

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 12:02:29 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

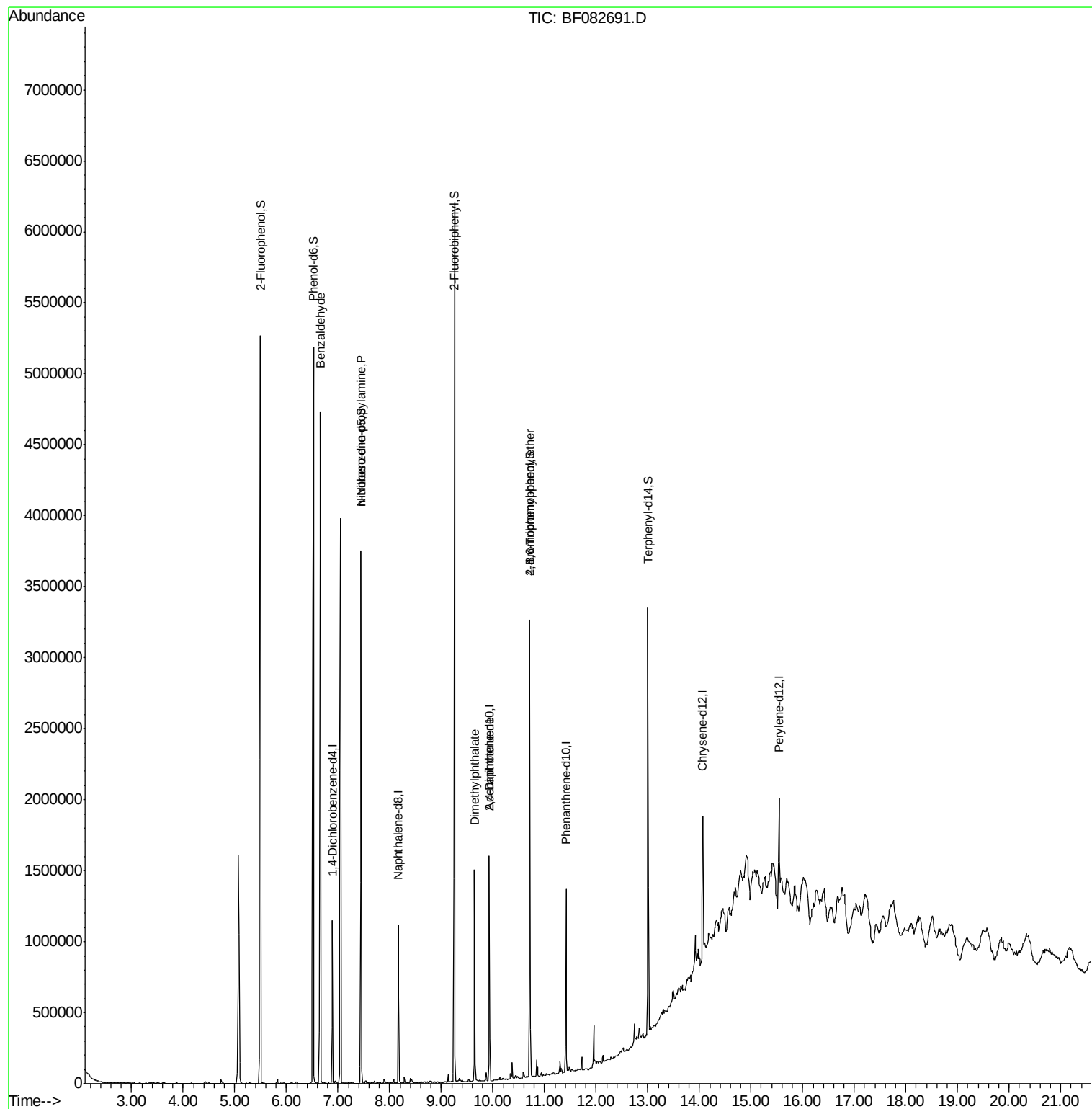
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170864	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	560546	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	286818	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	423083	20.00	ng	0.00
75) Chrysene-d12	14.07	240	377421	20.00	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						
9) Benzaldehyde	6.66	77	43521	4.23	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.45	70	184645	16.16	ng	# 69
49) Dimethylphthalate	9.64	163	494940	21.13	ng	99
56) 2,4-Dinitrotoluene	9.93	165	37167	5.66	ng	# 16
66) 4-Bromophenyl-phenylether	10.72	248	22793	4.75	ng	# 1

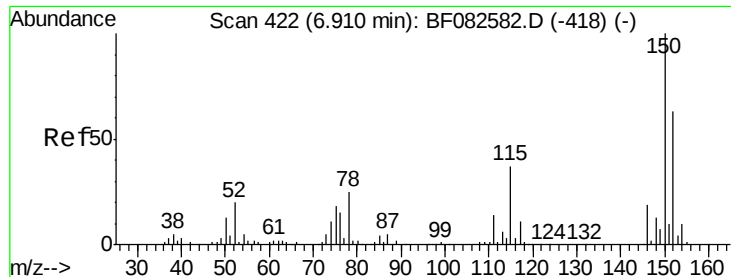
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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)

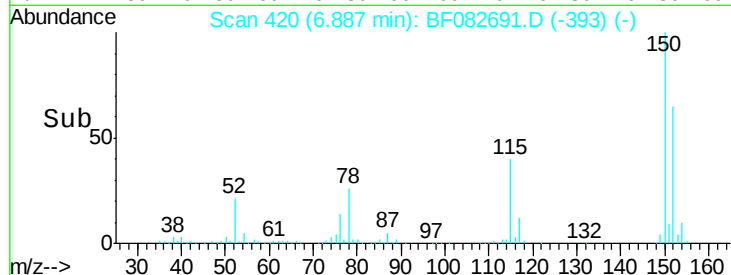
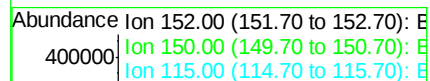
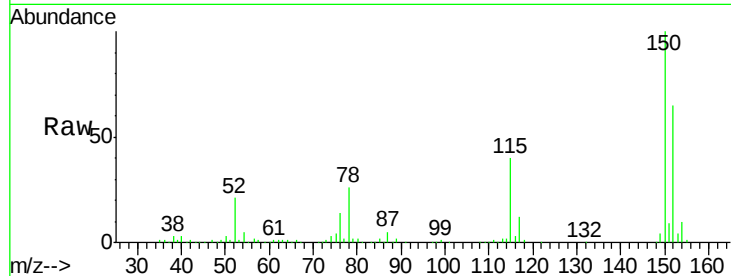
Tot Ion:152 Resp: 170864

Ion Ratio Lower Upper

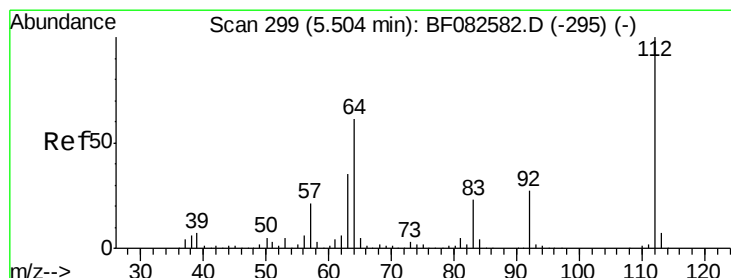
152 100

150 154.4 127.0 190.4

115 61.6 47.0 70.6



Time-->



#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

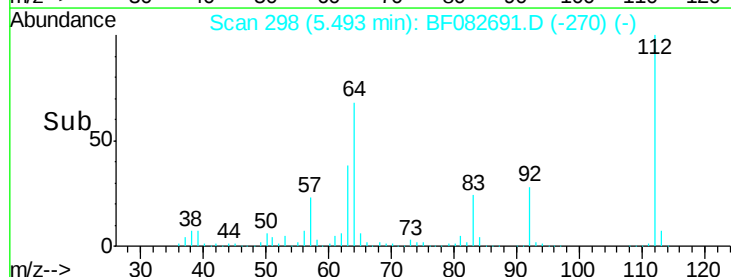
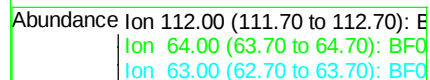
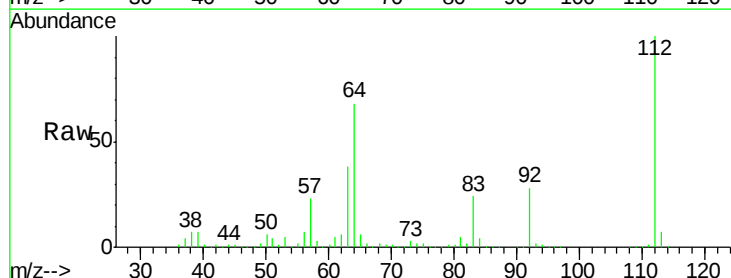
Tgt Ion:112 Resp: 1375184

Ion Ratio Lower Upper

112 100

64 68.3 48.9 73.3

63 37.6 28.1 42.1



Time-->



#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)

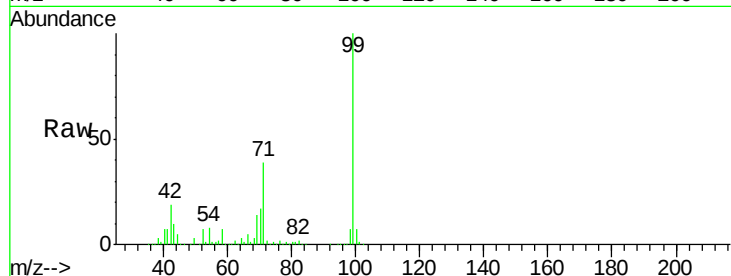
Tot Ion: 99 Resp: 2127646

Ion Ratio Lower Upper

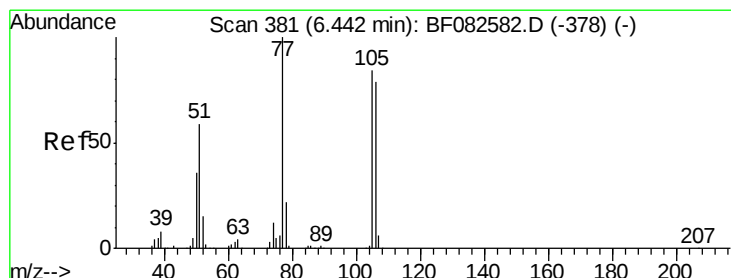
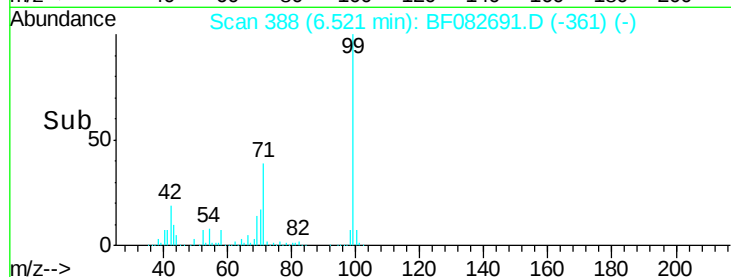
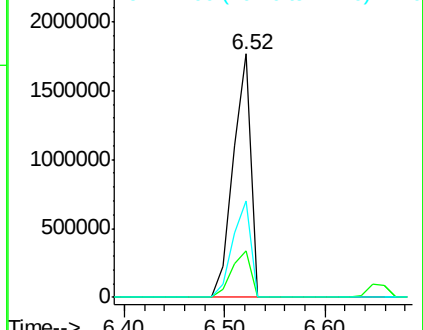
99 100

42 19.2 19.2 28.8

71 39.4 35.0 52.4



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



#9

Benzaldehyde

Concen: 4.23 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.24 min

Lab File: BF082691.D

Acq: 4 Nov 2015 8:42

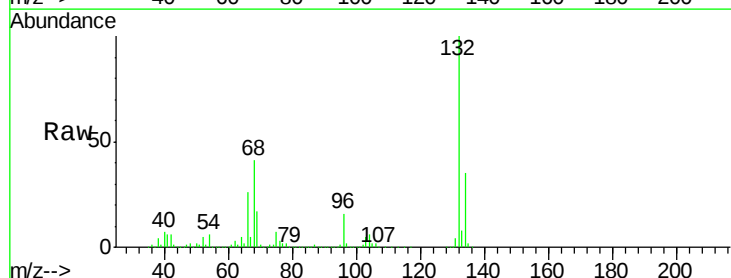
Tgt Ion: 77 Resp: 43521

Ion Ratio Lower Upper

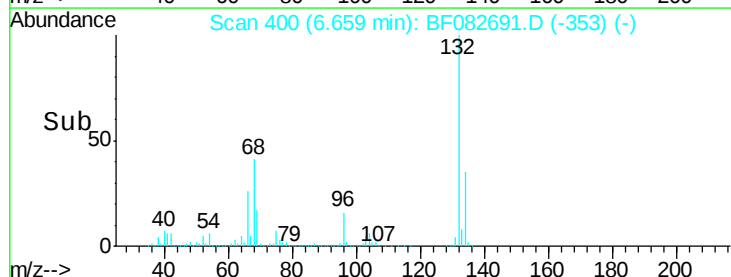
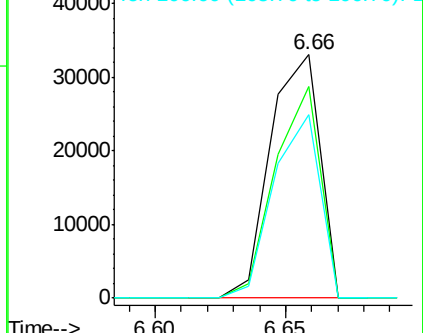
77 100

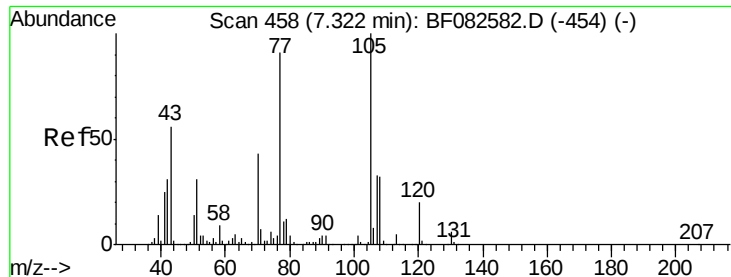
105 87.1 63.5 103.5

106 75.2 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

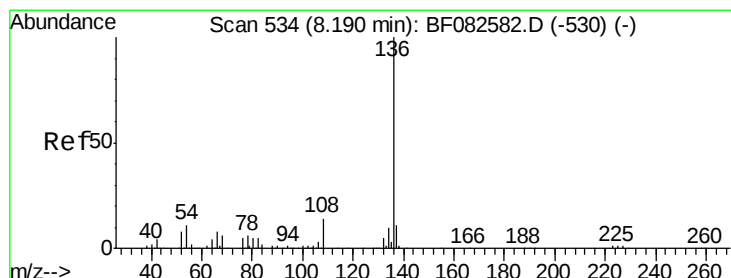
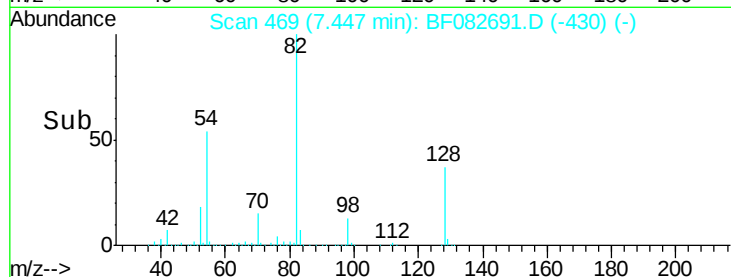
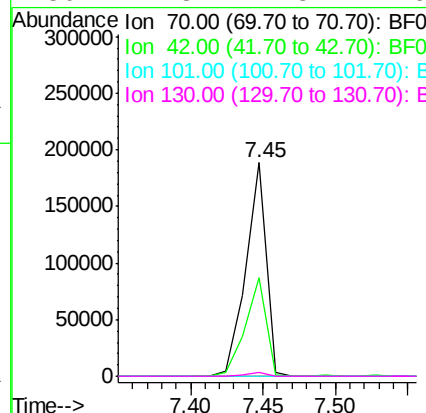
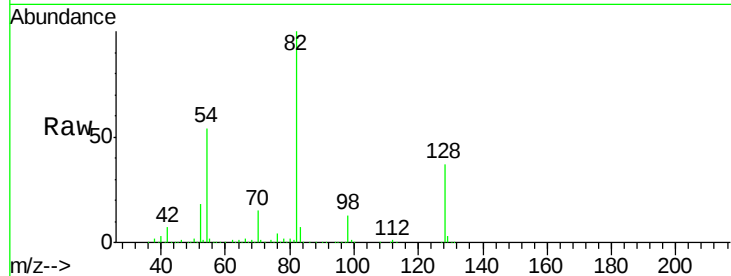




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.16 ng
 RT: 7.45 min Scan# 469
 Delta R.T. 0.15 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

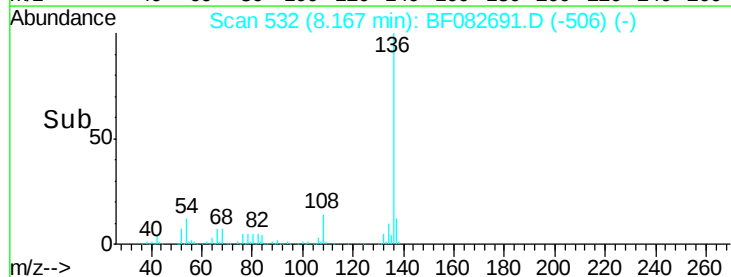
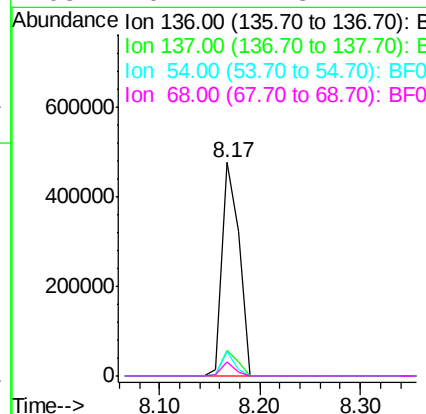
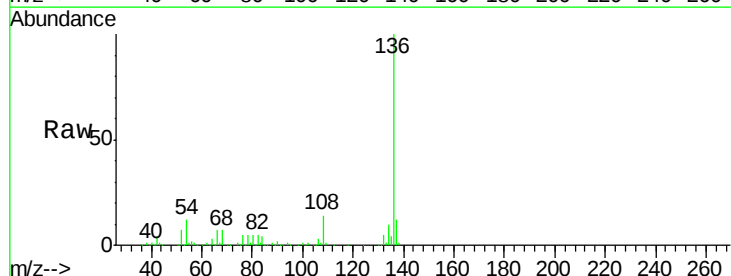
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(14-16)

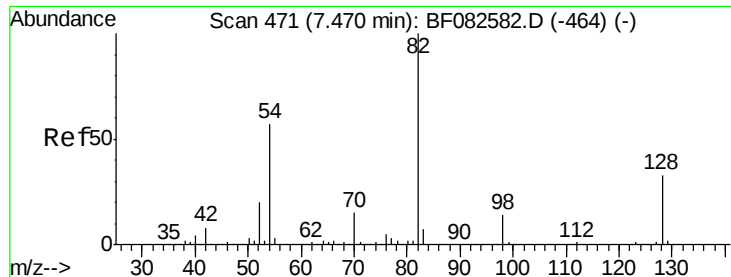
Tot Ion: 70 Resp: 184645
 Ion Ratio Lower Upper
 70 100
 42 46.2 57.7 86.5#
 101 0.0 7.0 10.6#
 130 1.8 11.8 17.6#



#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

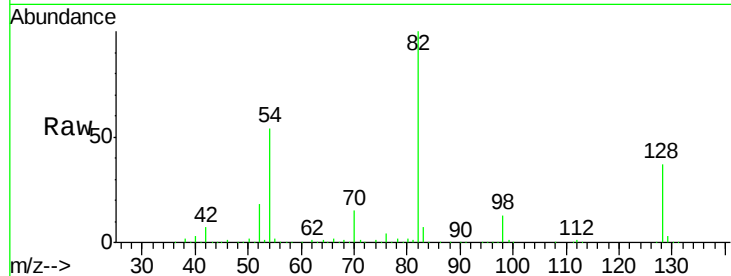




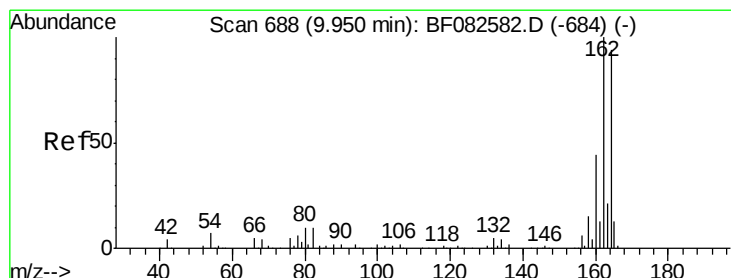
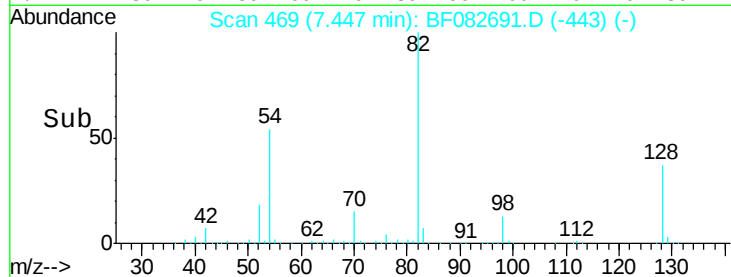
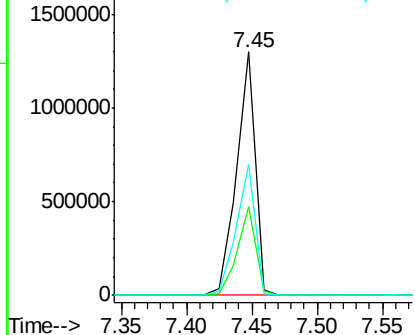
#23
 Nitrobenzene-d5
 Concen: 93.05 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

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

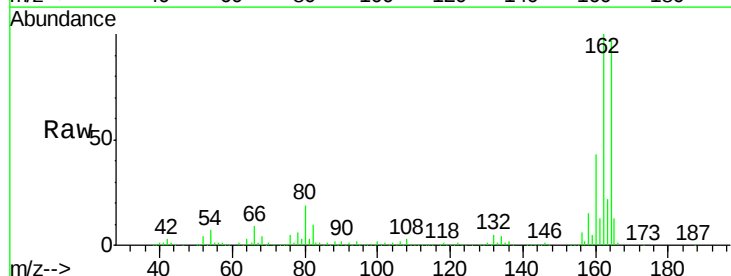


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

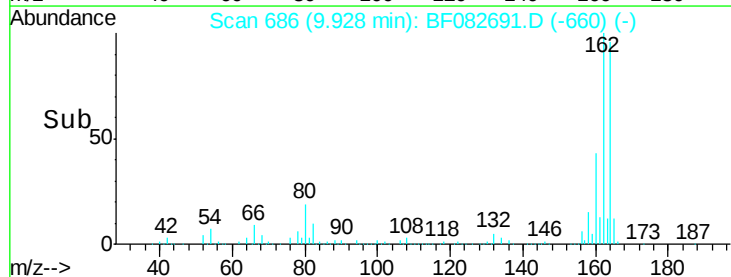
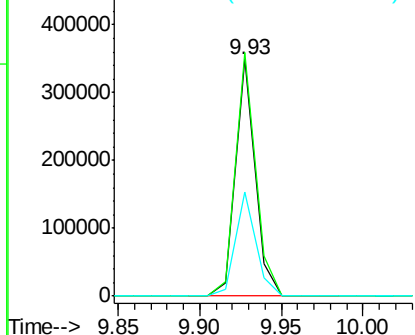


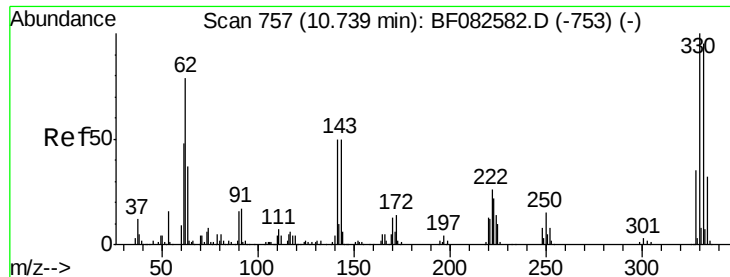
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

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



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

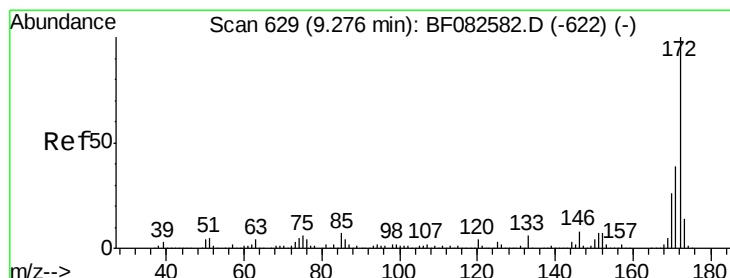
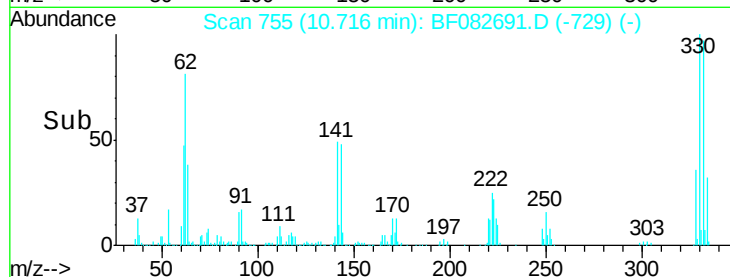
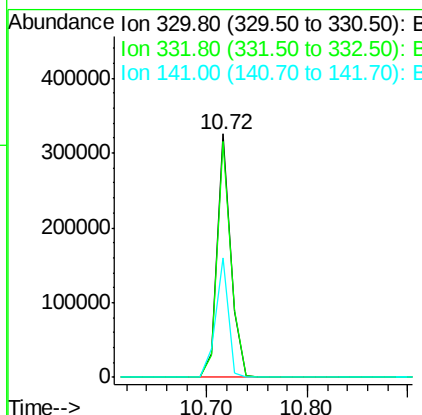
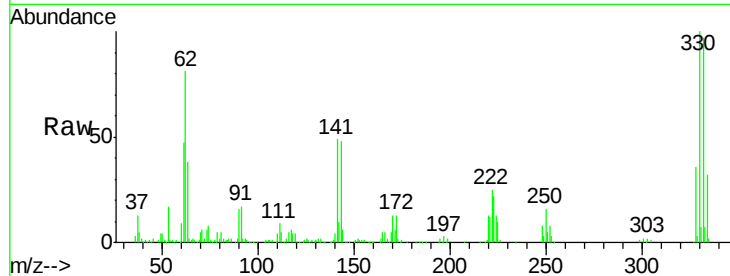




#41
 2,4,6-Tribromophenol
 Concen: 98.31 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF082691.D
 Acq: 4 Nov 2015 8:42

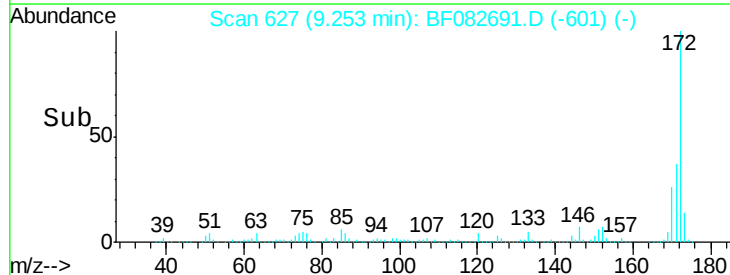
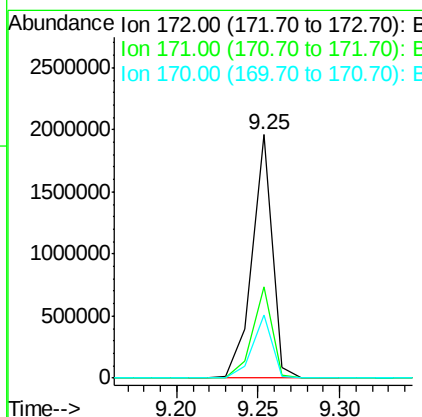
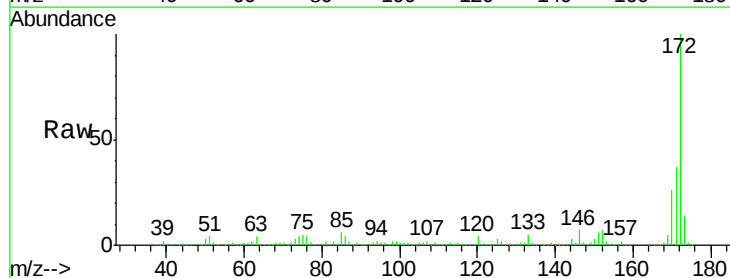
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(14-16)

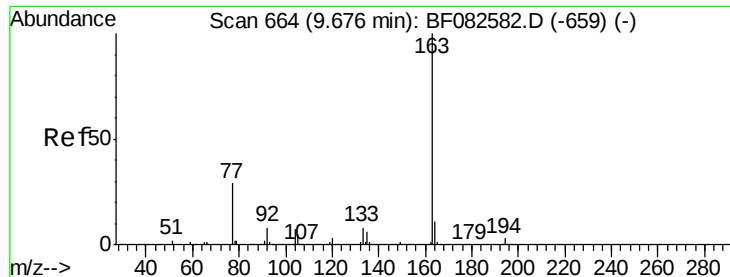
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	45.7	41.2	61.8



#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	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.7	21.2	31.8

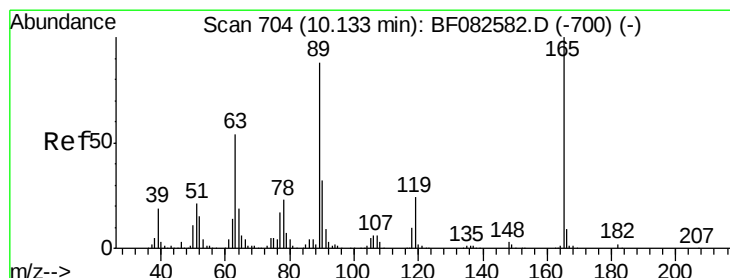
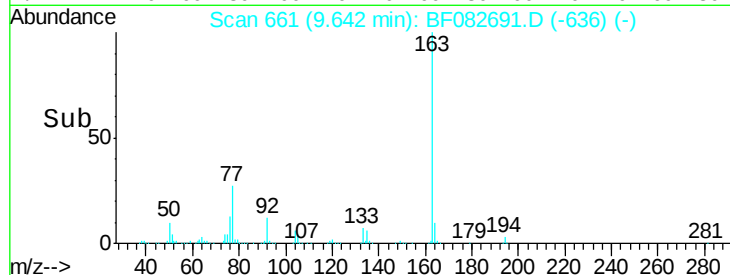
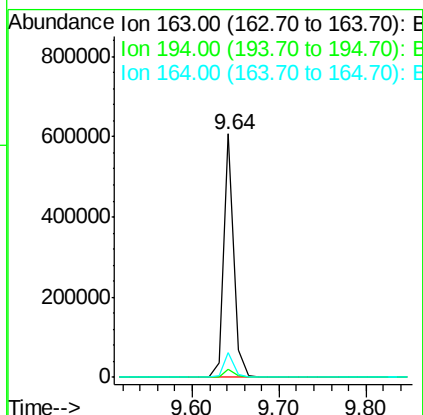
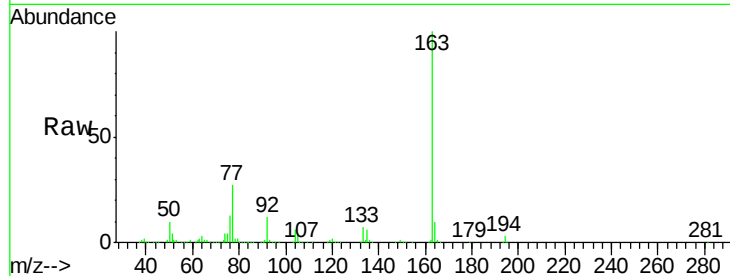




#49
Dimethylphthalate
Concen: 21.13 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

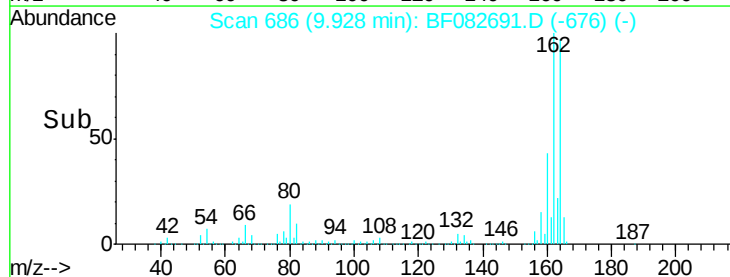
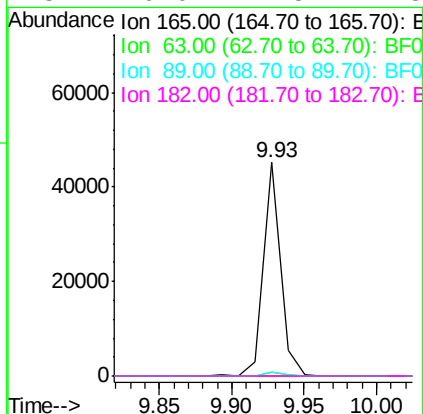
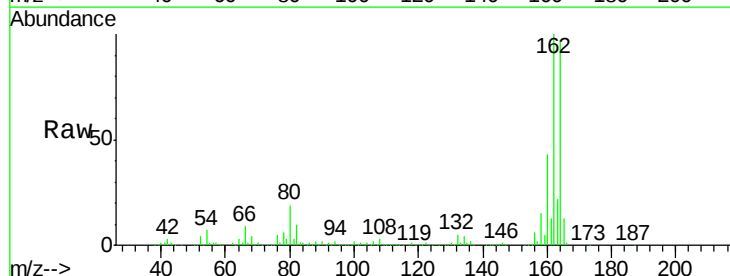
Instrument :
BNA_F
ClientSampleId :
SB-02(14-16)

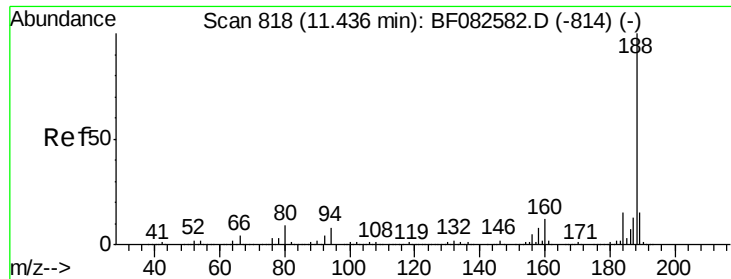
Tot Ion	163	Resp	494940
Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.2	8.7	13.1



#56
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.18 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

Tgt Ion	165	Resp	37167
Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.0#
89	1.9	70.6	106.0#
182	0.0	1.5	2.3#

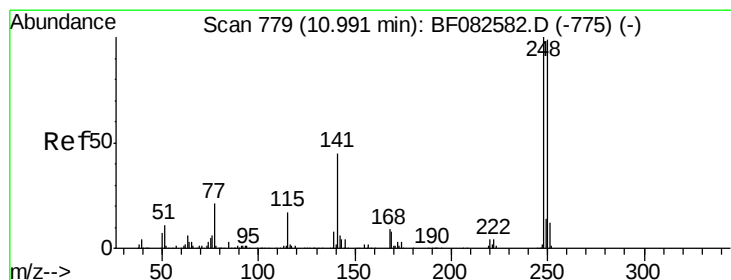
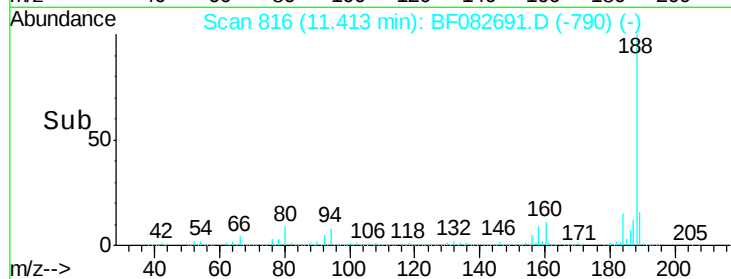
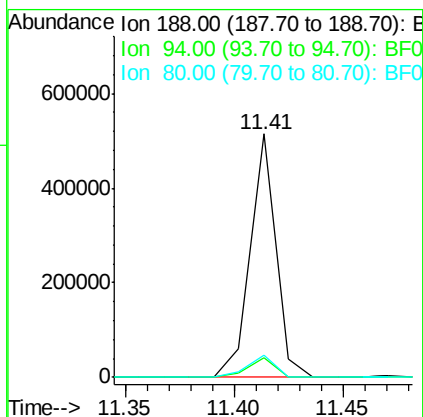
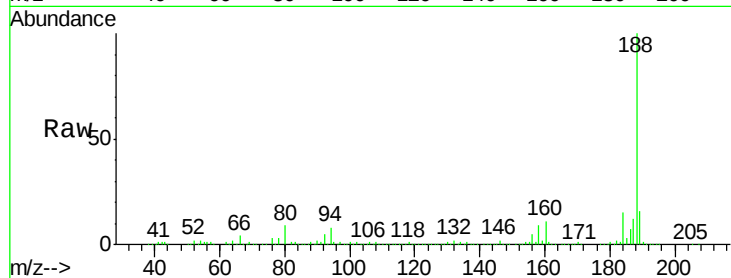




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

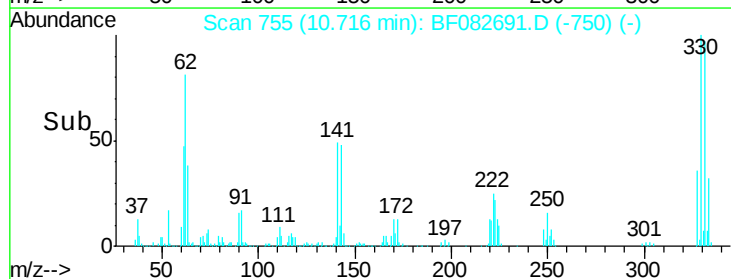
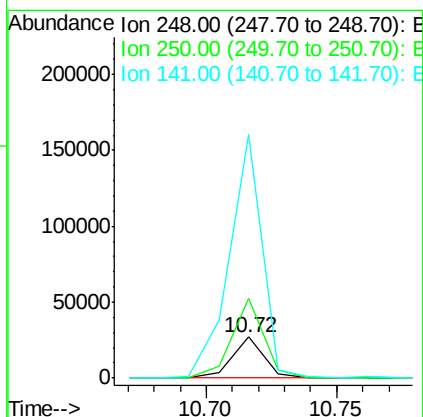
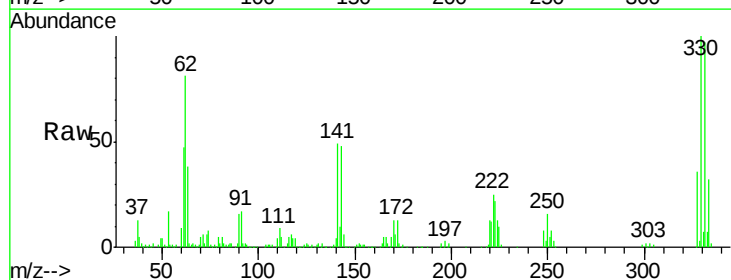
Instrument :
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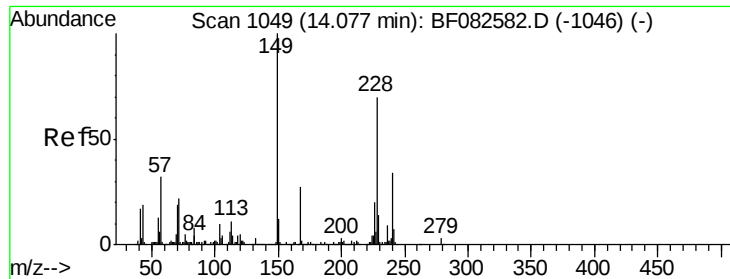
Tot Ion:188 Resp: 423083
Ion Ratio Lower Upper
188 100
94 7.9 6.1 9.1
80 9.1 7.0 10.6



#66
4-Bromophenyl-phenylether
Concen: 4.75 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

Tgt Ion:248 Resp: 22793
Ion Ratio Lower Upper
248 100
250 195.7 79.4 119.2#
141 594.7 36.3 54.5#





#75

Chrvsene-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

ClientSampled :

SB-02(14-16)

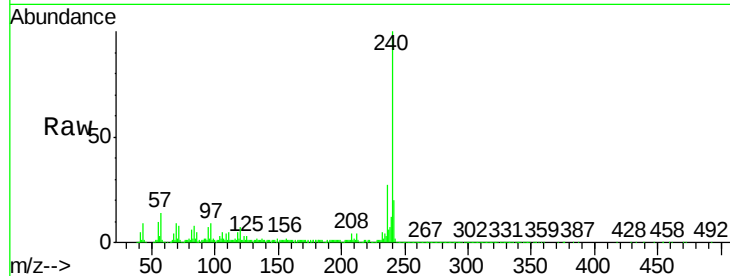
Tot Ion:240 Resp: 377421

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

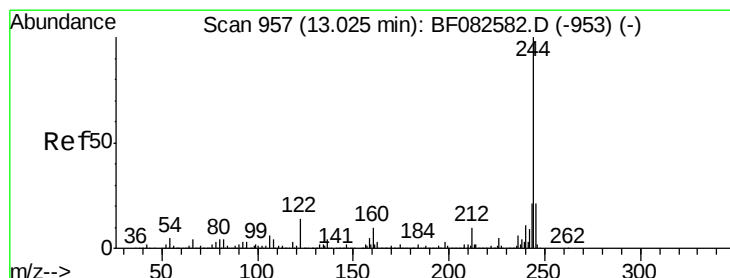
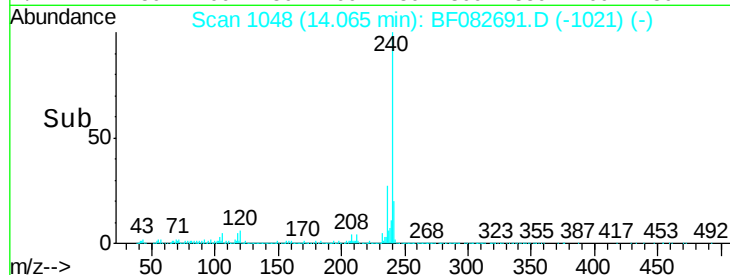
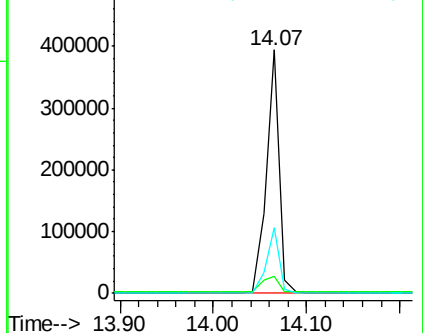
236 27.0 21.6 32.4



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

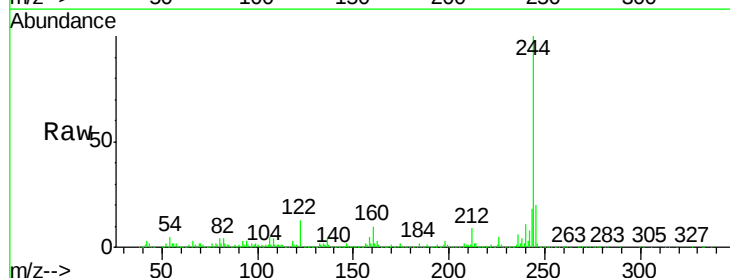
Tgt Ion:244 Resp: 945876

Ion Ratio Lower Upper

244 100

212 9.1 7.6 11.4

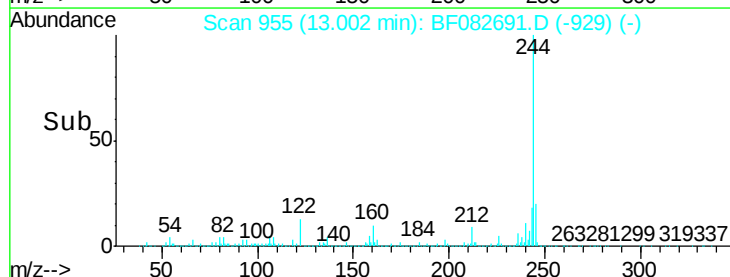
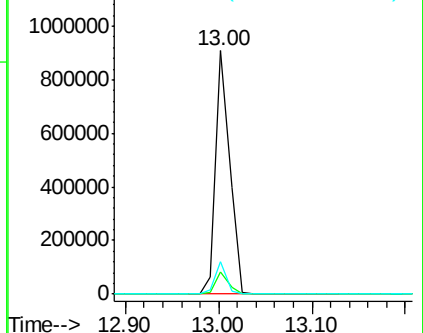
122 13.2 11.3 16.9

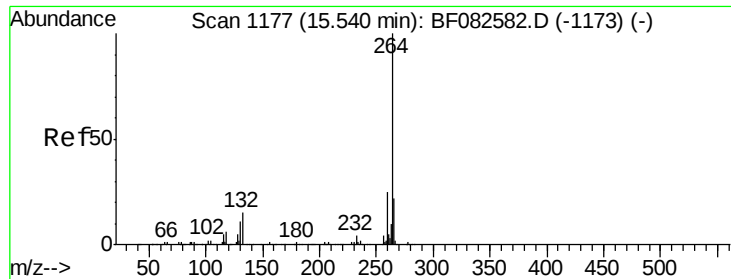


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

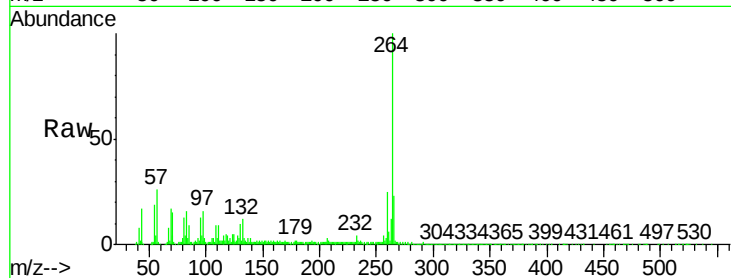




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.03 min
Lab File: BF082691.D
Acq: 4 Nov 2015 8:42

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

