

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082540.D
 Acq On : 27 Oct 2015 9:26
 Operator : UM/IZ
 Sample : G4119-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Quant Time: Oct 27 12:06:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

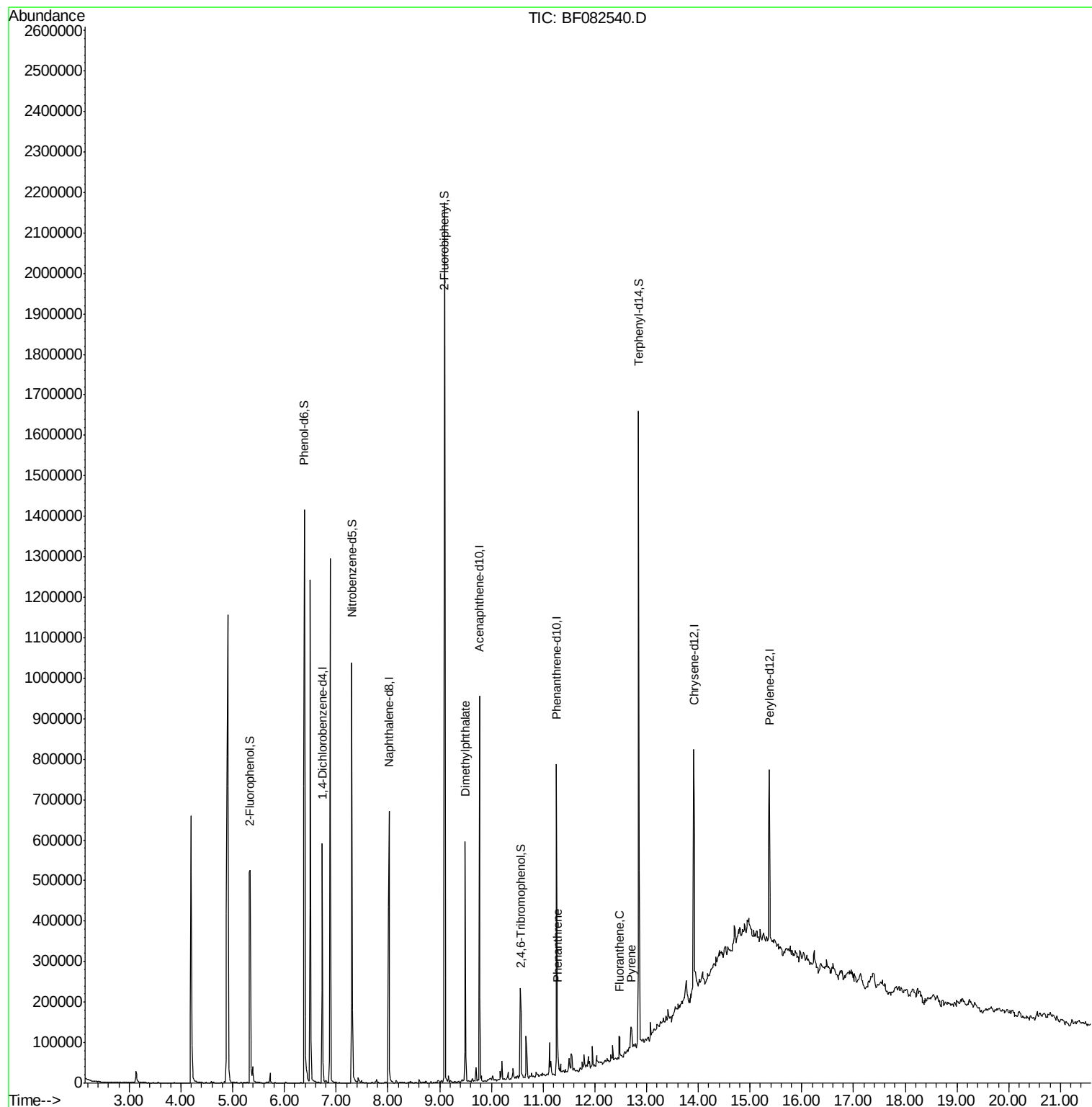
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108462	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	410931	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	191154	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	309118	20.00	ng	0.00
75) Chrysene-d12	13.91	240	276684	20.00	ng	0.00
86) Perylene-d12	15.37	264	204725	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	245000	44.59	ng	0.02
7) Phenol-d6	6.39	99	607845	84.88	ng	0.01
23) Nitrobenzene-d5	7.30	82	362985	56.99	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	30998	21.66	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	697369	58.01	ng	0.00
78) Terphenyl-d14	12.85	244	511733	53.28	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	232380	17.47	ng	100
70) Phenanthrene	11.28	178	44017	2.77	ng	98
74) Fluoranthene	12.48	202	35523	2.18	ng	95
77) Pyrene	12.70	202	35172	2.07	ng	96

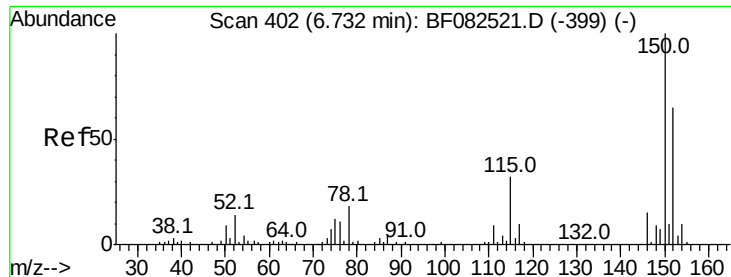
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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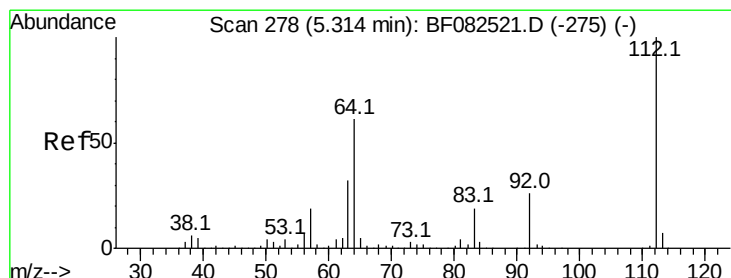
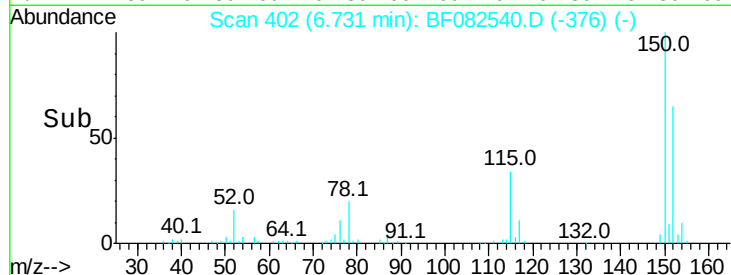
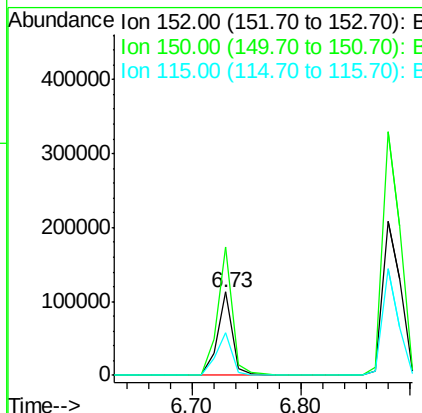
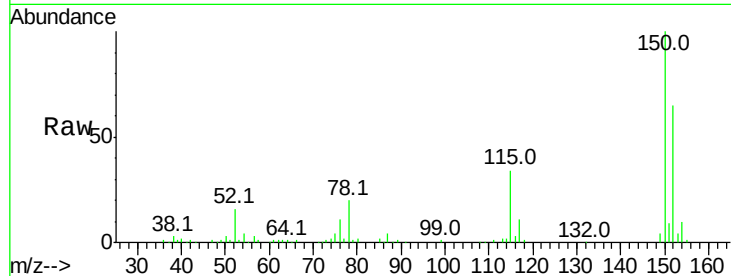


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

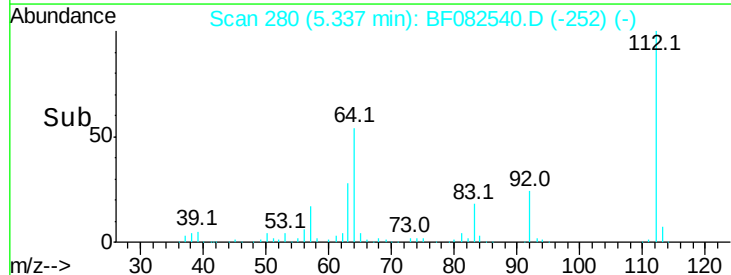
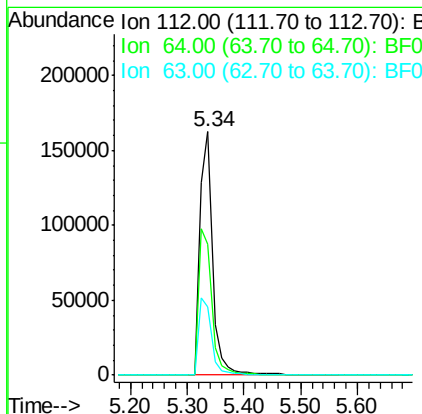
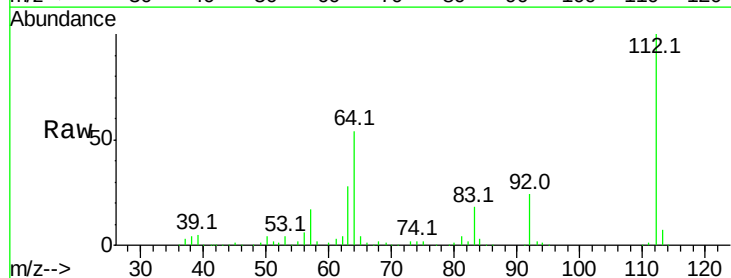
Tot Ion:152 Resp: 108462
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.4 185.0
 115 51.8 39.0 58.4

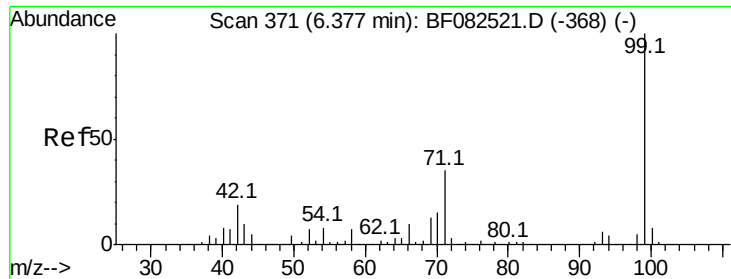


#5

2-Fluorophenol
 Concen: 44.59 ng
 RT: 5.34 min Scan# 280
 Delta R.T. 0.02 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

Tgt Ion:112 Resp: 245000
 Ion Ratio Lower Upper
 112 100
 64 54.0 49.0 73.4
 63 28.1 25.8 38.6





#7

Phenol-d6

Concen: 84.88 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Instrument :

BNA_F

ClientSampled :

SB15-08-10-10.5

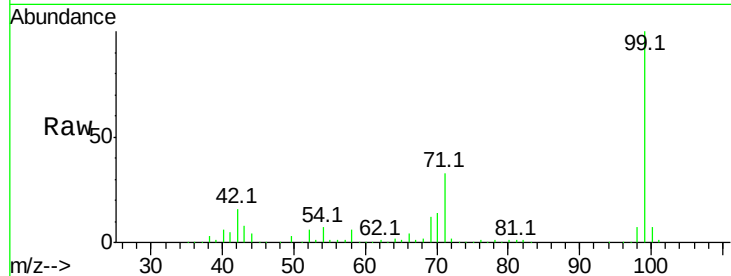
Tot Ion: 99 Resp: 607845

Ion Ratio Lower Upper

99 100

42 15.9 15.1 22.7

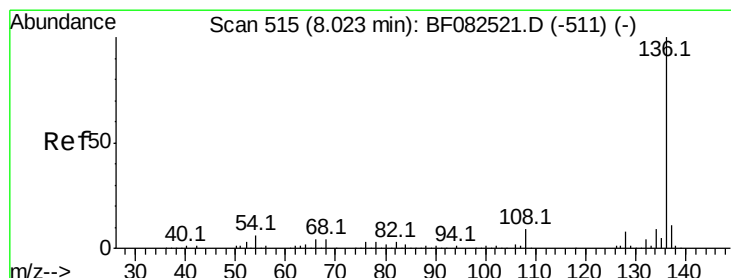
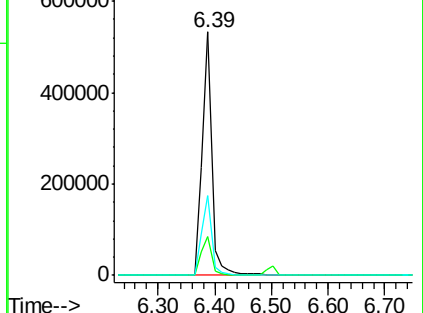
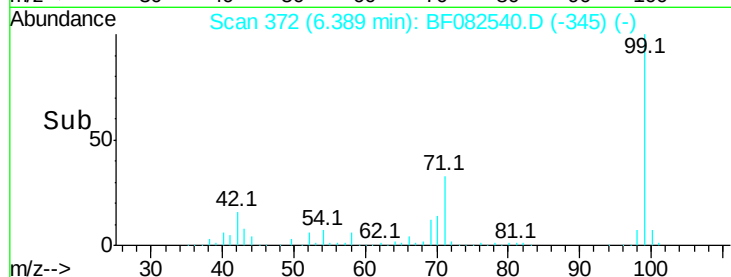
71 33.0 28.2 42.2



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: 8.02 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Tgt Ion: 136 Resp: 410931

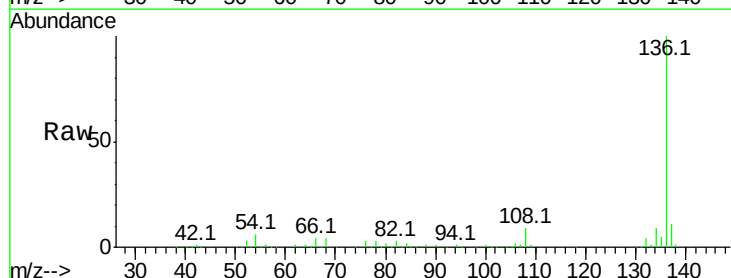
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 6.0 4.6 7.0

68 4.0 3.2 4.8

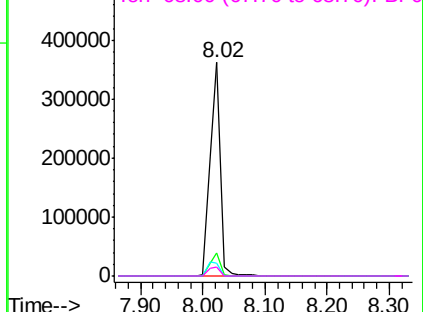
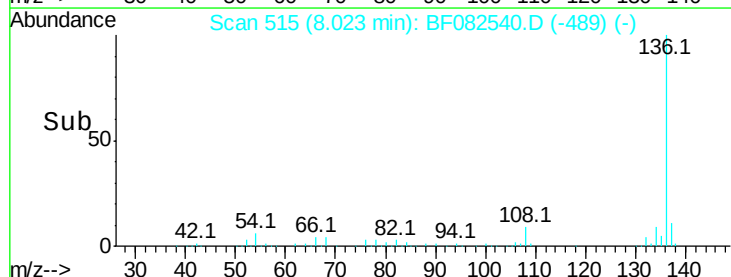


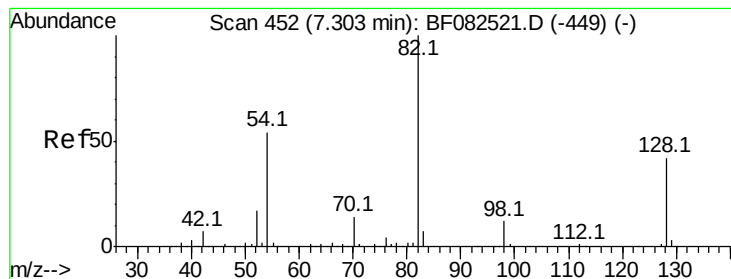
Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.99 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

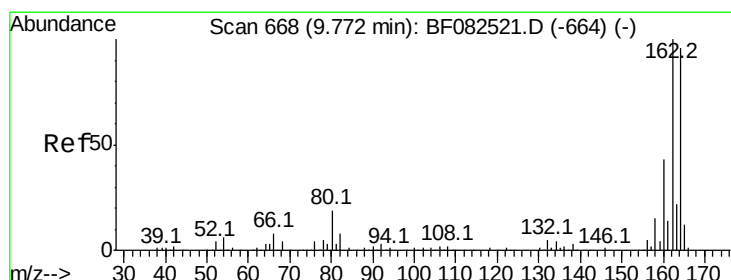
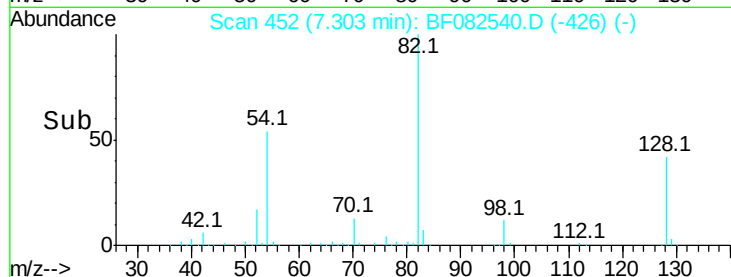
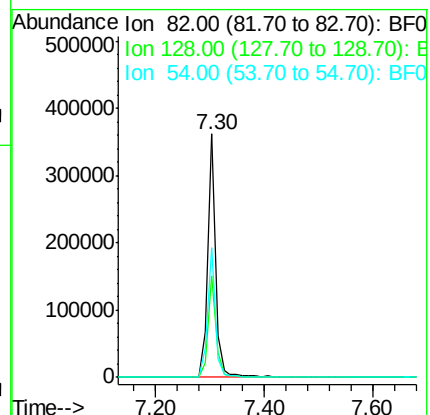
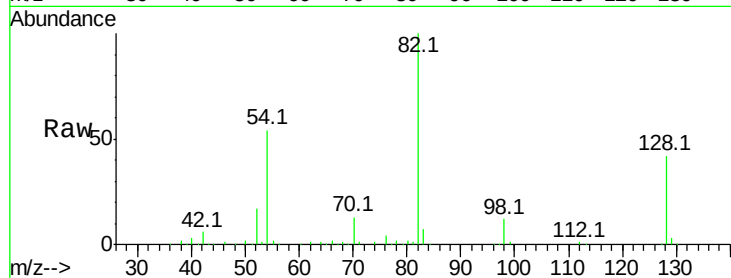
Tot Ion: 82 Resp: 362985

Ion Ratio Lower Upper

82 100

128 41.9 33.4 50.0

54 53.5 43.5 65.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

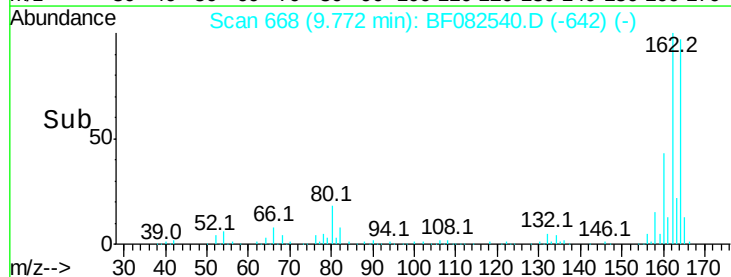
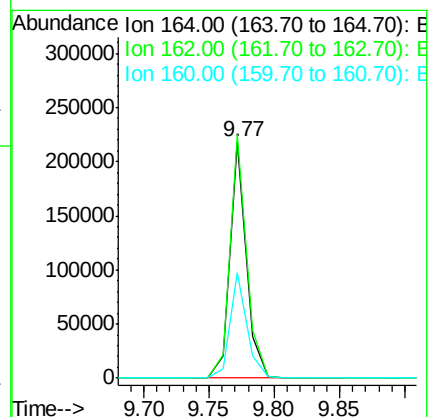
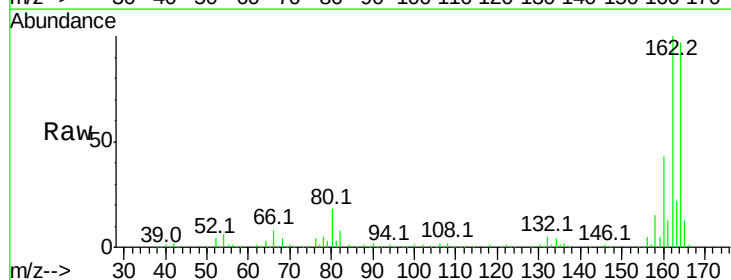
Tgt Ion: 164 Resp: 191154

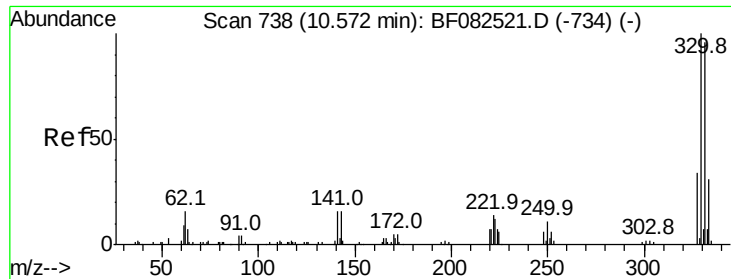
Ion Ratio Lower Upper

164 100

162 103.0 83.6 125.4

160 44.5 36.0 54.0

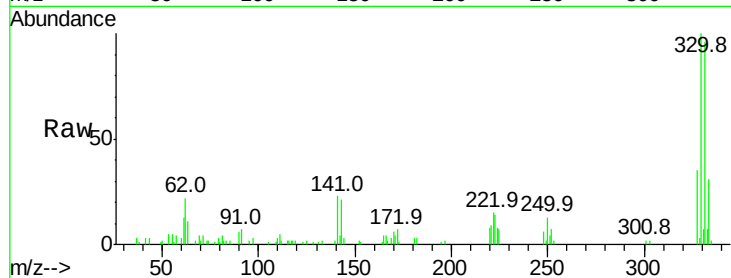




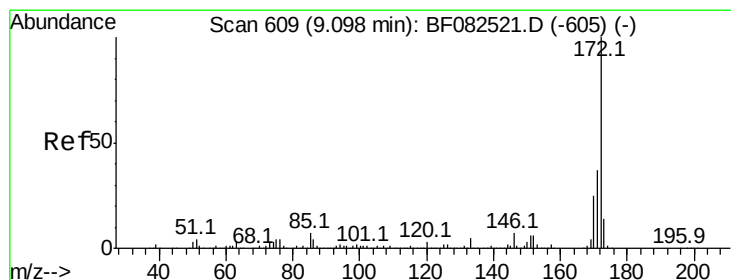
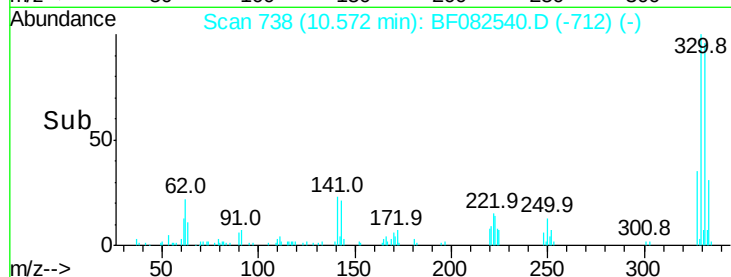
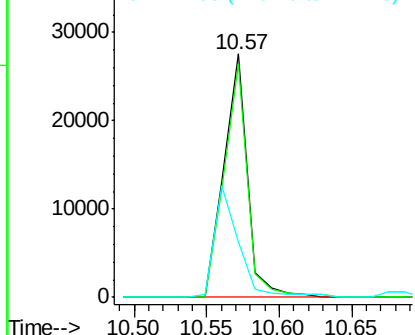
#41
 2,4,6-Tribromophenol
 Concen: 21.66 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.0
141	48.3	32.5	48.7

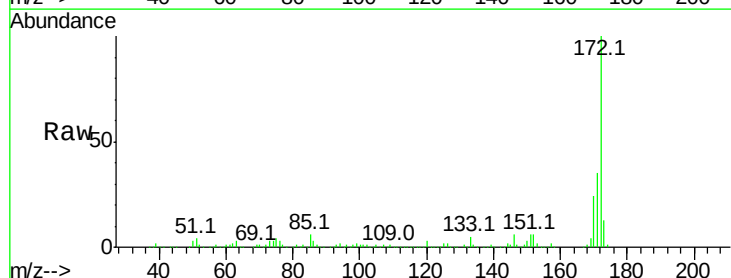


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

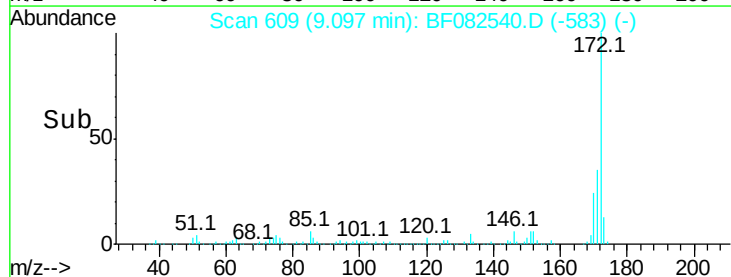
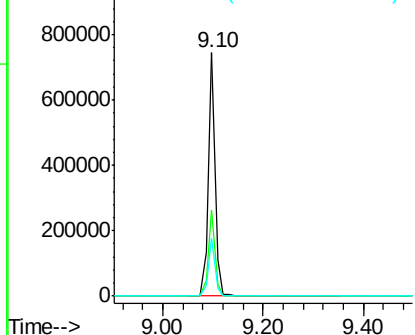


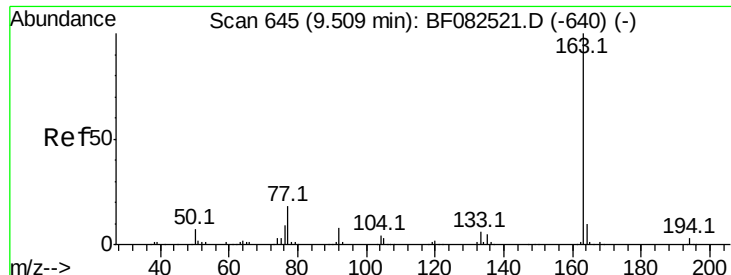
#44
 2-Fluorobiphenyl
 Concen: 58.01 ng
 RT: 9.10 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.3	43.9
170	23.9	19.8	29.6



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





#49

Dimethylphthalate

Concen: 17.47 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

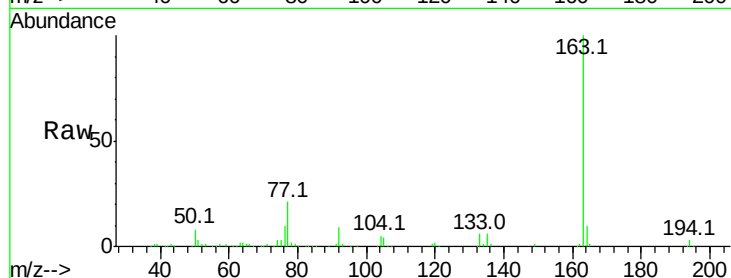
Tot Ion:163 Resp: 232380

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

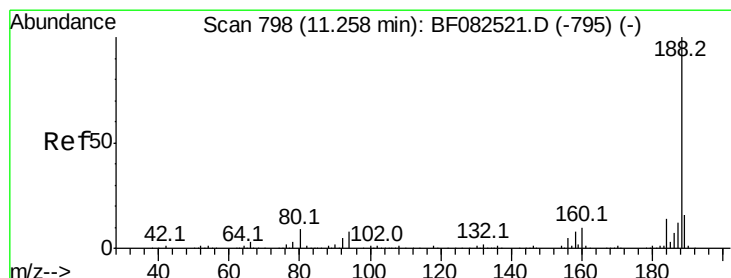
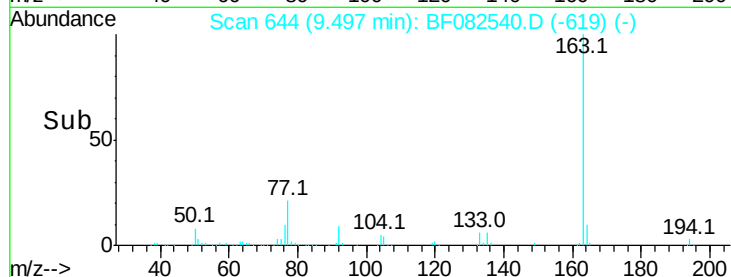
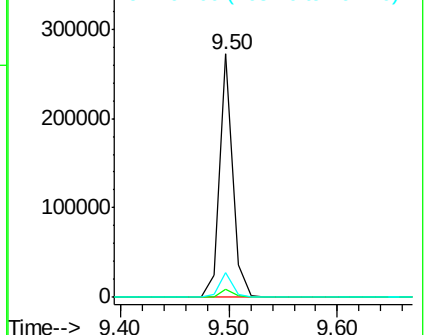
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

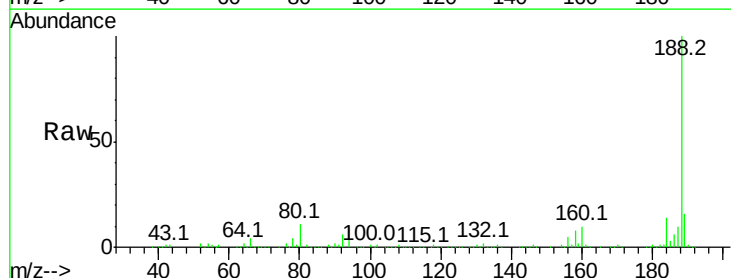
Tgt Ion:188 Resp: 309118

Ion Ratio Lower Upper

188 100

94 9.3 6.4 9.6

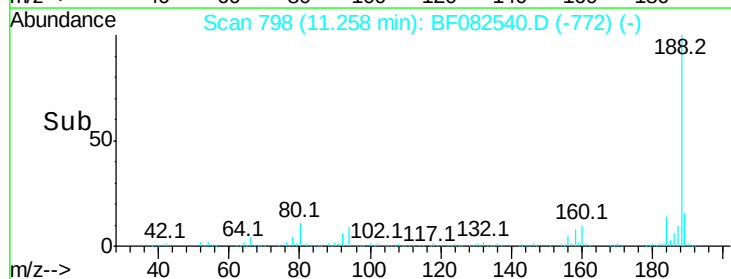
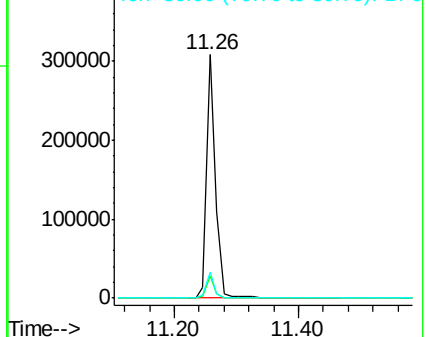
80 10.7 7.0 10.6#

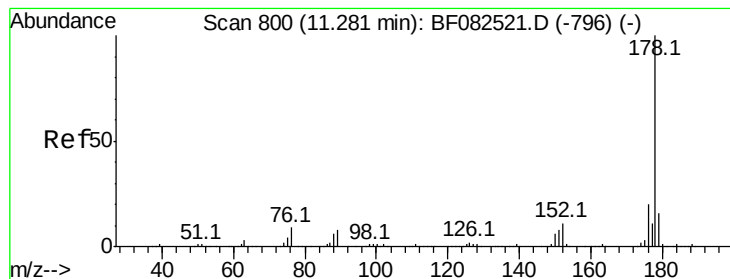


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.77 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Instrument :

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ClientSampleId :

SB15-08-10-10.5

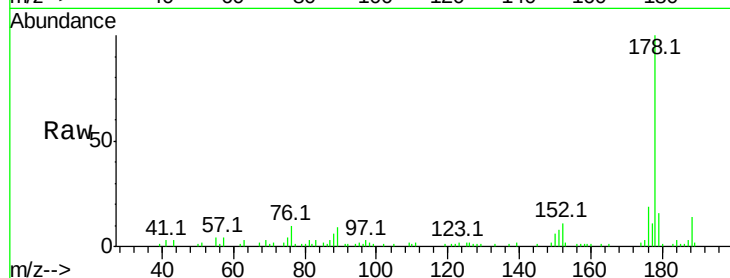
Tot Ion:178 Resp: 44017

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

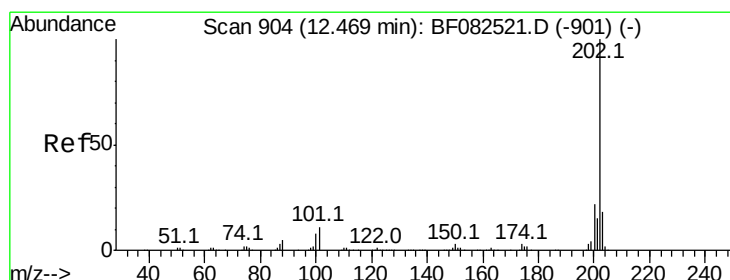
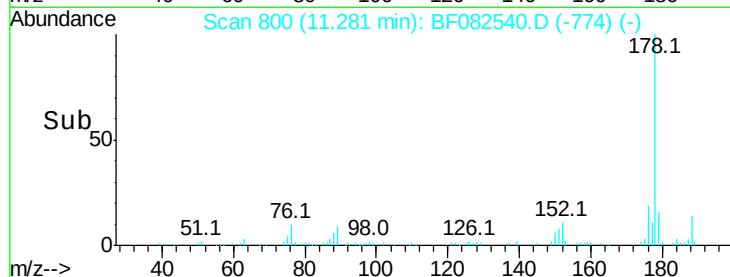
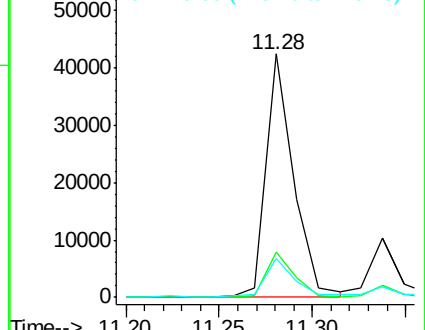
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.18 ng

RT: 12.48 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

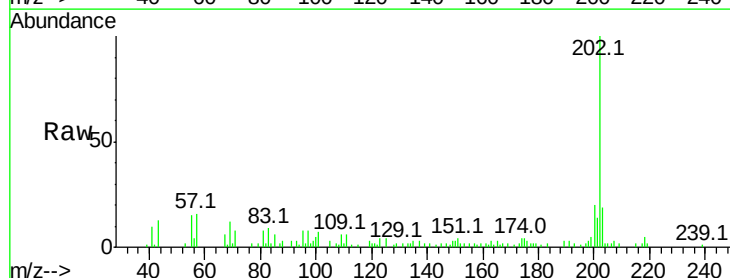
Tgt Ion:202 Resp: 35523

Ion Ratio Lower Upper

202 100

101 7.0 0.0 31.2

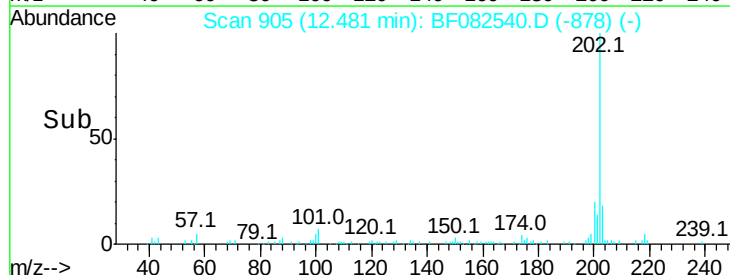
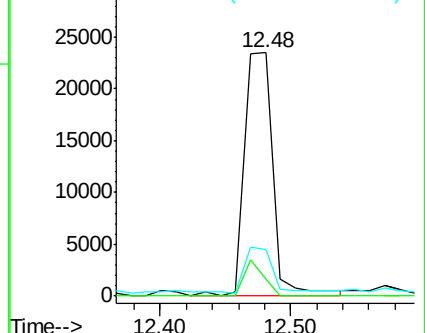
203 19.0 0.0 38.1

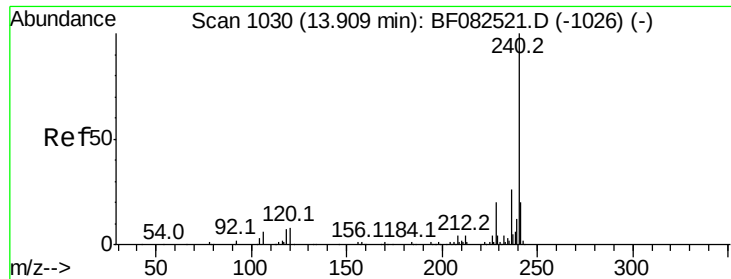


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

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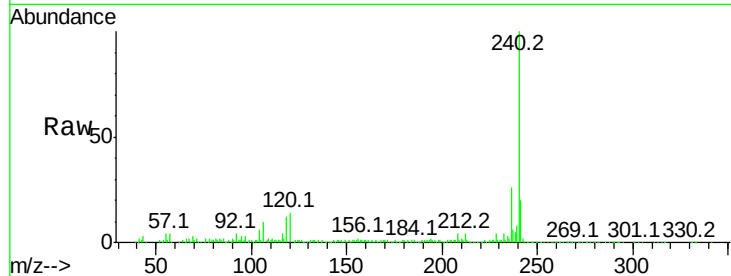
Tot Ion:240 Resp: 276684

Ion Ratio Lower Upper

240 100

120 13.6 6.5 9.7#

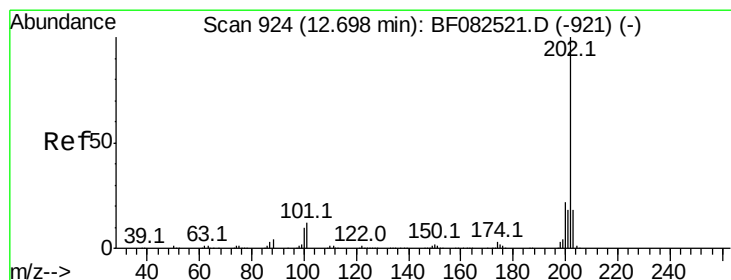
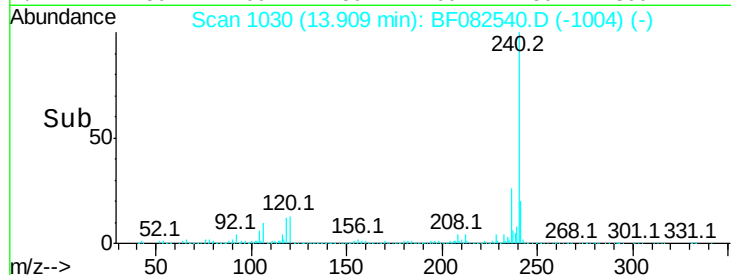
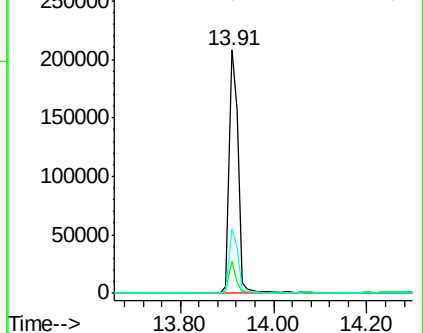
236 26.4 20.5 30.7



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



#77

Pyrene

Concen: 2.07 ng

RT: 12.70 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

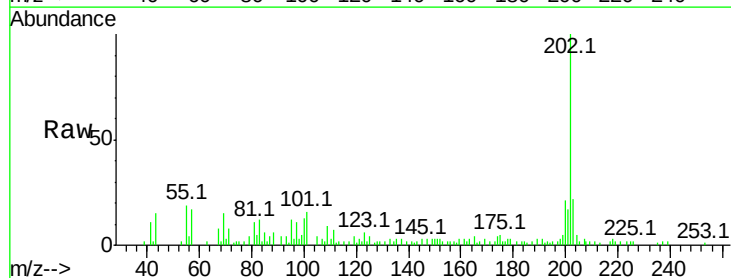
Tgt Ion:202 Resp: 35172

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

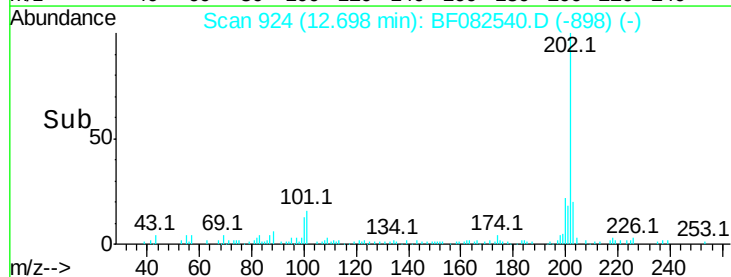
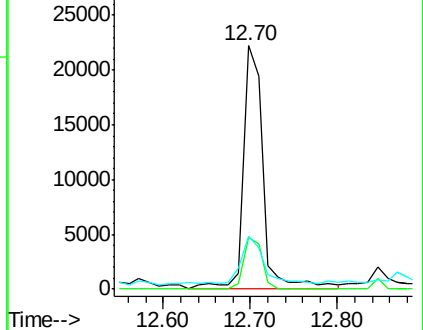
203 21.6 14.6 22.0

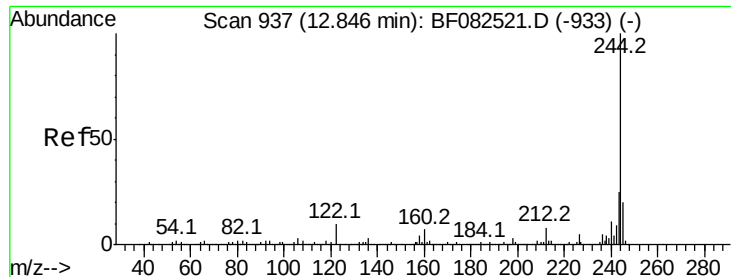


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.28 ng

RT: 12.85 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

Tot Ion:244 Resp: 511733

Ion Ratio Lower Upper

244 100

212 8.1

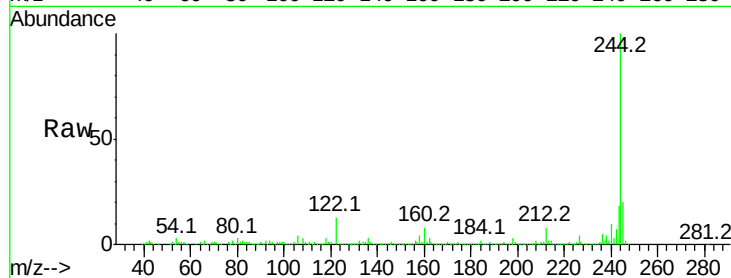
6.4

9.6

122 12.5

8.1

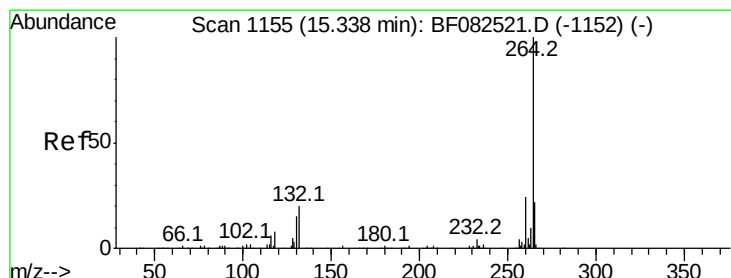
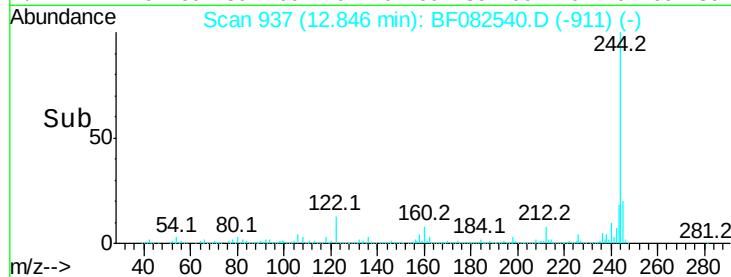
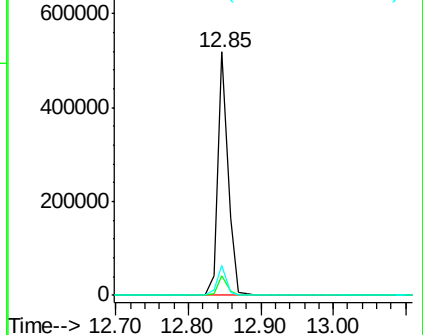
12.1#



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: 15.37 min Scan# 1158

Delta R.T. 0.03 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Tgt Ion:264 Resp: 204725

Ion Ratio Lower Upper

264 100

260 24.1

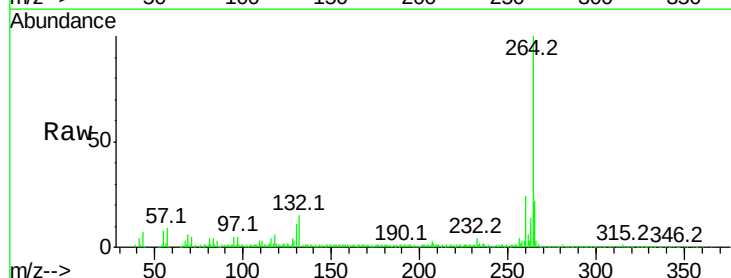
19.0

28.6

265 21.6

17.8

26.6



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

