

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082534.D
 Acq On : 27 Oct 2015 6:33
 Operator : UM/IZ
 Sample : G4116-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Quant Time: Oct 27 07:39:53 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

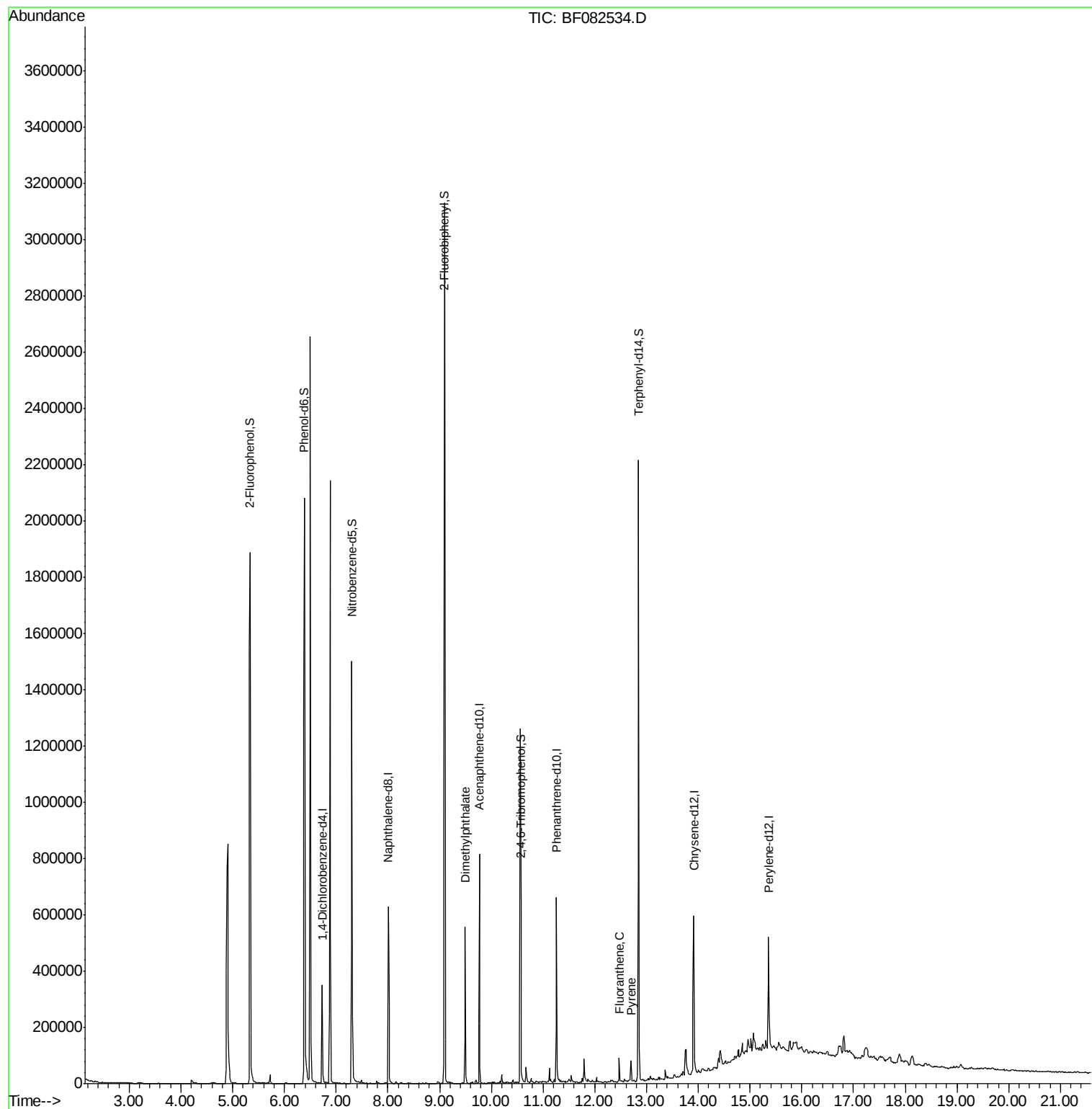
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	88908	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	336880	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	167954	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	265004	20.00	ng	0.00
75) Chrysene-d12	13.91	240	228292	20.00	ng	0.00
86) Perylene-d12	15.36	264	195085	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	761089	168.99	ng	0.02
7) Phenol-d6	6.39	99	979652	166.90	ng	0.01
23) Nitrobenzene-d5	7.30	82	560322	107.30	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	171478	136.34	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1023009	96.86	ng	0.00
78) Terphenyl-d14	12.85	244	711921	89.84	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	248801	21.29	ng	99
74) Fluoranthene	12.47	202	35385	2.53	ng	97
77) Pyrene	12.70	202	32562	2.32	ng	97

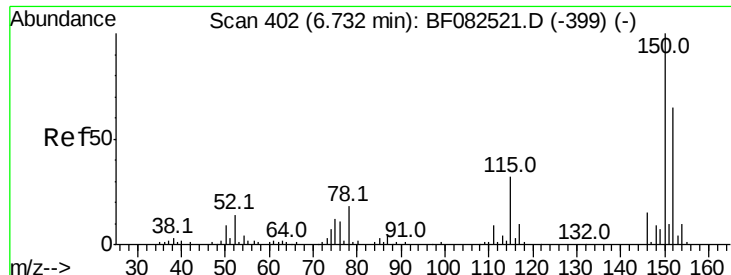
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082534.D

Acq: 27 Oct 2015 6:33

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

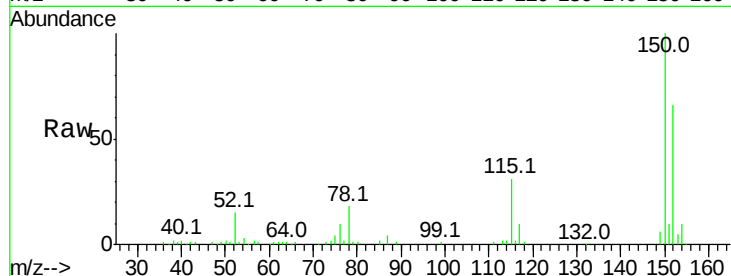
Tot Ion:152 Resp: 88908

Ion Ratio Lower Upper

152 100

150 151.6 123.4 185.0

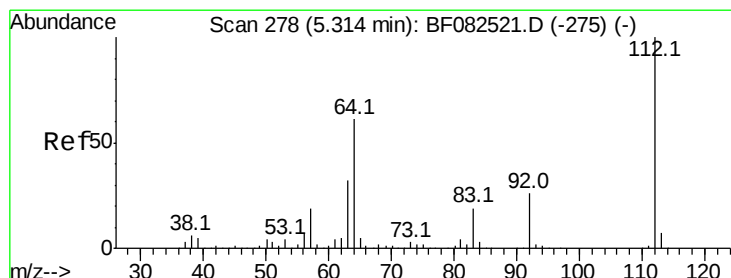
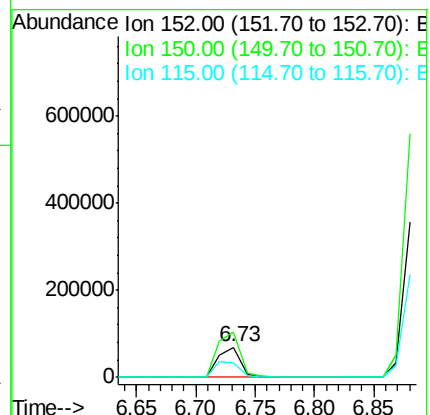
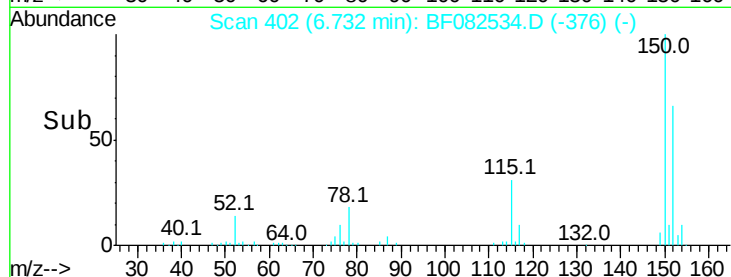
115 47.7 39.0 58.4



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: 168.99 ng

RT: 5.34 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

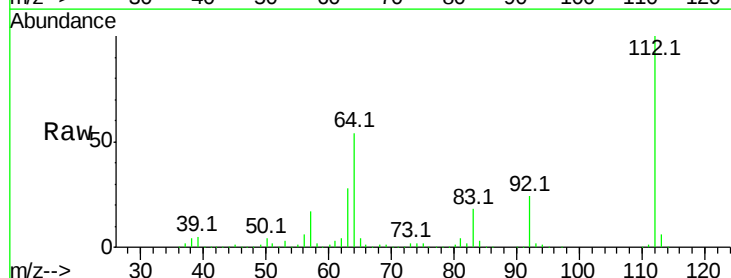
Tgt Ion:112 Resp: 761089

Ion Ratio Lower Upper

112 100

64 53.5 49.0 73.4

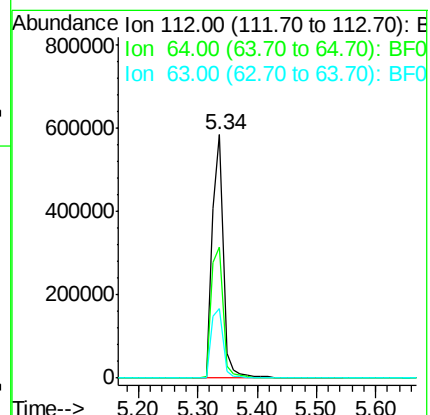
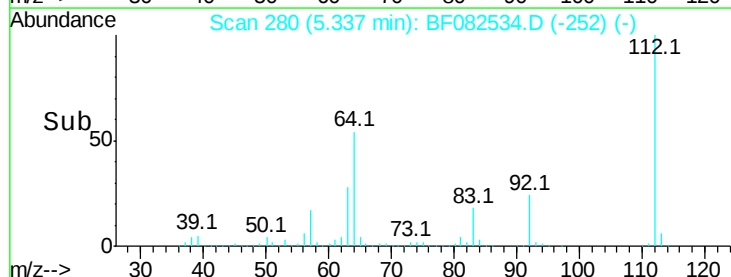
63 28.4 25.8 38.6

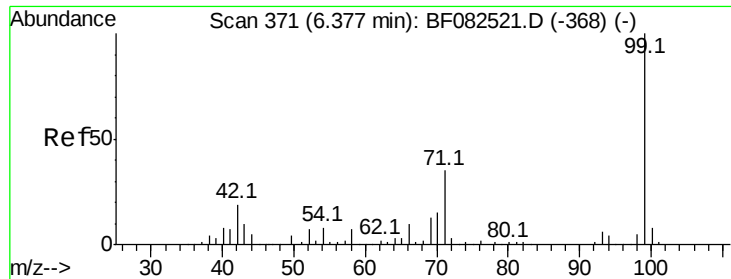


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 166.90 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

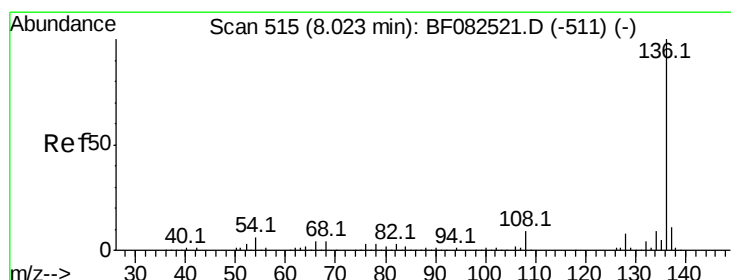
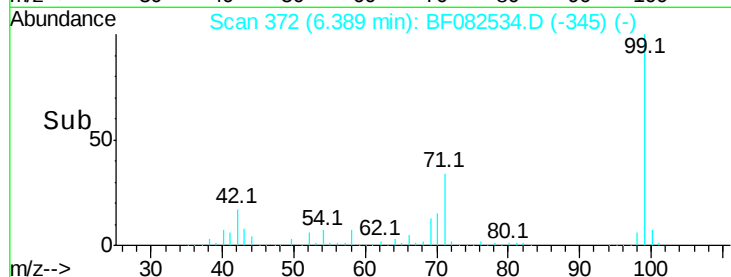
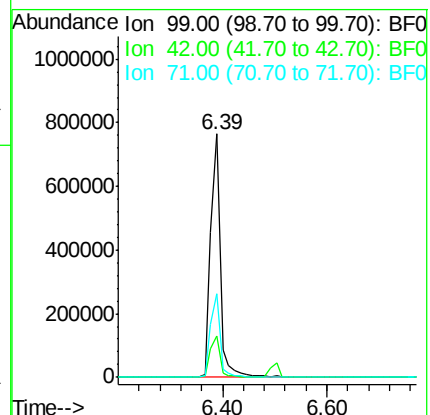
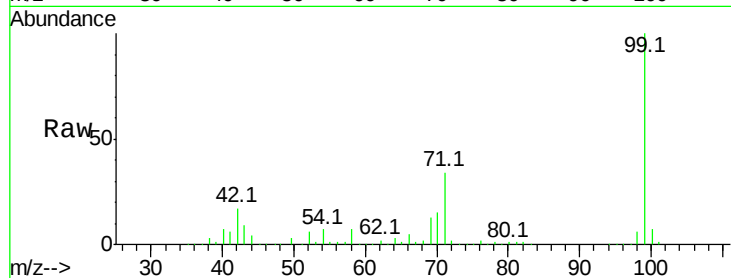
Tot Ion: 99 Resp: 979652

Ion Ratio Lower Upper

99 100

42 16.8 15.1 22.7

71 34.1 28.2 42.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

Tgt Ion: 136 Resp: 336880

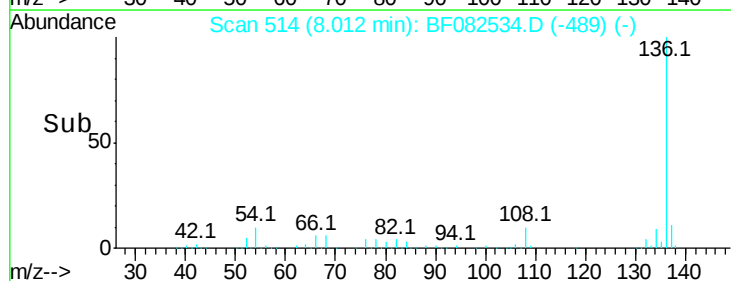
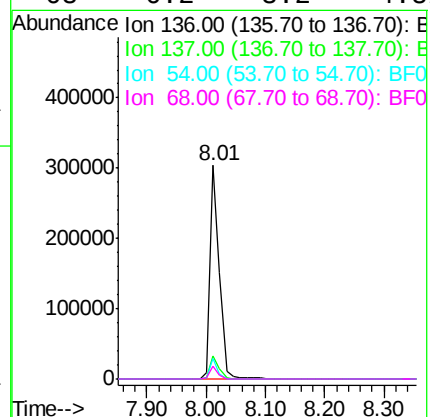
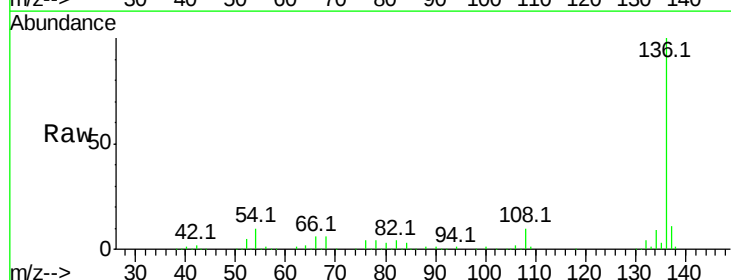
Ion Ratio Lower Upper

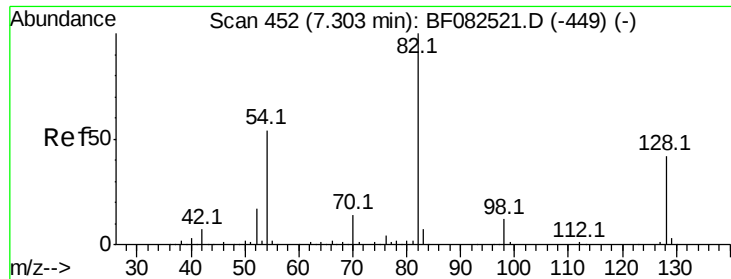
136 100

137 11.1 8.6 13.0

54 9.7 4.6 7.0#

68 6.2 3.2 4.8#

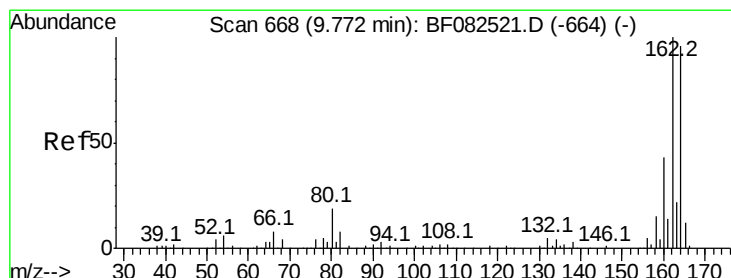
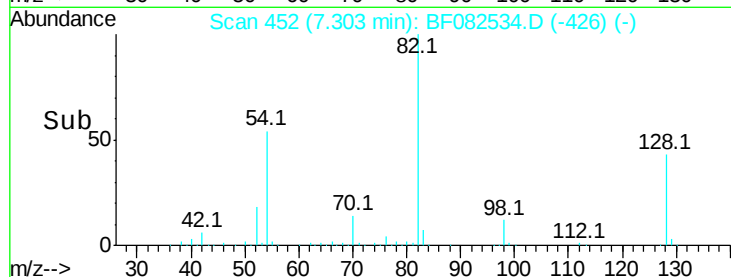
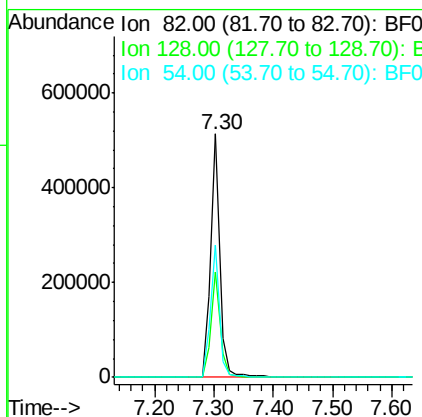
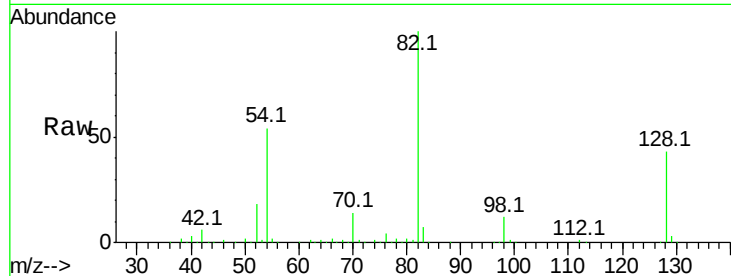




#23
 Nitrobenzene-d5
 Concen: 107.30 ng
 RT: 7.30 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF082534.D
 Acq: 27 Oct 2015 6:33

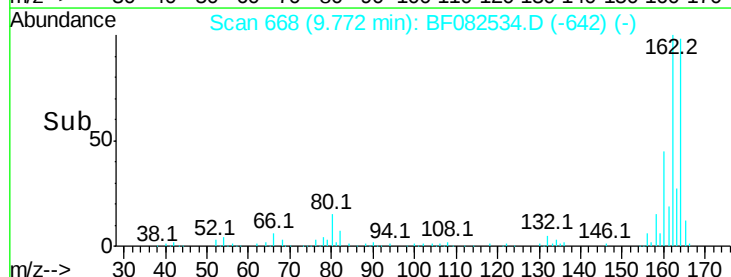
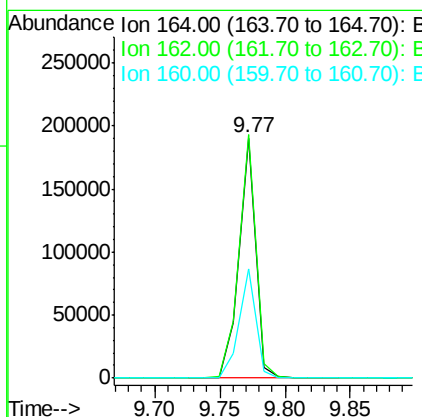
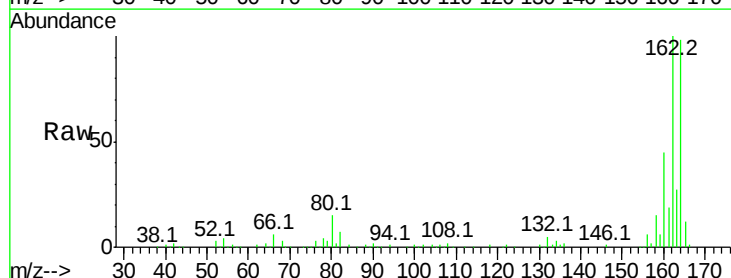
Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

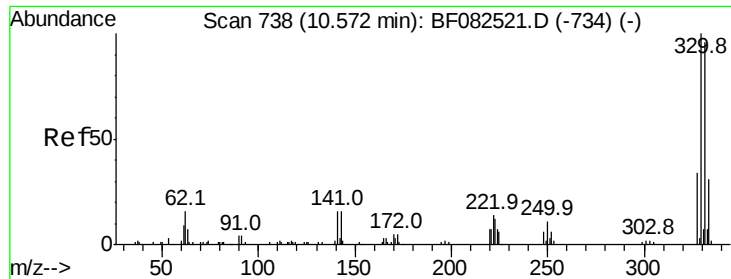
Tot Ion	82	Resp	560322
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.4	50.0
54	54.3	43.5	65.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF082534.D
 Acq: 27 Oct 2015 6:33

Tgt Ion	164	Resp	167954
Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.6	125.4
160	45.7	36.0	54.0

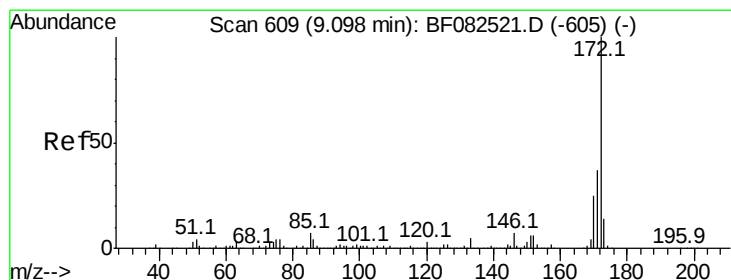
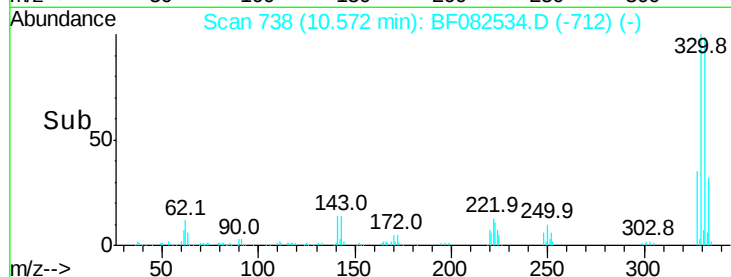
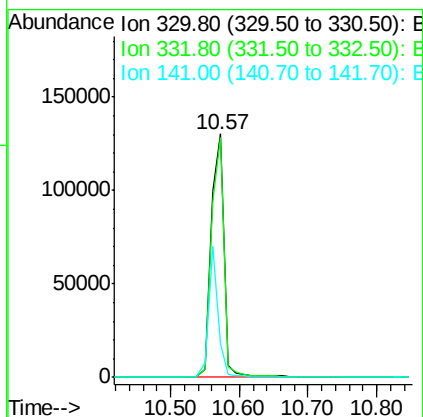
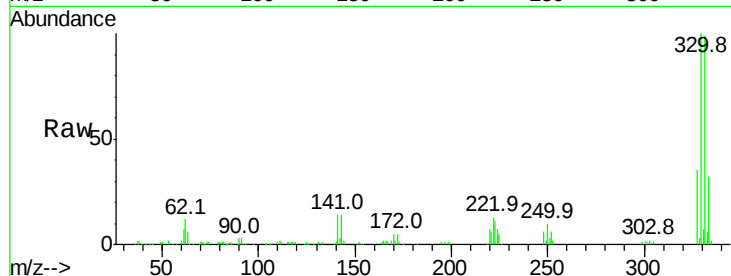




#41
 2,4,6-Tribromophenol
 Concen: 136.34 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082534.D
 Acq: 27 Oct 2015 6:33

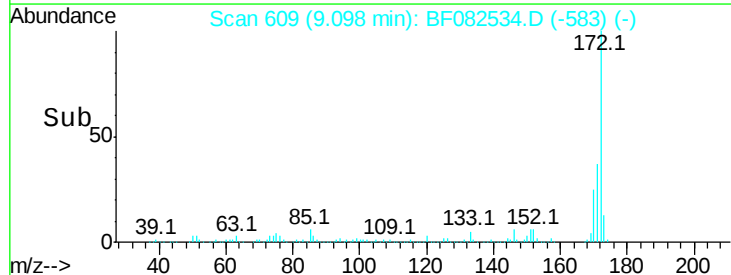
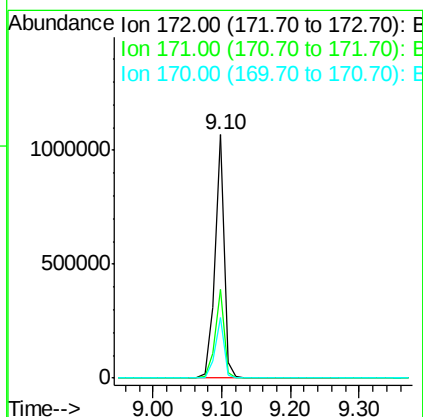
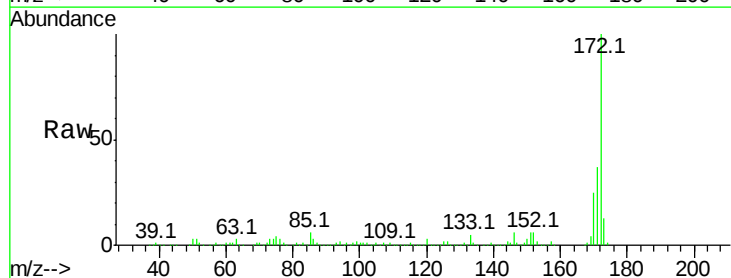
Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

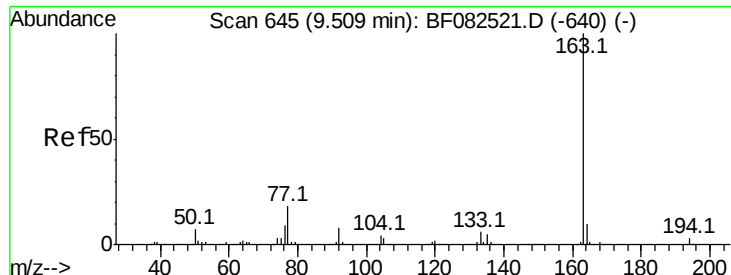
Tot Ion:330 Resp: 171478
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.0
 141 40.4 32.5 48.7



#44
 2-Fluorobiphenyl
 Concen: 96.86 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF082534.D
 Acq: 27 Oct 2015 6:33

Tgt Ion:172 Resp: 1023009
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.8 19.8 29.6





#49

Dimethylphthalate

Concen: 21.29 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

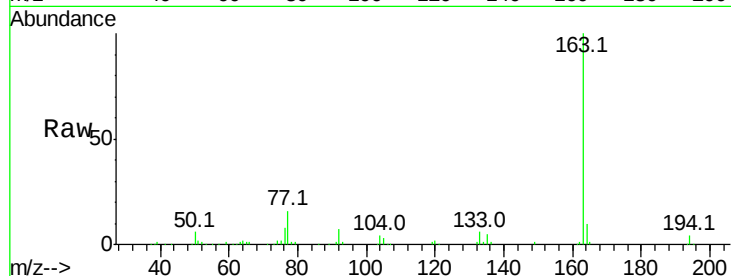
Tot Ion:163 Resp: 248801

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

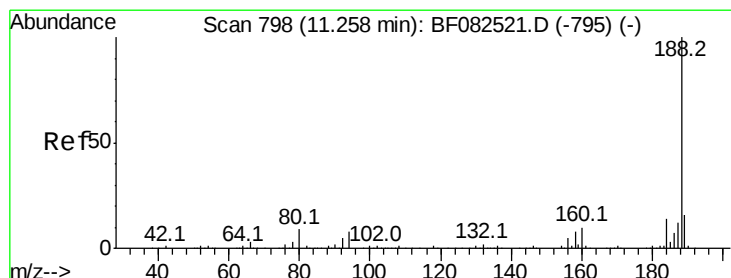
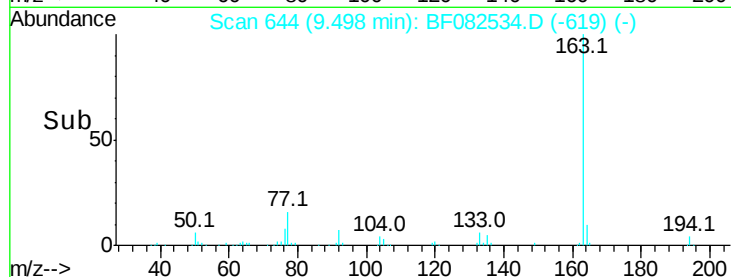
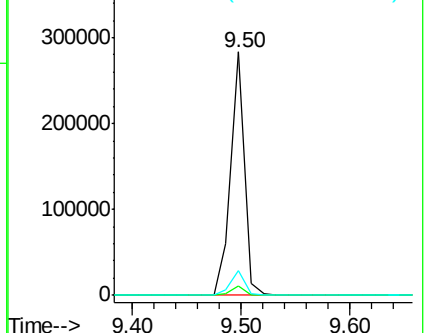
164 10.0 8.2 12.4



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: BF082534.D

Acq: 27 Oct 2015 6:33

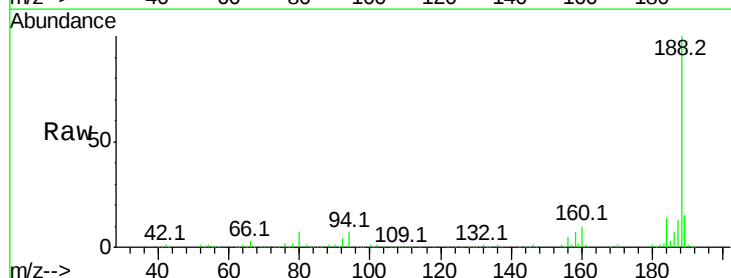
Tgt Ion:188 Resp: 265004

Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

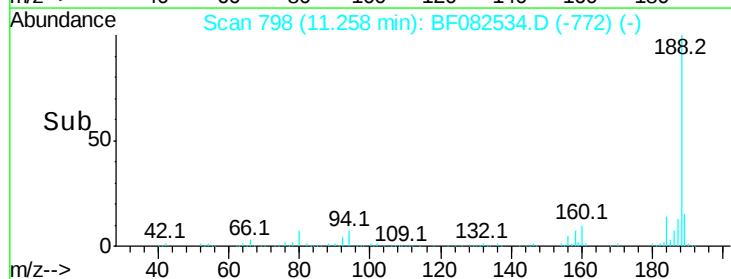
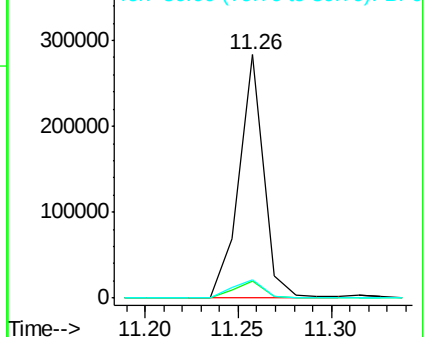
80 7.4 7.0 10.6

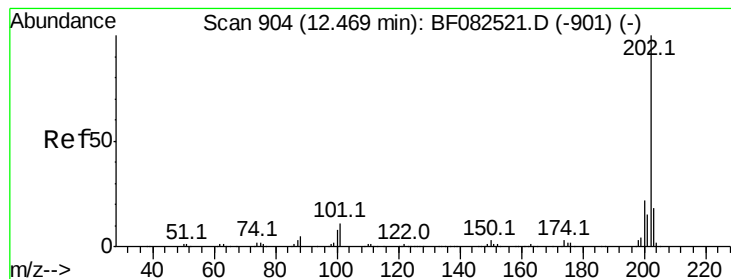


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.53 ng

RT: 12.47 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

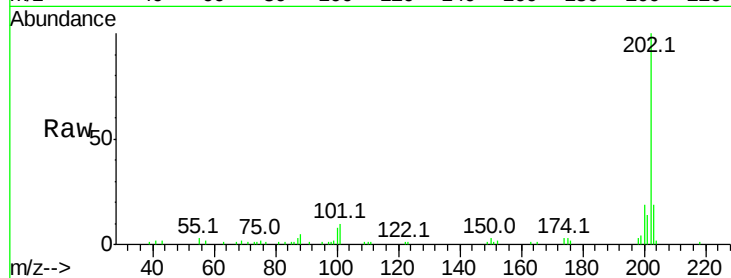
Tot Ion:202 Resp: 35385

Ion Ratio Lower Upper

202 100

101 9.7 0.0 31.2

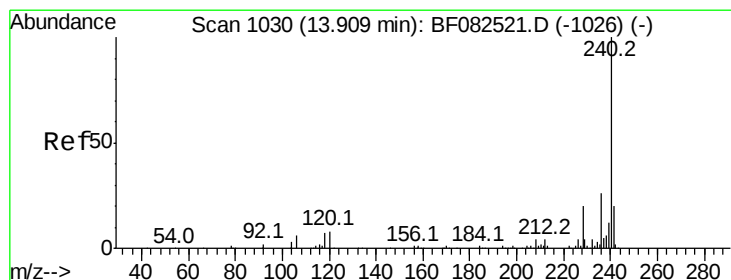
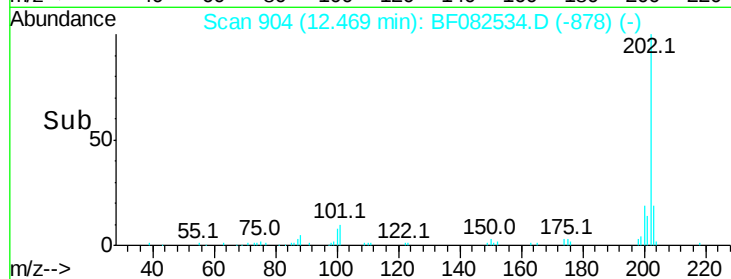
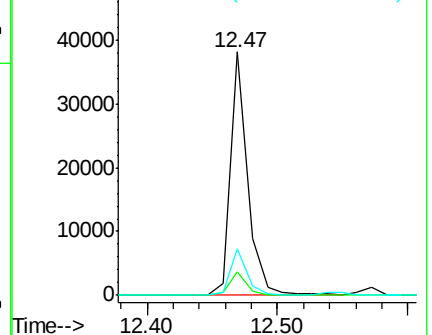
203 19.1 0.0 38.1



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: BF082534.D

Acq: 27 Oct 2015 6:33

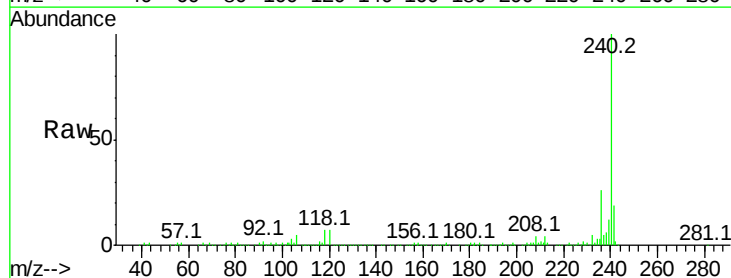
Tgt Ion:240 Resp: 228292

Ion Ratio Lower Upper

240 100

120 7.4 6.5 9.7

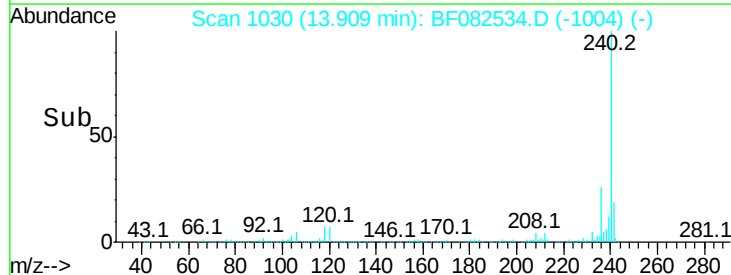
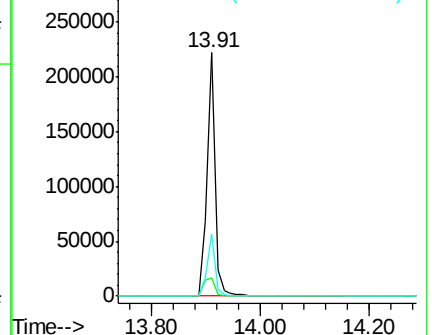
236 25.7 20.5 30.7

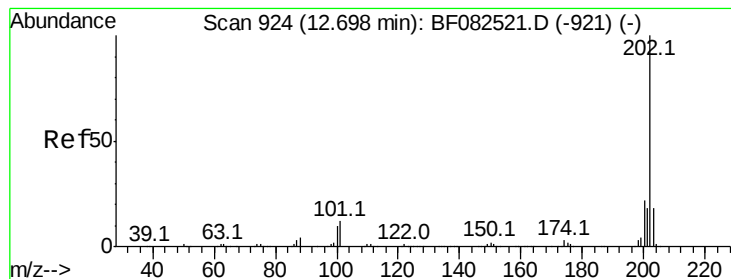


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.32 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

Instrument :

BNA_F

ClientSampleId :

BT-01(0-2)

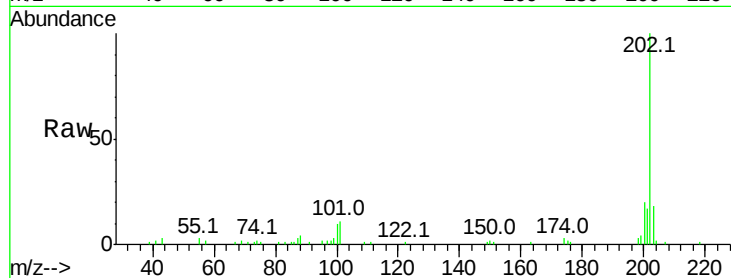
Tot Ion:202 Resp: 32562

Ion Ratio Lower Upper

202 100

200 20.1 17.6 26.4

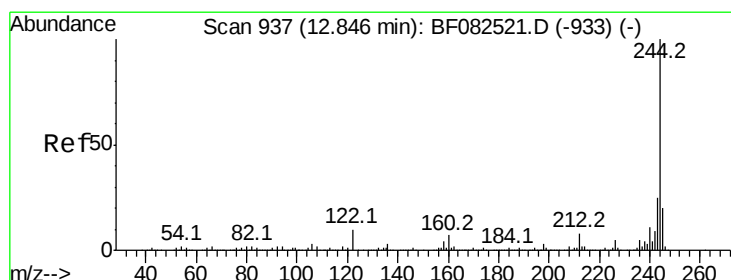
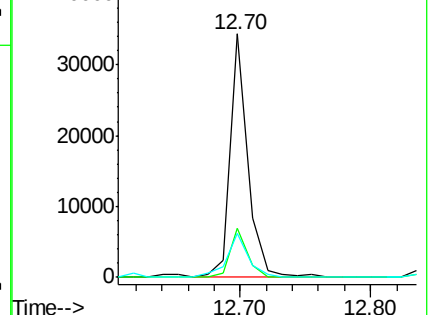
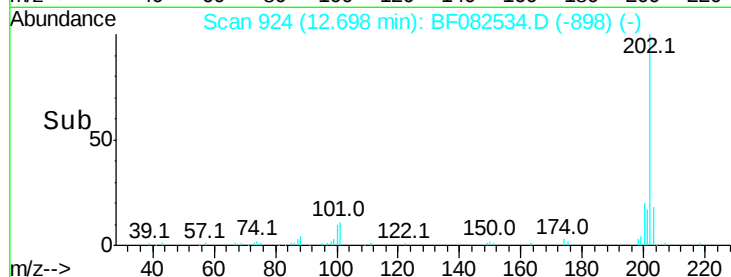
203 17.8 14.6 22.0



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: 89.84 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF082534.D

Acq: 27 Oct 2015 6:33

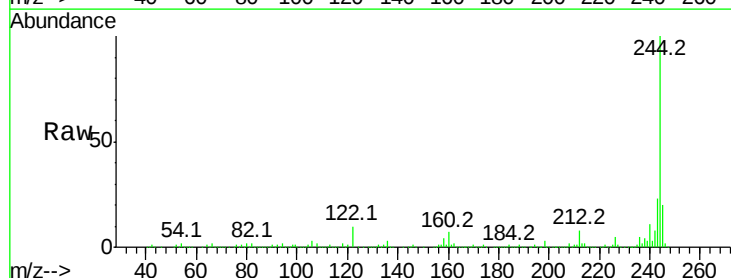
Tgt Ion:244 Resp: 711921

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

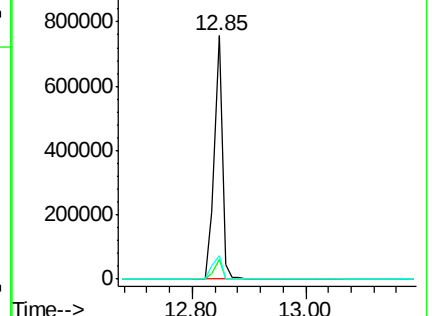
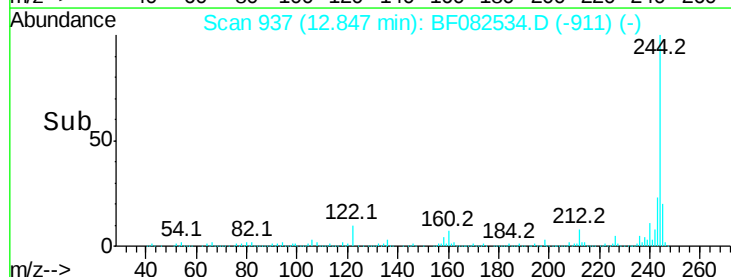
122 9.6 8.1 12.1

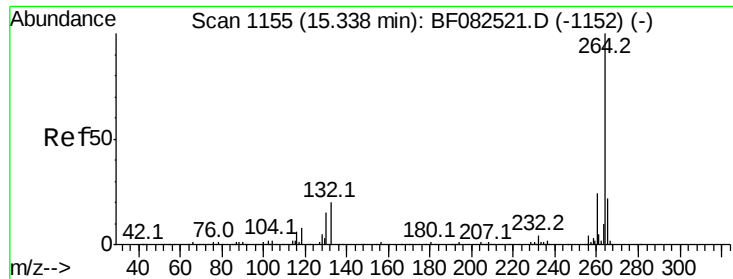


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1157
 Delta R.T. 0.02 min
 Lab File: BF082534.D
 Acq: 27 Oct 2015 6:33

Instrument :
 BNA_F
 ClientSampleId :
 BT-01(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	22.2	17.8	26.6

