

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082542.D
 Acq On : 27 Oct 2015 10:35
 Operator : UM/IZ
 Sample : G4117-07RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

Quant Time: Oct 27 12:04:10 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

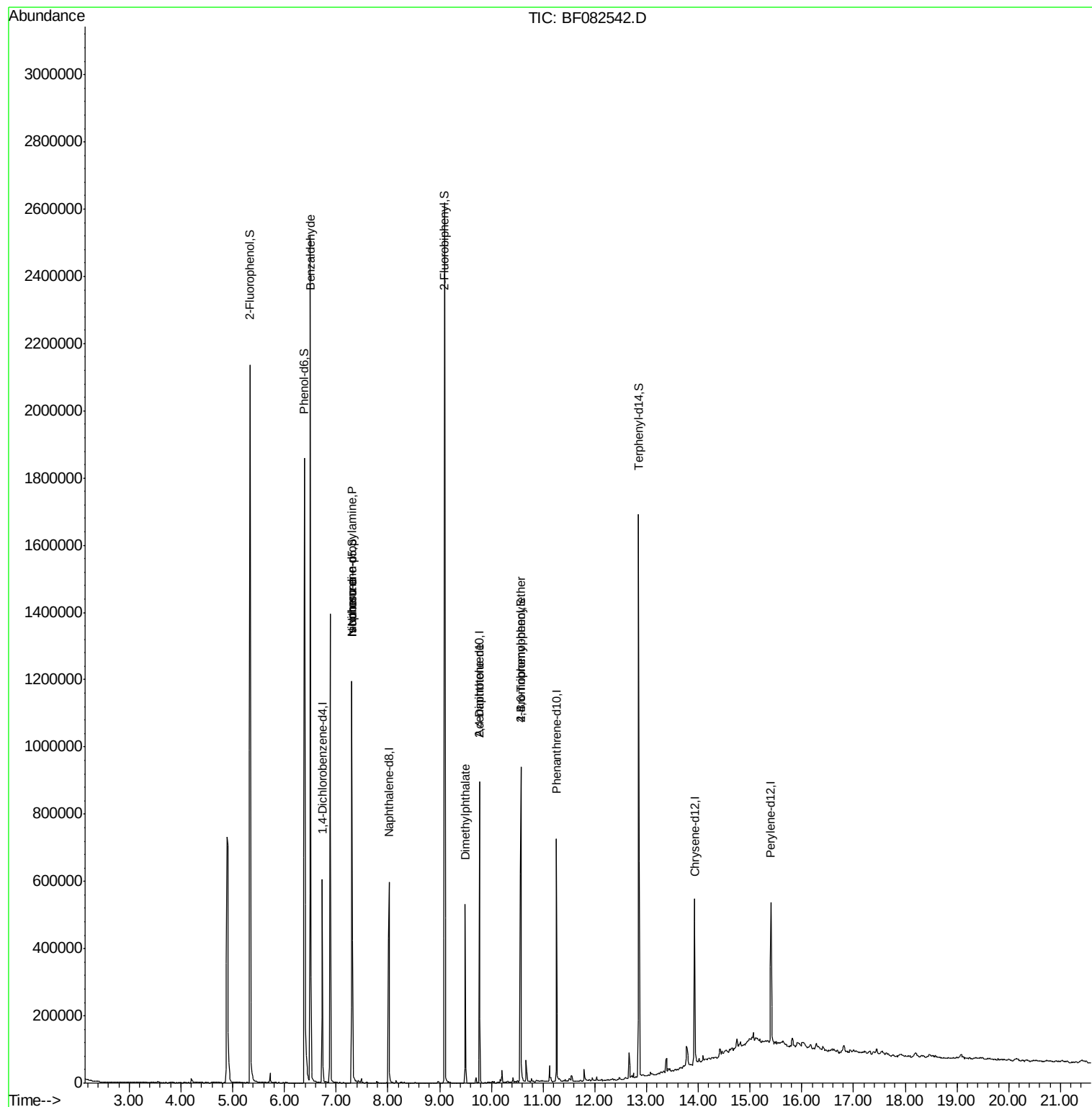
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	106959	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	386121	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	178612	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	283457	20.00	ng	0.00
75) Chrysene-d12	13.93	240	250703	20.00	ng	0.02
86) Perylene-d12	15.41	264	193918	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	687405	126.87	ng	0.02
7) Phenol-d6	6.39	99	846624	119.89	ng	0.01
23) Nitrobenzene-d5	7.30	82	469067	78.37	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	137041	102.46	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	851913	75.84	ng	0.00
78) Terphenyl-d14	12.85	244	585355	67.27	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	15481	2.75	ng	84
19) n-Nitroso-di-n-propylamine	7.30	70	61965	13.47	ng	# 78
25) Isophorone	7.30	82	408385	34.34	ng	# 64
49) Dimethylphthalate	9.50	163	204726	16.47	ng	100
56) 2,4-Dinitrotoluene	9.77	165	23092	6.99	ng	# 10
66) 4-Bromophenyl-phenylether	10.57	248	10541	3.96	ng	# 1

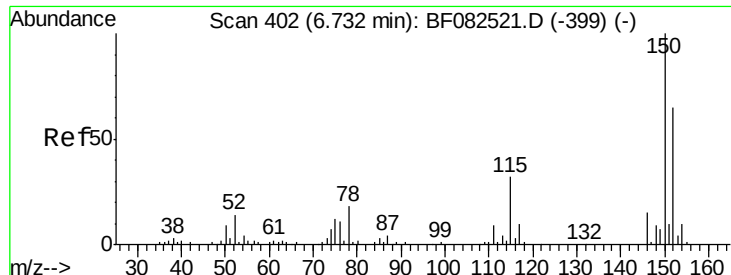
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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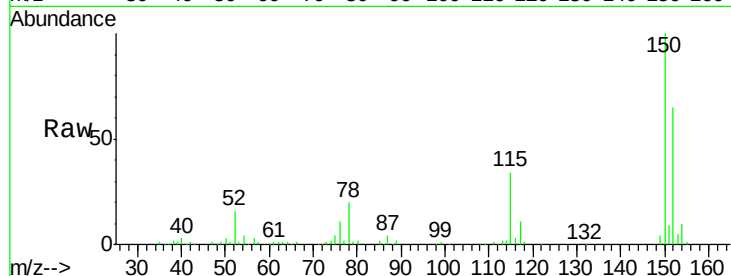


#1

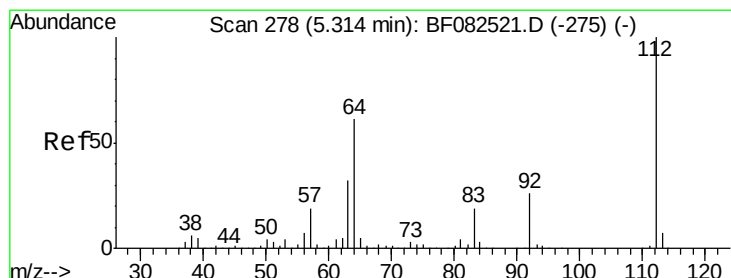
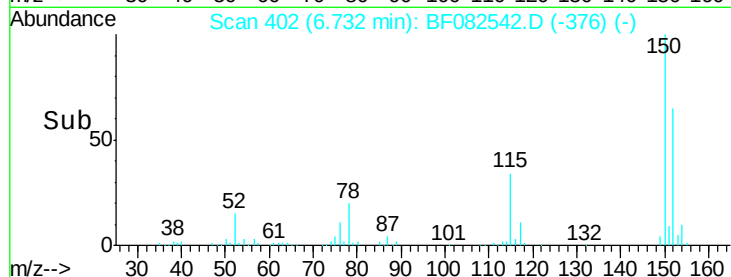
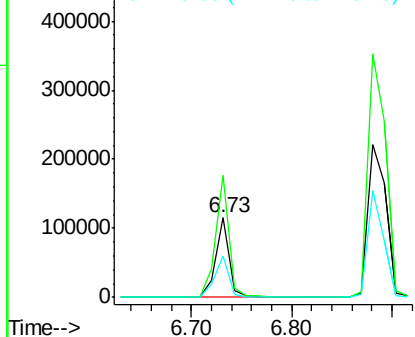
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF082542.D
Acq: 27 Oct 2015 10:35

Instrument :
BNA_F
ClientSampleId :
AB-AC-06(0-2)

Tot Ion:152 Resp: 106959
Ion Ratio Lower Upper
152 100
150 153.0 123.4 185.0
115 52.7 39.0 58.4



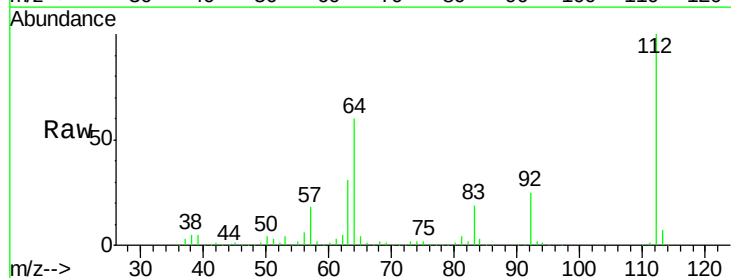
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



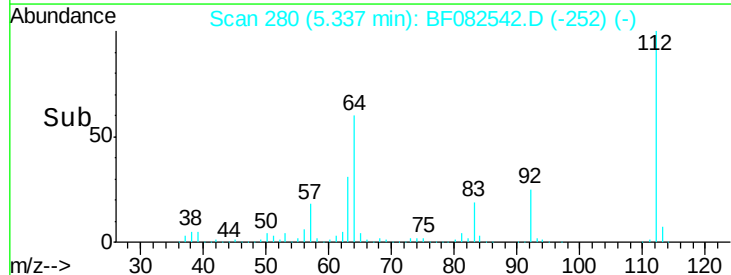
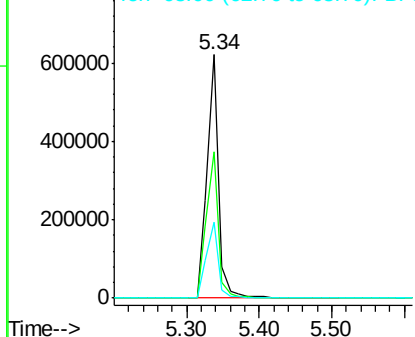
#5

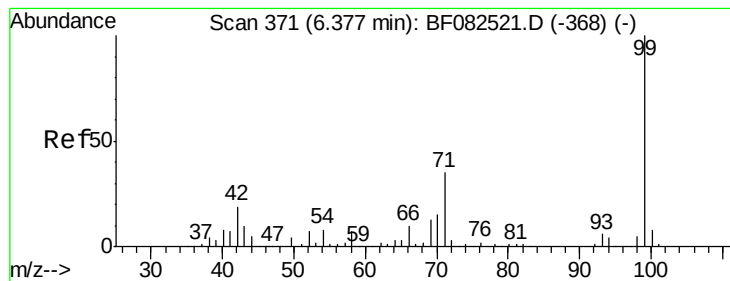
2-Fluorophenol
Concen: 126.87 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082542.D
Acq: 27 Oct 2015 10:35

Tgt Ion:112 Resp: 687405
Ion Ratio Lower Upper
112 100
64 59.9 49.0 73.4
63 31.3 25.8 38.6



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: 119.89 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

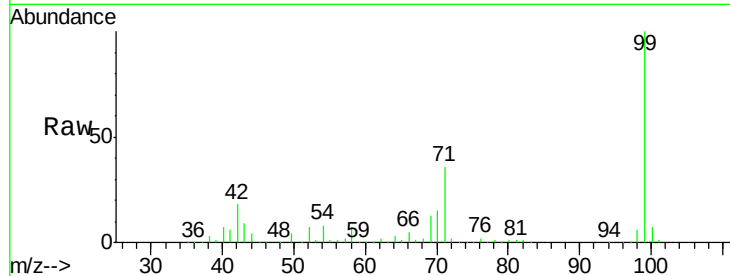
Tot Ion: 99 Resp: 846624

Ion Ratio Lower Upper

99 100

42 18.3 15.1 22.7

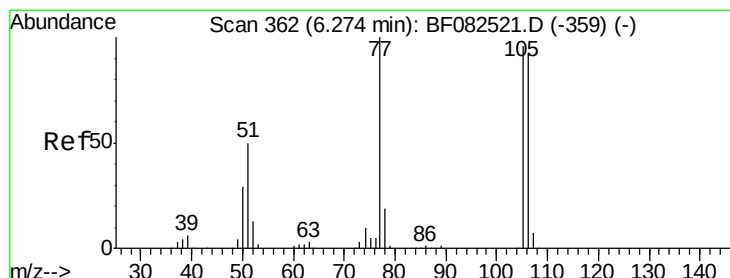
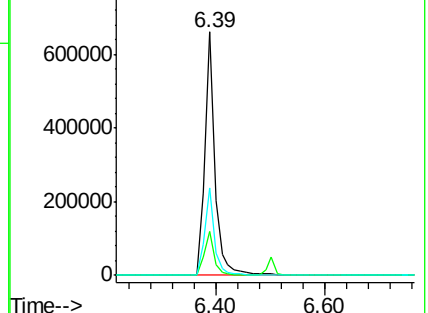
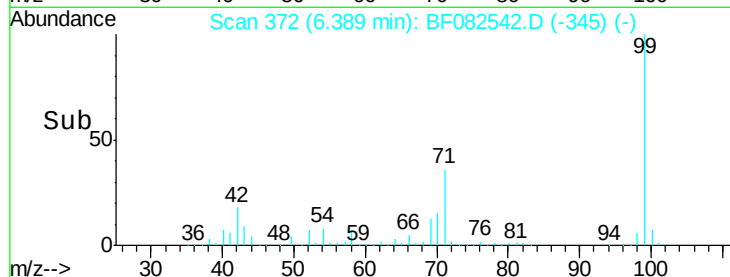
71 35.7 28.2 42.2



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



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.23 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

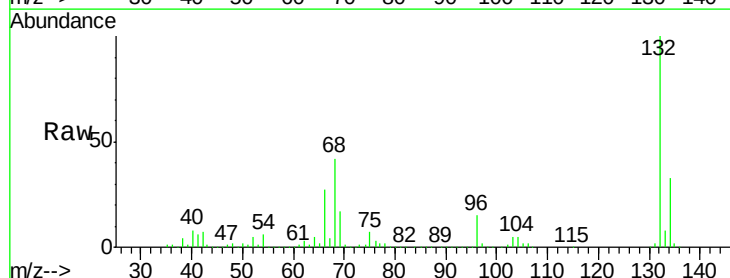
Tgt Ion: 77 Resp: 15481

Ion Ratio Lower Upper

77 100

105 80.3 75.9 115.9

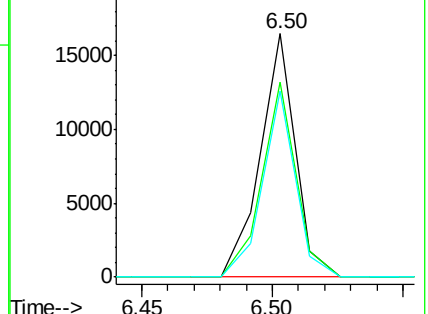
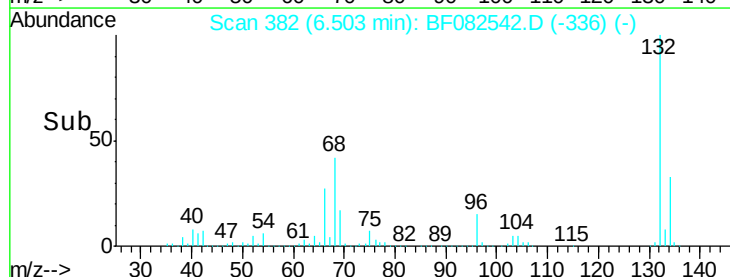
106 76.4 71.8 111.8

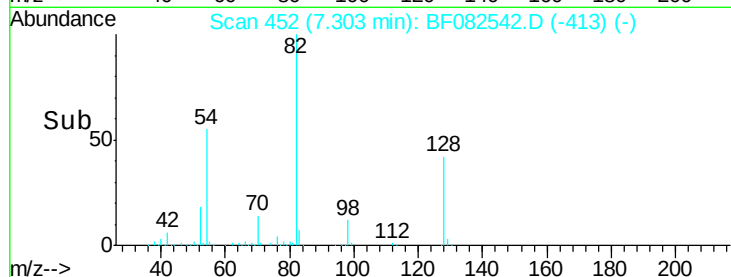
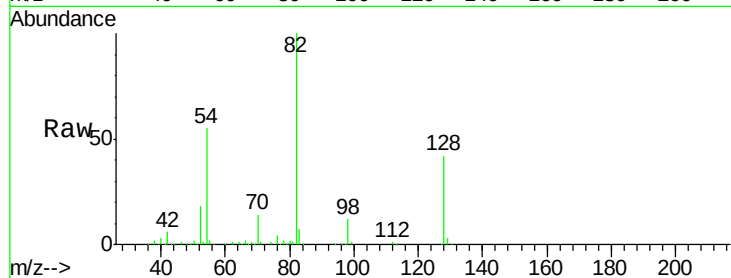
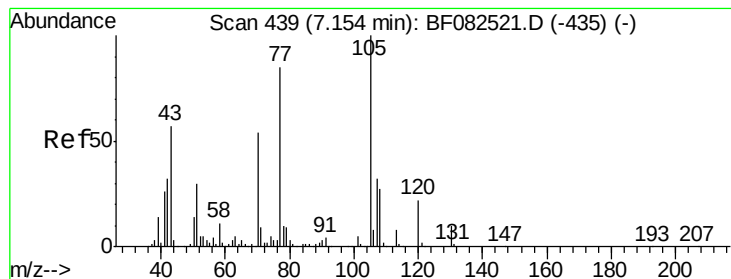


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.47 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

Tot Ion: 70 Resp: 61965

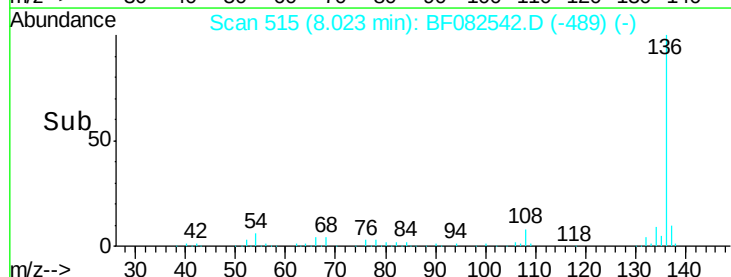
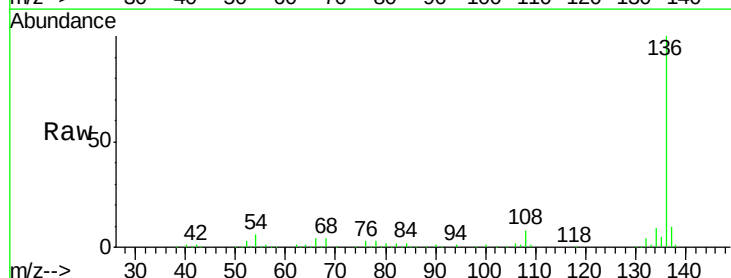
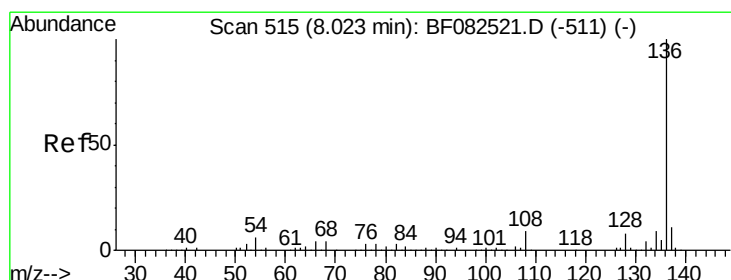
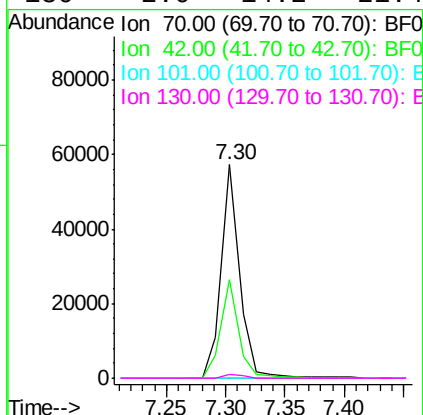
Ion Ratio Lower Upper

70 100

42 46.3 46.9 70.3#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

Tgt Ion: 136 Resp: 386121

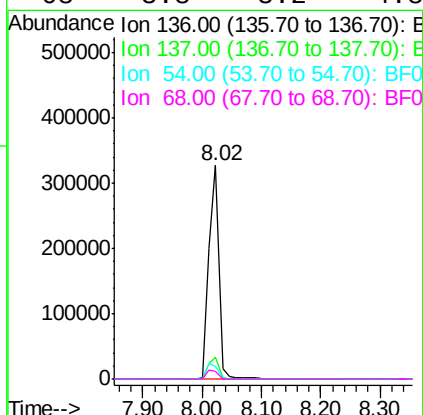
Ion Ratio Lower Upper

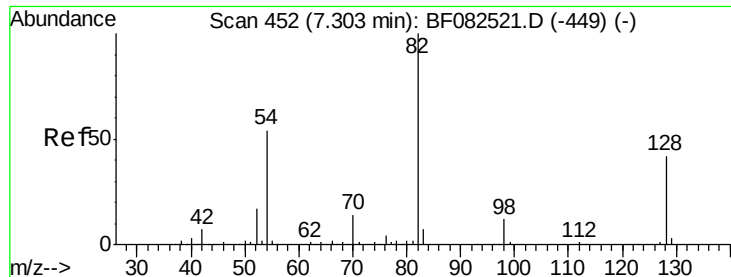
136 100

137 10.5 8.6 13.0

54 5.8 4.6 7.0

68 3.8 3.2 4.8

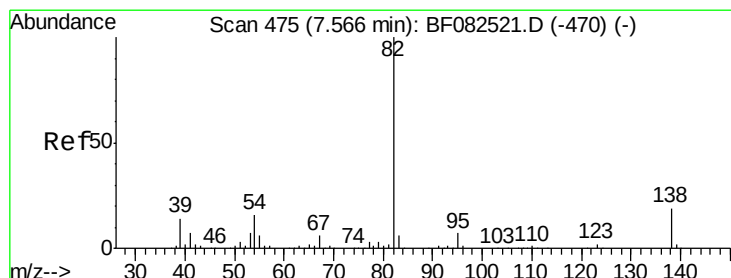
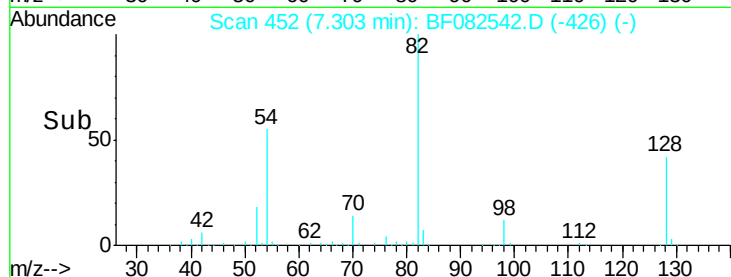
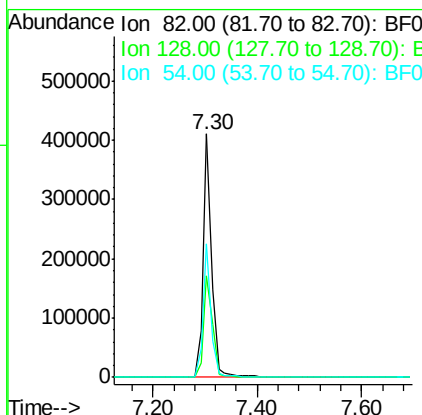
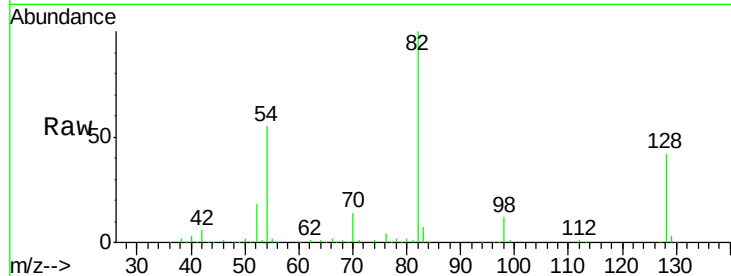




#23
 Nitrobenzene-d5
 Concen: 78.37 ng
 RT: 7.30 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

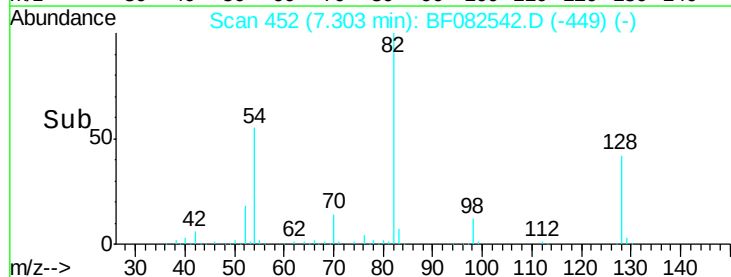
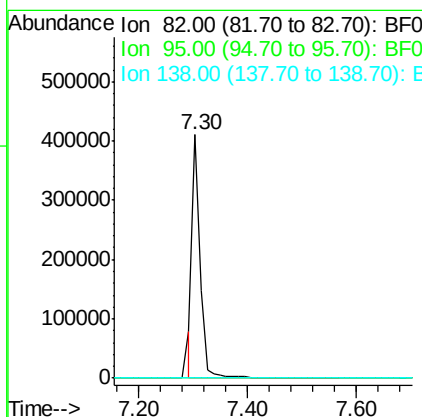
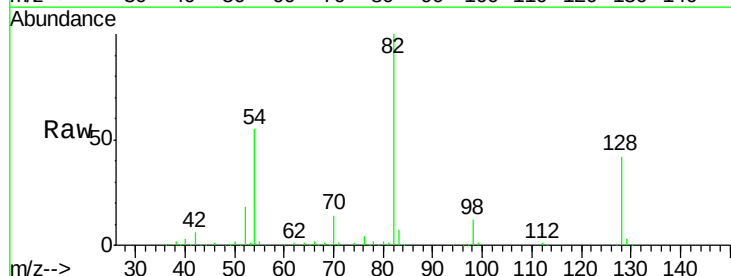
Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

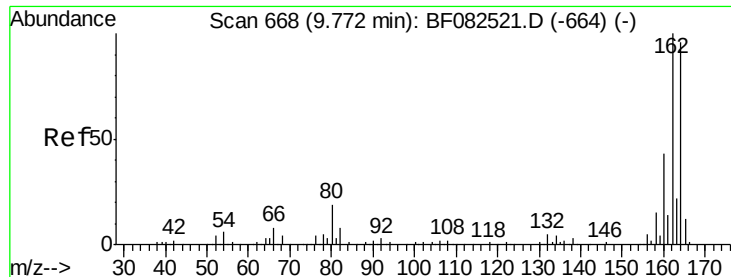
Tot Ion	82	Resp	469067
Ion Ratio	Lower	Upper	
82	100		
128	41.6	33.4	50.0
54	54.8	43.5	65.3



#25
 Isophorone
 Concen: 34.34 ng
 RT: 7.30 min Scan# 452
 Delta R.T. -0.26 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

Tgt Ion	82	Resp	408385
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: BF082542.D

Acq: 27 Oct 2015 10:35

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

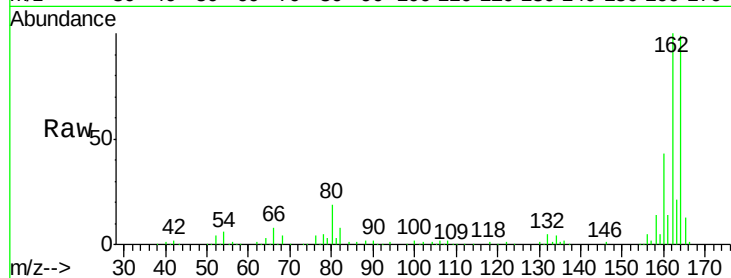
Tot Ion:164 Resp: 178612

Ion Ratio Lower Upper

164 100

162 101.5 83.6 125.4

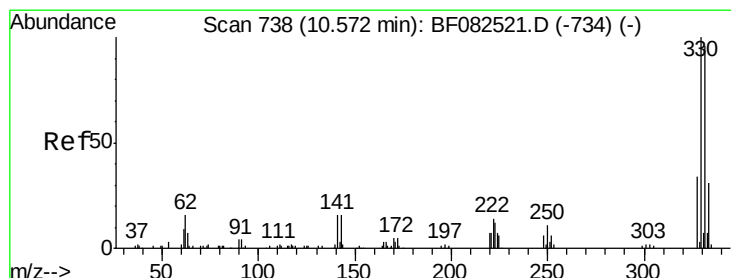
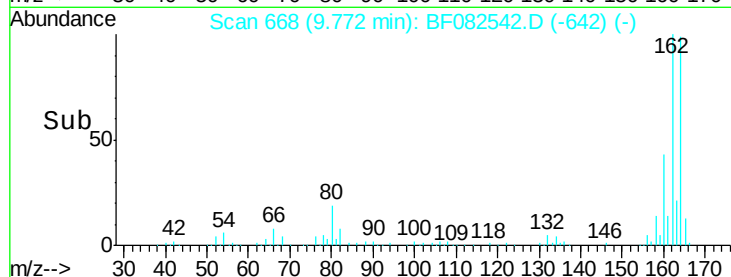
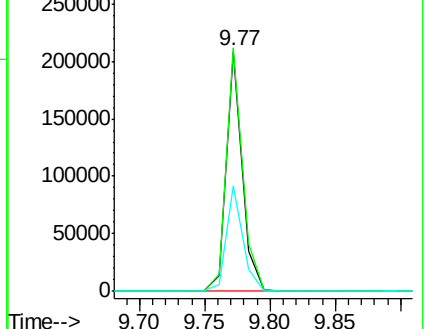
160 43.7 36.0 54.0



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: 102.46 ng

RT: 10.57 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

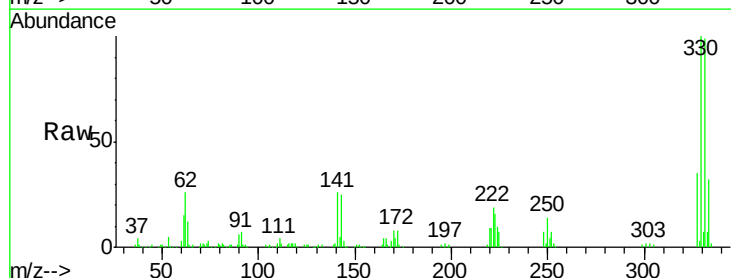
Tgt Ion:330 Resp: 137041

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.0

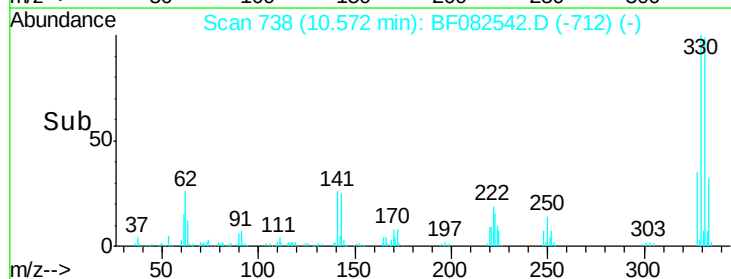
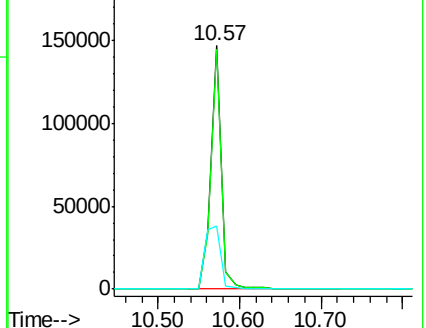
141 40.0 32.5 48.7

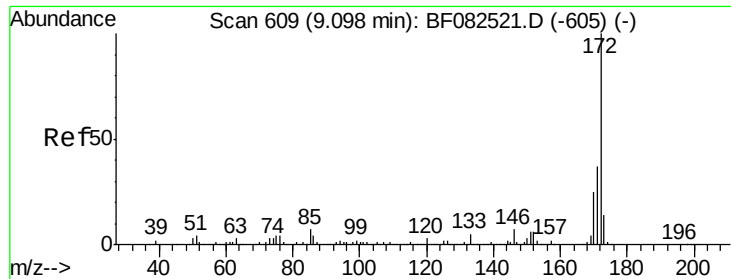


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 75.84 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

Instrument :

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ClientSampleId :

AB-AC-06(0-2)

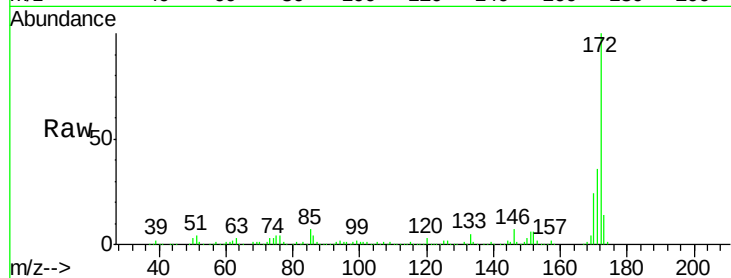
Tot Ion:172 Resp: 851913

Ion Ratio Lower Upper

172 100

171 36.5 29.3 43.9

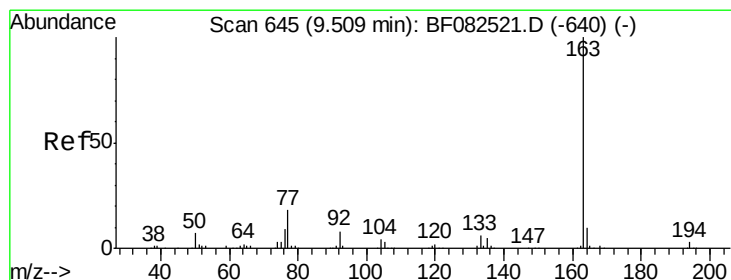
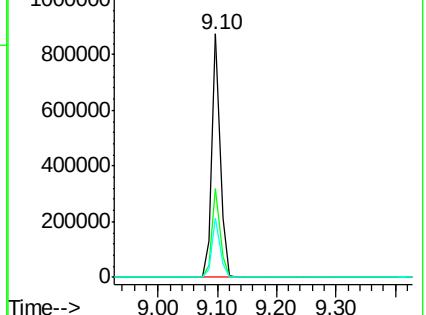
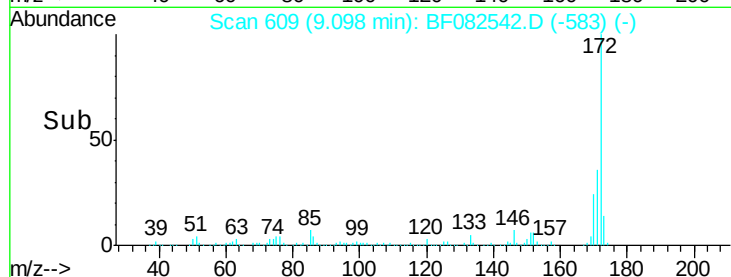
170 24.4 19.8 29.6



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: 16.47 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

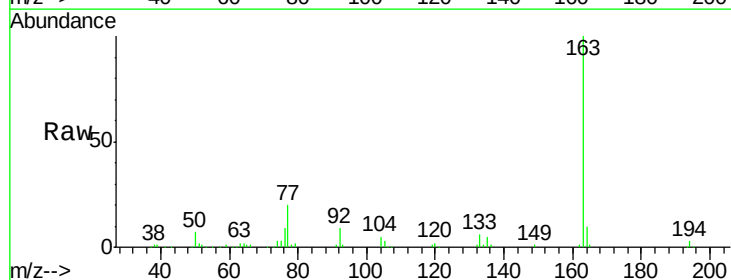
Tgt Ion:163 Resp: 204726

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

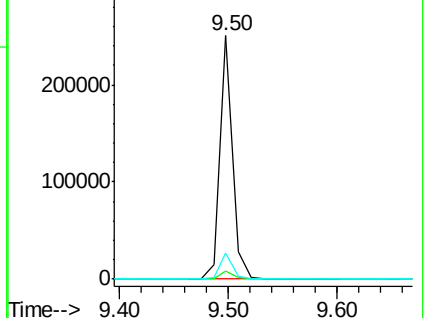
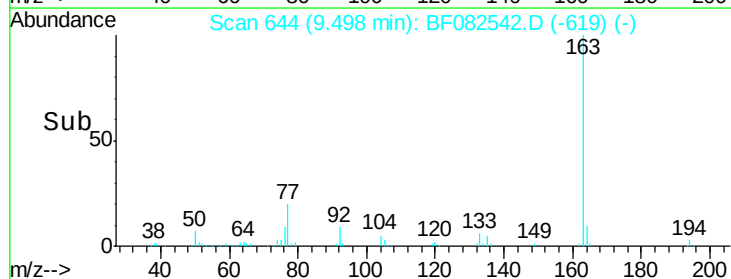
164 10.4 8.2 12.4

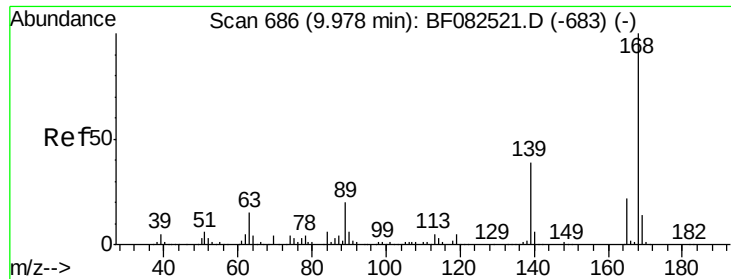


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

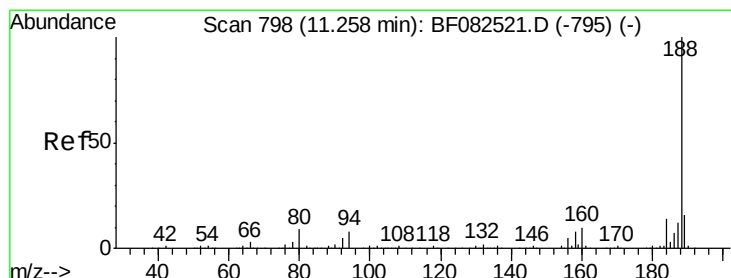
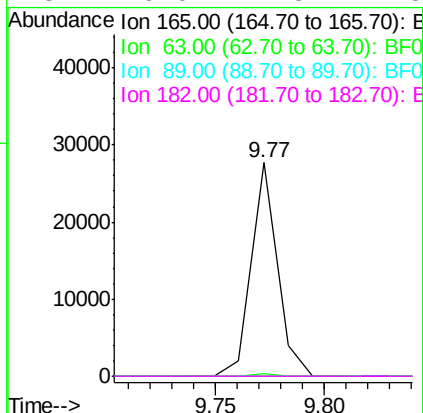
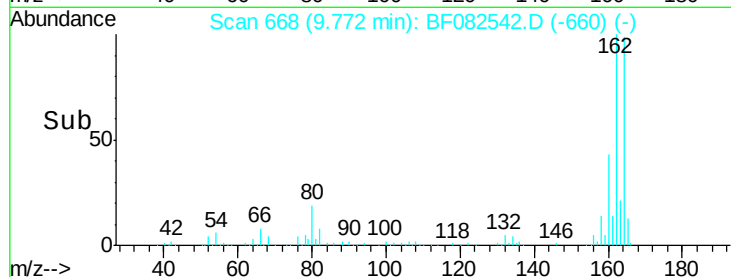
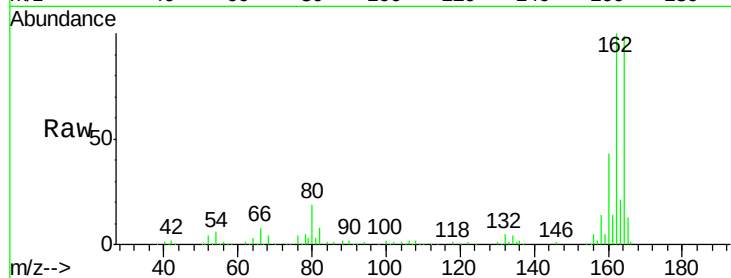




#56
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

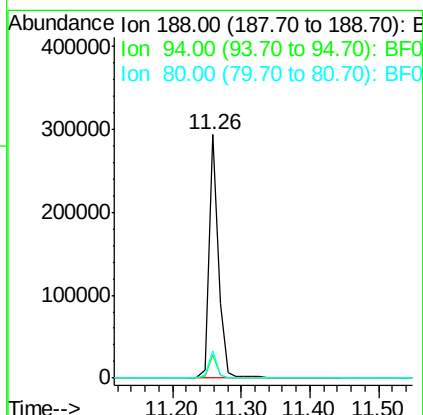
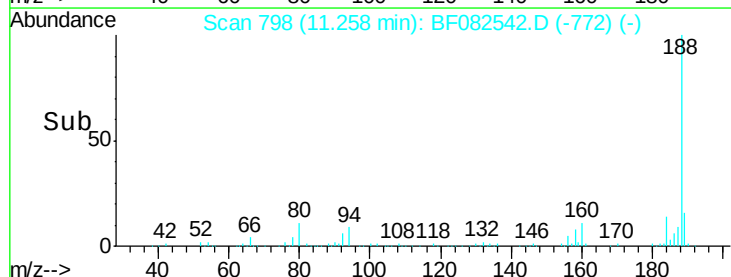
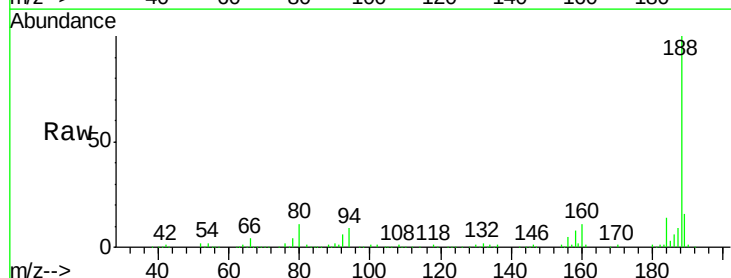
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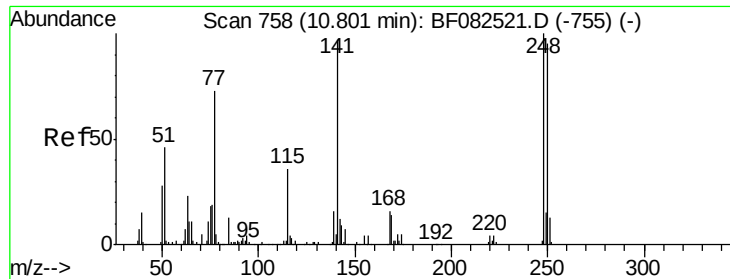
Tot Ion:165 Resp: 23092
 Ion Ratio Lower Upper
 165 100
 63 1.2 58.6 88.0#
 89 0.0 72.3 108.5#
 182 0.0 1.8 2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

Tgt Ion:188 Resp: 283457
 Ion Ratio Lower Upper
 188 100
 94 9.4 6.4 9.6
 80 11.0 7.0 10.6#





#66

4-Bromophenyl-phenylether

Concen: 3.96 ng

RT: 10.57 min Scan# 738

Delta R.T. -0.23 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

Instrument :

BNA_F

ClientSampleId :

AB-AC-06(0-2)

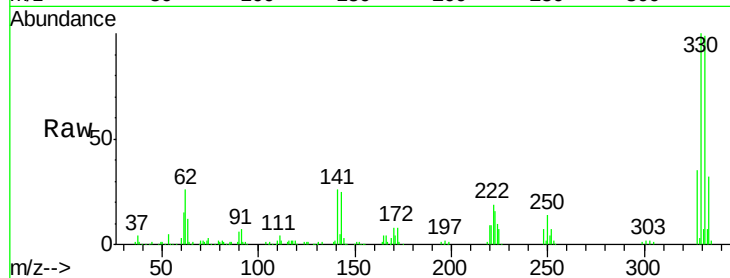
Tot Ion:248 Resp: 10541

Ion Ratio Lower Upper

248 100

250 190.0 76.0 114.0#

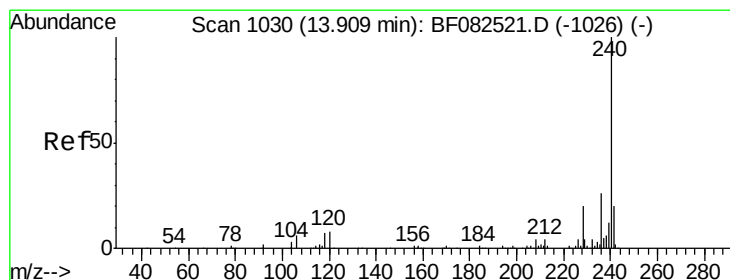
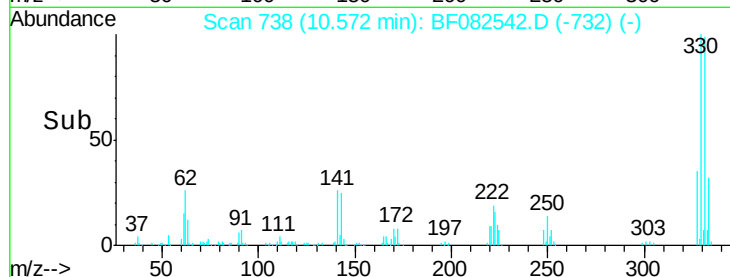
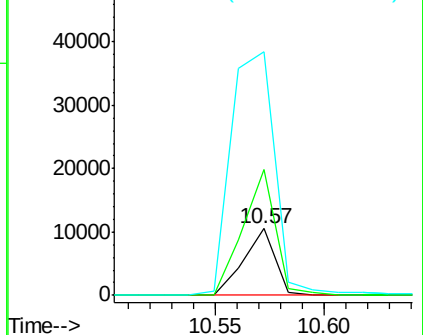
141 366.1 77.5 116.3#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1032

Delta R.T. 0.02 min

Lab File: BF082542.D

Acq: 27 Oct 2015 10:35

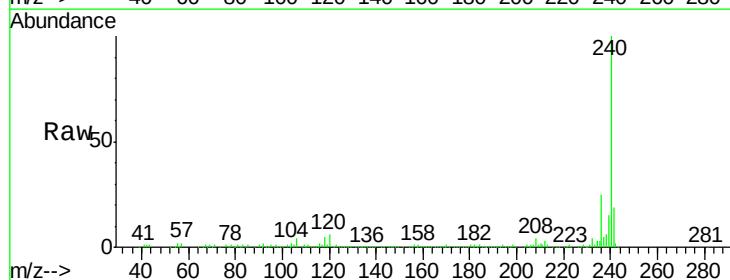
Tgt Ion:240 Resp: 250703

Ion Ratio Lower Upper

240 100

120 5.9 6.5 9.7#

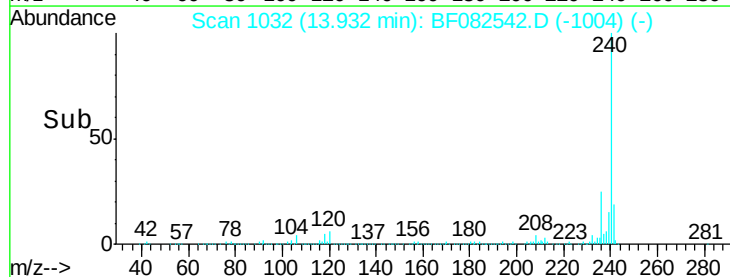
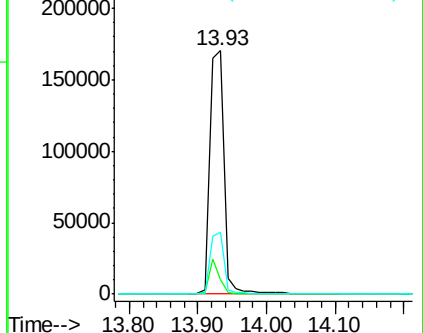
236 25.3 20.5 30.7

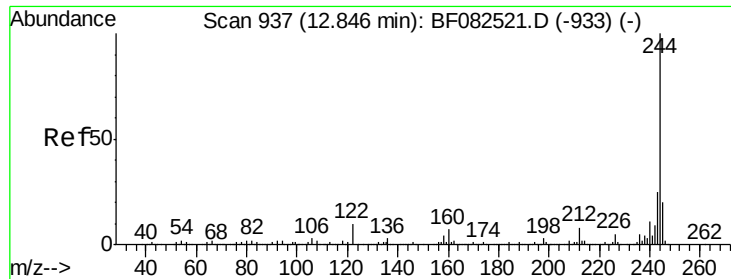


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

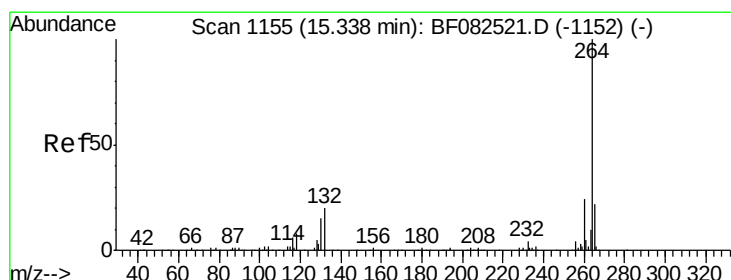
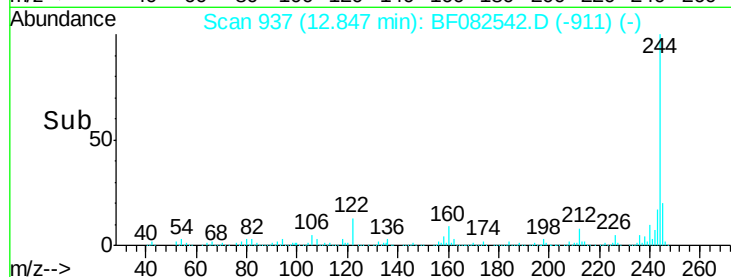
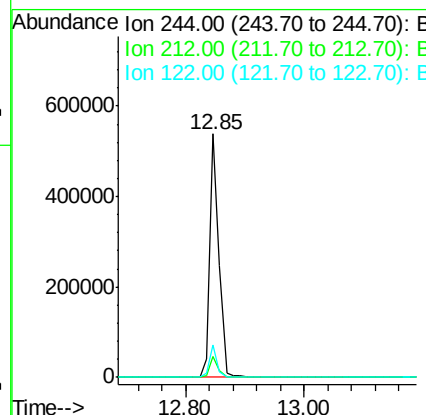
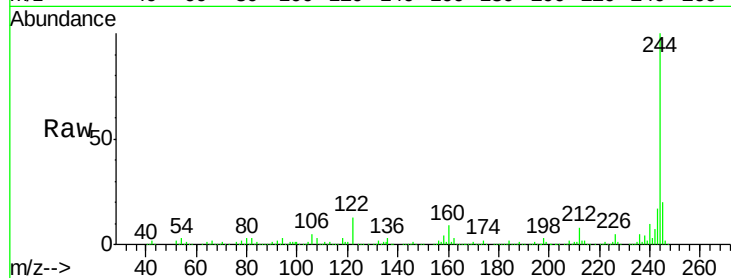




#78
 Terphenyl-d14
 Concen: 67.27 ng
 RT: 12.85 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

Instrument :
 BNA_F
 ClientSampleId :
 AB-AC-06(0-2)

Tot Ion:244 Resp: 585355
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.4 9.6
 122 13.3 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1161
 Delta R.T. 0.07 min
 Lab File: BF082542.D
 Acq: 27 Oct 2015 10:35

Tgt Ion:264 Resp: 193918
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.3 17.8 26.6

