

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

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

Quant Time: Oct 27 12:03:46 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

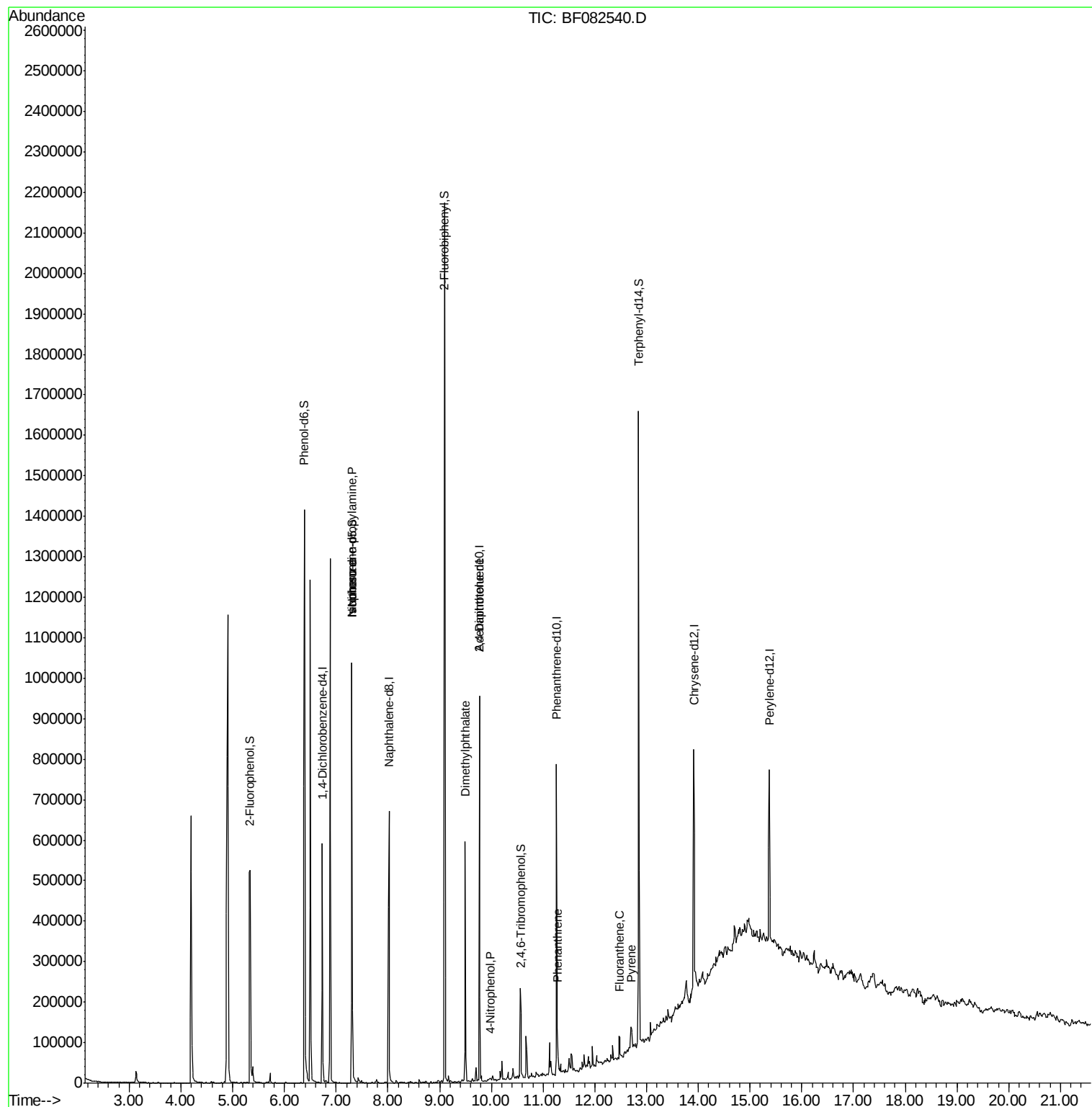
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	108462	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	410931	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	191154	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	309118	20.00	ng	0.00
75) Chrysene-d12	13.91	240	276684	20.00	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
19) n-Nitroso-di-n-propylamine	7.30	70	47248	10.13	ng	# 78
25) Isophorone	7.30	82	309709	24.47	ng	# 64
49) Dimethylphthalate	9.50	163	232380	17.47	ng	100
55) 4-Nitrophenol	9.98	139	1164	7.27	ng	# 11
56) 2,4-Dinitrotoluene	9.77	165	24971	7.06	ng	# 11
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

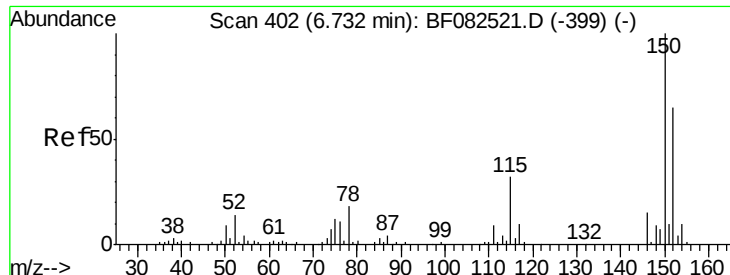
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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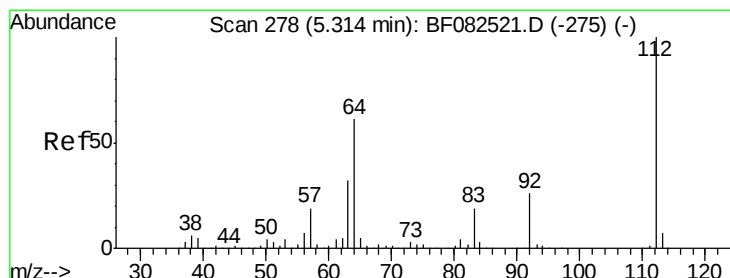
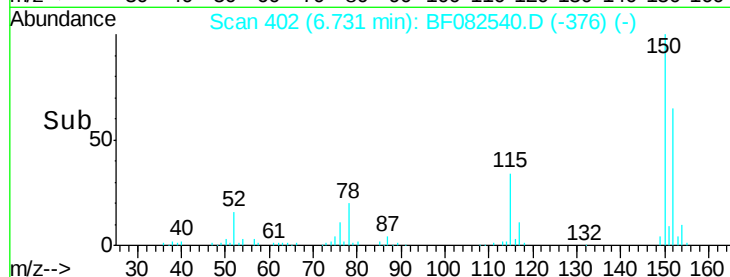
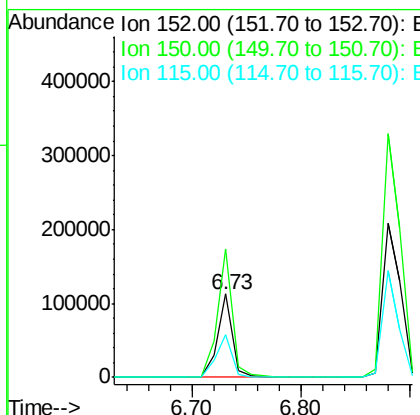
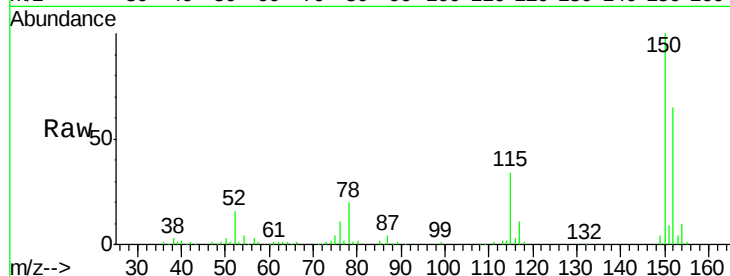




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. -0.00 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

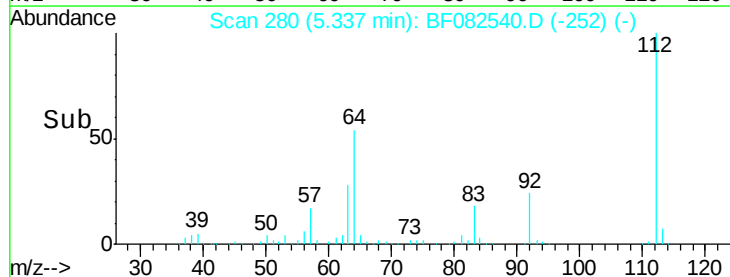
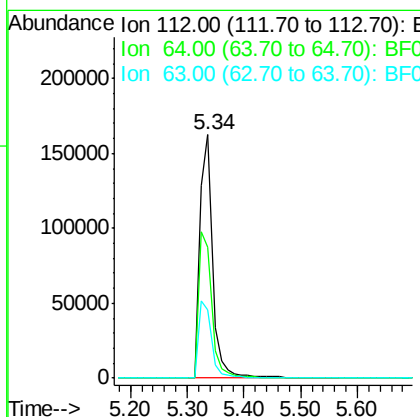
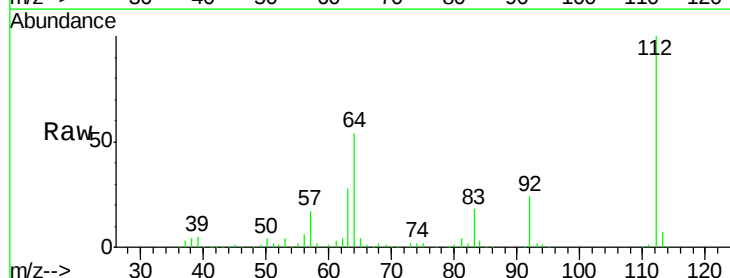
Instrument :
 BNA_F
 ClientSampleId :
 SB15-08-10-10.5

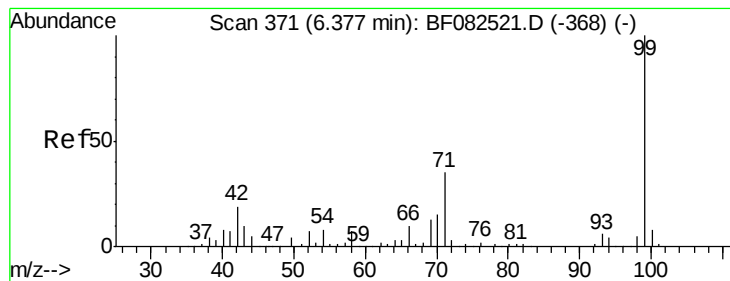
Tot Ion:152 Resp: 108462
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.4 185.0
 115 51.8 39.0 58.4



#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

ClientSampleId :

SB15-08-10-10.5

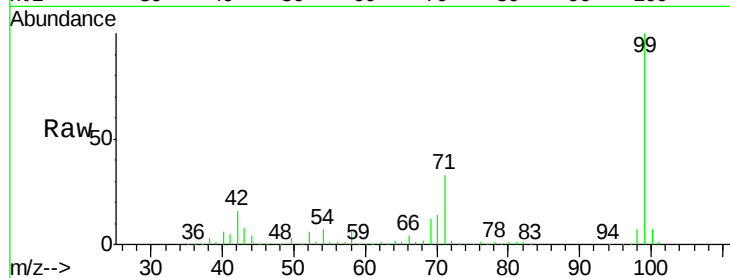
Tot Ion: 99 Resp: 607845

Ion Ratio Lower Upper

99 100

42 15.9 15.1 22.7

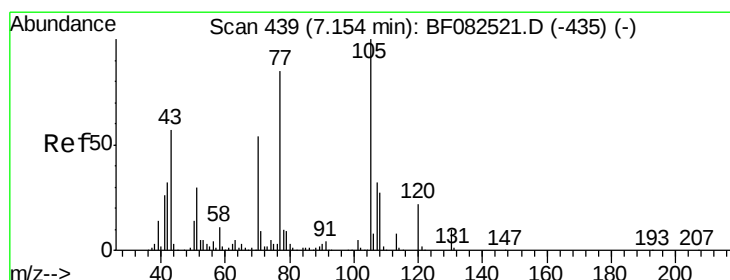
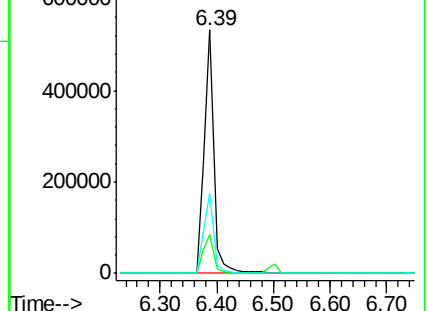
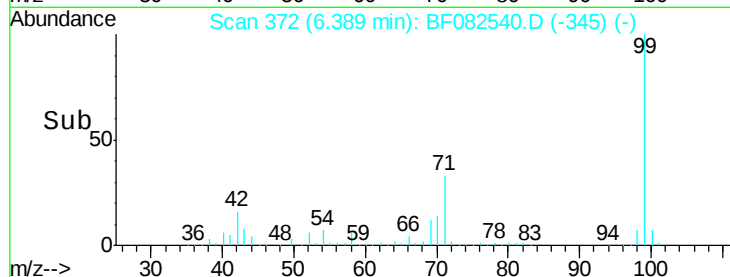
71 33.0 28.2 42.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.13 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082540.D

Acq: 27 Oct 2015 9:26

Tgt Ion: 70 Resp: 47248

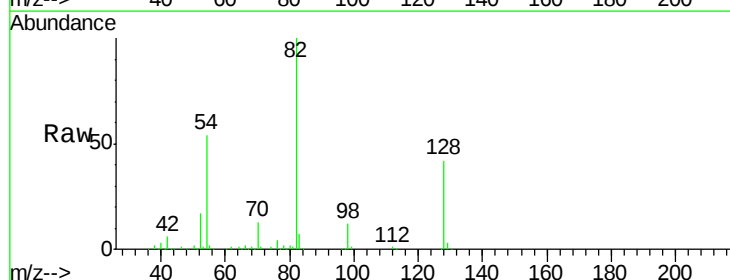
Ion Ratio Lower Upper

70 100

42 45.7 46.9 70.3#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

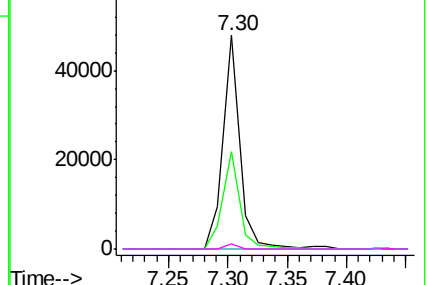
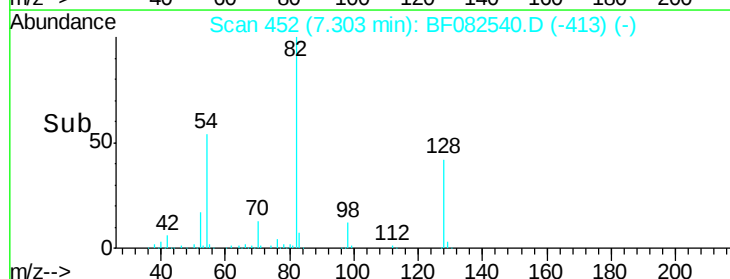


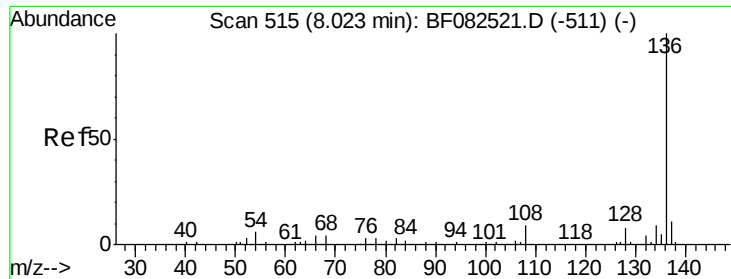
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

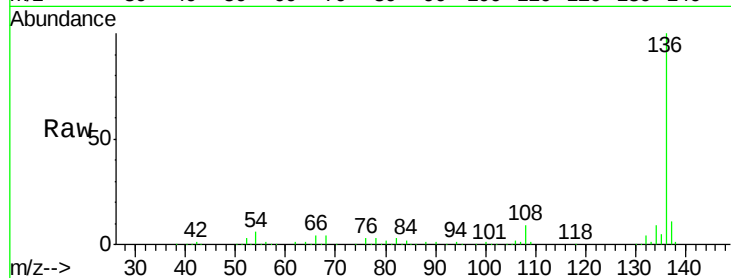




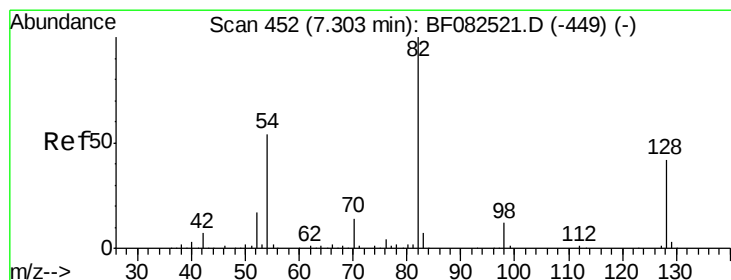
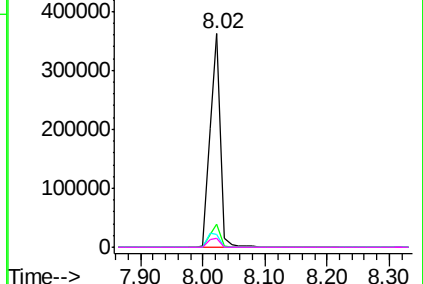
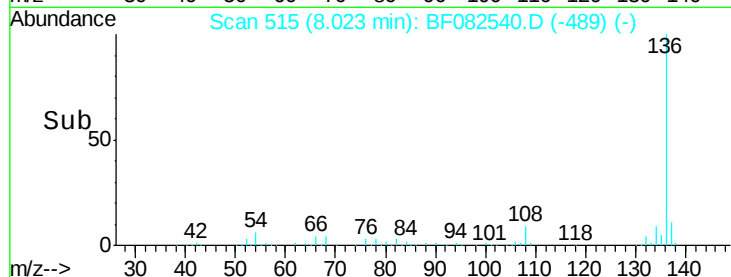
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

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

Tot 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

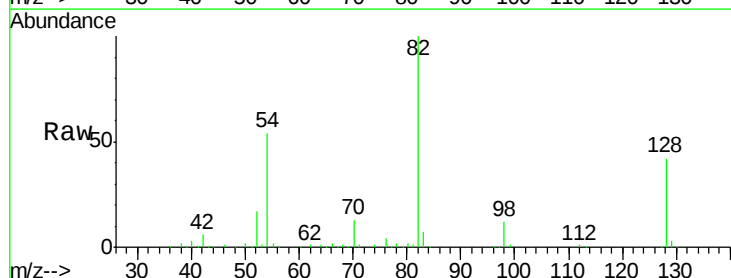


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

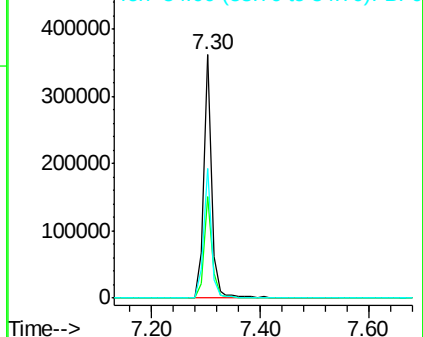
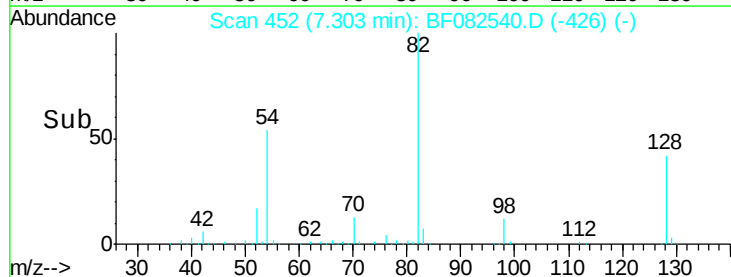


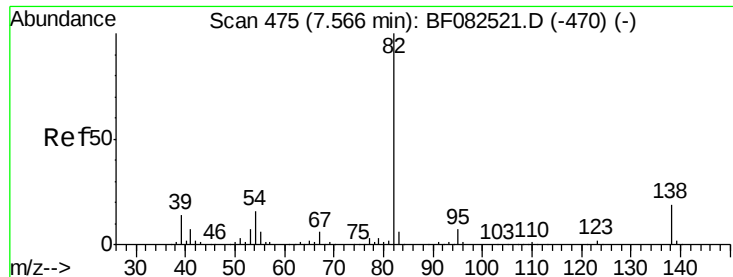
#23
Nitrobenzene-d5
Concen: 56.99 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

Tgt Ion: 82	Resp:	362985
Ion Ratio	Lower	Upper
82	100	
128	41.9	33.4 50.0
54	53.5	43.5 65.3



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

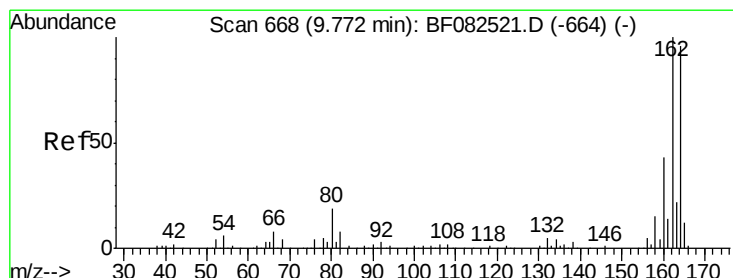
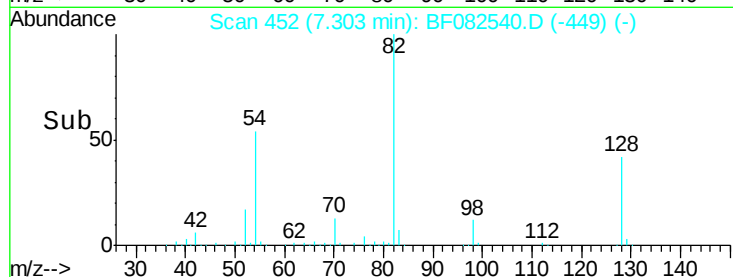
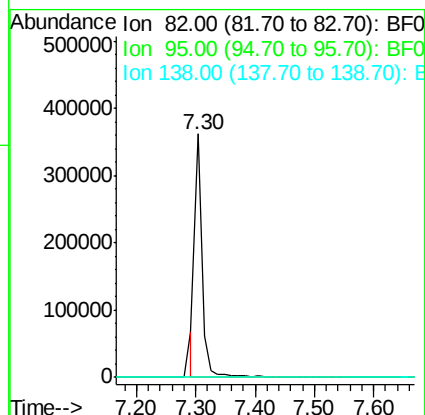
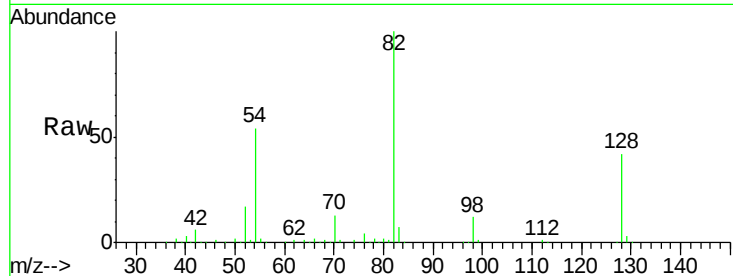




#25
Isophorone
Concen: 24.47 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.26 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

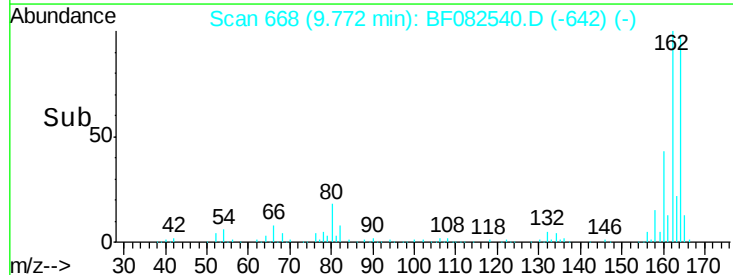
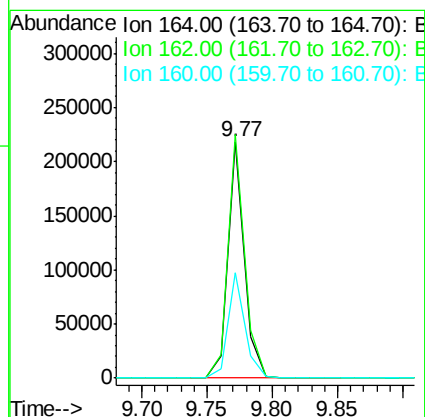
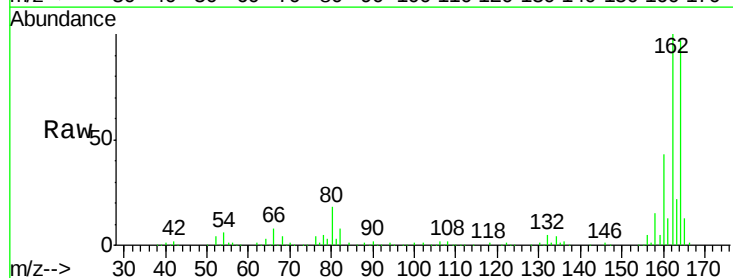
Instrument :
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ClientSampleId :
SB15-08-10-10.5

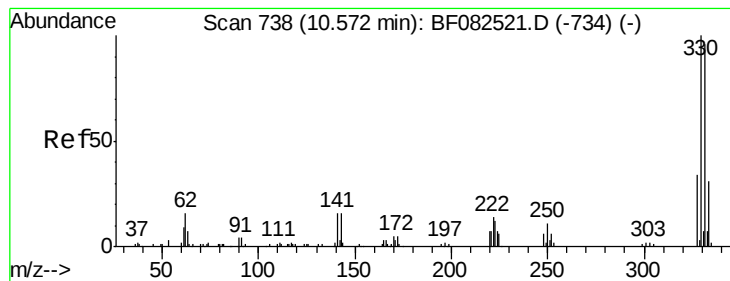
Tot Ion: 82 Resp: 309709
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.4#



#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

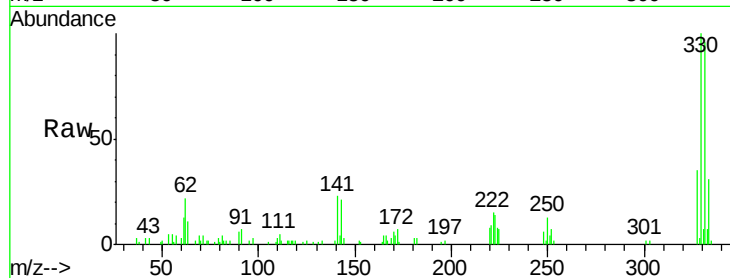
Tot Ion:330 Resp: 30998

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.0

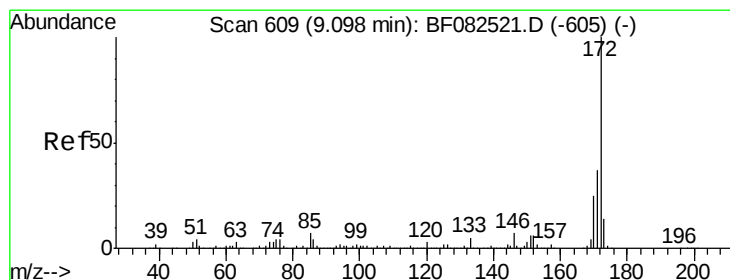
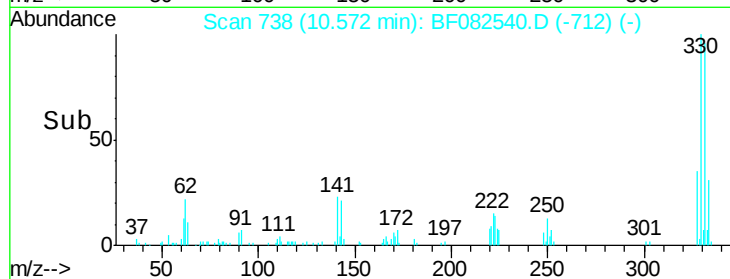
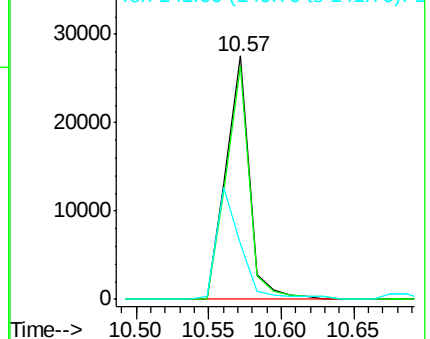
141 48.3 32.5 48.7



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

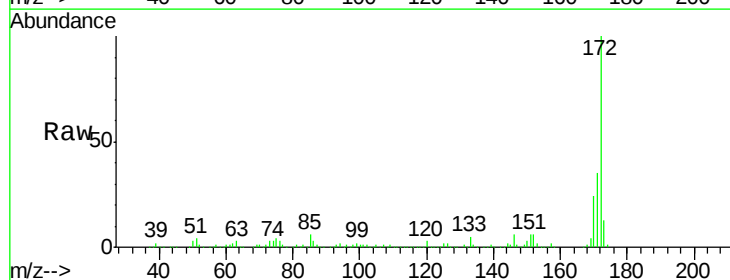
Tgt Ion:172 Resp: 697369

Ion Ratio Lower Upper

172 100

171 35.5 29.3 43.9

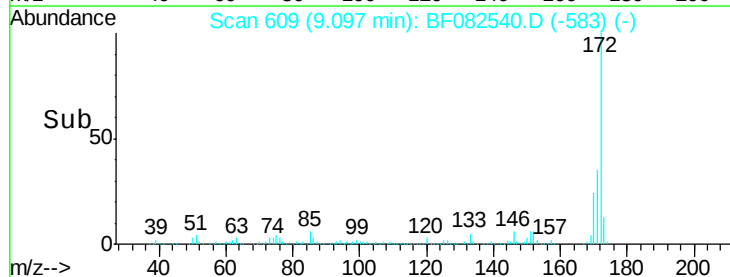
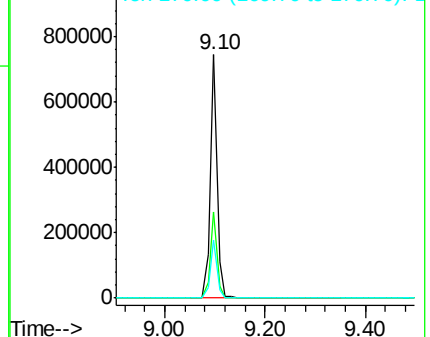
170 23.9 19.8 29.6

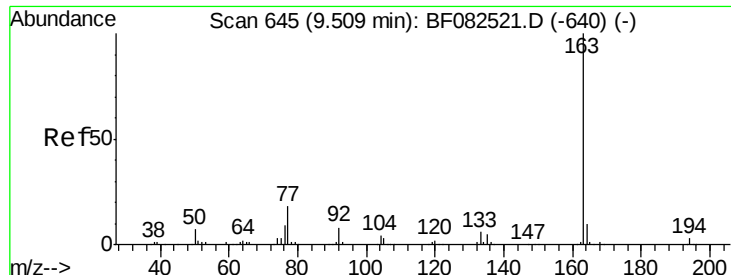


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

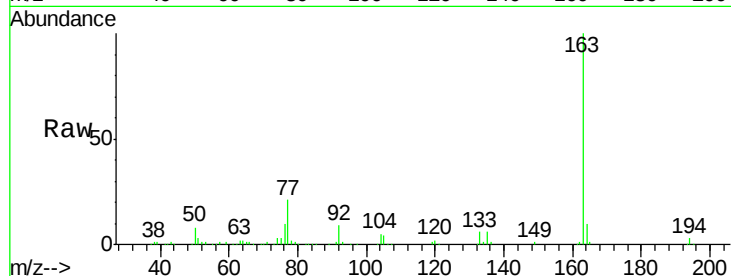




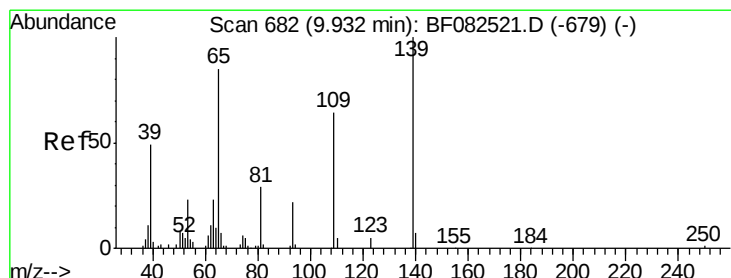
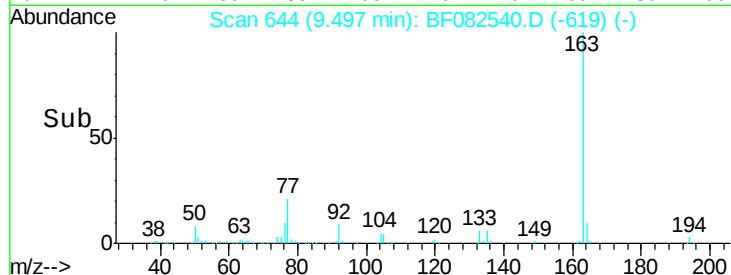
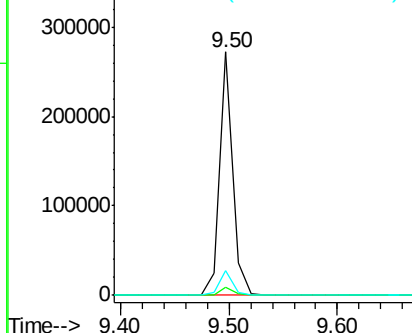
#49
Dimethylphthalate
Concen: 17.47 ng
RT: 9.50 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

Instrument :
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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

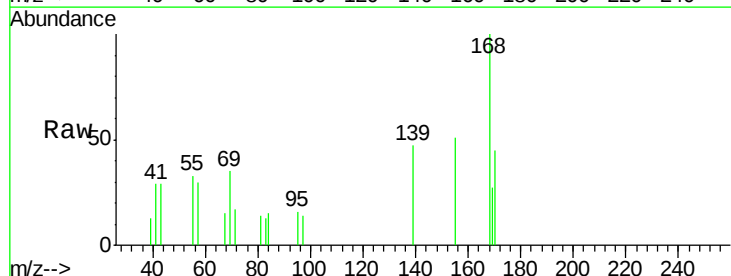


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

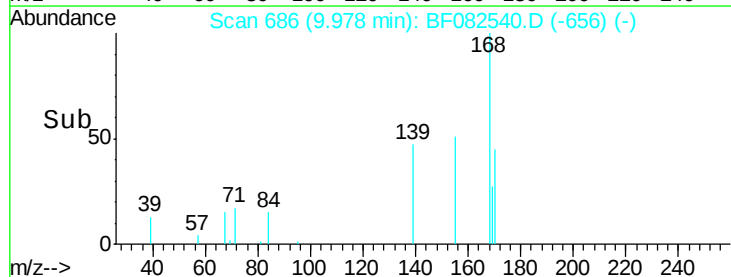
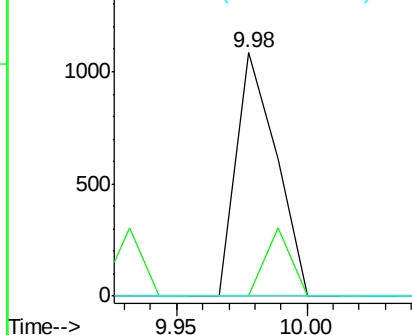


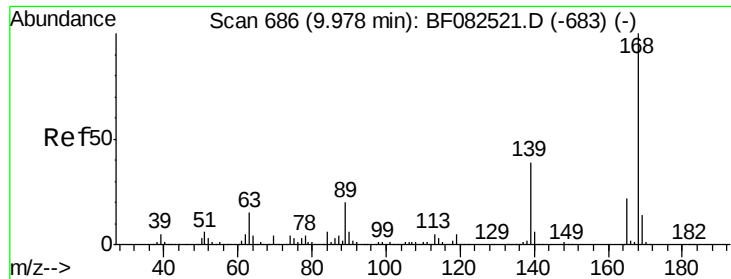
#55
4-Nitrophenol
Concen: 7.27 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.05 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

Tgt Ion:139 Resp: 1164
Ion Ratio Lower Upper
139 100
109 0.0 44.2 84.2#
65 0.0 68.1 108.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

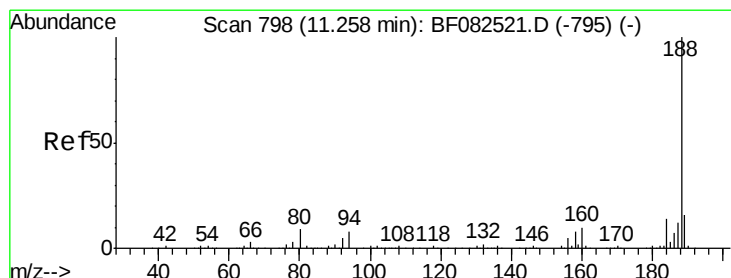
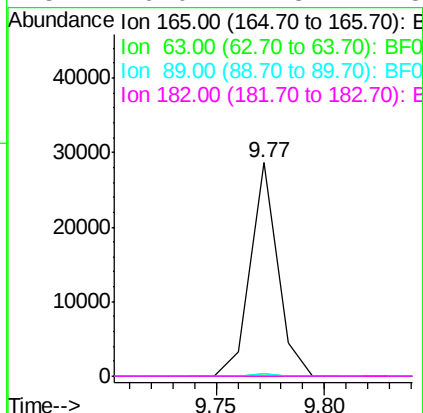
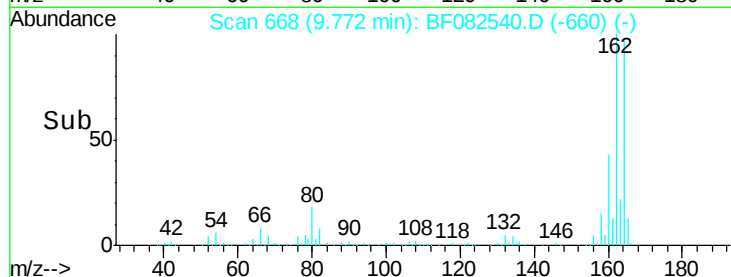
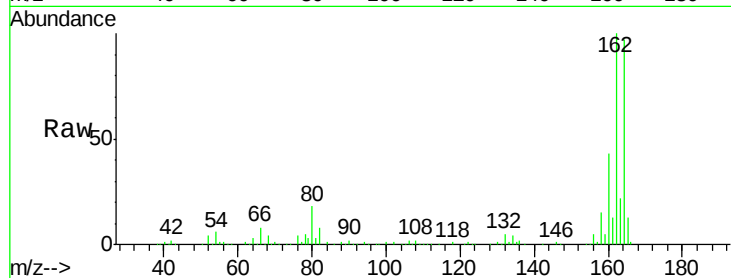




#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF082540.D
 Acq: 27 Oct 2015 9:26

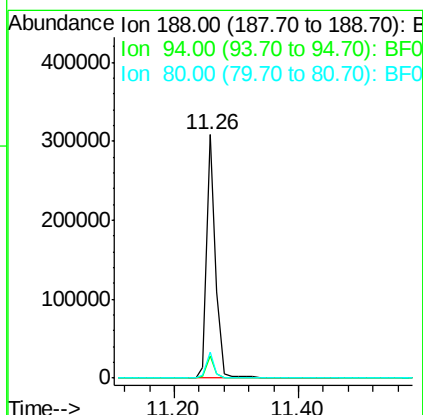
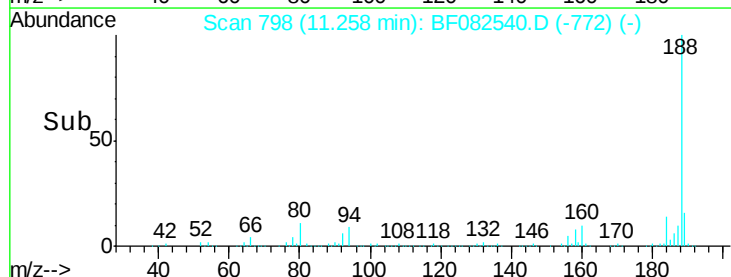
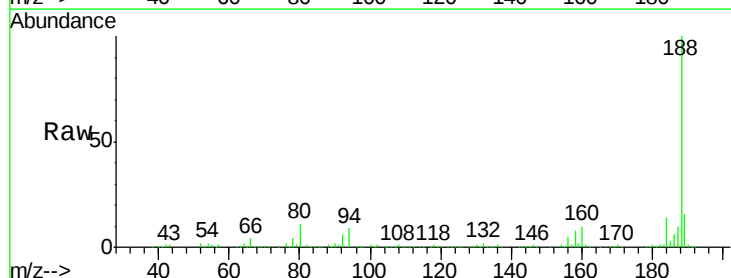
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 SB15-08-10-10.5

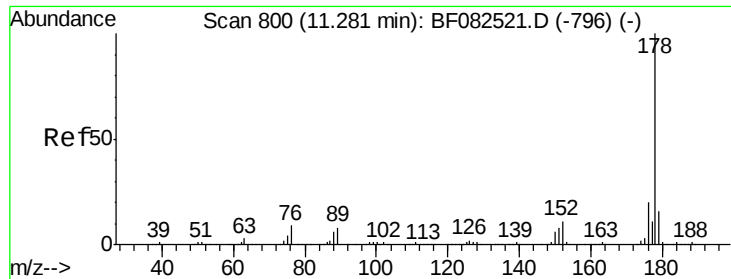
Tot Ion:165 Resp: 24971
 Ion Ratio Lower Upper
 165 100
 63 1.4 58.6 88.0#
 89 1.2 72.3 108.5#
 182 0.0 1.8 2.8#



#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#

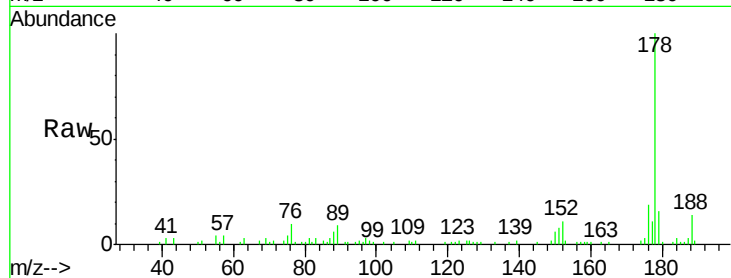




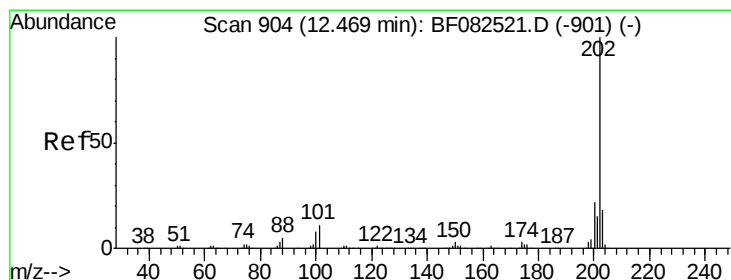
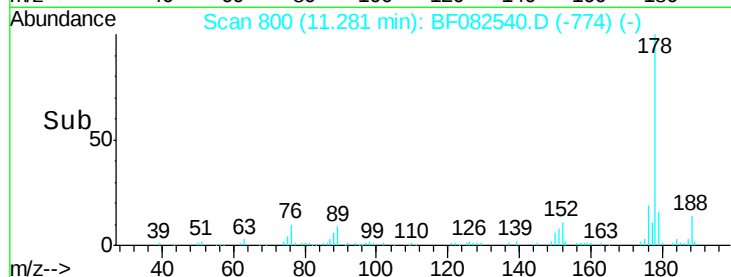
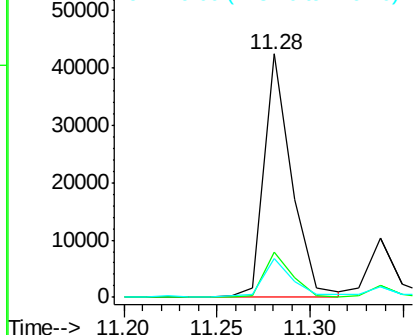
#70
Phenanthrene
Concen: 2.77 ng
RT: 11.28 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

Instrument :
BNA_F
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

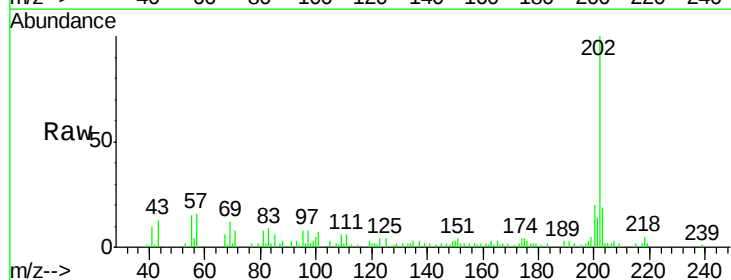


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

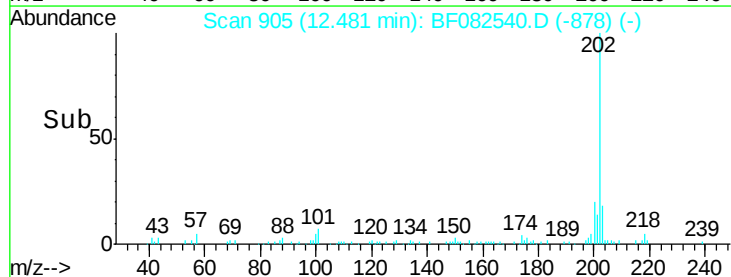
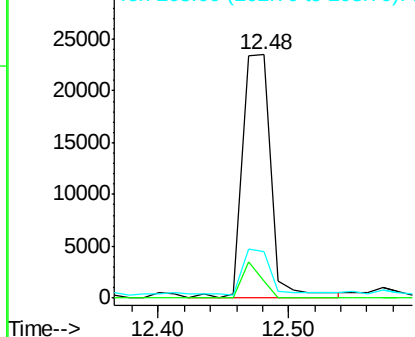


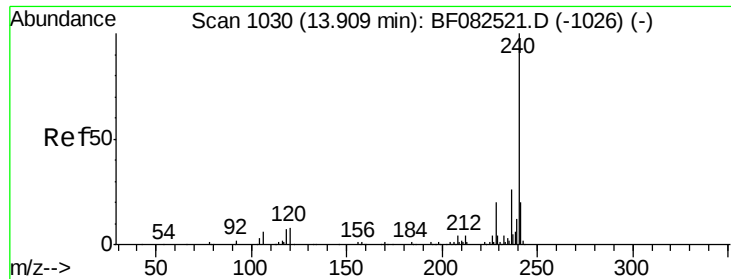
#74
Fluoranthene
Concen: 2.18 ng
RT: 12.48 min Scan# 905
Delta R.T. 0.01 min
Lab File: BF082540.D
Acq: 27 Oct 2015 9:26

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

Instrument :

BNA_F

ClientSampleId :

SB15-08-10-10.5

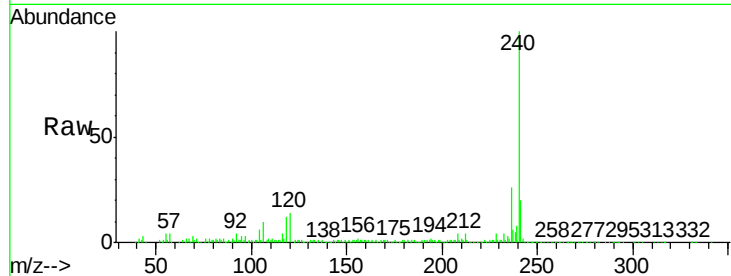
Tot Ion:240 Resp: 276684

Ion Ratio Lower Upper

240 100

120 13.6 6.5 9.7#

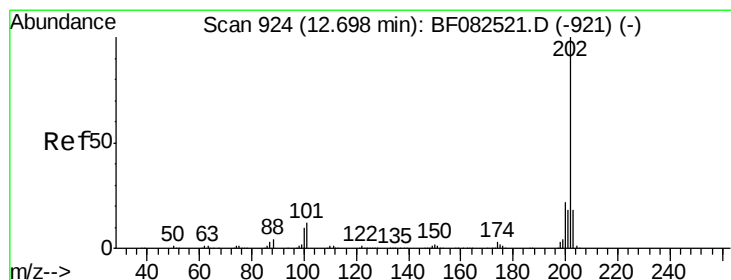
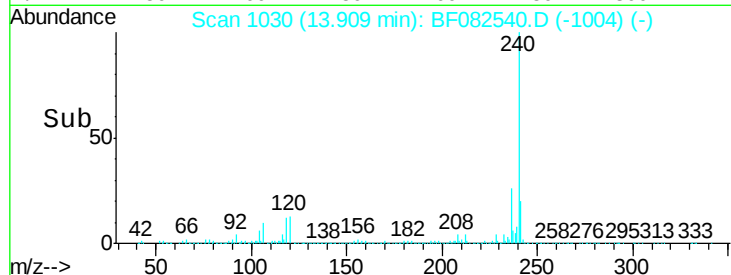
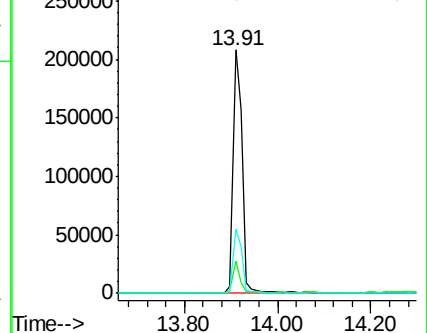
236 26.4 20.5 30.7



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

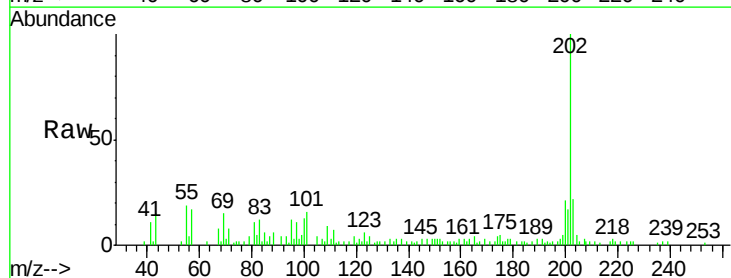
Tgt Ion:202 Resp: 35172

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

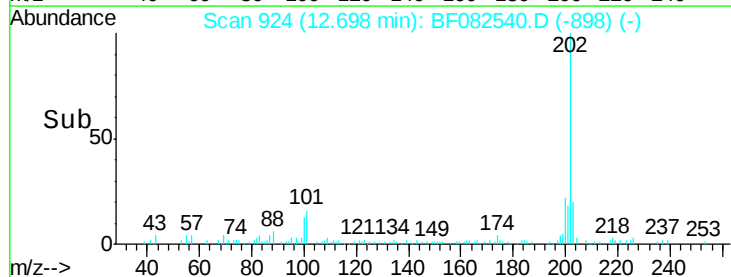
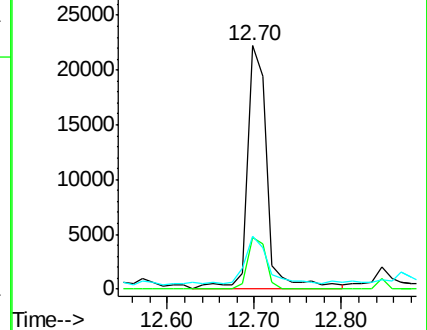
203 21.6 14.6 22.0

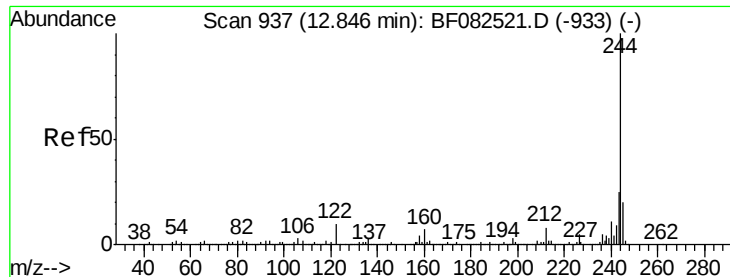


Abundance Ion 202.00 (201.70 to 202.70): E

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

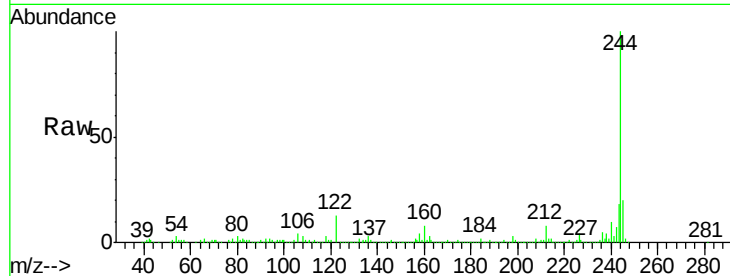
6.4

9.6

122 12.5

8.1

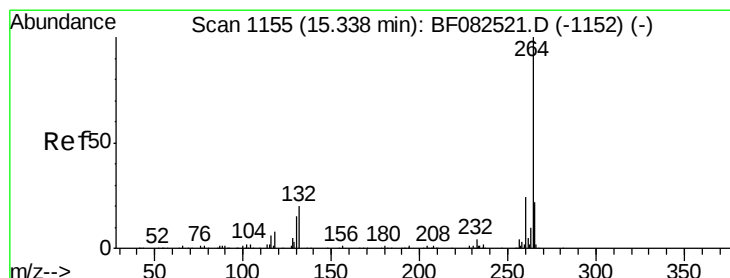
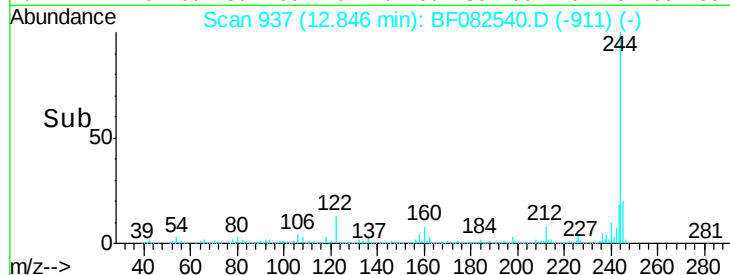
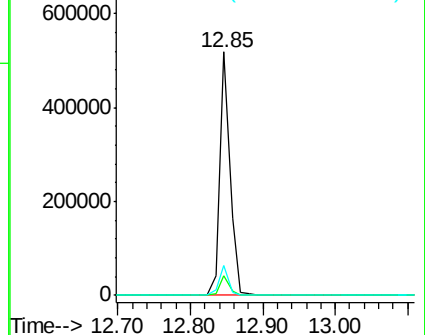
12.1#



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

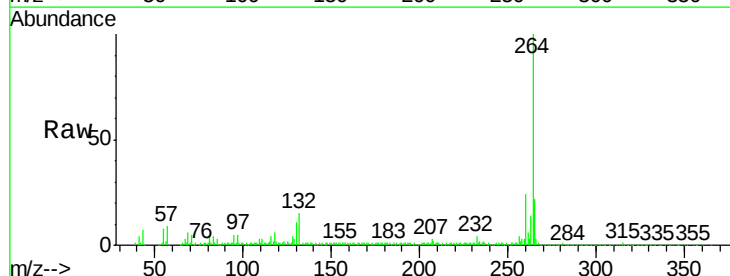
19.0

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

