

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
 Data File : BF092261.D
 Acq On : 14 Jan 2017 00:17
 Operator : UM/SJ
 Sample : I1031-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0024

Quant Time: Jan 16 02:45:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

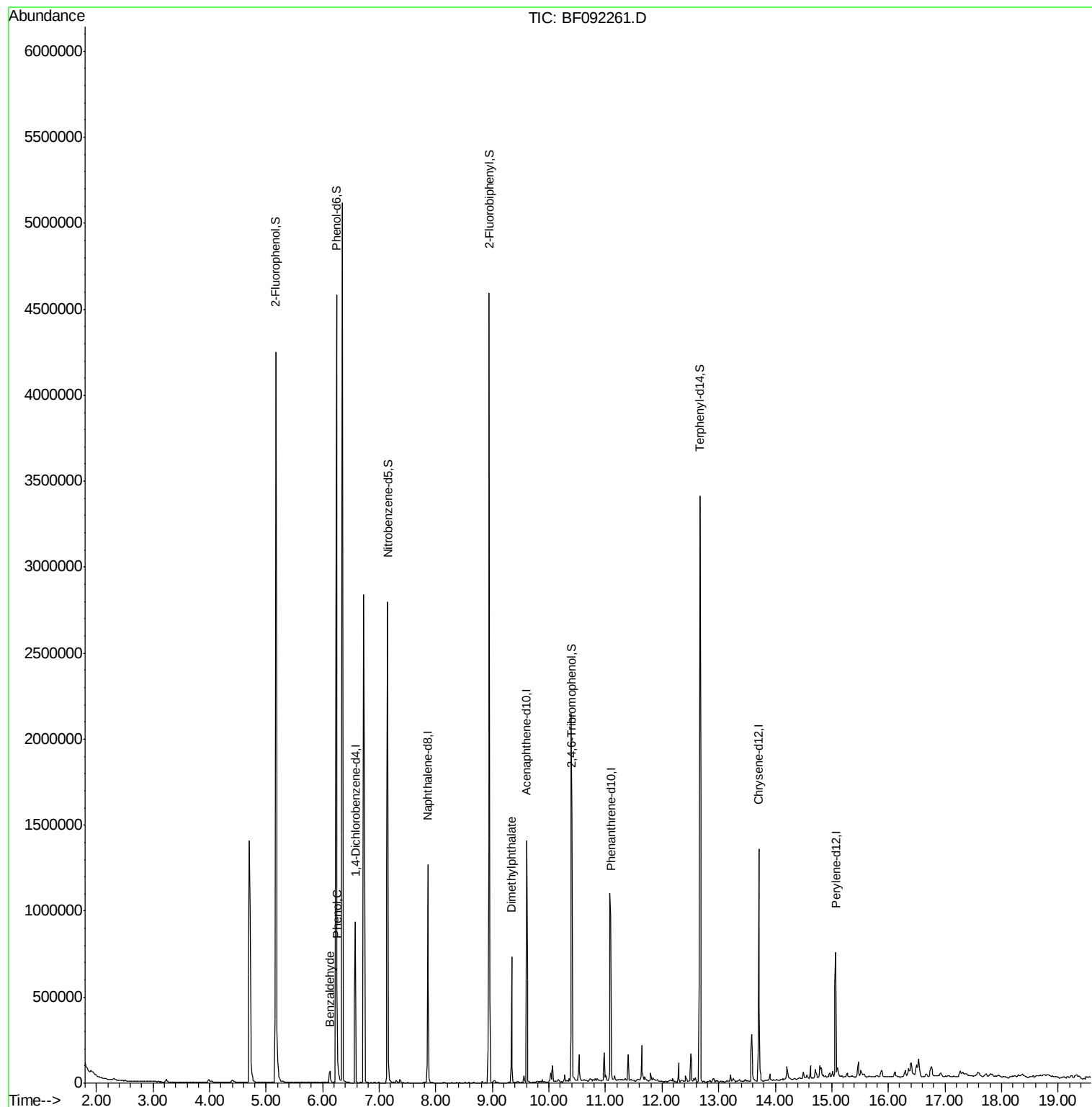
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	170839	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	691793	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	356759	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	585748	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	454364	20.00	ng	-0.02
86) Perylene-d12	15.07	264	360316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1404775	137.30	ng	0.00
7) Phenol-d6	6.24	99	1878052	150.34	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1037905	83.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	376174	127.41	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1526069	88.12	ng	-0.01
78) Terphenyl-d14	12.67	244	1315411	70.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.13	77	27013	2.67	ng	Qvalue 94
10) Phenol	6.26	94	122043	8.57	ng	# 64
49) Dimethylphthalate	9.34	163	290102	12.71	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

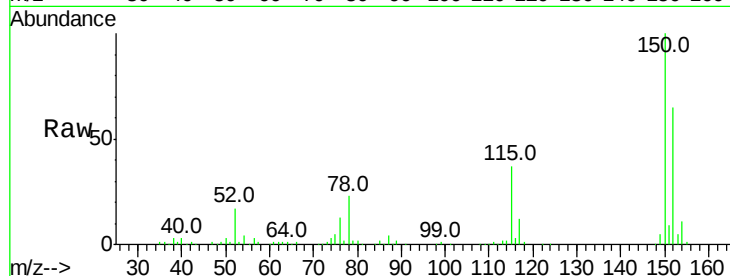
Tot Ion:152 Resp: 170839

Ion Ratio Lower Upper

152 100

150 153.3 124.9 187.3

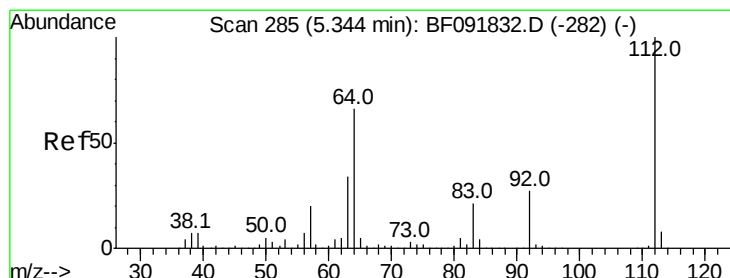
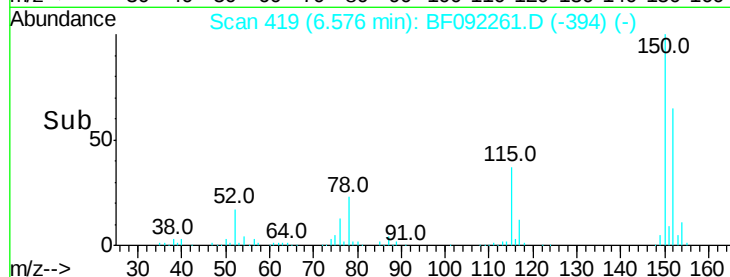
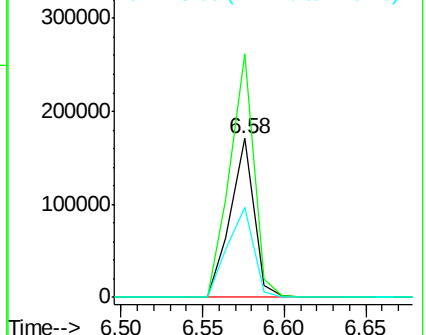
115 56.9 46.0 69.0



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: 137.30 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

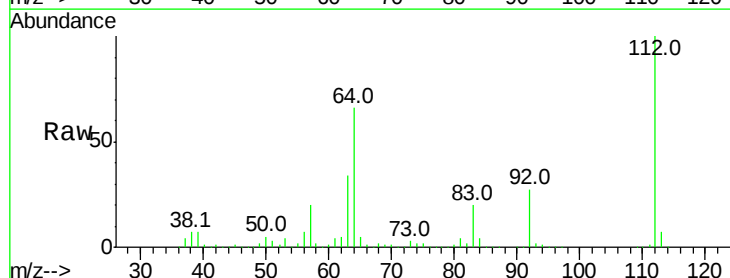
Tgt Ion:112 Resp: 1404775

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

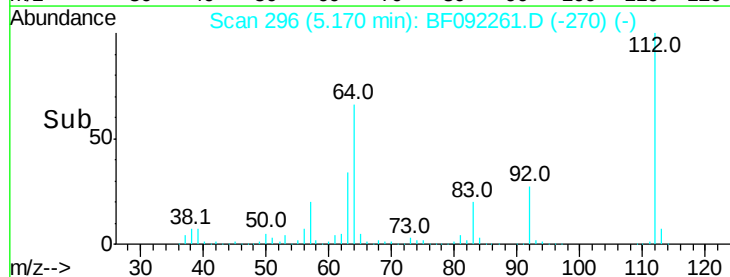
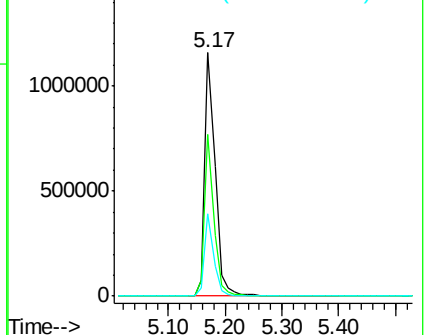
63 33.8 23.8 35.6



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: 150.34 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

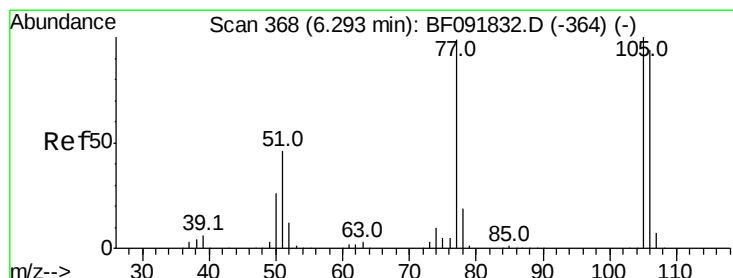
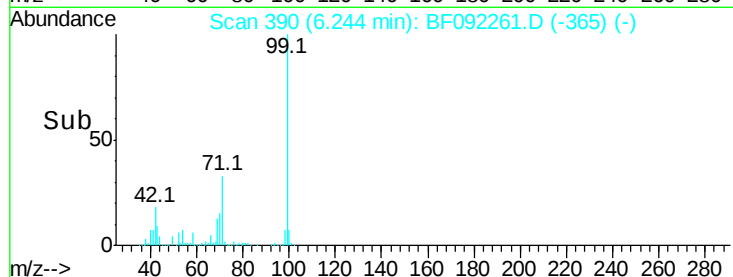
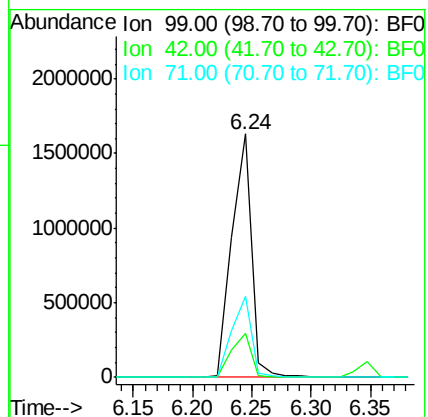
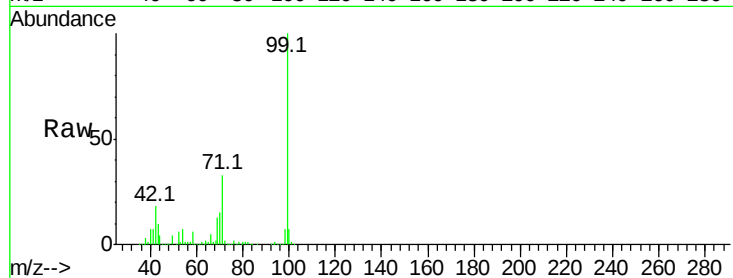
Tot Ion: 99 Resp: 1878052

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

71 33.1 27.5 41.3



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.13 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

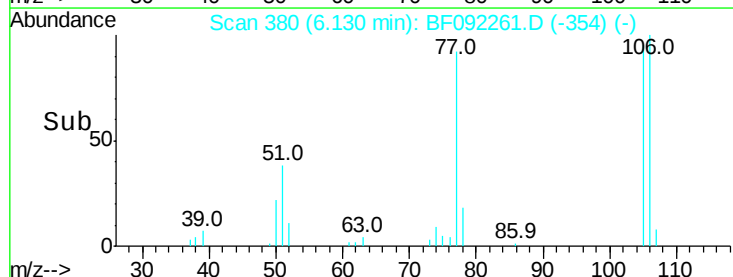
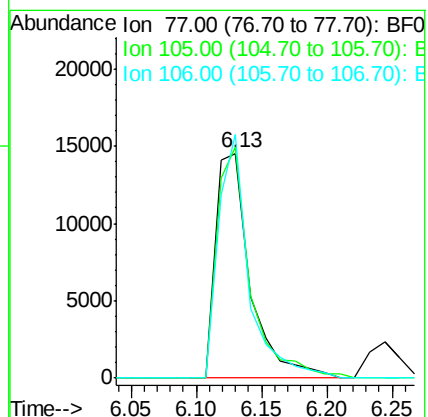
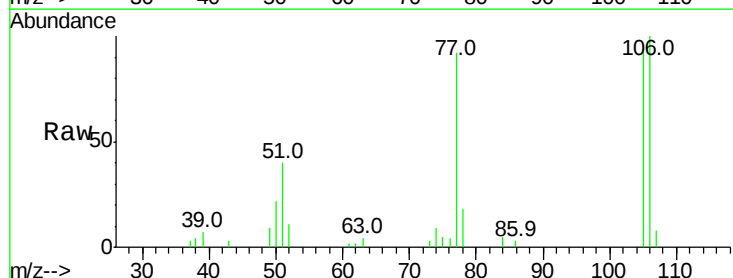
Tgt Ion: 77 Resp: 27013

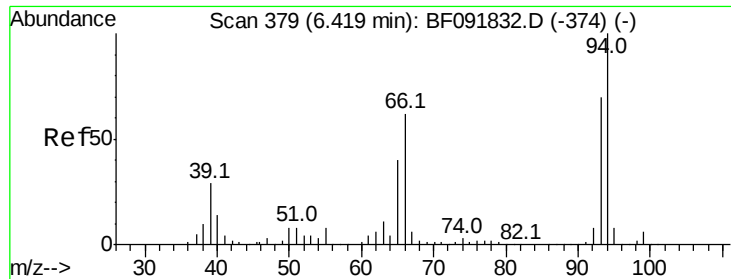
Ion Ratio Lower Upper

77 100

105 102.9 83.9 123.9

106 108.3 77.6 117.6





#10

Phenol

Concen: 8.57 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

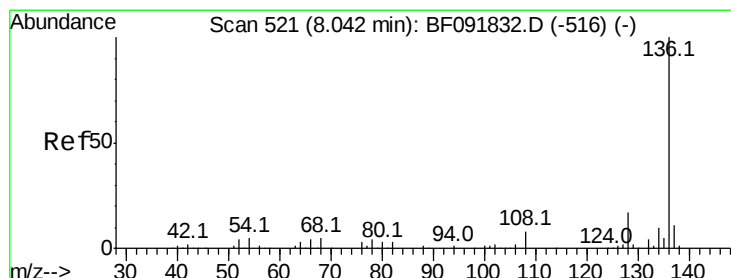
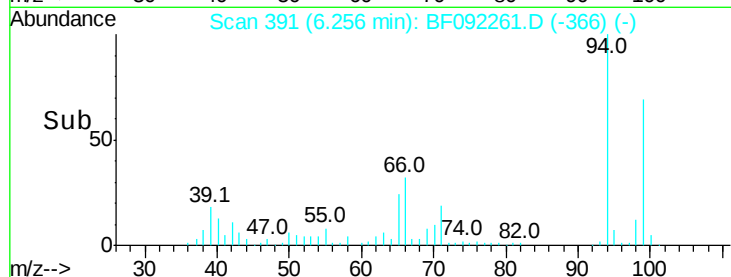
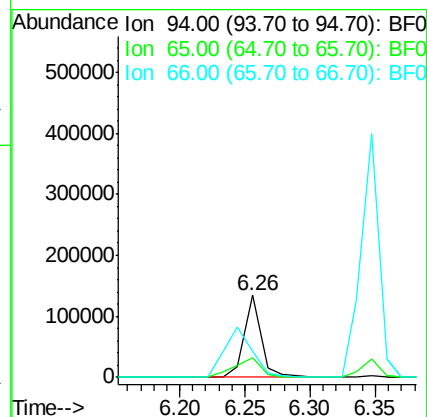
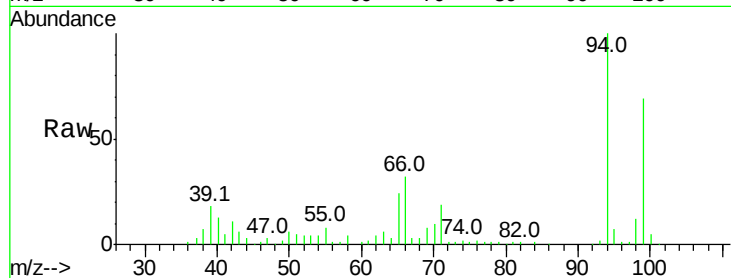
Tot Ion: 94 Resp: 122043

Ion Ratio Lower Upper

94 100

65 23.9 21.4 61.4

66 32.0 44.0 84.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Tgt Ion: 136 Resp: 691793

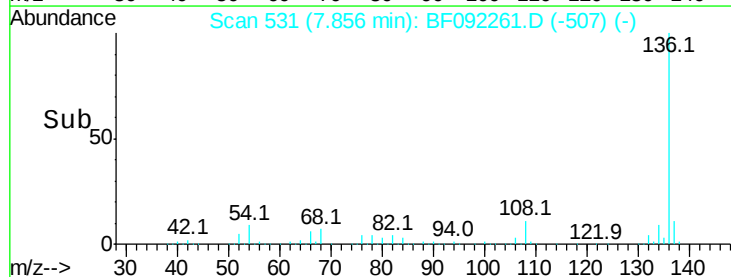
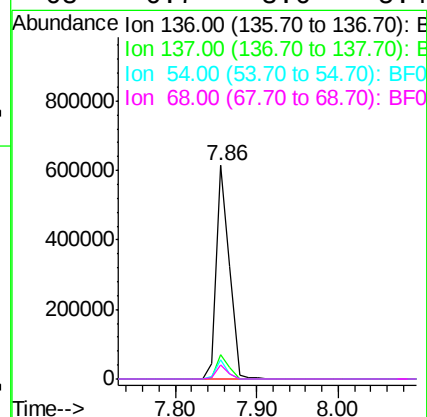
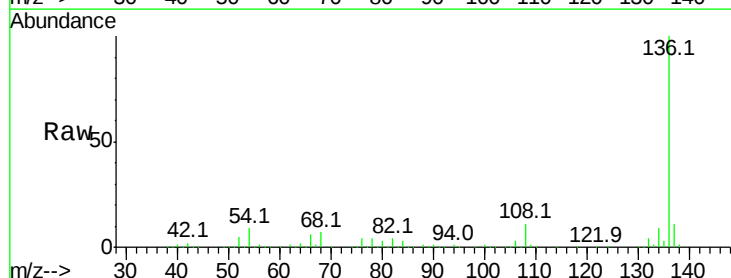
Ion Ratio Lower Upper

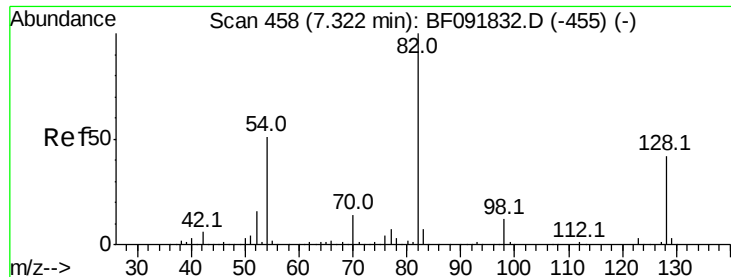
136 100

137 11.3 8.4 12.6

54 9.3 4.5 6.7#

68 6.7 3.6 5.4#



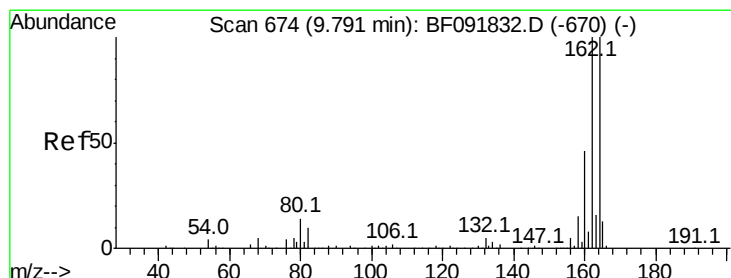
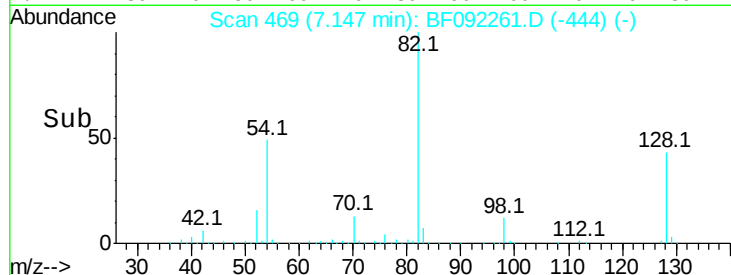
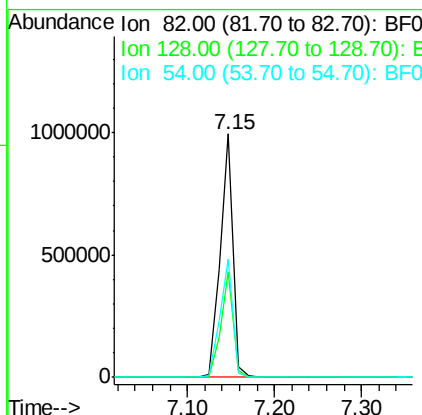
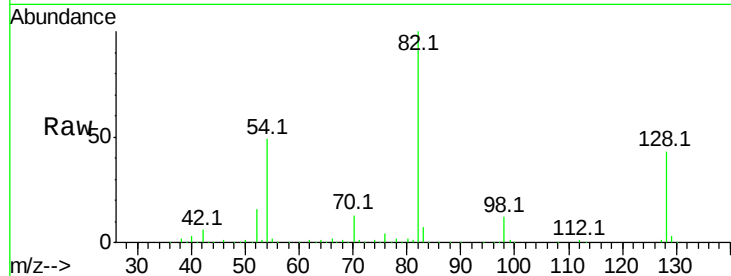


#23
 Nitrobenzene-d5
 Concen: 83.43 ng
 RT: 7.15 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0024

Tot Ion: 82 Resp: 1037905

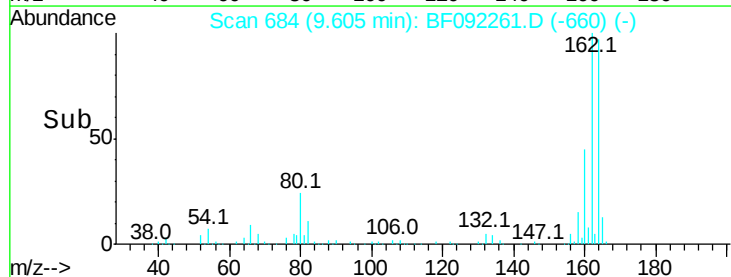
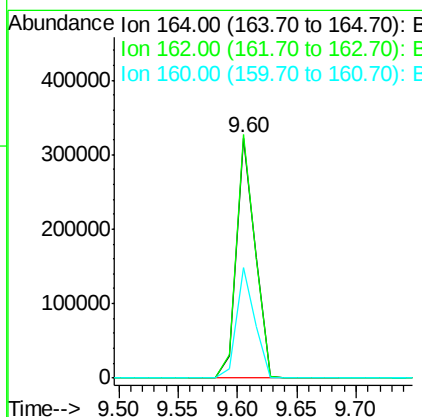
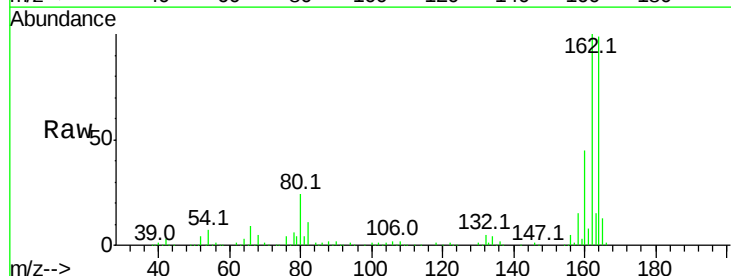
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	52.0
54	48.7	39.5	59.3

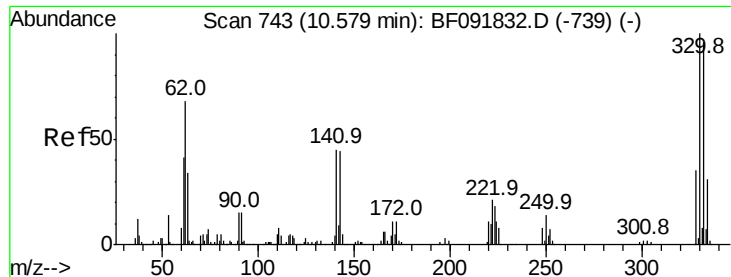


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

Tgt Ion:164 Resp: 356759

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	45.9	36.9	55.3

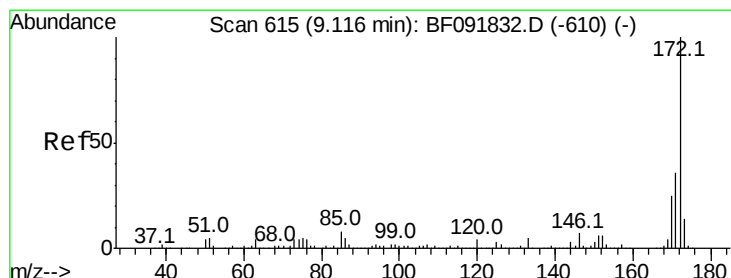
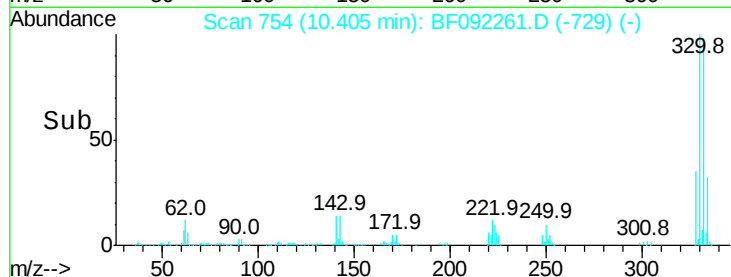
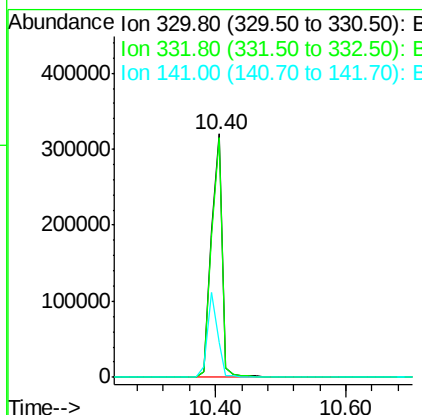
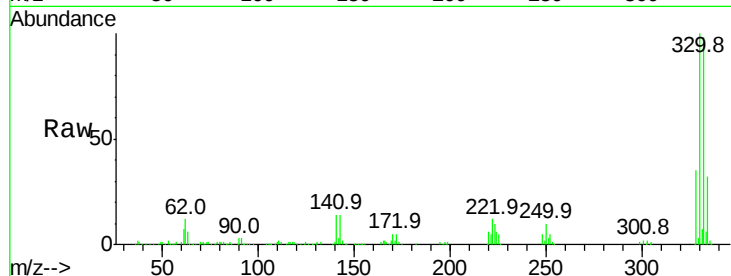




#41
 2,4,6-Tribromophenol
 Concen: 127.41 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

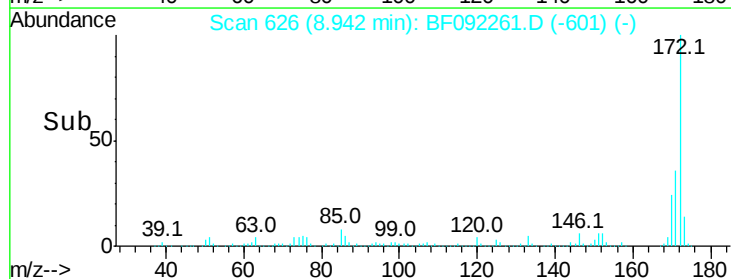
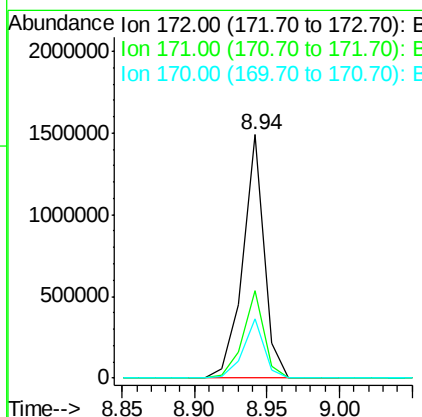
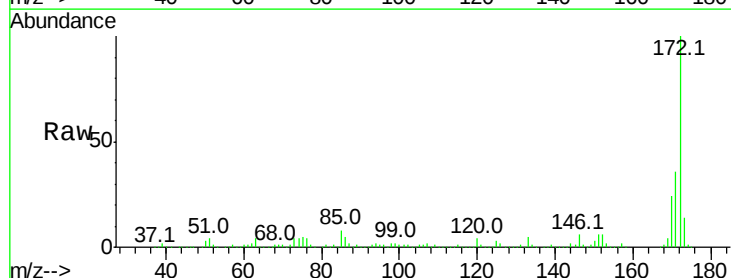
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0024

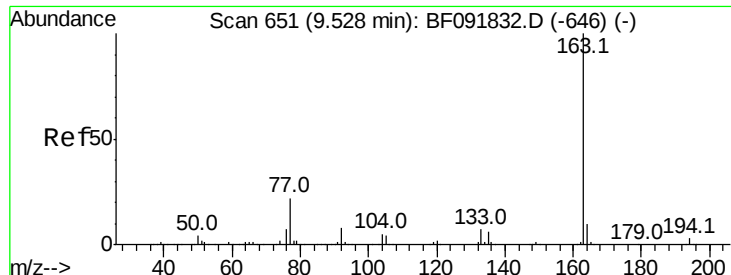
Tot Ion:330 Resp: 376174
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 32.6 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 88.12 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

Tgt Ion:172 Resp: 1526069
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4





#49

Dimethylphthalate

Concen: 12.71 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

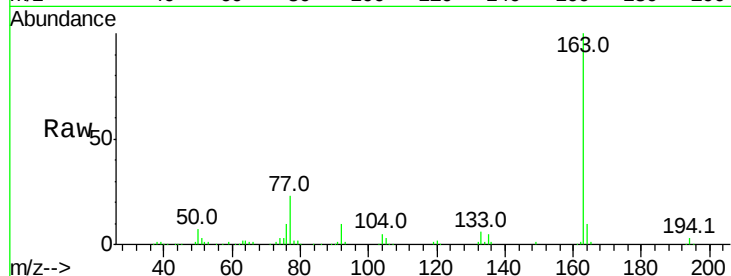
Tot Ion:163 Resp: 290102

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

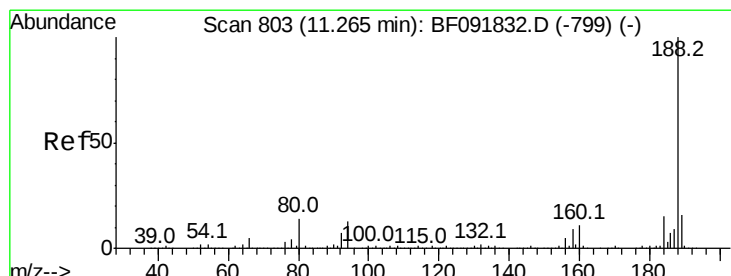
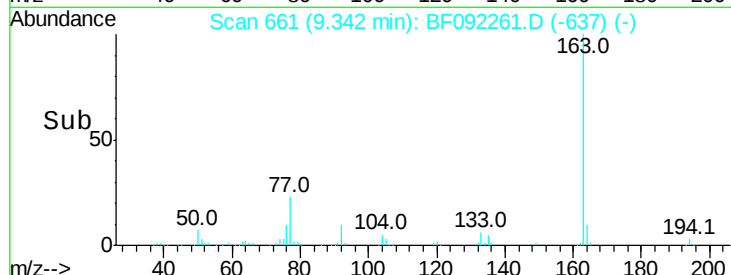
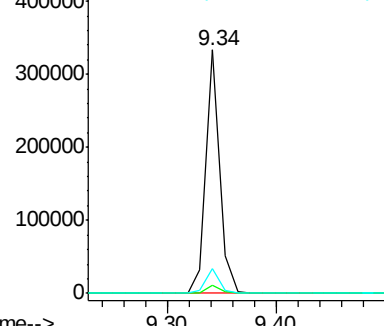
164 10.1 8.0 12.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

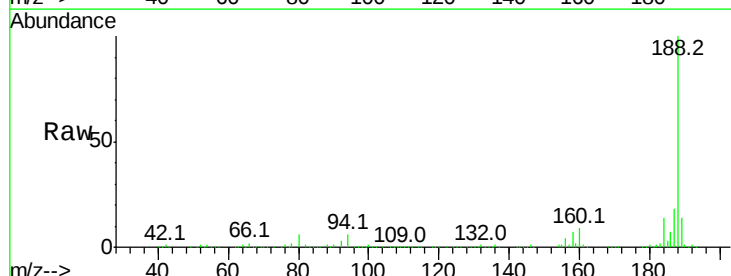
Tgt Ion:188 Resp: 585748

Ion Ratio Lower Upper

188 100

94 6.0 10.0 15.0#

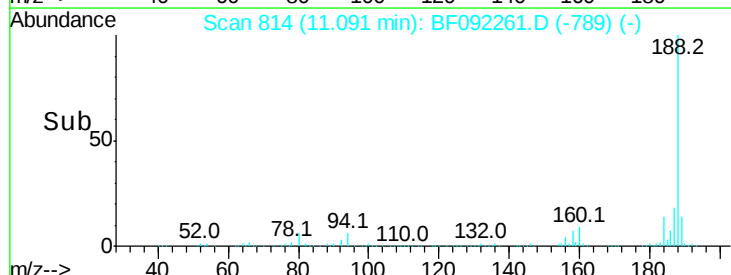
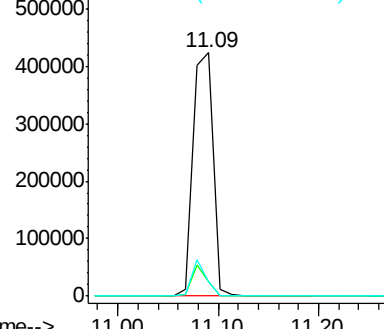
80 5.7 11.2 16.8#

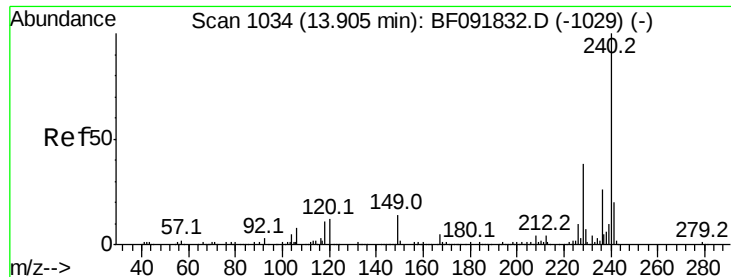


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

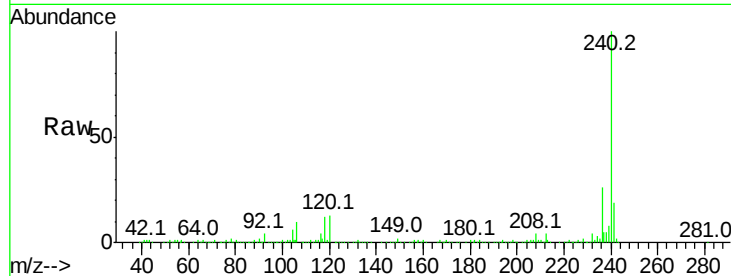
Tot Ion:240 Resp: 454364

Ion Ratio Lower Upper

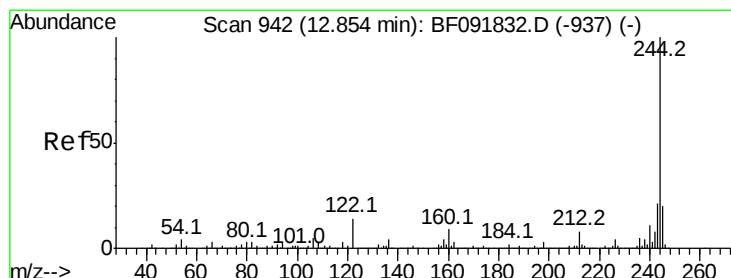
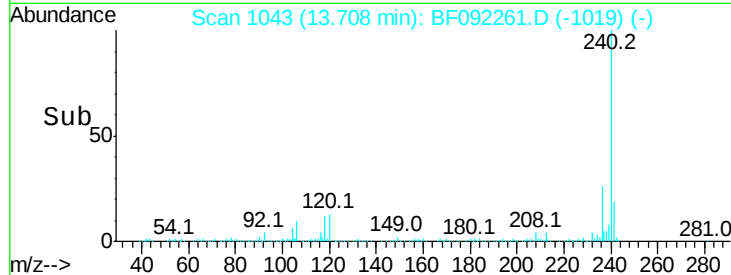
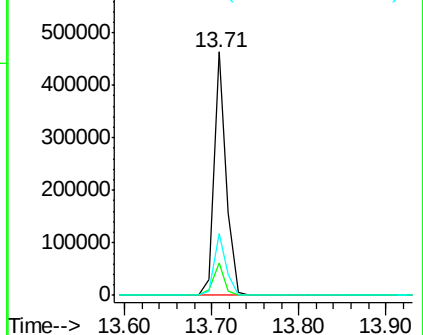
240 100

120 13.4 12.9 19.3

236 25.6 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: 70.21 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

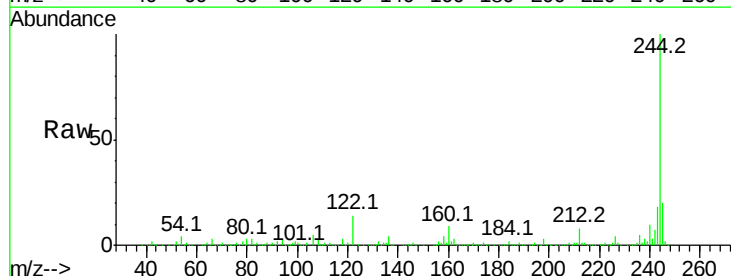
Tgt Ion:244 Resp: 1315411

Ion Ratio Lower Upper

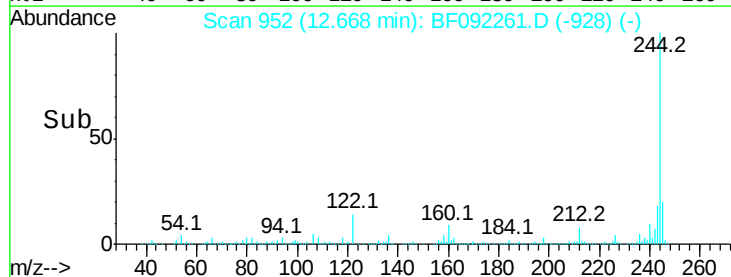
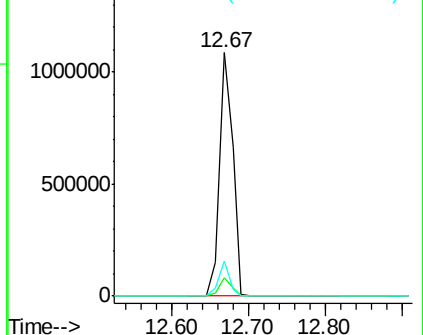
244 100

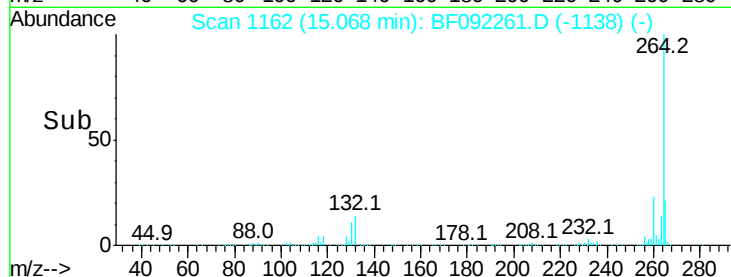
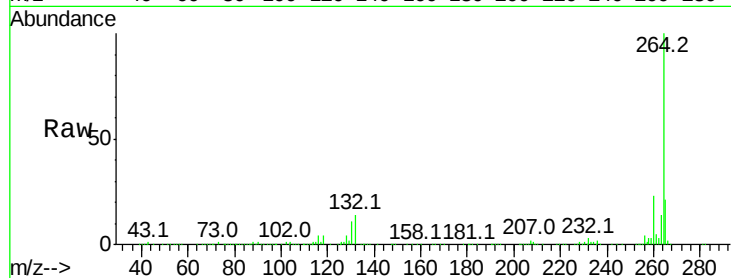
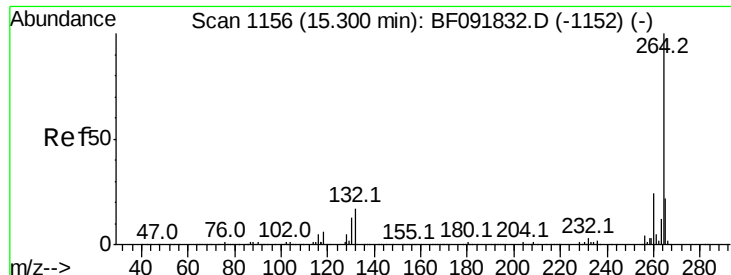
212 7.5 6.2 9.2

122 14.5 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: 15.07 min Scan# 1162

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

Tot Ion: 264 Resp: 360316

Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 21.4 17.4 26.0

