

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100215\
 Data File : BF082039.D
 Acq On : 3 Oct 2015 23:54
 Operator : UM/IZ
 Sample : G3891-11
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-24)

Quant Time: Oct 05 04:45:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

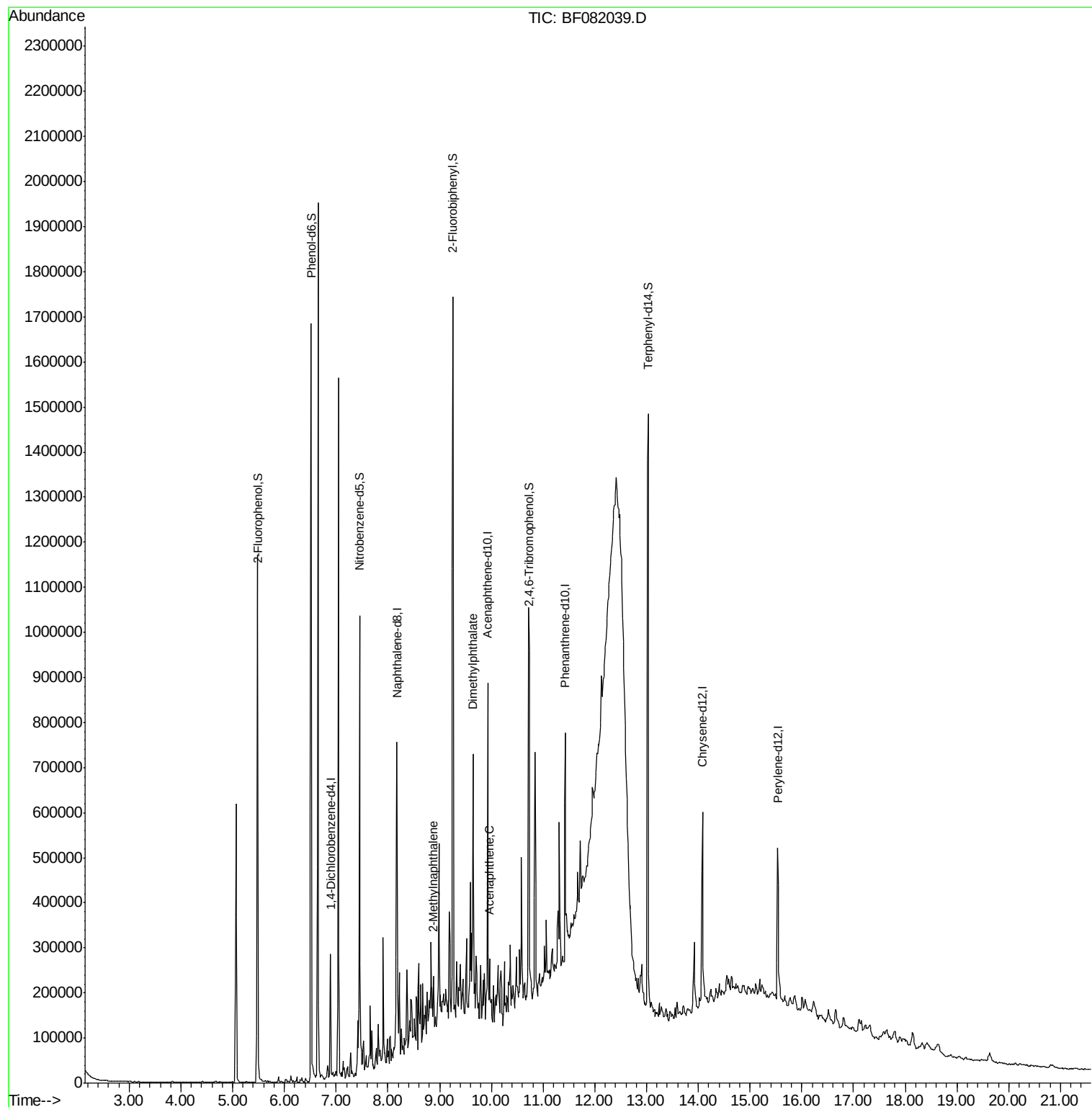
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	71938	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	299851	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	145012	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	267798	20.00	ng	-0.03
75) Chrysene-d12	14.08	240	224713	20.00	ng	-0.03
86) Perylene-d12	15.53	264	211449	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	499959	126.16	ng	-0.03
7) Phenol-d6	6.51	99	645631	129.47	ng	-0.05
23) Nitrobenzene-d5	7.45	82	363949	80.91	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	174048	118.51	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	707798	80.91	ng	-0.05
78) Terphenyl-d14	13.03	244	666374	100.93	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.88	142	61933	6.83	ng	# 91
49) Dimethylphthalate	9.65	163	164530	16.44	ng	# 97
51) Acenaphthene	9.97	154	18560	2.22	ng	# 85

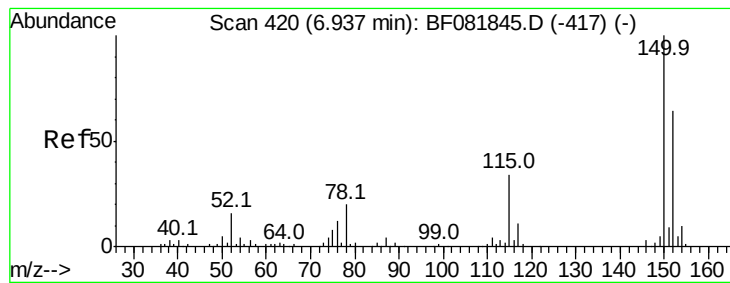
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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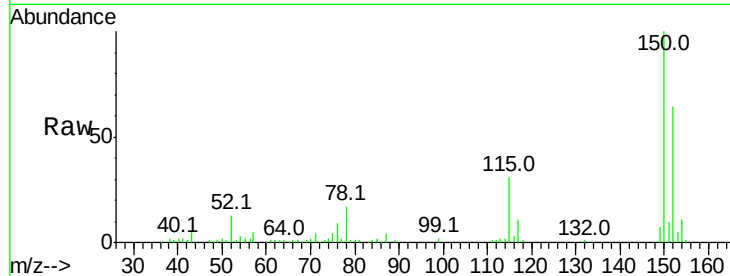


#1

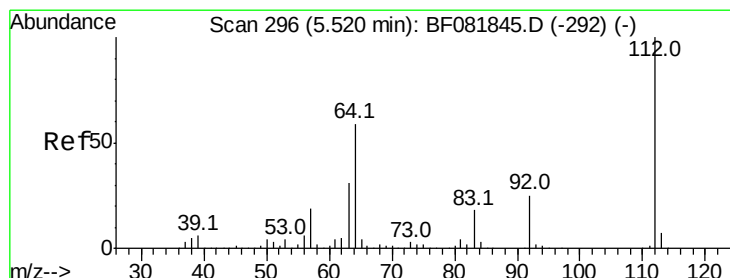
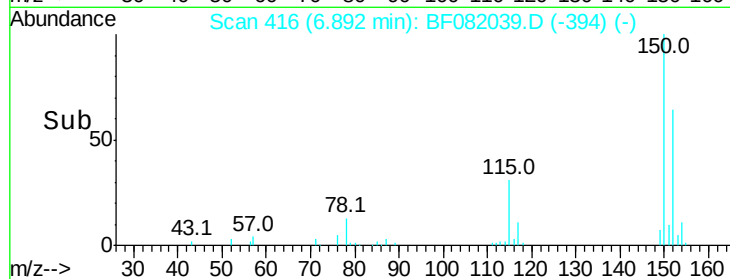
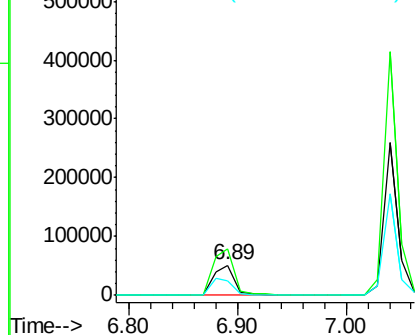
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 416
 Delta R.T. -0.05 min
 Lab File: BF082039.D
 Acq: 3 Oct 2015 23:54

Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-24)

Tot Ion:152 Resp: 71938
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.7 187.1
 115 47.9 39.0 58.4



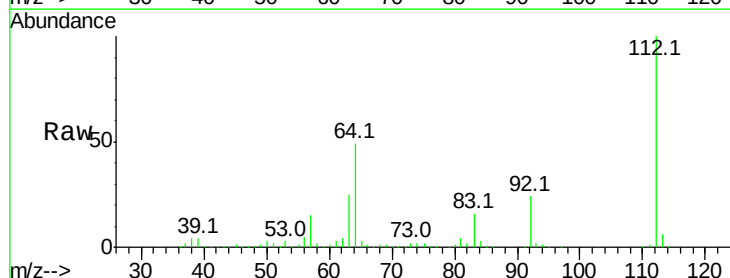
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



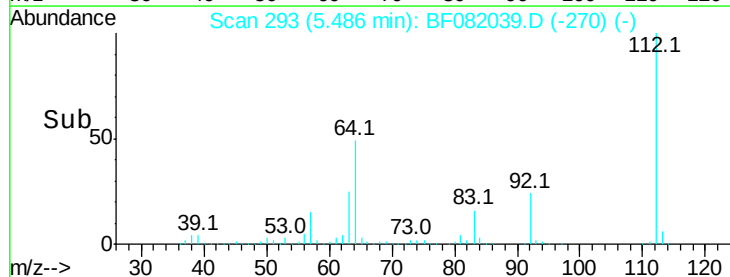
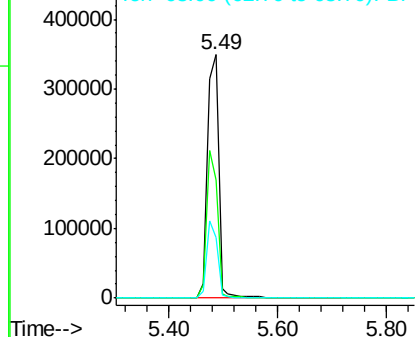
#5

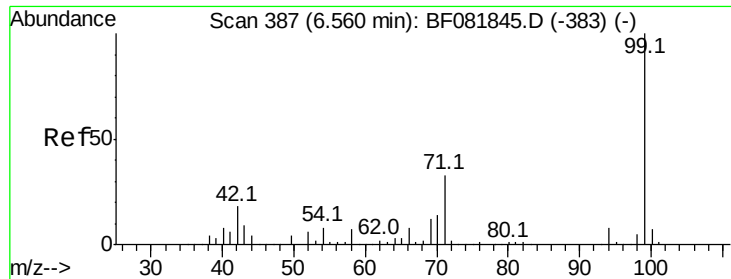
2-Fluorophenol
 Concen: 126.16 ng
 RT: 5.49 min Scan# 293
 Delta R.T. -0.03 min
 Lab File: BF082039.D
 Acq: 3 Oct 2015 23:54

Tgt Ion:112 Resp: 499959
 Ion Ratio Lower Upper
 112 100
 64 48.6 39.7 59.5
 63 24.9 17.4 26.0



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: 129.47 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

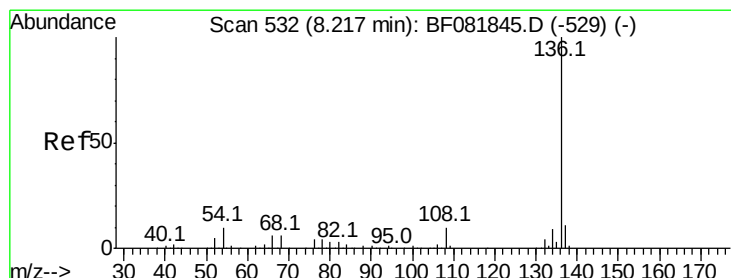
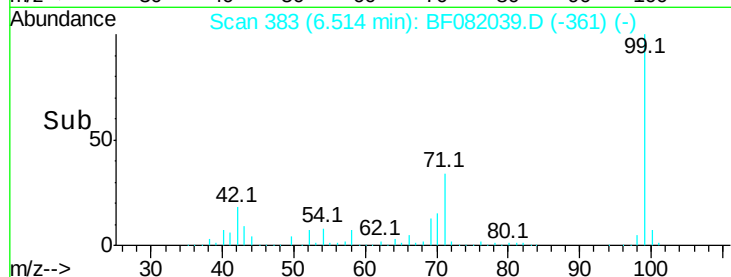
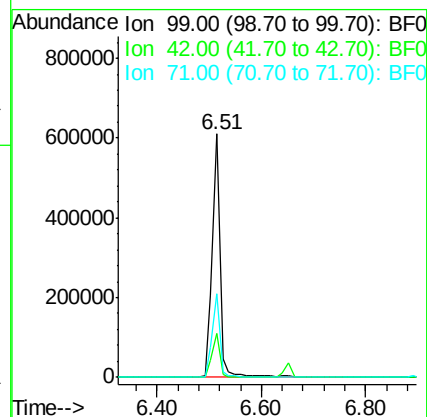
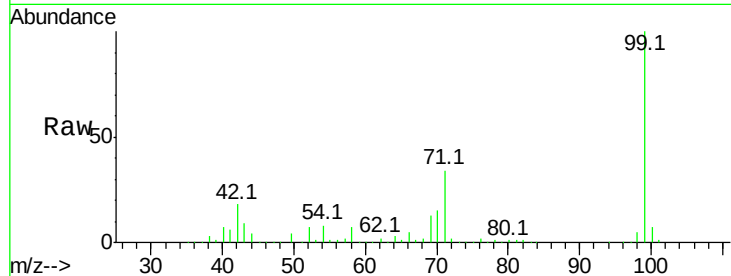
Tot Ion: 99 Resp: 645631

Ion Ratio Lower Upper

99 100

42 17.9 13.7 20.5

71 34.2 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

Tgt Ion:136 Resp: 299851

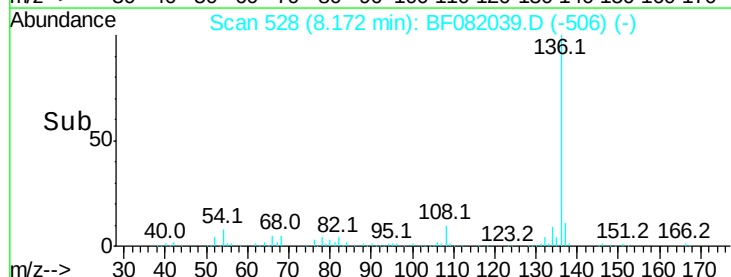
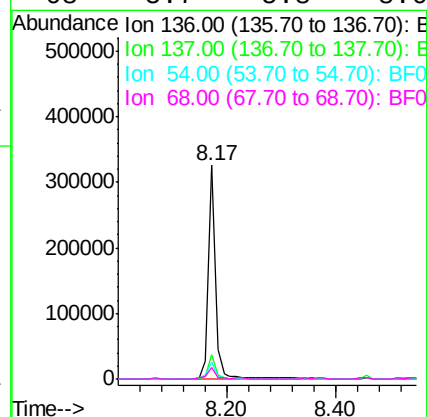
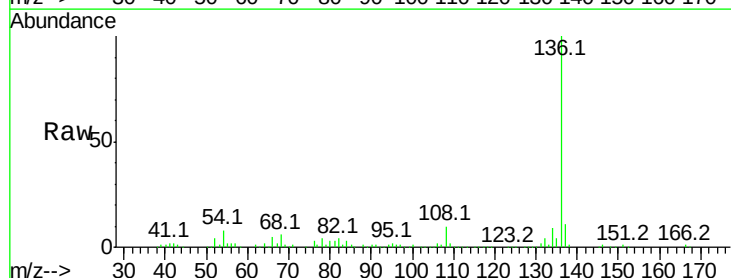
Ion Ratio Lower Upper

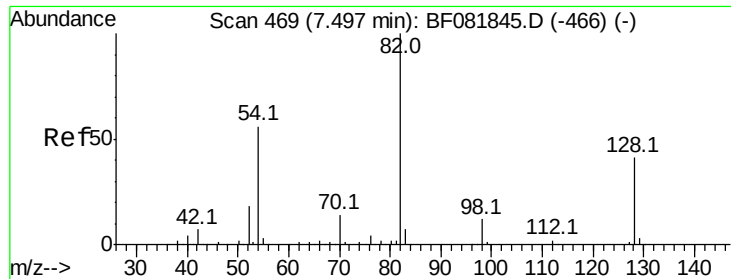
136 100

137 11.3 9.0 13.6

54 8.1 8.2 12.2#

68 5.7 5.8 8.6#

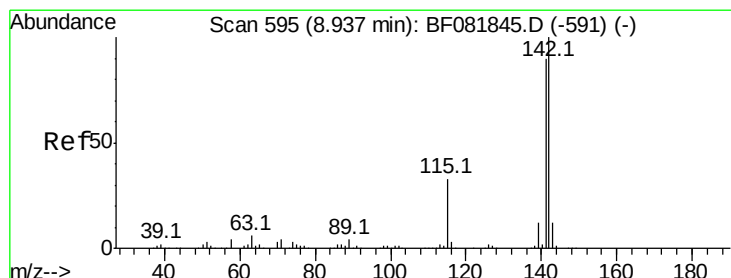
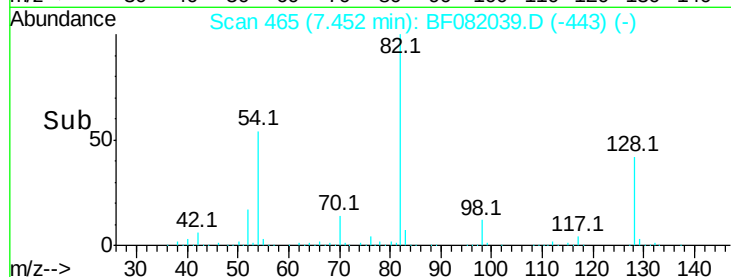
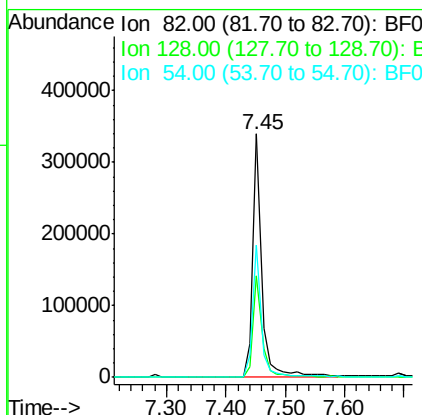
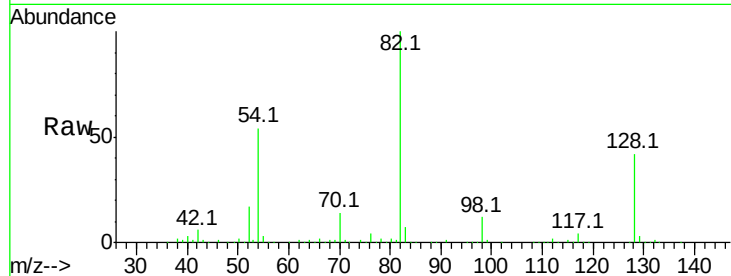




#23
 Nitrobenzene-d5
 Concen: 80.91 ng
 RT: 7.45 min Scan# 465
 Delta R.T. -0.05 min
 Lab File: BF082039.D
 Acq: 3 Oct 2015 23:54

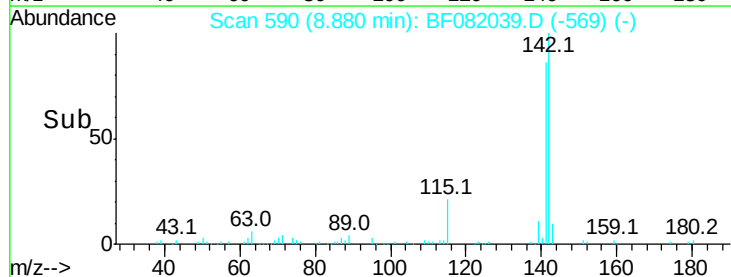
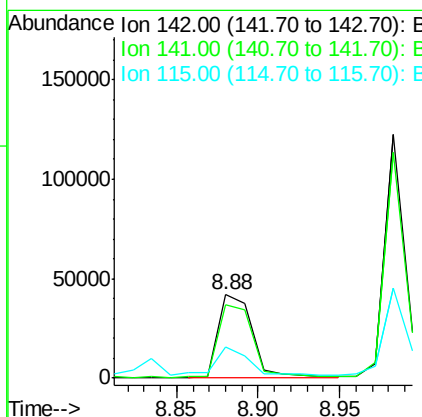
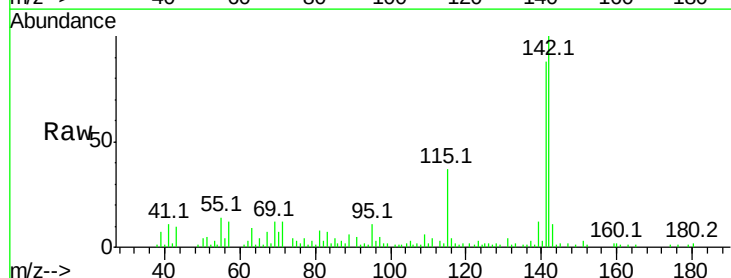
Instrument :
 BNA_F
 ClientSampleId :
 SS-9(0-24)

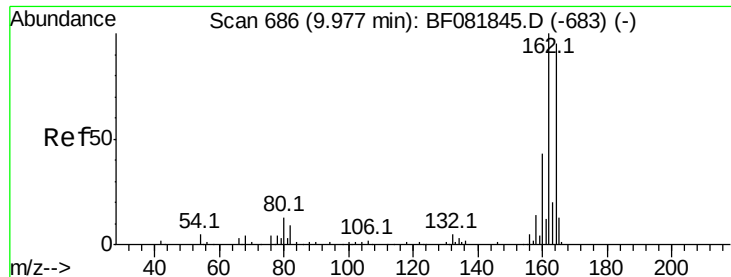
Tot Ion: 82 Resp: 363949
 Ion Ratio Lower Upper
 82 100
 128 41.5 51.0 76.6#
 54 54.3 47.5 71.3



#37
 2-Methylnaphthalene
 Concen: 6.83 ng
 RT: 8.88 min Scan# 590
 Delta R.T. -0.06 min
 Lab File: BF082039.D
 Acq: 3 Oct 2015 23:54

Tgt Ion: 142 Resp: 61933
 Ion Ratio Lower Upper
 142 100
 141 87.9 67.5 101.3
 115 37.3 18.2 27.2#

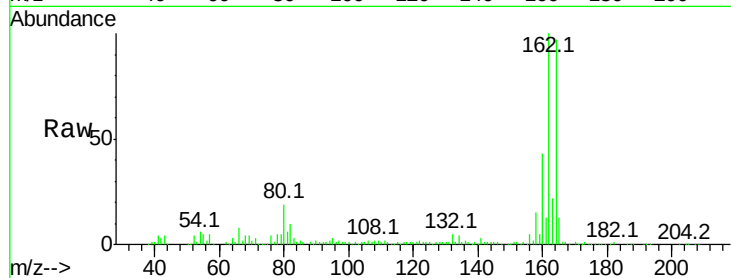




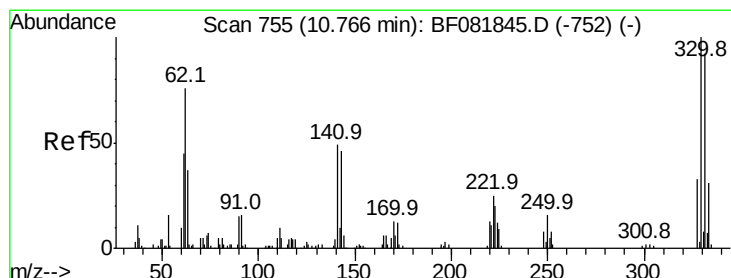
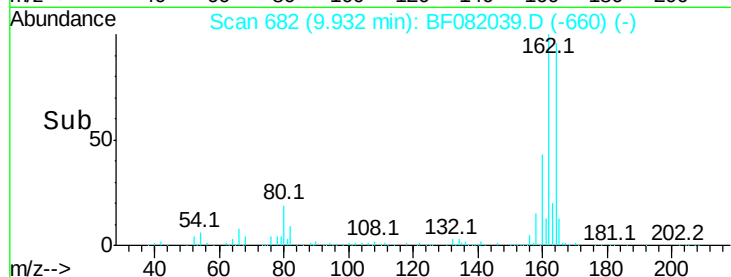
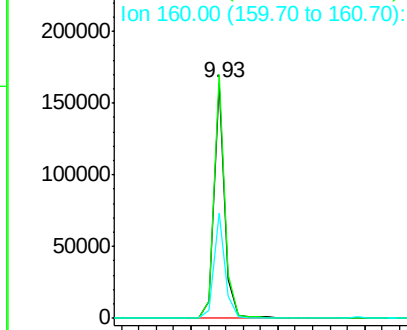
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.05 min
Lab File: BF082039.D
Acq: 3 Oct 2015 23:54

Instrument :
BNA_F
ClientSampleId :
SS-9(0-24)

Tot Ion:164 Resp: 145012
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 45.0 31.5 47.3

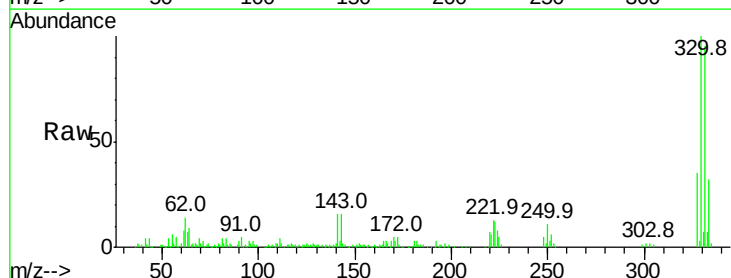


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

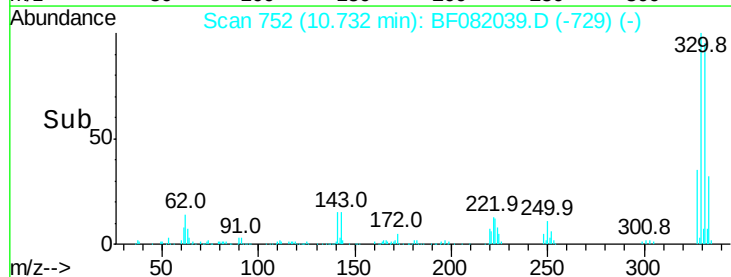
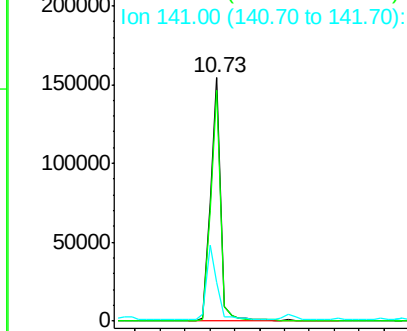


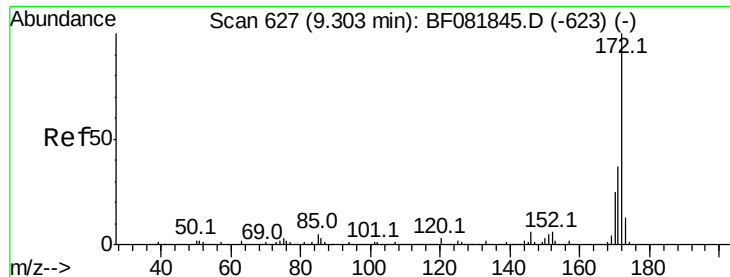
#41
2,4,6-Tribromophenol
Concen: 118.51 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF082039.D
Acq: 3 Oct 2015 23:54

Tgt Ion:330 Resp: 174048
Ion Ratio Lower Upper
330 100
332 94.9 76.6 114.8
141 30.9 29.7 44.5



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: 80.91 ng

RT: 9.26 min Scan# 623

Delta R.T. -0.05 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

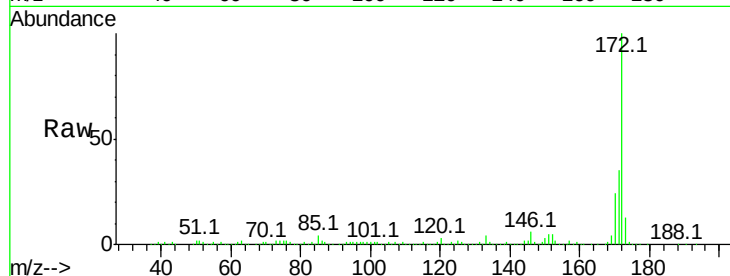
Tot Ion:172 Resp: 707798

Ion Ratio Lower Upper

172 100

171 35.5 26.1 39.1

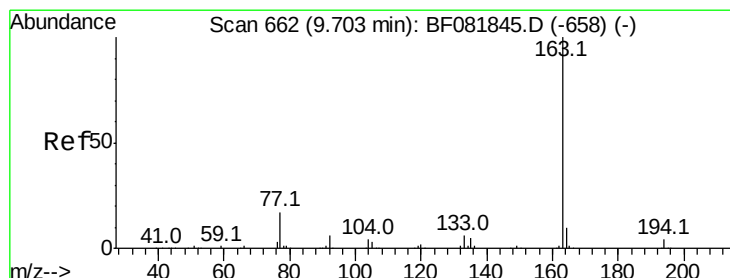
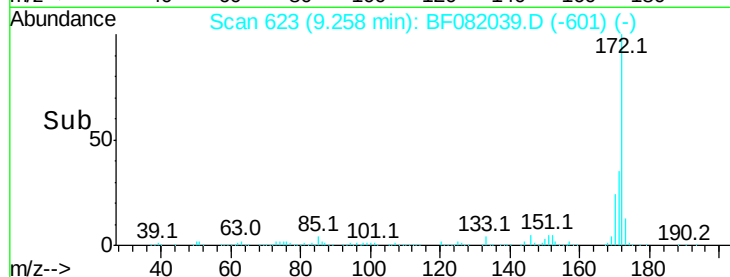
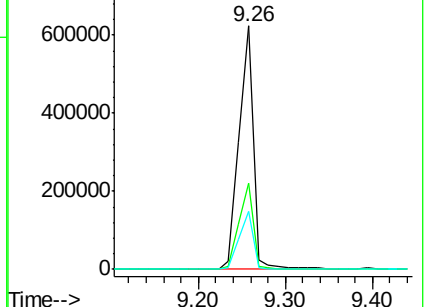
170 23.9 17.4 26.2



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: 16.44 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

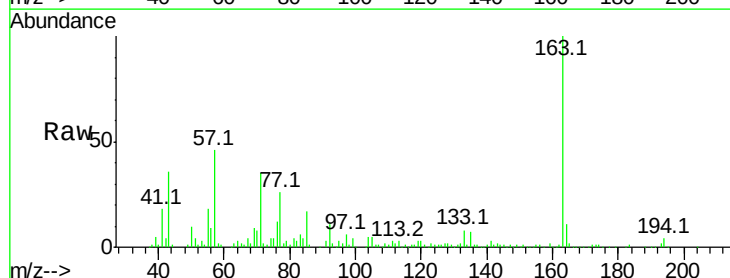
Tgt Ion:163 Resp: 164530

Ion Ratio Lower Upper

163 100

194 3.5 4.4 6.6#

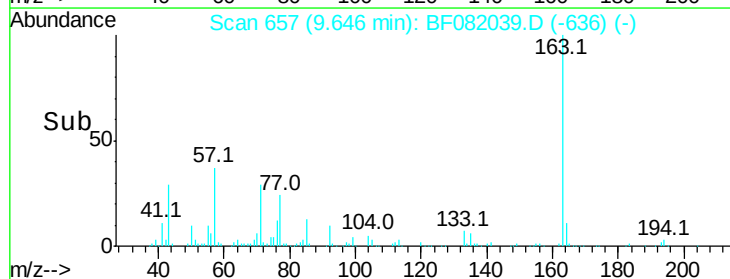
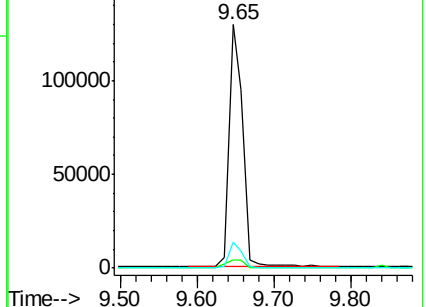
164 10.8 8.3 12.5

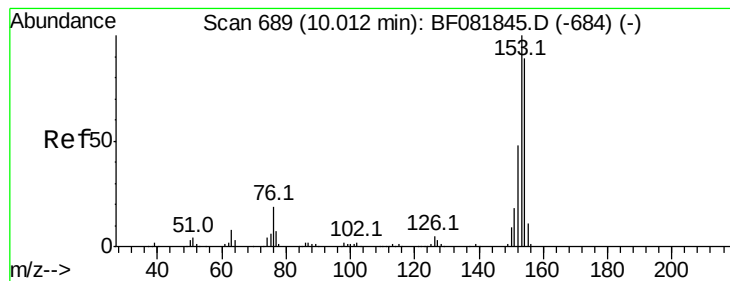


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.22 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.05 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

Instrument :

BNA_F

ClientSampleId :

SS-9(0-24)

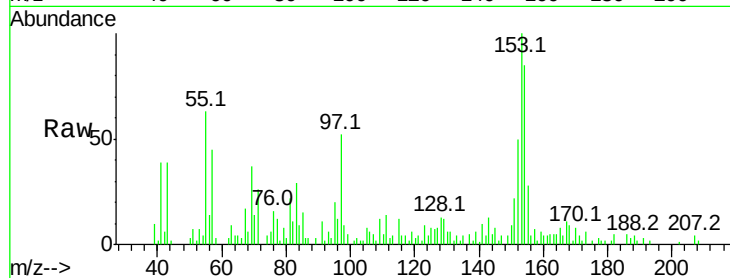
Tot Ion:154 Resp: 18560

Ion Ratio Lower Upper

154 100

153 117.2 82.1 123.1

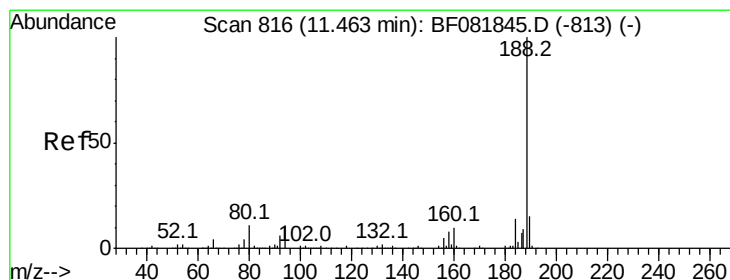
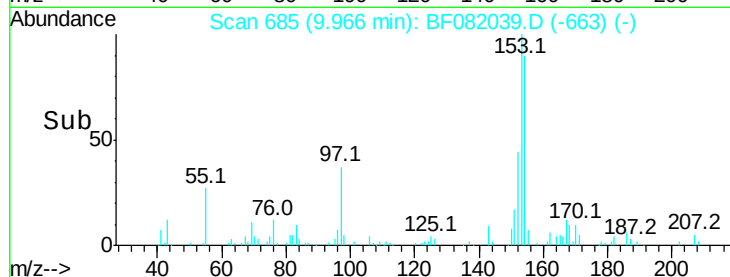
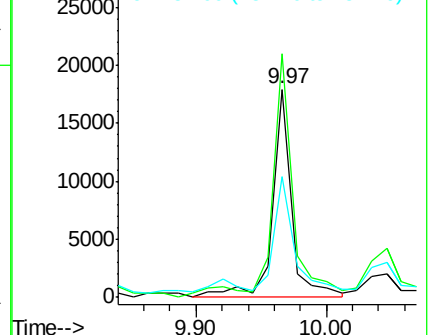
152 58.1 37.9 56.9#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.43 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

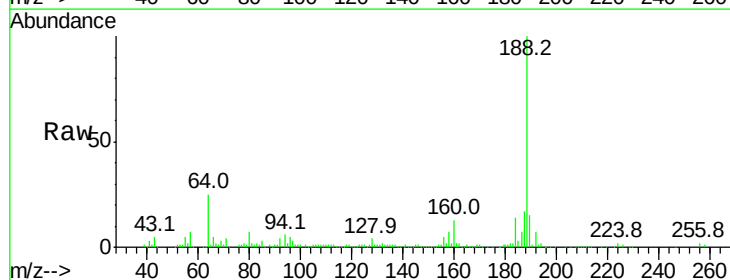
Tgt Ion:188 Resp: 267798

Ion Ratio Lower Upper

188 100

94 6.4 11.1 16.7#

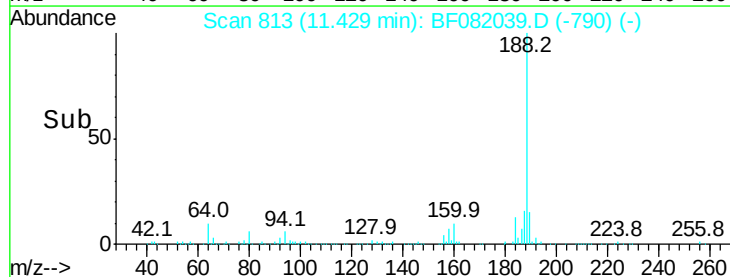
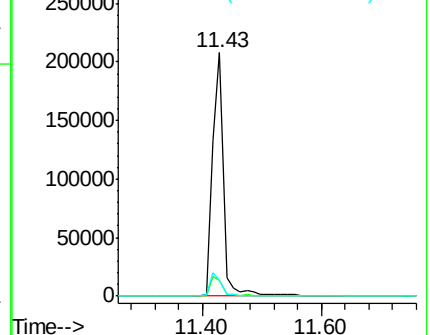
80 6.6 11.0 16.4#

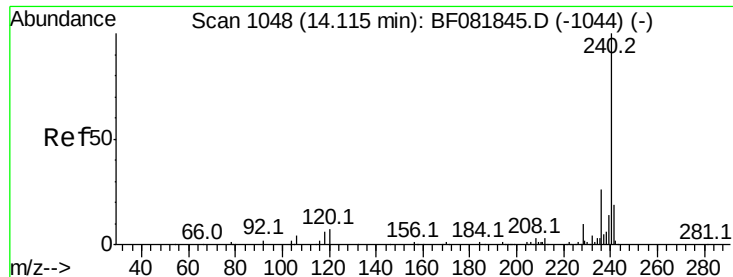


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

Instrument :

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SS-9(0-24)

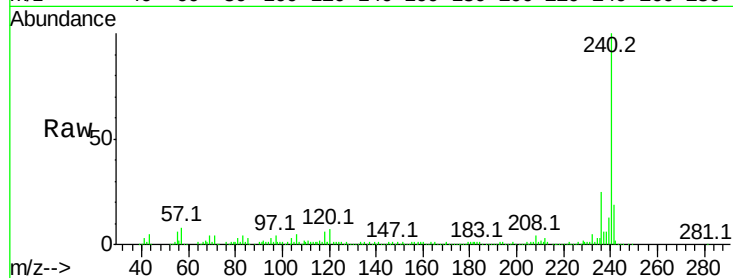
Tot Ion:240 Resp: 224713

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

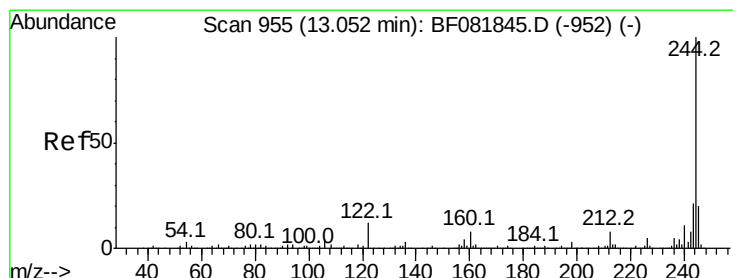
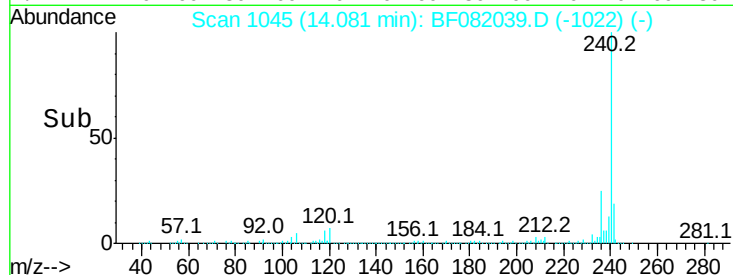
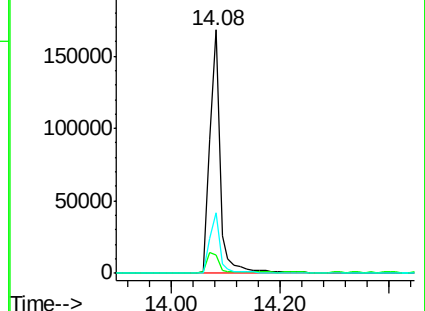
236 25.0 18.4 27.6



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: 100.93 ng

RT: 13.03 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082039.D

Acq: 3 Oct 2015 23:54

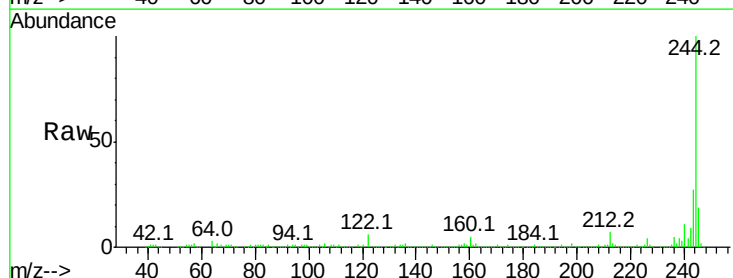
Tgt Ion:244 Resp: 666374

Ion Ratio Lower Upper

244 100

212 6.5 4.3 6.5#

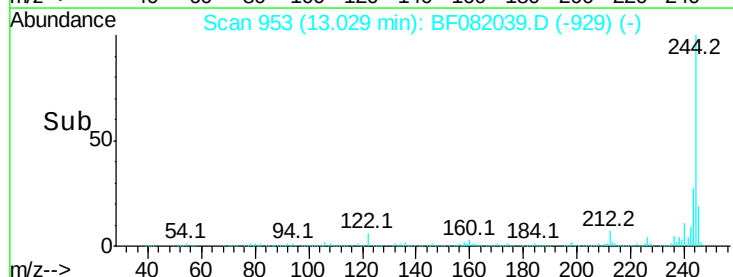
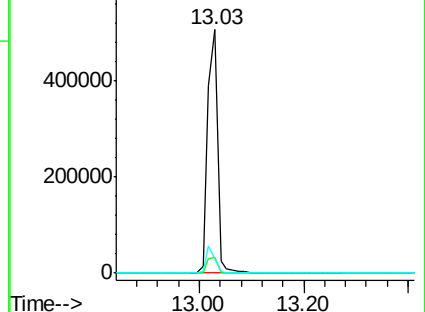
122 5.9 17.4 26.2#

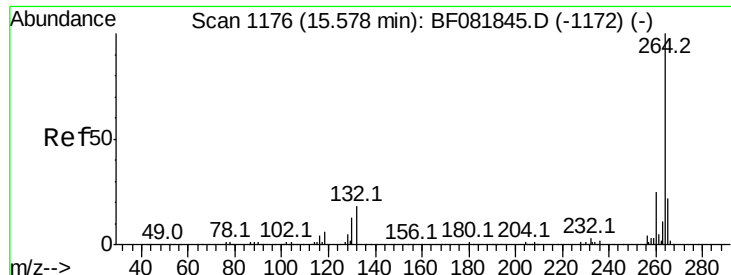


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



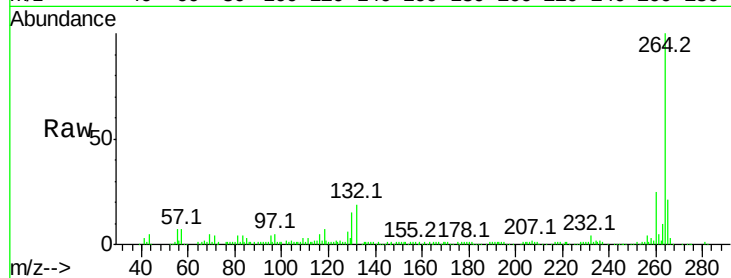


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF082039.D
Acq: 3 Oct 2015 23:54

Instrument :
BNA_F
ClientSampleId :
SS-9(0-24)

Tot Ion:264 Resp: 211449

Ion	Ratio	Lower	Upper
264	100		
260	24.6	16.7	25.1
265	21.4	17.2	25.8



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

