

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101309.D
 Acq On : 12 Dec 2017 2:56
 Operator : SJ/JU
 Sample : I6744-03 2X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 12 06:05:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

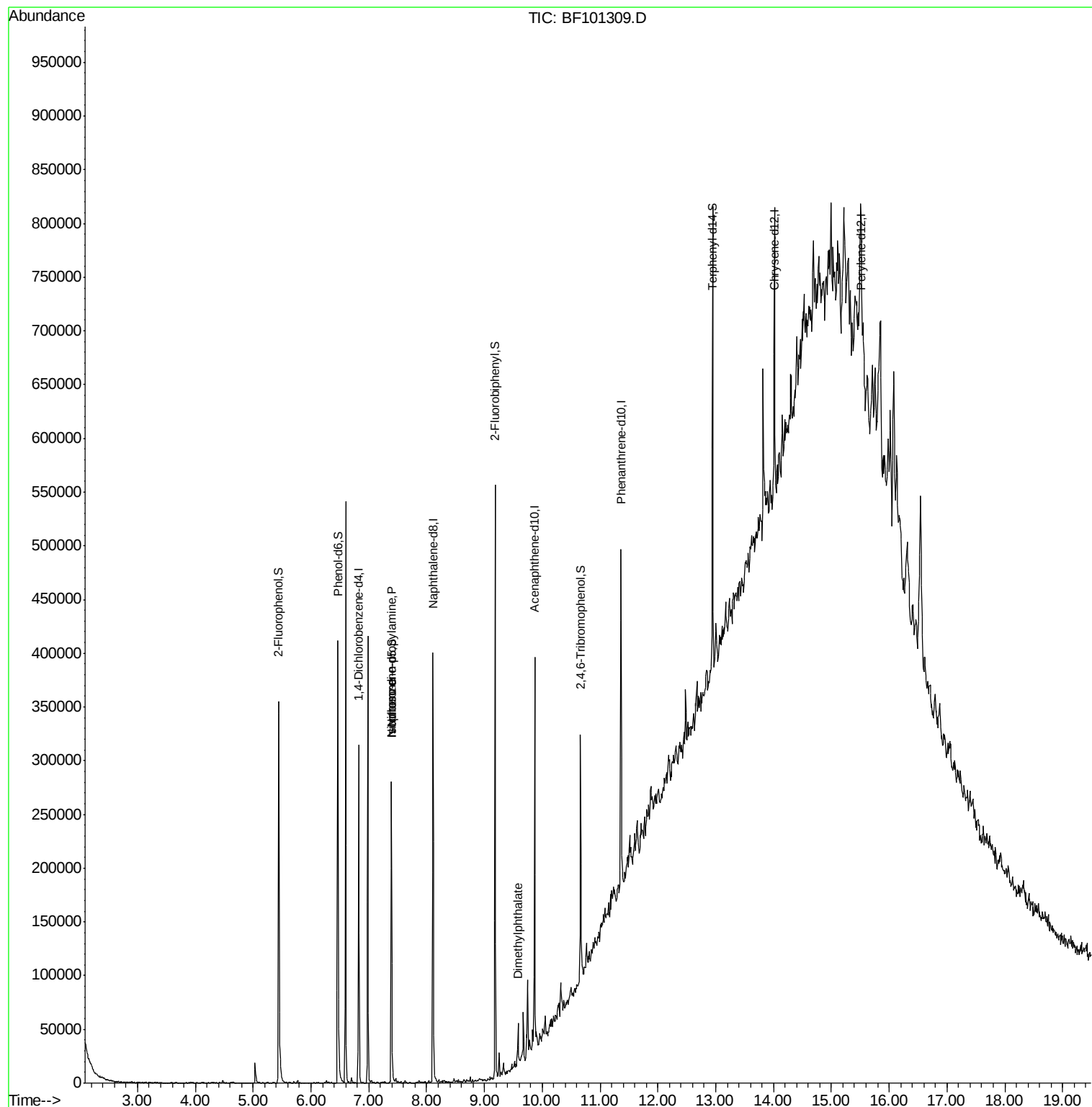
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42293	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	169516	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	71189	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	113721	20.00	ng	0.00
75) Chrysene-d12	14.02	240	93146	20.00	ng	0.01
86) Perylene-d12	15.51	264	67676	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	123395	48.21	ng	0.00
7) Phenol-d6	6.46	99	149435	48.09	ng	0.00
23) Nitrobenzene-d5	7.39	82	86224	30.34	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	28115	32.88	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	183243	35.22	ng	0.00
78) Terphenyl-d14	12.94	244	138849	32.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	10696	5.111	ng	# 83
25) Isophorone	7.39	82	86223	17.764	ng	# 64
49) Dimethylphthalate	9.58	163	16534	2.880	ng	# 96

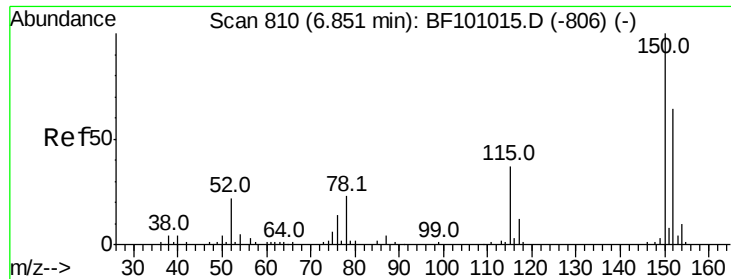
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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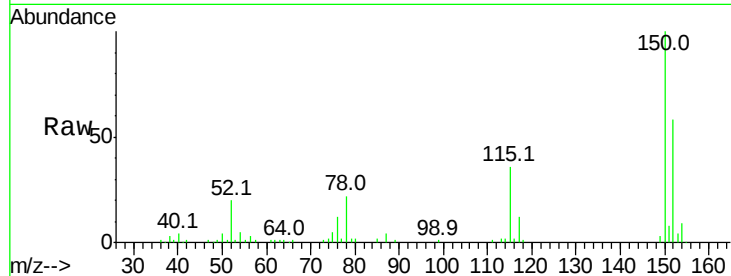


#1

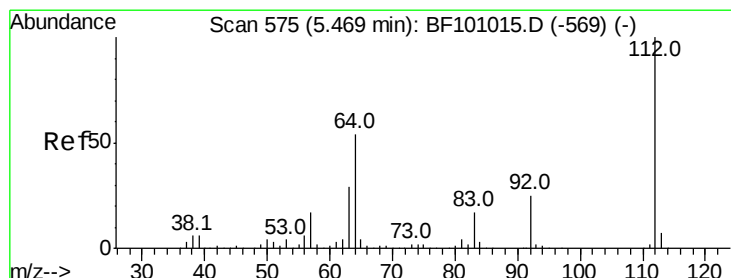
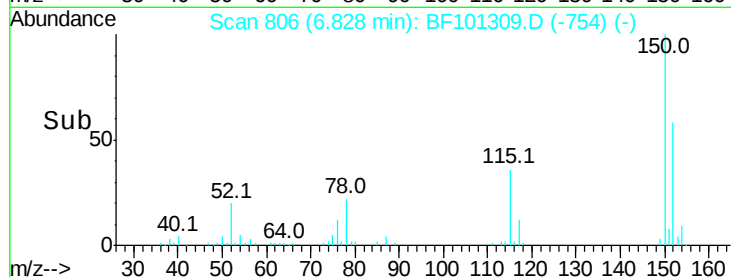
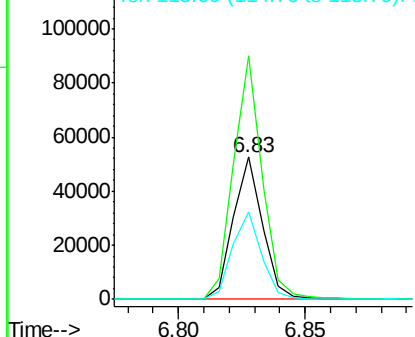
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101309.D
Acq: 12 Dec 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 42293
Ion Ratio Lower Upper
152 100
150 171.0 124.6 186.8
115 61.7 50.1 75.1



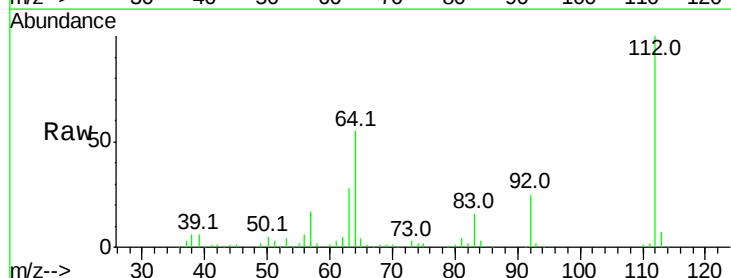
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



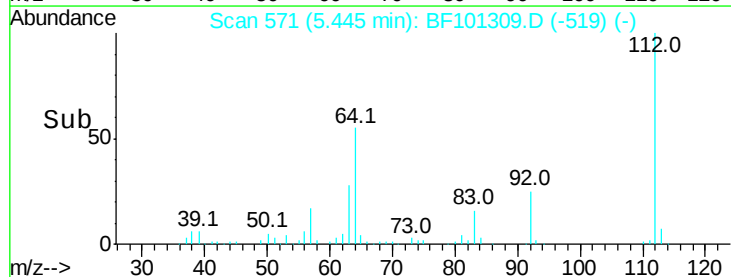
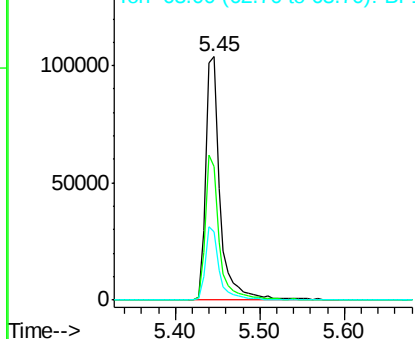
#5

2-Fluorophenol
Concen: 48.212 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101309.D
Acq: 12 Dec 2017 2:56

Tgt Ion:112 Resp: 123395
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 28.2 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: 48.090 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Instrument :

BNA_F

ClientSampled :

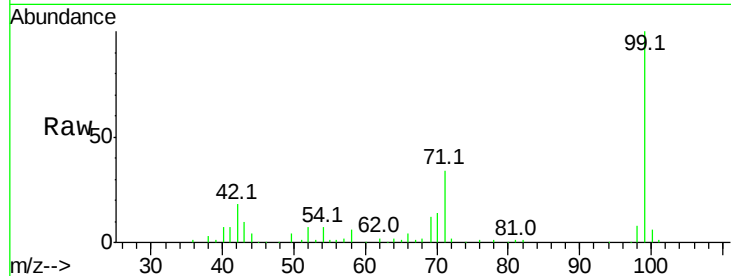
Tot Ion: 99 Resp: 149435

Ion Ratio Lower Upper

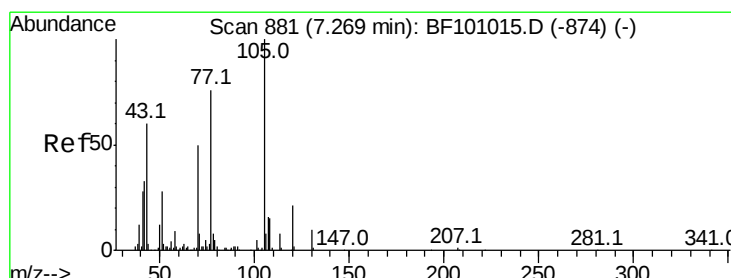
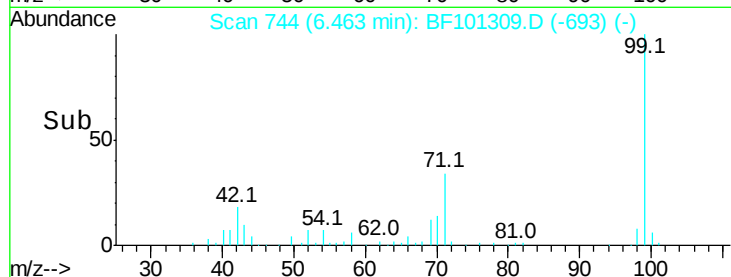
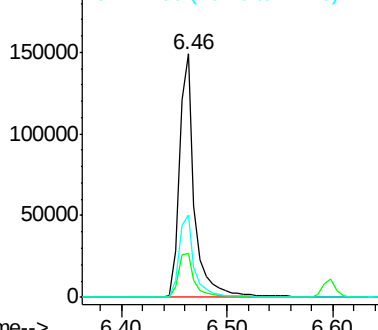
99 100

42 18.2 14.5 21.7

71 33.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 5.111 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.15 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Tgt Ion: 70 Resp: 10696

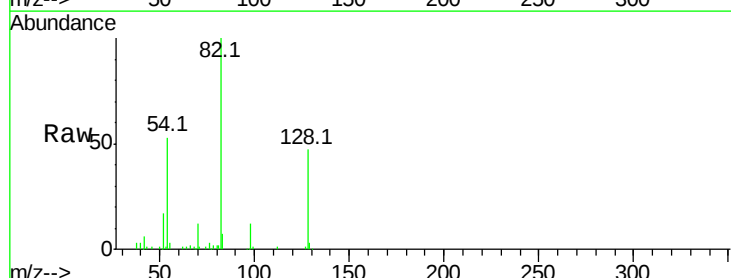
Ion Ratio Lower Upper

70 100

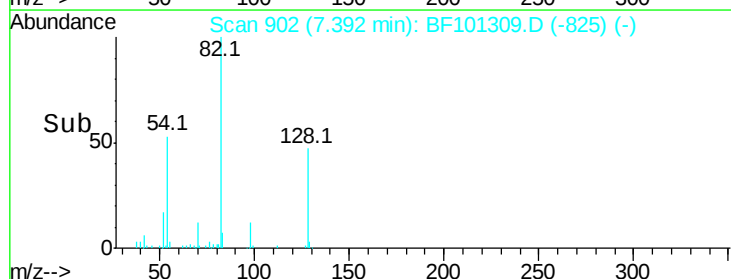
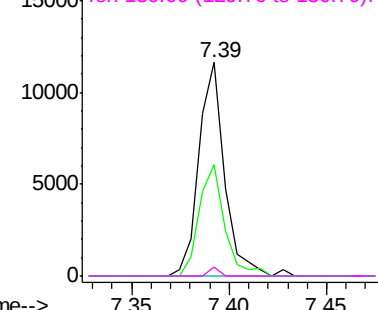
42 52.2 47.5 71.3

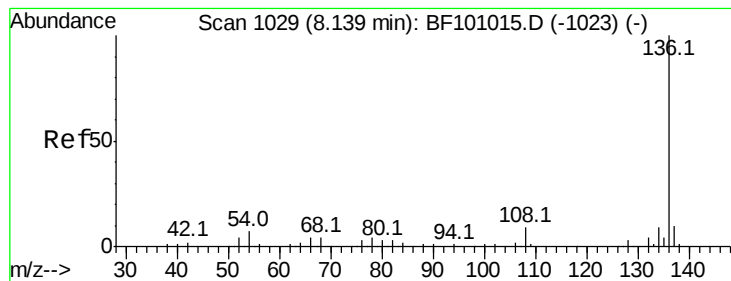
101 0.0 7.4 11.2#

130 3.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 169516

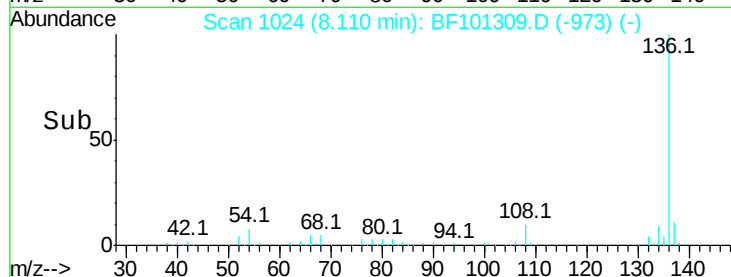
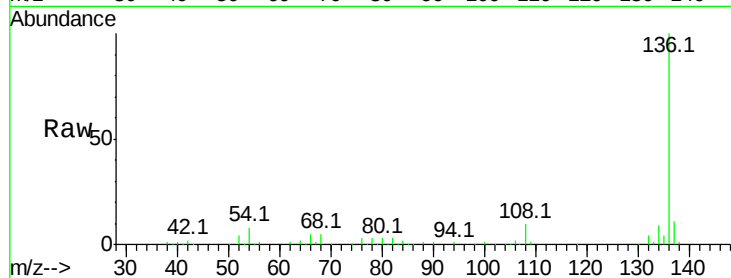
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 6.6 9.8

68 4.5 5.0 7.4#

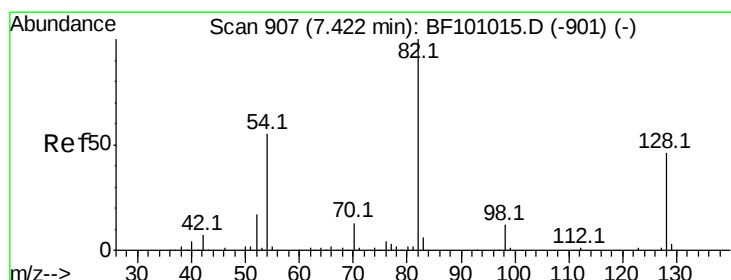
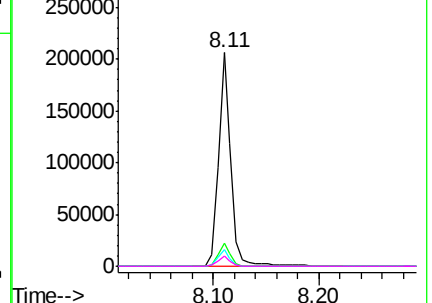


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.342 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

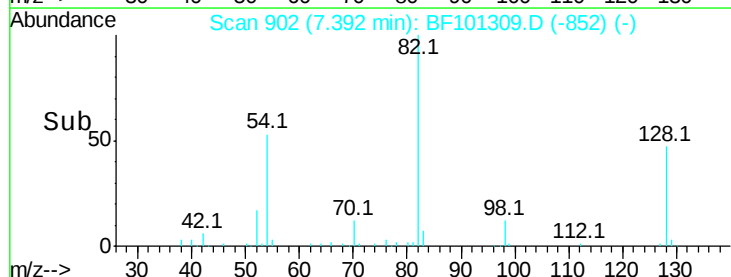
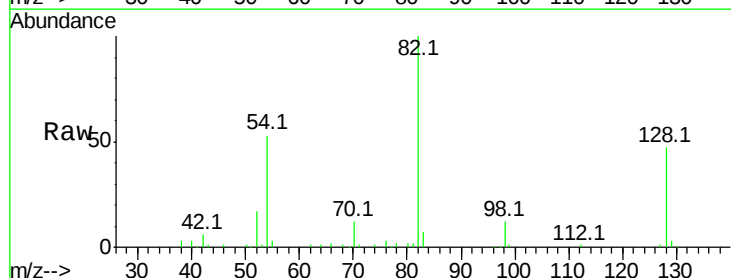
Tgt Ion: 82 Resp: 86224

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

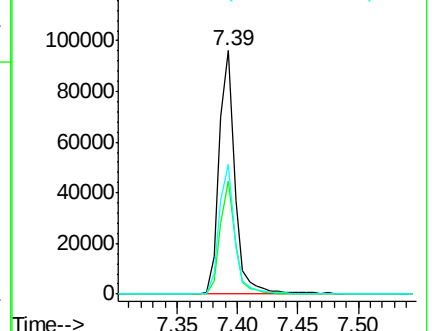
54 53.3 41.4 62.2

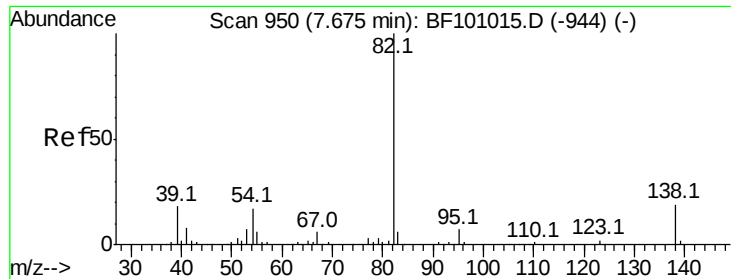


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 17.764 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Instrument :

BNA_F

ClientSampleId :

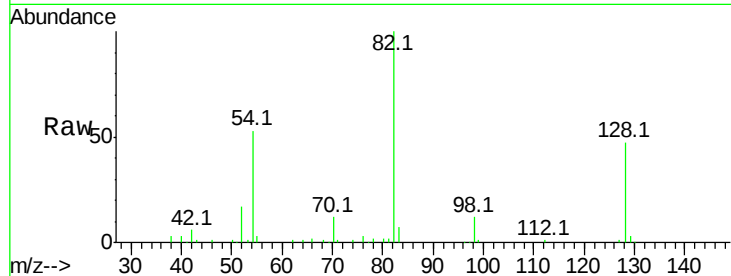
Tot Ion: 82 Resp: 86223

Ion Ratio Lower Upper

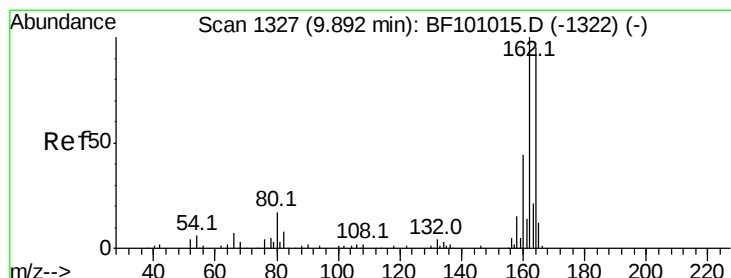
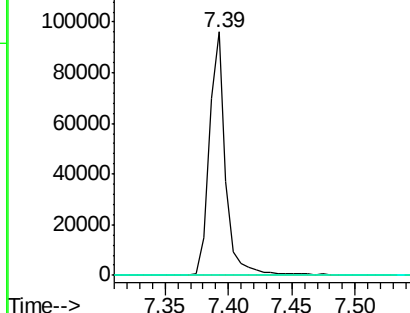
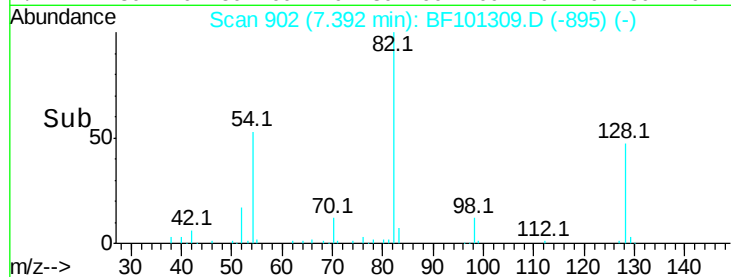
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

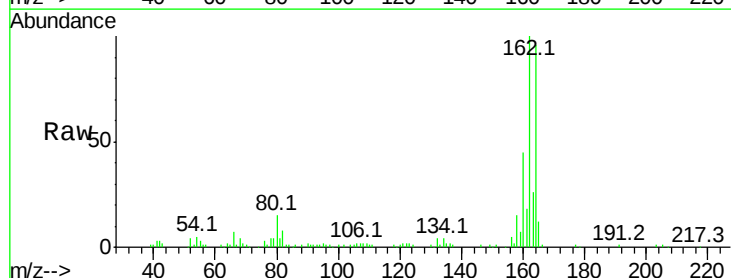
Tgt Ion:164 Resp: 71189

Ion Ratio Lower Upper

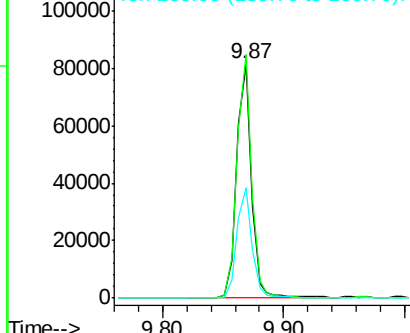
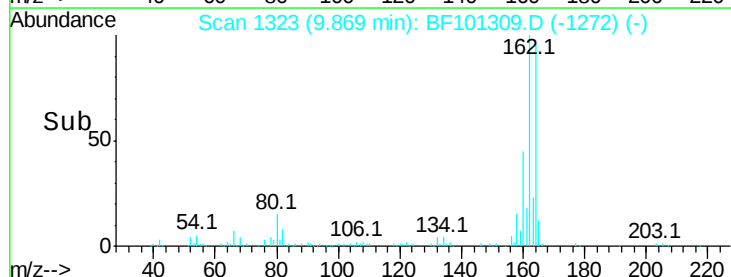
164 100

162 104.0 86.1 129.1

160 47.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

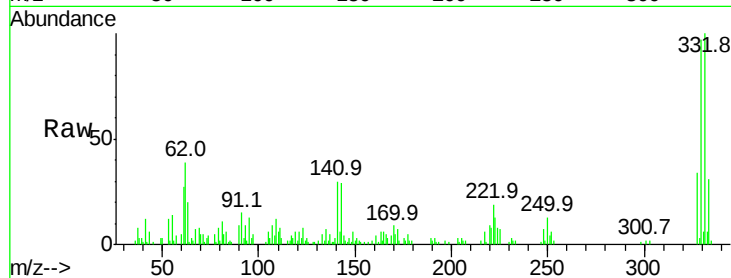




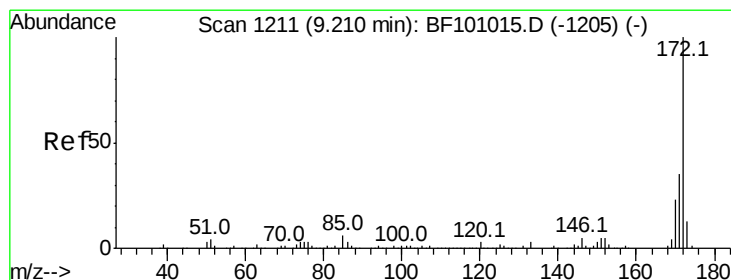
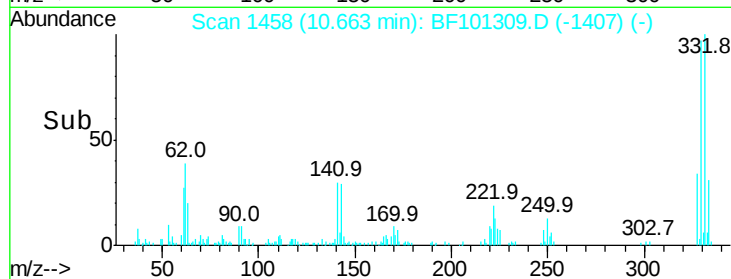
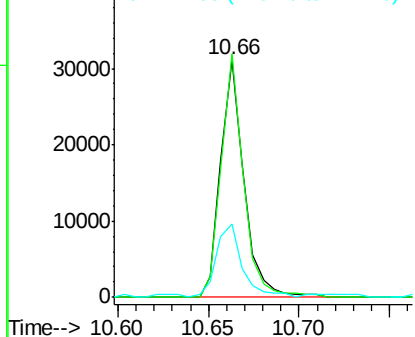
#41
 2,4,6-Tribromophenol
 Concen: 32.876 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101309.D
 Acq: 12 Dec 2017 2:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	34.1	29.9	44.9

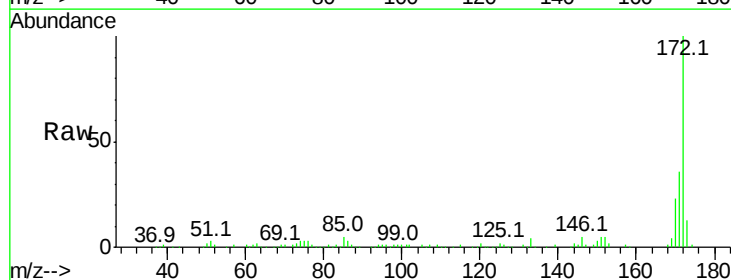


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

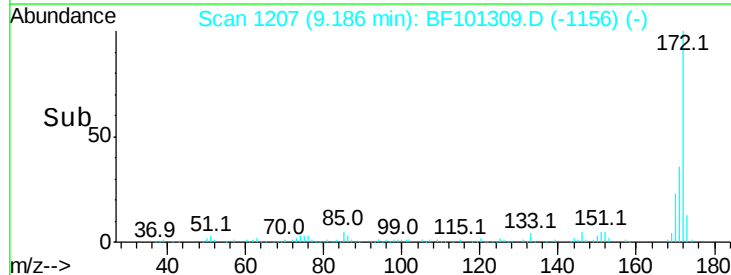
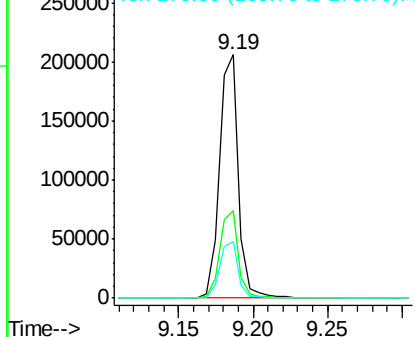


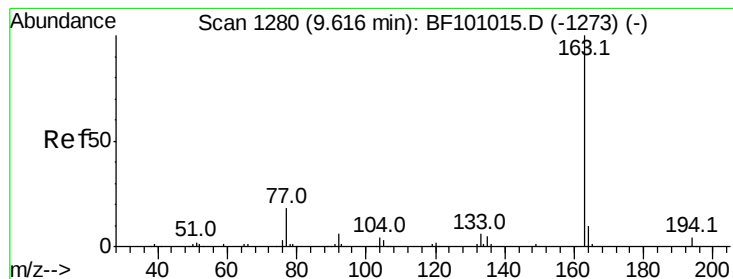
#44
 2-Fluorobiphenyl
 Concen: 35.218 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF101309.D
 Acq: 12 Dec 2017 2:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.3	19.6	29.4



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: 2.880 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Instrument :

BNA_F

ClientSampleId :

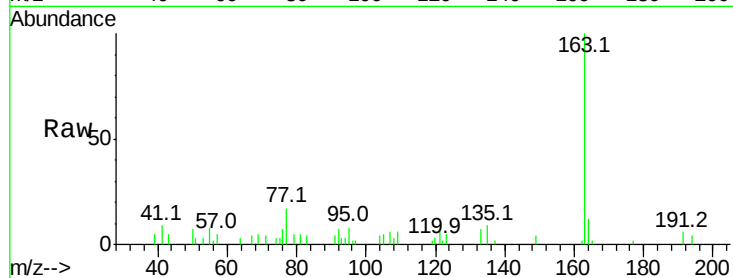
Tot Ion:163 Resp: 16534

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

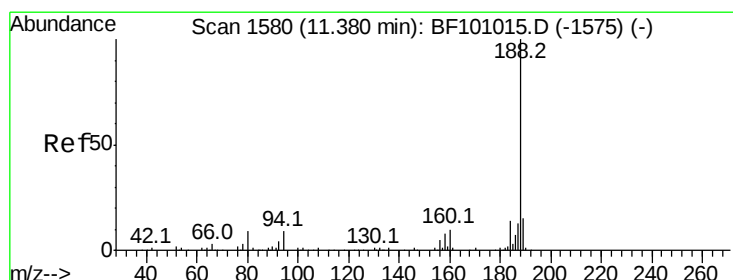
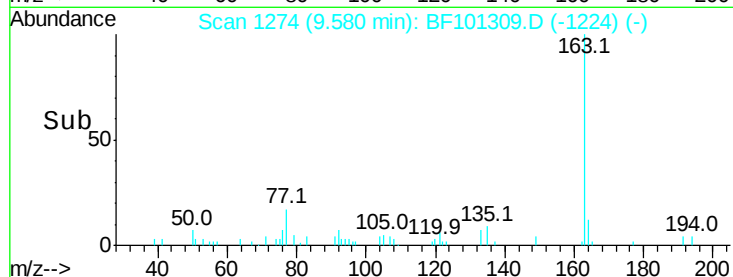
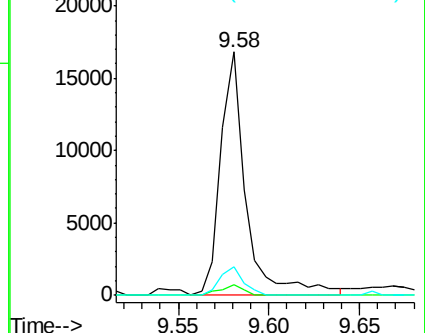
164 11.9 8.2 12.2



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: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

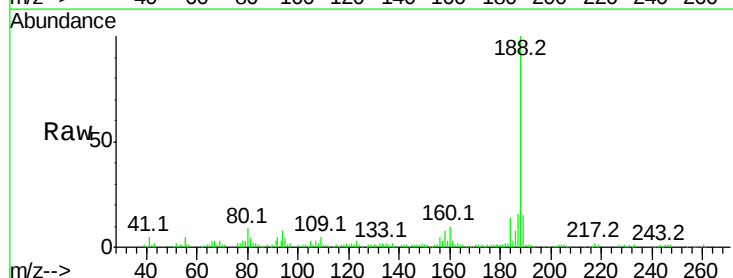
Tgt Ion:188 Resp: 113721

Ion Ratio Lower Upper

188 100

94 8.3 8.5 12.7#

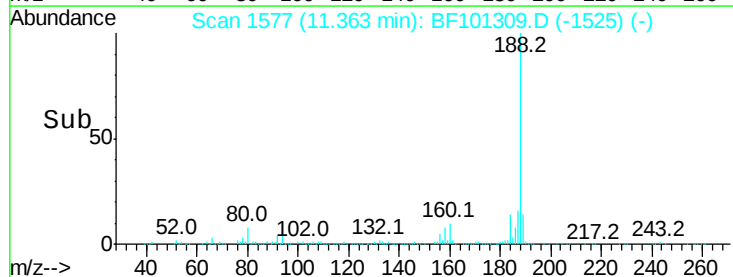
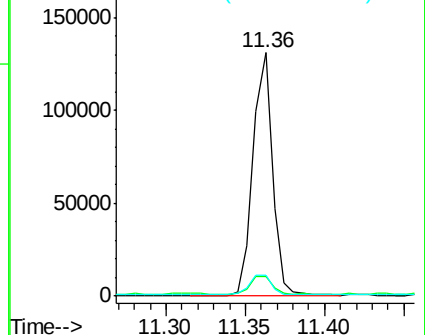
80 8.5 9.2 13.8#

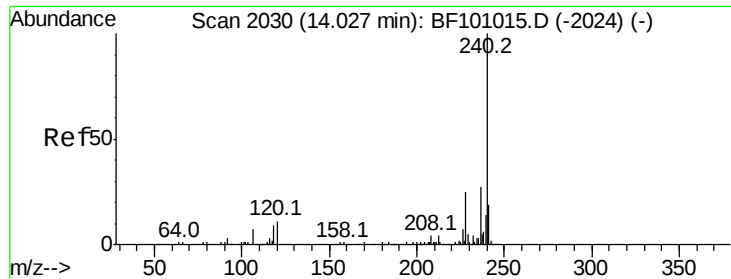


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

Instrument :

BNA_F

ClientSampleId :

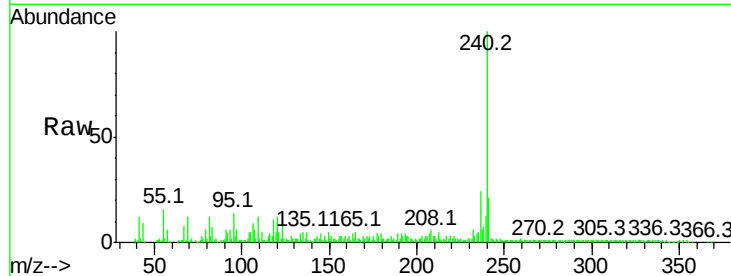
Tot Ion:240 Resp: 93146

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

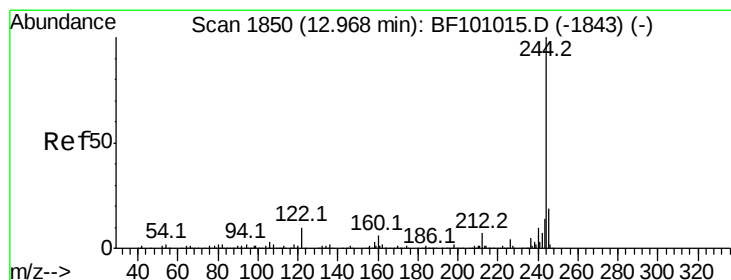
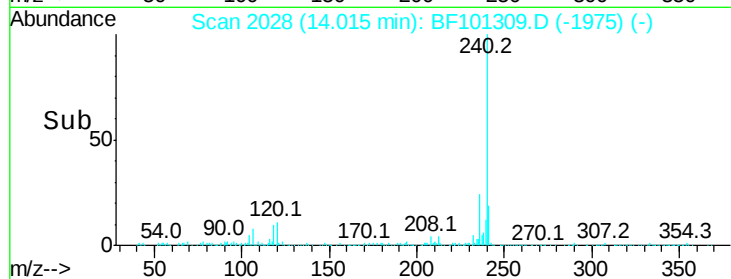
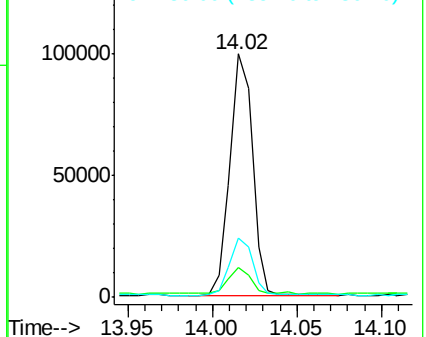
236 24.5 20.7 31.1



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: 32.605 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101309.D

Acq: 12 Dec 2017 2:56

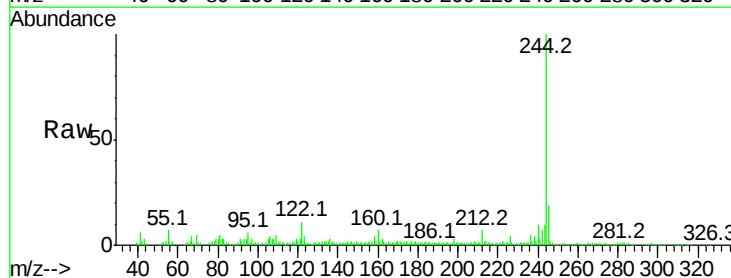
Tgt Ion:244 Resp: 138849

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

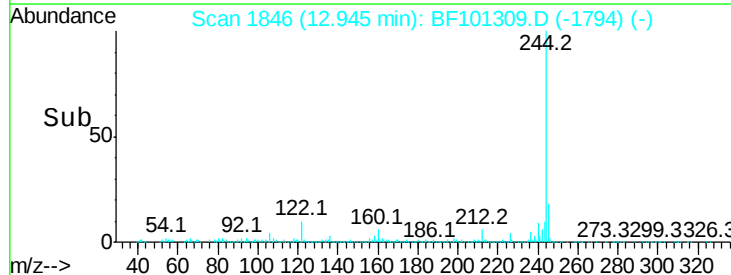
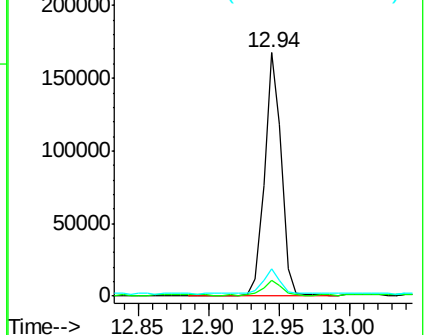
122 11.0 11.0 16.4

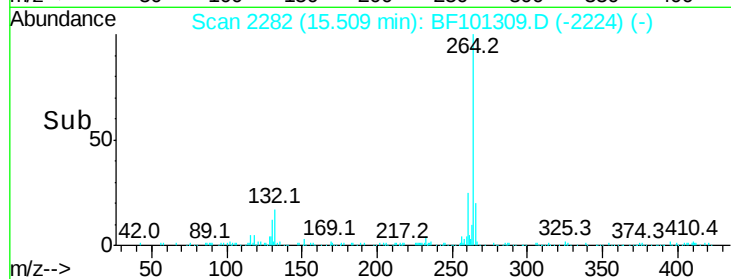
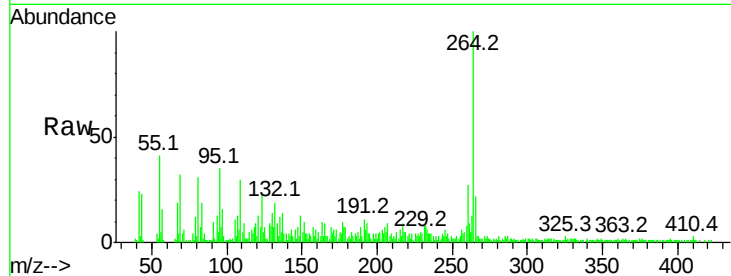
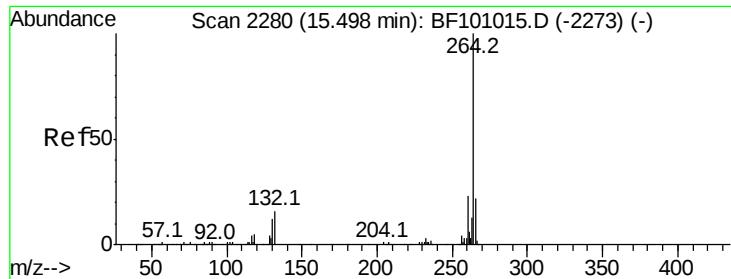


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 2282
Delta R.T. 0.04 min
Lab File: BF101309.D
Acq: 12 Dec 2017 2:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.9	19.2	28.8
265	22.2	17.5	26.3

