

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030617\
 Data File : BF093402.D
 Acq On : 6 Mar 2017 15:55
 Operator : SJ/MA
 Sample : I2091-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RF-1

Quant Time: Mar 06 16:51:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

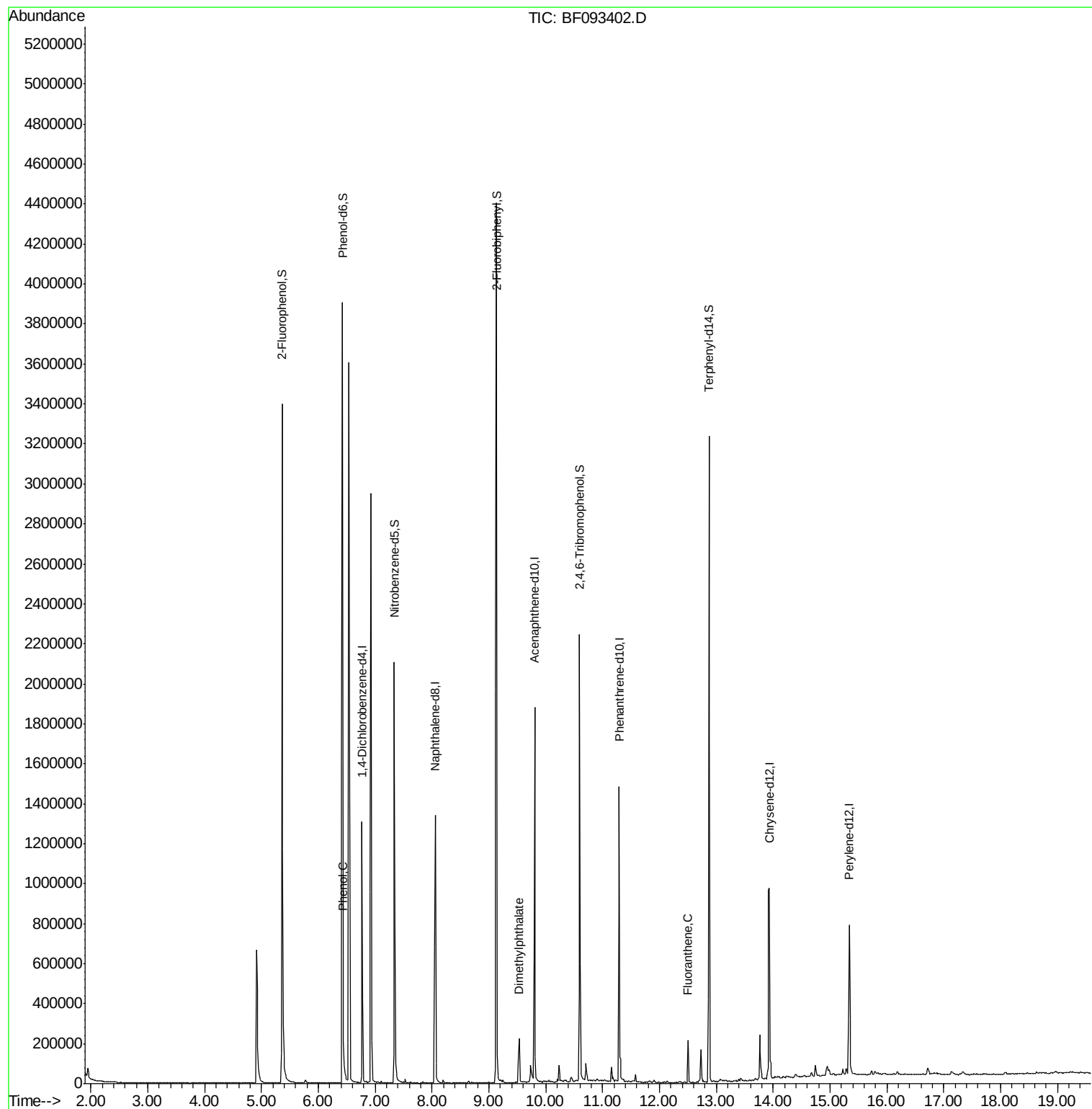
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	204936m	20.00	ng	-0.09
21) Naphthalene-d8	8.06	136	748838	20.00	ng	-0.09
38) Acenaphthene-d10	9.81	164	386123	20.00	ng	-0.09
63) Phenanthrene-d10	11.29	188	664636	20.00	ng	-0.09
75) Chrysene-d12	13.93	240	489323	20.00	ng	-0.09
86) Perylene-d12	15.34	264	326137	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1040532	87.11	ng	-0.09
7) Phenol-d6	6.42	99	1509089	98.19	ng	-0.06
23) Nitrobenzene-d5	7.34	82	770472	57.30	ng	-0.09
41) 2,4,6-Tribromophenol	10.60	330	259560	92.94	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	1546507	72.56	ng	-0.09
78) Terphenyl-d14	12.87	244	1221496	58.65	ng	-0.10
Target Compounds						
10) Phenol	6.44	94	101293	5.63	ng	Qvalue # 73
49) Dimethylphthalate	9.53	163	119901	4.61	ng	98
74) Fluoranthene	12.50	202	88098	2.24	ng	95

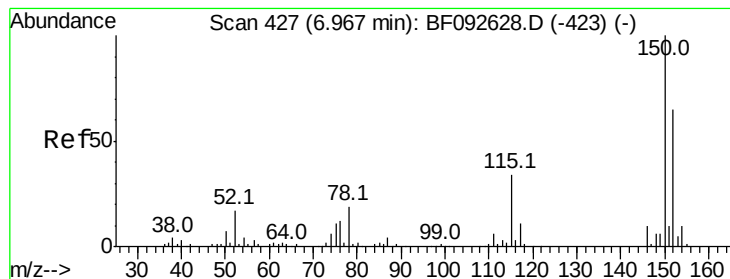
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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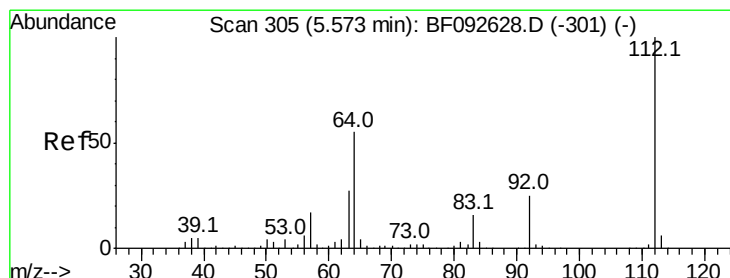
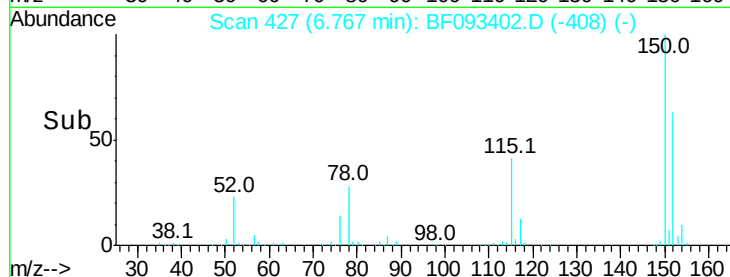
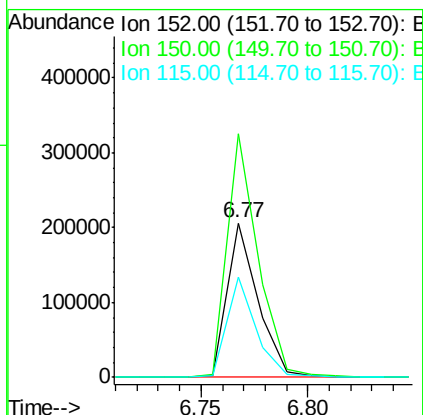
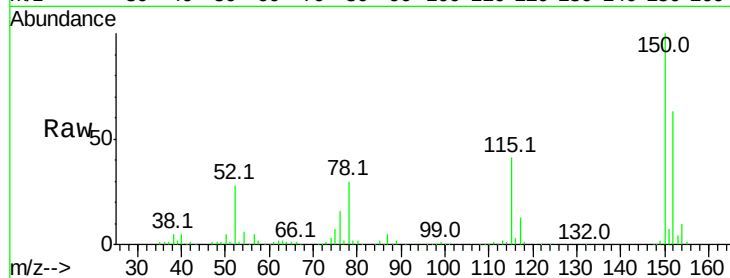


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng/ml
 RT: 6.77 min Scan# 427
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Instrument :
 BNA_F
 ClientSampled :
 RF-1

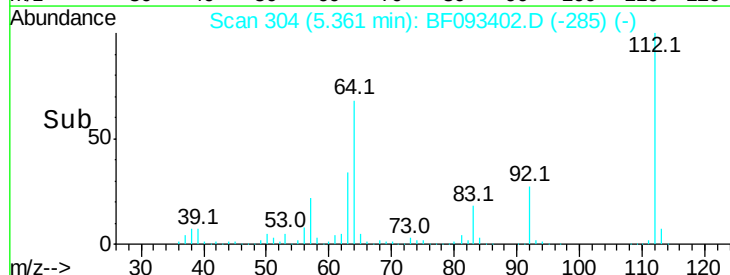
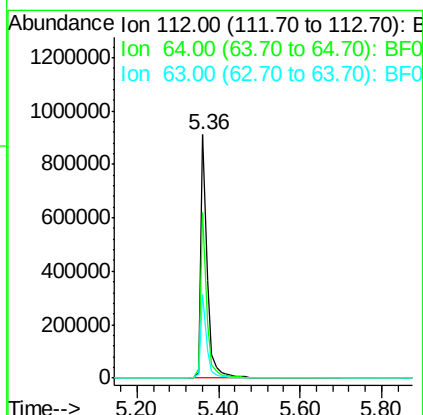
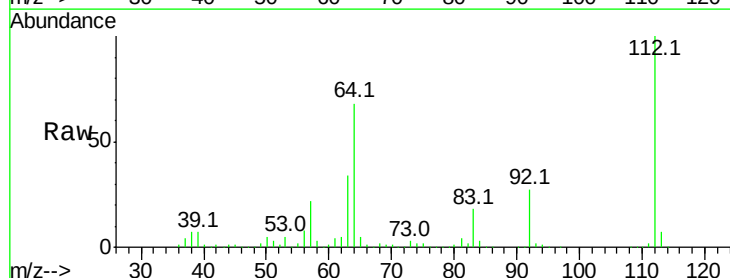
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.9	187.3
115	64.7	46.0	69.0

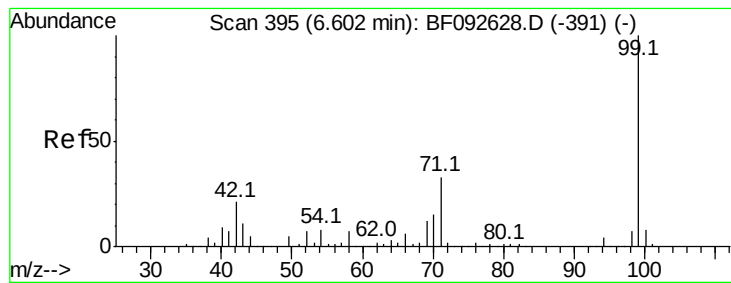


#5

2-Fluorophenol
 Concen: 87.11 ng
 RT: 5.36 min Scan# 304
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	46.1	69.1
63	34.2	23.8	35.6





#7

Phenol-d6

Concen: 98.19 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.06 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

Instrument :

BNA_F

ClientSampled :

RF-1

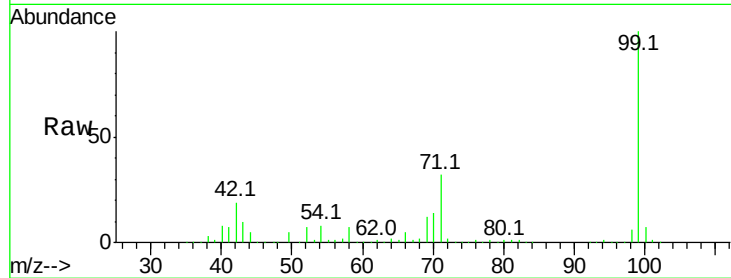
Tot Ion: 99 Resp: 1509089

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

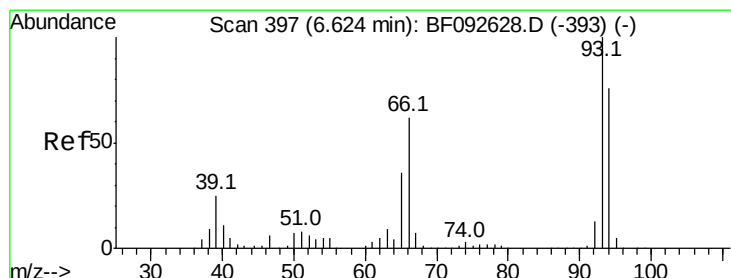
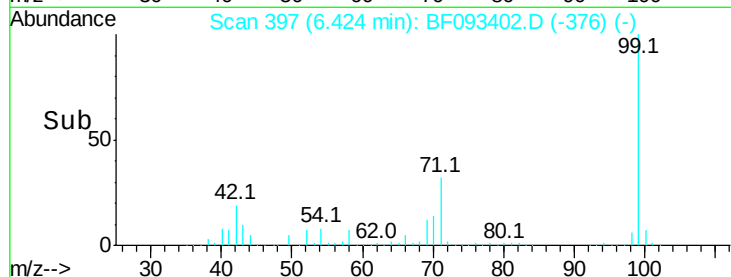
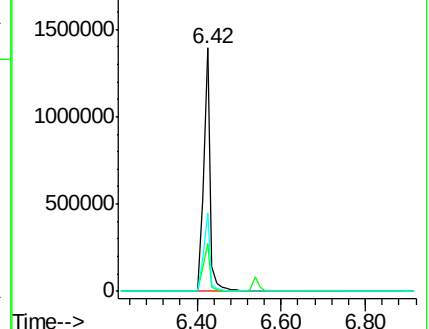
71 32.0 27.5 41.3



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



#10

Phenol

Concen: 5.63 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

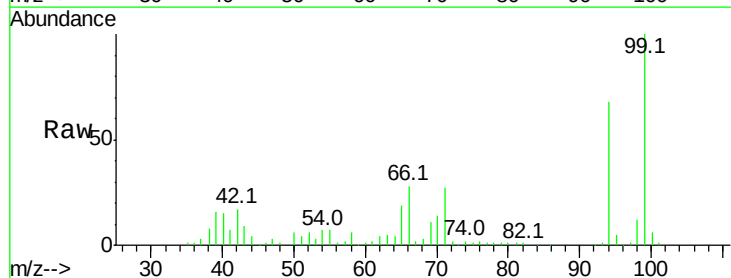
Tgt Ion: 94 Resp: 101293

Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

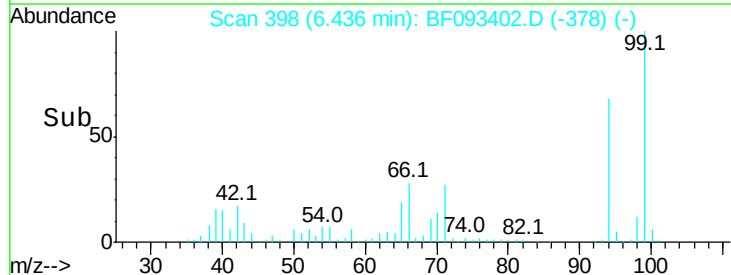
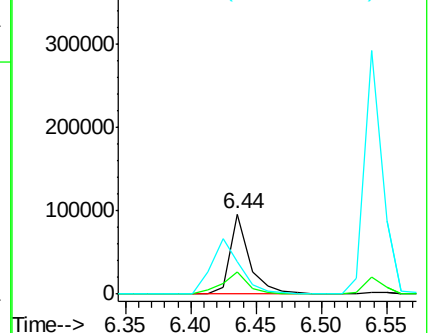
66 40.7 44.0 84.0#

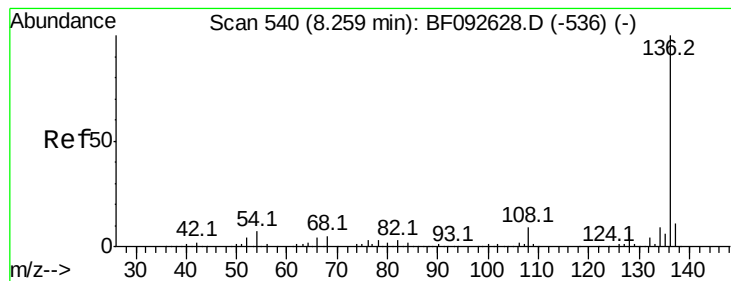


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 540

Delta R.T. -0.09 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

Instrument :

BNA_F

ClientSampleId :

RF-1

Tot Ion:136 Resp: 748838

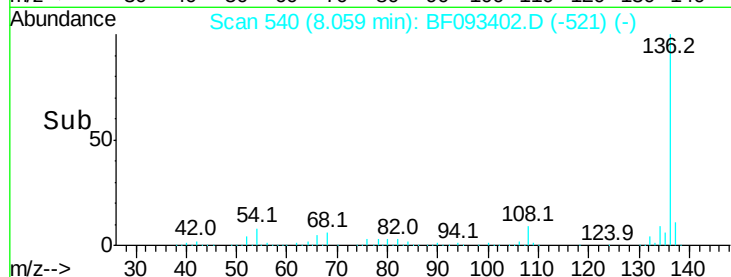
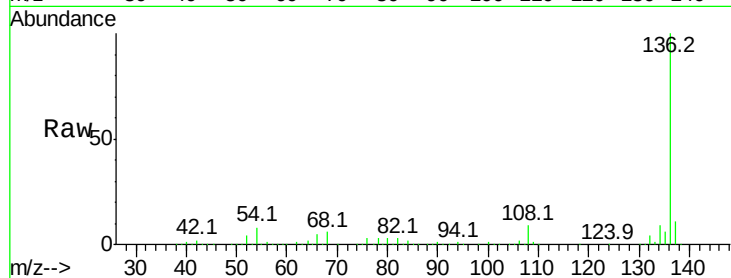
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.8 4.5 6.7#

68 5.6 3.6 5.4#

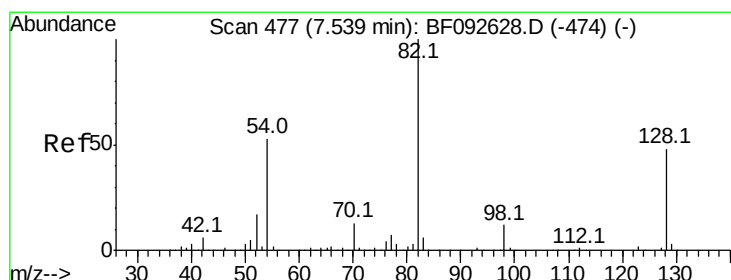
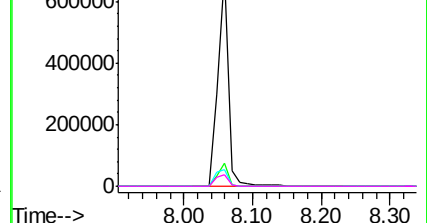


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 57.30 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.09 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

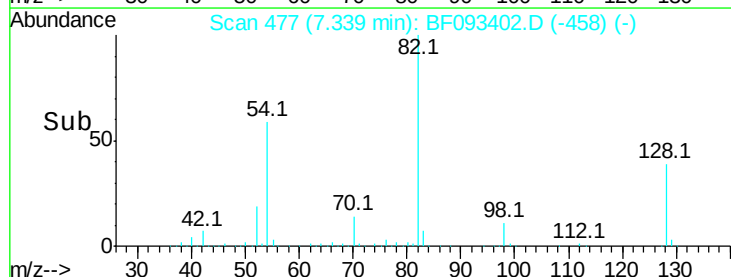
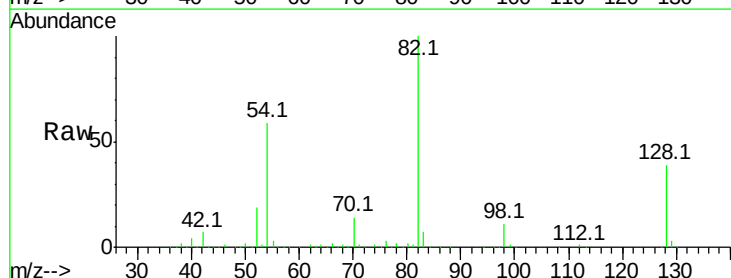
Tgt Ion: 82 Resp: 770472

Ion Ratio Lower Upper

82 100

128 39.4 34.6 52.0

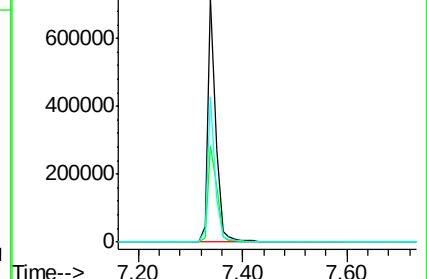
54 59.4 39.5 59.3#

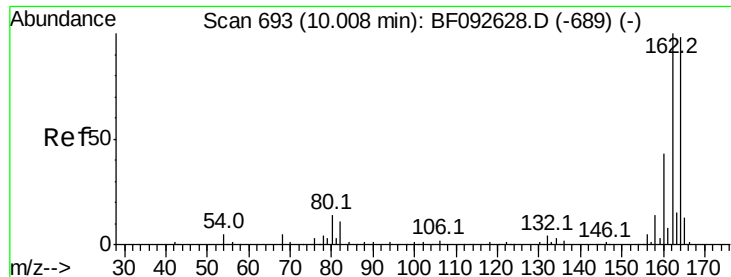


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

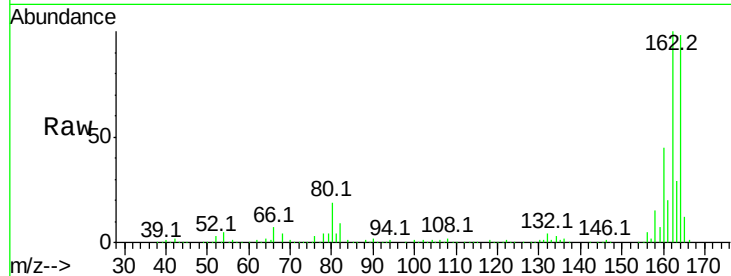




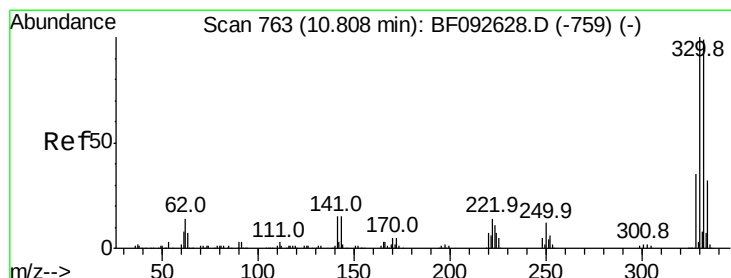
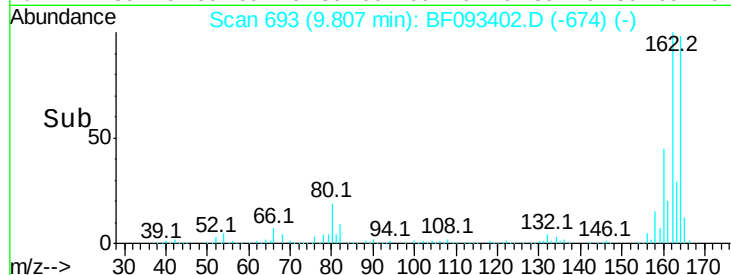
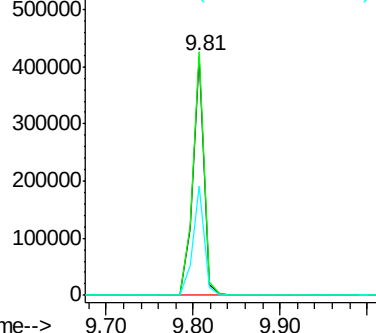
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Instrument :
 BNA_F
 ClientSampled :
 RF-1

Tot Ion:164 Resp: 386123
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 45.6 36.9 55.3

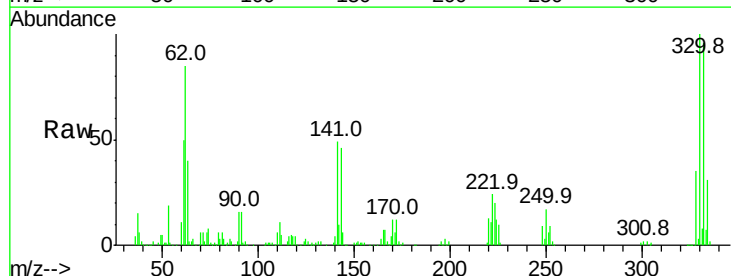


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

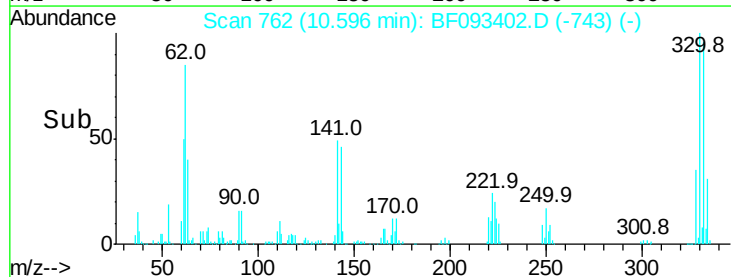
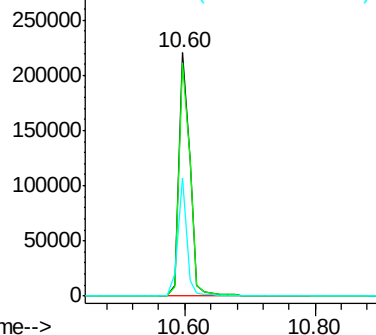


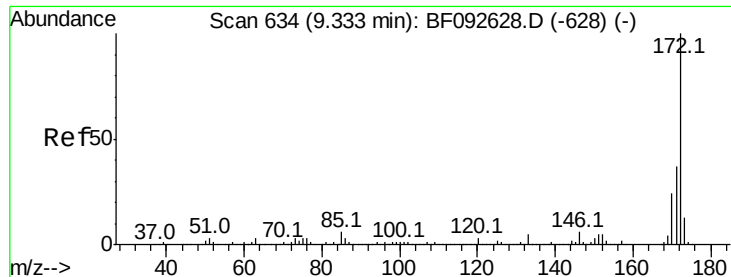
#41
 2,4,6-Tribromophenol
 Concen: 92.94 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Tgt Ion:330 Resp: 259560
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 39.5 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



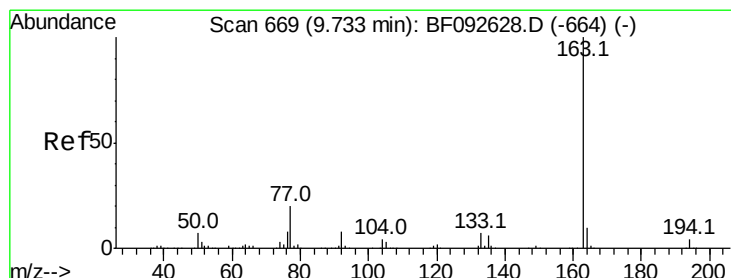
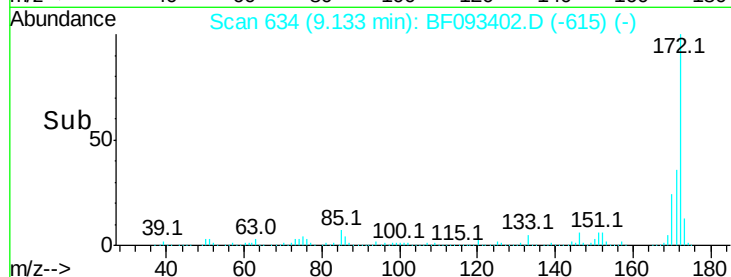
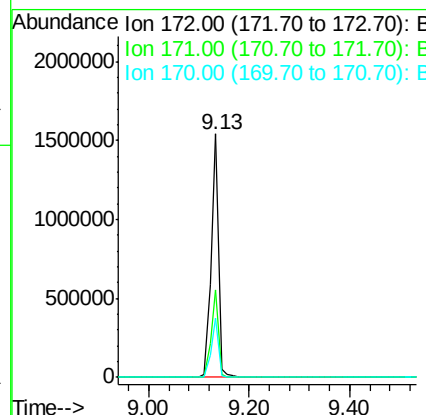
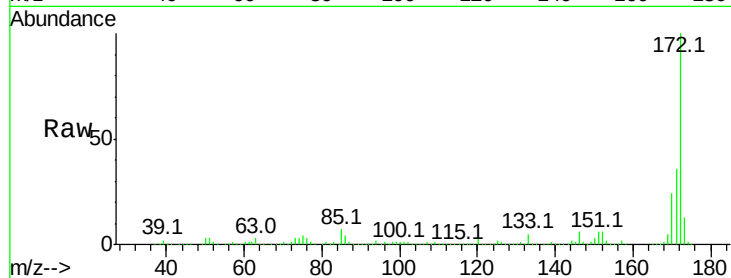


#44
 2-Fluorobiphenyl
 Concen: 72.56 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Instrument :
 BNA_F
 ClientSampled :
 RF-1

Tot Ion:172 Resp: 1546507

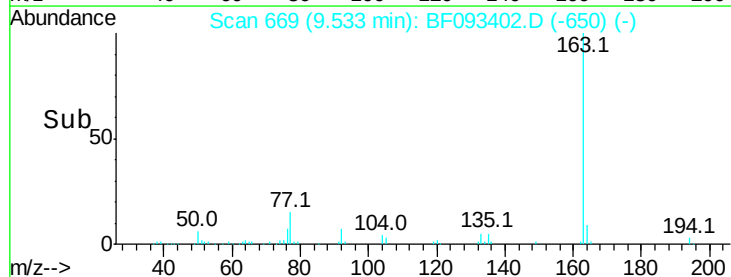
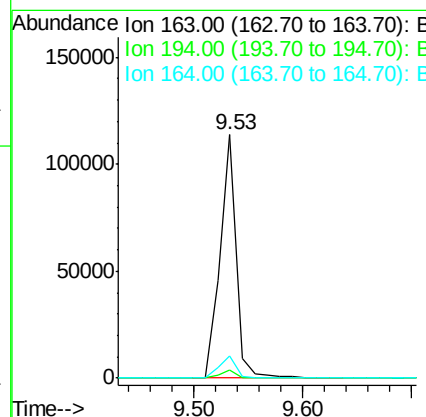
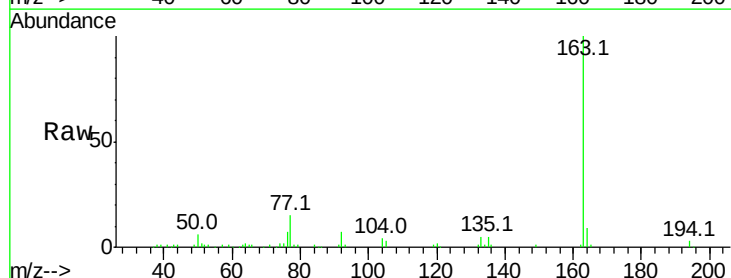
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.5	20.2	30.4

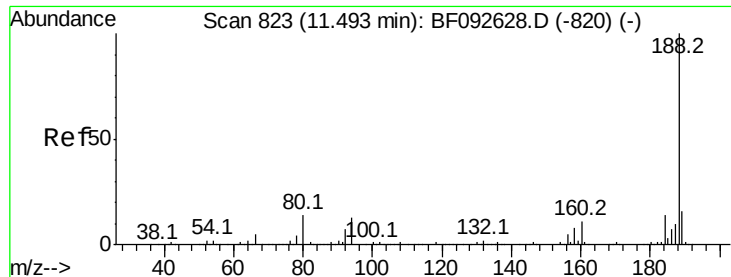


#49
 Dimethylphthalate
 Concen: 4.61 ng
 RT: 9.53 min Scan# 669
 Delta R.T. -0.09 min
 Lab File: BF093402.D
 Acq: 6 Mar 2017 15:55

Tgt Ion:163 Resp: 119901

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.2	8.0	12.0

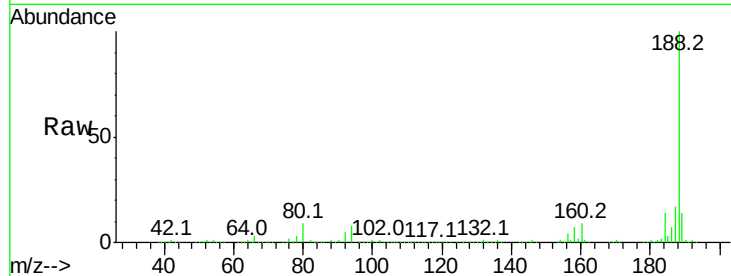




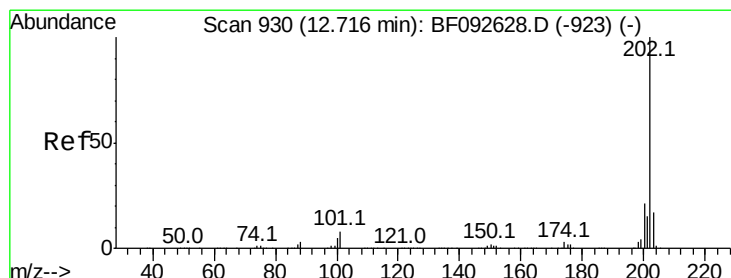
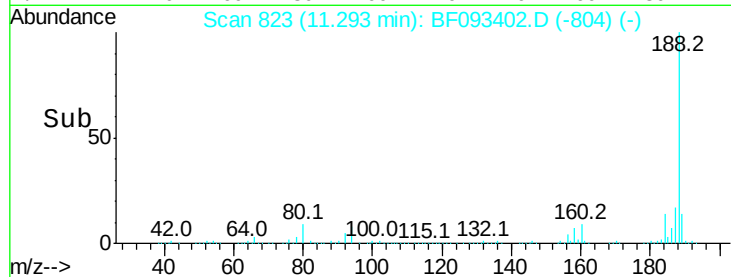
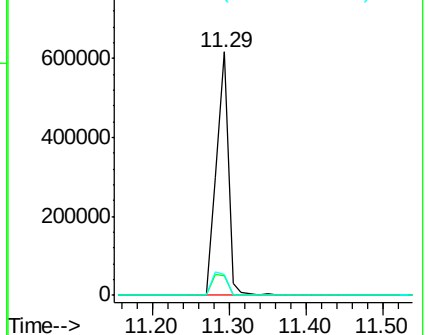
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. -0.09 min
Lab File: BF093402.D
Acq: 6 Mar 2017 15:55

Instrument :
BNA_F
ClientSampleId :
RF-1

Tot Ion:188 Resp: 664636
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.7 11.2 16.8#

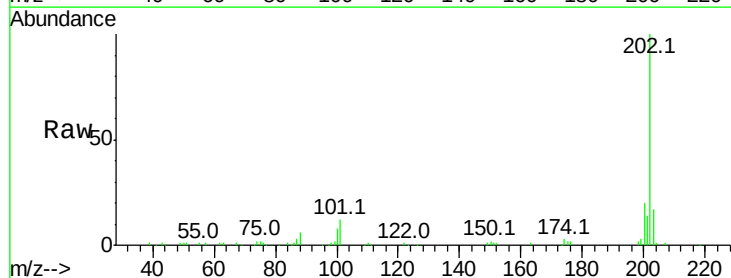


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

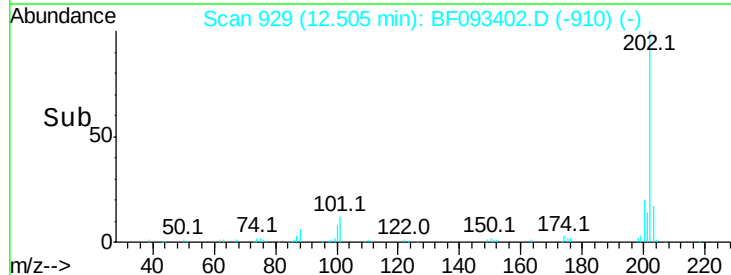
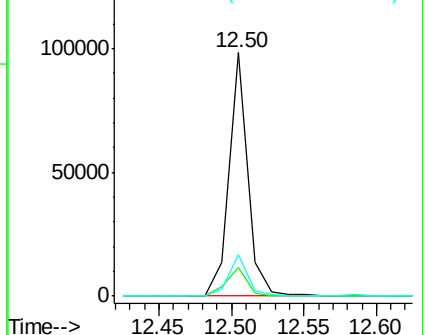


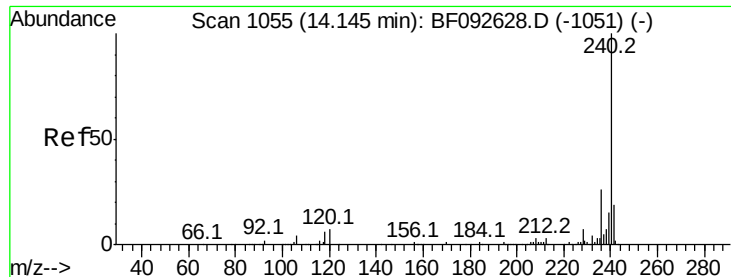
#74
Fluoranthene
Concen: 2.24 ng
RT: 12.50 min Scan# 929
Delta R.T. -0.09 min
Lab File: BF093402.D
Acq: 6 Mar 2017 15:55

Tgt Ion:202 Resp: 88098
Ion Ratio Lower Upper
202 100
101 11.6 0.0 34.6
203 17.1 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.09 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

Instrument :

BNA_F

ClientSampled :

RF-1

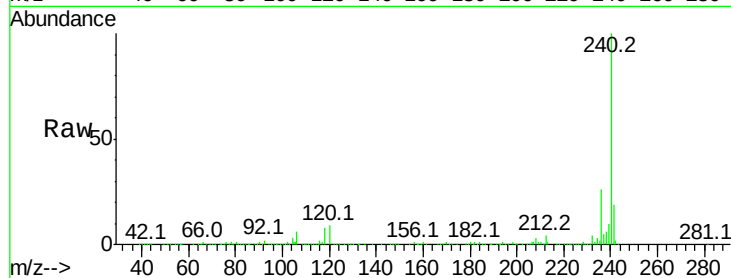
Tot Ion:240 Resp: 489323

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

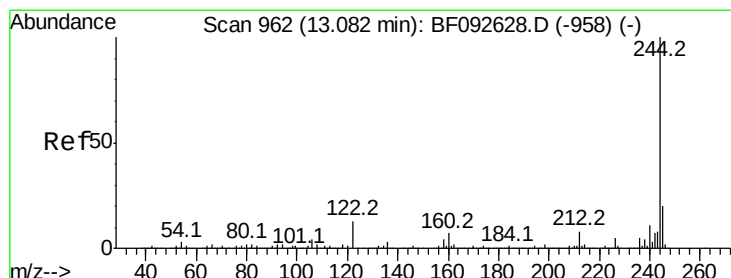
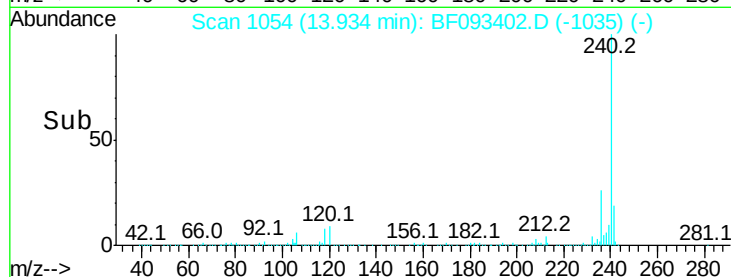
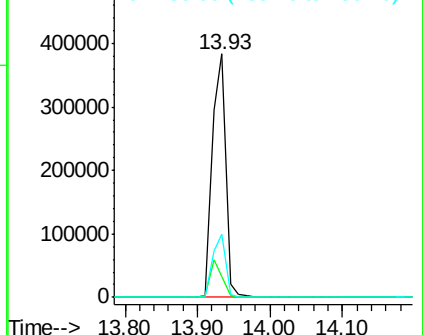
236 26.2 20.9 31.3



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: 58.65 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.10 min

Lab File: BF093402.D

Acq: 6 Mar 2017 15:55

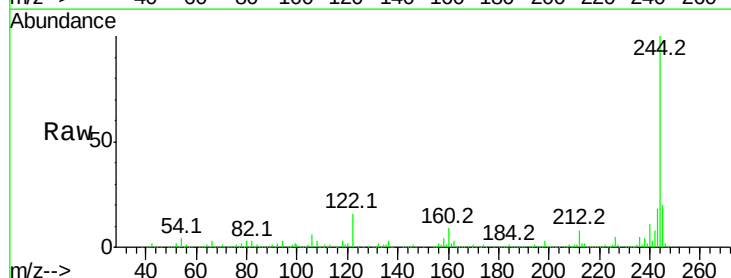
Tgt Ion:244 Resp: 1221496

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

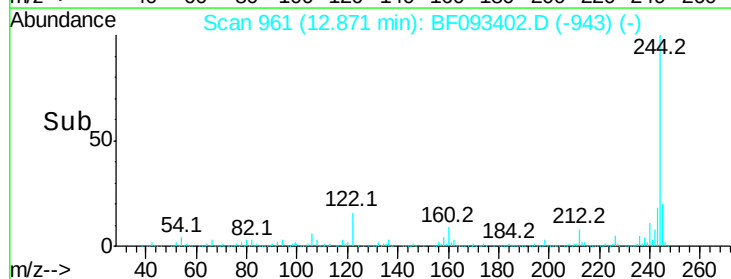
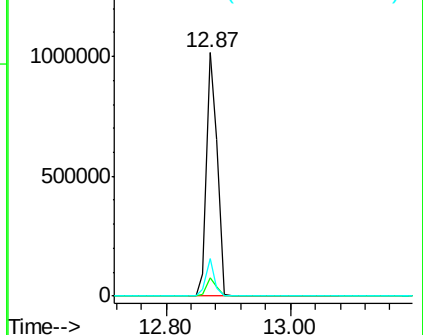
122 15.6 11.4 17.2

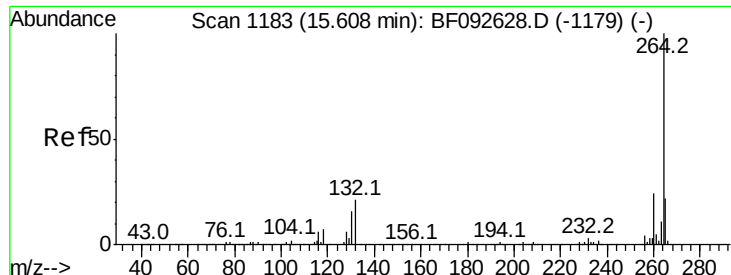


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

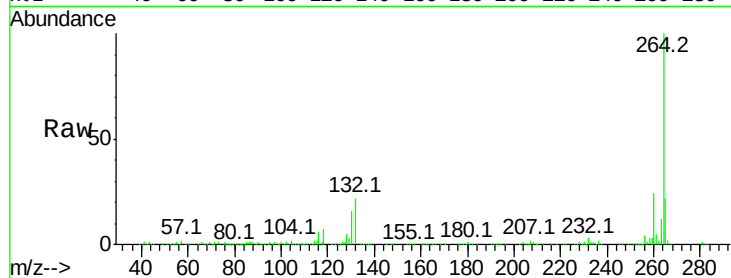




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1177
Delta R.T. -0.11 min
Lab File: BF093402.D
Acq: 6 Mar 2017 15:55

Instrument :
BNA_F
ClientSampleId :
RF-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	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

