

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109856.D
 Acq On : 13 Oct 2018 1:56
 Operator : JU/SJ
 Sample : J5450-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MATTING

Quant Time: Oct 15 07:28:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

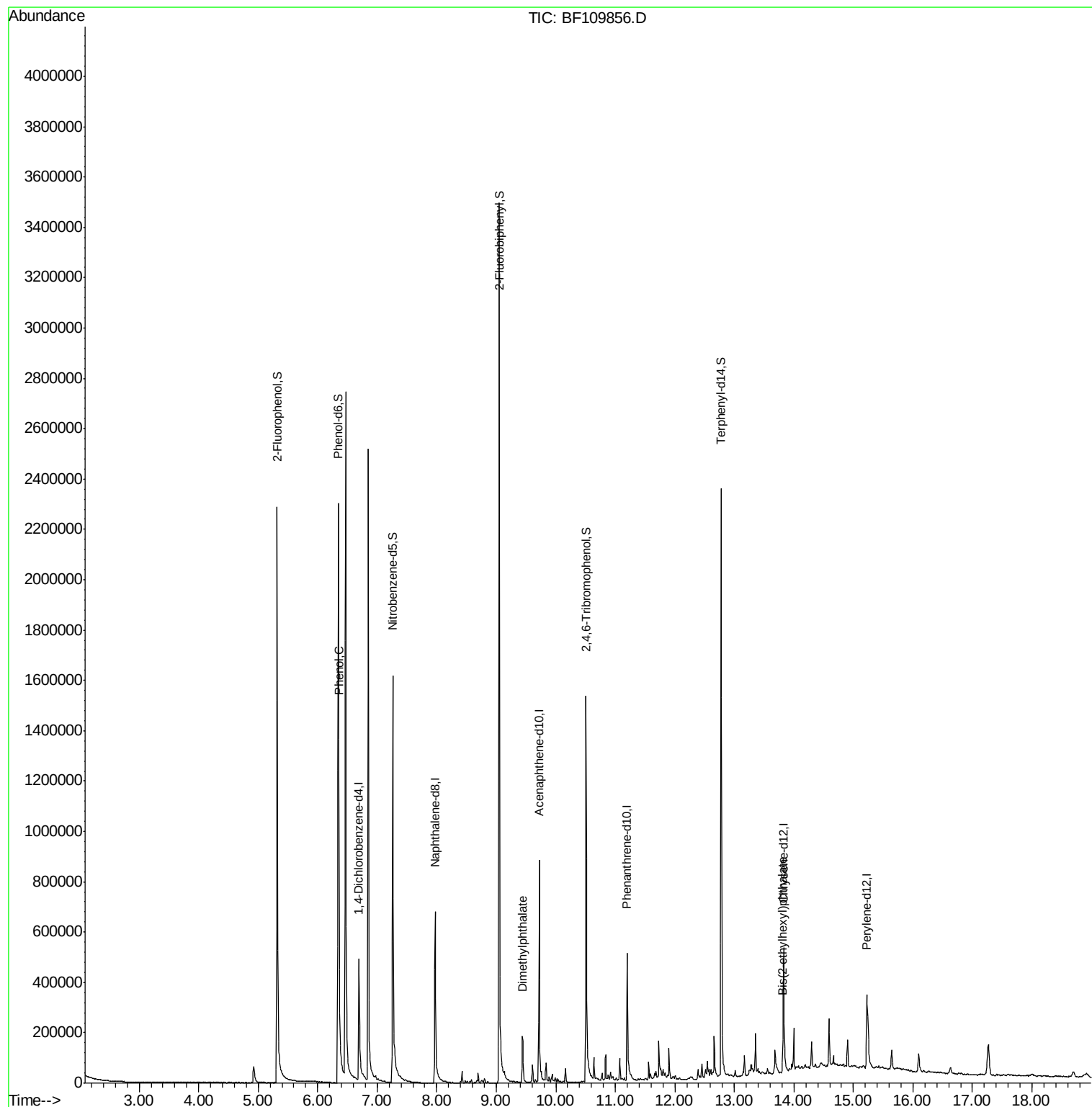
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107069	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	413037	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	174154	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	284020	20.00	ng	0.00
75) Chrysene-d12	13.83	240	219132	20.00	ng	0.00
86) Perylene-d12	15.23	264	169982	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	844468	140.00	ng	0.00
7) Phenol-d6	6.35	99	1147826	142.45	ng	0.00
23) Nitrobenzene-d5	7.26	82	750929	100.22	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	224216	118.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1290454	102.05	ng	0.00
78) Terphenyl-d14	12.78	244	883493	78.05	ng	0.00
Target Compounds						
10) Phenol	6.36	94	30336	3.283	ng	88
49) Dimethylphthalate	9.44	163	98089	7.680	ng	98
83) Bis(2-ethylhexyl)phthalate	13.81	149	23896	2.814	ng	96

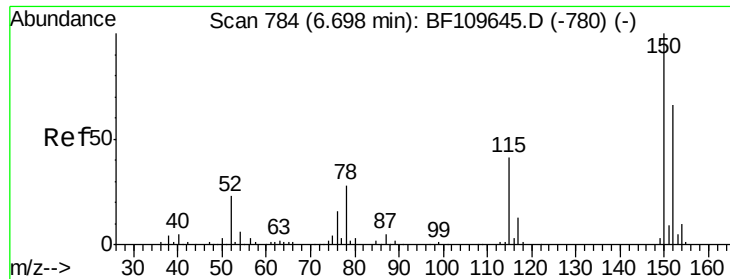
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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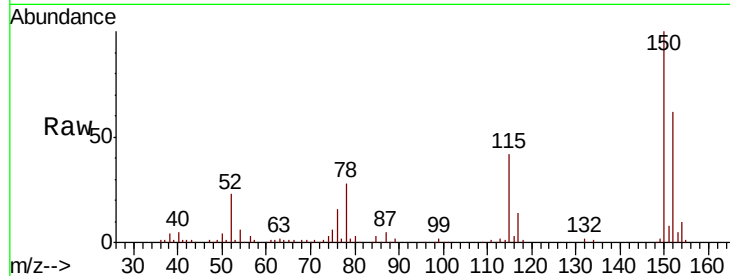


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.7	184.1
115	66.7	49.1	73.7

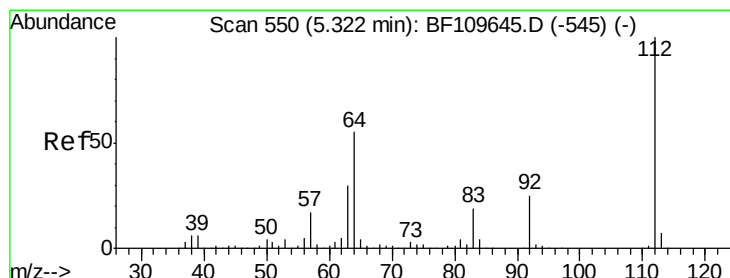
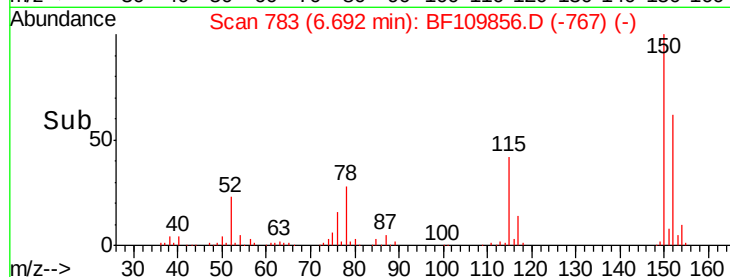
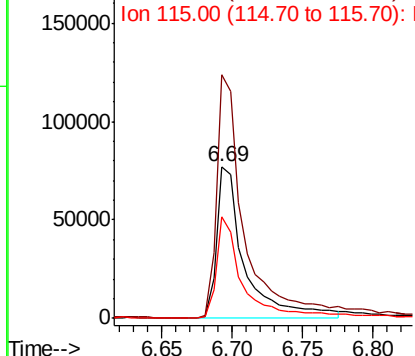


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

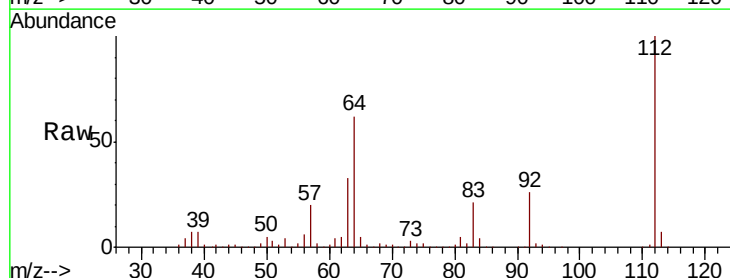
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.999 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	44.1	66.1
63	33.3	23.7	35.5

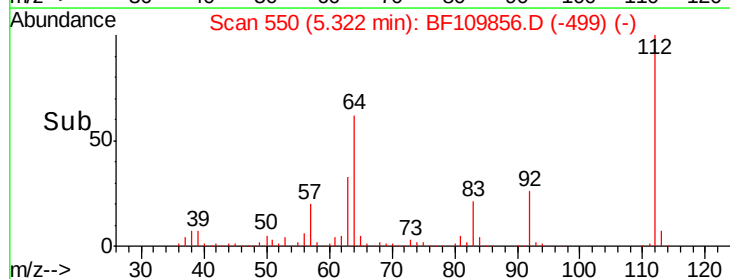
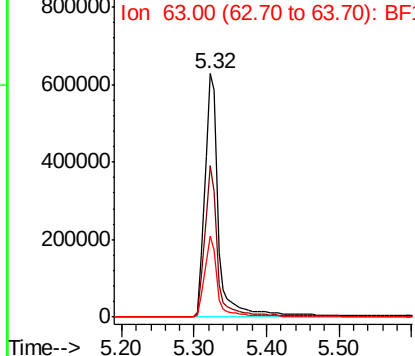


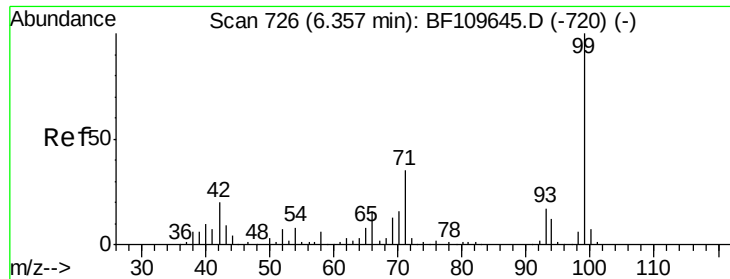
Abundance

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: 142.445 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

Instrument :

BNA_F

ClientSampled :

MATTING

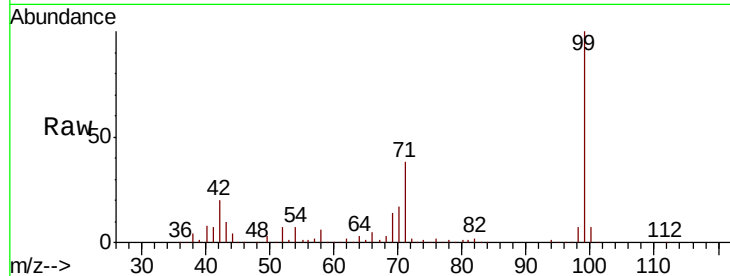
Tot Ion: 99 Resp: 1147826

Ion Ratio Lower Upper

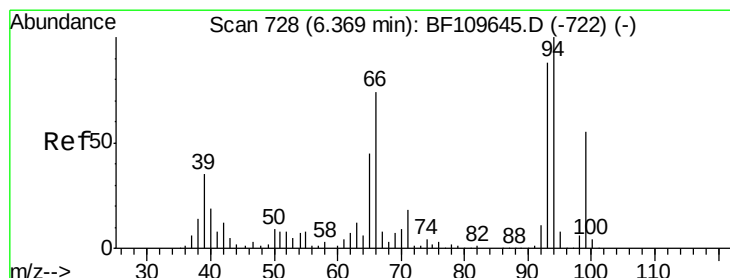
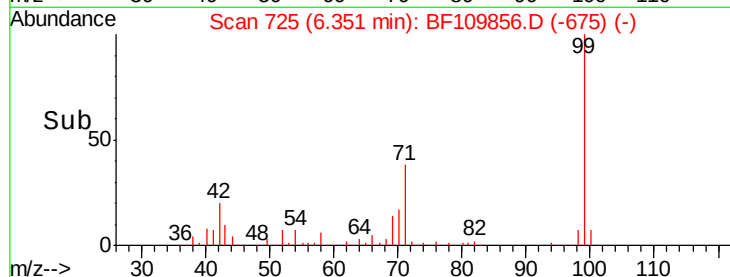
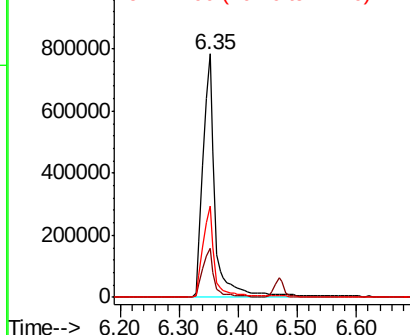
99 100

42 20.4 15.8 23.6

71 37.7 28.0 42.0



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: 3.283 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

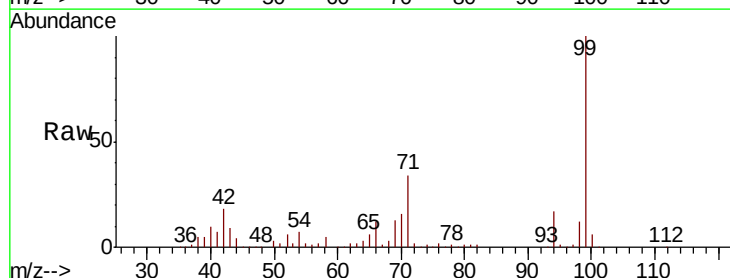
Tgt Ion: 94 Resp: 30336

Ion Ratio Lower Upper

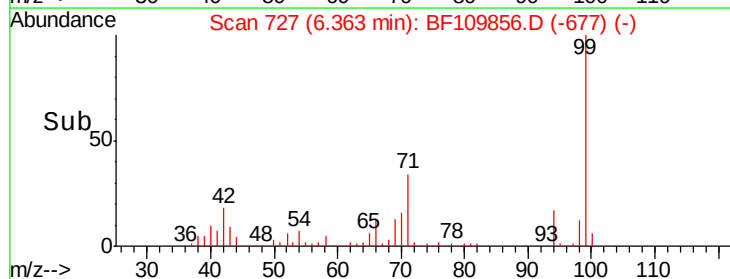
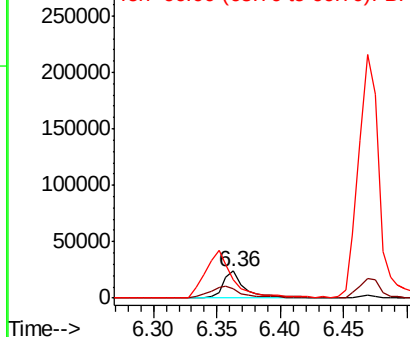
94 100

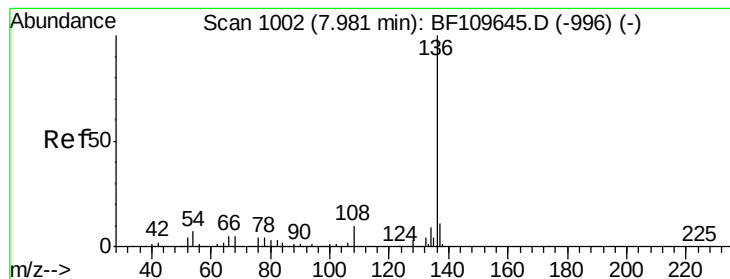
65 33.0 25.3 65.3

66 67.2 54.5 94.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

Instrument :

BNA_F

ClientSampleId :

MATTING

Tot Ion:136 Resp: 413037

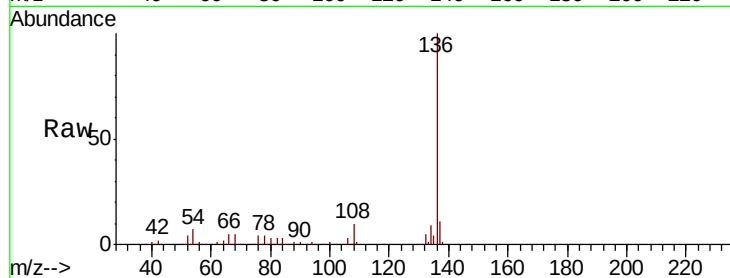
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.5 5.4 8.2

68 4.9 4.2 6.2

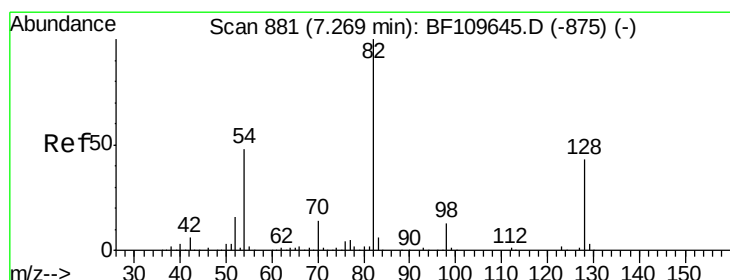
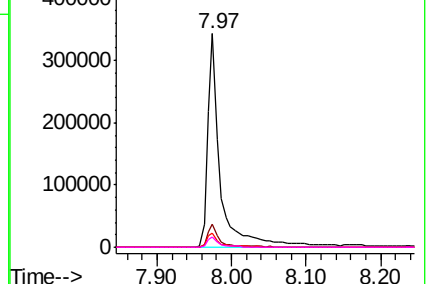
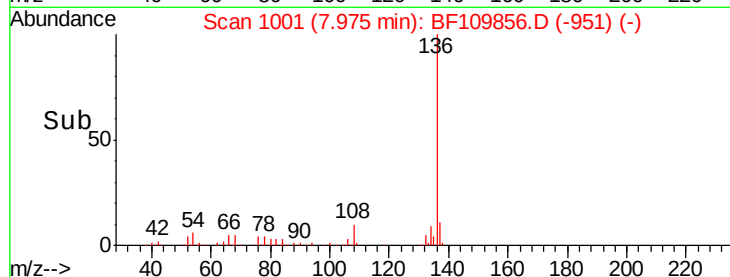


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.218 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

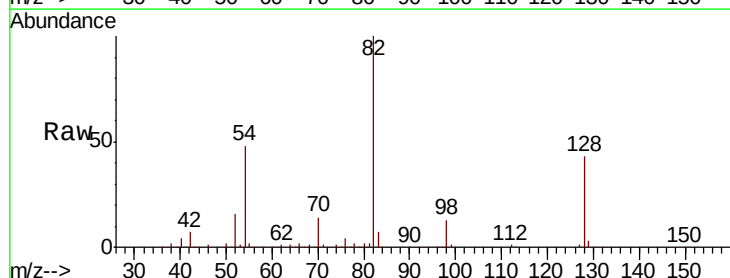
Tgt Ion: 82 Resp: 750929

Ion Ratio Lower Upper

82 100

128 43.0 34.2 51.2

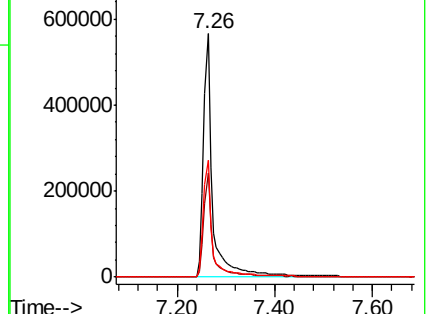
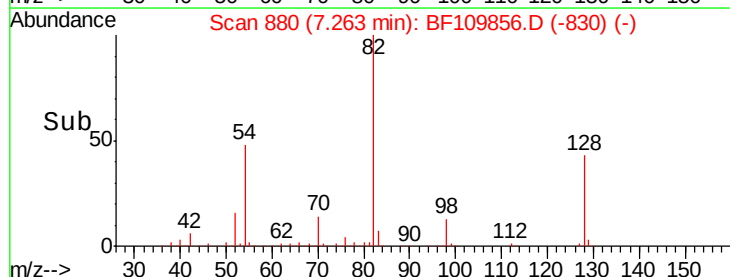
54 48.2 38.6 58.0

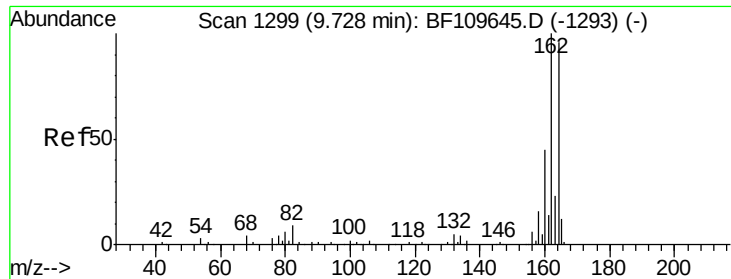


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

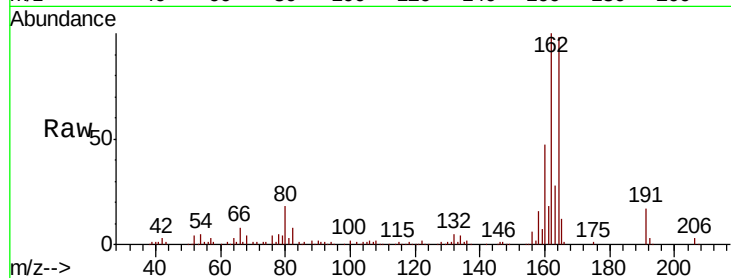




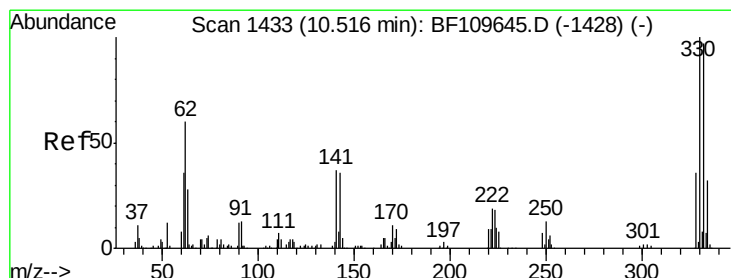
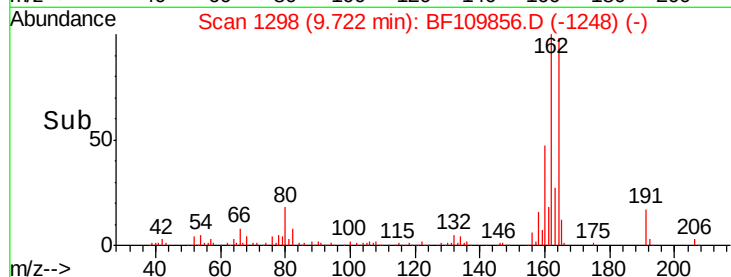
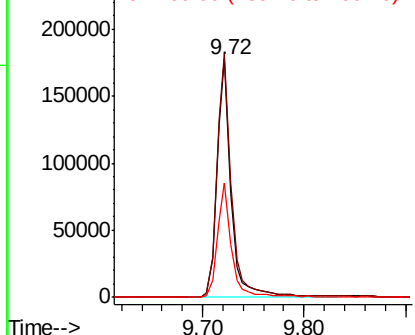
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 MATTING

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	48.1	37.0	55.6

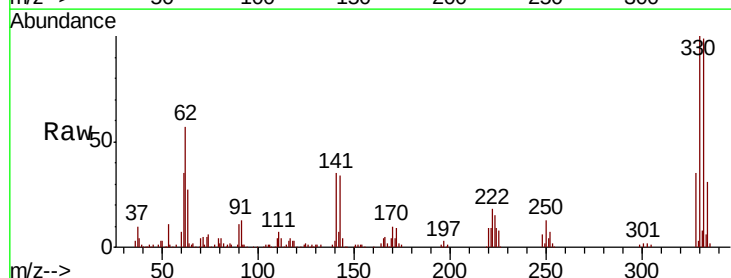


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

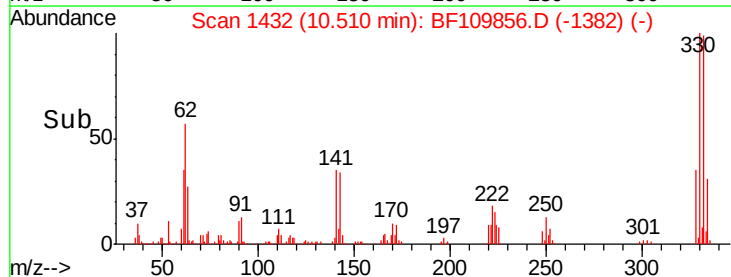
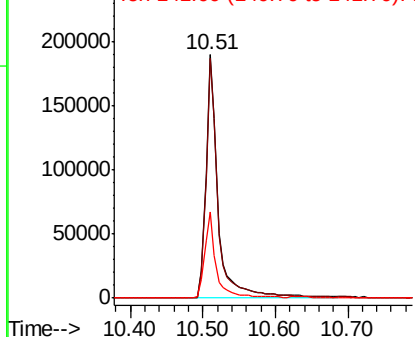


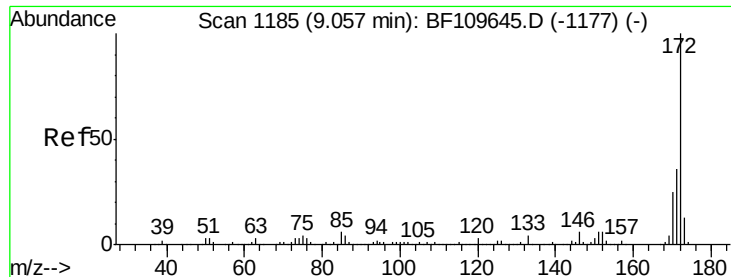
#41
 2,4,6-Tribromophenol
 Concen: 118.158 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	33.6	27.0	40.4



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

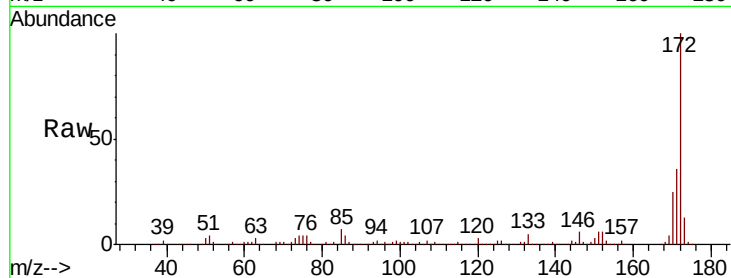




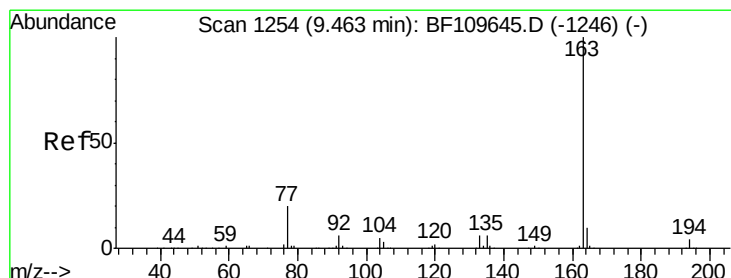
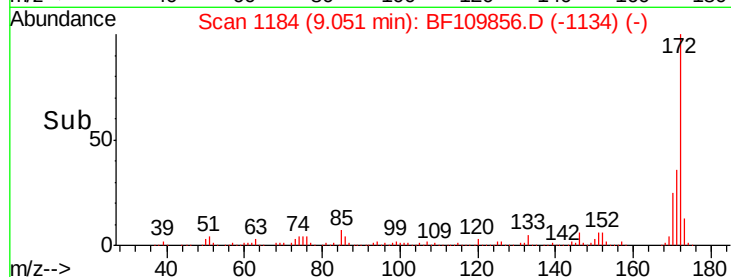
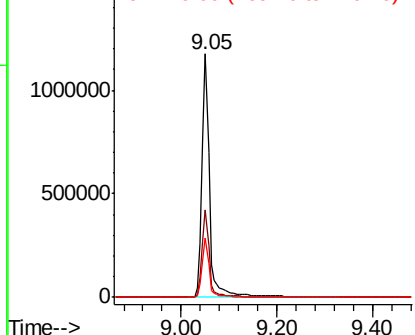
#44
2-Fluorobiphenyl
Concen: 102.052 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tot Ion:172 Resp: 1290454
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.5 19.7 29.5

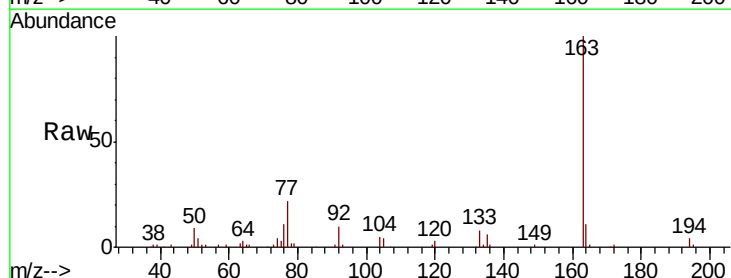


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

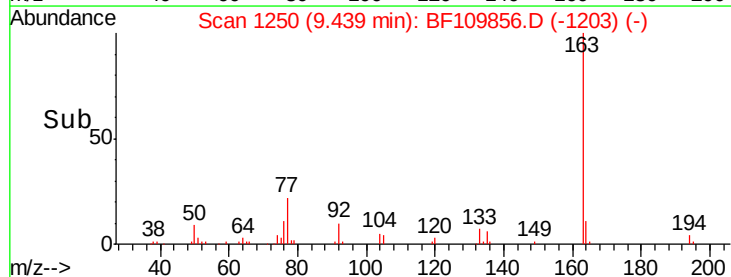
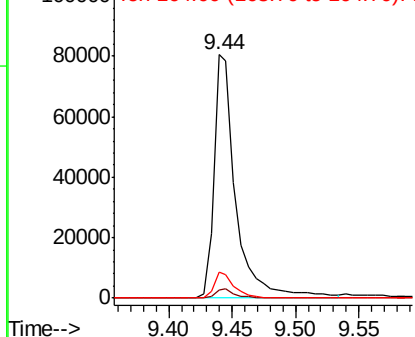


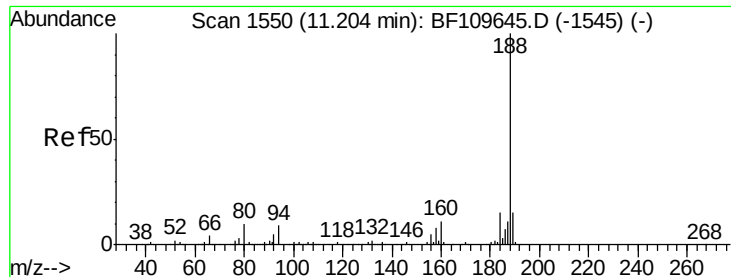
#49
Dimethylphthalate
Concen: 7.680 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:163 Resp: 98089
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.9 8.1 12.1



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

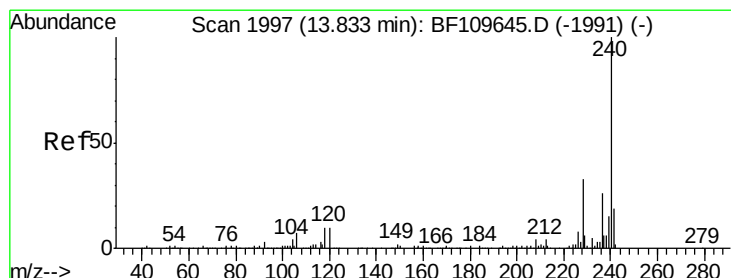
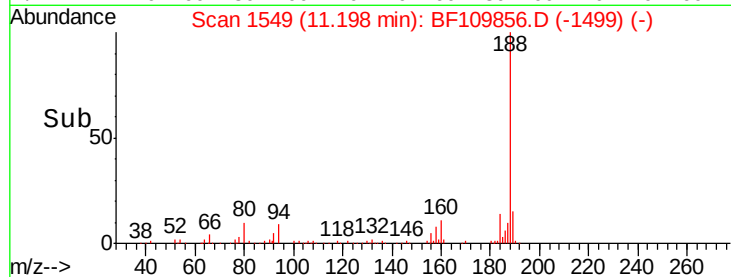
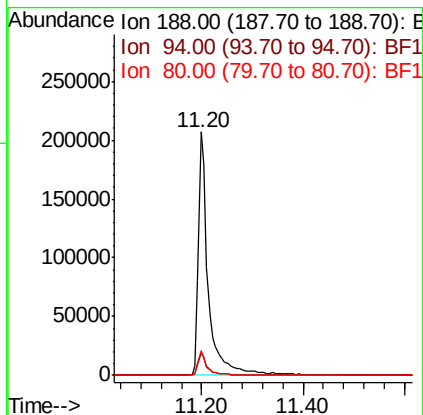
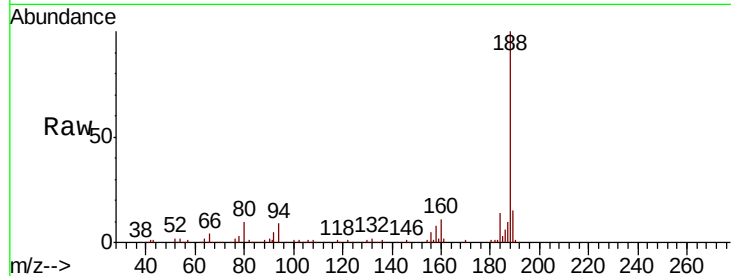




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

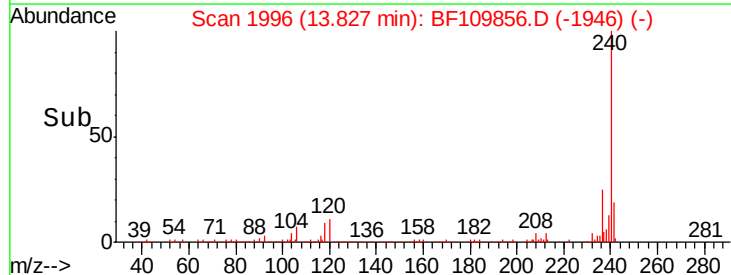
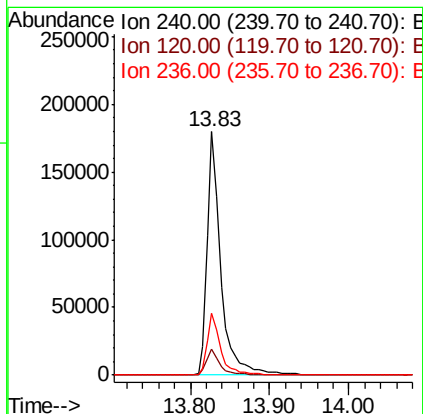
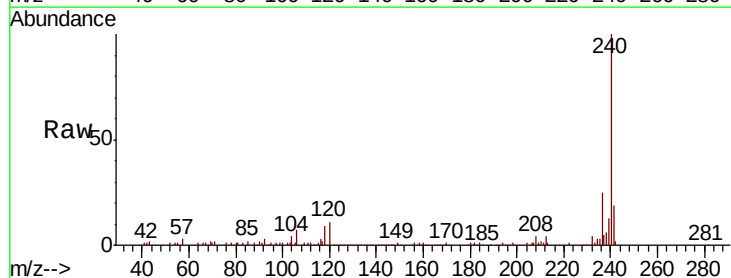
Instrument :
BNA_F
ClientSampled :
MATTING

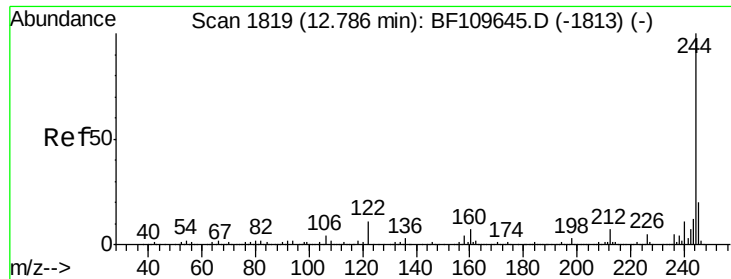
Tot Ion:188 Resp: 284020
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 7.9 11.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion:240 Resp: 219132
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.2 21.2 31.8

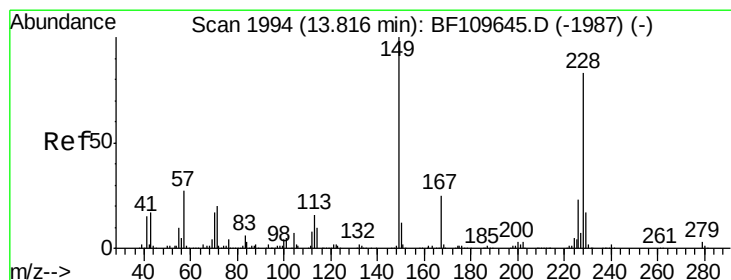
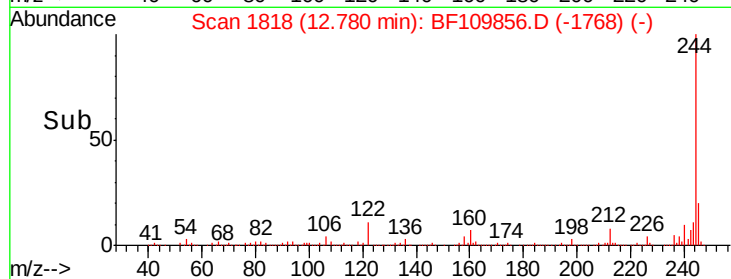
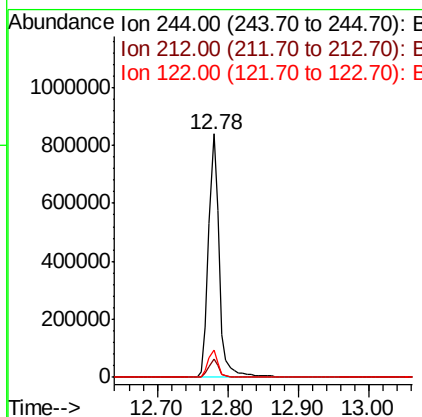
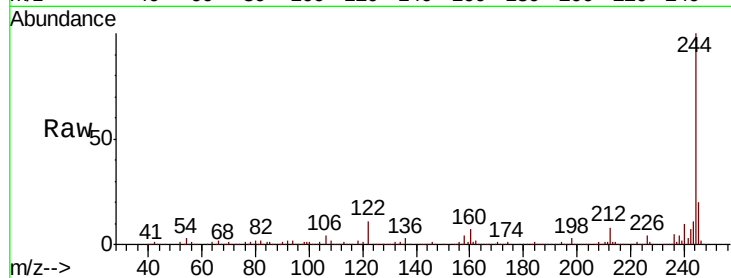




#78
 Terphenyl-d14
 Concen: 78.049 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

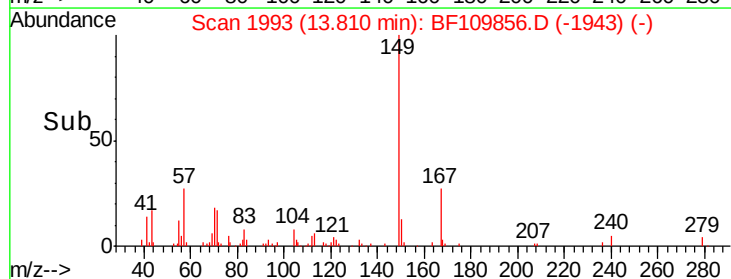
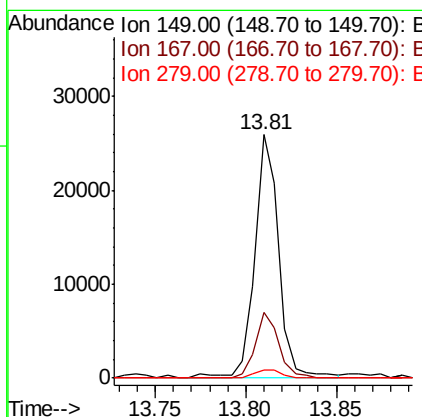
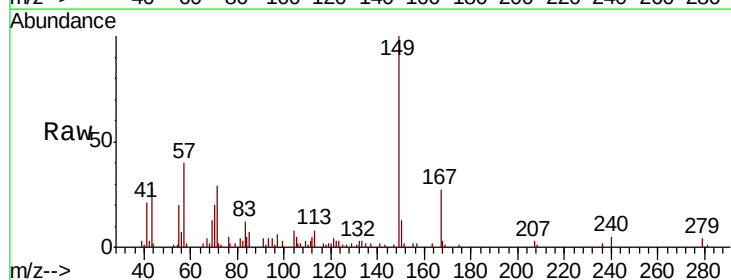
Instrument :
 BNA_F
 ClientSampled :
 MATTING

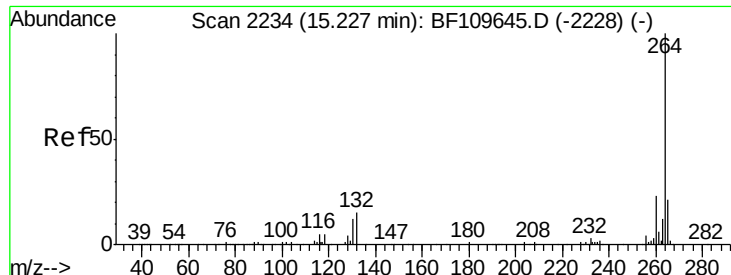
Tot Ion:244 Resp: 883493
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 11.2 8.7 13.1



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.814 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Tgt Ion:149 Resp: 23896
 Ion Ratio Lower Upper
 149 100
 167 27.0 19.8 29.8
 279 3.5 2.7 4.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.1	16.7	25.1

