

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
 Data File : BF089923.D
 Acq On : 26 Aug 2016 22:29
 Operator : UM/SJ
 Sample : H4599-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERM-33R

Quant Time: Aug 26 23:28:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 26 18:51:25 2016
 Response via : Initial Calibration

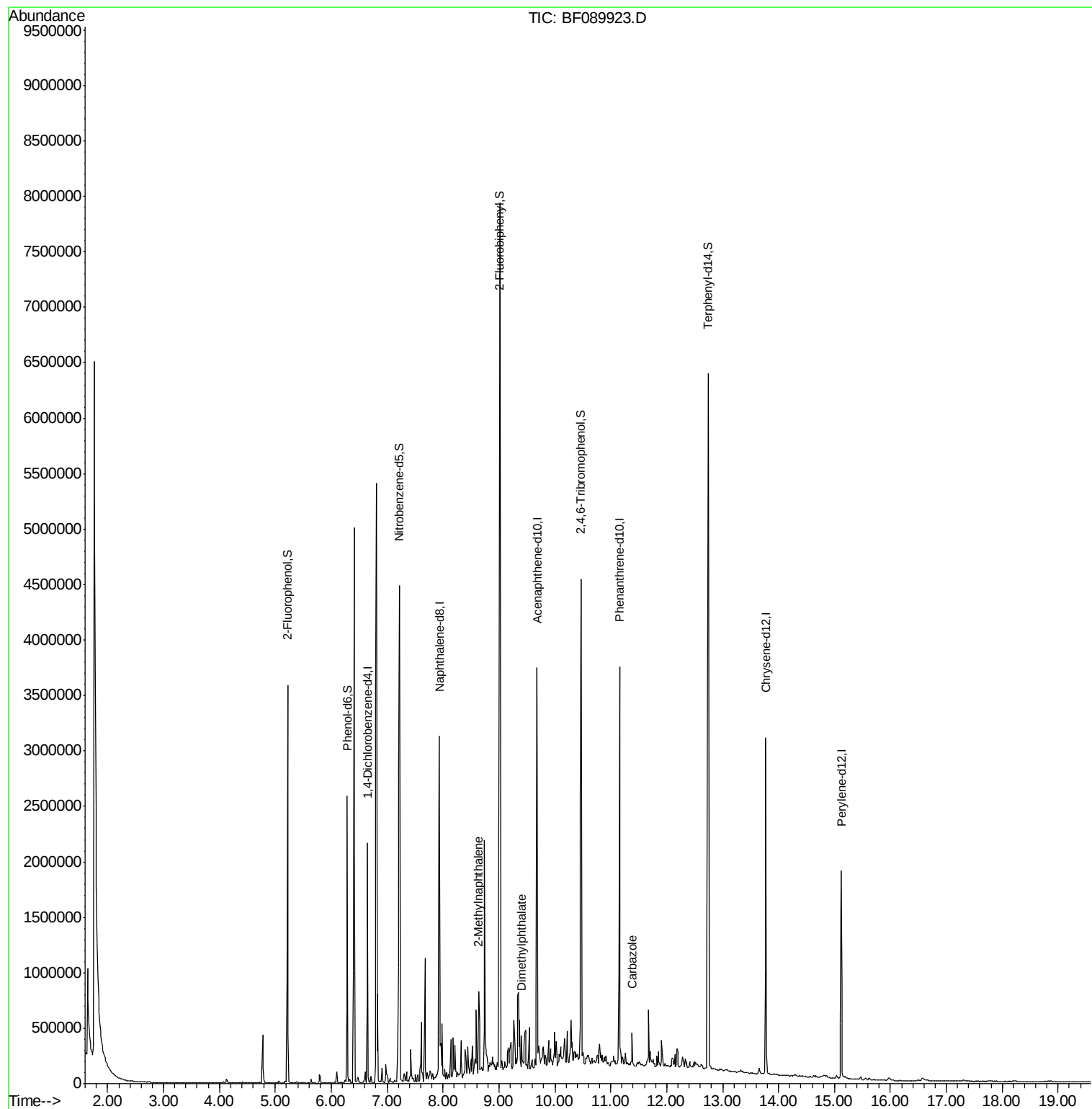
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	363517	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1303428	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	672845	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	1244559	20.00	ng	0.00
75) Chrysene-d12	13.77	240	1027486	20.00	ng	-0.01
86) Perylene-d12	15.12	264	836164	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1042413	49.18	ng	0.00
7) Phenol-d6	6.28	99	913744	35.12	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1886190	89.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	642924	100.54	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2693779	70.36	ng	0.00
78) Terphenyl-d14	12.74	244	2266153	49.90	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.64	142	251135m	6.37	ng	
49) Dimethylphthalate	9.40	163	107519	2.27	ng	98
72) Carbazole	11.38	167	117196	2.04	ng	# 95

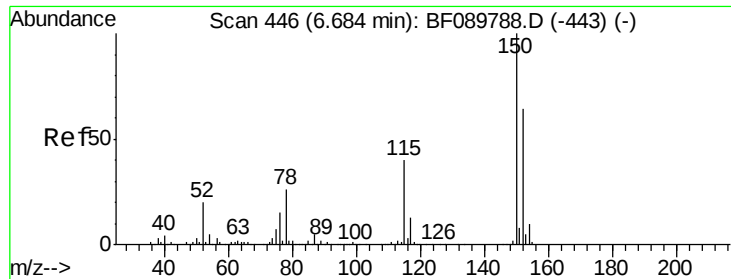
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampled :

ERM-33R

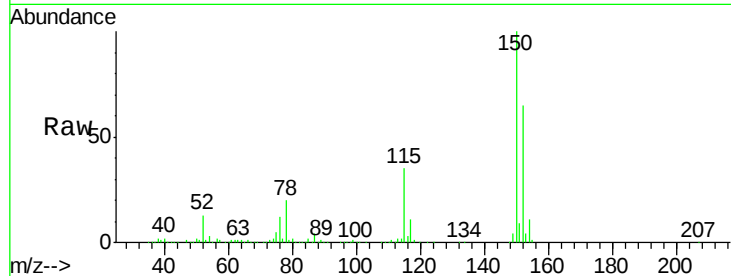
Tot Ion:152 Resp: 363517

Ion Ratio Lower Upper

152 100

150 153.9 125.3 187.9

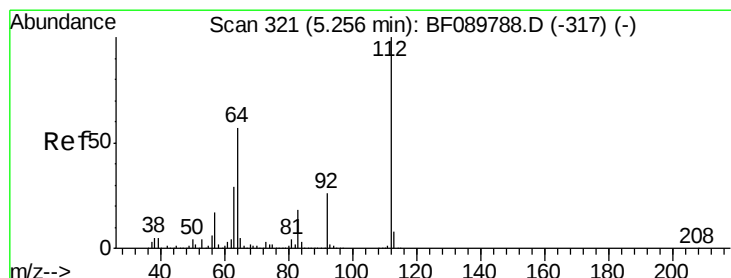
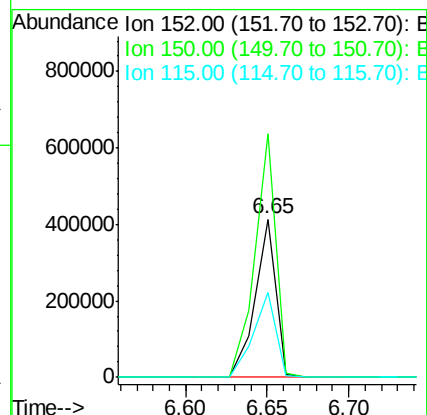
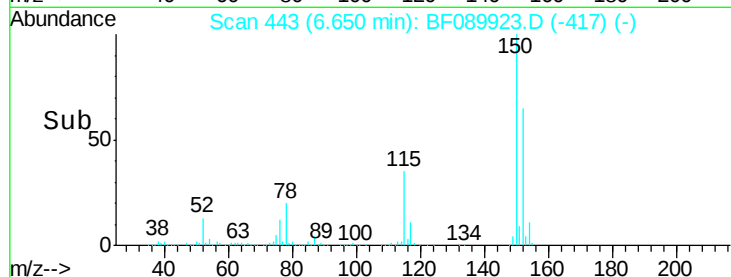
115 53.6 40.9 61.3



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: 49.18 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

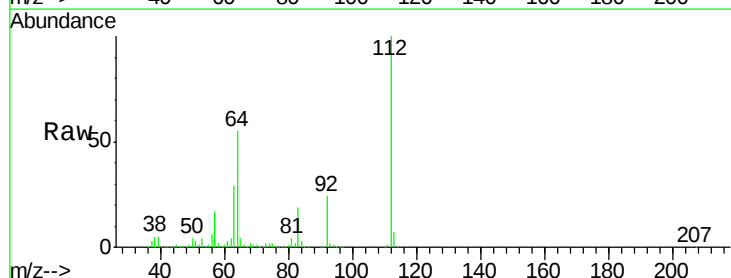
Tgt Ion:112 Resp: 1042413

Ion Ratio Lower Upper

112 100

64 55.0 45.0 67.4

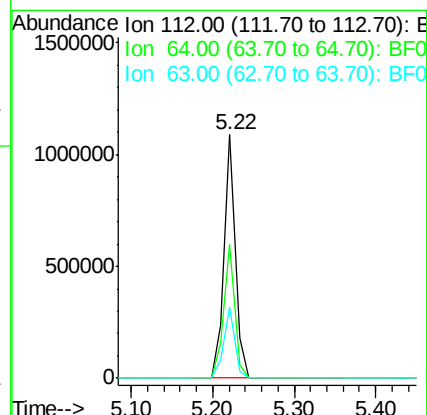
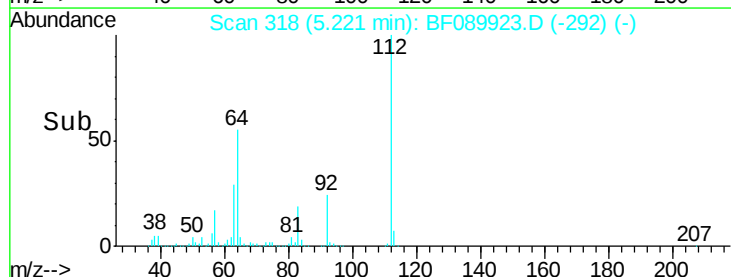
63 28.9 23.1 34.7

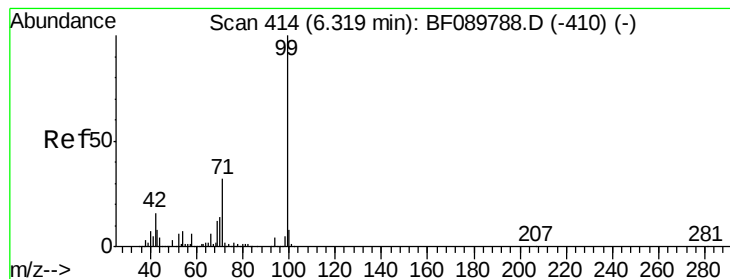


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.12 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampled :

ERM-33R

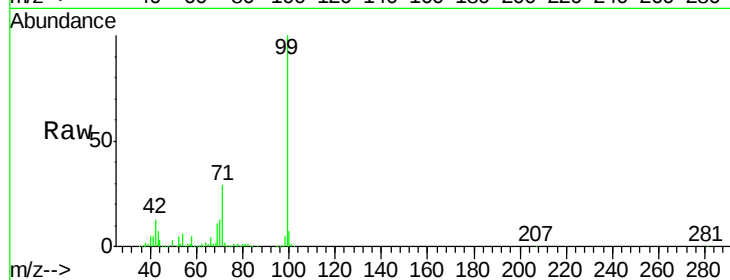
Tot Ion: 99 Resp: 913744

Ion Ratio Lower Upper

99 100

42 13.4 12.2 18.4

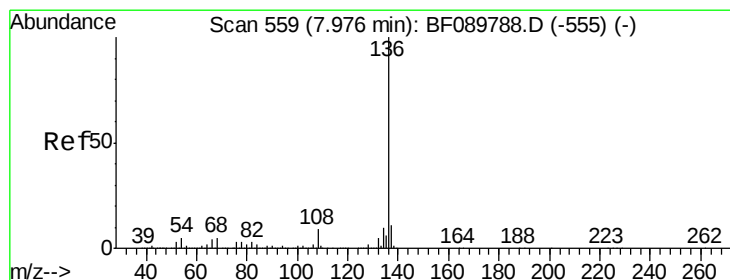
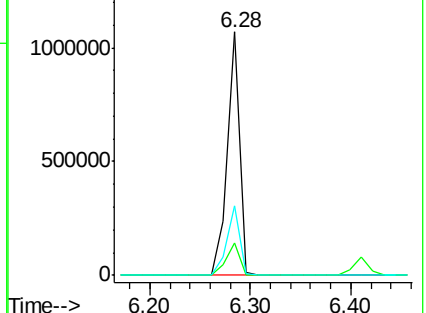
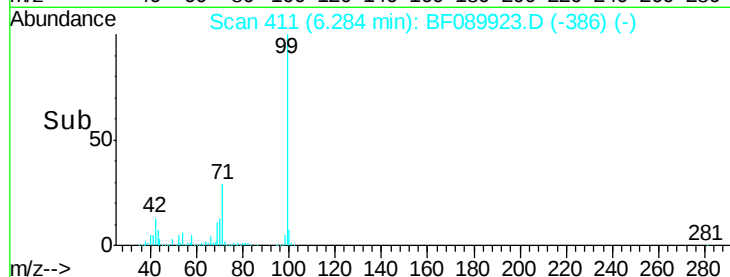
71 28.6 23.8 35.8



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: 7.93 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Tgt Ion: 136 Resp: 1303428

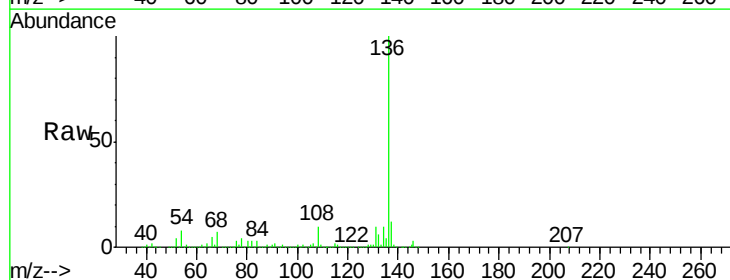
Ion Ratio Lower Upper

136 100

137 11.8 9.2 13.8

54 7.7 7.2 10.8

68 7.1 5.8 8.8

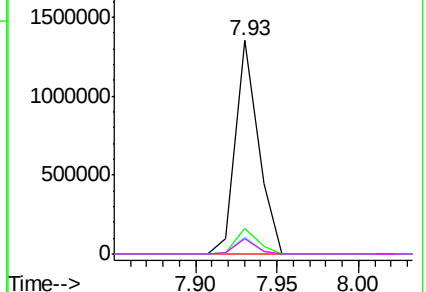
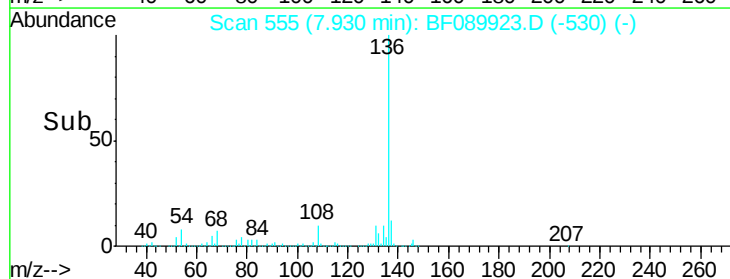


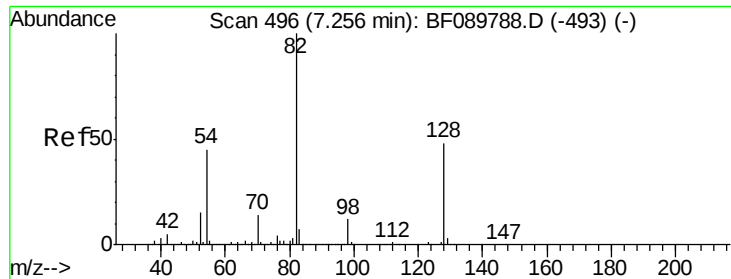
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.90 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampleId :

ERM-33R

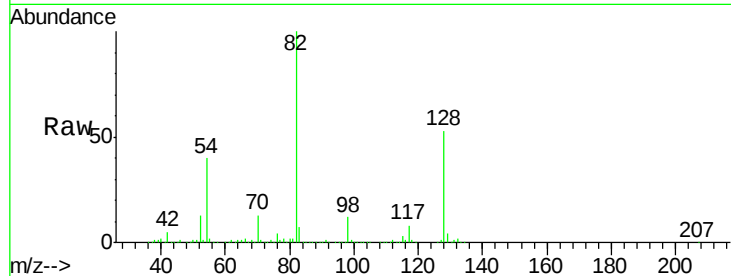
Tot Ion: 82 Resp: 1886190

Ion Ratio Lower Upper

82 100

128 53.4 34.4 51.6#

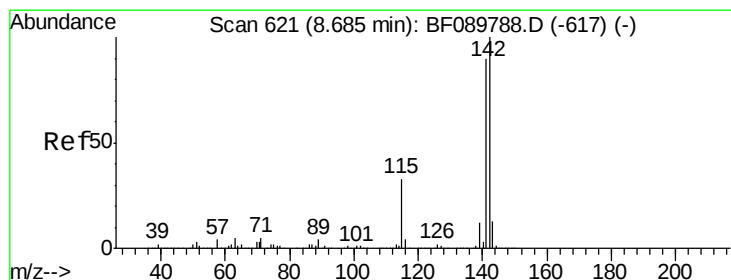
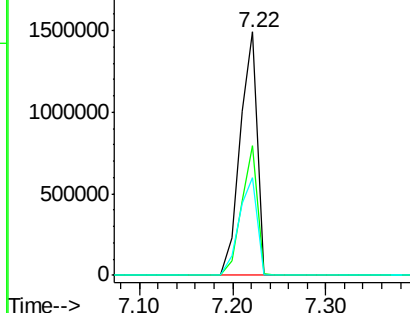
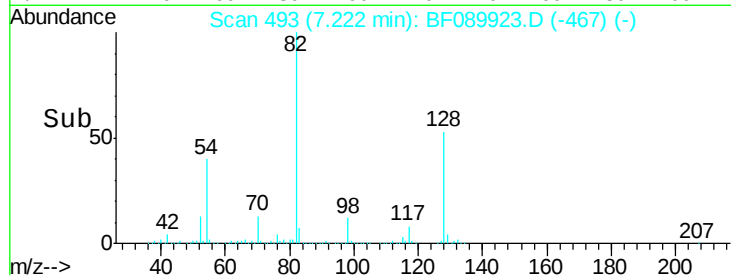
54 40.1 40.3 60.5#



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



#37

2-Methylnaphthalene

Concen: 6.37 ng m

RT: 8.64 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

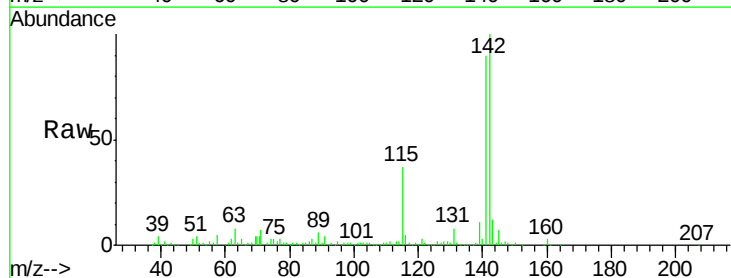
Tgt Ion:142 Resp: 251135

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

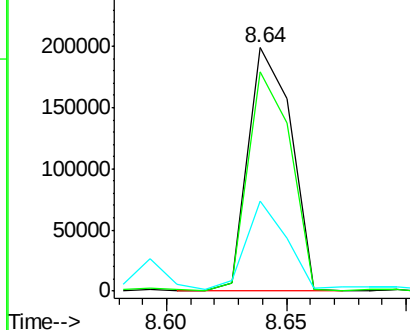
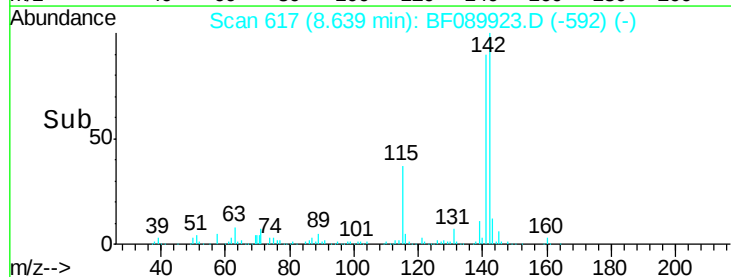
115 37.0 22.7 34.1#

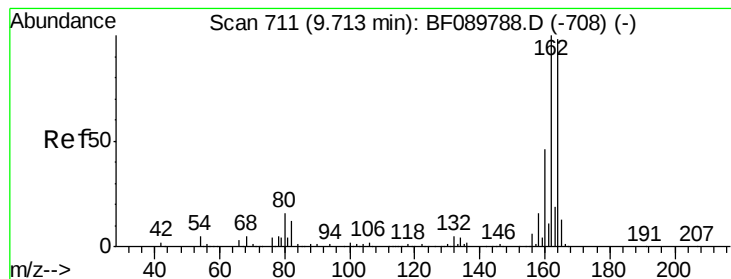


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampled :

ERM-33R

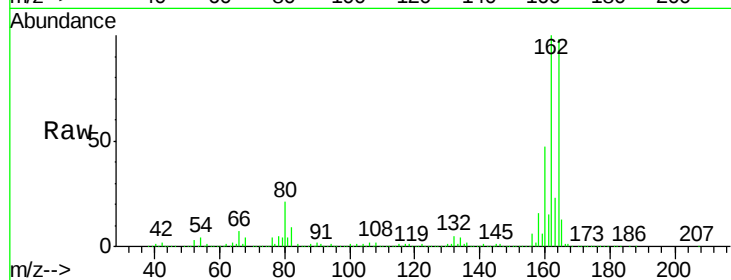
Tot Ion:164 Resp: 672845

Ion Ratio Lower Upper

164 100

162 102.5 81.4 122.2

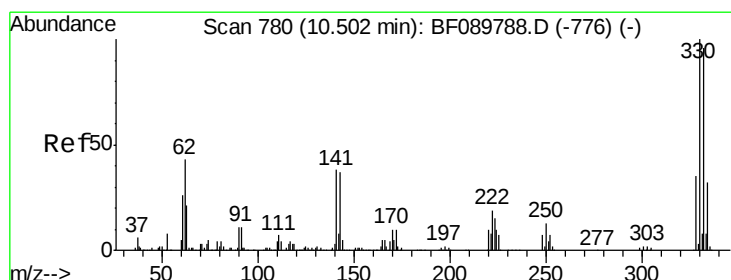
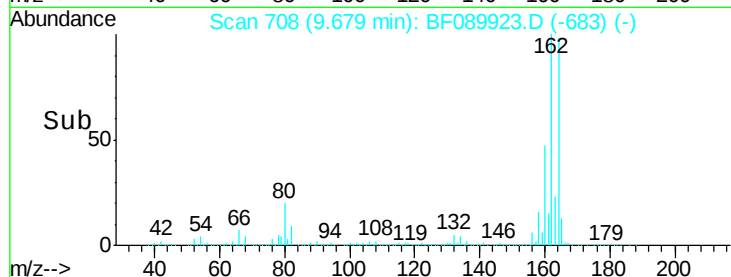
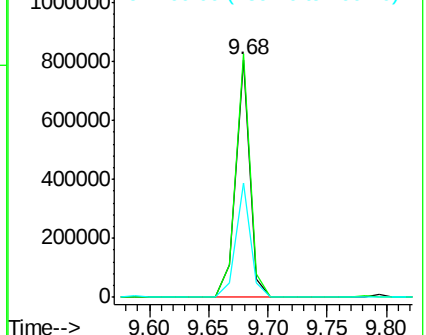
160 48.1 37.8 56.6



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: 100.54 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

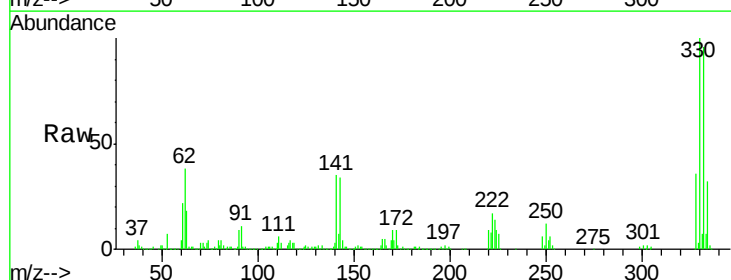
Tgt Ion:330 Resp: 642924

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

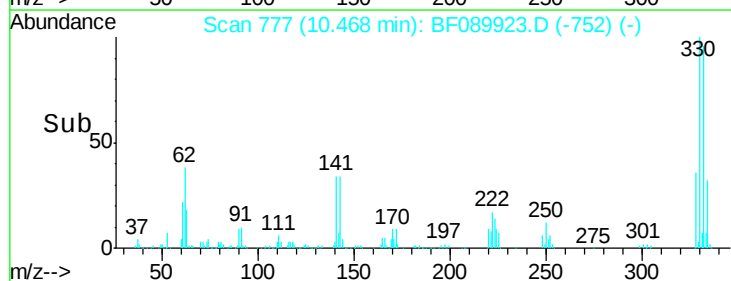
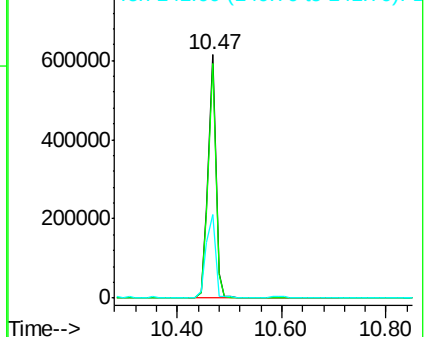
141 39.9 30.2 45.2

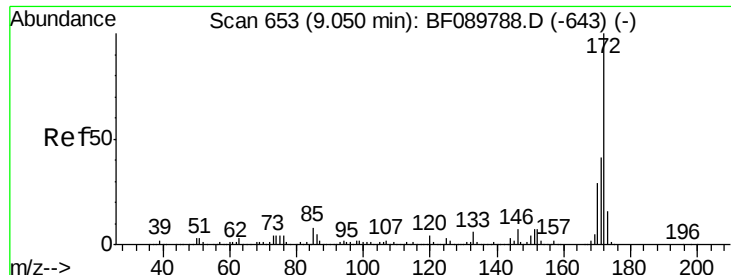


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.36 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampleId :

ERM-33R

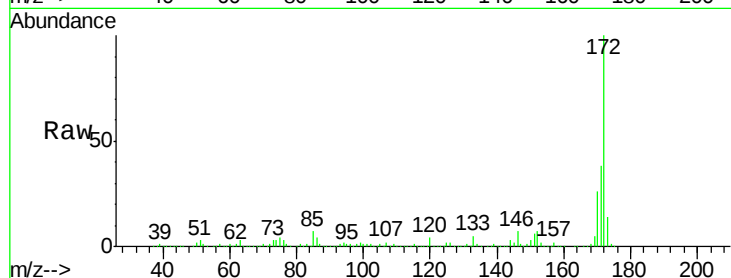
Tot Ion:172 Resp: 2693779

Ion Ratio Lower Upper

172 100

171 37.9 30.5 45.7

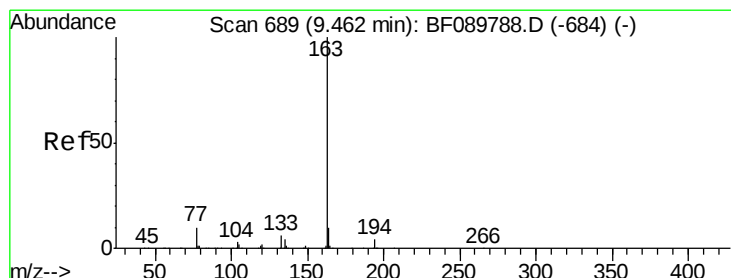
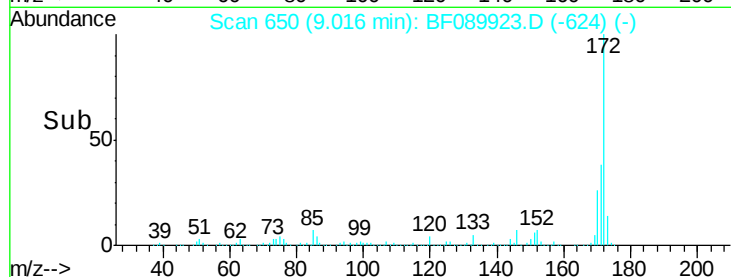
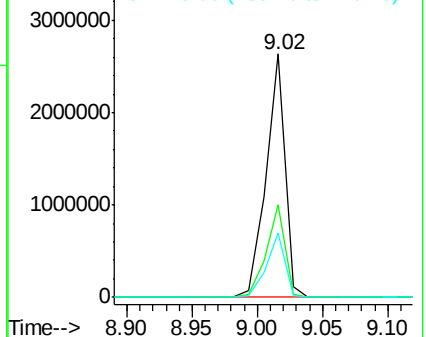
170 26.3 20.6 31.0



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: 2.27 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

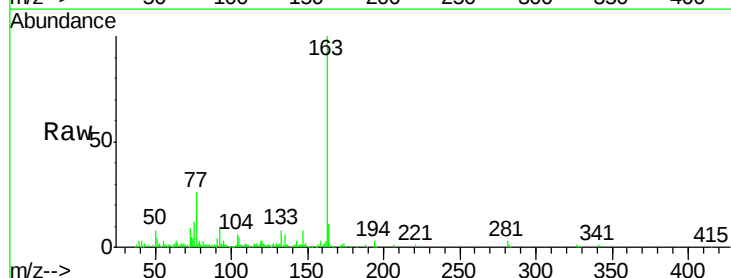
Tgt Ion:163 Resp: 107519

Ion Ratio Lower Upper

163 100

194 2.9 2.6 3.8

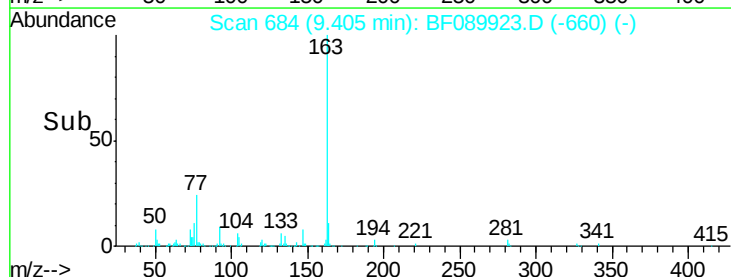
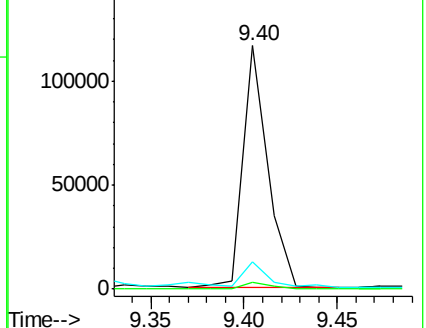
164 11.3 8.6 12.8

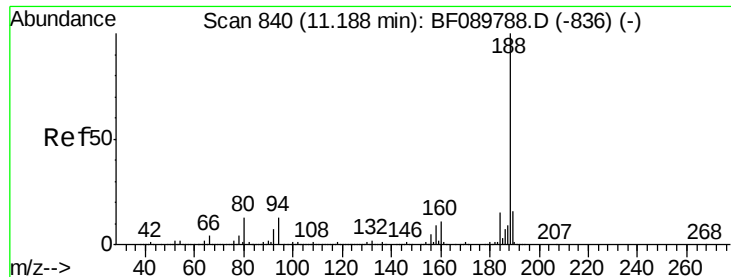


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.15 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampleId :

ERM-33R

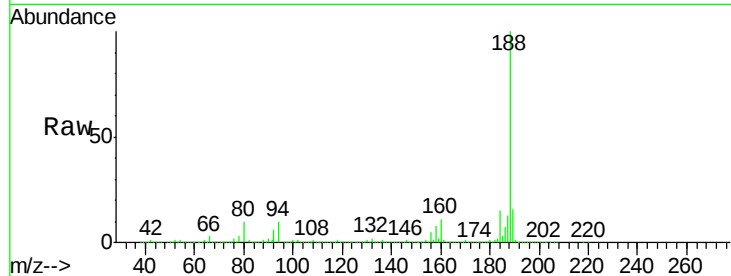
Tot Ion:188 Resp: 1244559

Ion Ratio Lower Upper

188 100

94 9.9 10.2 15.2#

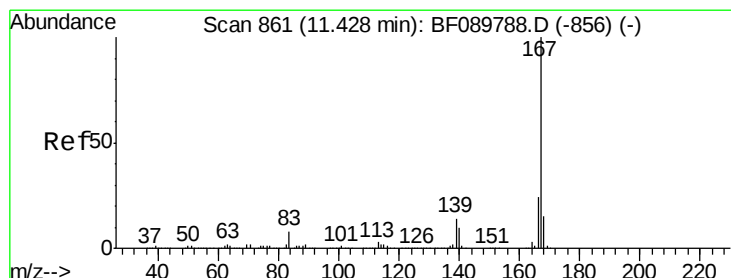
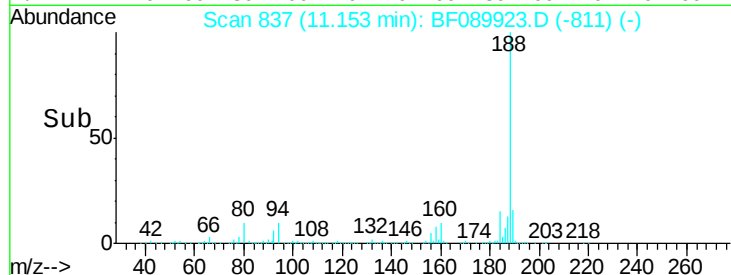
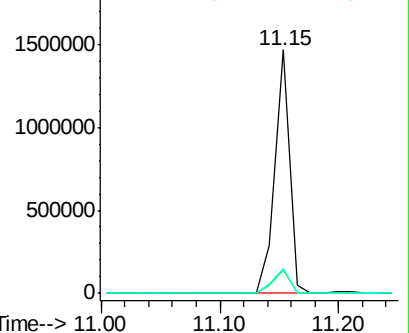
80 10.0 10.9 16.3#



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



#72

Carbazole

Concen: 2.04 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

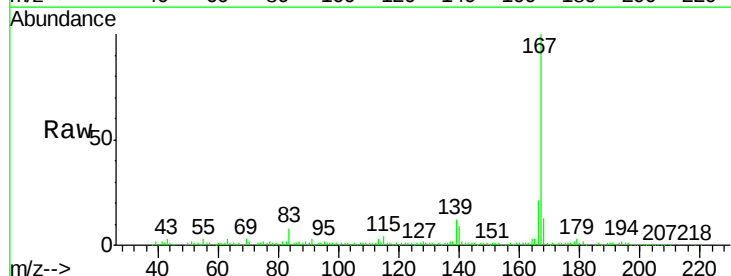
Tgt Ion:167 Resp: 117196

Ion Ratio Lower Upper

167 100

166 21.2 17.9 26.9

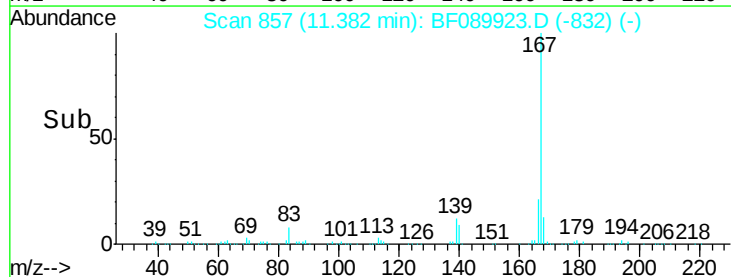
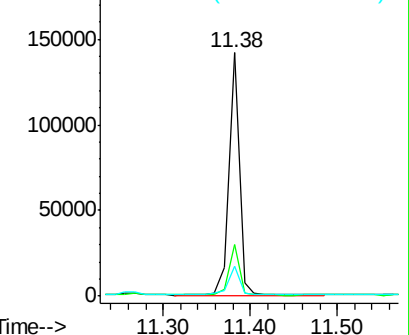
139 12.3 12.4 18.6#

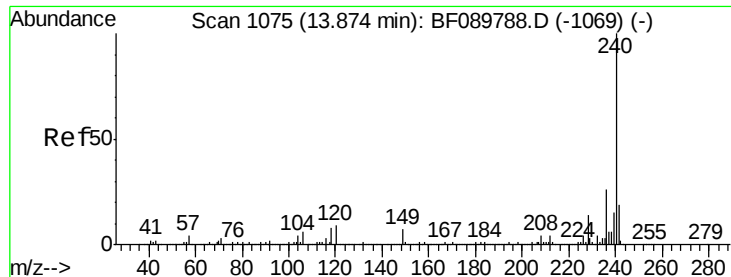


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

Instrument :

BNA_F

ClientSampled :

ERM-33R

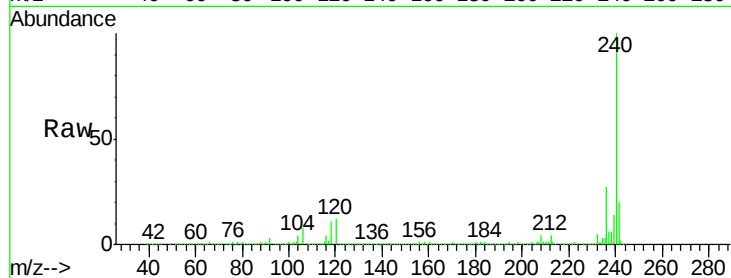
Tot Ion:240 Resp: 1027486

Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	27.2	21.3	31.9

240 100

120 12.1 8.3 12.5

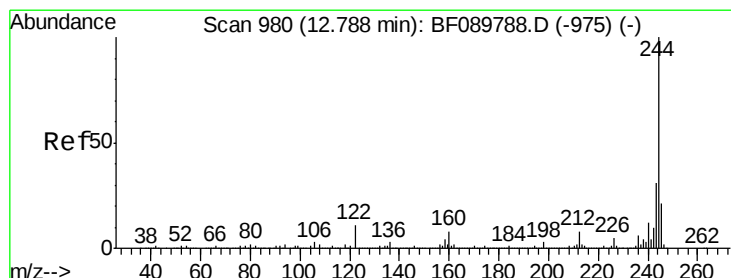
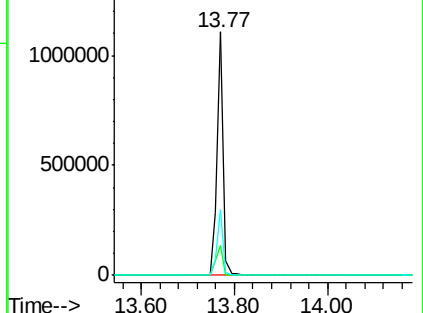
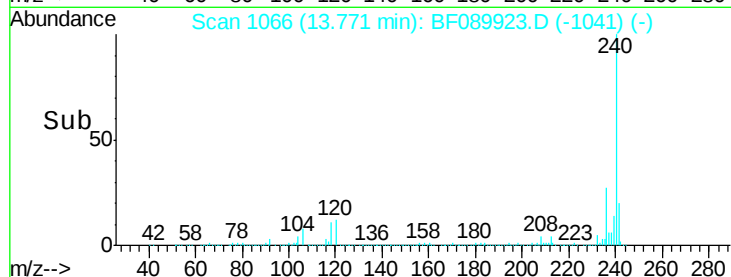
236 27.2 21.3 31.9



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: 49.90 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF089923.D

Acq: 26 Aug 2016 22:29

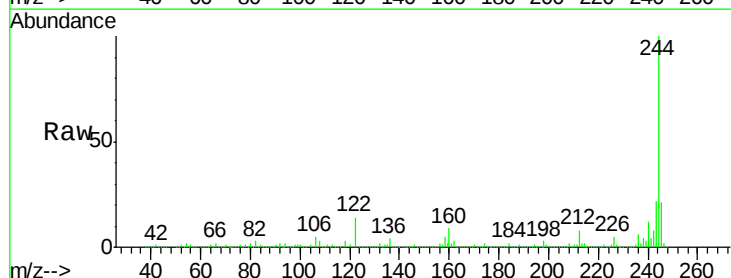
Tgt Ion:244 Resp: 2266153

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	14.3	12.0	18.0

244 100

212 8.2 6.3 9.5

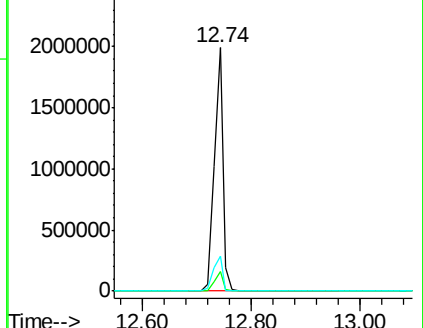
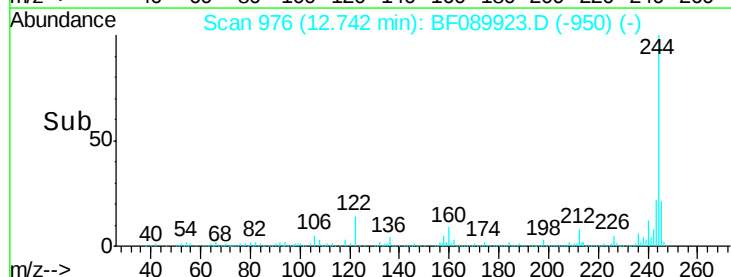
122 14.3 12.0 18.0

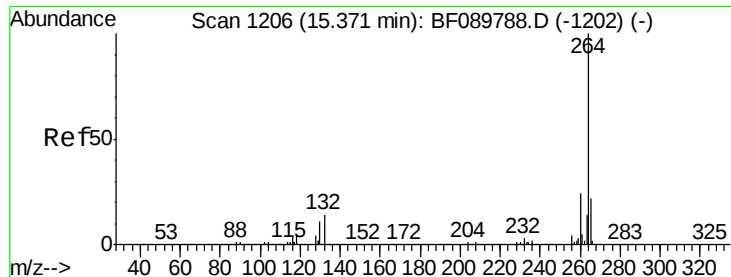


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

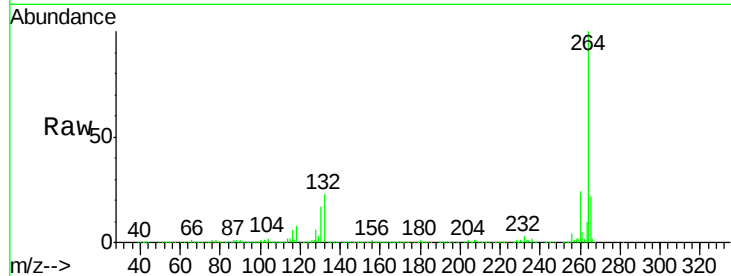




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF089923.D
Acq: 26 Aug 2016 22:29

Instrument :
BNA_F
ClientSampleId :
ERM-33R

Tot Ion:	264	Resp:	836164
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	21.9	17.4	26.2



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

