

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092404.D
 Acq On : 21 Jan 2017 8:20
 Operator : UM/SJ
 Sample : I1267-06
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: Jan 23 00:28:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jan 22 23:53:24 2017
 Response via : Initial Calibration

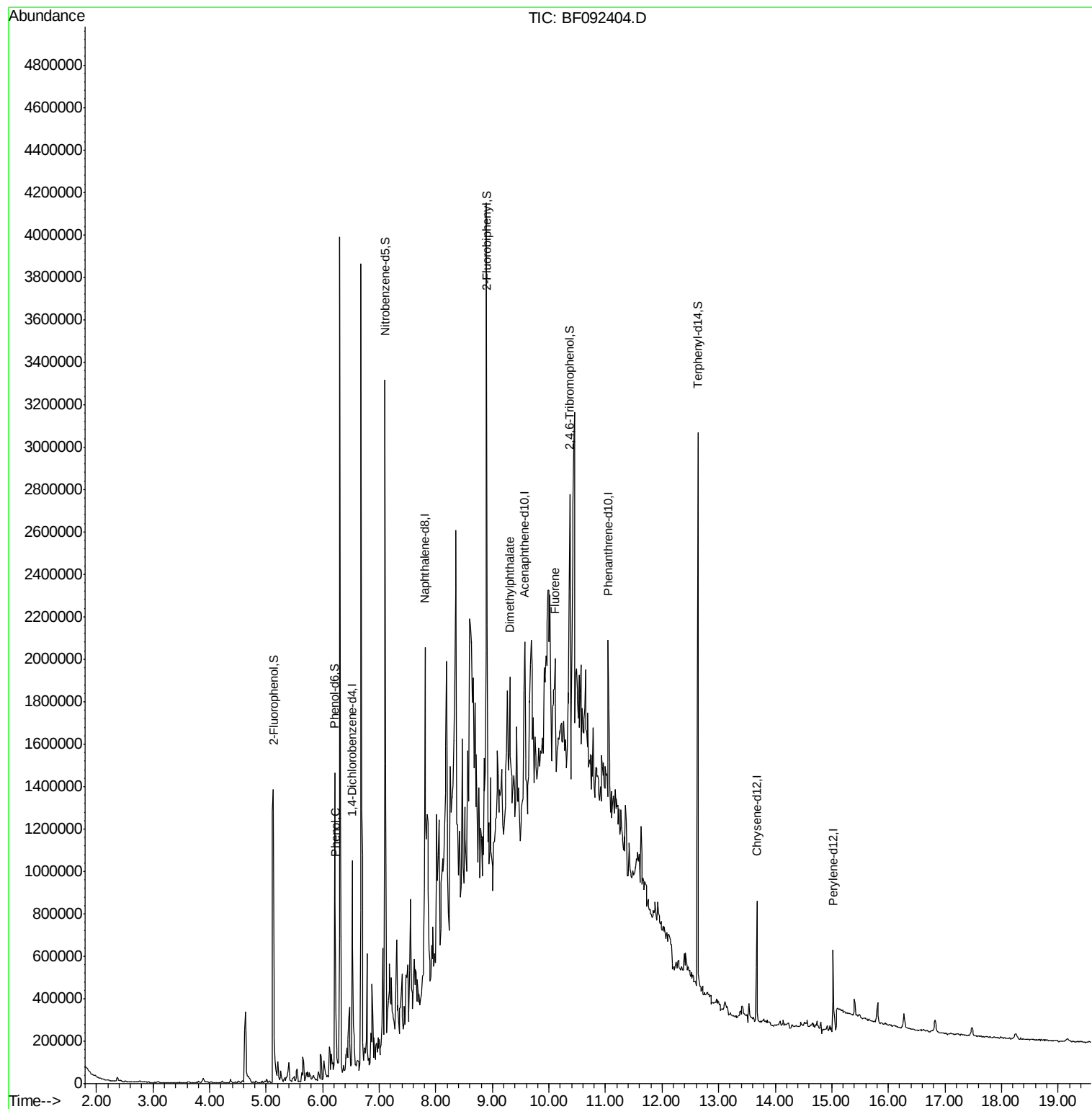
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	180553	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	646161	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	209185	20.00	ng	0.01
63) Phenanthrene-d10	11.04	188	259959	20.00	ng	0.01
75) Chrysene-d12	13.67	240	219052	20.00	ng	0.00
86) Perylene-d12	15.02	264	160824	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	741592	68.58	ng	0.02
7) Phenol-d6	6.21	99	686259	51.98	ng	0.01
23) Nitrobenzene-d5	7.10	82	1033642	88.95	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	205803	118.88	ng	0.02
44) 2-Fluorobiphenyl	8.90	172	1200612	123.43	ng	0.00
78) Terphenyl-d14	12.63	244	944667	104.59	ng	0.01
Target Compounds						
10) Phenol	6.22	94	45809	3.04	ng	Qvalue 85
49) Dimethylphthalate	9.31	163	72362	5.41	ng	# 44
57) Fluorene	10.11	166	24376	2.10	ng	# 75

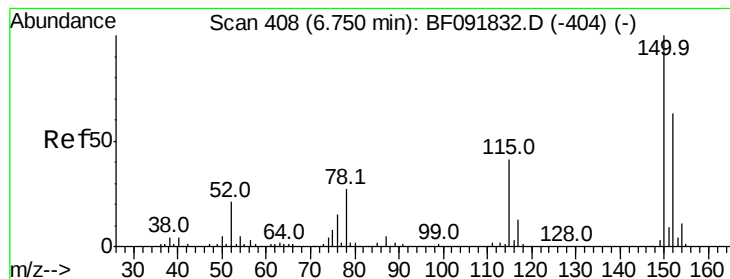
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
Data File : BF092404.D
Acq On : 21 Jan 2017 8:20
Operator : UM/SJ
Sample : I1267-06
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-20

Quant Time: Jan 23 00:28:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jan 22 23:53:24 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampled :

MW-20

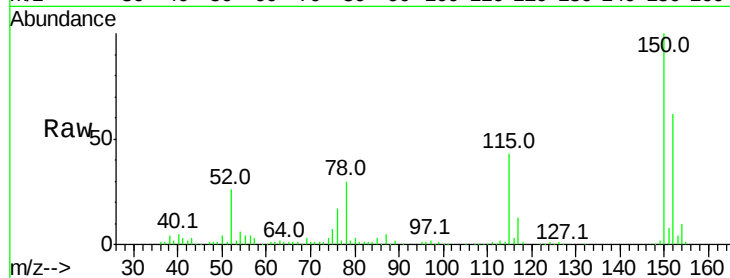
Tot Ion:152 Resp: 180553

Ion Ratio Lower Upper

152 100

150 160.5 124.9 187.3

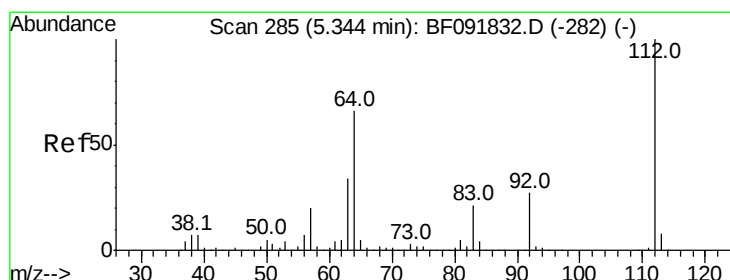
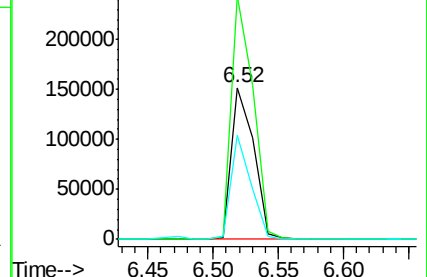
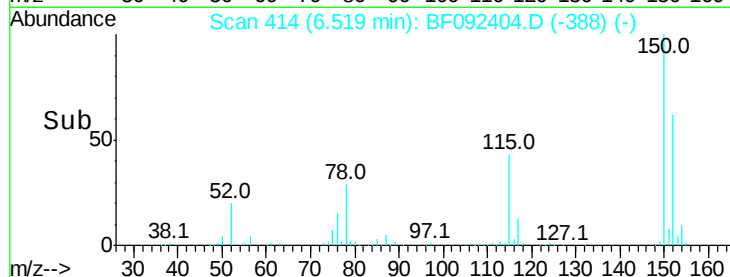
115 68.3 46.0 69.0



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: 68.58 ng

RT: 5.12 min Scan# 292

Delta R.T. 0.02 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

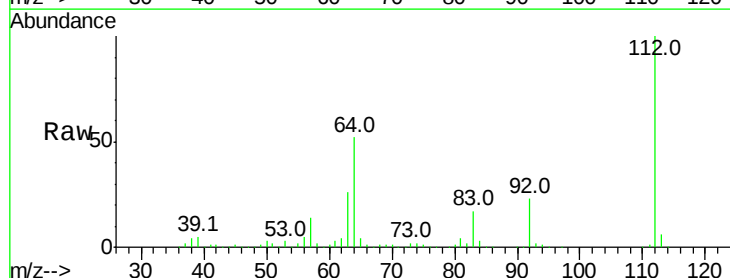
Tgt Ion:112 Resp: 741592

Ion Ratio Lower Upper

112 100

64 51.9 46.1 69.1

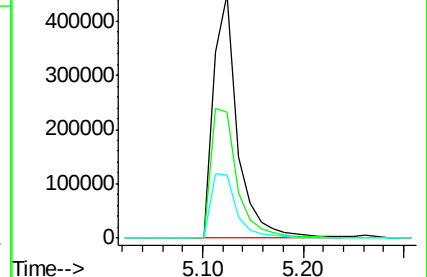
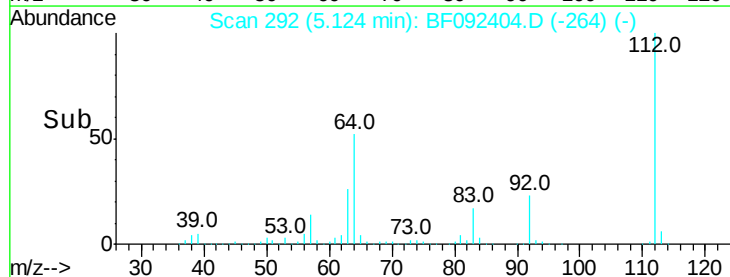
63 25.7 23.8 35.6

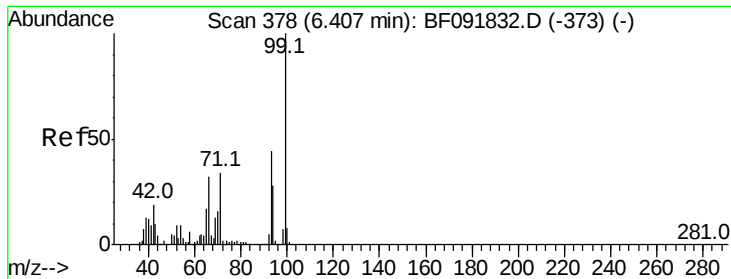


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.98 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampleId :

MW-20

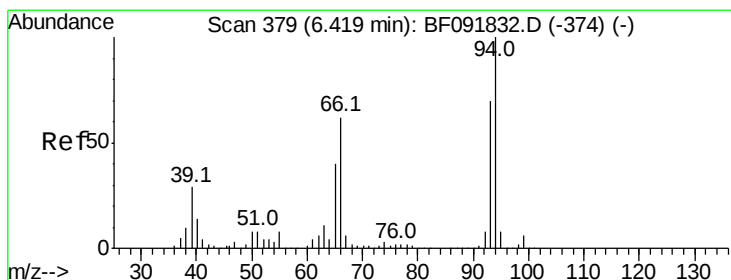
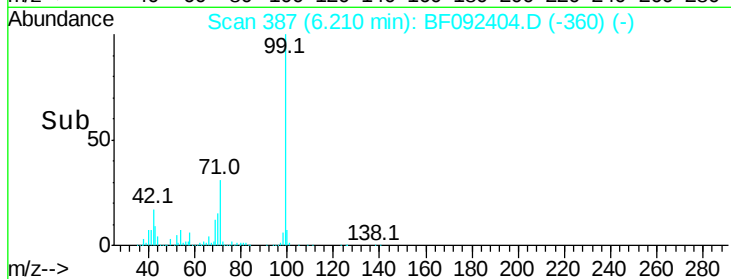
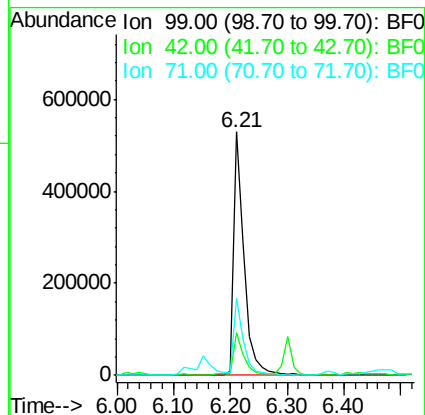
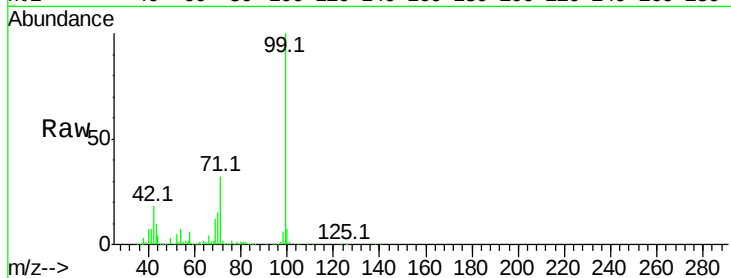
Tot Ion: 99 Resp: 686259

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

71 31.6 27.5 41.3



#10

Phenol

Concen: 3.04 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

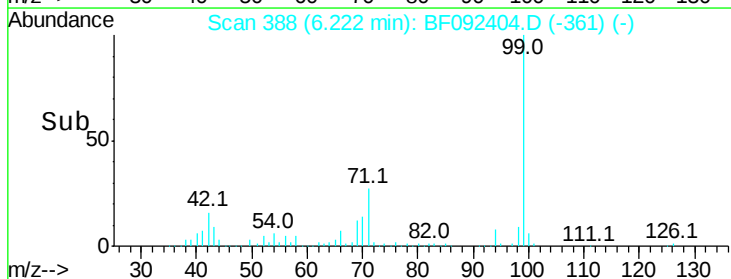
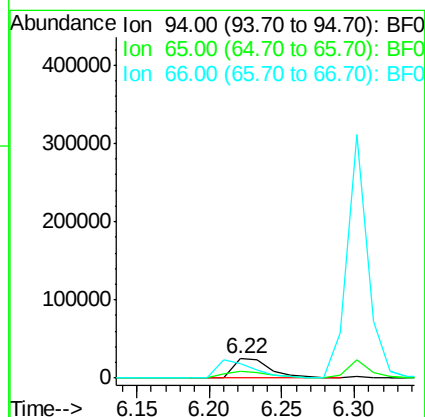
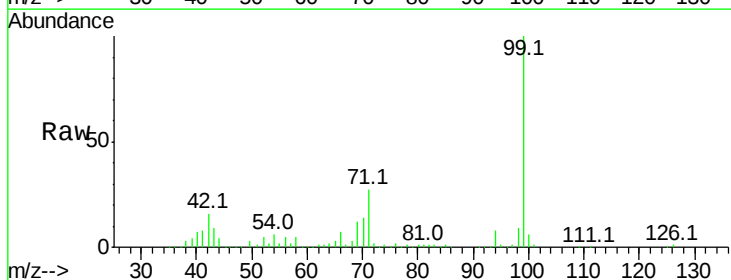
Tgt Ion: 94 Resp: 45809

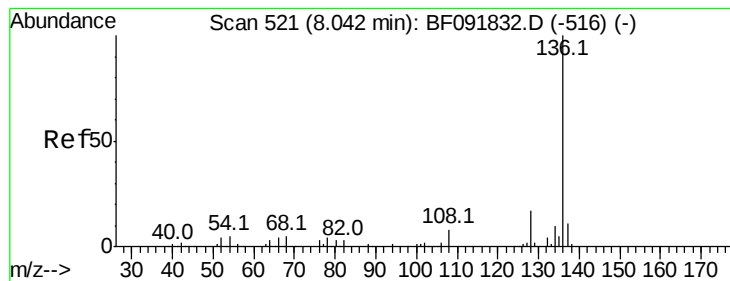
Ion Ratio Lower Upper

94 100

65 36.0 21.4 61.4

66 78.5 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampleId :

MW-20

Tot Ion:136 Resp: 646161

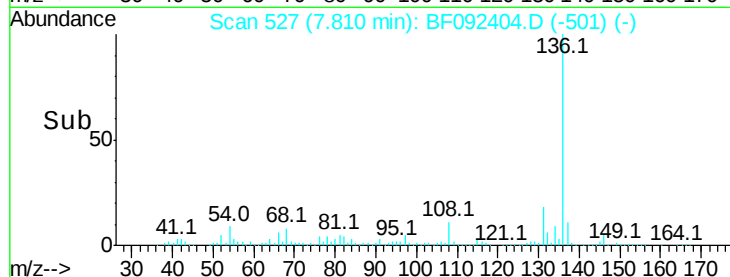
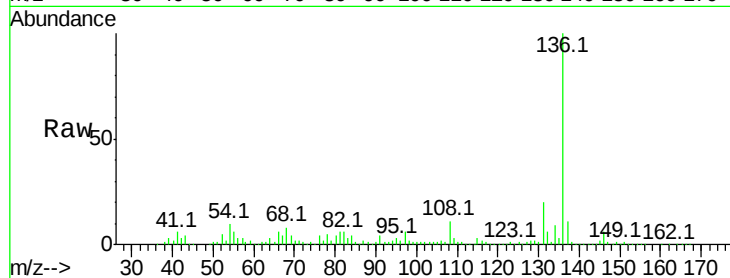
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 9.6 4.5 6.7#

68 8.3 3.6 5.4#



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

Time-->

7.70 7.80 7.90 8.00

800000

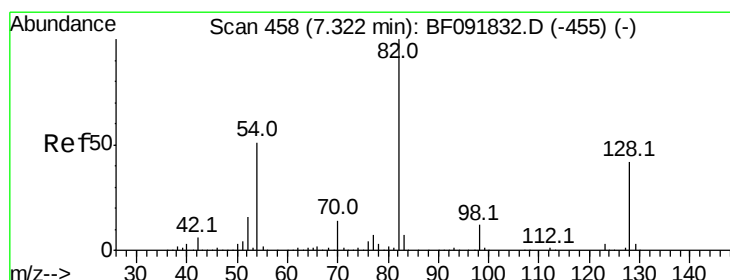
600000

400000

200000

0

7.81



#23

Nitrobenzene-d5

Concen: 88.95 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

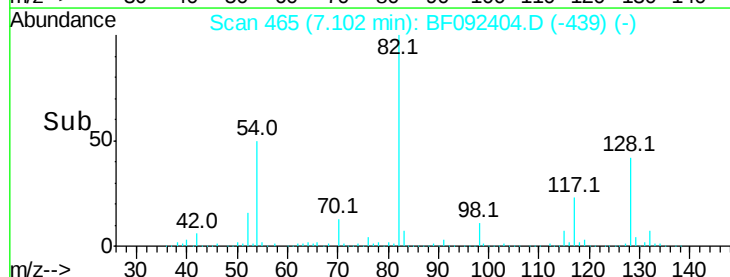
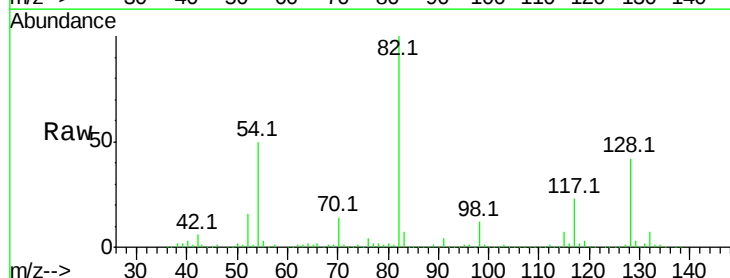
Tgt Ion: 82 Resp: 1033642

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

54 49.9 39.5 59.3



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

Time-->

7.00 7.10 7.20

1200000

1000000

800000

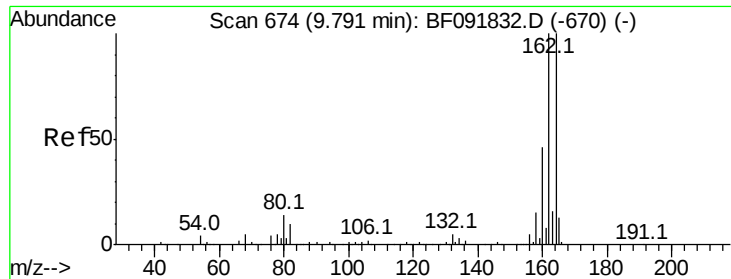
600000

400000

200000

0

7.10



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampleId :

MW-20

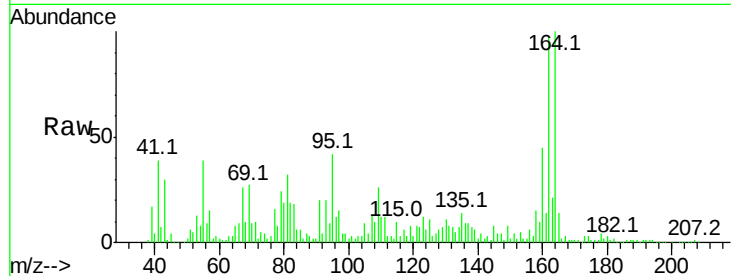
Tot Ion:164 Resp: 209185

Ion Ratio Lower Upper

164 100

162 97.2 80.2 120.2

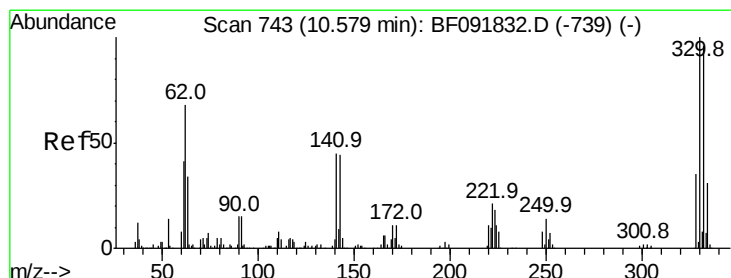
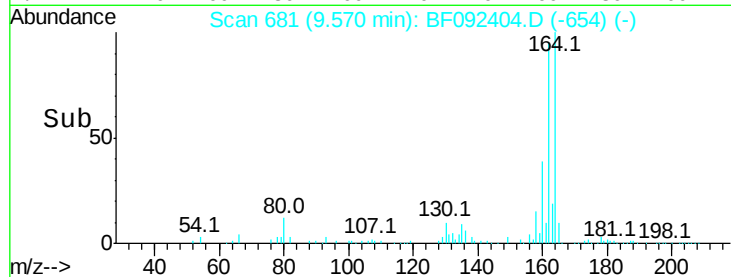
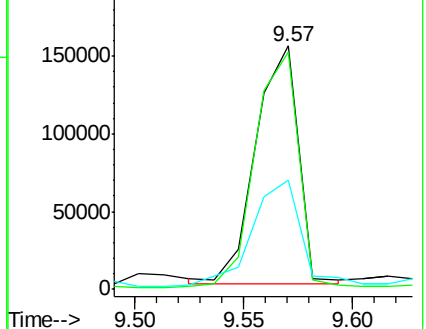
160 45.0 36.9 55.3



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: 118.88 ng

RT: 10.37 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

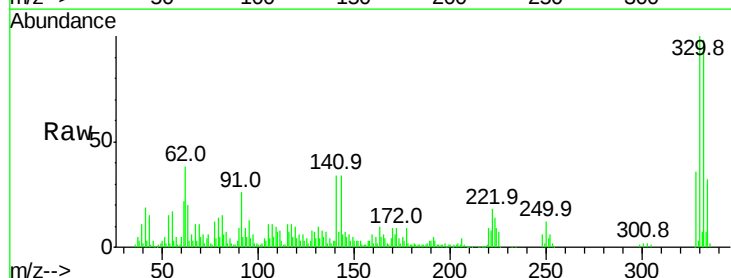
Tgt Ion:330 Resp: 205803

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

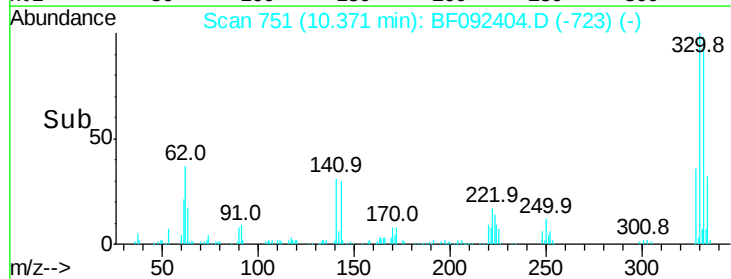
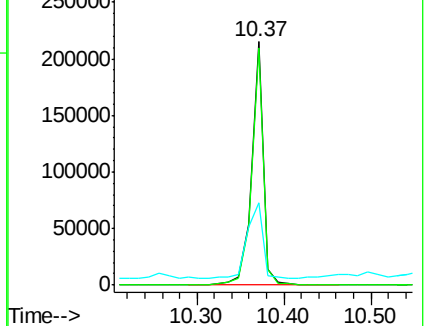
141 40.8 34.1 51.1

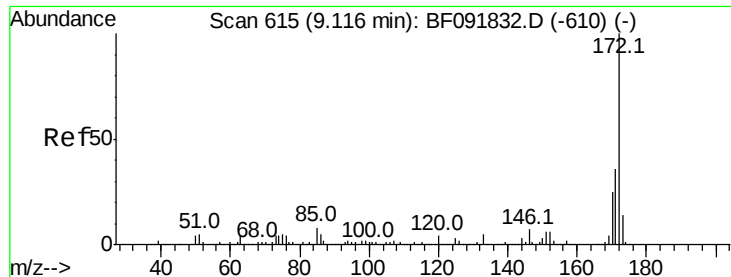


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 123.43 ng

RT: 8.90 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

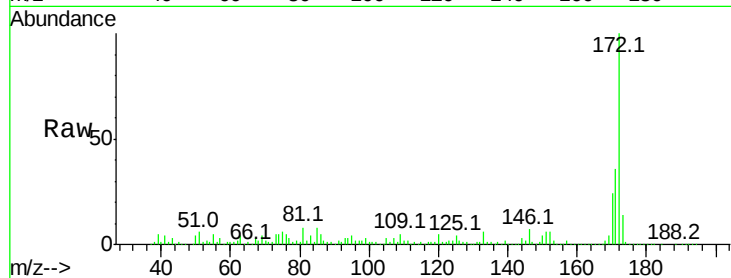
BNA_F

ClientSampled :

MW-20

Tot Ion:172 Resp: 1200612

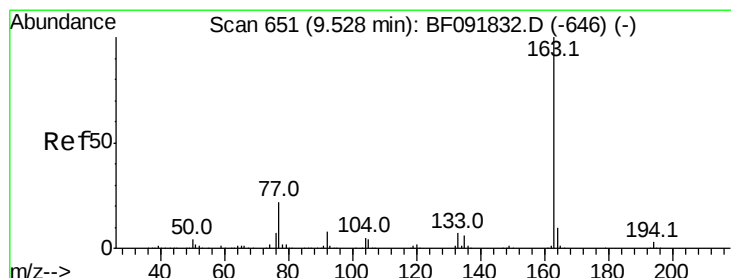
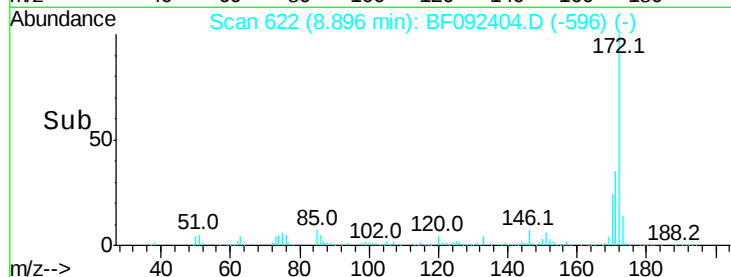
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	20.2	30.4



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: 5.41 ng

RT: 9.31 min Scan# 658

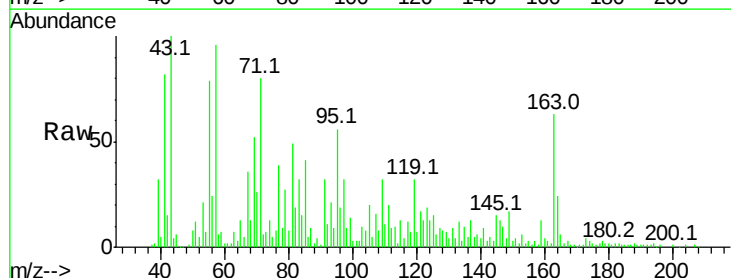
Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Tgt Ion:163 Resp: 72362

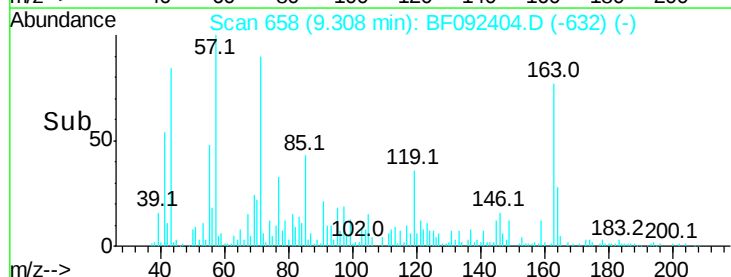
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	38.5	8.0	12.0#

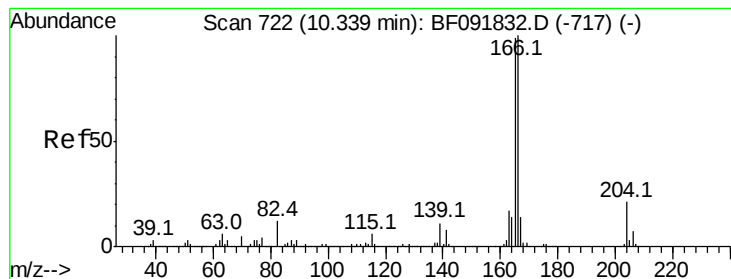


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#57

Fluorene

Concen: 2.10 ng

RT: 10.11 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampleId :

MW-20

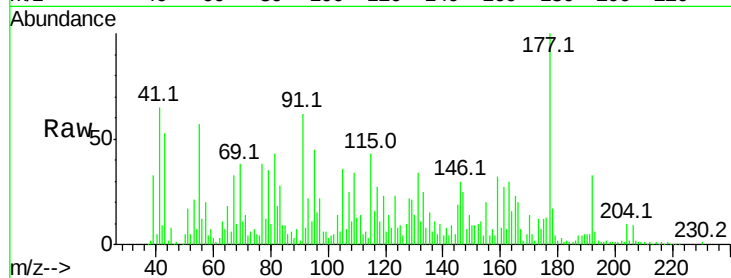
Tot Ion:166 Resp: 24376

Ion Ratio Lower Upper

166 100

165 117.6 77.8 116.8#

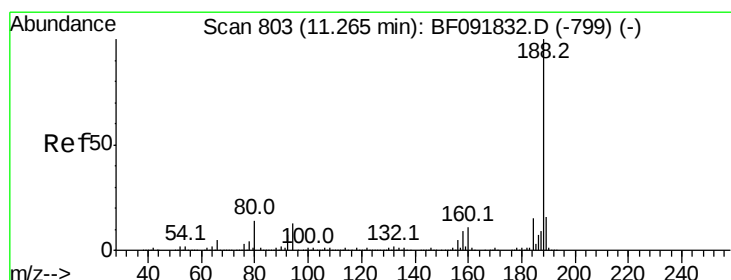
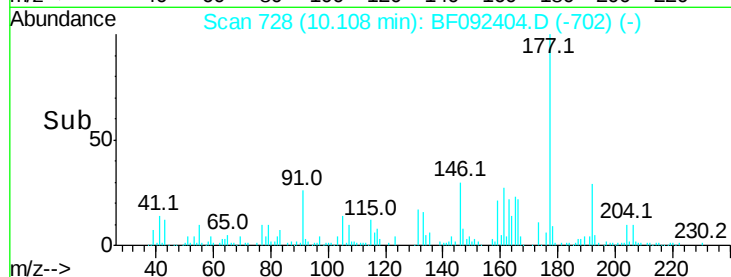
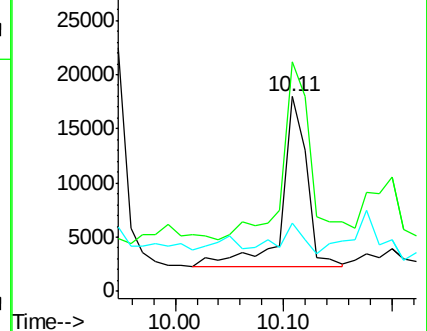
167 35.3 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.04 min Scan# 810

Delta R.T. 0.01 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

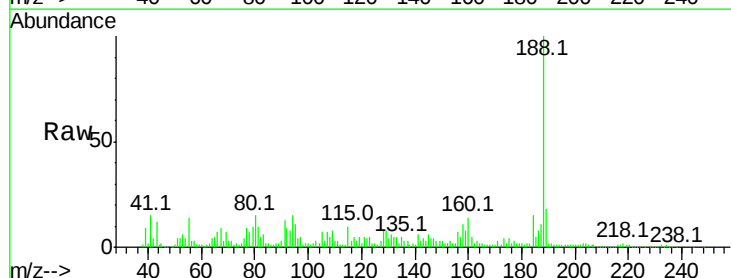
Tgt Ion:188 Resp: 259959

Ion Ratio Lower Upper

188 100

94 14.7 10.0 15.0

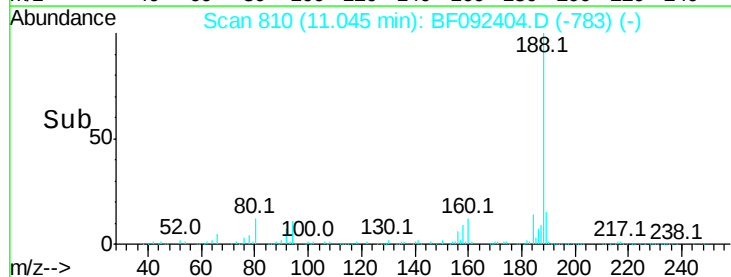
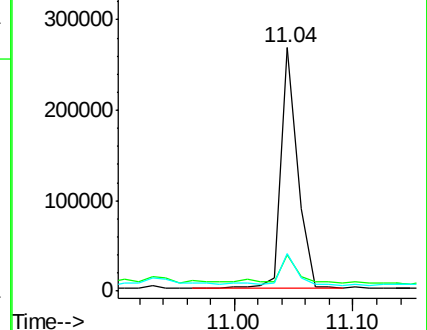
80 15.3 11.2 16.8

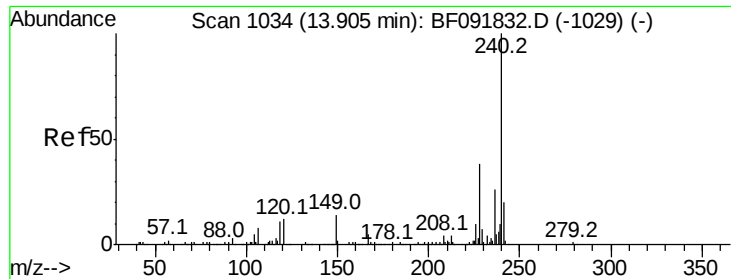


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.67 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

Instrument :

BNA_F

ClientSampleId :

MW-20

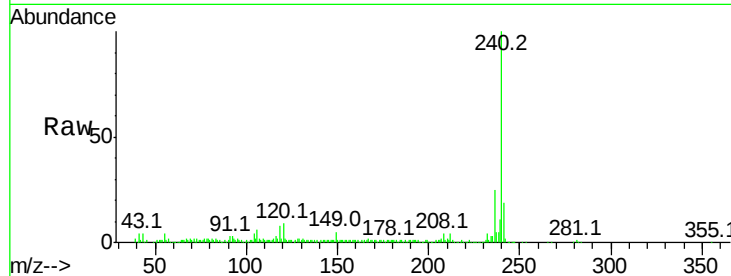
Tot Ion:240 Resp: 219052

Ion Ratio Lower Upper

240 100

120 8.8 12.9 19.3#

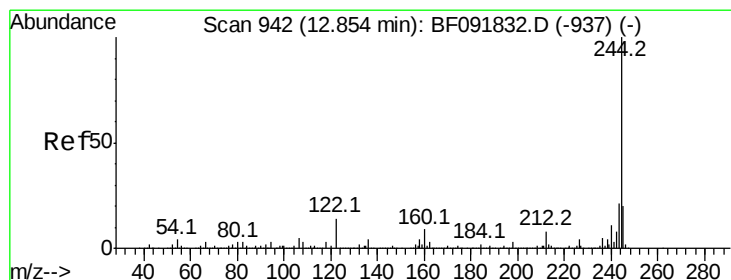
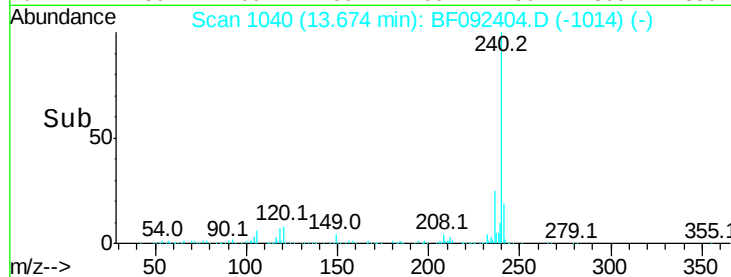
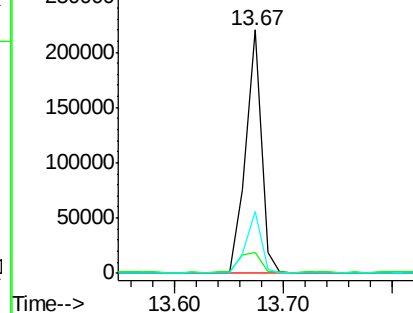
236 25.2 20.9 31.3



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: 104.59 ng

RT: 12.63 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF092404.D

Acq: 21 Jan 2017 8:20

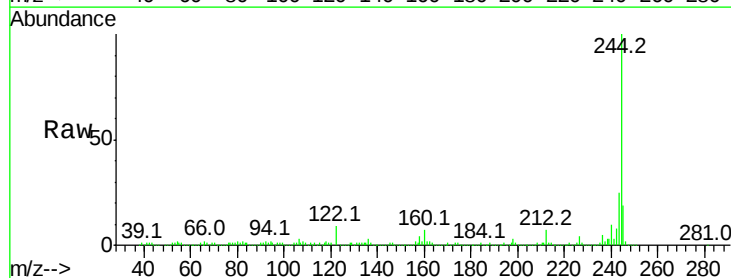
Tgt Ion:244 Resp: 944667

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

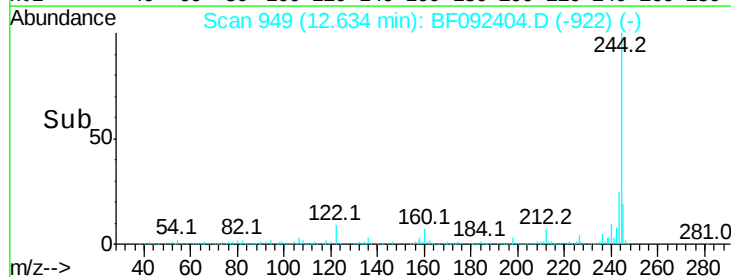
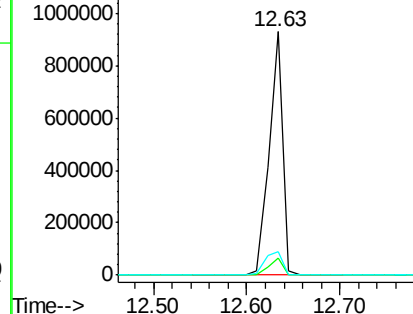
122 9.4 11.4 17.2#

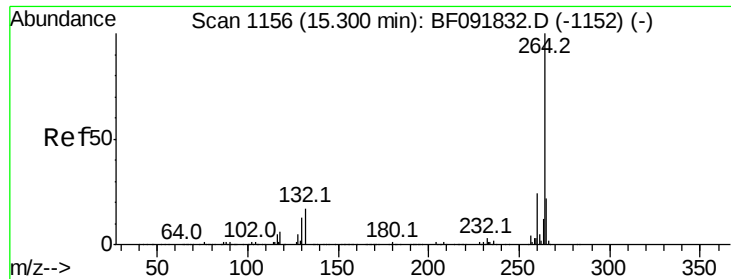


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

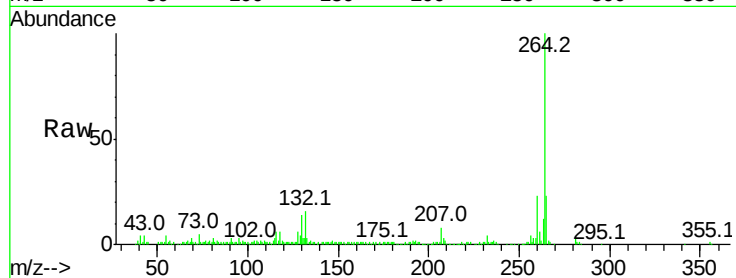




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF092404.D
Acq: 21 Jan 2017 8:20

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.7	17.4	26.0



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

