

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098291.D
 Acq On : 6 Sep 2017 23:54
 Operator : SJ/JU
 Sample : I5075-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Quant Time: Sep 07 06:55:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

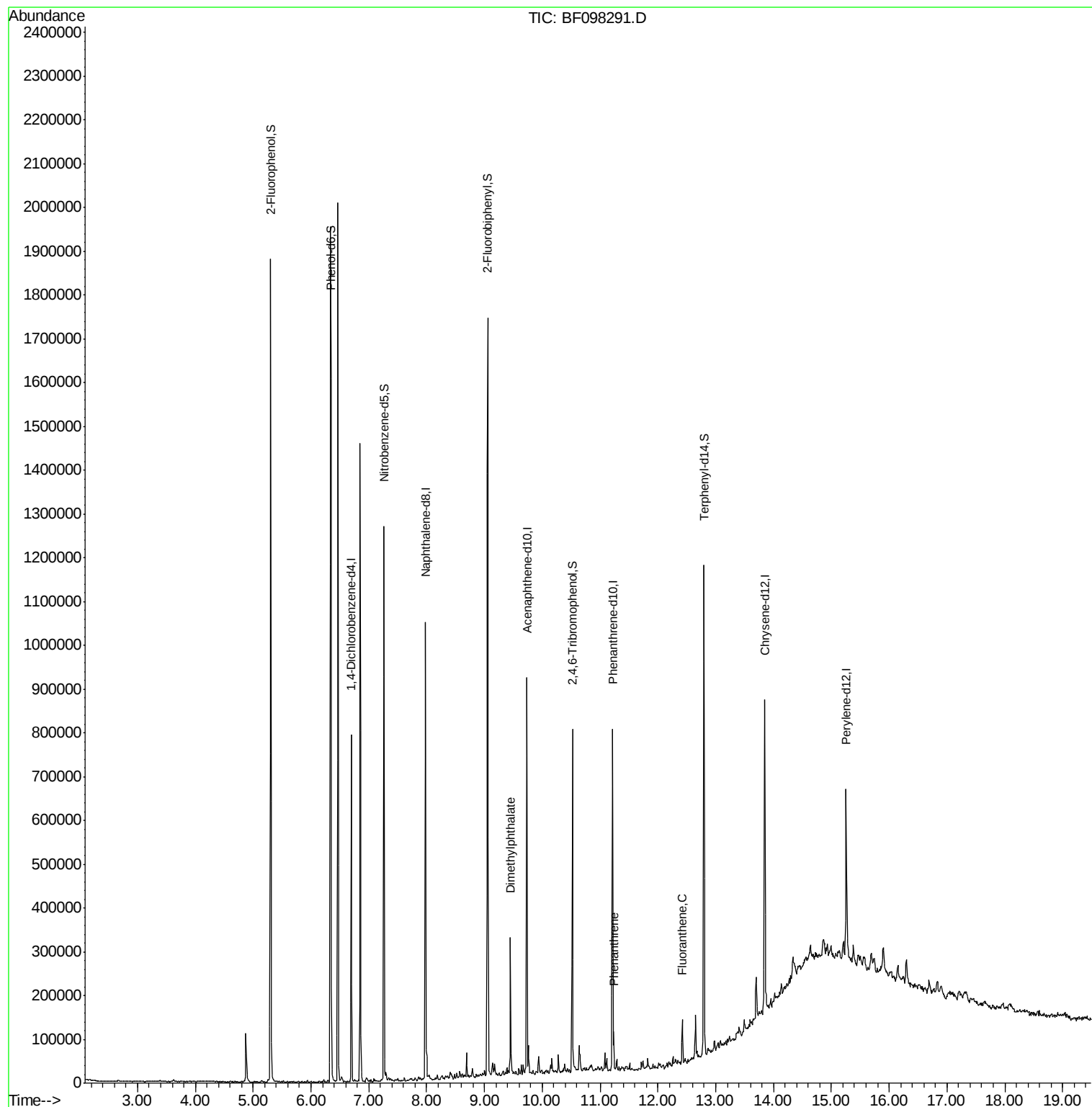
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112780	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	423755	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	163013	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	263949	20.00	ng	0.00
75) Chrysene-d12	13.85	240	245866	20.00	ng	-0.01
86) Perylene-d12	15.26	264	171950	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	548875	74.03	ng	0.00
7) Phenol-d6	6.34	99	742199	73.67	ng	-0.01
23) Nitrobenzene-d5	7.26	82	426298	54.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	86153	60.91	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	506408	45.64	ng	-0.01
78) Terphenyl-d14	12.80	244	313471	26.59	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.45	163	107601	9.030	ng	99
70) Phenanthrene	11.24	178	30120	2.141	ng	98
74) Fluoranthene	12.42	202	34545	2.353	ng	97

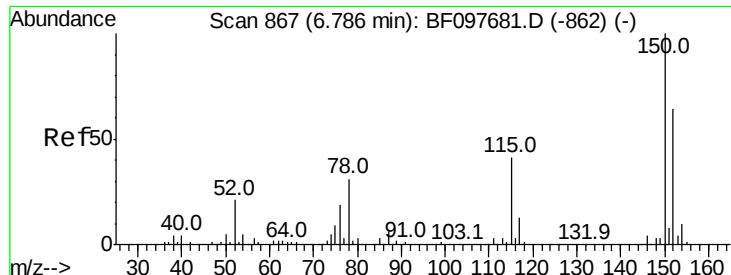
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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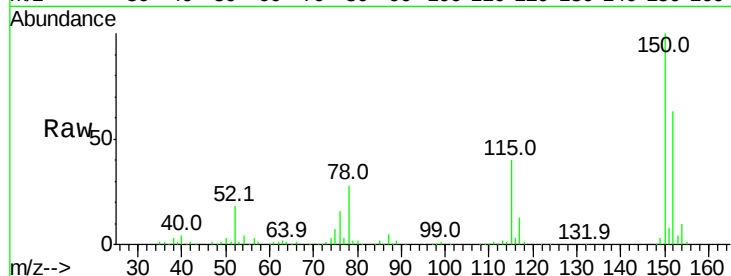


#1

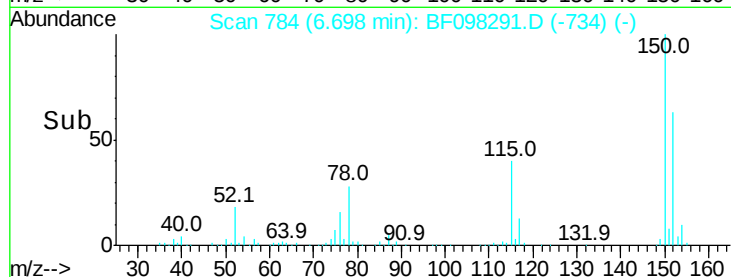
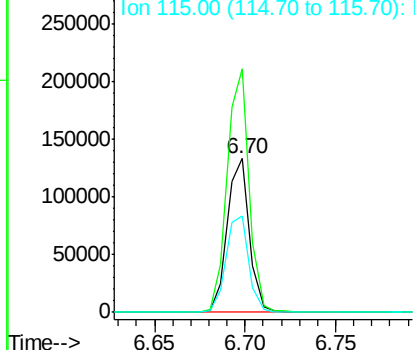
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion:152 Resp: 112780
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 62.8 52.2 78.2



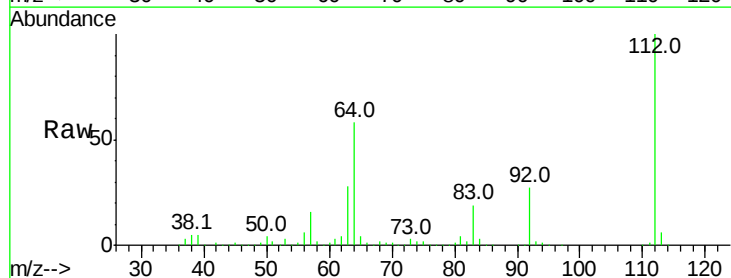
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



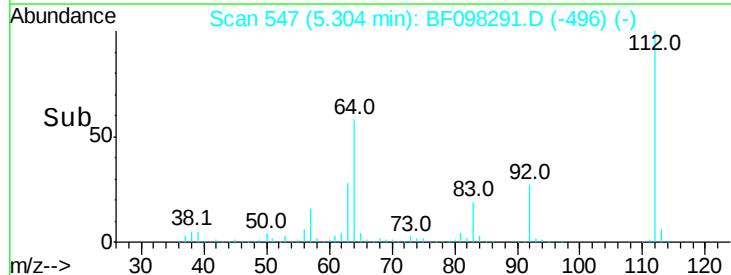
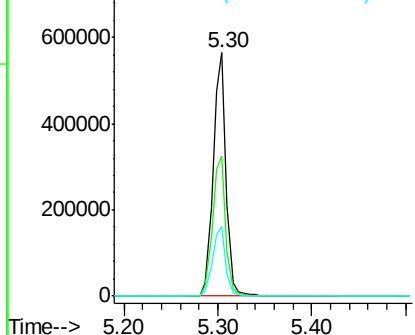
#5

2-Fluorophenol
 Concen: 74.027 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion:112 Resp: 548875
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.0 69.0
 63 28.4 23.4 35.0



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: 73.673 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampled :

72-12020

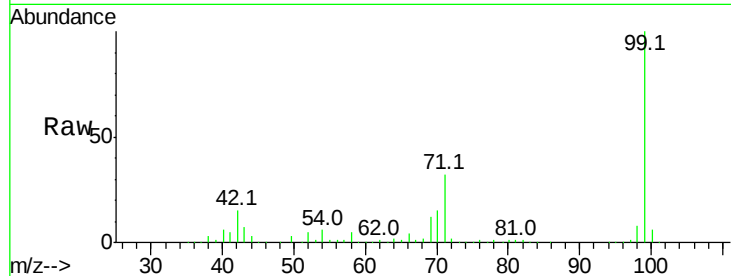
Tot Ion: 99 Resp: 742199

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

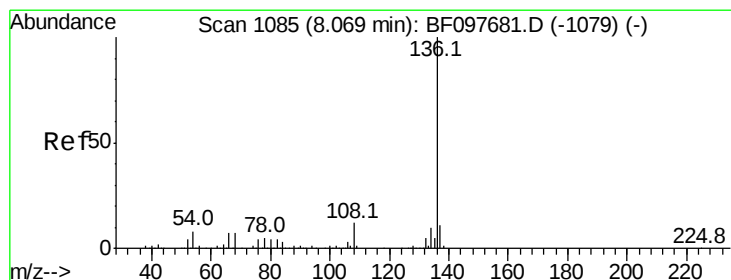
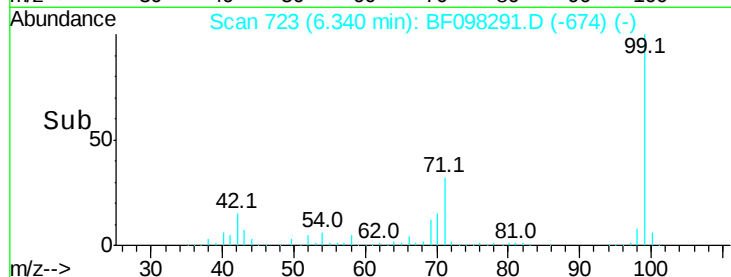
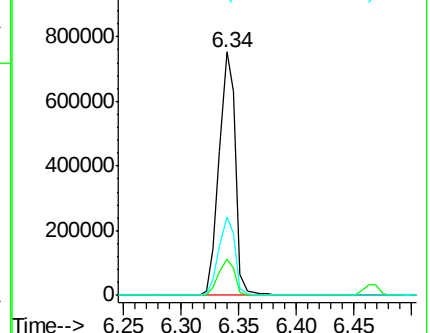
71 32.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Tgt Ion: 136 Resp: 423755

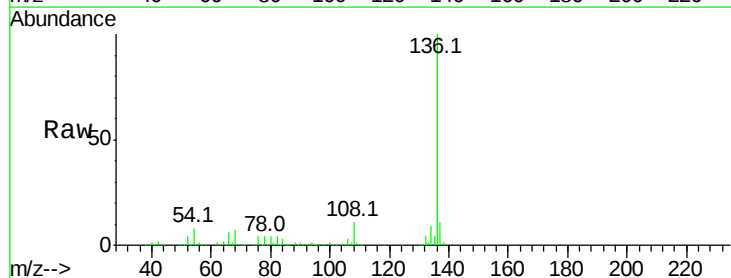
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.2 4.1 6.1#

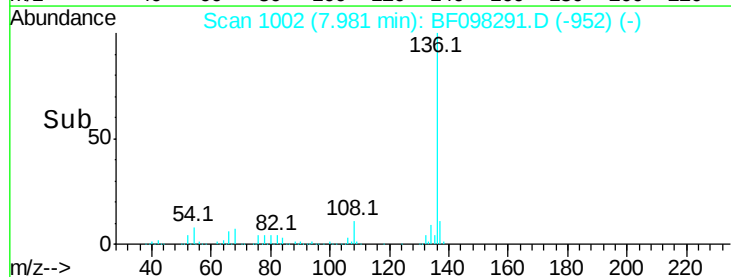
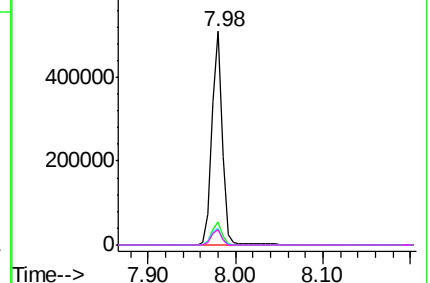


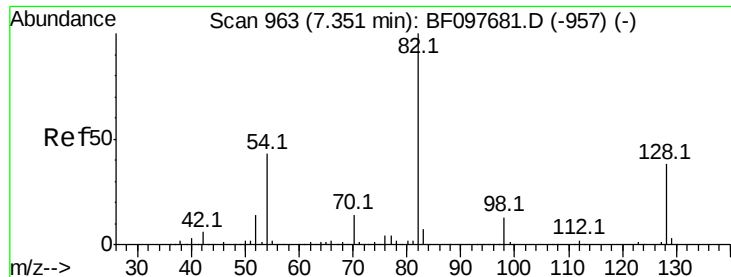
Abundance Ion 136.00 (135.70 to 136.70): E

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

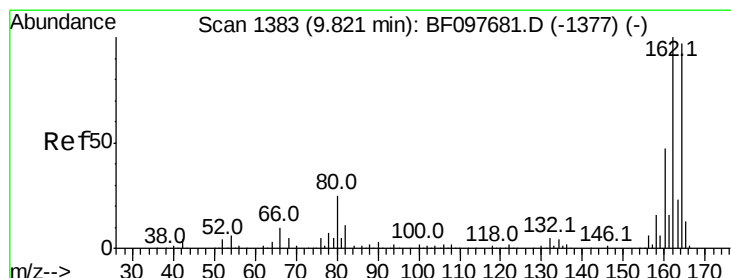
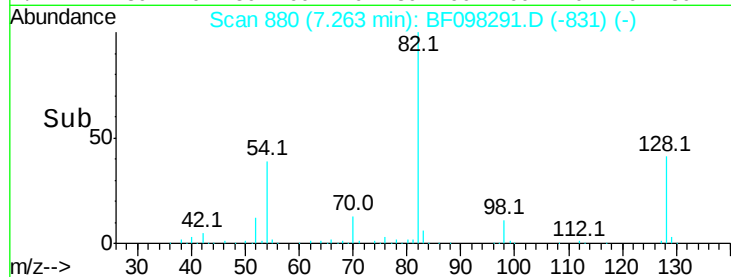
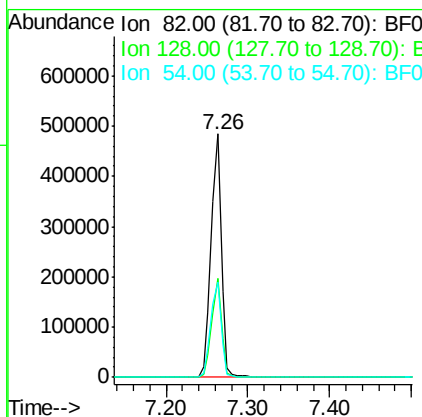
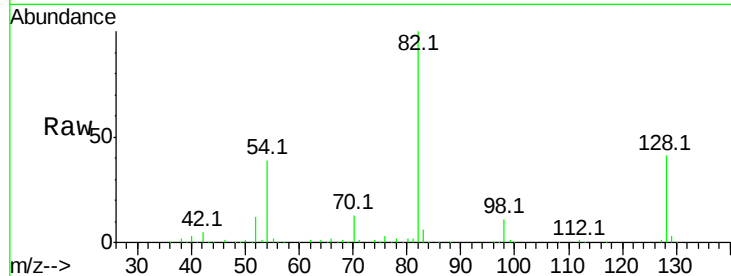




#23
 Nitrobenzene-d5
 Concen: 54.651 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

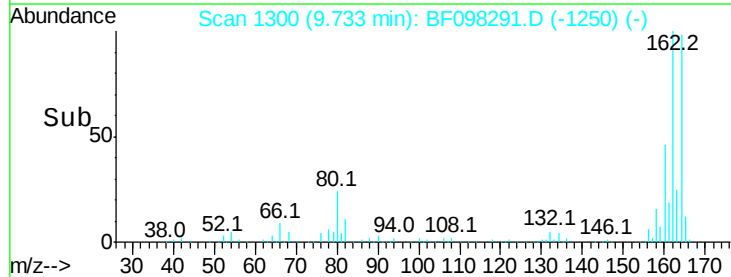
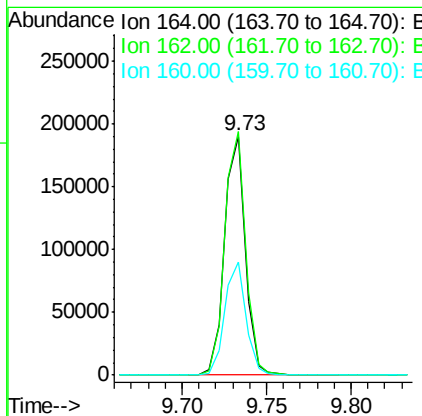
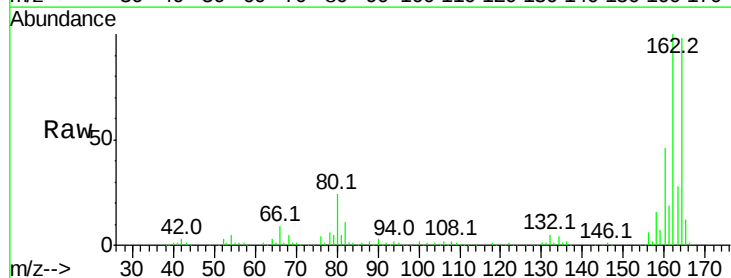
Instrument :
 BNA_F
 ClientSampleId :
 72-12020

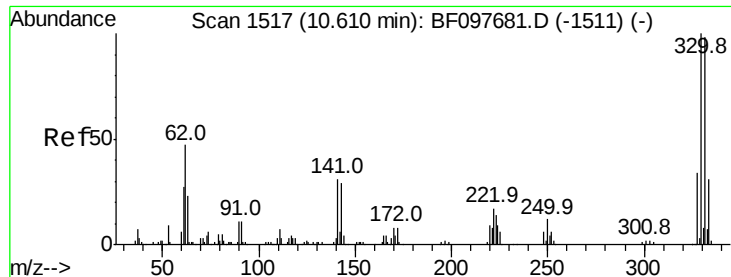
Tot Ion: 82 Resp: 426298
 Ion Ratio Lower Upper
 82 100
 128 40.6 34.0 51.0
 54 39.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion:164 Resp: 163013
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 47.4 36.2 54.2

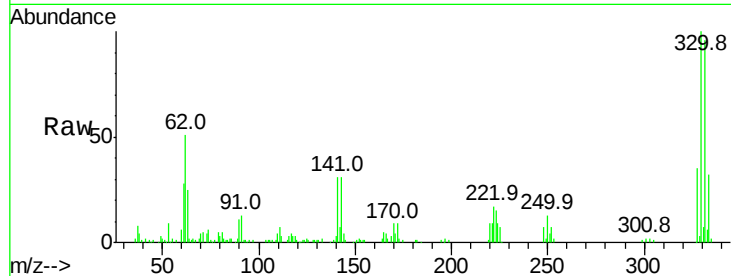




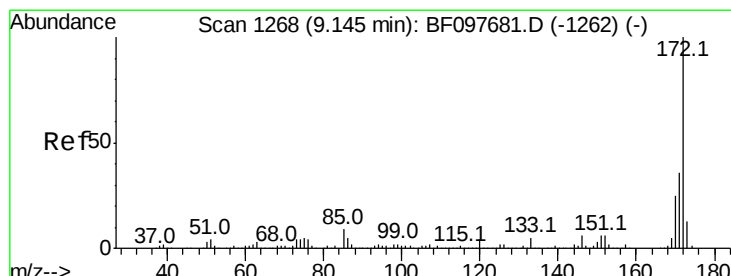
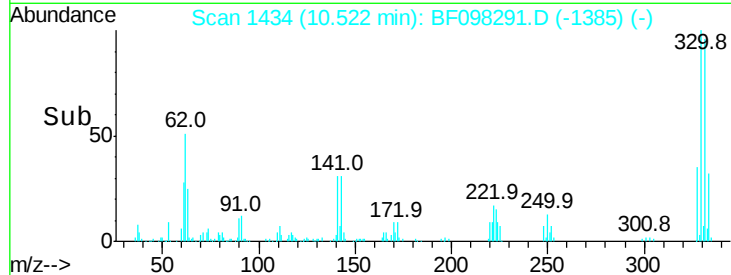
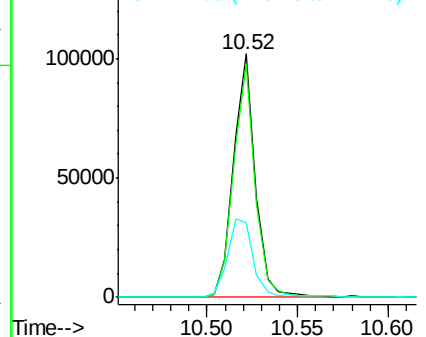
#41
 2,4,6-Tribromophenol
 Concen: 60.911 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Instrument :
 BNA_F
 ClientSampleId :
 72-12020

Tot Ion:330 Resp: 86153
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.8 31.4 47.2

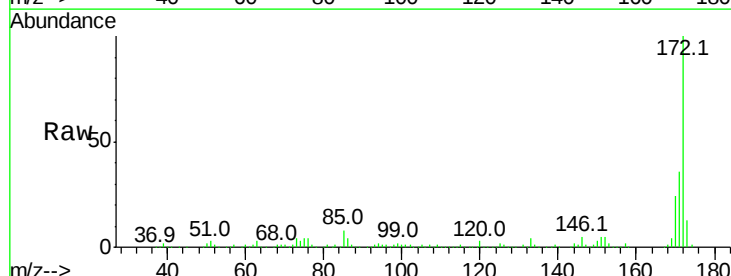


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

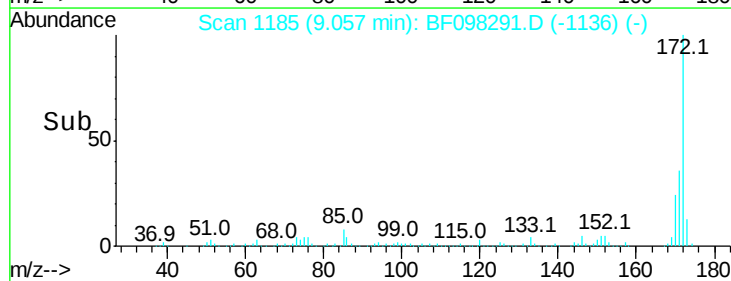
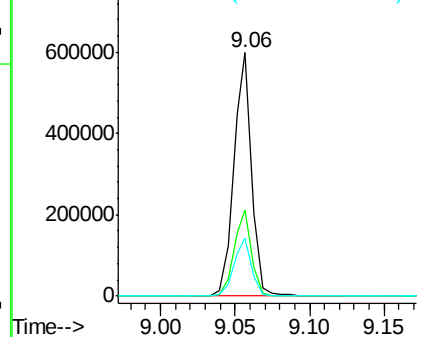


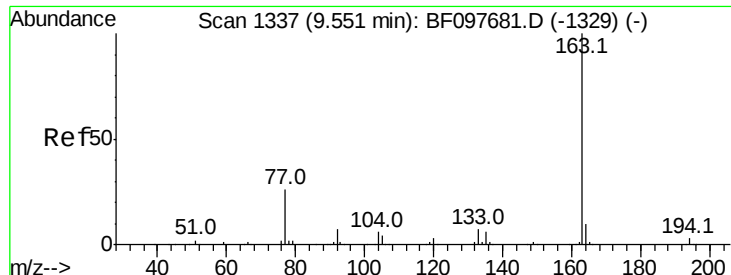
#44
 2-Fluorobiphenyl
 Concen: 45.642 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098291.D
 Acq: 6 Sep 2017 23:54

Tgt Ion:172 Resp: 506408
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 24.0 19.8 29.8



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

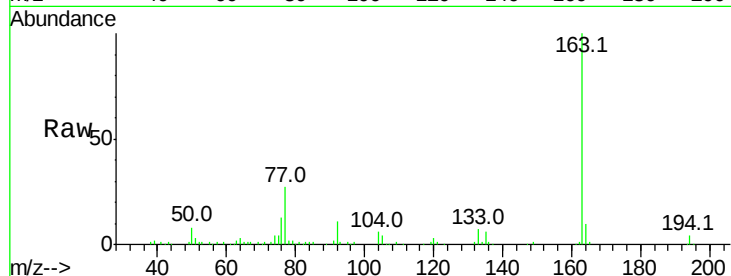




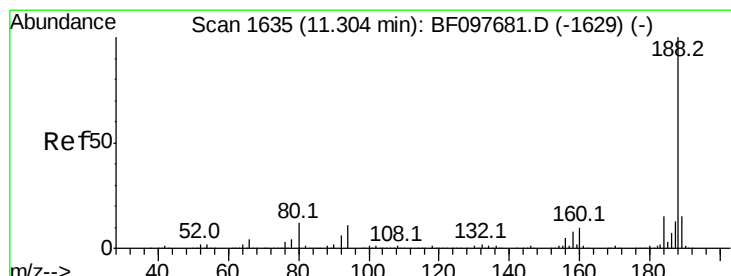
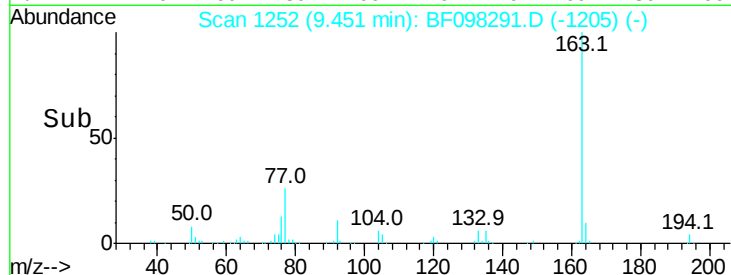
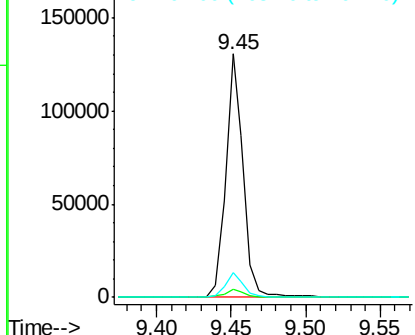
#49
Dimethylphthalate
Concen: 9.030 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Instrument :
BNA_F
ClientSampleId :
72-12020

Tot Ion:163 Resp: 107601
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

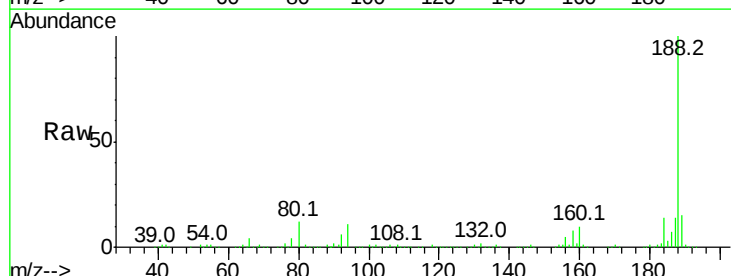


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

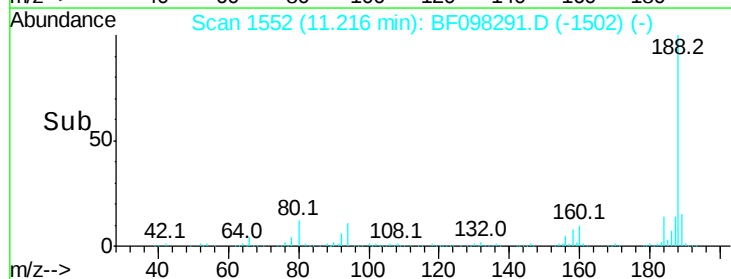
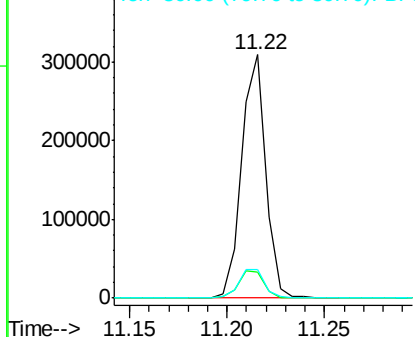


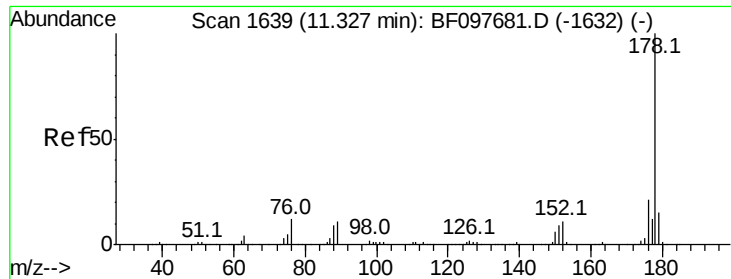
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion:188 Resp: 263949
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.9 10.2 15.2



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

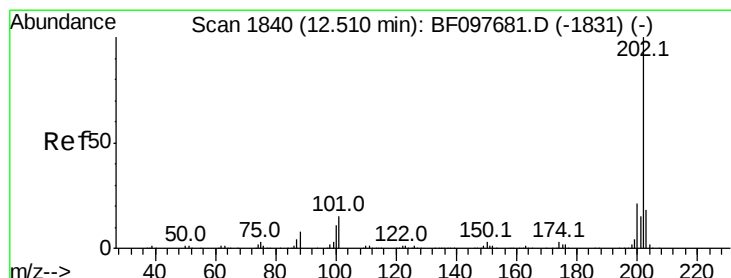
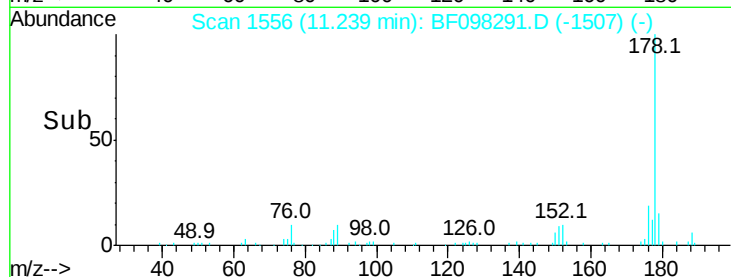
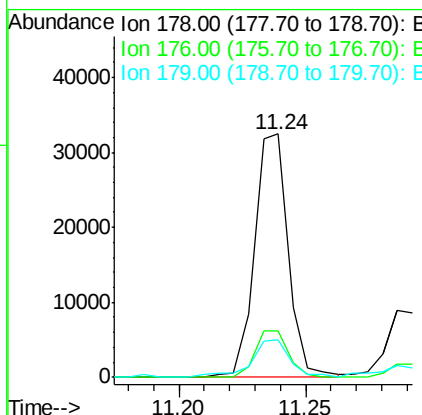
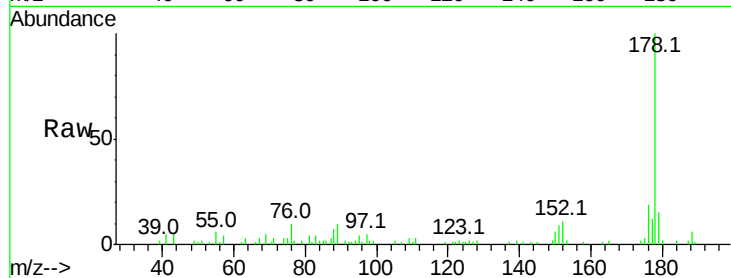




#70
Phenanthrene
Concen: 2.141 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

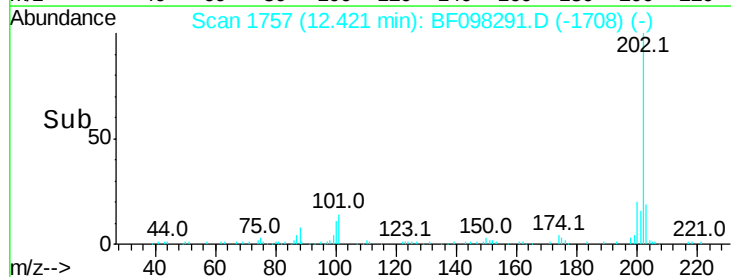
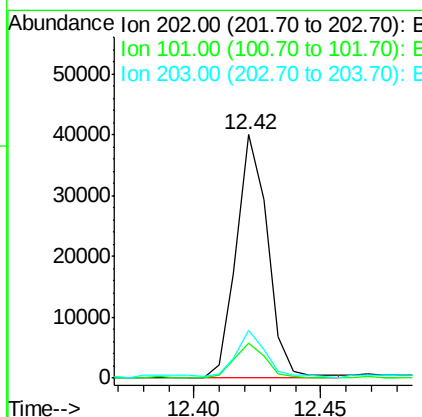
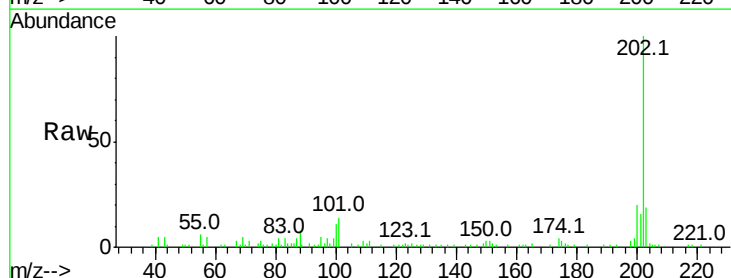
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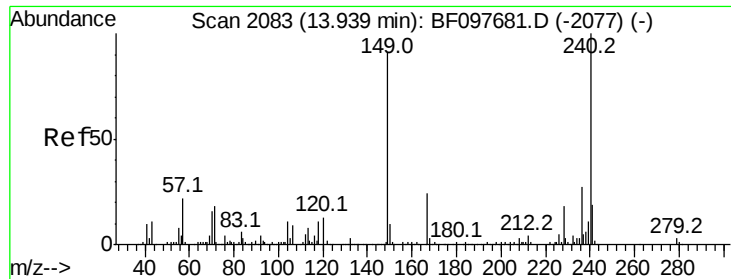
Tot Ion:178 Resp: 30120
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 15.2 12.6 19.0



#74
Fluoranthene
Concen: 2.353 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF098291.D
Acq: 6 Sep 2017 23:54

Tgt Ion:202 Resp: 34545
Ion Ratio Lower Upper
202 100
101 14.3 0.0 33.2
203 19.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

72-12020

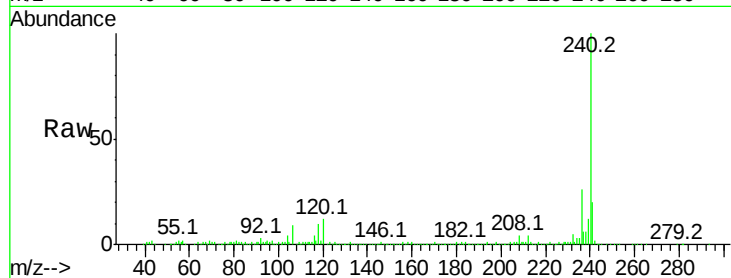
Tot Ion:240 Resp: 245866

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

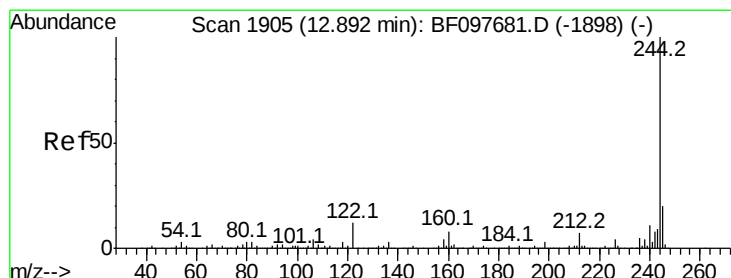
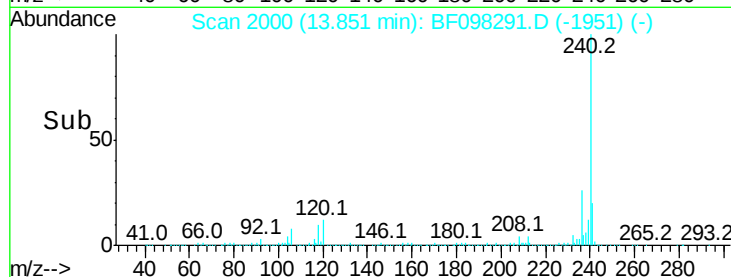
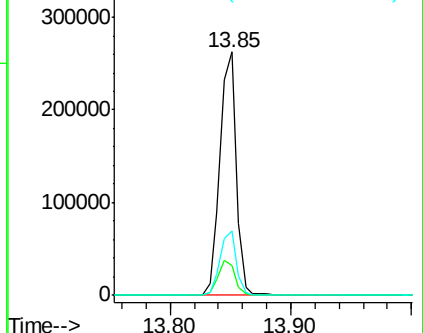
236 26.2 20.5 30.7



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: 26.587 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

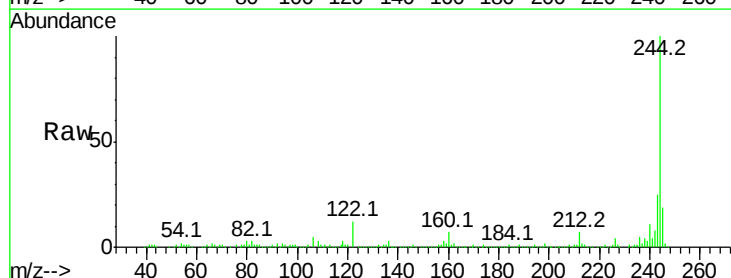
Tgt Ion:244 Resp: 313471

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

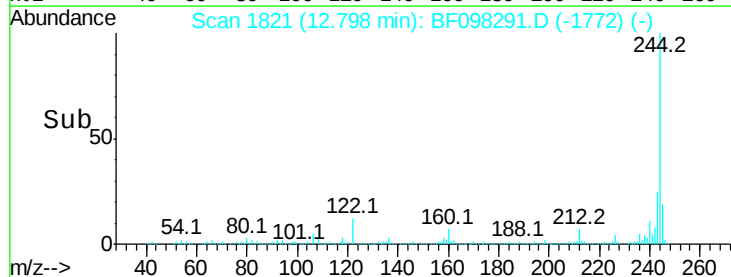
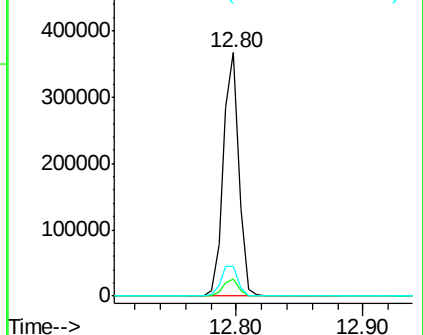
122 12.2 10.3 15.5

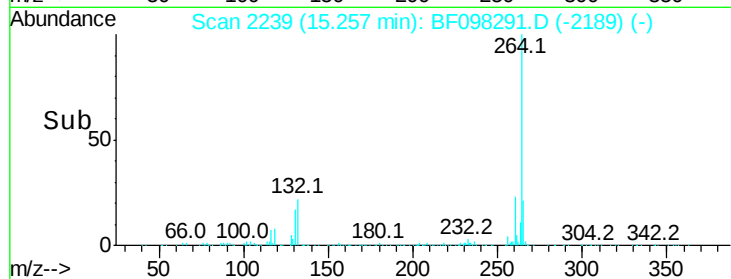
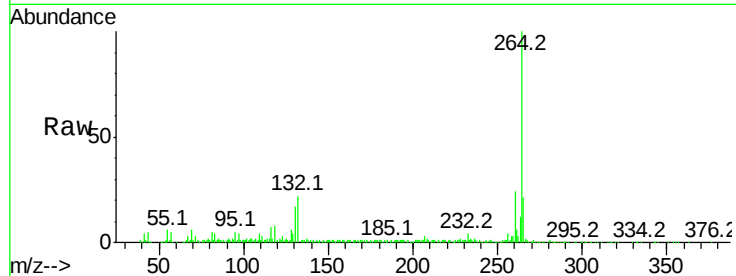
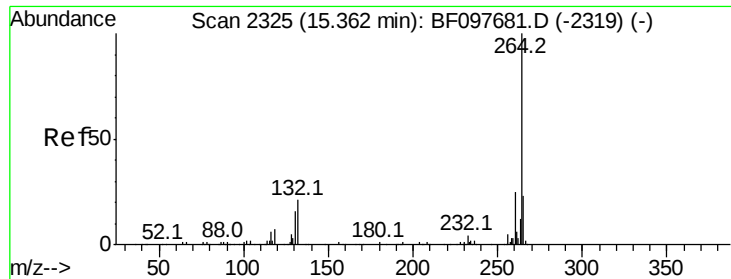


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min

Lab File: BF098291.D

Acq: 6 Sep 2017 23:54

Instrument :

BNA_F

ClientSampleId :

72-12020

Tot Ion:264 Resp: 171950

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.4 17.2 25.8

