

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082854.D
 Acq On : 10 Nov 2015 5:14
 Operator : UM/IZ
 Sample : G4306-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E1-2

Quant Time: Nov 10 05:54:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

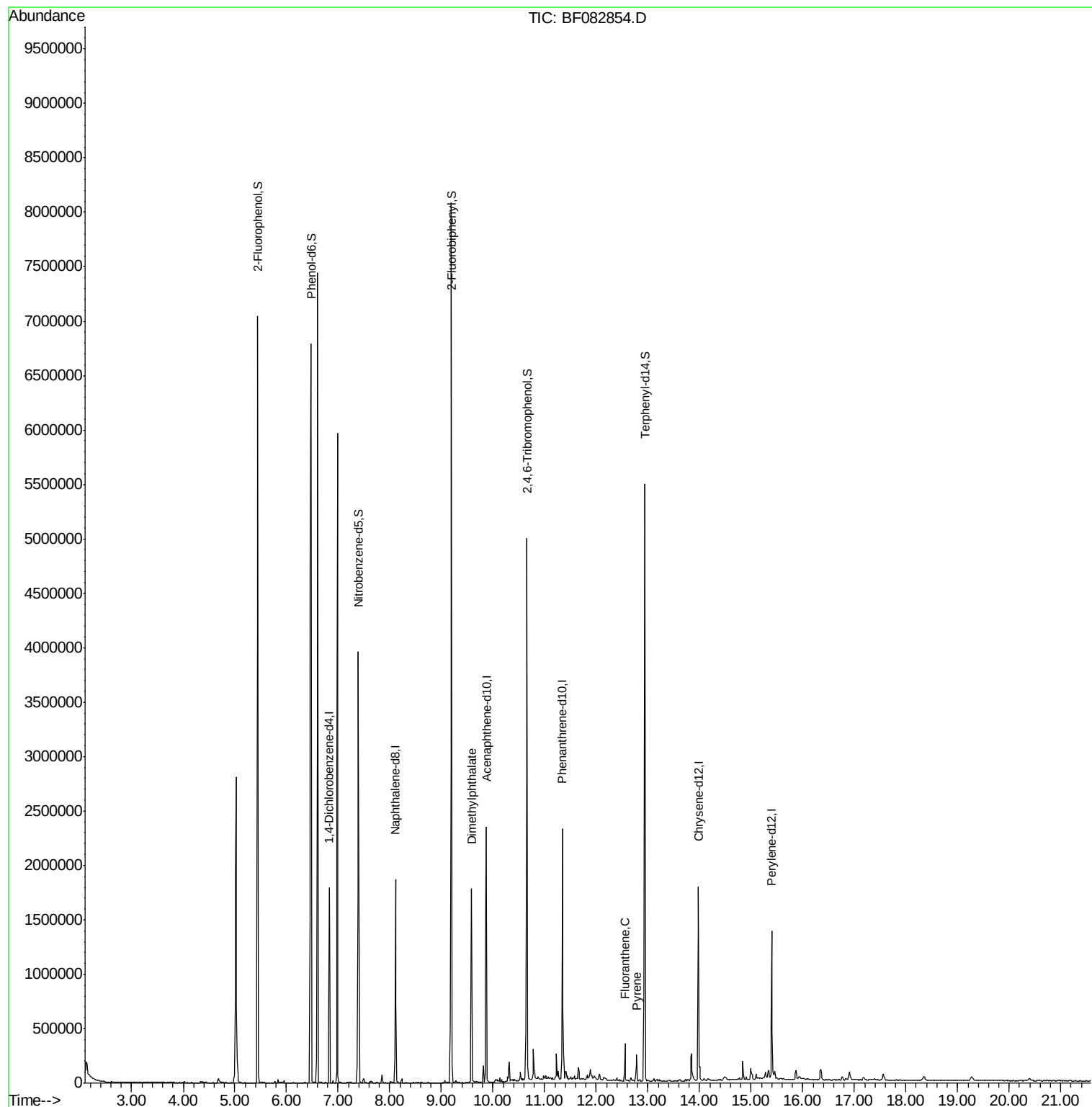
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263766	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	927300	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	503132	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	859784	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	798934	20.00	ng	-0.03
86) Perylene-d12	15.40	264	614627	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2169692	127.99	ng	0.00
7) Phenol-d6	6.48	99	3042217	134.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	1802518	84.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	668207	115.83	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2499390	71.20	ng	-0.02
78) Terphenyl-d14	12.94	244	2593503	76.99	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	675176	16.38	ng	99
74) Fluoranthene	12.56	202	138630	2.59	ng	96
77) Pyrene	12.78	202	119957	2.19	ng	95

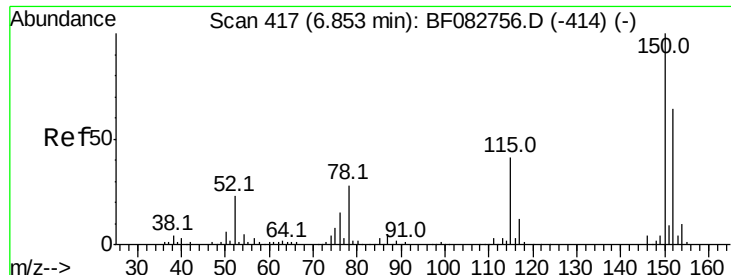
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 07 02:32:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

E1-2

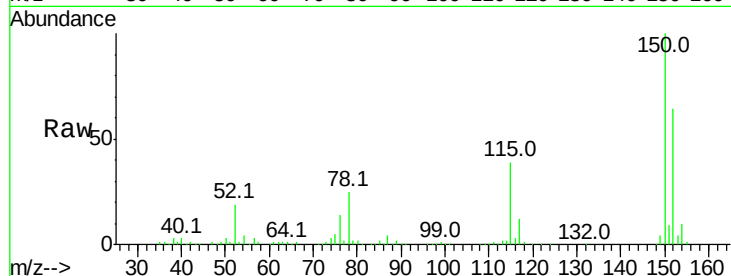
Tot Ion:152 Resp: 263766

Ion Ratio Lower Upper

152 100

150 155.1 127.0 190.4

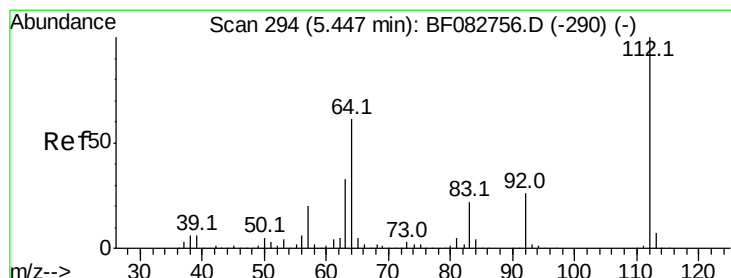
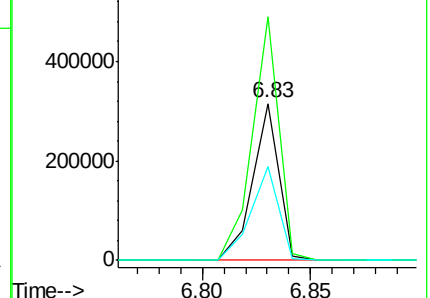
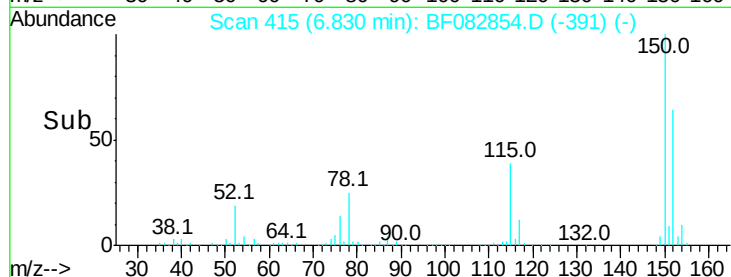
115 59.7 47.0 70.6



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: 127.99 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

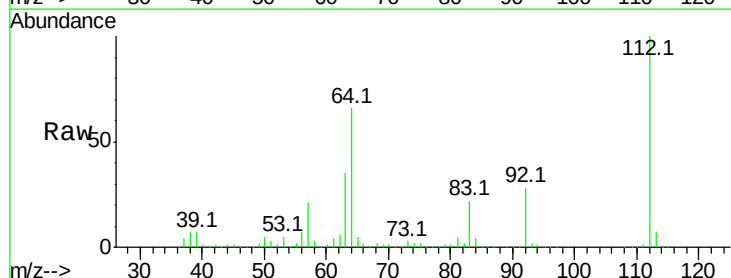
Tgt Ion:112 Resp: 2169692

Ion Ratio Lower Upper

112 100

64 65.7 48.9 73.3

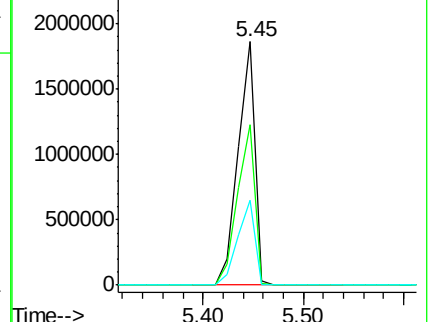
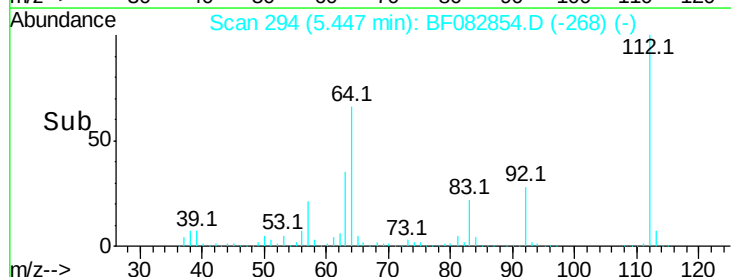
63 35.1 28.1 42.1

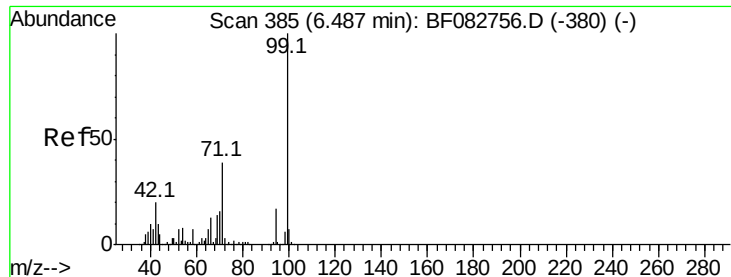


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 134.99 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

Instrument :

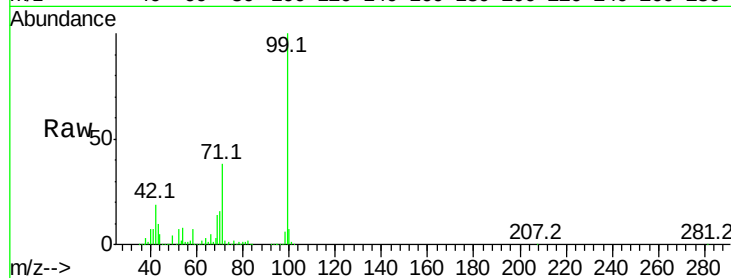
BNA_F

ClientSampleId :

E1-2

Tot Ion: 99 Resp: 3042217

Ion	Ratio	Lower	Upper
99	100		
42	19.4	19.2	28.8
71	37.8	35.0	52.4

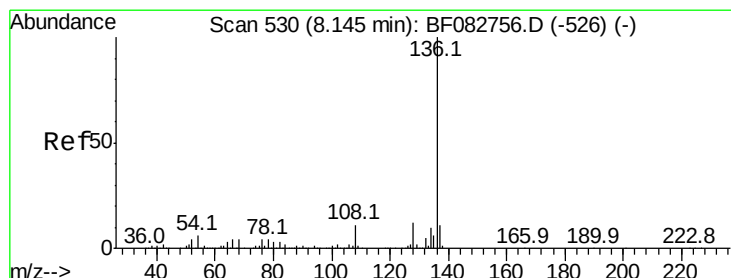
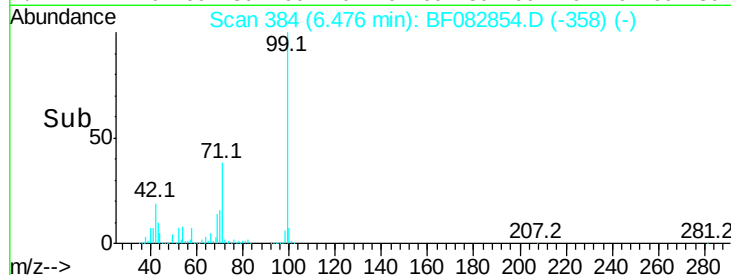
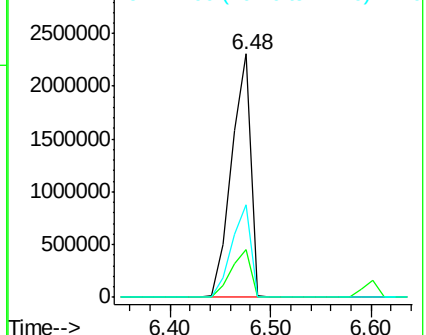


Abundance

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

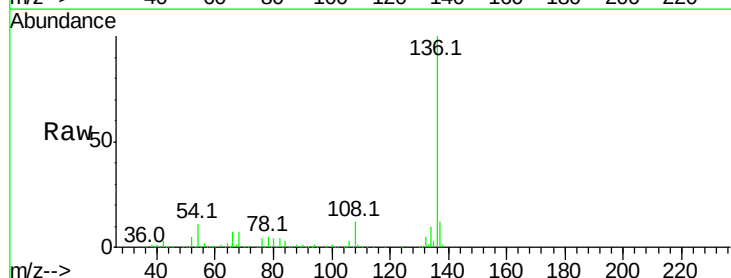
Delta R.T. -0.03 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

Tgt Ion: 136 Resp: 927300

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.7	9.1	13.7
68	7.5	4.8	7.2#



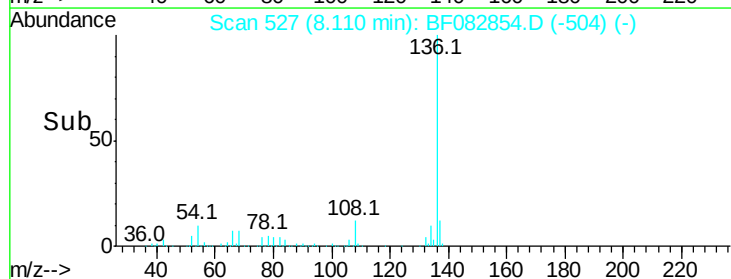
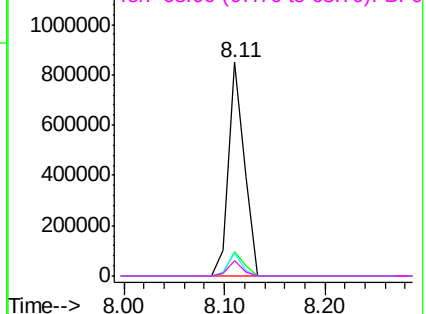
Abundance

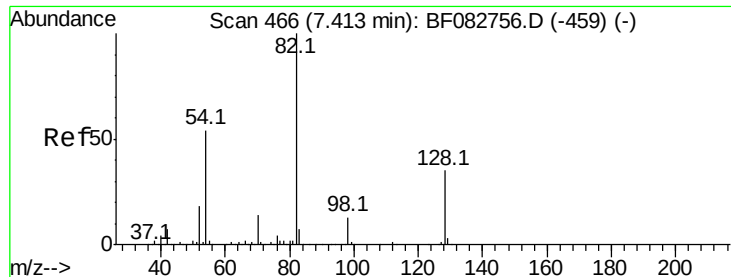
Ion 136.00 (135.70 to 136.70): E

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



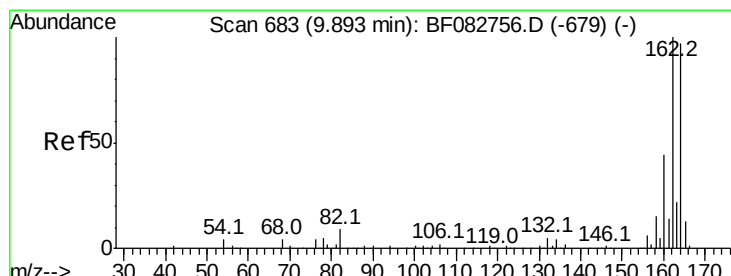
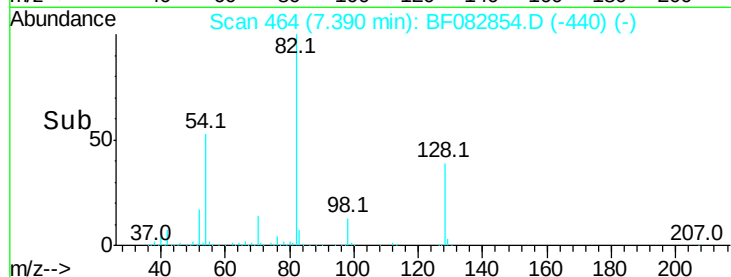
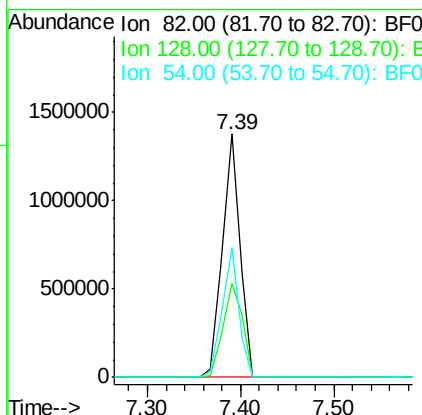
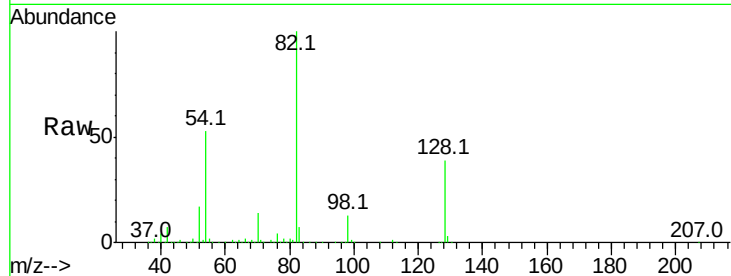


#23
 Nitrobenzene-d5
 Concen: 84.58 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

Instrument :
 BNA_F
 ClientSampled :
 E1-2

Tot Ion: 82 Resp: 1802518

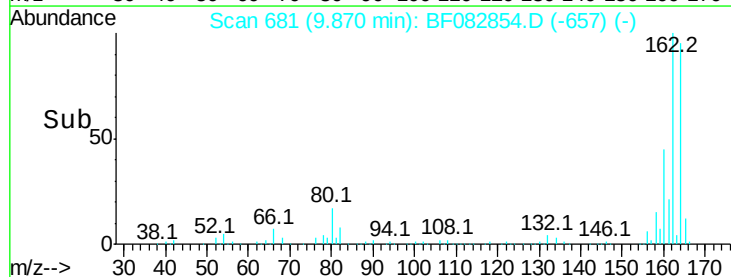
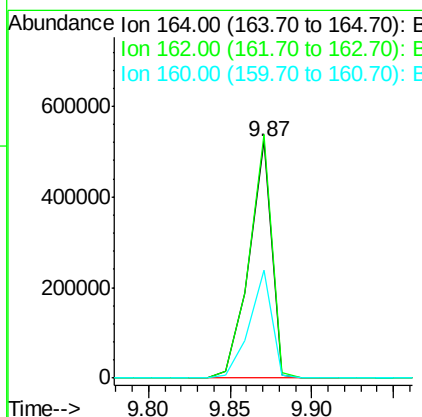
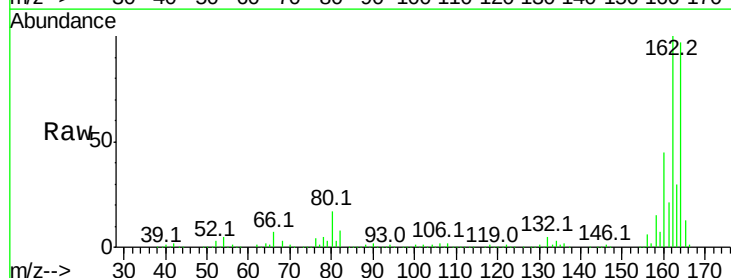
Ion	Ratio	Lower	Upper
82	100		
128	38.6	26.8	40.2
54	53.1	45.7	68.5

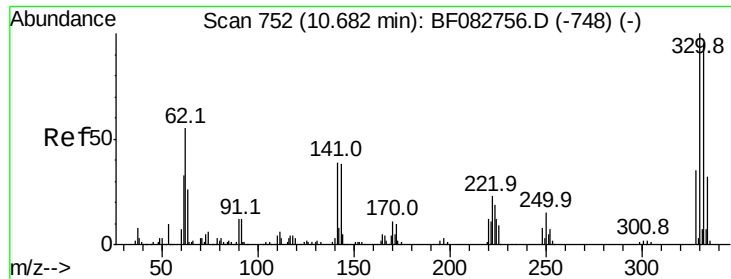


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

Tgt Ion: 164 Resp: 503132

Ion	Ratio	Lower	Upper
164	100		
162	102.8	84.9	127.3
160	45.8	37.5	56.3

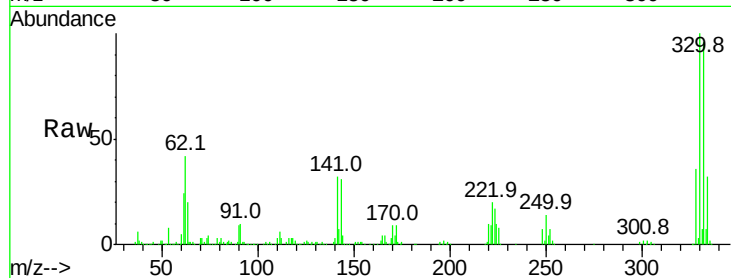




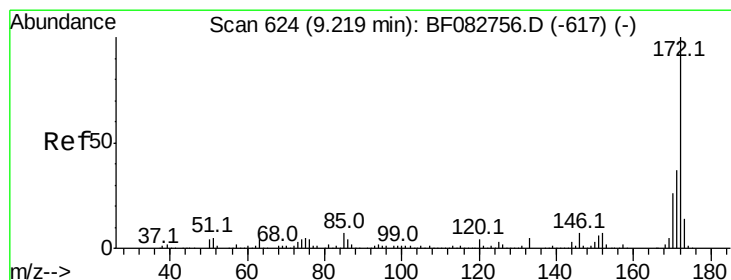
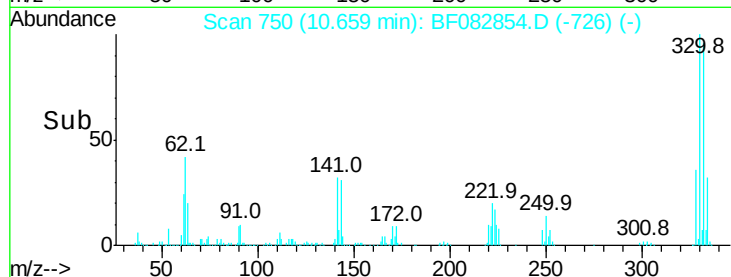
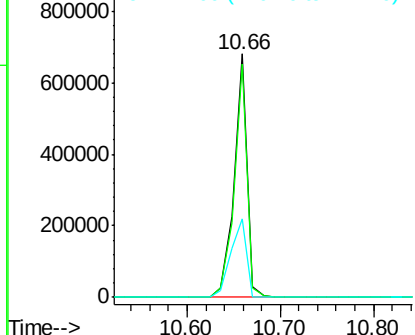
#41
 2,4,6-Tribromophenol
 Concen: 115.83 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

Instrument :
 BNA_F
 ClientSampleId :
 E1-2

Tot Ion:330 Resp: 668207
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 114.8
 141 39.7 41.2 61.8#

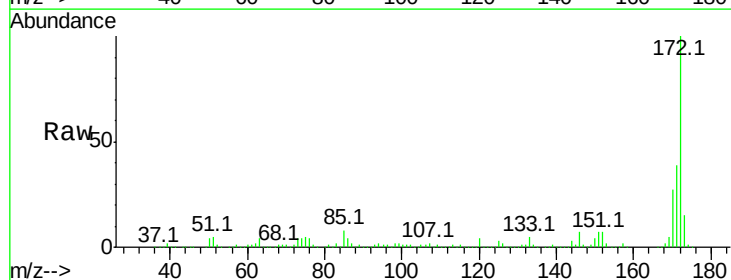


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

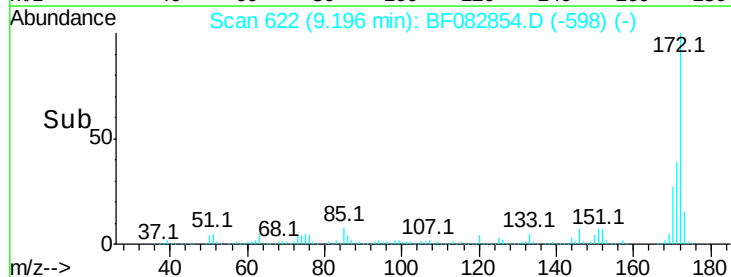
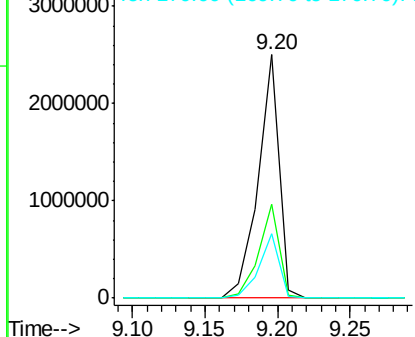


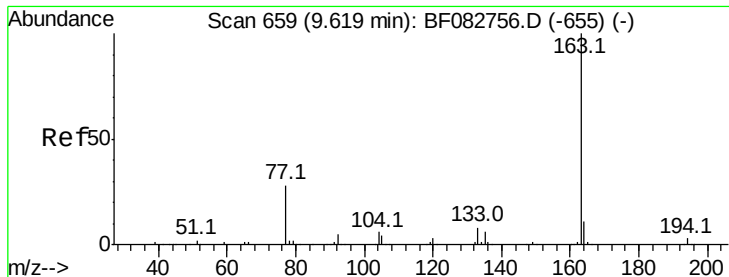
#44
 2-Fluorobiphenyl
 Concen: 71.20 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

Tgt Ion:172 Resp: 2499390
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.8 46.2
 170 26.7 21.2 31.8



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: 16.38 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

E1-2

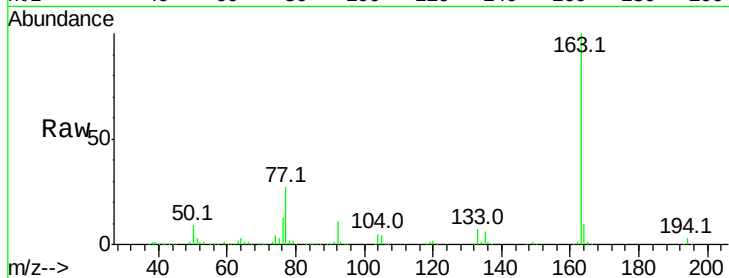
Tot Ion:163 Resp: 675176

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

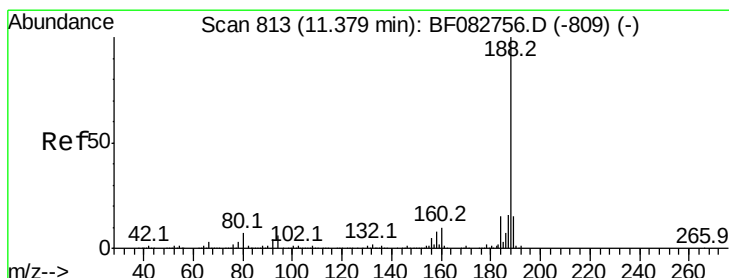
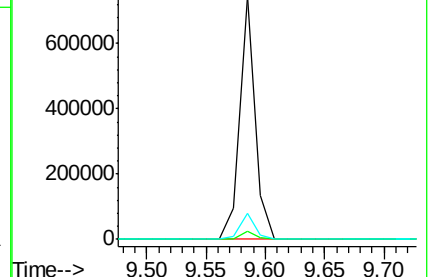
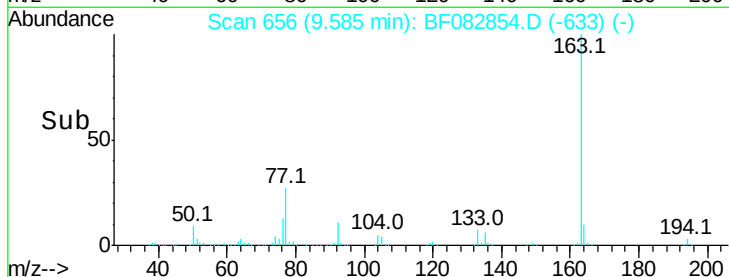
164 10.5 8.7 13.1



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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

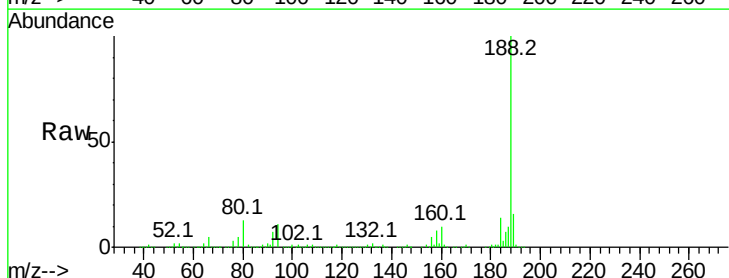
Tgt Ion:188 Resp: 859784

Ion Ratio Lower Upper

188 100

94 11.3 6.1 9.1#

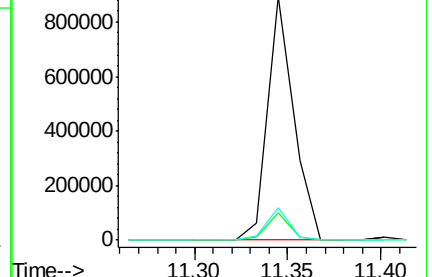
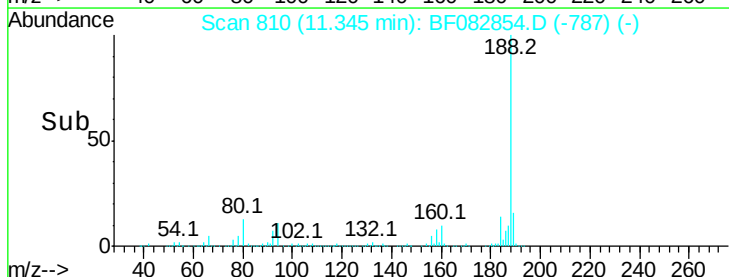
80 13.2 7.0 10.6#

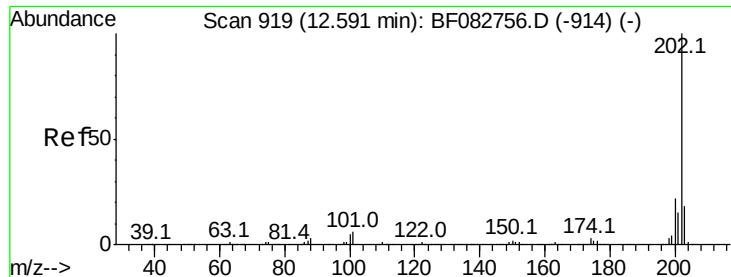


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.59 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

Instrument :

BNA_F

ClientSampleId :

E1-2

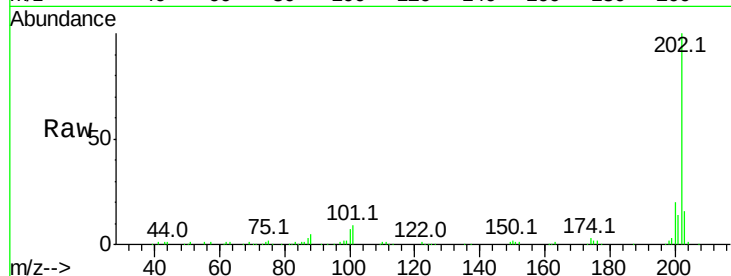
Tot Ion:202 Resp: 138630

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.5

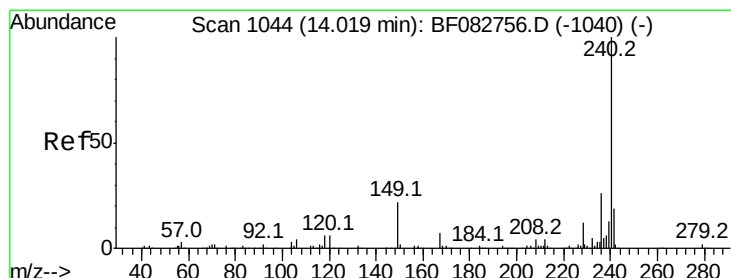
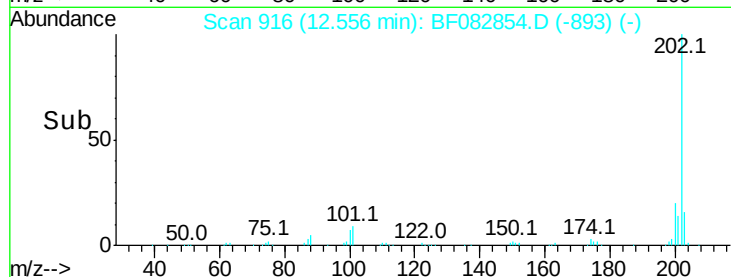
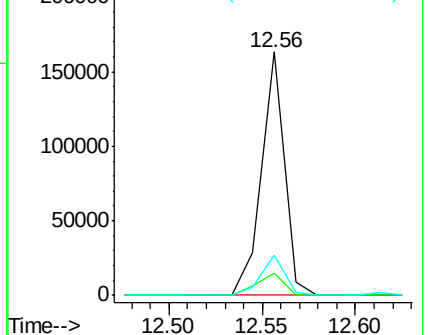
203 16.3 0.0 38.5



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082854.D

Acq: 10 Nov 2015 5:14

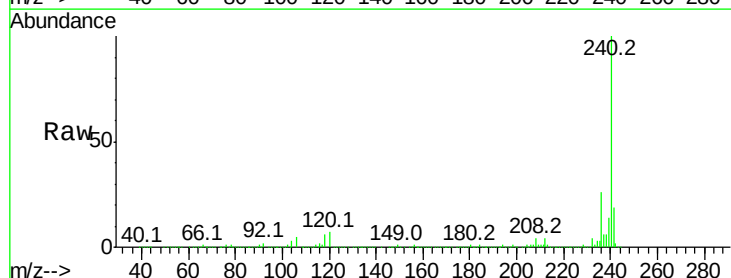
Tgt Ion:240 Resp: 798934

Ion Ratio Lower Upper

240 100

120 6.7 10.9 16.3#

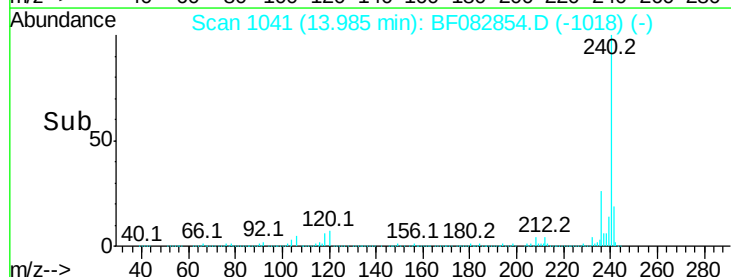
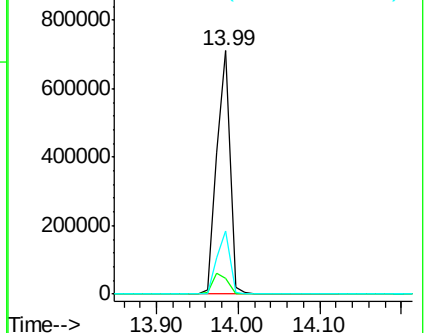
236 25.8 21.6 32.4

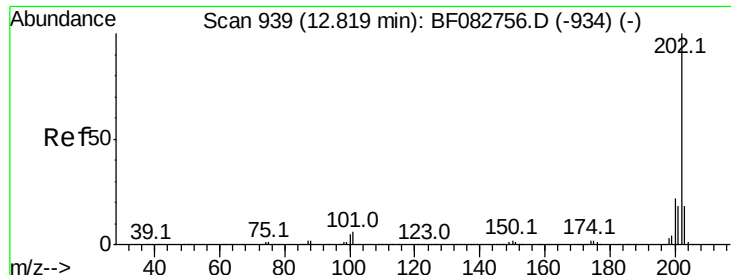


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

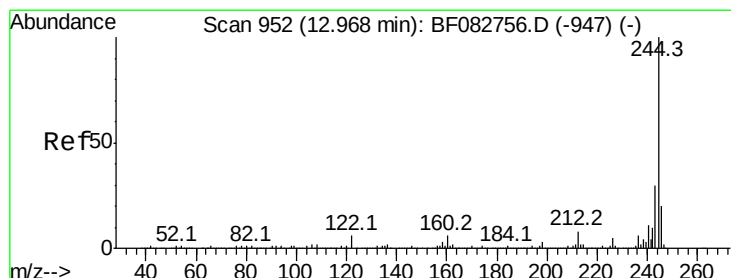
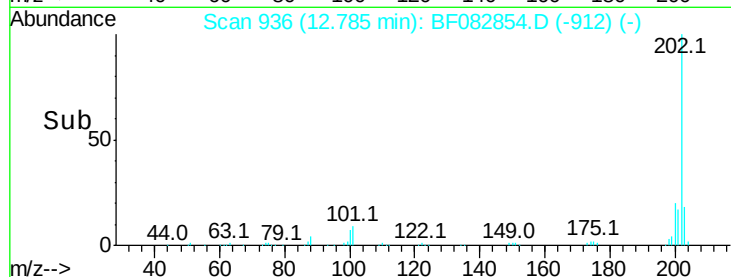
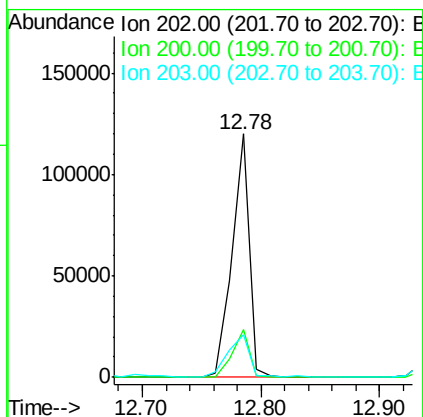
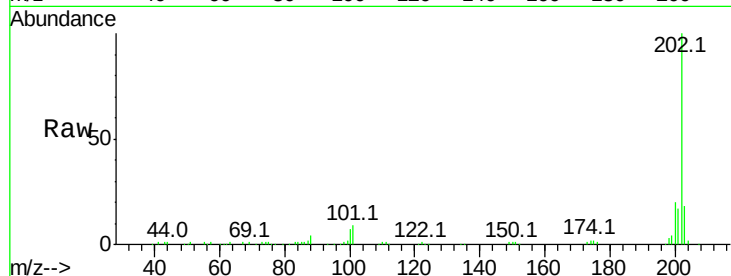




#77
 Pvrene
 Concen: 2.19 ng
 RT: 12.78 min Scan# 936
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

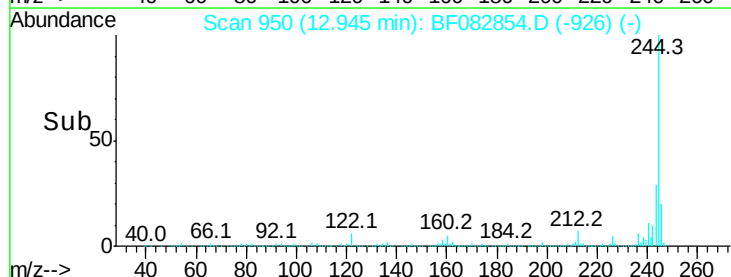
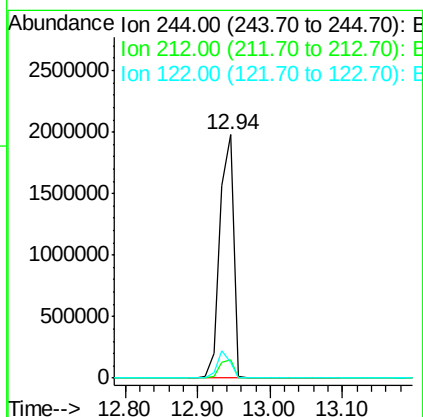
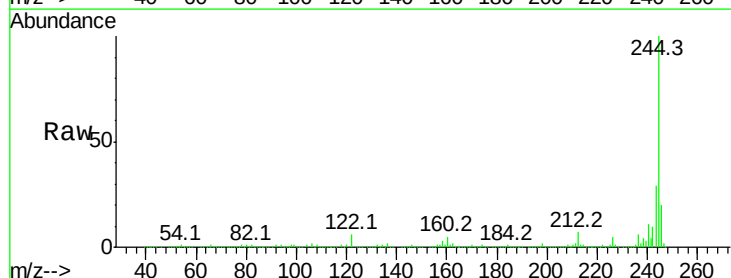
Instrument :
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 E1-2

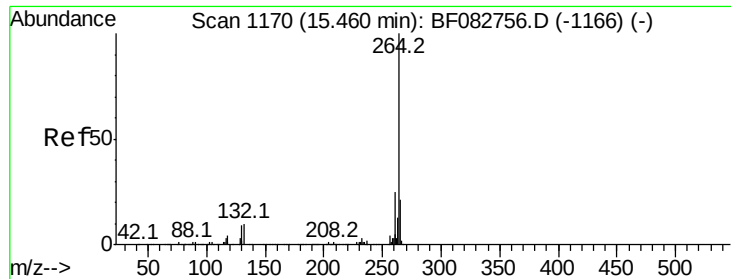
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	18.7	28.1
203	17.7	14.8	22.2



#78
 Terphenyl-d14
 Concen: 76.99 ng
 RT: 12.94 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF082854.D
 Acq: 10 Nov 2015 5:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.6	11.4#
122	6.2	11.3	16.9#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BF082854.D
Acq: 10 Nov 2015 5:14

Instrument :
BNA_F
ClientSampleId :
E1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	22.3	17.4	26.0

