

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109283.D
 Acq On : 25 Sep 2018 14:14
 Operator : JU/SJ
 Sample : J5055-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Sep 25 16:26:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113137	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	430878	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	166971	20.00	ng	0.01
63) Phenanthrene-d10	11.24	188	195791	20.00	ng	0.03
75) Chrysene-d12	13.86	240	236314	20.00	ng	0.01
86) Perylene-d12	15.26	264	277627	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	543984	79.19	ng	0.00
7) Phenol-d6	6.35	99	707805	80.75	ng	0.00
23) Nitrobenzene-d5	7.27	82	443663	60.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	121325	73.71	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	777416	70.22	ng	0.00
78) Terphenyl-d14	12.82	244	472591	49.08	ng	0.02

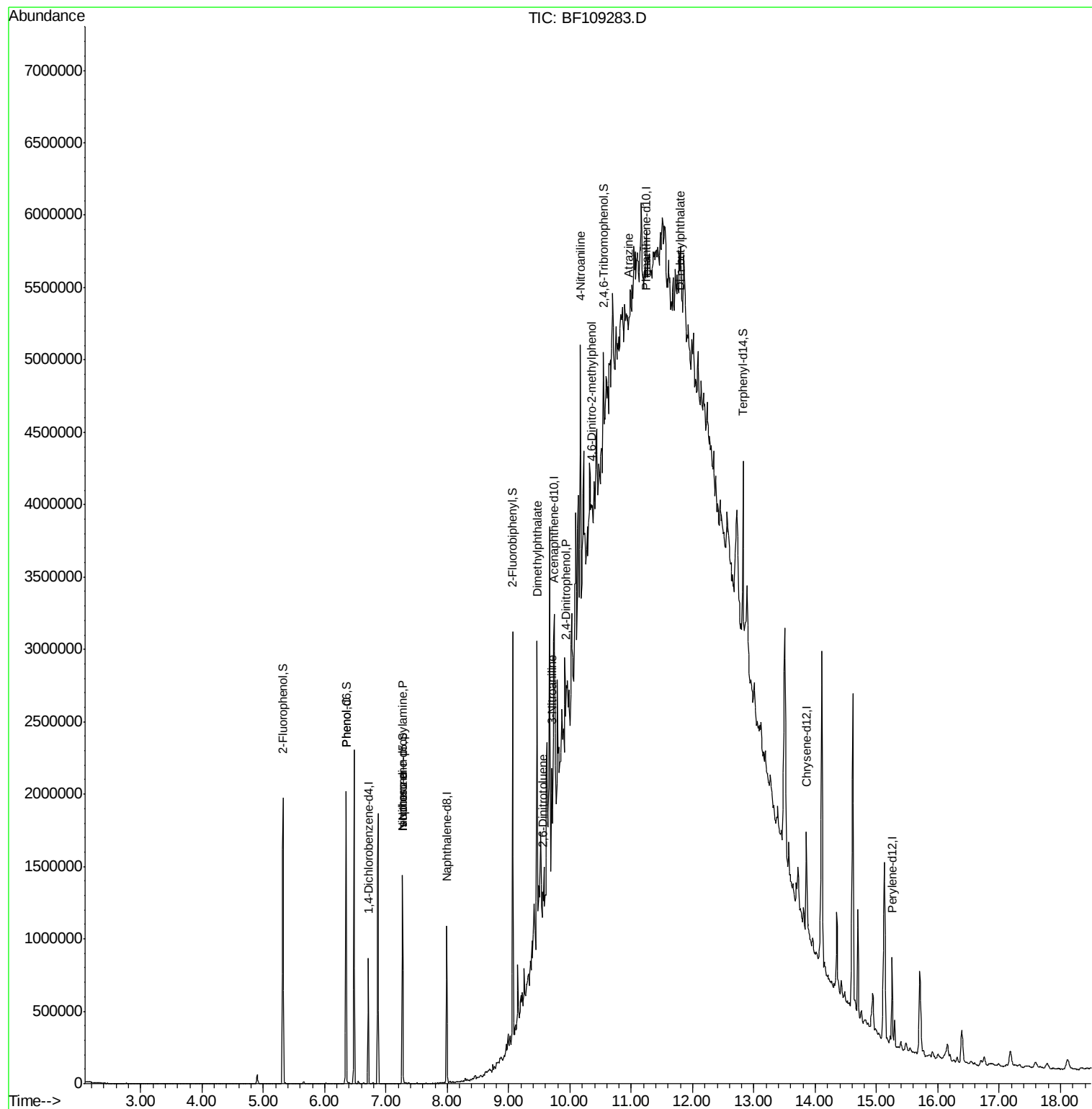
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.36	94	22450	2.262	ng	80
19) n-Nitroso-di-n-propylamine	7.27	70	59659	10.388	ng	# 77
25) Isophorone	7.27	82	393941	29.972	ng	# 64
49) Dimethylphthalate	9.46	163	200629	16.520	ng	# 89
50) 2,6-Dinitrotoluene	9.56	165	11918	4.955	ng	# 30
52) 3-Nitroaniline	9.70	138	19428	6.975	ng	# 15
53) 2,4-Dinitrophenol	9.95	184	126	8.634	ng	# 1
61) 4-Nitroaniline	10.17	138	22461	8.269	ng	89
64) 4,6-Dinitro-2-methylphenol	10.37	198	1160	7.799	ng	# 1
68) Atrazine	10.95	200	5481	2.755	ng	# 1
73) Di-n-butylphthalate	11.80	149	42400	3.733	ng	# 49

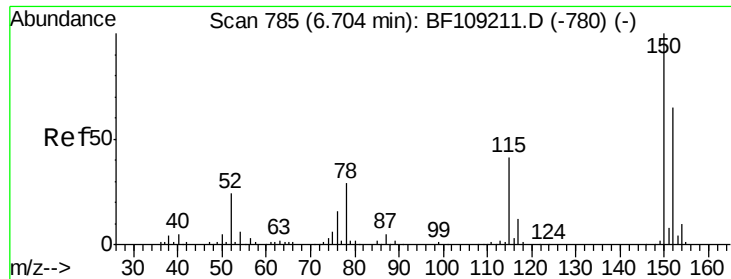
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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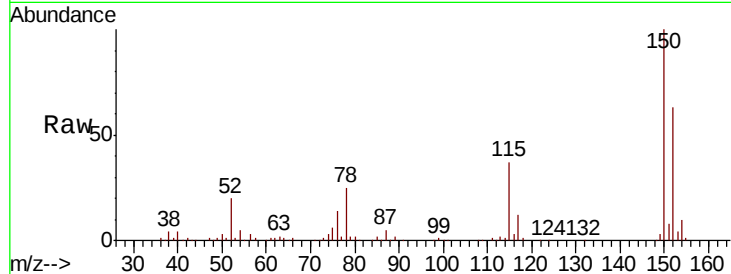


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	59.1	50.1	75.1

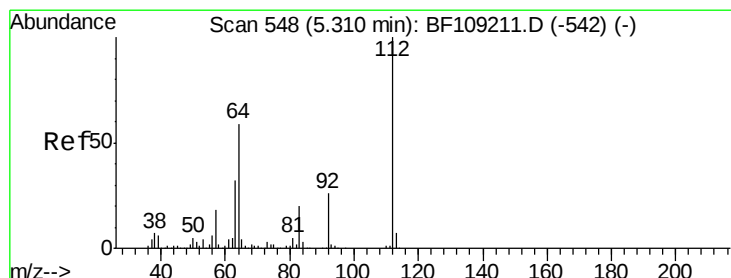
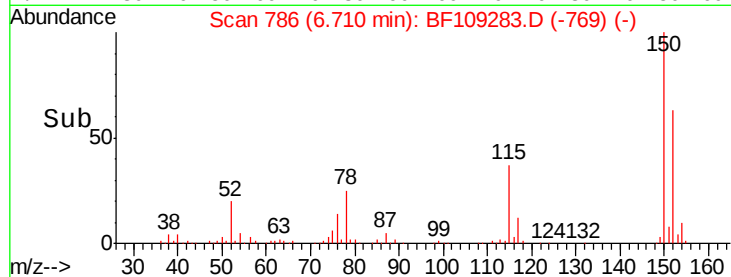
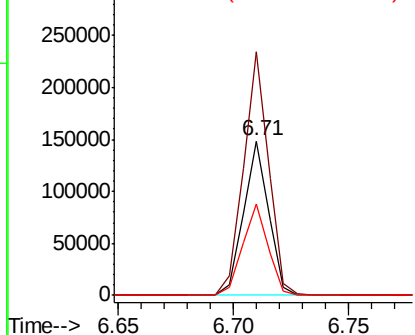


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

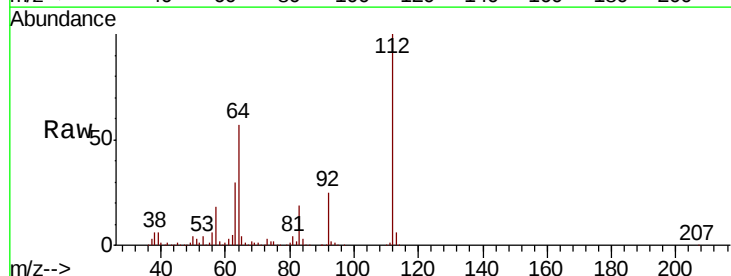
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.195 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	30.0	23.7	35.5

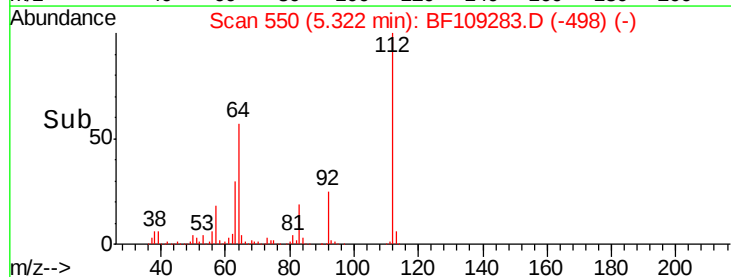
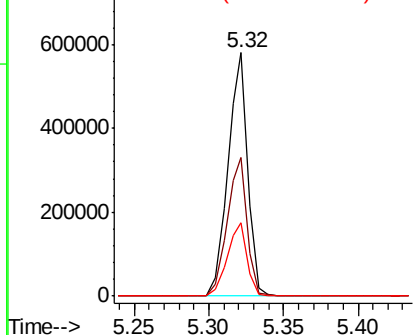


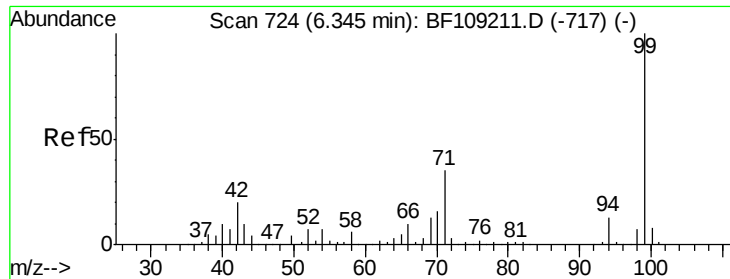
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 80.753 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampled :

TP-A

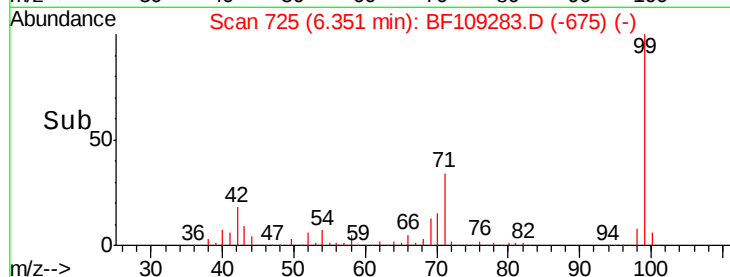
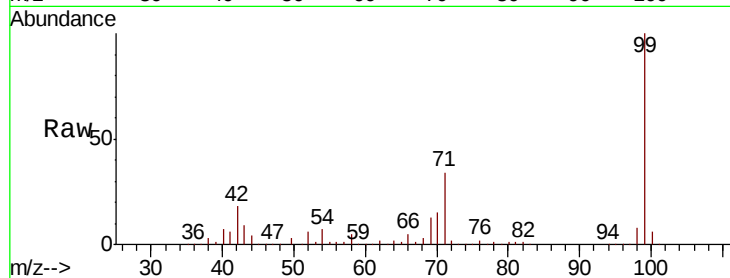
Tot Ion: 99 Resp: 707805

Ion Ratio Lower Upper

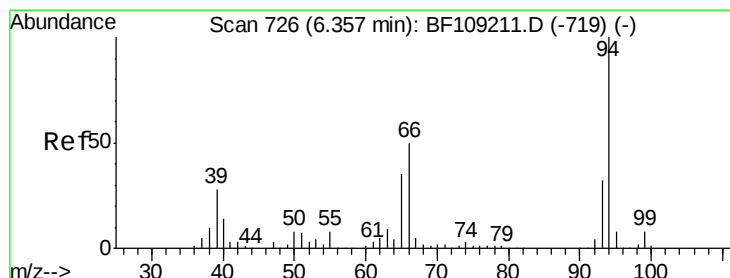
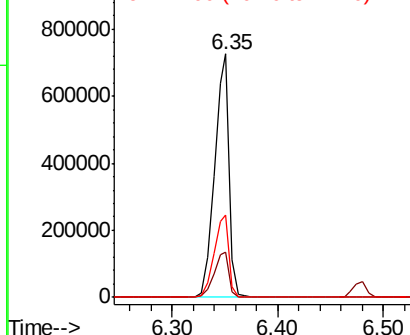
99 100

42 18.4 14.5 21.7

71 33.9 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



#10

Phenol

Concen: 2.262 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

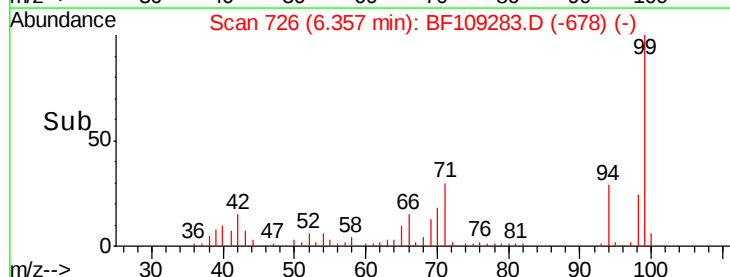
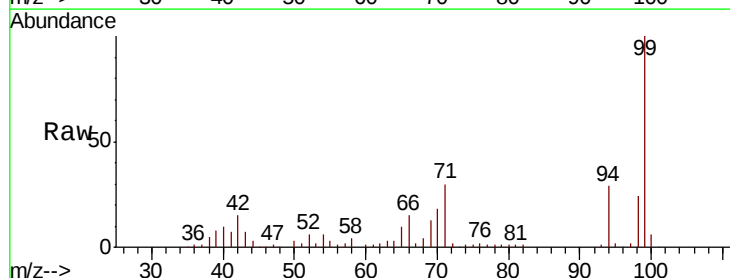
Tgt Ion: 94 Resp: 22450

Ion Ratio Lower Upper

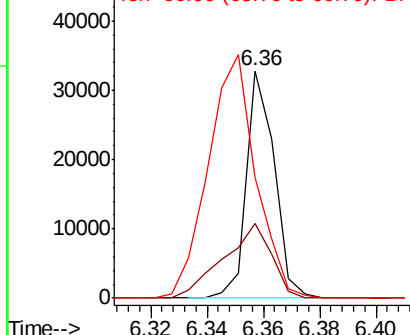
94 100

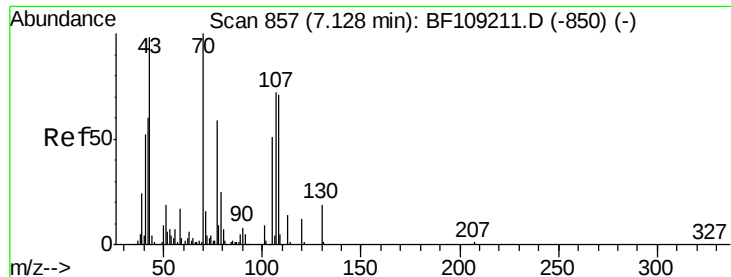
65 33.1 7.9 47.9

66 53.0 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

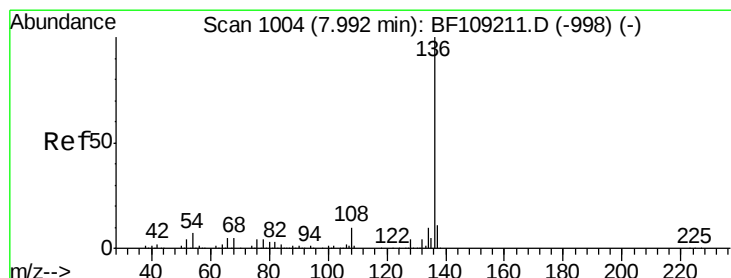
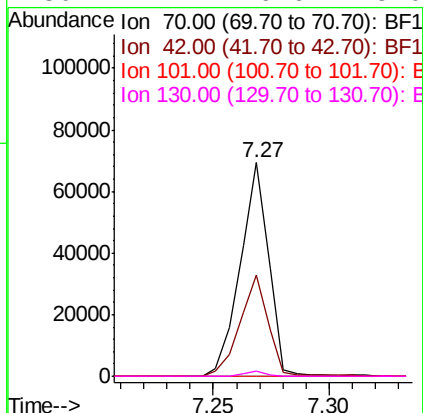
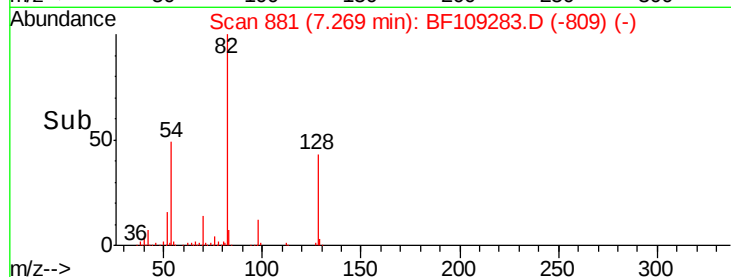
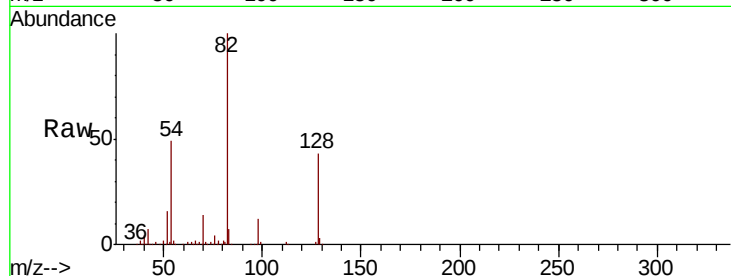




#19
n-Nitroso-di-n-propylamine
Concen: 10.388 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

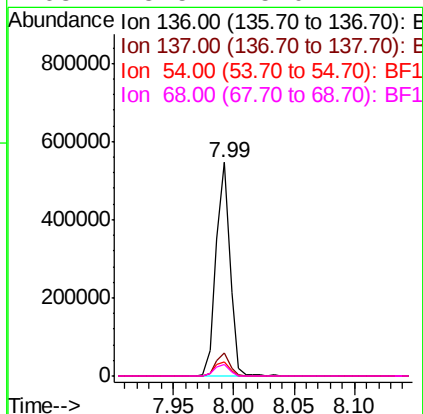
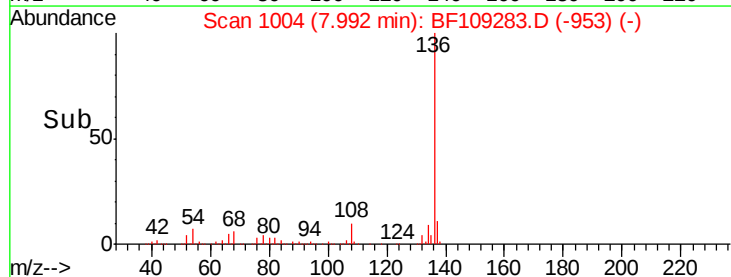
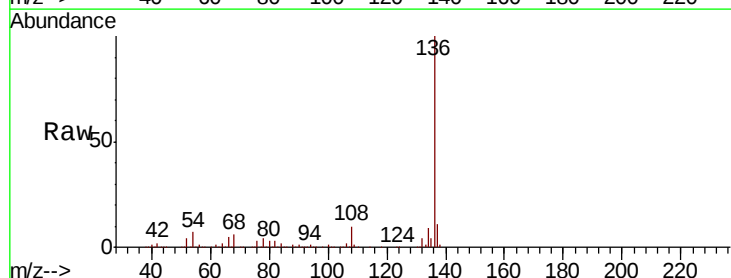
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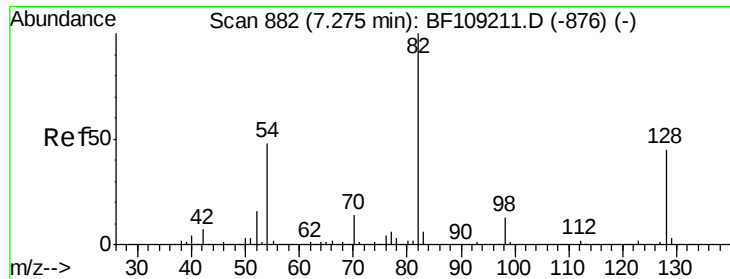
Tot Ion: 70 Resp: 59659
Ion Ratio Lower Upper
70 100
42 47.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion: 136 Resp: 430878
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.8 6.6 9.8
68 5.5 5.0 7.4

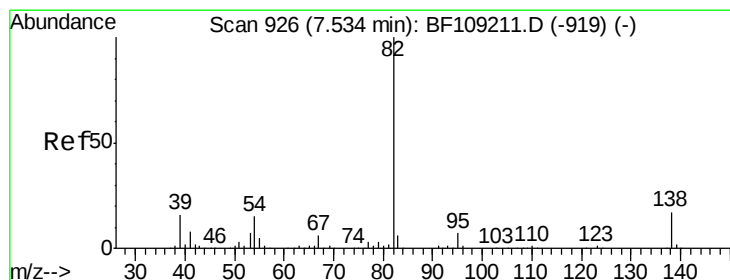
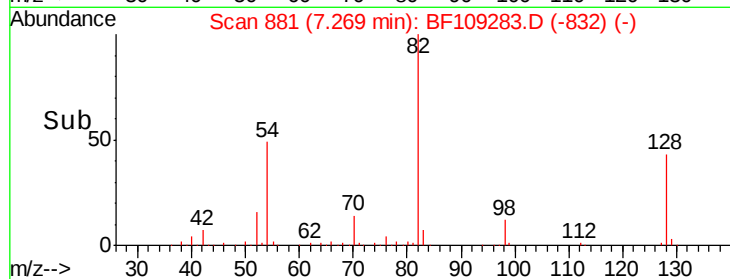
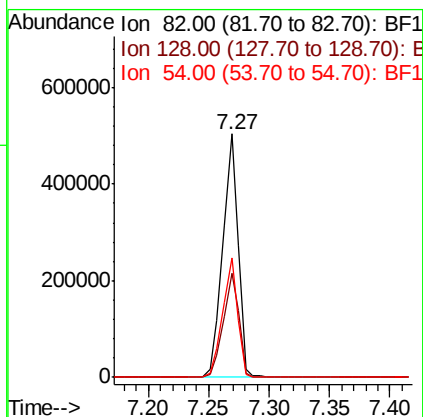
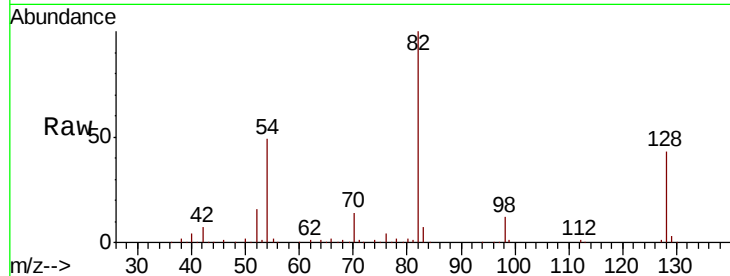




#23
Nitrobenzene-d5
Concen: 60.783 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

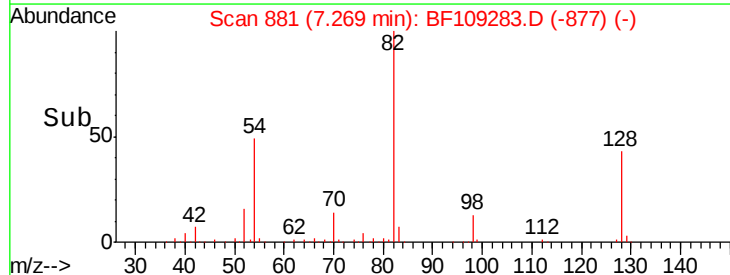
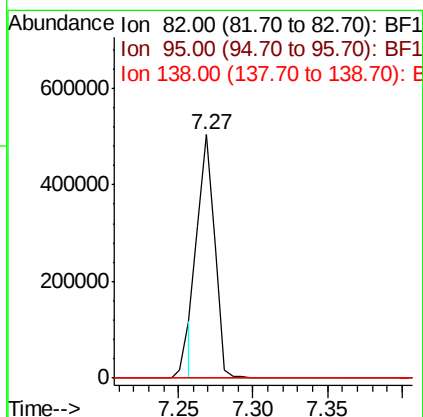
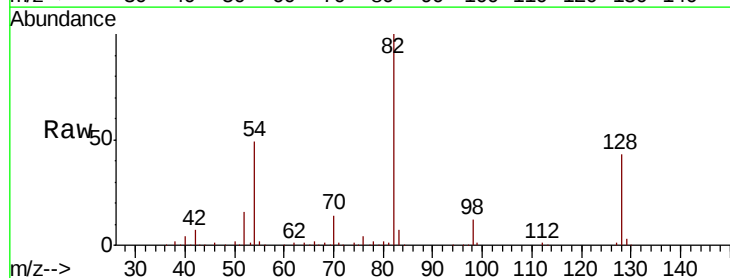
Instrument :
BNA_F
ClientSampleId :
TP-A

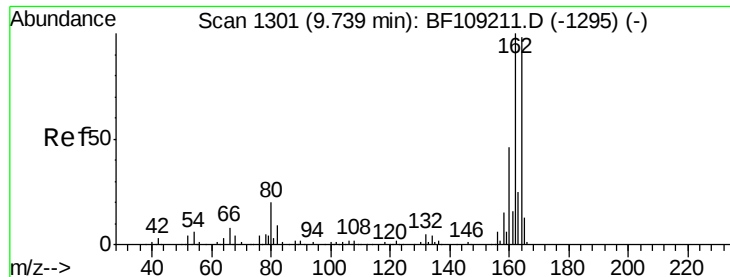
Tot Ion: 82 Resp: 443663
Ion Ratio Lower Upper
82 100
128 42.9 36.1 54.1
54 49.0 41.4 62.2



#25
Isophorone
Concen: 29.972 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion: 82 Resp: 393941
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

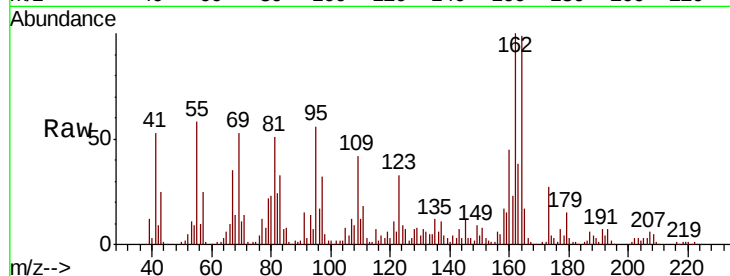




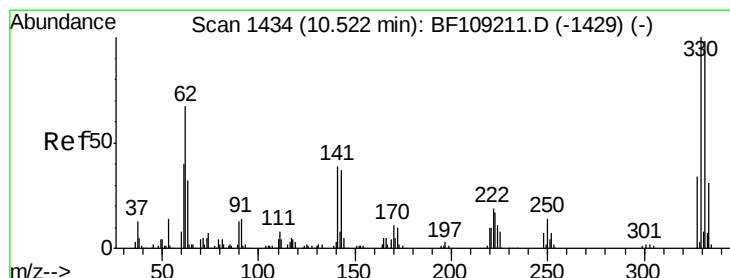
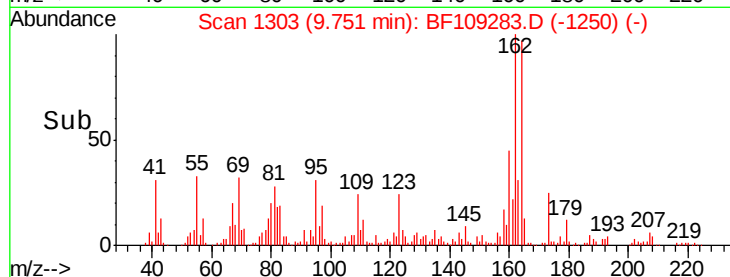
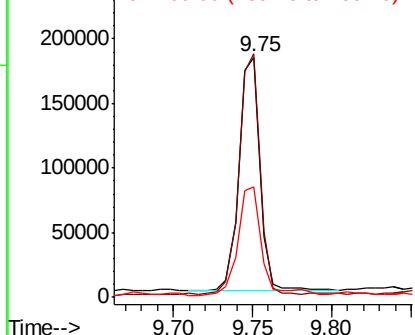
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion:164 Resp: 166971
Ion Ratio Lower Upper
164 100
162 101.3 86.1 129.1
160 46.0 38.3 57.5

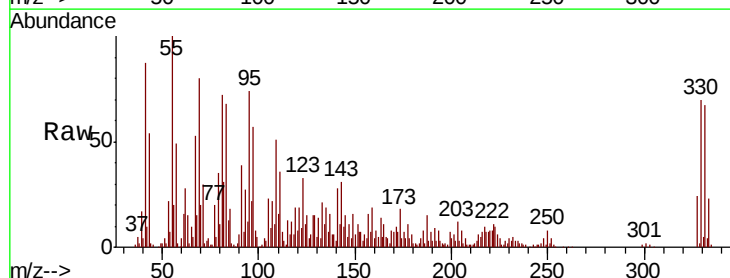


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

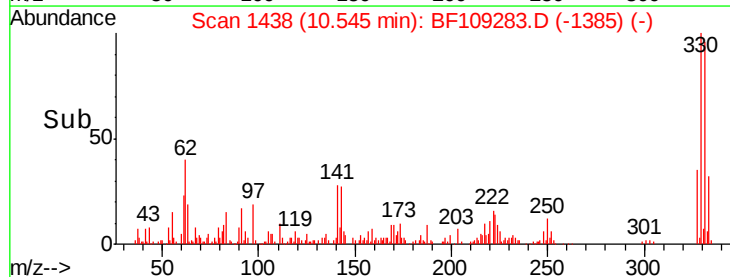
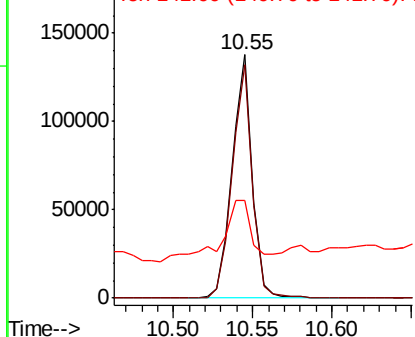


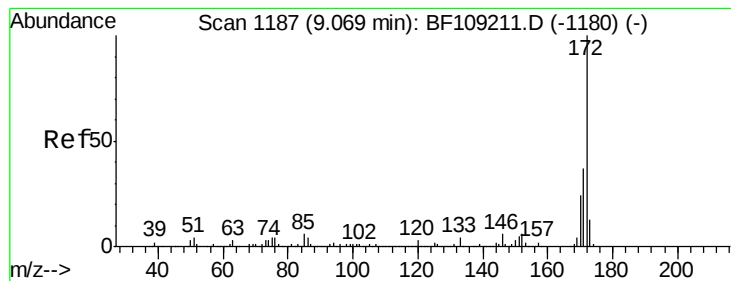
#41
2,4,6-Tribromophenol
Concen: 73.710 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Tgt Ion:330 Resp: 121325
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 37.8 29.9 44.9



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

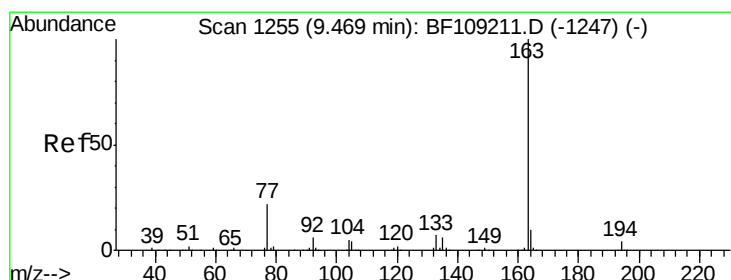
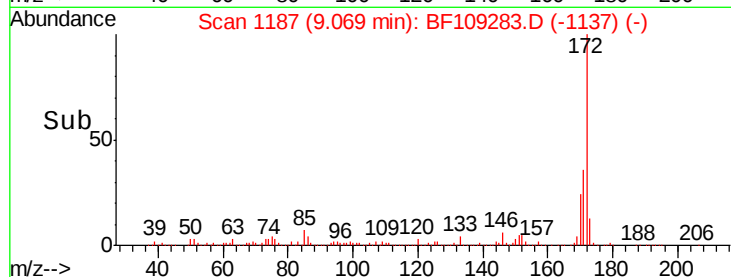
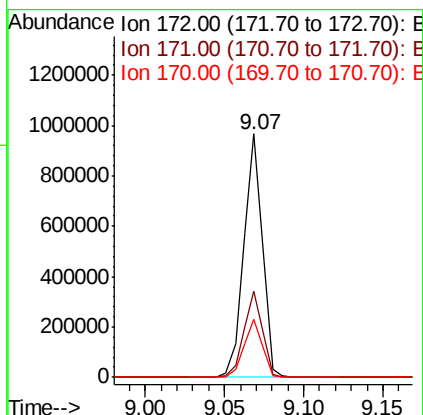
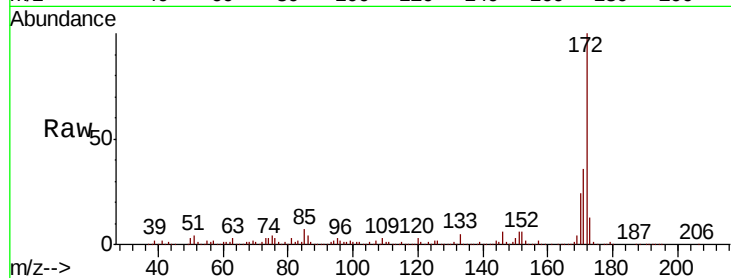




#44
 2-Fluorobiphenyl
 Concen: 70.221 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

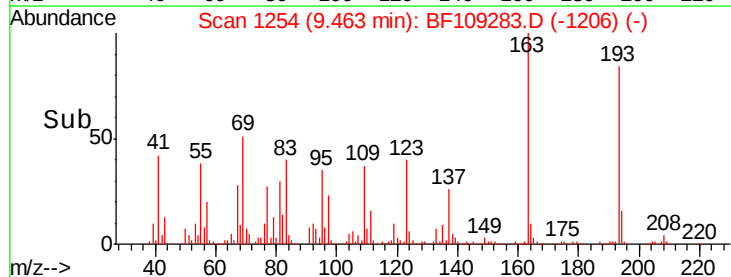
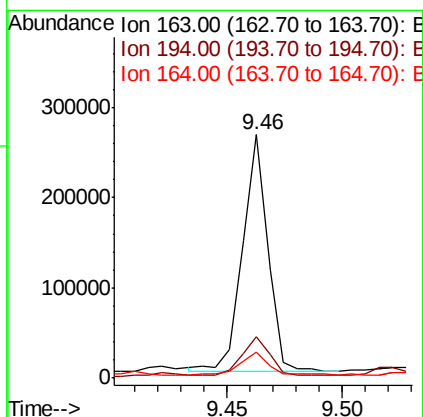
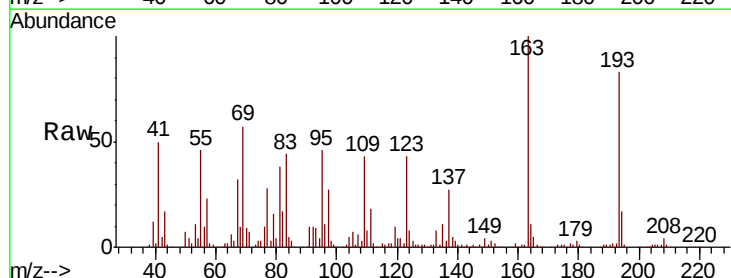
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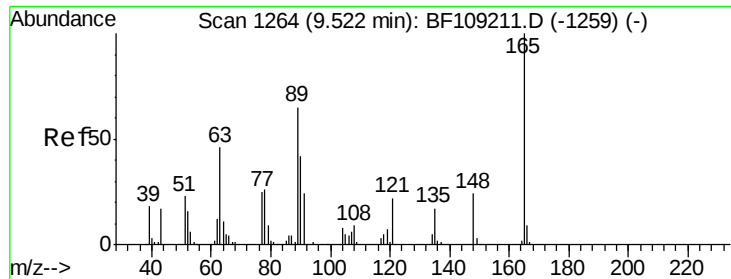
Tot Ion:172 Resp: 777416
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.9 19.6 29.4



#49
 Dimethylphthalate
 Concen: 16.520 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

Tgt Ion:163 Resp: 200629
 Ion Ratio Lower Upper
 163 100
 194 16.9 2.7 4.1#
 164 10.8 8.2 12.2

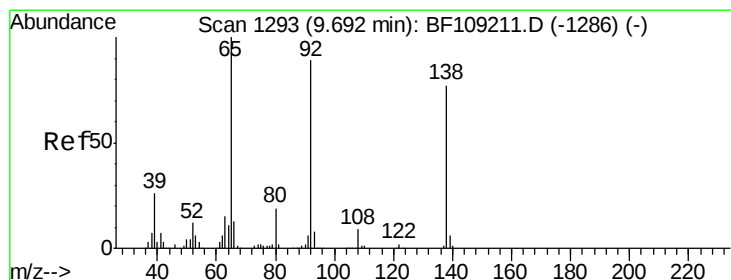
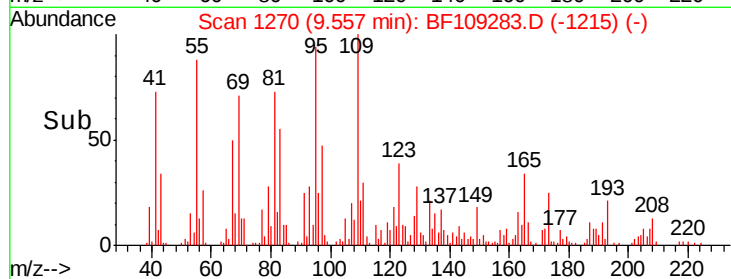
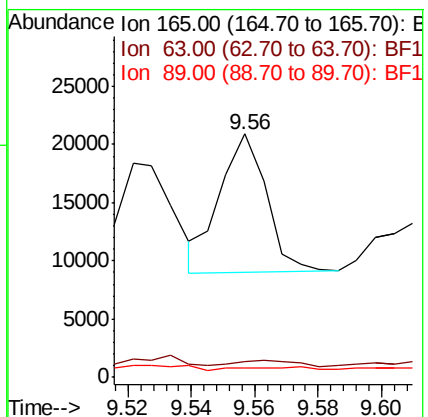
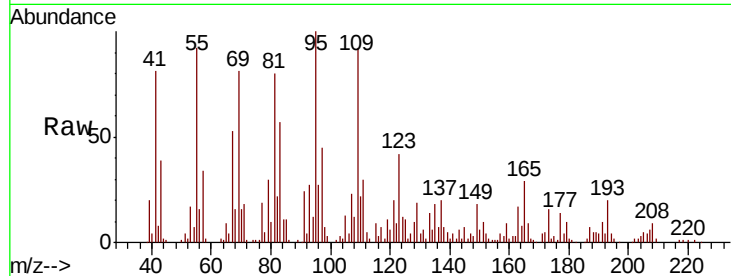




#50
 2,6-Dinitrotoluene
 Concen: 4.955 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.02 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

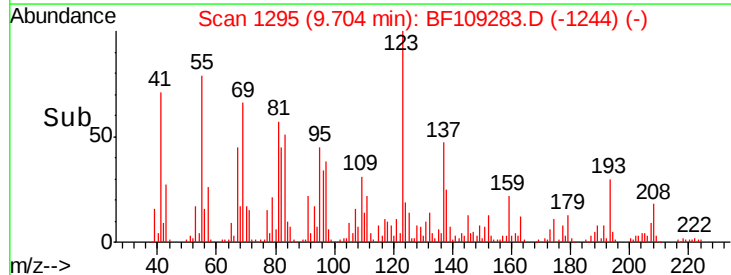
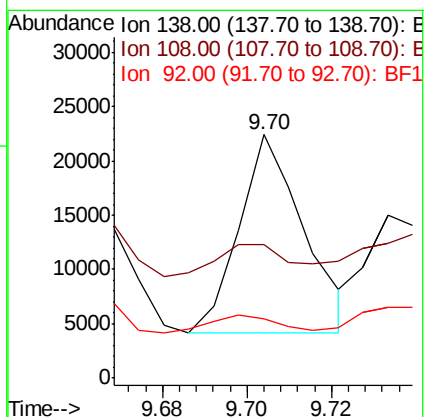
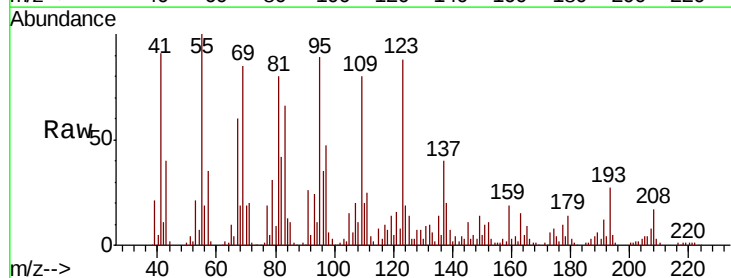
Instrument :
 BNA_F
 ClientSampleId :
 TP-A

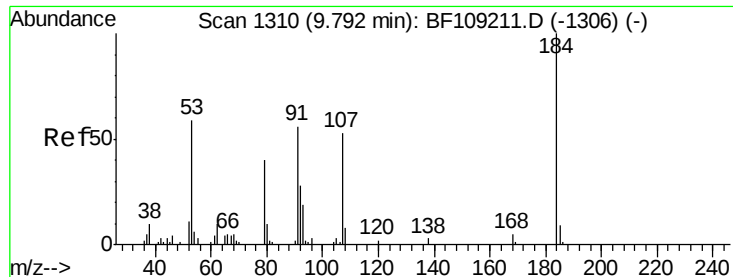
Tot Ion:165 Resp: 11918
 Ion Ratio Lower Upper
 165 100
 63 6.2 44.7 67.1#
 89 3.6 44.0 66.0#



#52
 3-Nitroaniline
 Concen: 6.975 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

Tgt Ion:138 Resp: 19428
 Ion Ratio Lower Upper
 138 100
 108 54.7 9.4 14.0#
 92 24.5 89.4 134.2#

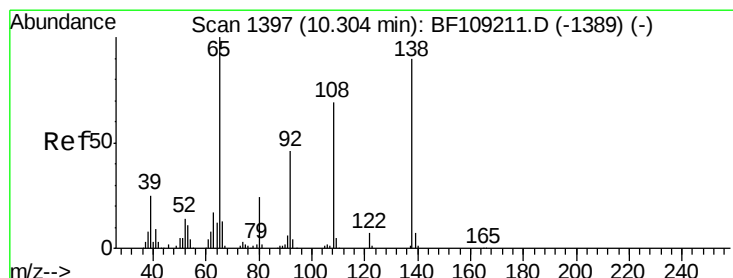
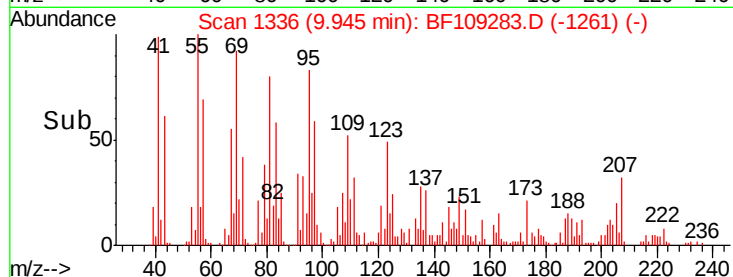
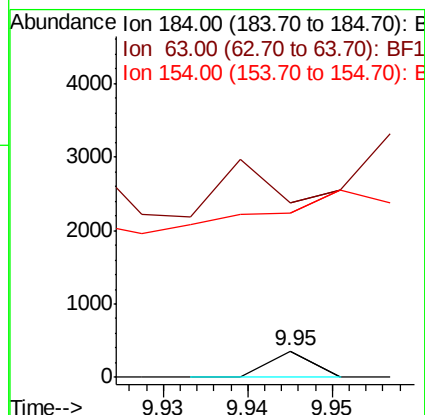
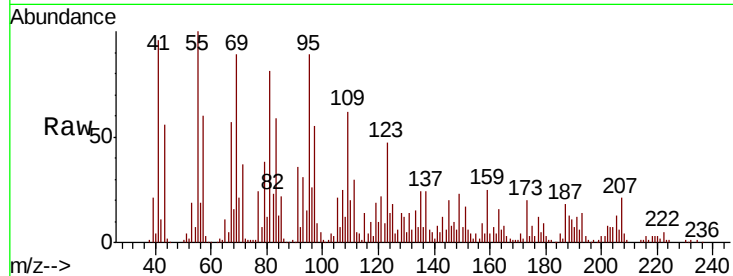




#53
 2,4-Dinitrophenol
 Concen: 8.634 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.14 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

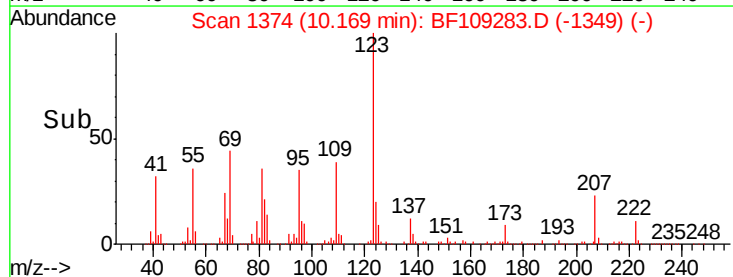
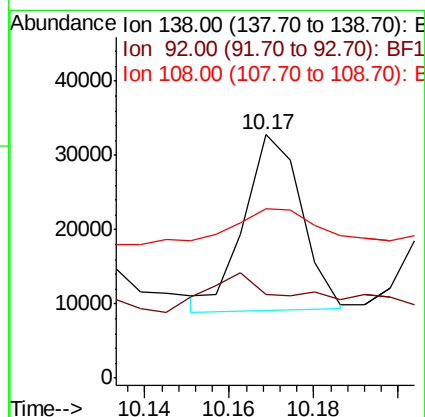
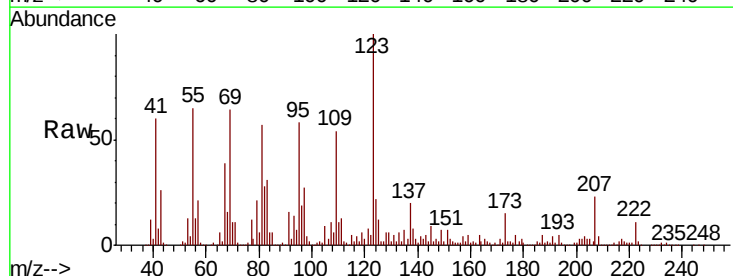
Instrument :
 BNA_F
 ClientSampled :
 TP-A

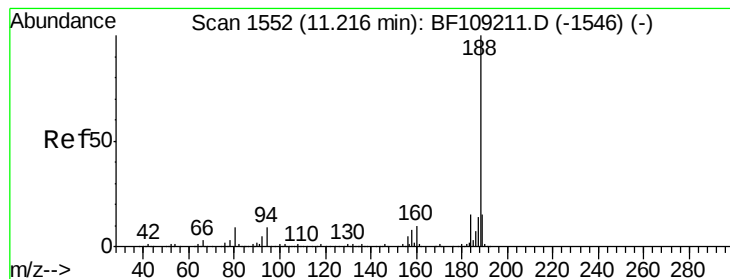
Tot Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 664.5 54.2 81.2#
 154 627.1 184.0 276.0#



#61
 4-Nitroaniline
 Concen: 8.269 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.15 min
 Lab File: BF109283.D
 Acq: 25 Sep 2018 14:14

Tgt Ion:138 Resp: 22461
 Ion Ratio Lower Upper
 138 100
 92 34.4 30.2 70.2
 108 69.8 52.5 92.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. 0.03 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampled :

TP-A

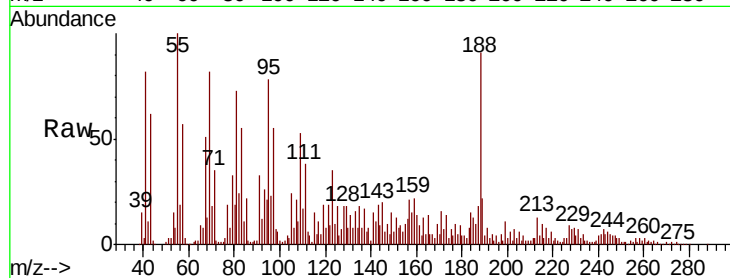
Tot Ion:188 Resp: 195791

Ion Ratio Lower Upper

188 100

94 22.7 8.5 12.7#

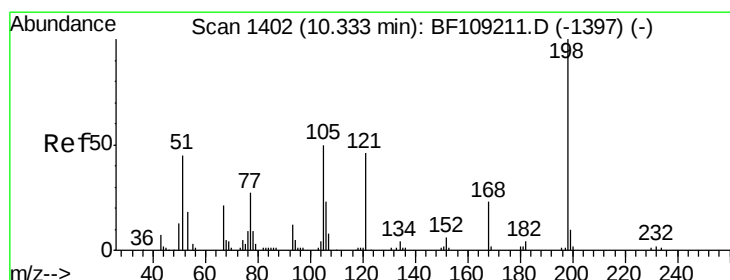
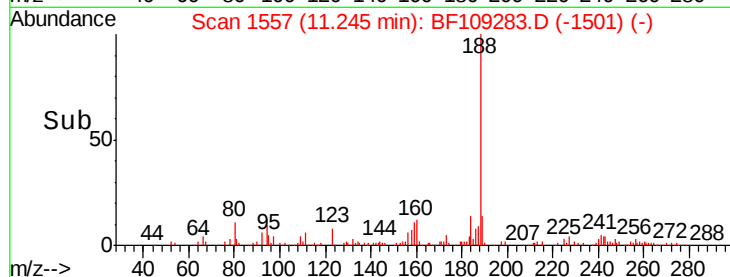
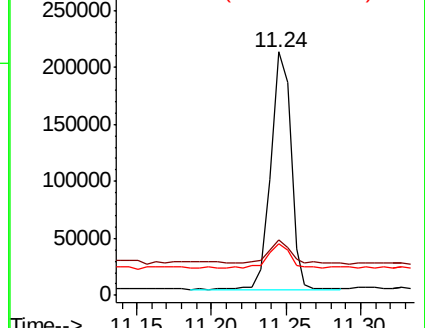
80 21.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 7.799 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

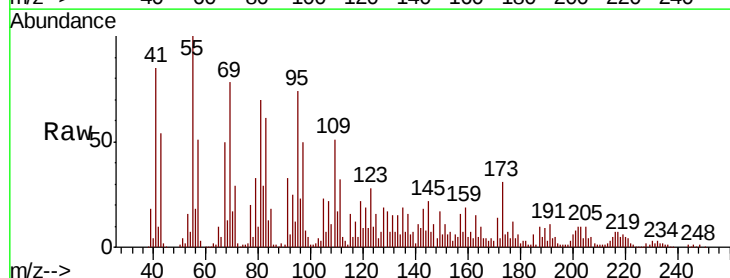
Tgt Ion:198 Resp: 1160

Ion Ratio Lower Upper

198 100

51 376.5 37.7 77.7#

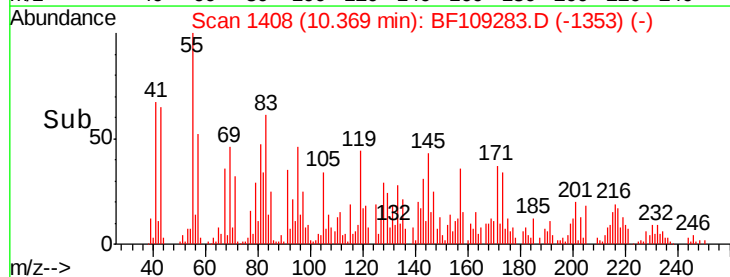
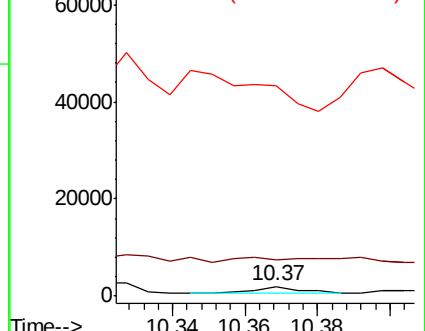
105 2183.7 36.3 76.3#

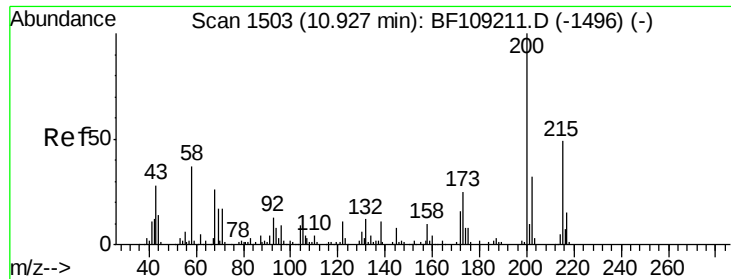


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#68

Atrazine

Concen: 2.755 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampleId :

TP-A

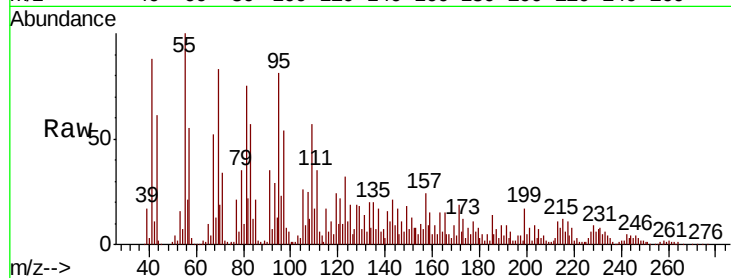
Tot Ion:200 Resp: 5481

Ion Ratio Lower Upper

200 100

173 237.9 8.6 48.6#

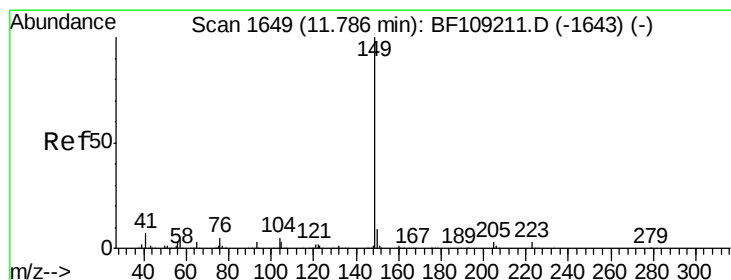
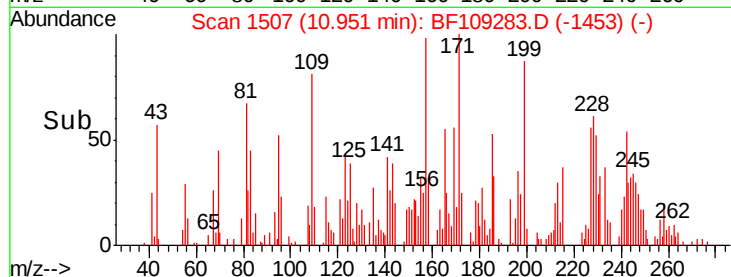
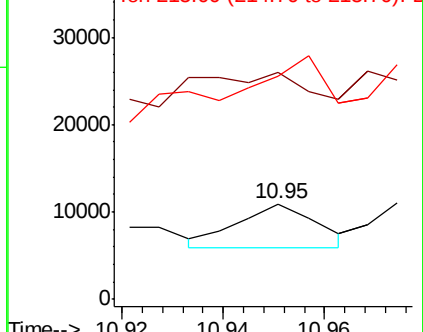
215 234.0 25.1 65.1#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#73

Di-n-butylphthalate

Concen: 3.733 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

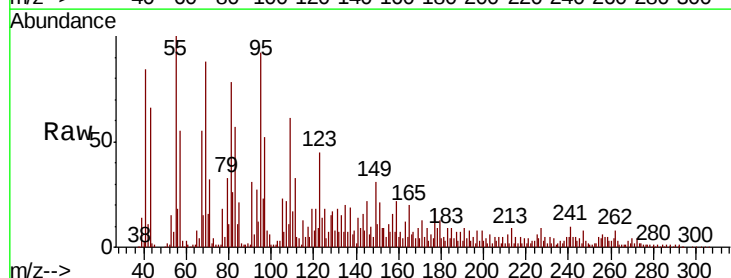
Tgt Ion:149 Resp: 42400

Ion Ratio Lower Upper

149 100

150 35.4 7.8 11.6#

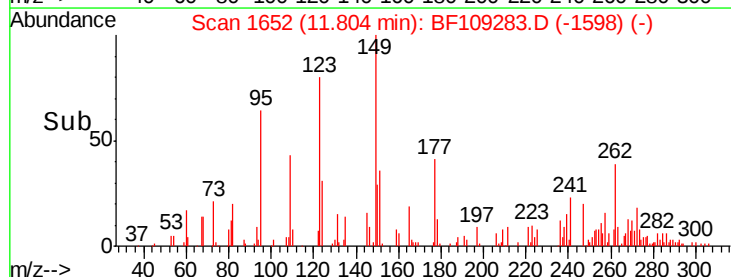
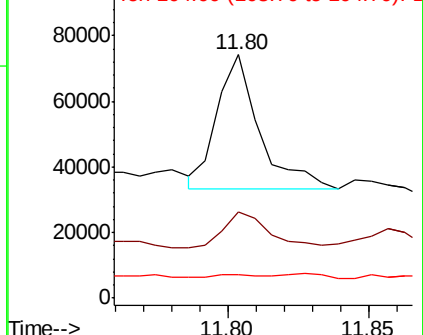
104 9.4 3.8 5.8#

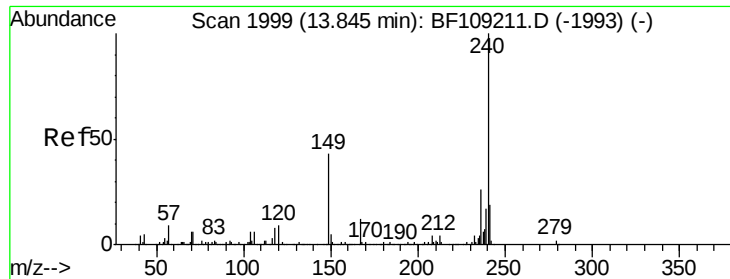


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

Instrument :

BNA_F

ClientSampleId :

TP-A

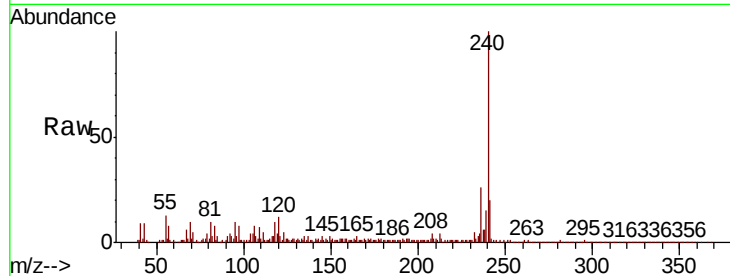
Tot Ion:240 Resp: 236314

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

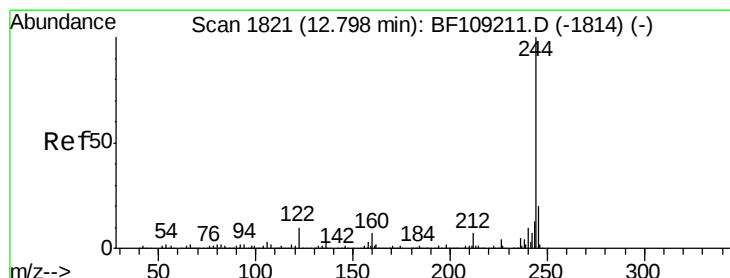
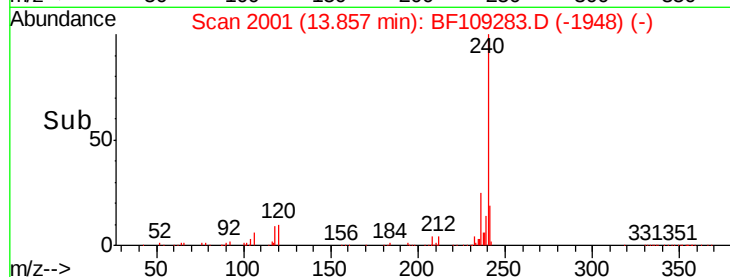
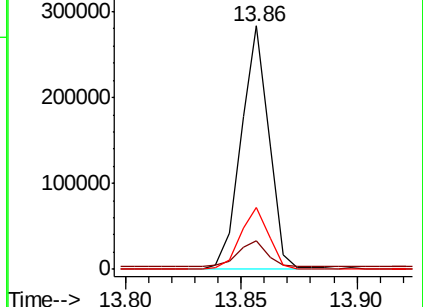
236 25.6 20.7 31.1



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: 49.079 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BF109283.D

Acq: 25 Sep 2018 14:14

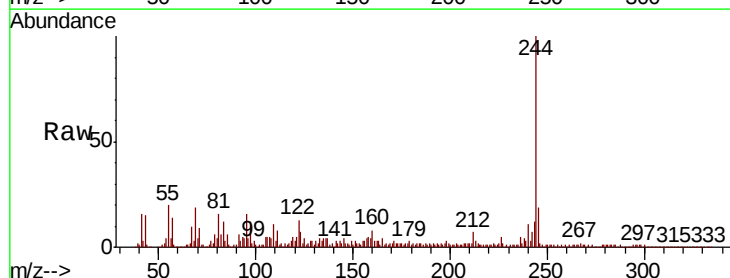
Tgt Ion:244 Resp: 472591

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

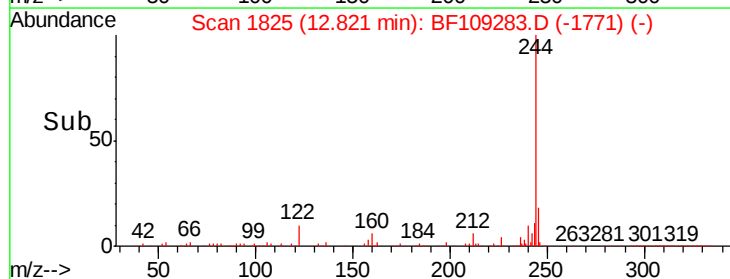
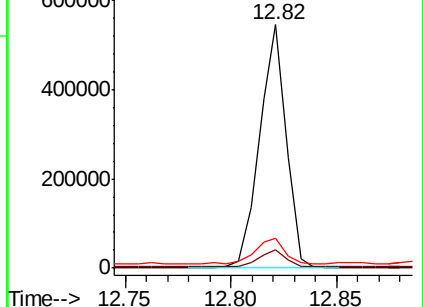
122 12.5 11.0 16.4

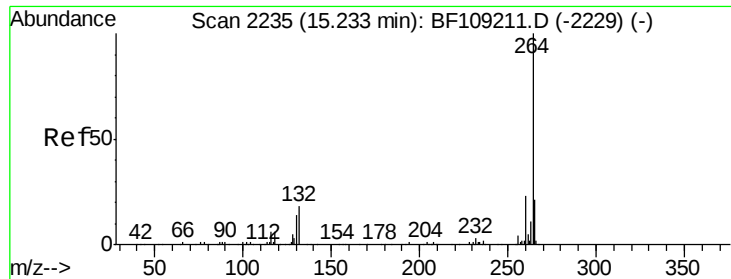


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 2239
Delta R.T. 0.02 min
Lab File: BF109283.D
Acq: 25 Sep 2018 14:14

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.4	17.5	26.3

