

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088122.D
 Acq On : 18 Jun 2016 6:00
 Operator : UM/SJ
 Sample : H3574-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: Jun 18 06:37:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

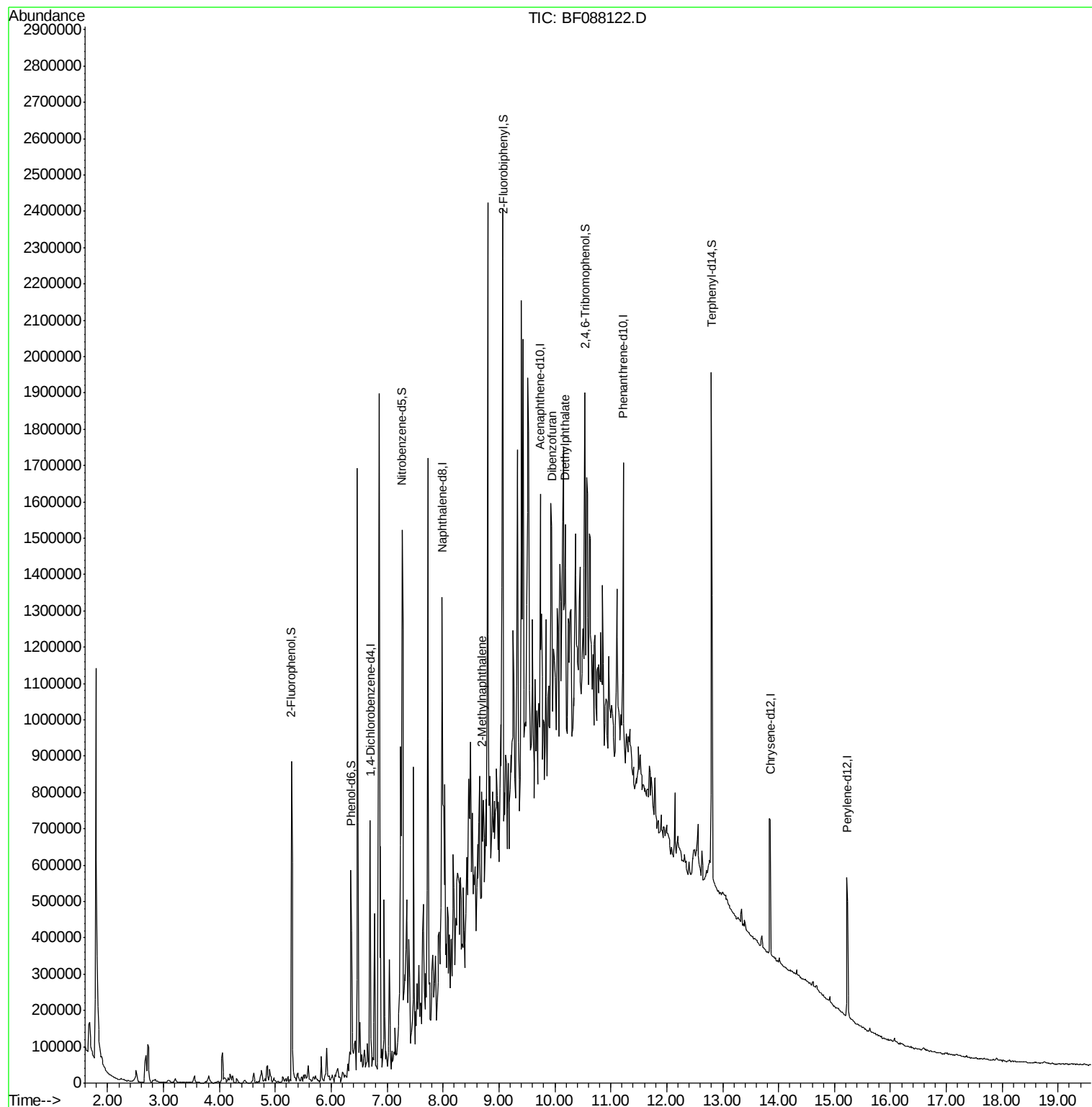
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102460	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	389301	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	164948	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	268659	20.00	ng	0.01
75) Chrysene-d12	13.85	240	200362	20.00	ng	0.00
86) Perylene-d12	15.22	264	198863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	359891	60.05	ng	0.01
7) Phenol-d6	6.35	99	298335	41.07	ng	0.00
23) Nitrobenzene-d5	7.27	82	503299	75.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	158326	90.90	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	870465	82.75	ng	0.00
78) Terphenyl-d14	12.80	244	589958	67.00	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.70	142	113328	8.92	ng	# 96
54) Dibenzofuran	9.94	168	50781	3.48	ng	# 62
59) Diethylphthalate	10.18	149	35768	2.96	ng	# 40

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

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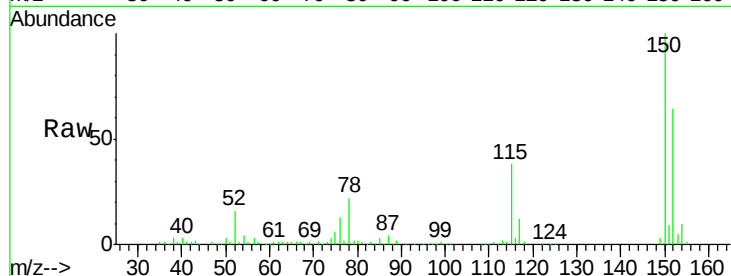




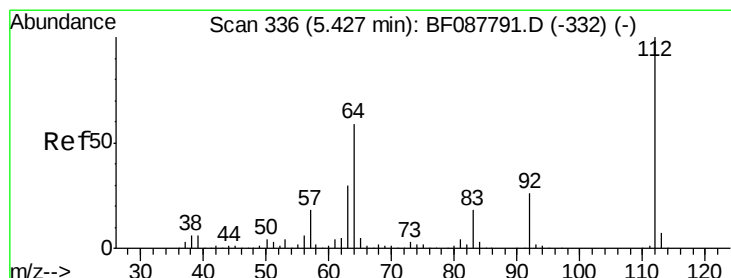
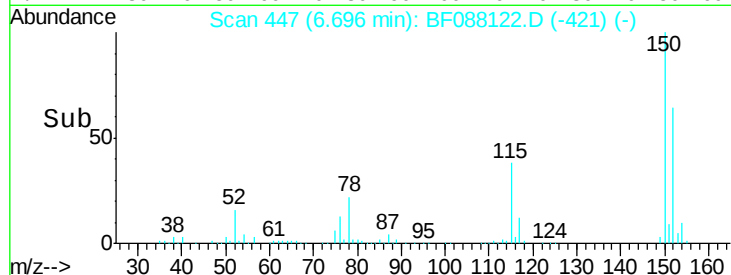
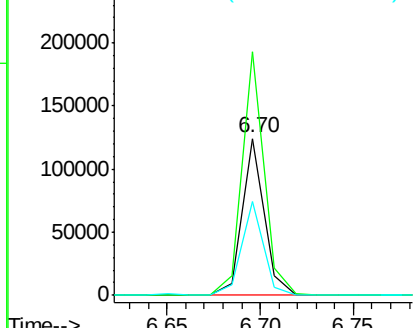
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF088122.D
 Acq: 18 Jun 2016 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tot Ion:152 Resp: 102460
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.8 185.6
 115 59.8 39.6 59.4#

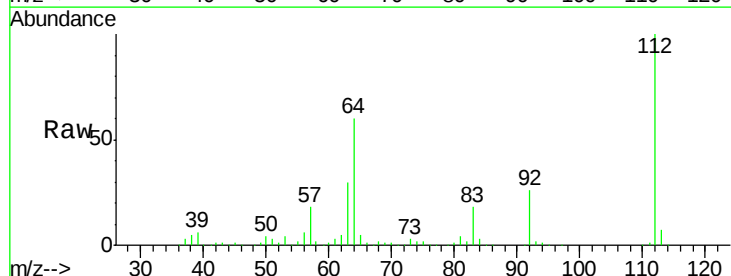


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

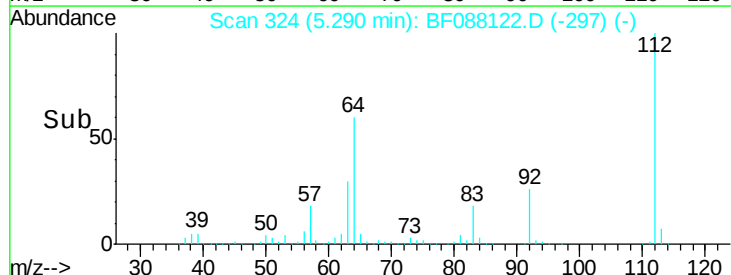
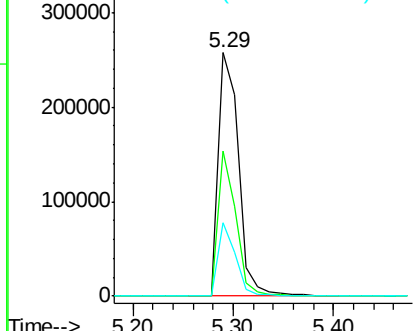


#5
 2-Fluorophenol
 Concen: 60.05 ng
 RT: 5.29 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: BF088122.D
 Acq: 18 Jun 2016 6:00

Tgt Ion:112 Resp: 359891
 Ion Ratio Lower Upper
 112 100
 64 59.6 42.2 63.2
 63 30.3 21.8 32.8



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: 41.07 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampled :

MW-26

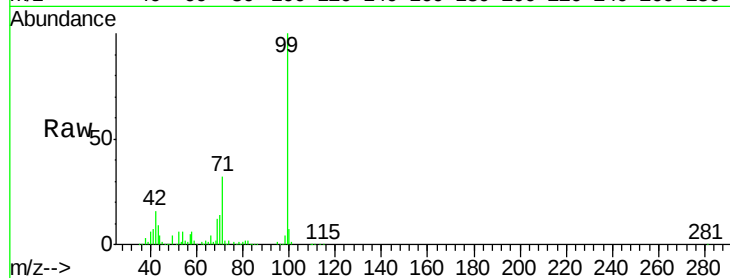
Tot Ion: 99 Resp: 298335

Ion Ratio Lower Upper

99 100

42 15.9 12.2 18.2

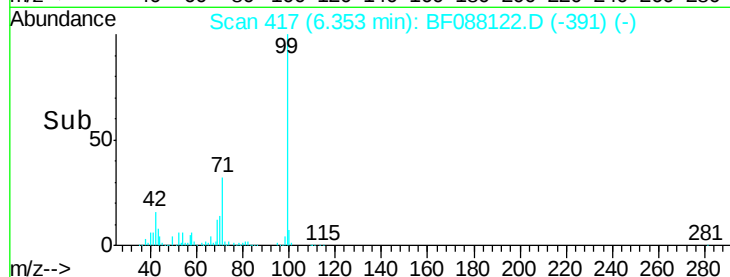
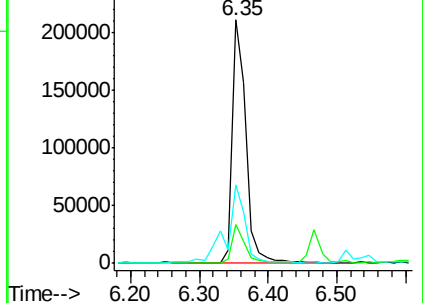
71 32.4 23.4 35.0



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: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Tgt Ion: 136 Resp: 389301

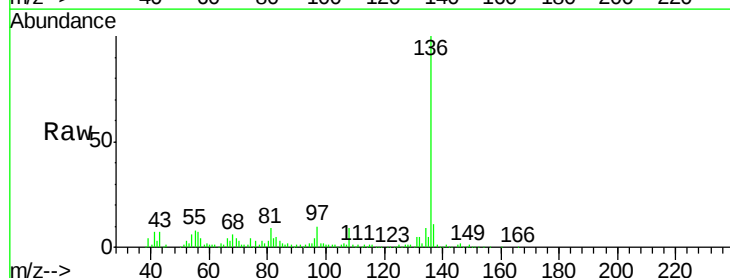
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.2 6.6 10.0#

68 5.8 5.1 7.7

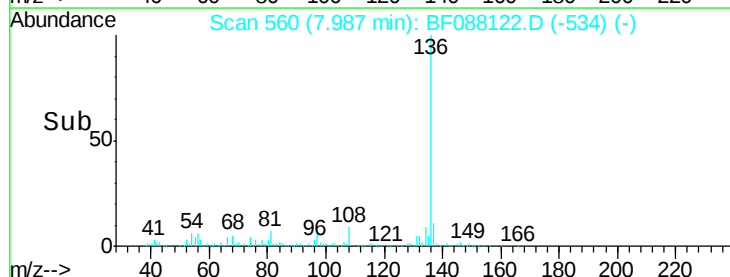
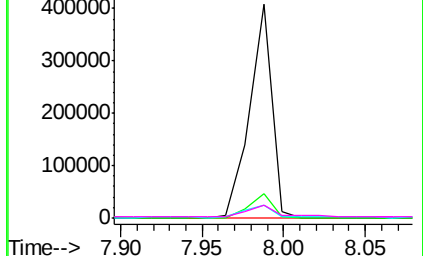


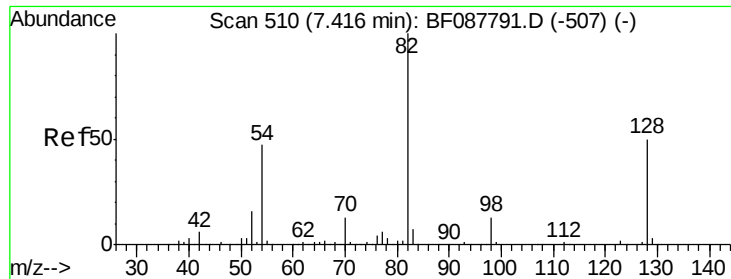
Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.49 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampled :

MW-26

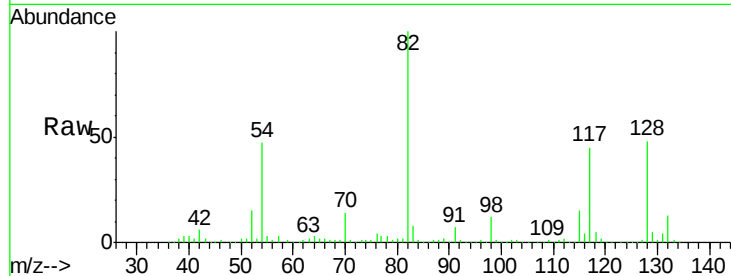
Tot Ion: 82 Resp: 503299

Ion Ratio Lower Upper

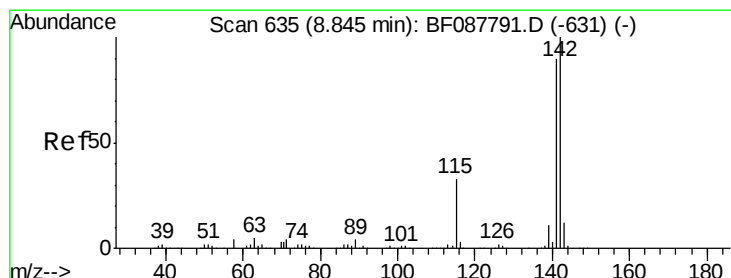
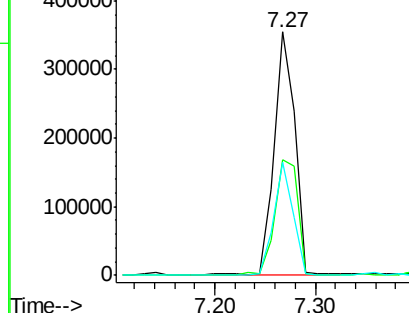
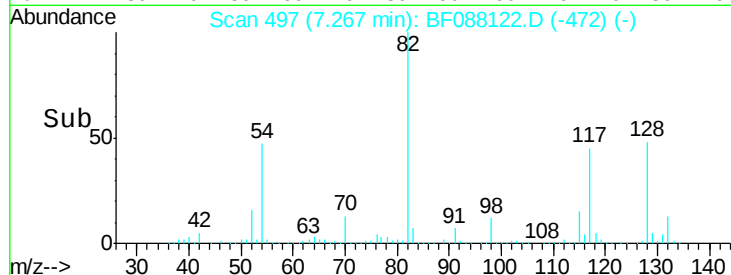
82 100

128 47.7 35.9 53.9

54 46.6 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



#37

2-Methylnaphthalene

Concen: 8.92 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

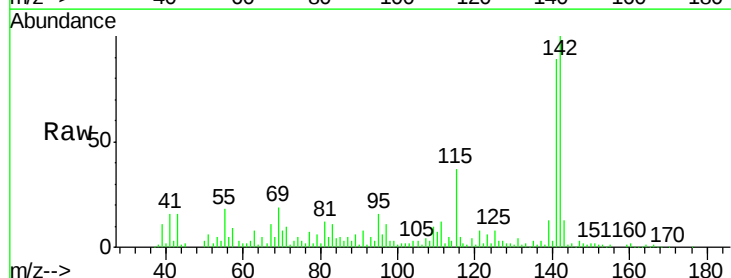
Tgt Ion:142 Resp: 113328

Ion Ratio Lower Upper

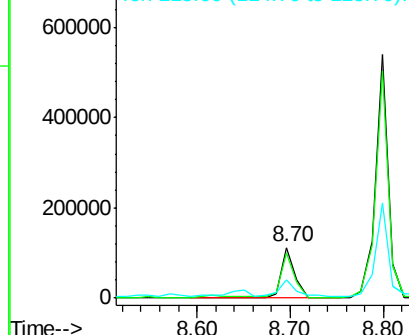
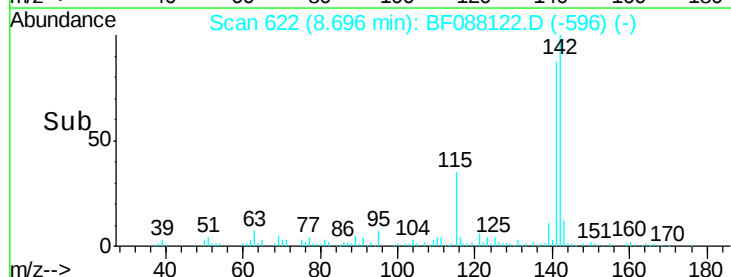
142 100

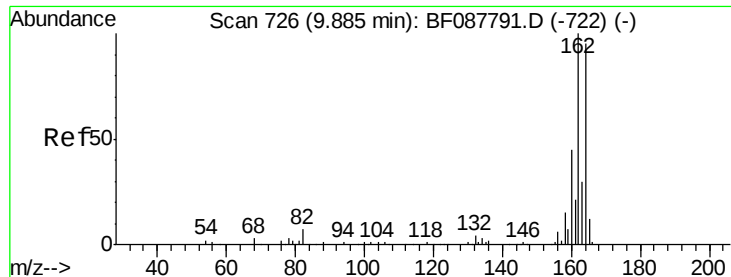
141 89.2 71.0 106.6

115 37.0 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): B
Ion 141.00 (140.70 to 141.70): B
Ion 115.00 (114.70 to 115.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampleId :

MW-26

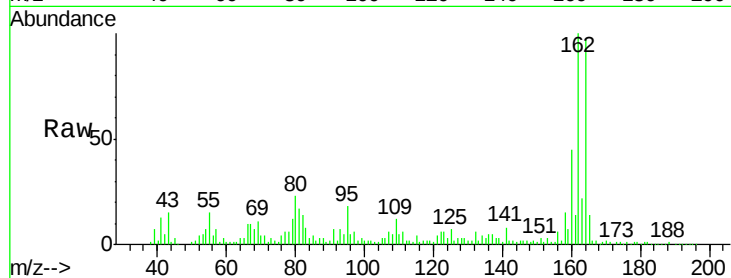
Tot Ion:164 Resp: 164948

Ion Ratio Lower Upper

164 100

162 103.6 85.4 128.2

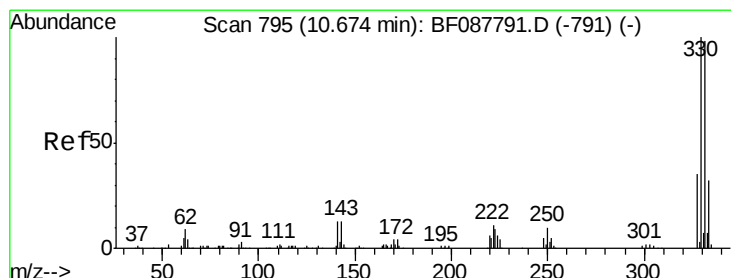
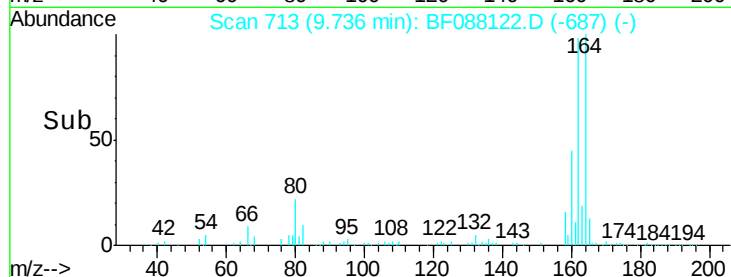
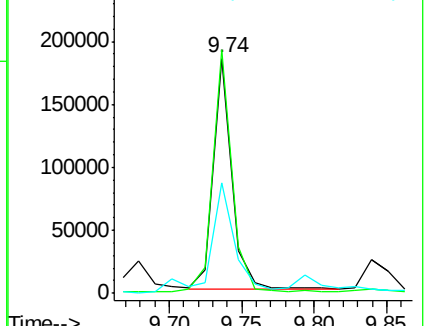
160 46.8 39.5 59.3



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: 90.90 ng

RT: 10.54 min Scan# 783

Delta R.T. 0.01 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

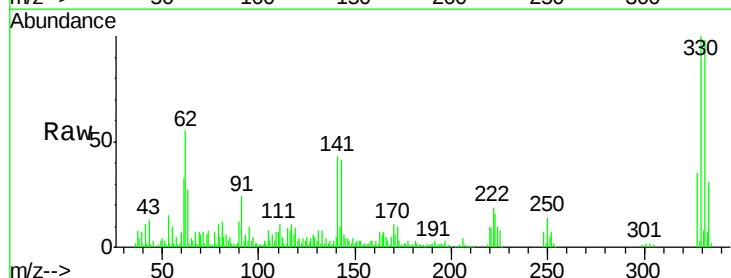
Tgt Ion:330 Resp: 158326

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

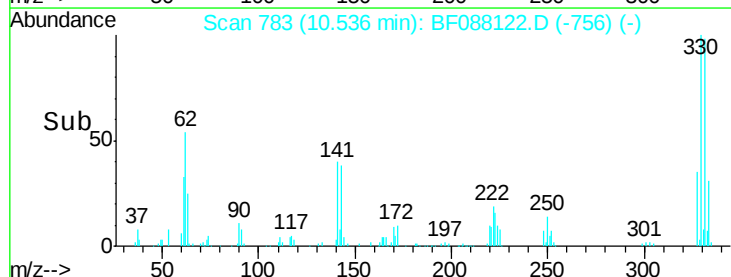
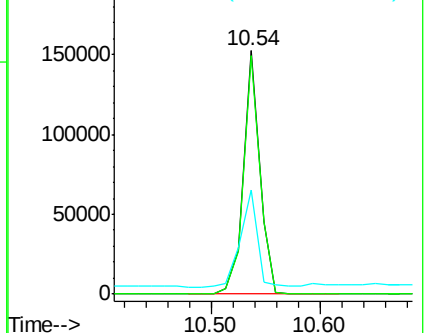
141 41.0 0.0 0.0#

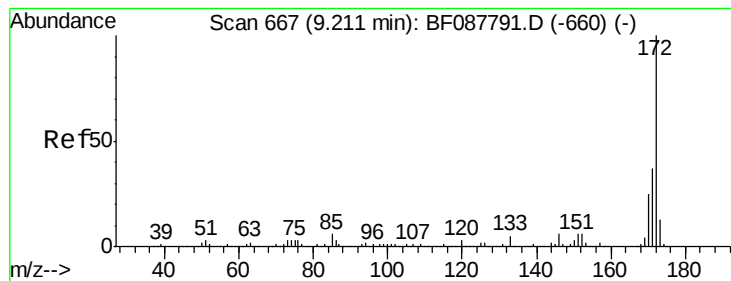


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.75 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampleId :

MW-26

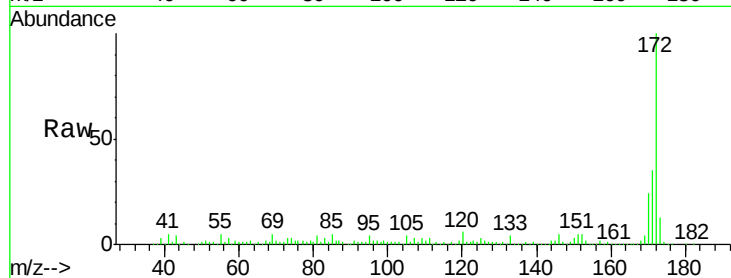
Tot Ion:172 Resp: 870465

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

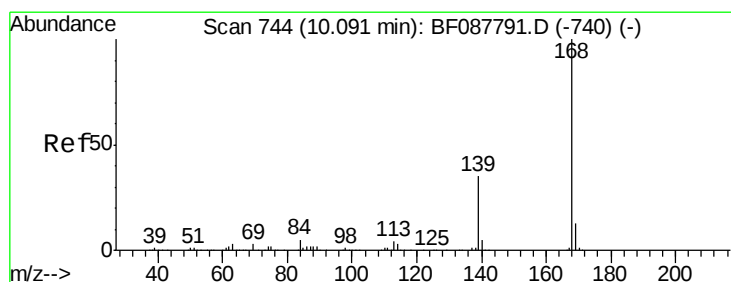
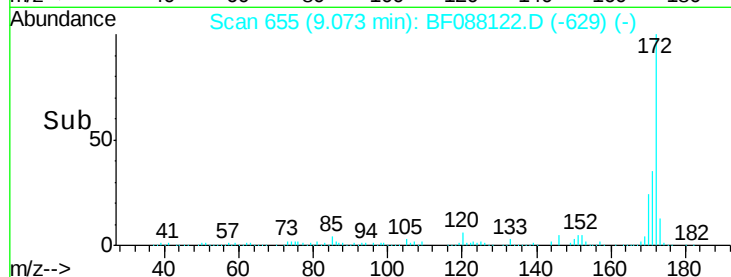
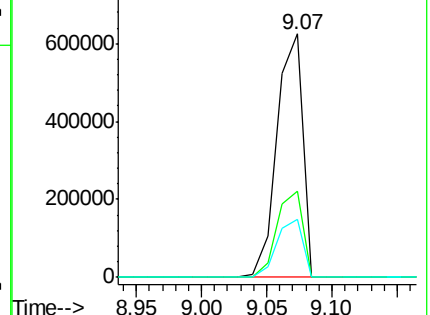
170 24.0 19.2 28.8



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



#54

Dibenzofuran

Concen: 3.48 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

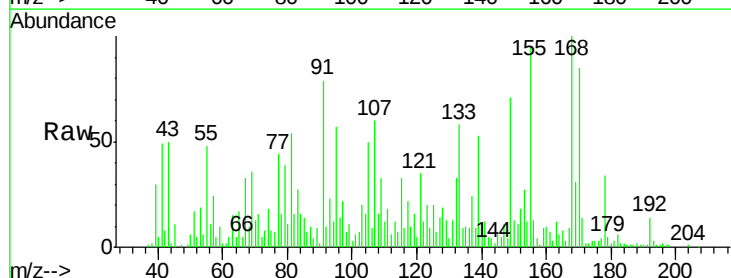
Tgt Ion:168 Resp: 50781

Ion Ratio Lower Upper

168 100

139 52.7 26.4 39.6#

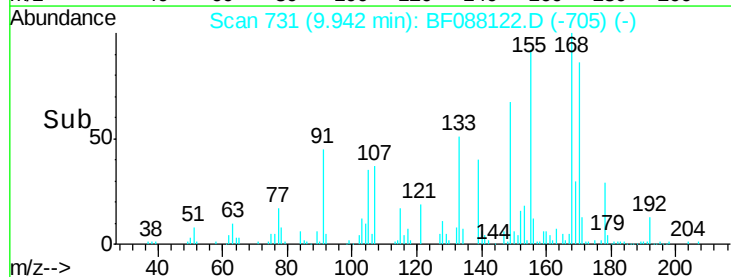
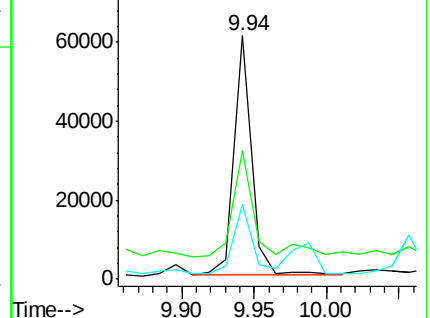
169 30.9 10.4 15.6#

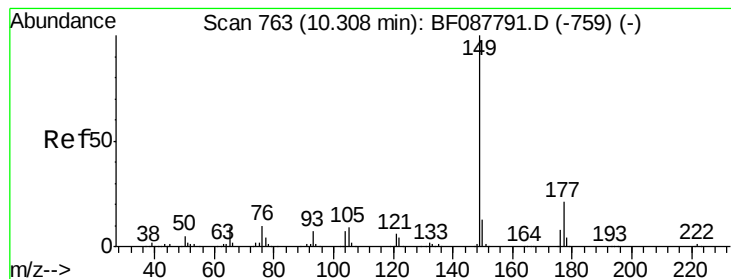


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#59

Diethylphthalate

Concen: 2.96 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampled :

MW-26

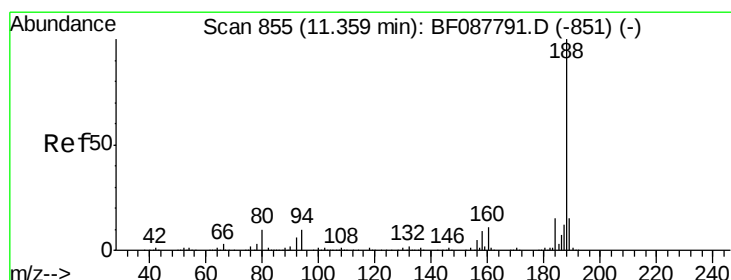
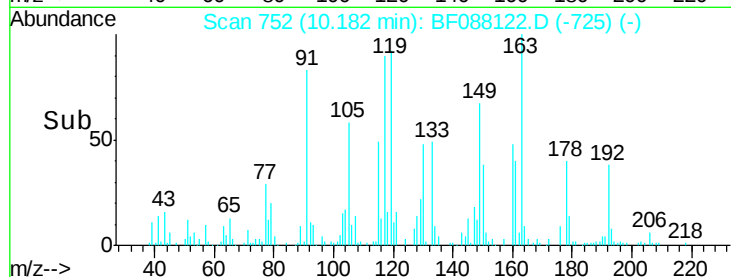
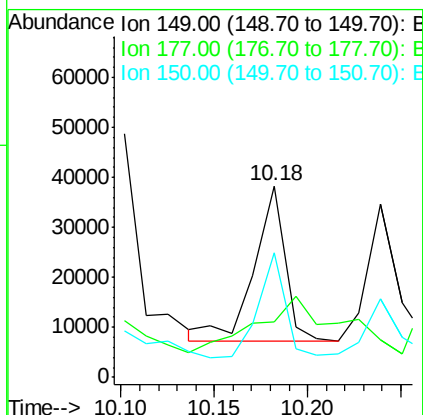
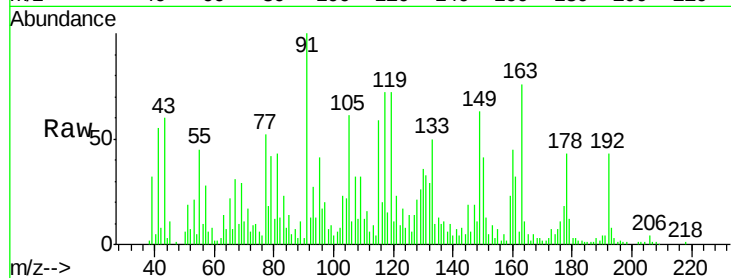
Tot Ion:149 Resp: 35768

Ion Ratio Lower Upper

149 100

177 28.8 16.9 25.3#

150 65.2 10.1 15.1#



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

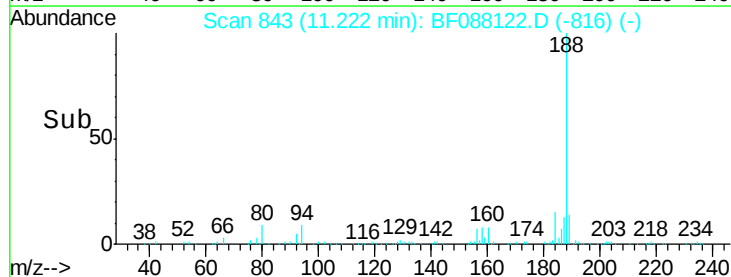
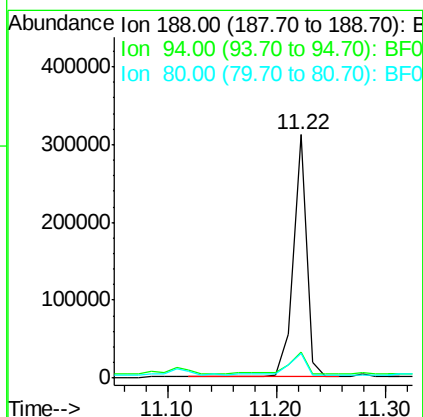
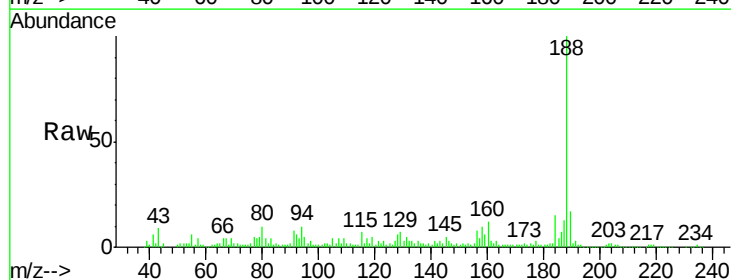
Tgt Ion:188 Resp: 268659

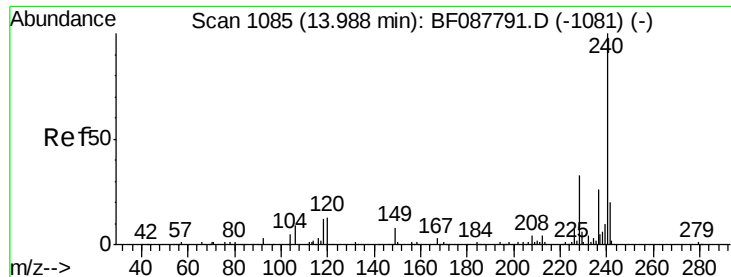
Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.6

80 10.4 10.0 15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

Instrument :

BNA_F

ClientSampleId :

MW-26

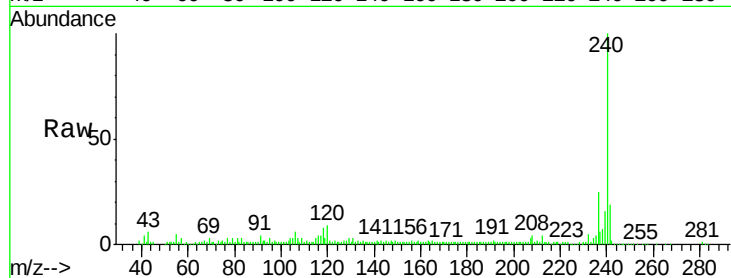
Tot Ion:240 Resp: 200362

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

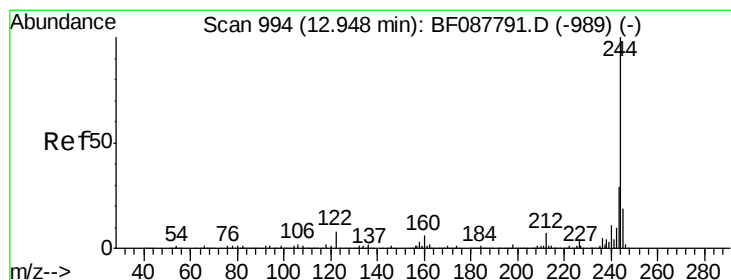
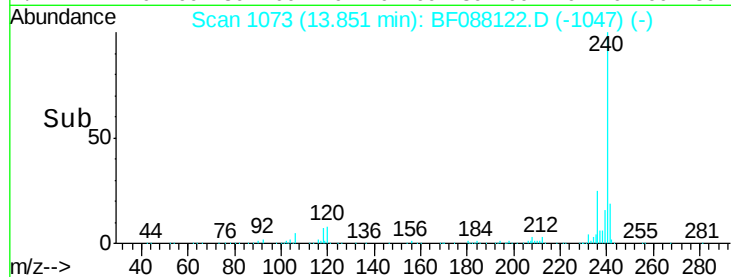
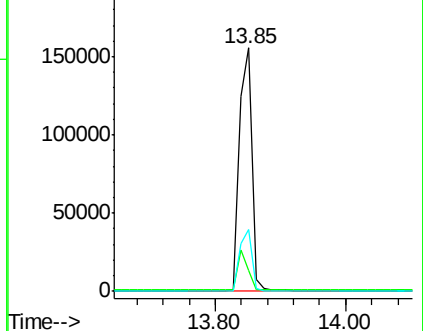
236 25.4 20.2 30.2



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: 67.00 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088122.D

Acq: 18 Jun 2016 6:00

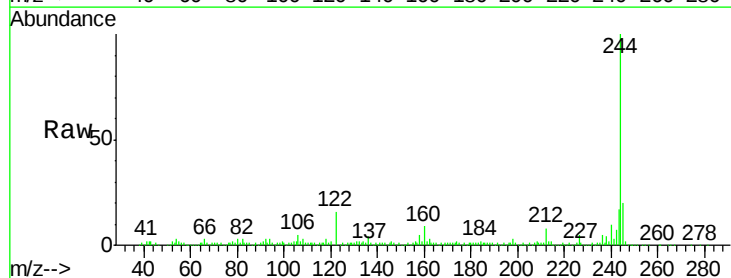
Tgt Ion:244 Resp: 589958

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

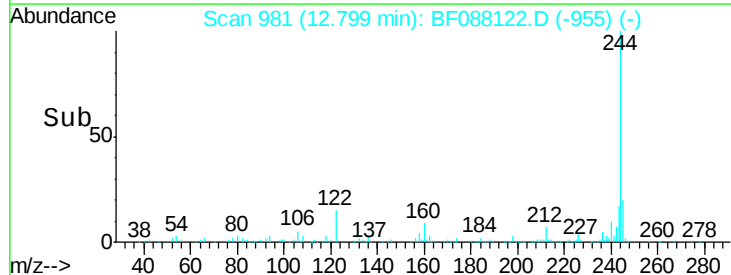
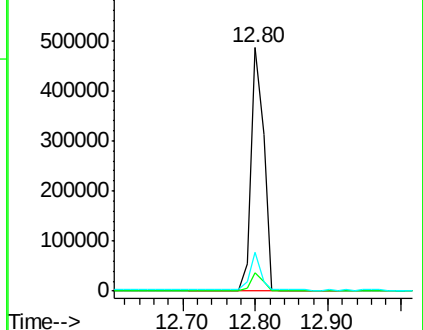
122 15.7 11.2 16.8

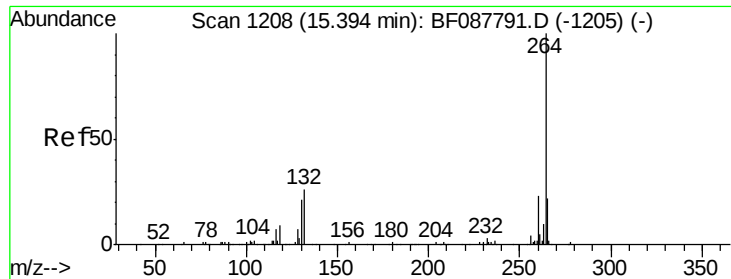


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088122.D
 Acq: 18 Jun 2016 6:00

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.6	16.9	25.3

