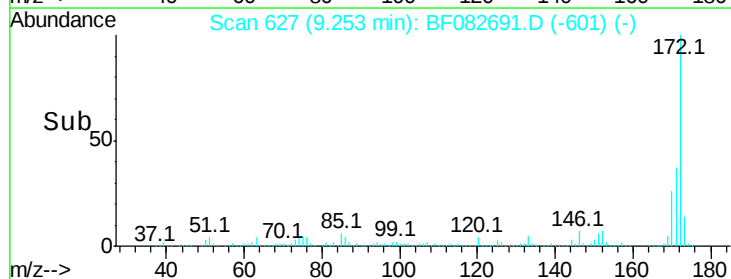
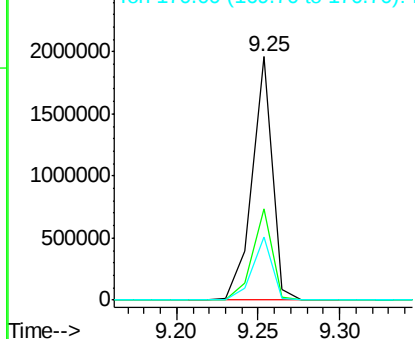


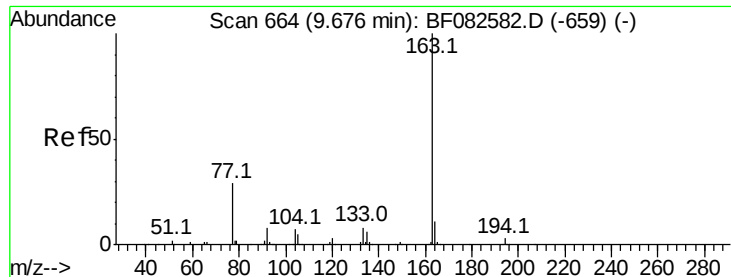
#44
 2-Fluorobiphenyl
 Concen: 83.21 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

Tgt Ion:172 Resp: 1681008
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.7 21.2 31.8



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

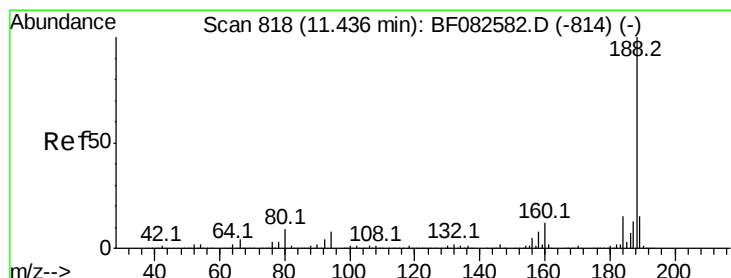
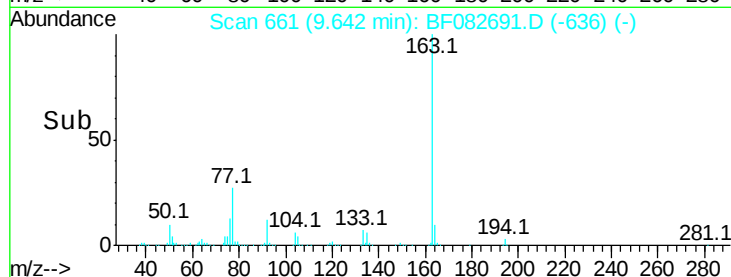
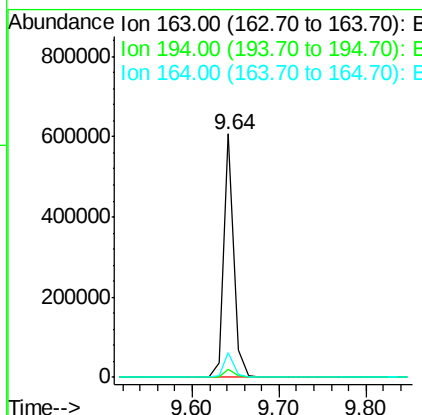
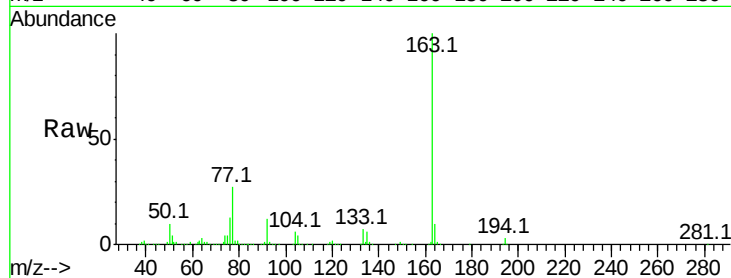




#49
Dimethylphthalate
Concen: 21.13 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

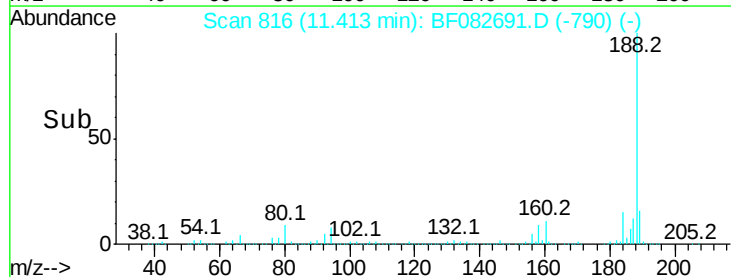
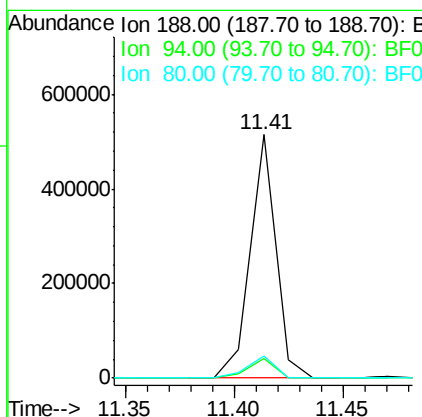
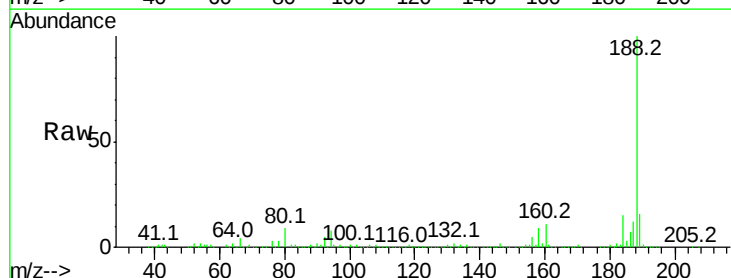
Instrument :
BNA_F
ClientSampleId :
SB-02(14-16)

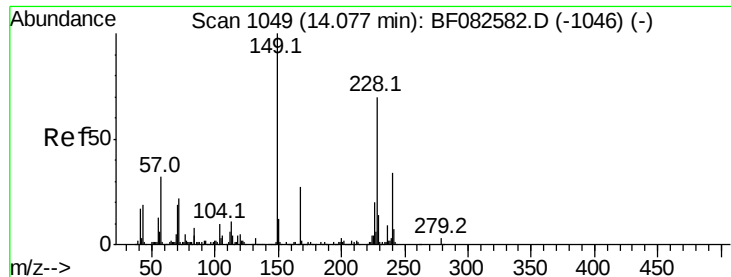
Tot Ion:163 Resp: 494940
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.2 8.7 13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

Tgt Ion:188 Resp: 423083
Ion Ratio Lower Upper
188 100
94 7.9 6.1 9.1
80 9.1 7.0 10.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

Instrument :

BNA_F

ClientSampleId :

SB-02(14-16)

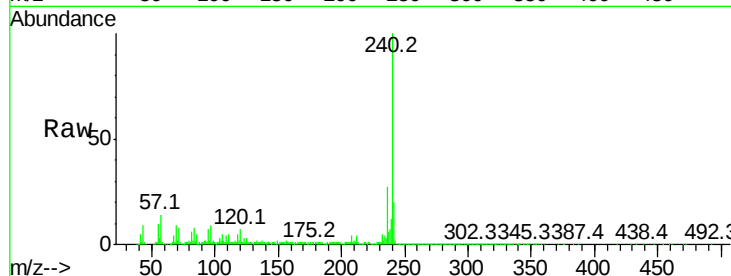
Tot Ion:240 Resp: 377421

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

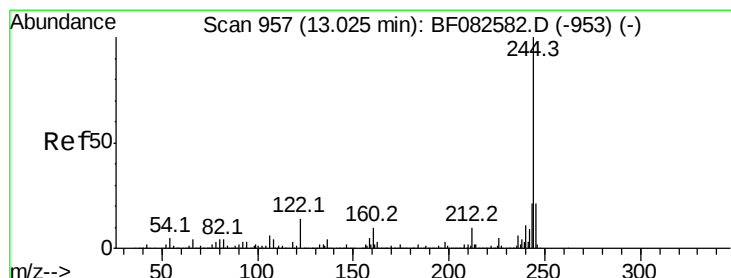
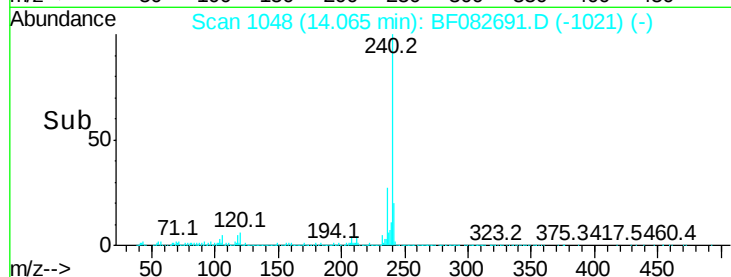
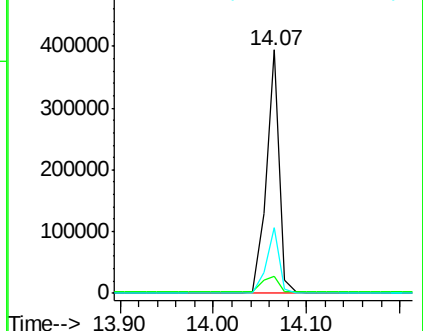
236 27.0 21.6 32.4



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: 54.85 ng

RT: 13.00 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

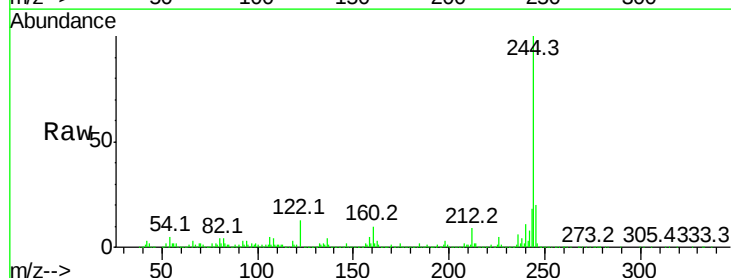
Tgt Ion:244 Resp: 945876

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

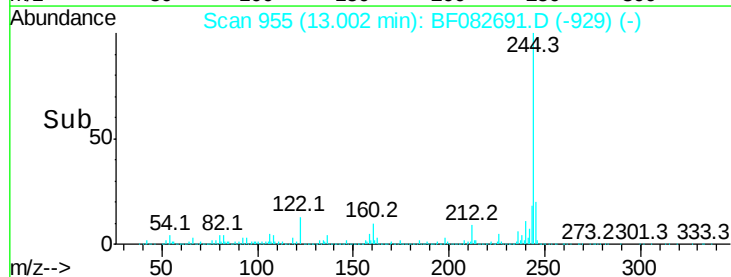
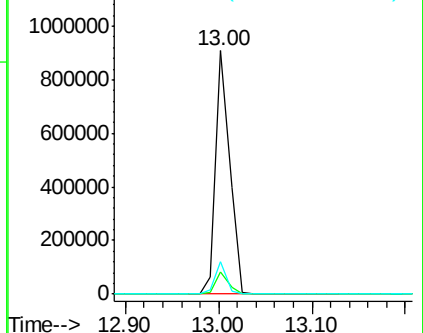
122 13.2 11.3 16.9

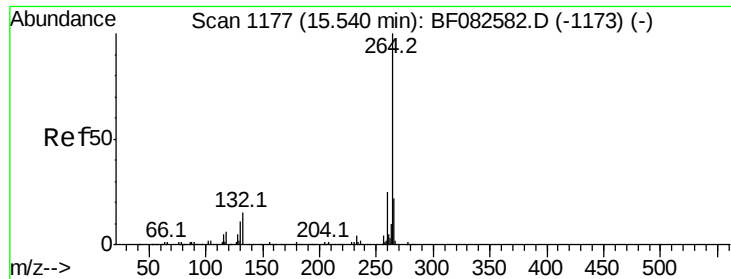


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

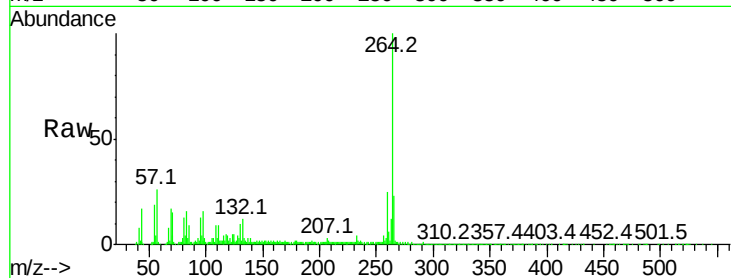




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.03 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

Instrument :
BNA_F
ClientSampleId :
SB-02(14-16)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	22.8	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

