

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101667.D
 Acq On : 22 Dec 2017 21:29
 Operator : SJ/JU
 Sample : I6677-09 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Quant Time: Dec 22 22:38:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

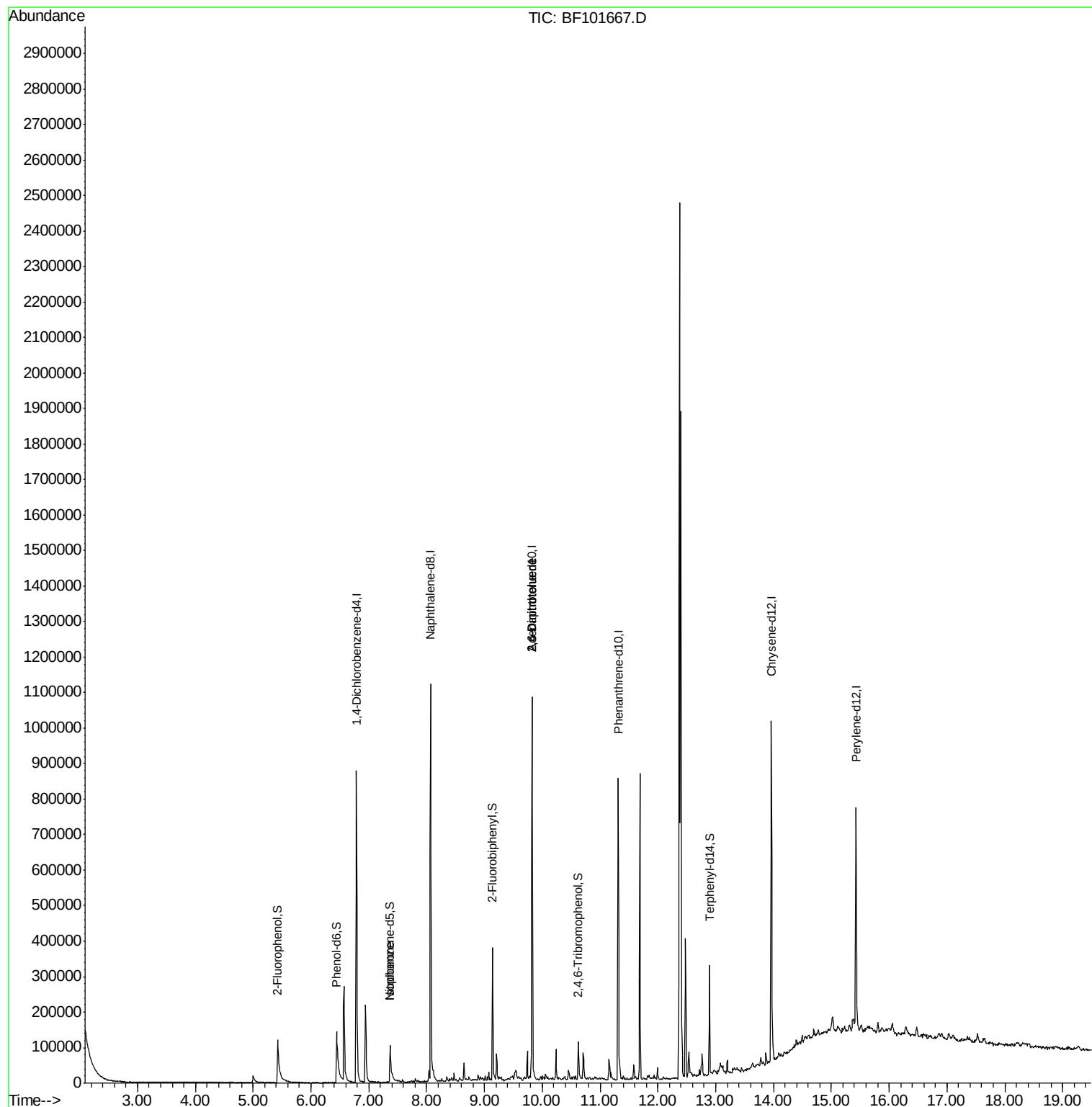
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	138427	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	527607	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	202744	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	315086	20.00	ng	0.00
75) Chrysene-d12	13.96	240	297400	20.00	ng	0.00
86) Perylene-d12	15.43	264	309181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	91322	9.83	ng	0.02
7) Phenol-d6	6.45	99	113368	9.80	ng	0.01
23) Nitrobenzene-d5	7.36	82	67708	7.14	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	15828	8.10	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	122149	9.35	ng	0.00
78) Terphenyl-d14	12.89	244	88931	7.21	ng	-0.01
Target Compounds						
25) Isophorone	7.36	82	67708	3.561	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	25827	7.792	ng	# 26
56) 2,4-Dinitrotoluene	9.82	165	25827	6.916	ng	# 23

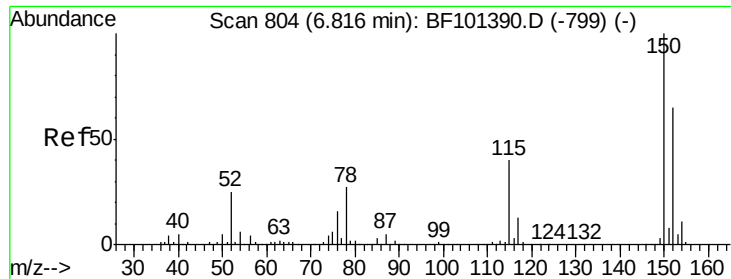
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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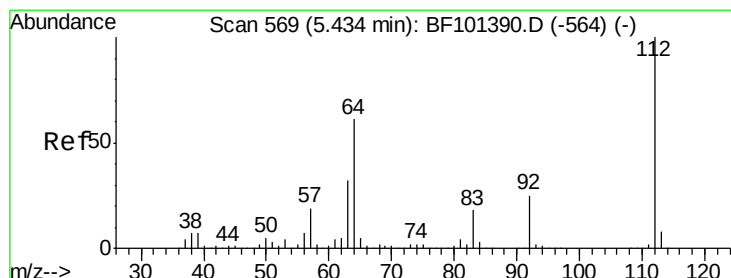
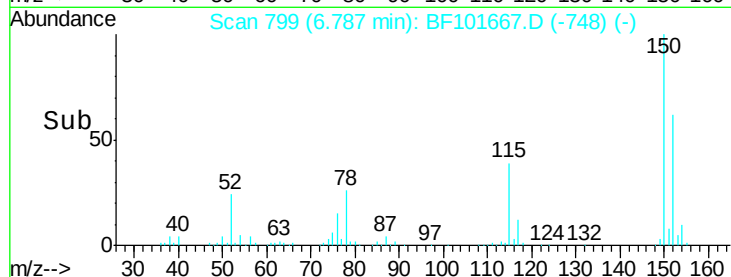
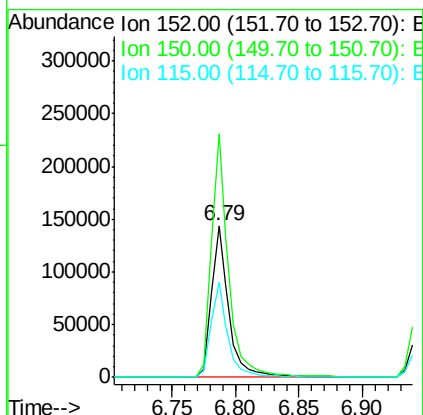
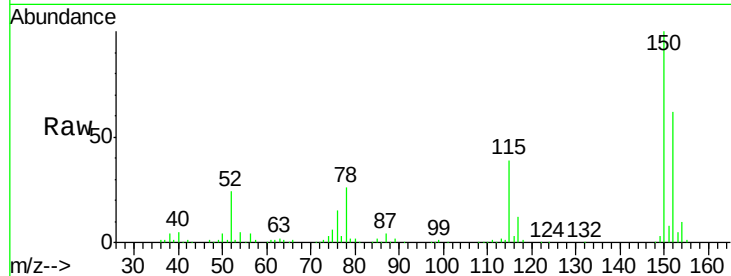


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

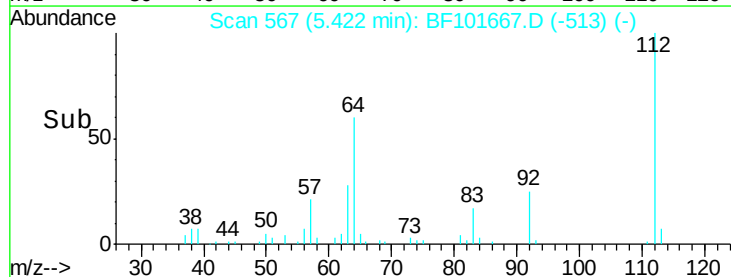
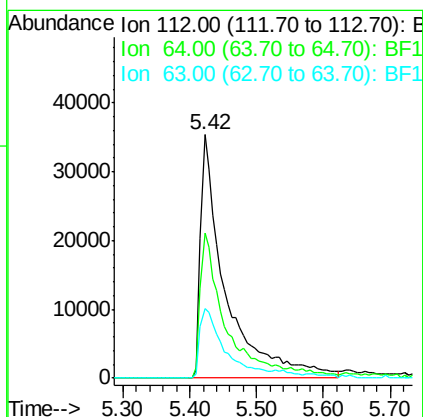
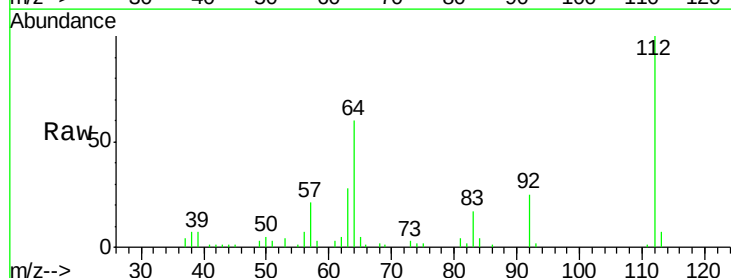
Tot Ion:152 Resp: 138427
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 62.4 50.1 75.1

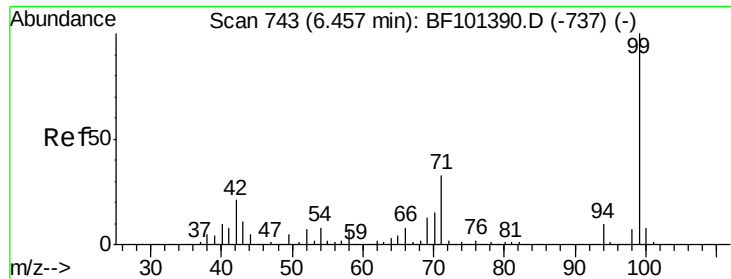


#5

2-Fluorophenol
Concen: 9.827 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

Tgt Ion:112 Resp: 91322
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 28.4 23.7 35.5





#7

Phenol-d6

Concen: 9.802 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

OR-02-122117-A

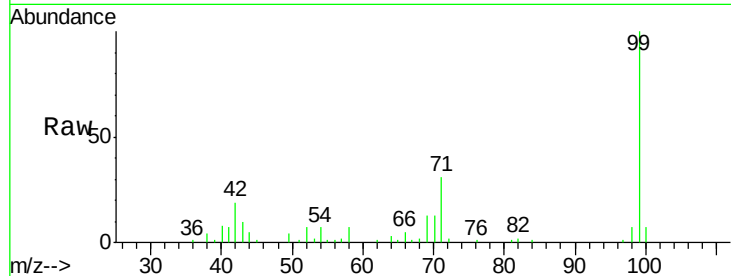
Tot Ion: 99 Resp: 113368

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

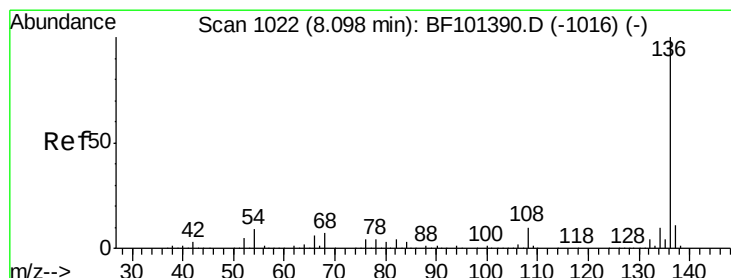
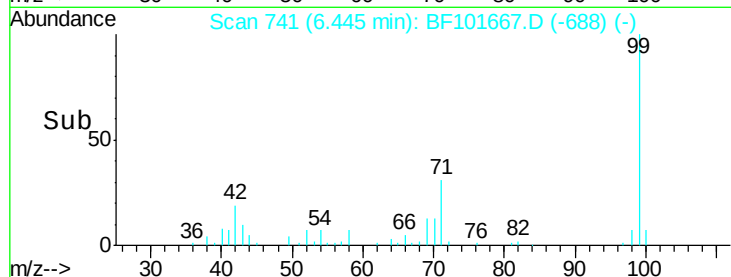
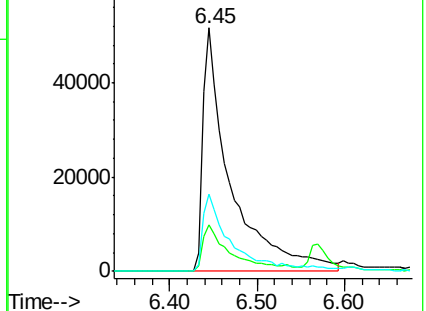
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

Tgt Ion: 136 Resp: 527607

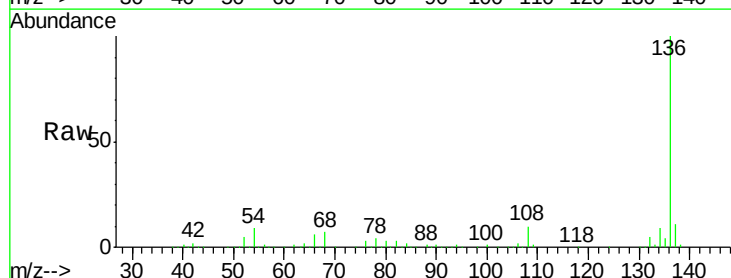
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.8 5.0 7.4

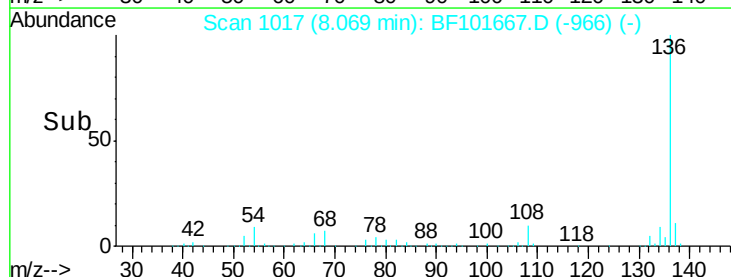
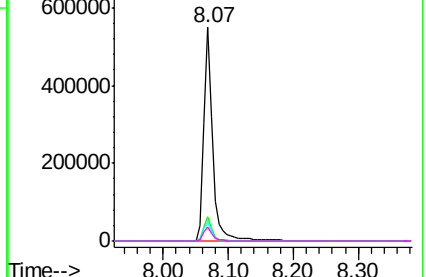


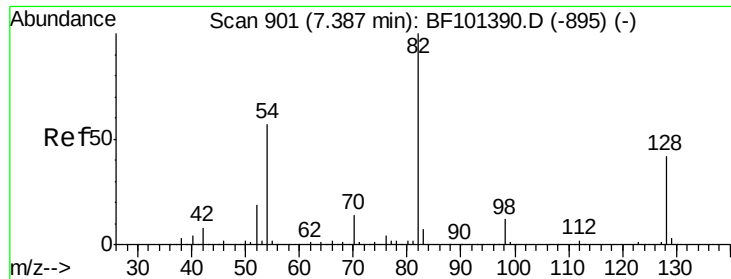
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

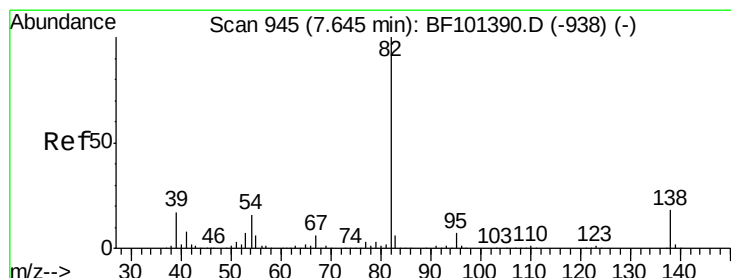
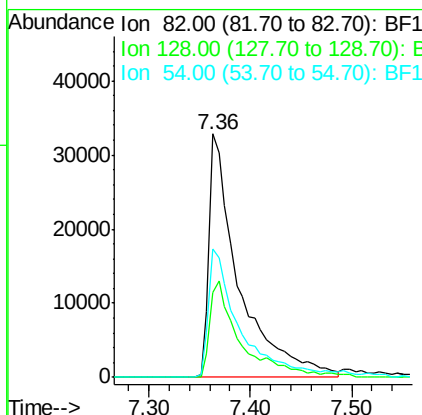
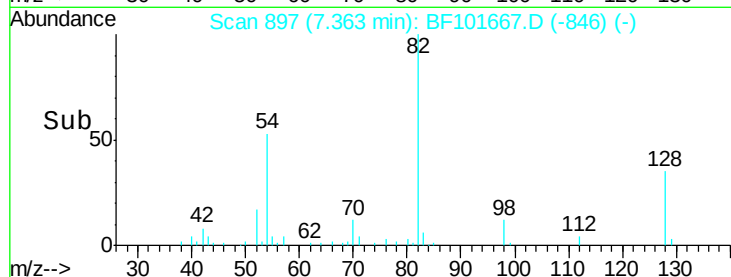
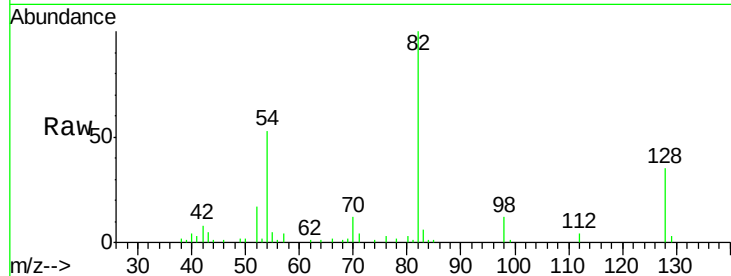




#23
Nitrobenzene-d5
Concen: 7.144 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

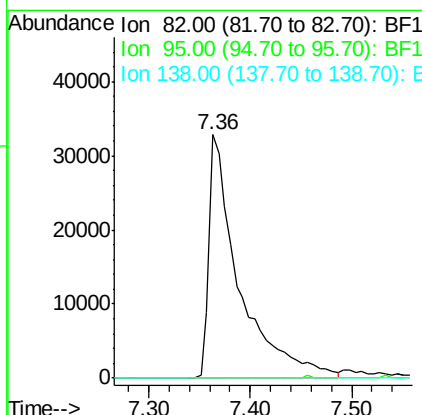
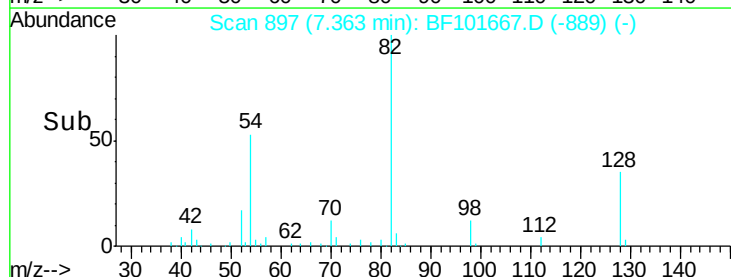
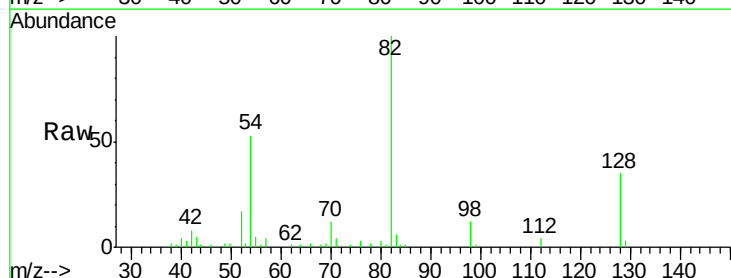
Instrument :
BNA_F
ClientSampleId :
OR-02-122117-A

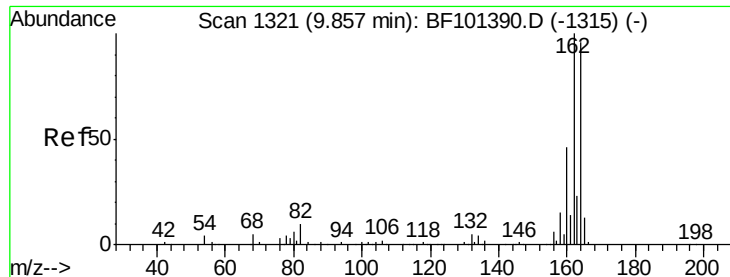
Tot Ion: 82 Resp: 67708
Ion Ratio Lower Upper
82 100
128 34.9 36.1 54.1#
54 52.7 41.4 62.2



#25
Isophorone
Concen: 3.561 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101667.D
Acq: 22 Dec 2017 21:29

Tgt Ion: 82 Resp: 67708
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

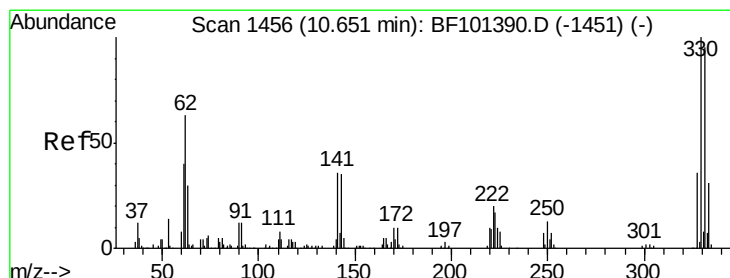
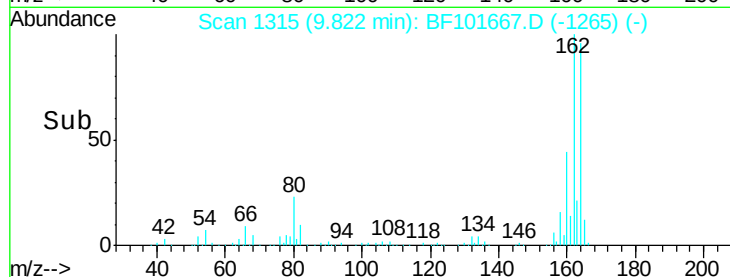
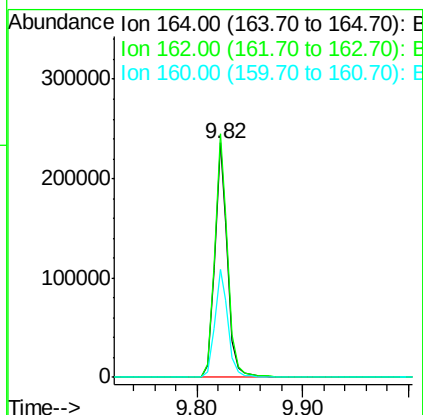
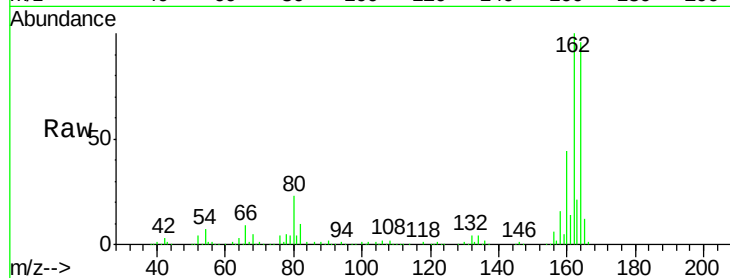




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

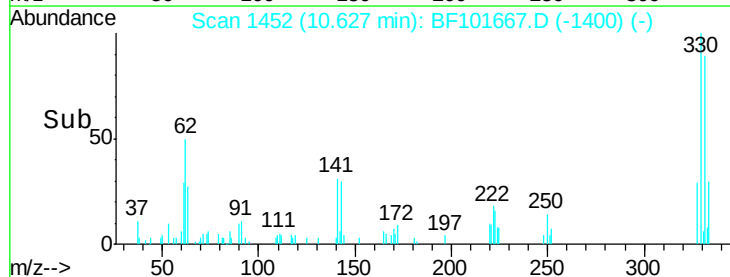
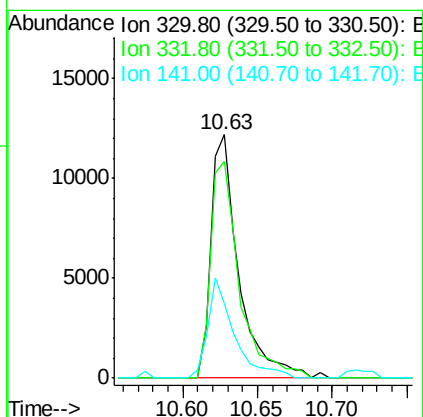
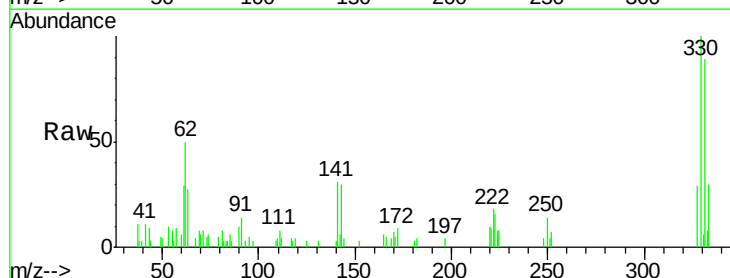
Instrument :
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 ClientSampleId :
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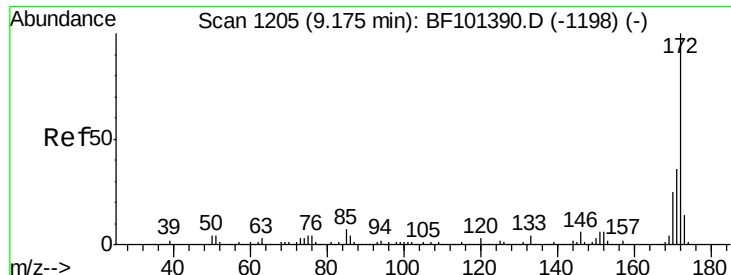
Tot Ion:164 Resp: 202744
 Ion Ratio Lower Upper
 164 100
 162 103.9 86.1 129.1
 160 46.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 8.102 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Tgt Ion:330 Resp: 15828
 Ion Ratio Lower Upper
 330 100
 332 92.2 77.0 115.6
 141 38.8 29.9 44.9

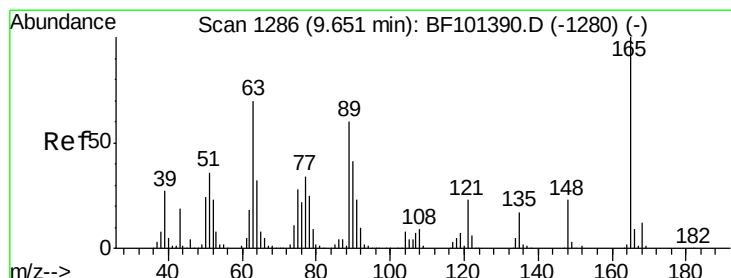
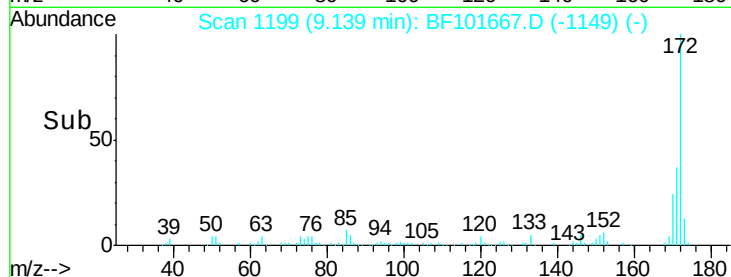
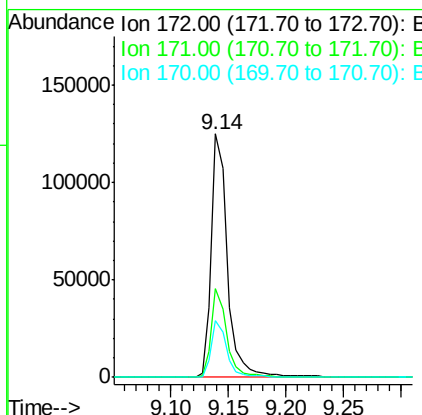
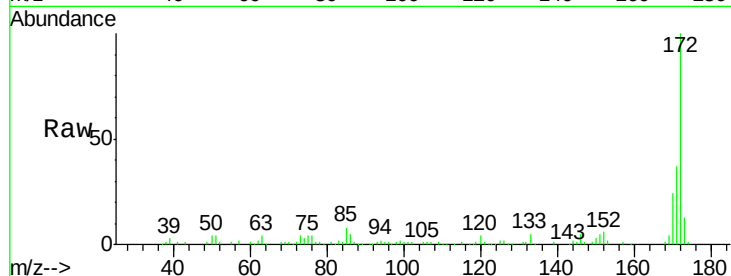




#44
 2-Fluorobiphenyl
 Concen: 9.346 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

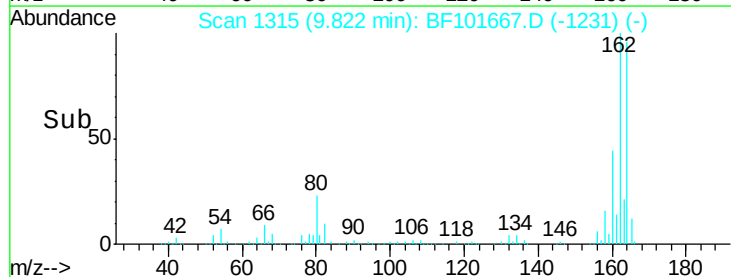
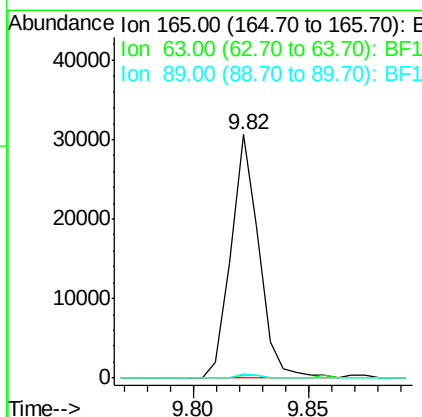
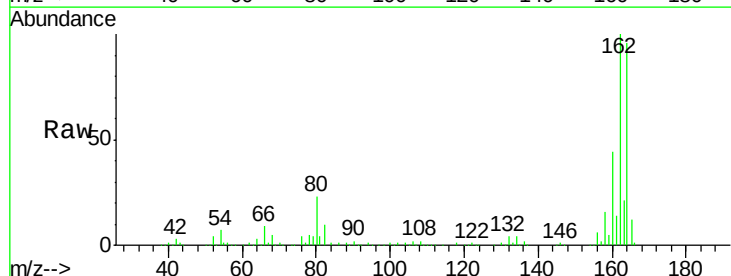
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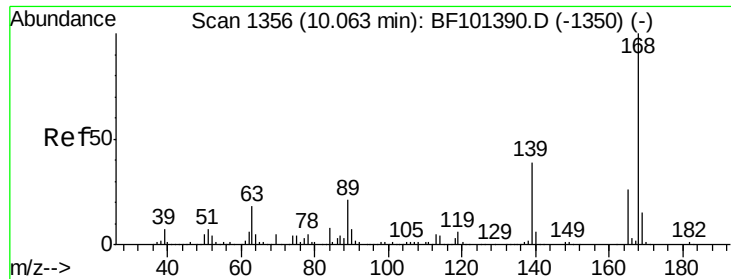
Tot Ion:172 Resp: 122149
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 23.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.792 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Tgt Ion:165 Resp: 25827
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.7 44.0 66.0#

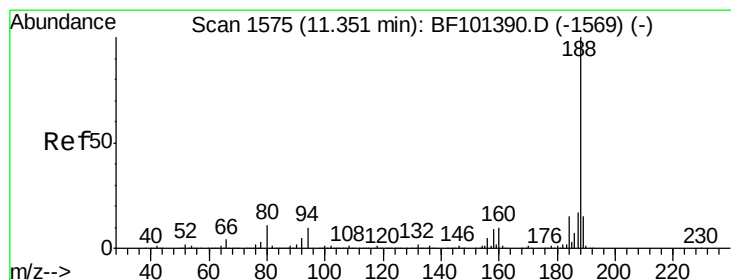
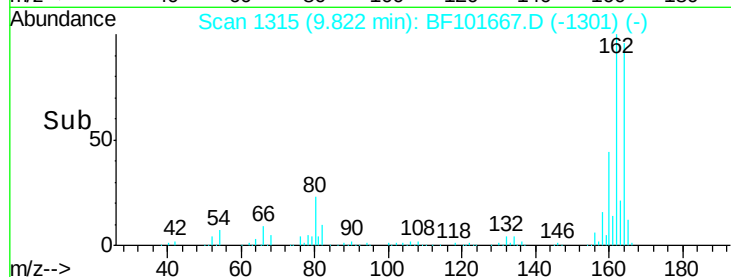
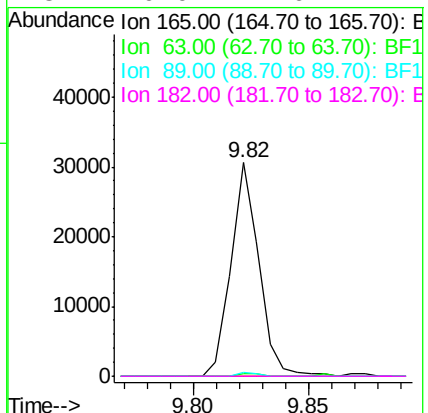
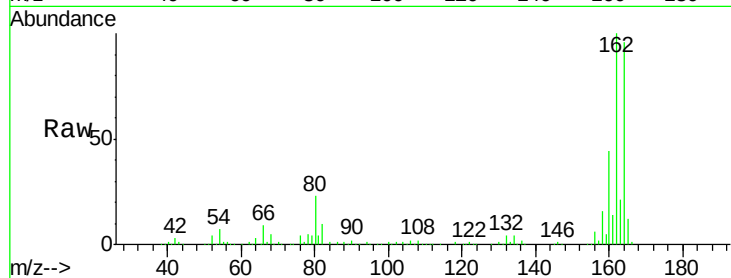




#56
 2,4-Dinitrotoluene
 Concen: 6.916 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

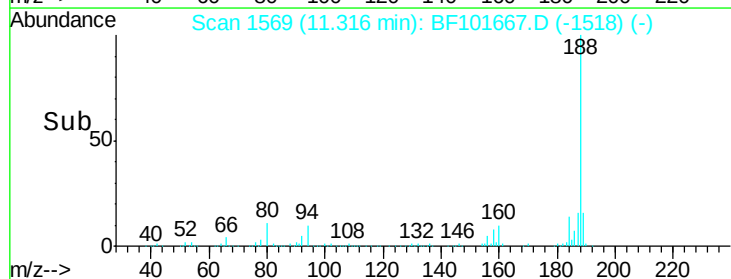
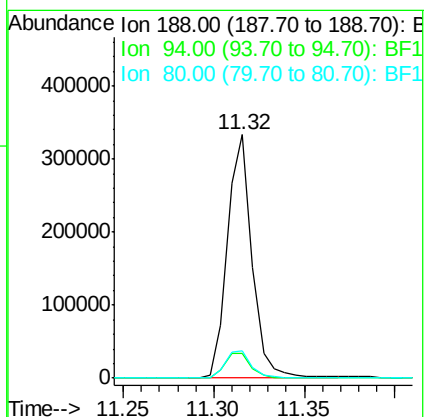
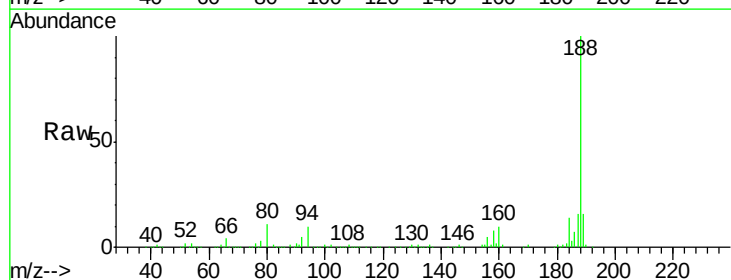
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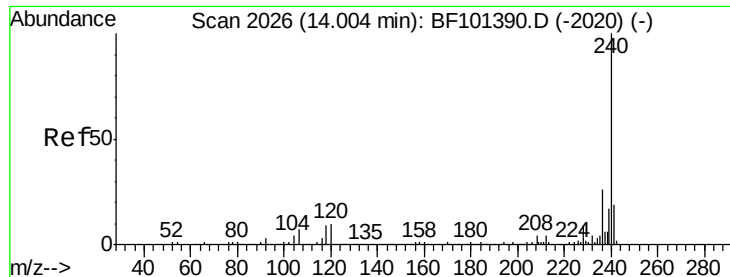
Tot Ion:165 Resp: 25827
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Tgt Ion:188 Resp: 315086
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 11.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

Instrument :

BNA_F

ClientSampleId :

OR-02-122117-A

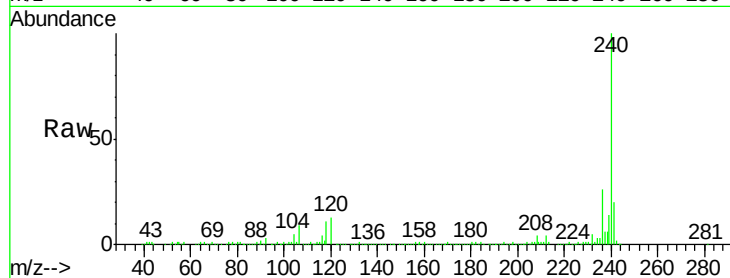
Tot Ion:240 Resp: 297400

Ion Ratio Lower Upper

240 100

120 13.1 9.5 14.3

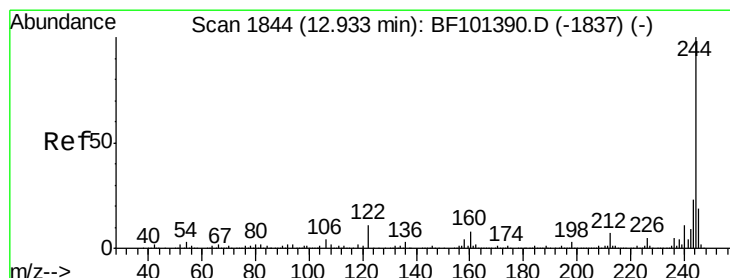
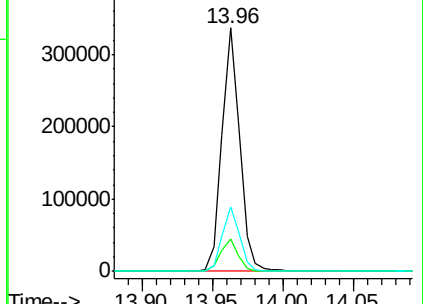
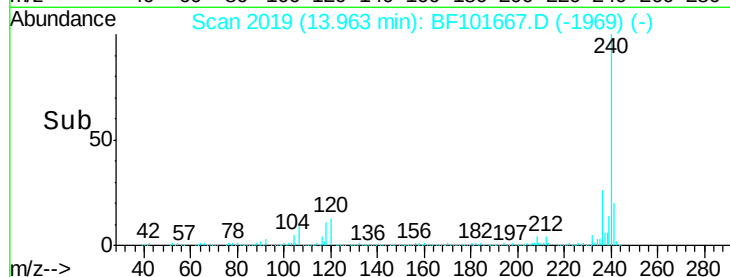
236 26.3 20.7 31.1



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: 7.209 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101667.D

Acq: 22 Dec 2017 21:29

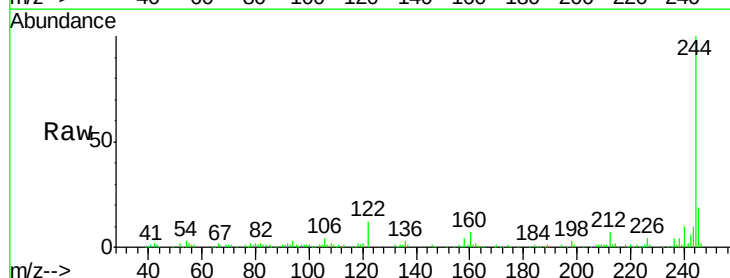
Tgt Ion:244 Resp: 88931

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

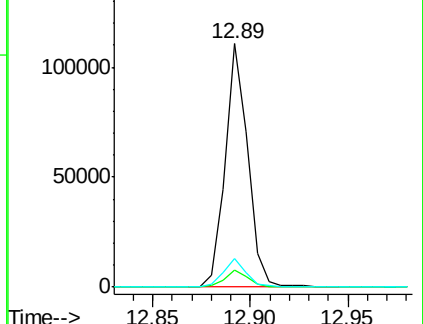
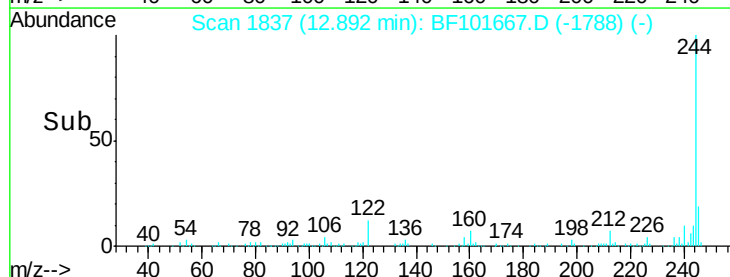
122 11.7 11.0 16.4

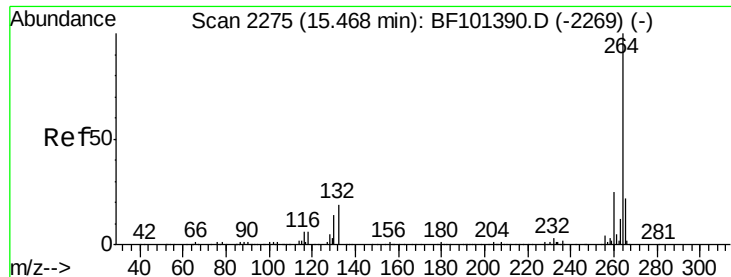


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BF101667.D
 Acq: 22 Dec 2017 21:29

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-122117-A

Tot Ion:264 Resp: 309181
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 17.5 26.3

