

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
 Data File : BF084856.D
 Acq On : 5 Feb 2016 13:36
 Operator : SJ/IZ
 Sample : H1320-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Quant Time: Feb 05 22:17:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

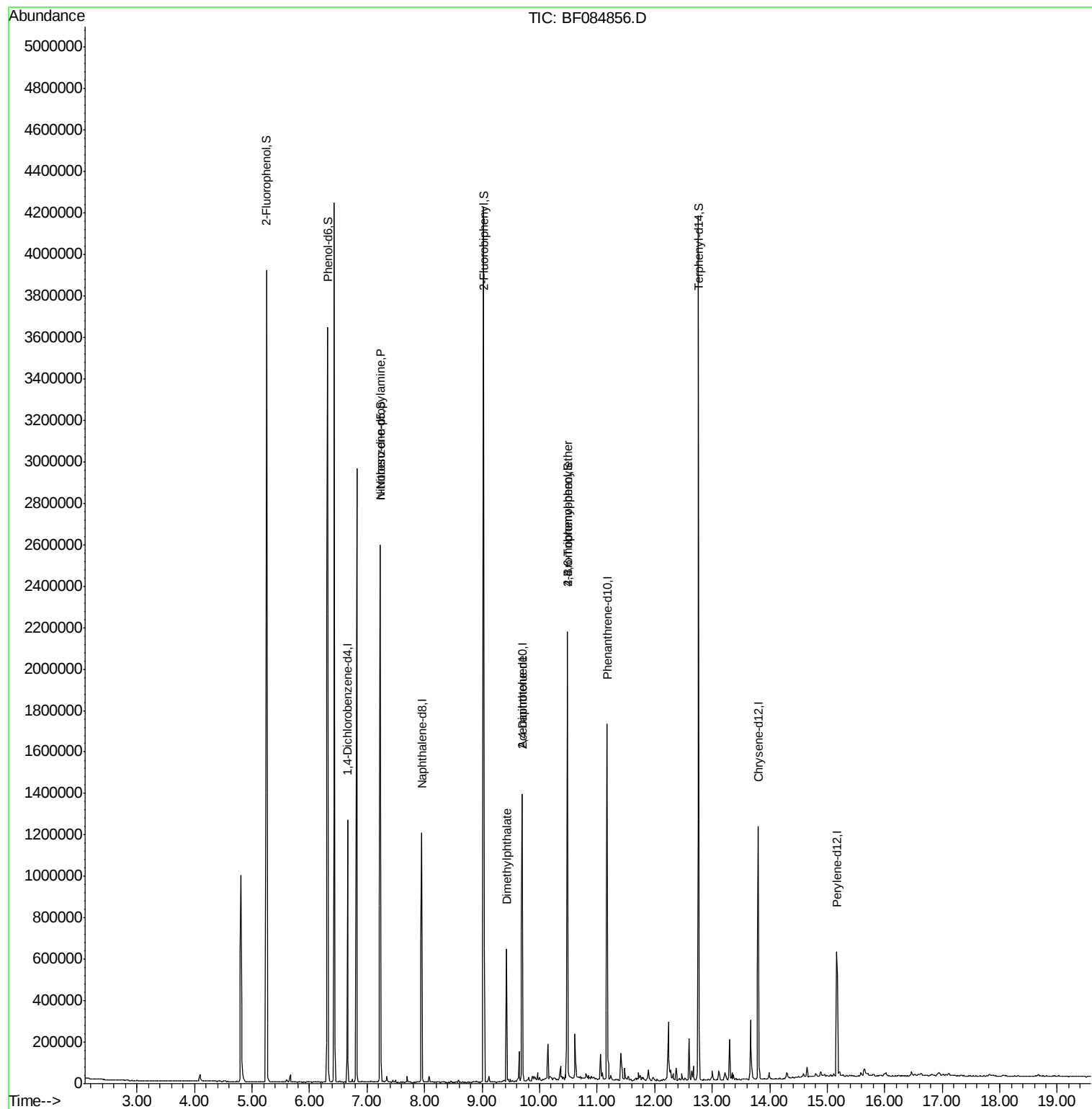
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166199	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	665306	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	319297	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	579684	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	448757	20.00	ng	-0.03
86) Perylene-d12	15.16	264	313554	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1063132	99.64	ng	-0.02
7) Phenol-d6	6.32	99	1478196	111.75	ng	-0.02
23) Nitrobenzene-d5	7.23	82	821685	69.57	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	379606	113.98	ng	-0.03
44) 2-Fluorobiphenyl	9.02	172	1264214	60.68	ng	-0.03
78) Terphenyl-d14	12.76	244	1261248	63.69	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	114056	13.76	ng	# 69
49) Dimethylphthalate	9.42	163	229052	9.42	ng	# 90
56) 2,4-Dinitrotoluene	9.70	165	41533	6.13	ng	# 22
66) 4-Bromophenyl-phenylether	10.49	248	22569	3.52	ng	# 1

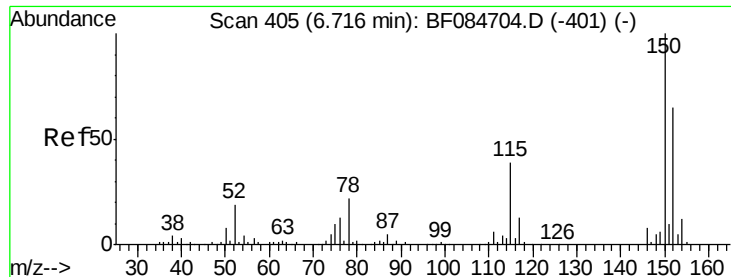
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

BNA_F

ClientSampleId :

S4-B019(20-22)

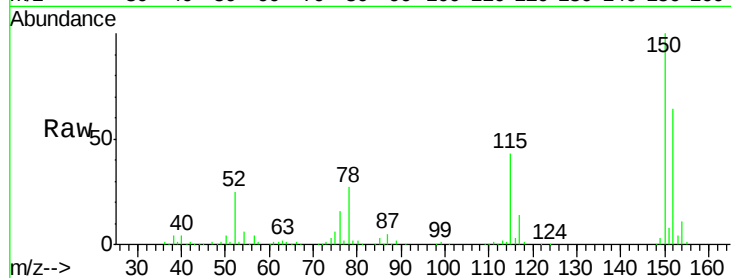
Tgt Ion:152 Resp: 166199

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

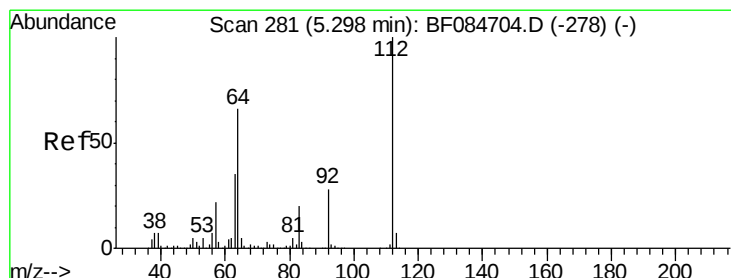
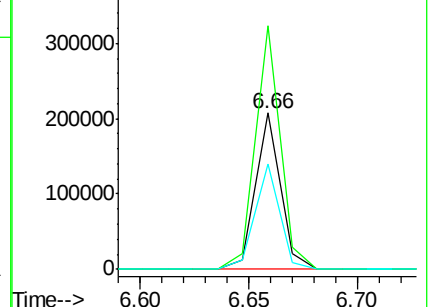
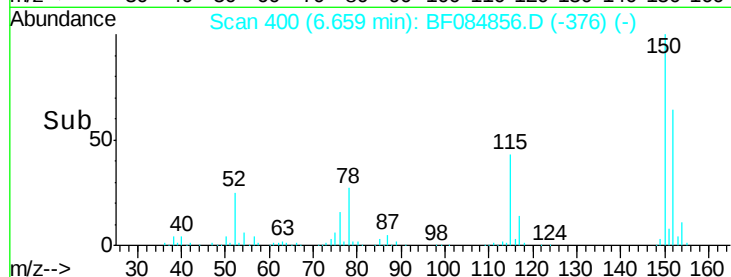
115 67.3 51.4 77.2



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: 99.64 ng

RT: 5.25 min Scan# 277

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

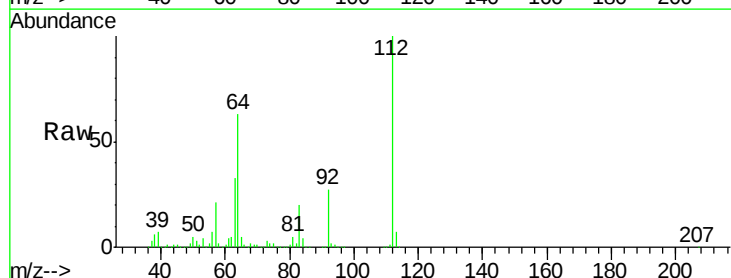
Tgt Ion:112 Resp: 1063132

Ion Ratio Lower Upper

112 100

64 63.0 36.6 55.0#

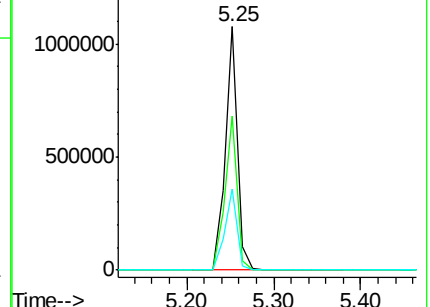
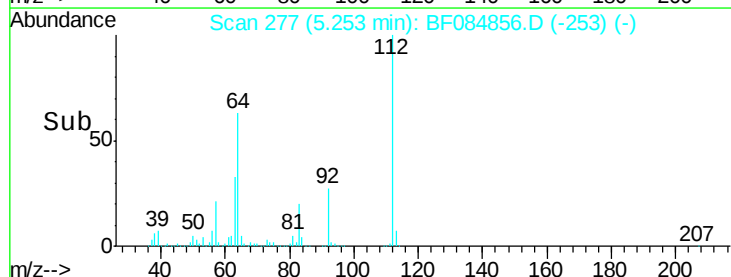
63 33.4 19.4 29.0#



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: 111.75 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

BNA_F

ClientSampleId :

S4-B019(20-22)

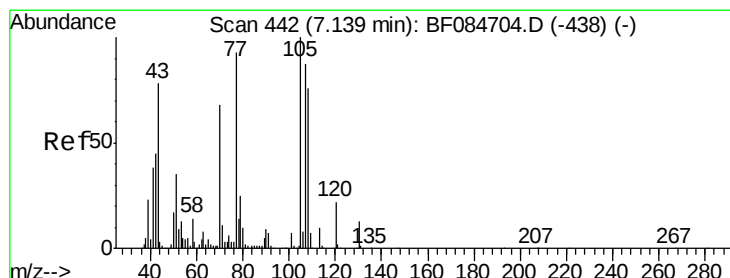
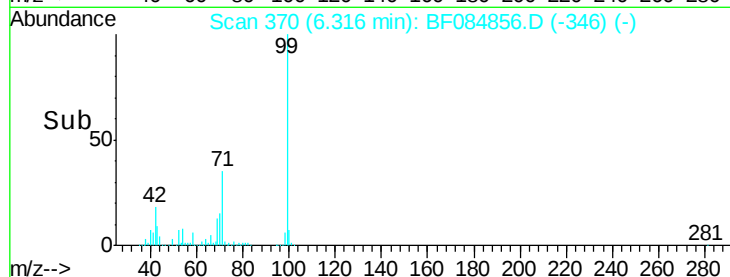
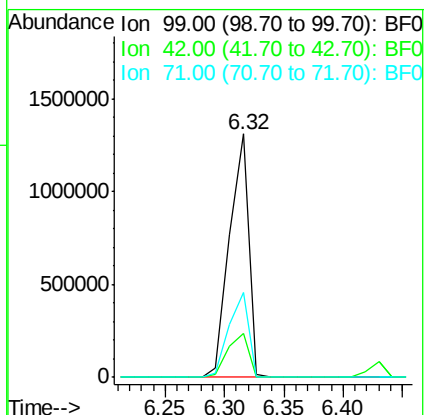
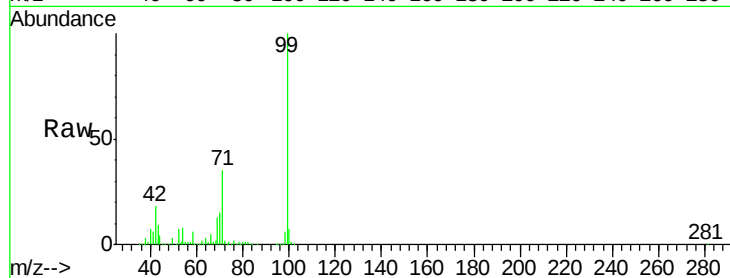
Tgt Ion: 99 Resp: 1478196

Ion Ratio Lower Upper

99 100

42 17.8 12.8 19.2

71 34.9 30.9 46.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.76 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.11 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Tgt Ion: 70 Resp: 114056

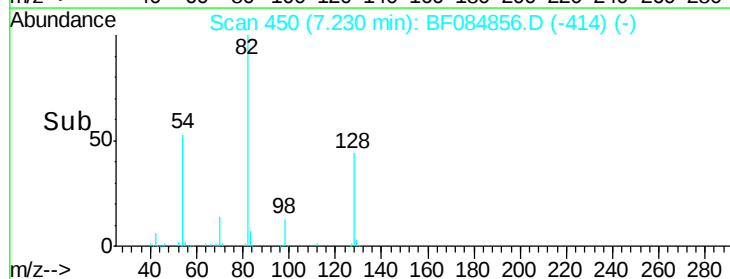
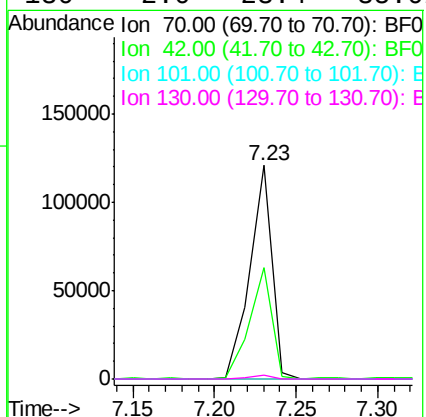
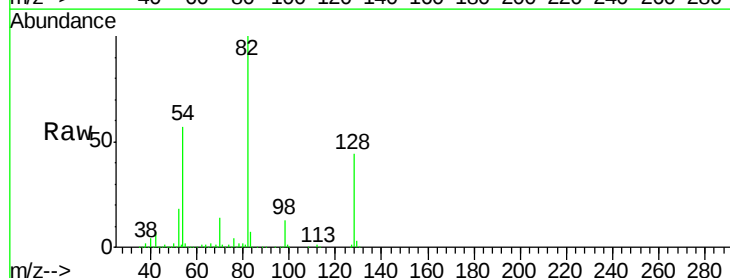
Ion Ratio Lower Upper

70 100

42 51.9 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

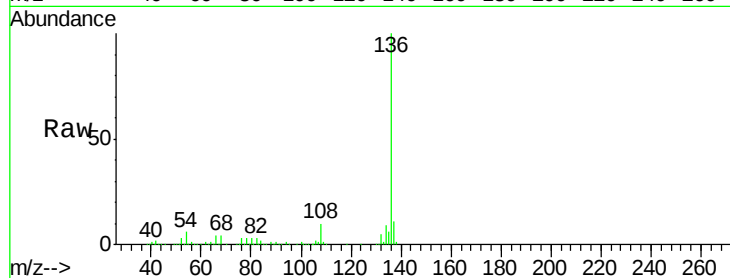
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	136	Resp:	665306
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	6.4	5.8	8.8
68	4.0	4.2	6.2#

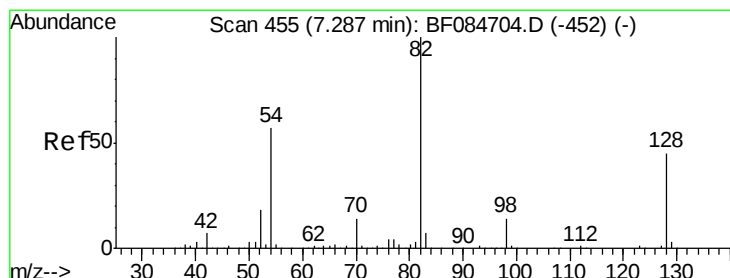
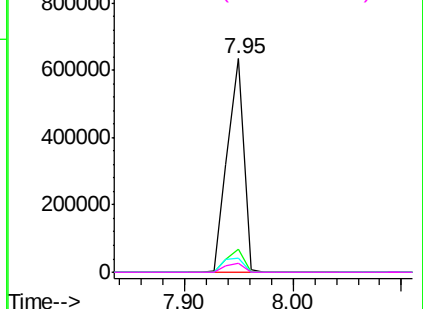
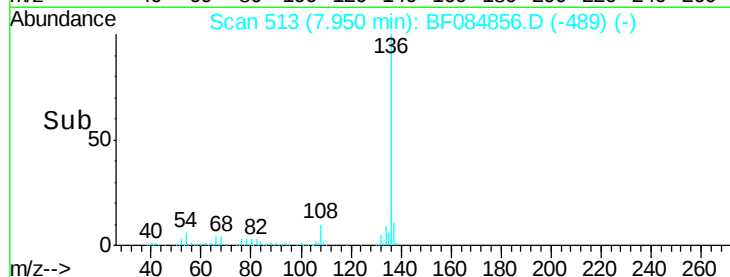


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.57 ng

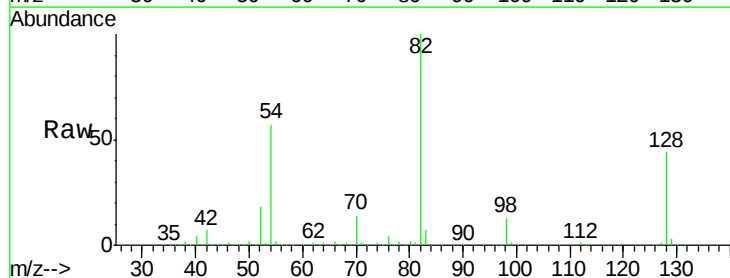
RT: 7.23 min Scan# 450

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

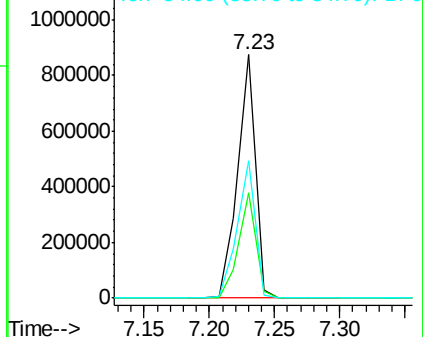
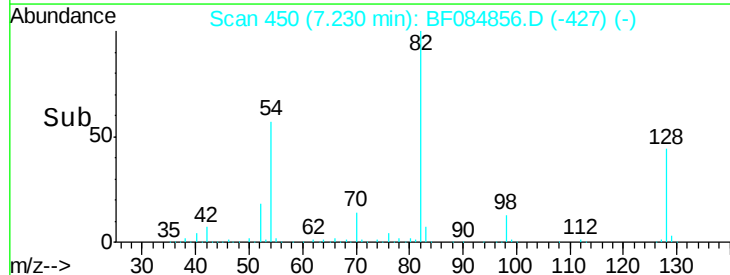
Tgt Ion:	82	Resp:	821685
Ion Ratio	Lower	Upper	
82	100		
128	43.5	34.6	51.8
54	56.5	38.4	57.6

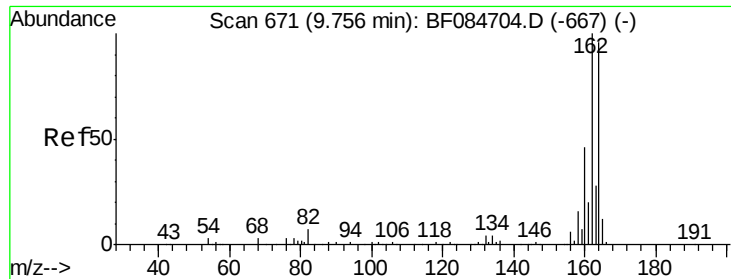


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

Instrument :

BNA_F

ClientSampleId :

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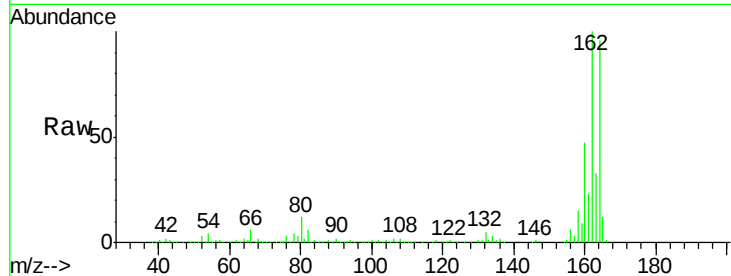
Tgt Ion:164 Resp: 319297

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

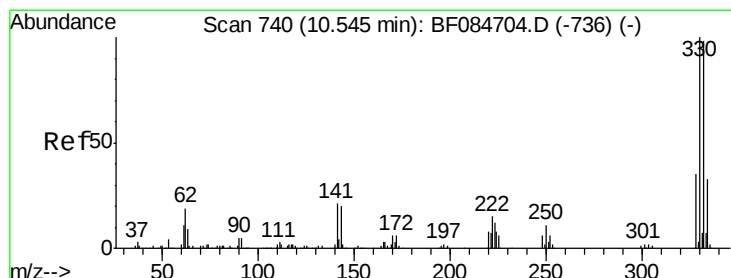
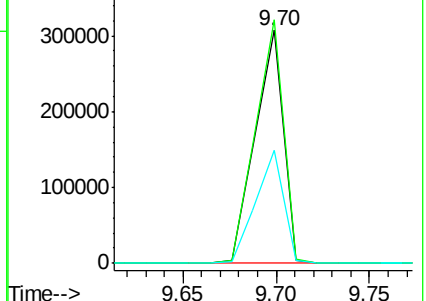
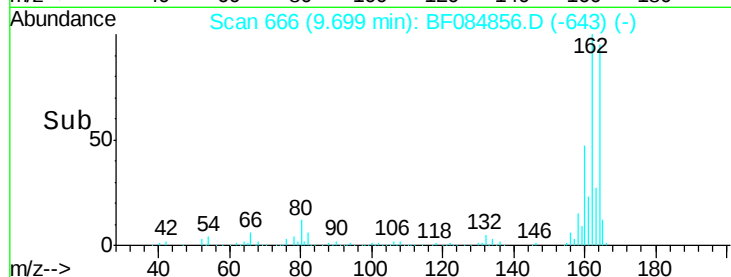
160 48.6 37.5 56.3



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: 113.98 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

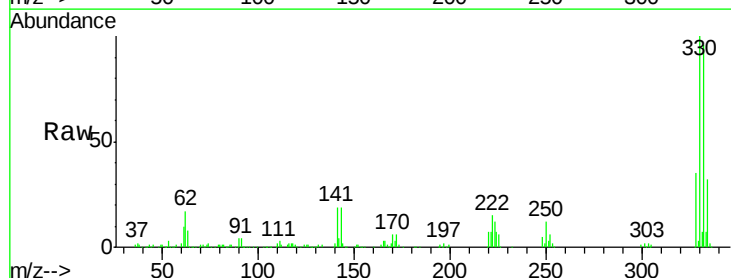
Tgt Ion:330 Resp: 379606

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

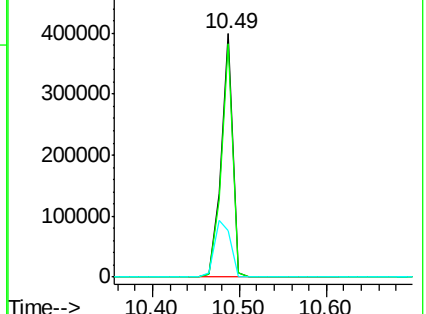
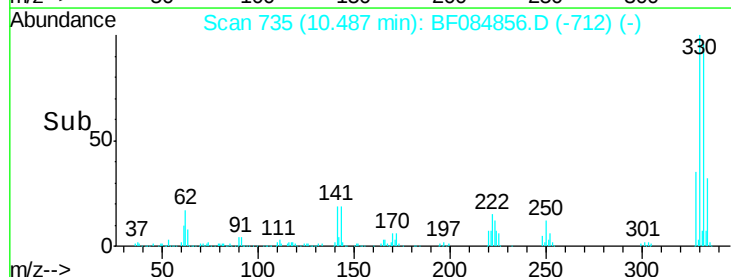
141 32.8 27.8 41.6

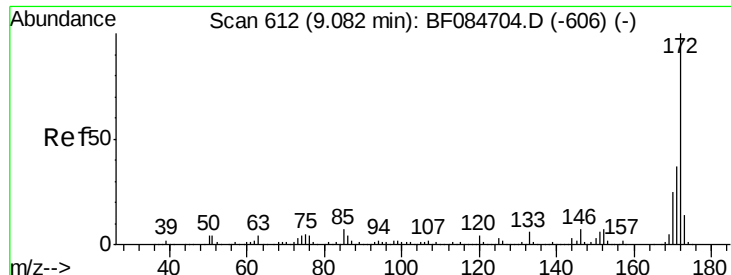


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

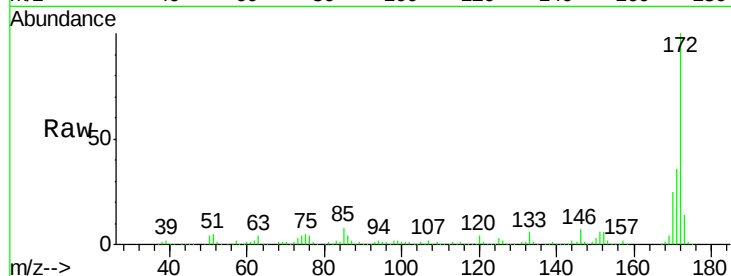




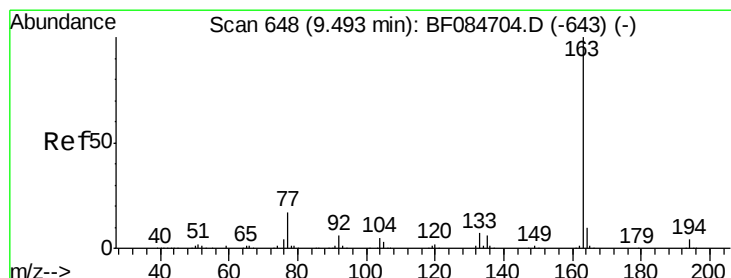
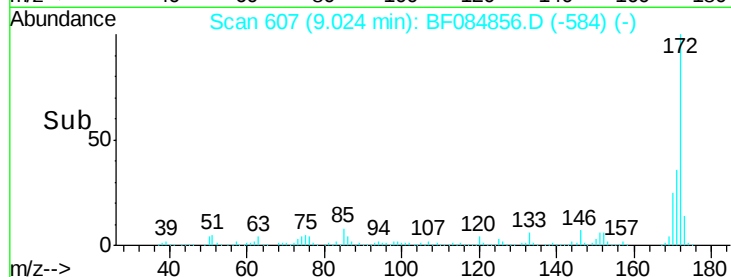
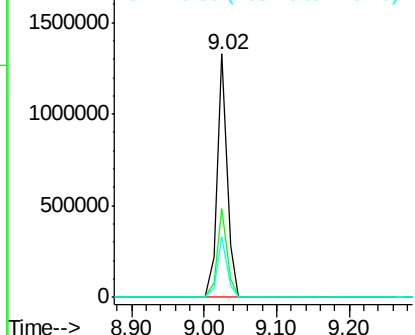
#44
 2-Fluorobiphenyl
 Concen: 60.68 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Instrument :
 BNA_F
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 S4-B019(20-22)

Tgt Ion:172 Resp: 1264214
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.8 18.6 27.8

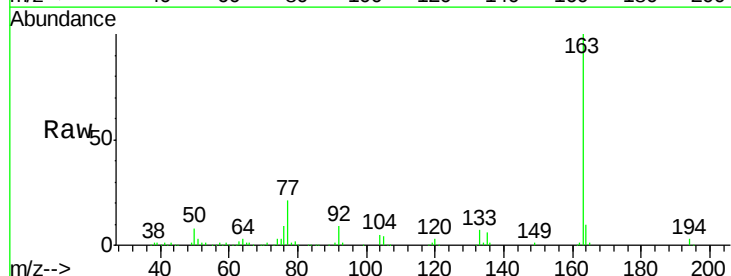


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

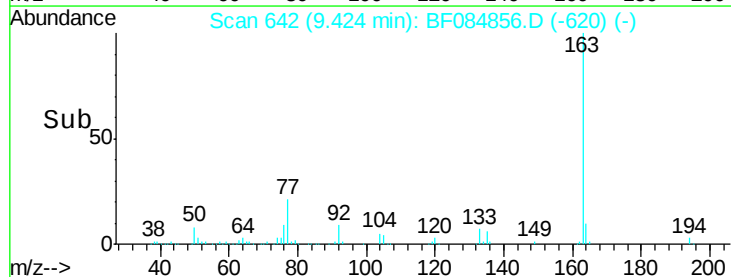
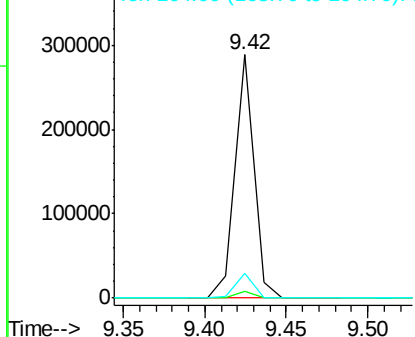


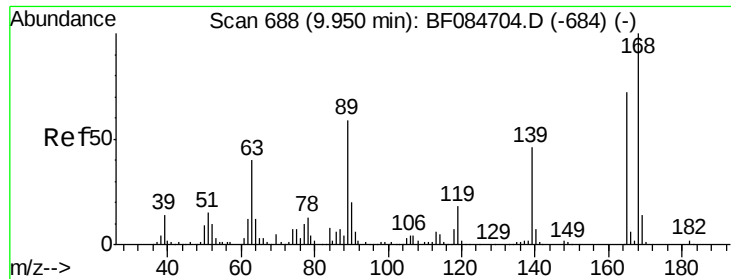
#49
 Dimethylphthalate
 Concen: 9.42 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.05 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Tgt Ion:163 Resp: 229052
 Ion Ratio Lower Upper
 163 100
 194 3.0 8.0 12.0#
 164 10.0 8.0 12.0



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

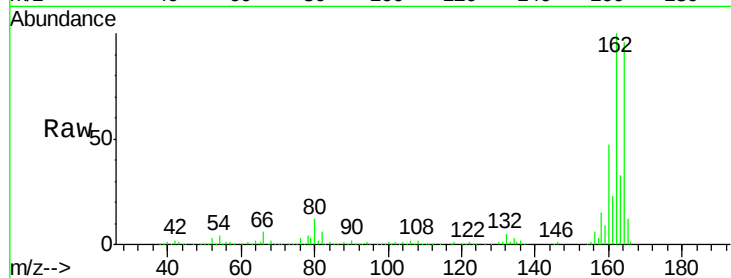




#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.23 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	2.0	61.9	92.9#
182	0.0	2.0	3.0#

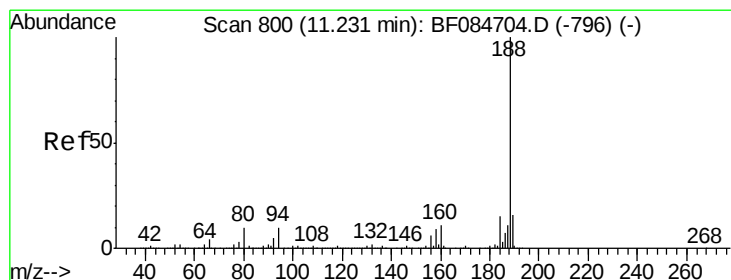
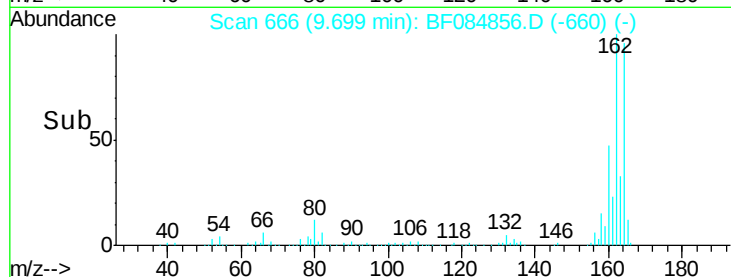
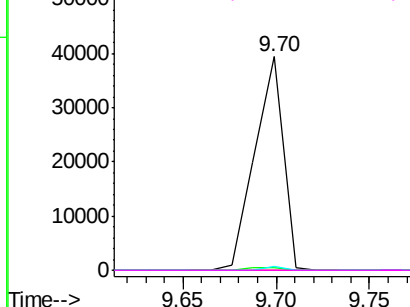


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

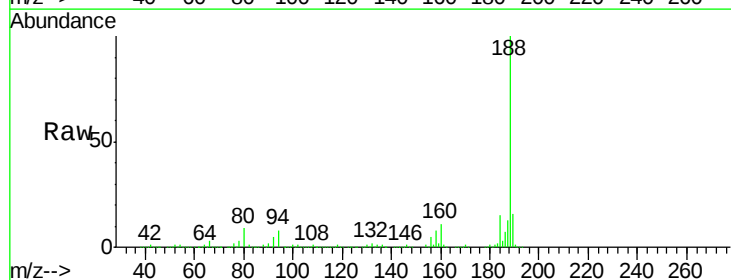
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

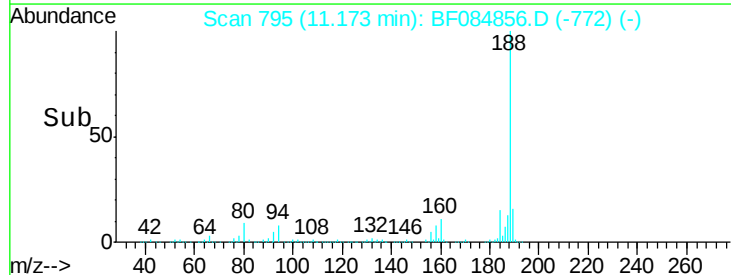
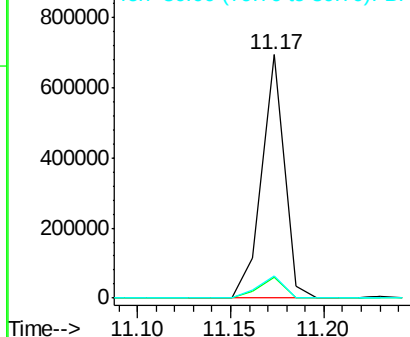
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.9	9.6	14.4#

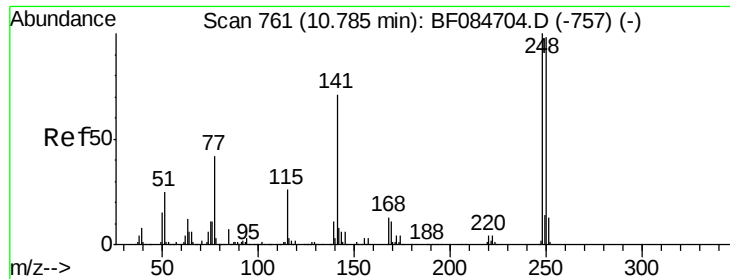


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.52 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.27 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

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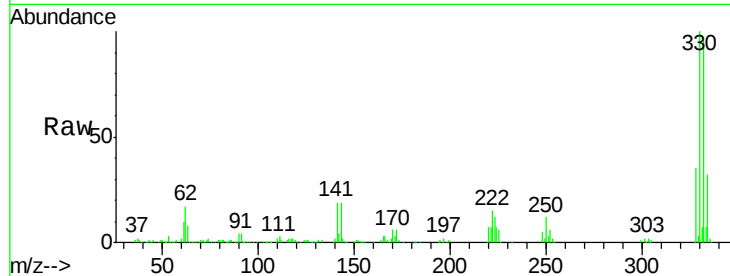
Tgt Ion:248 Resp: 22569

Ion Ratio Lower Upper

248 100

250 213.8 78.4 117.6#

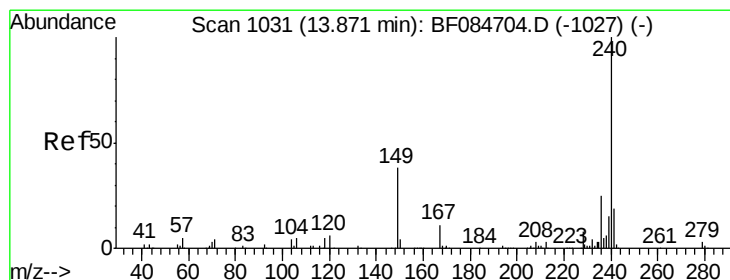
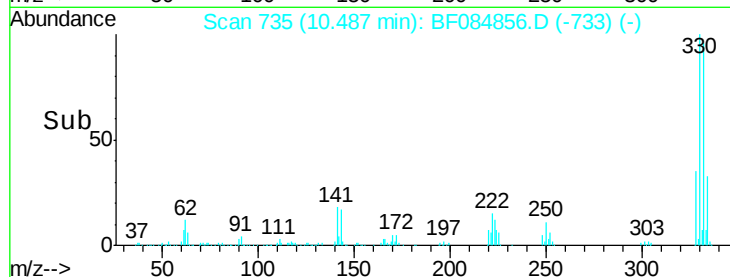
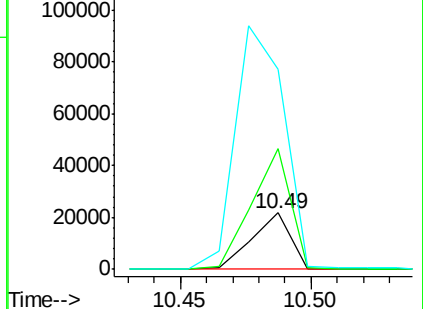
141 353.7 44.0 66.0#



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: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084856.D

Acq: 5 Feb 2016 13:36

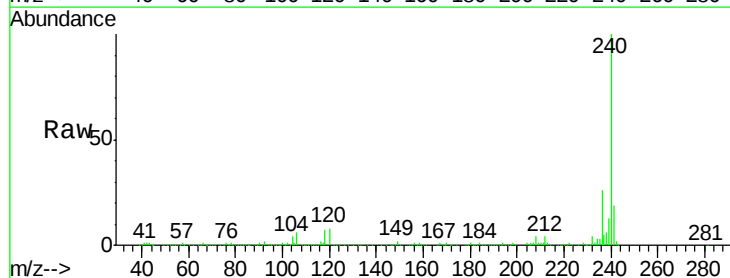
Tgt Ion:240 Resp: 448757

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

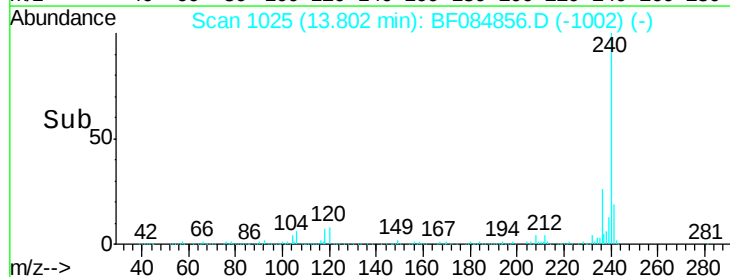
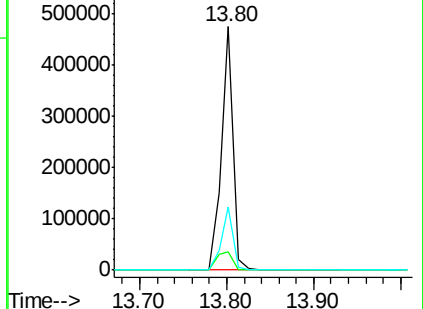
236 25.7 20.6 31.0

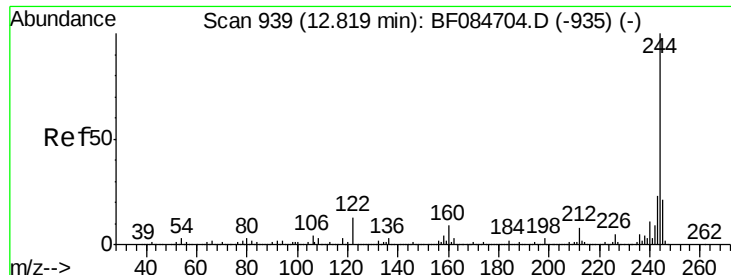


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

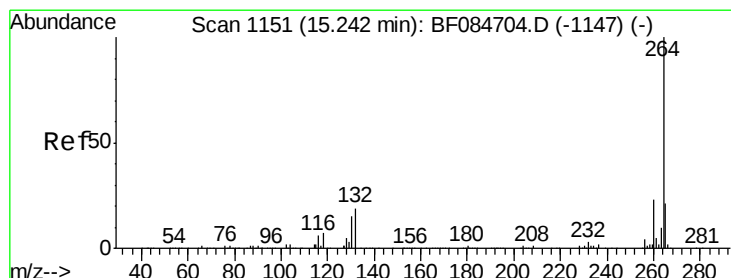
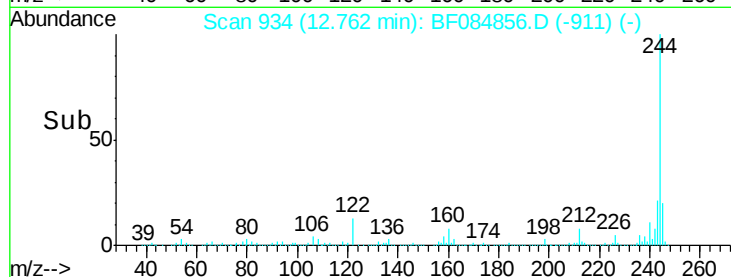
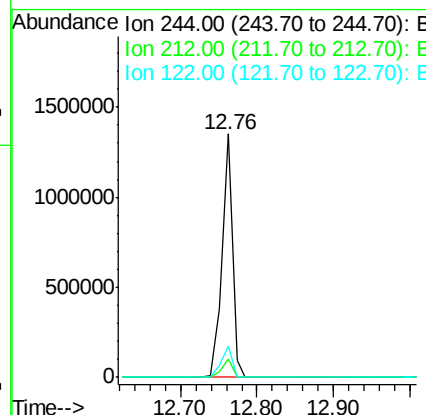
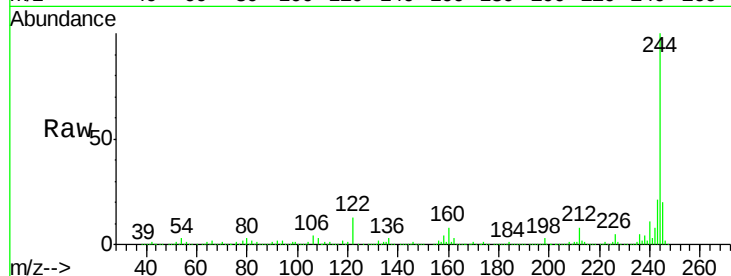




#78
 Terphenyl-d14
 Concen: 63.69 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Instrument :
 BNA_F
 ClientSampleId :
 S4-B019(20-22)

Tgt Ion:244 Resp: 1261248
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 12.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1144
 Delta R.T. -0.05 min
 Lab File: BF084856.D
 Acq: 5 Feb 2016 13:36

Tgt Ion:264 Resp: 313554
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.9 17.8 26.6

