

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 13 03:09:14 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

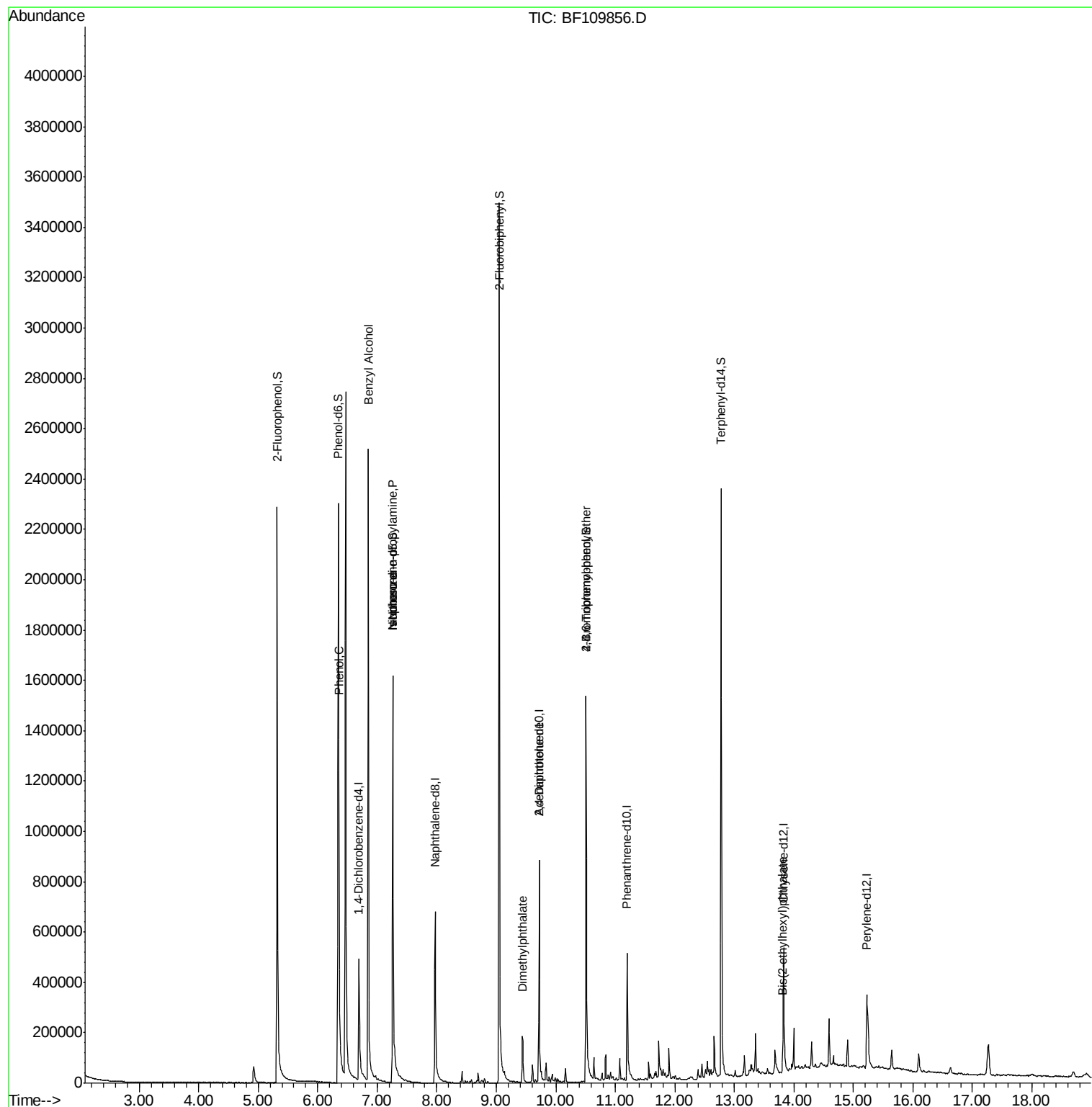
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107069	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	413037	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	174154	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	284020	20.00	ng	0.00
75) Chrysene-d12	13.83	240	219132	20.00	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
15) Benzyl Alcohol	6.85	79	12202	2.043	ng	# 52
19) n-Nitroso-di-n-propylamine	7.26	70	100262	17.743	ng	# 78
25) Isophorone	7.26	82	755308	60.704	ng	# 67
49) Dimethylphthalate	9.44	163	98089	7.680	ng	98
56) 2,4-Dinitrotoluene	9.72	165	21711	6.284	ng	# 20
66) 4-Bromophenyl-phenylether	10.51	248	13522	4.143	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.81	149	23896	2.814	ng	96

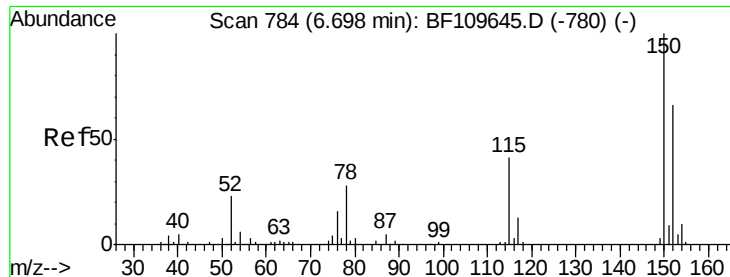
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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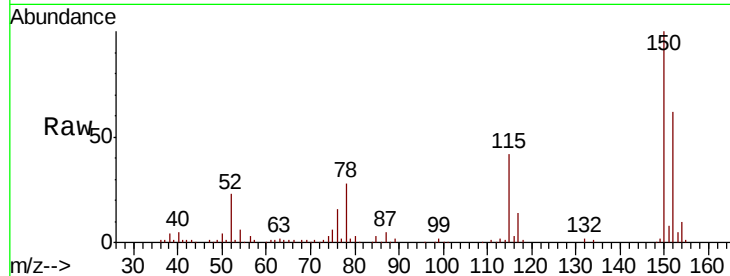


#1

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

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

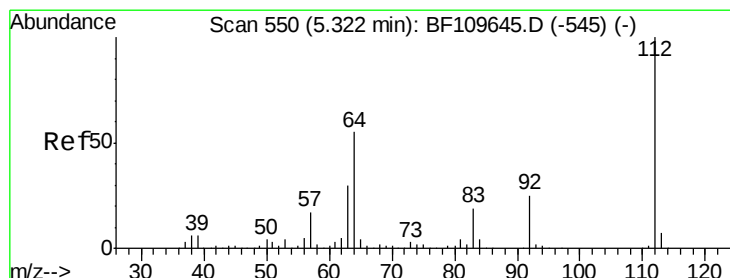
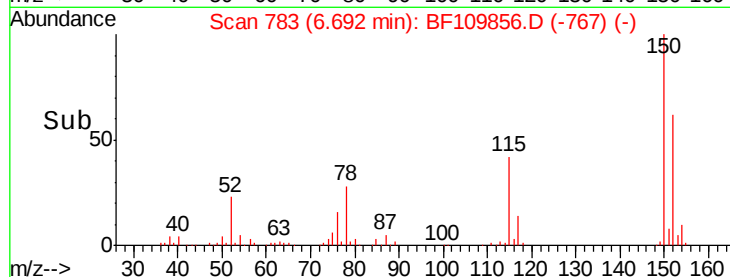
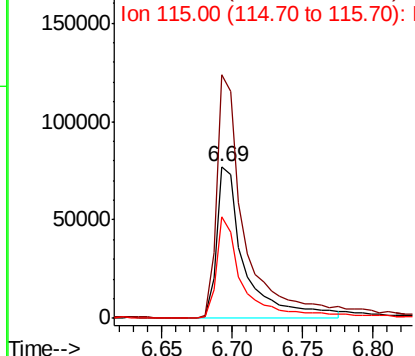


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

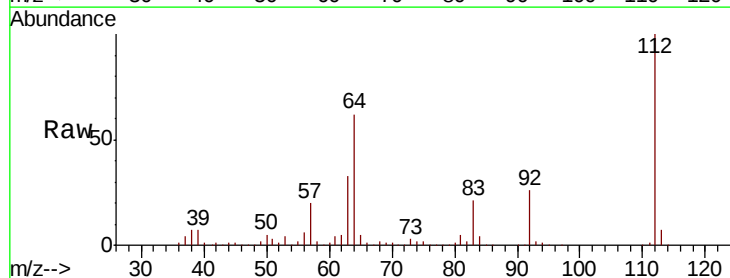
Ion 115.00 (114.70 to 115.70): E



#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

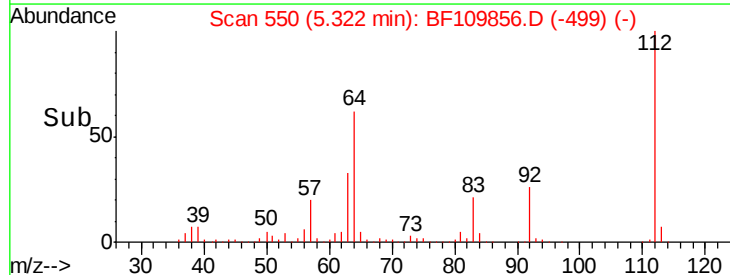
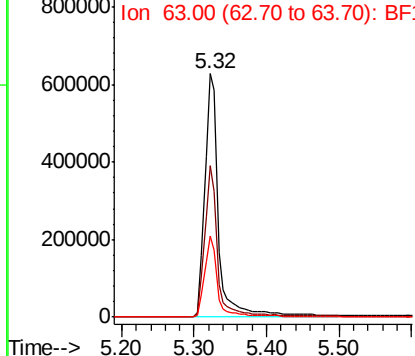


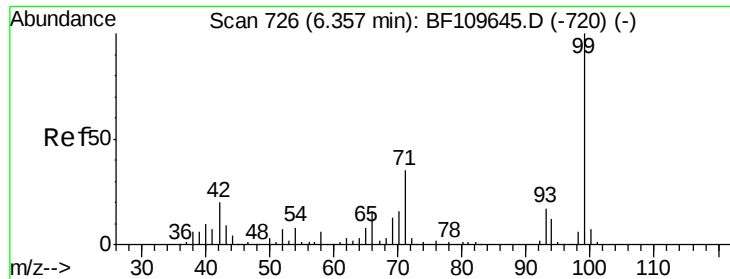
Abundance

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

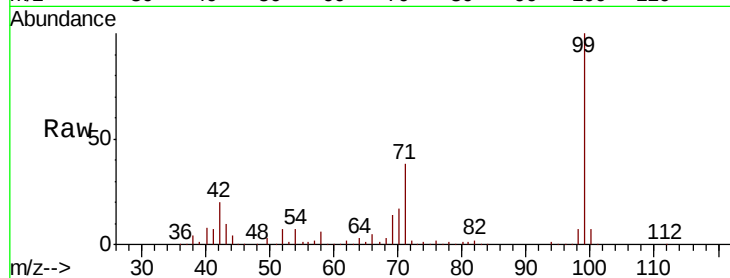
Tgt Ion: 99 Resp: 1147826

Ion Ratio Lower Upper

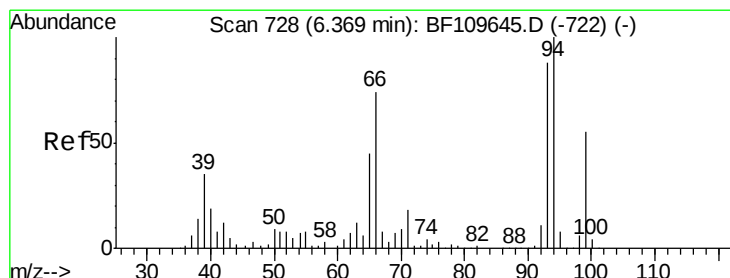
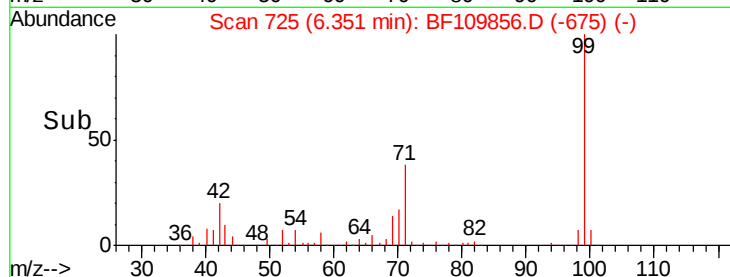
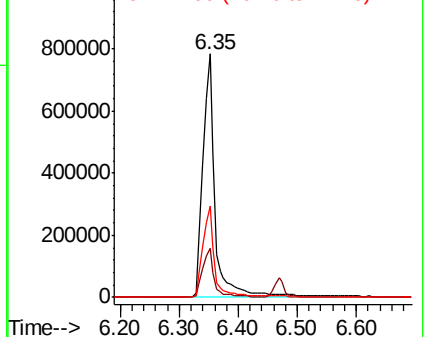
99 100

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

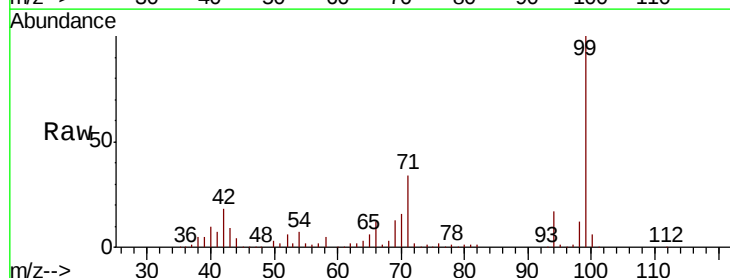
Tgt Ion: 94 Resp: 30336

Ion Ratio Lower Upper

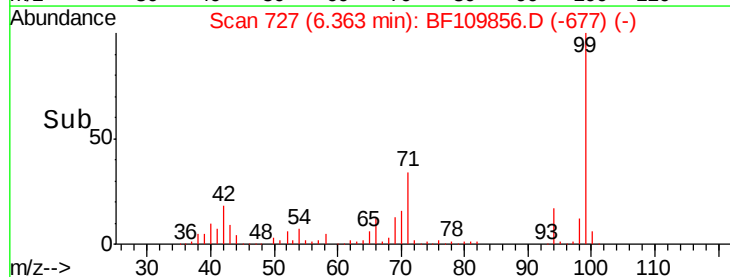
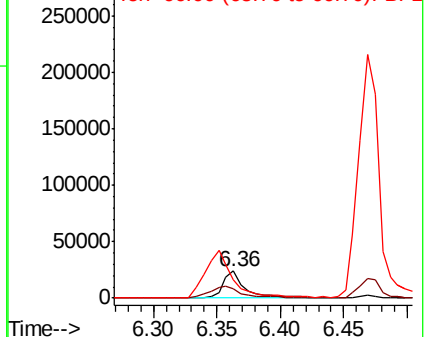
94 100

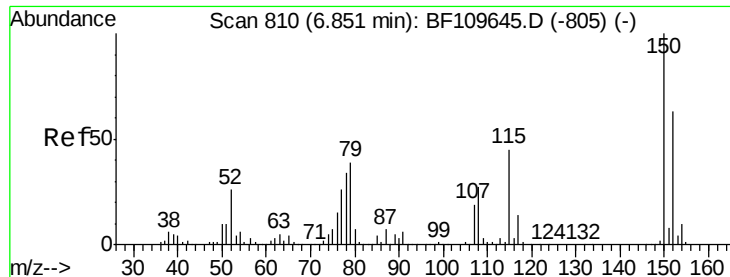
65 33.0 25.3 65.3

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

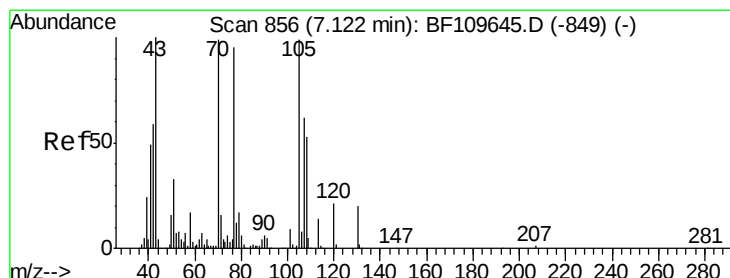
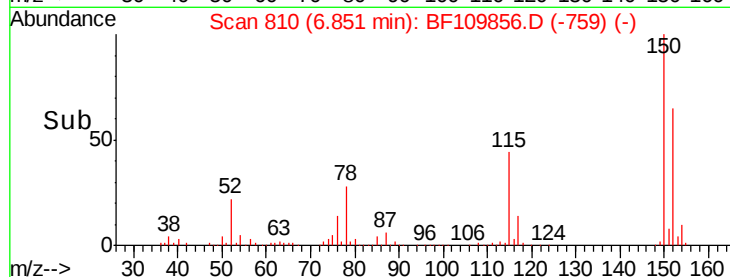
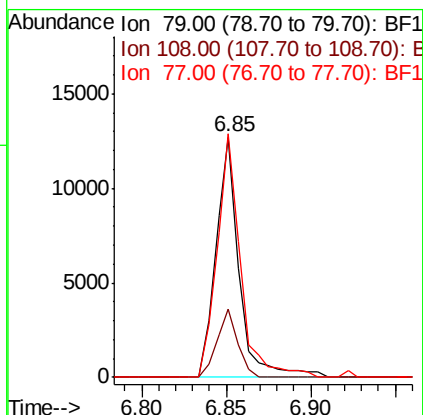
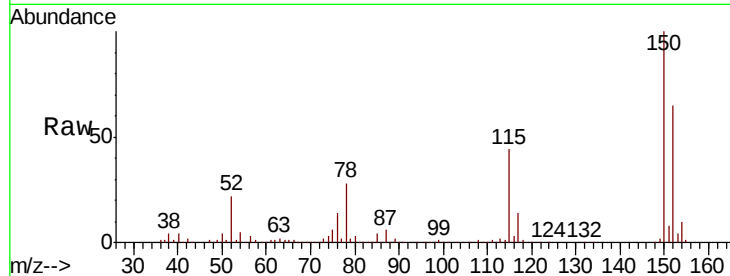




#15
Benzyl Alcohol
Concen: 2.043 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

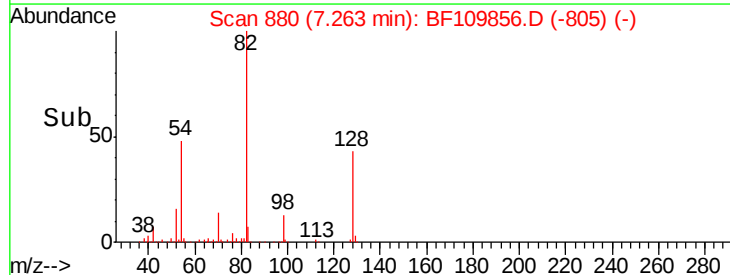
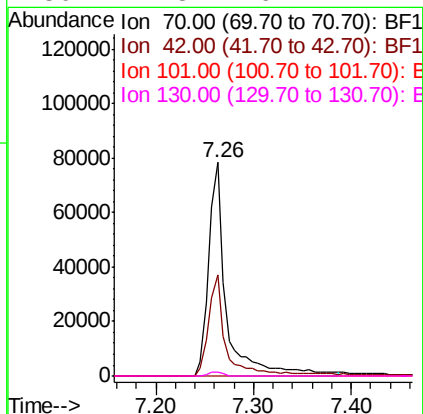
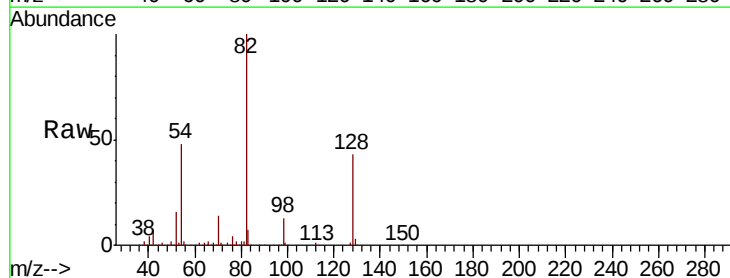
Instrument :
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ClientSampleId :
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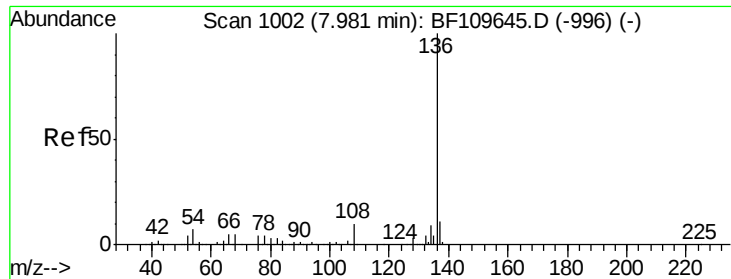
Tgt Ion: 79 Resp: 12202
Ion Ratio Lower Upper
79 100
108 28.3 56.3 84.5#
77 101.5 52.9 79.3#



#19
n-Nitroso-di-n-propylamine
Concen: 17.743 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Tgt Ion: 70 Resp: 100262
Ion Ratio Lower Upper
70 100
42 47.5 47.4 71.2
101 0.0 7.3 10.9#
130 1.8 16.2 24.2#

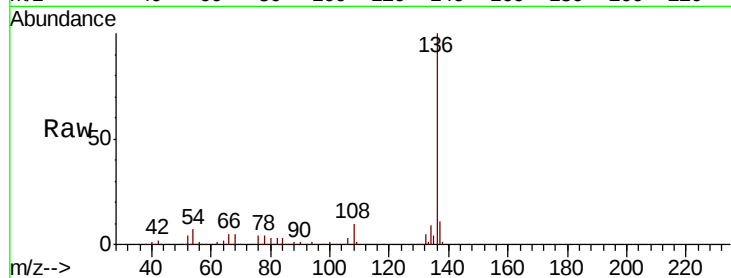




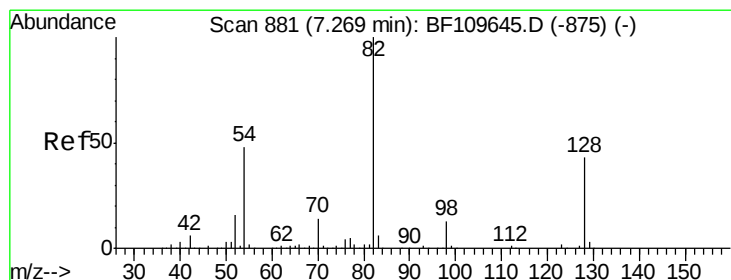
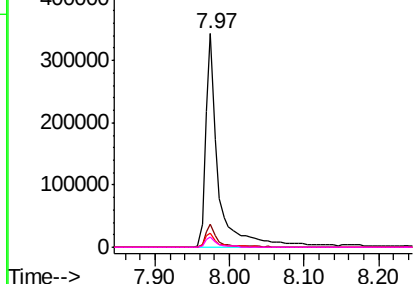
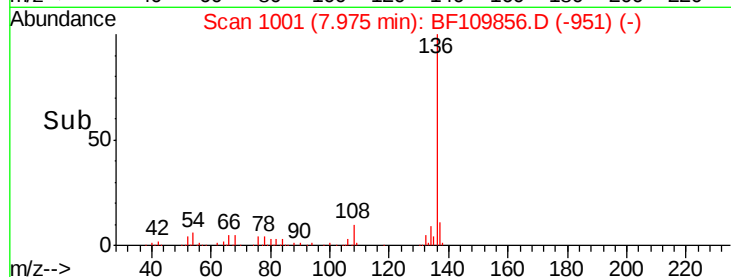
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

Instrument :
BNA_F
ClientSampleId :
MATTING

Tgt 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

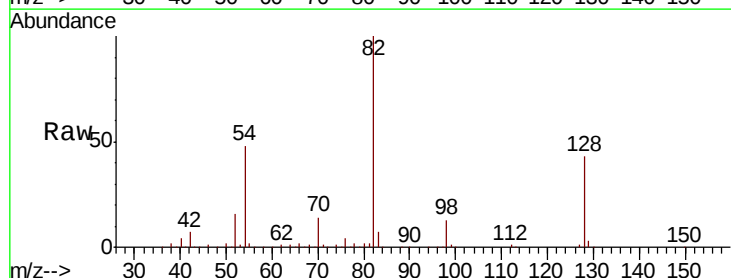


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

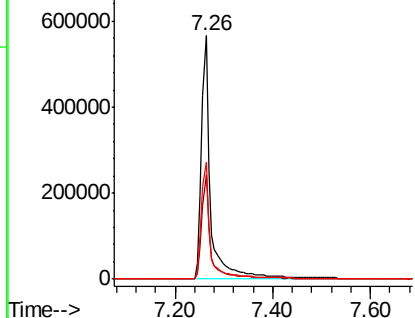
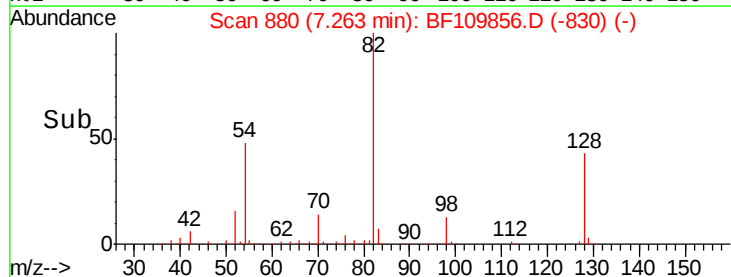


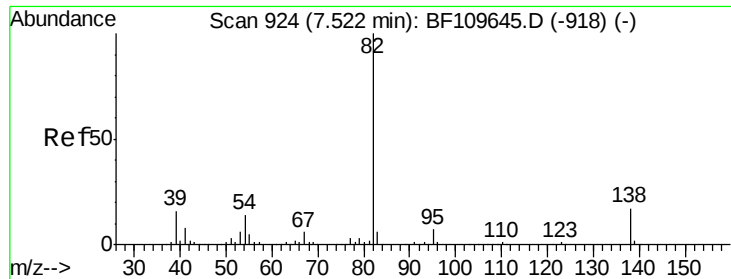
#23
Nitrobenzene-d5
Concen: 100.218 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109856.D
Acq: 13 Oct 2018 1:56

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





#25

Isophorone

Concen: 60.704 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

Instrument :

BNA_F

ClientSampled :

MATTING

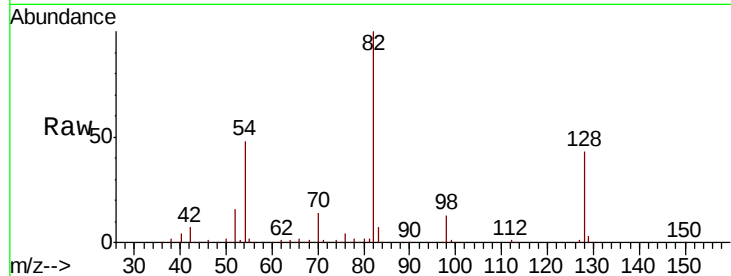
Tgt Ion: 82 Resp: 755308

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

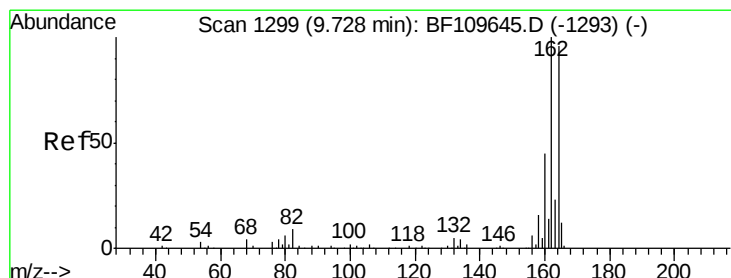
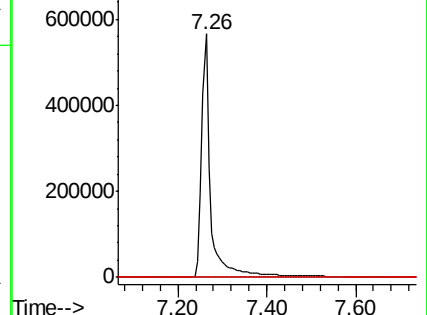
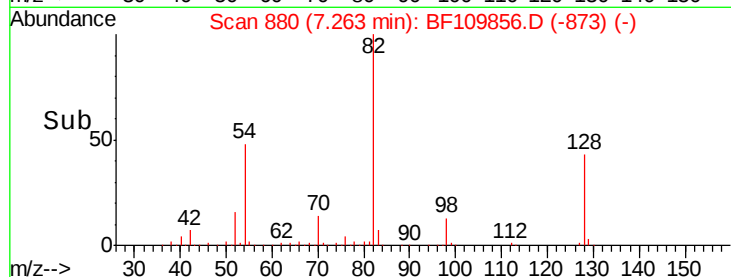
138 0.0 13.2 19.8#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

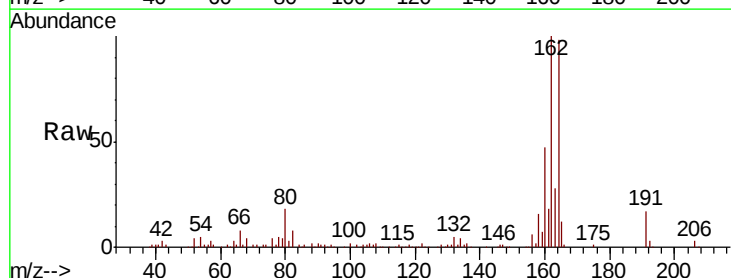
Tgt Ion: 164 Resp: 174154

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

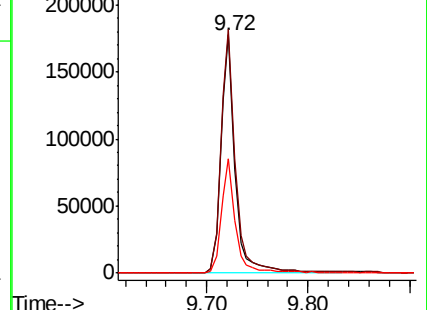
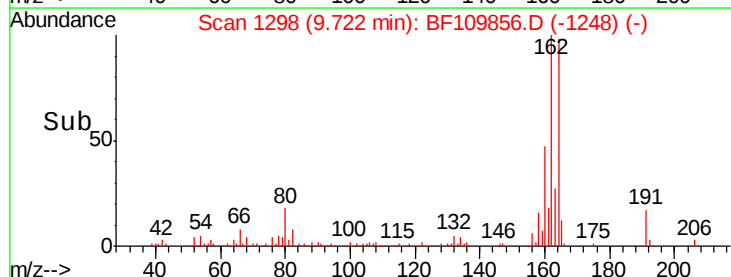
160 48.1 37.0 55.6

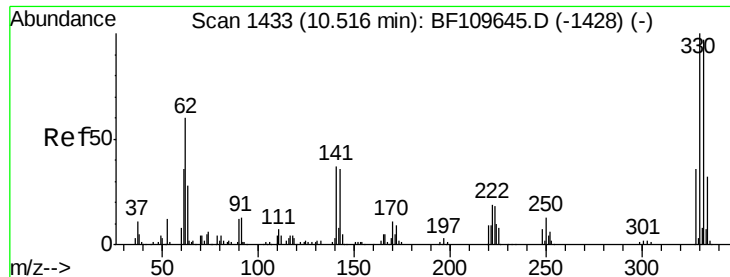


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

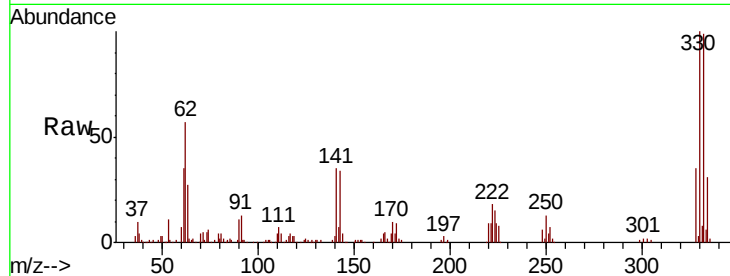




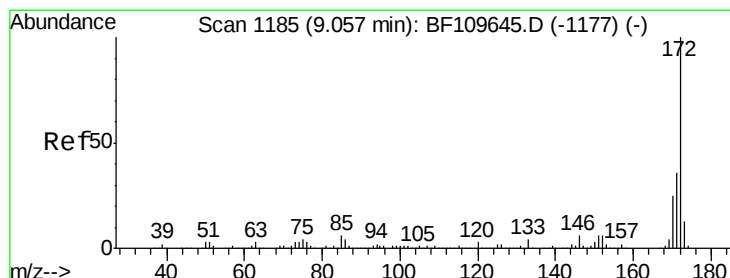
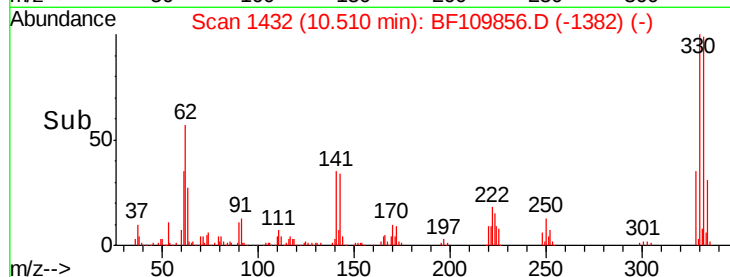
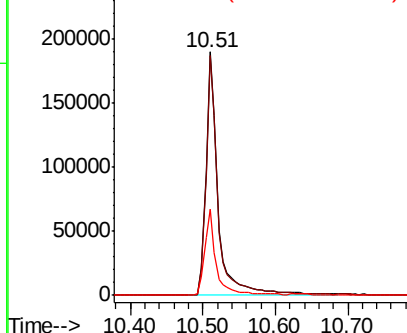
#41
 2,4,6-Tribromophenol
 Concen: 118.158 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 MATTING

Tgt Ion:330 Resp: 224216
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 33.6 27.0 40.4

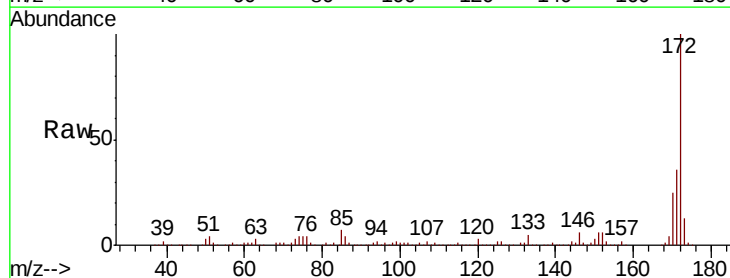


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

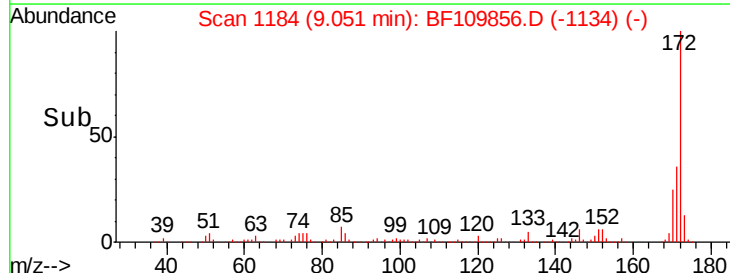
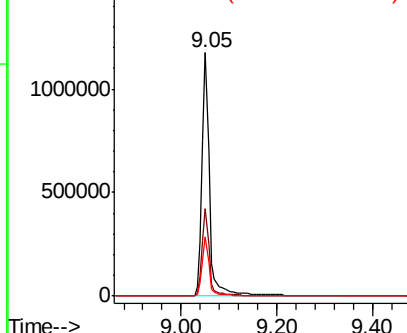


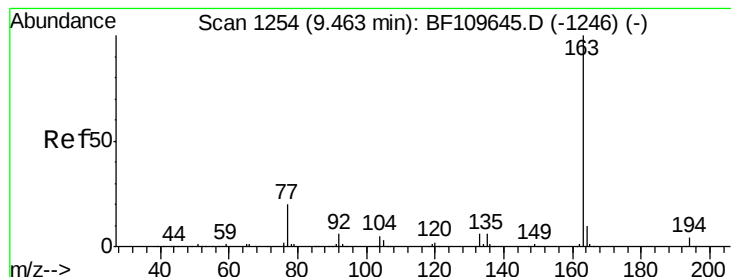
#44
 2-Fluorobiphenyl
 Concen: 102.052 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Tgt 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

Instrument :

BNA_F

ClientSampled :

MATTING

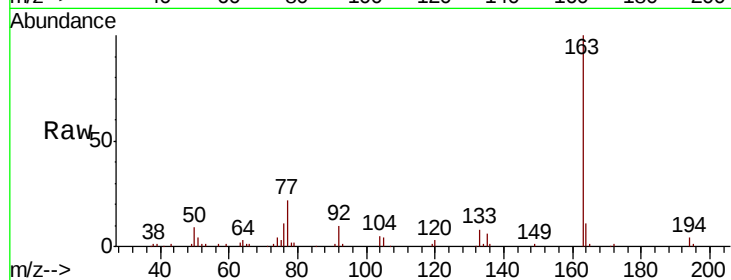
Tgt Ion:163 Resp: 98089

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

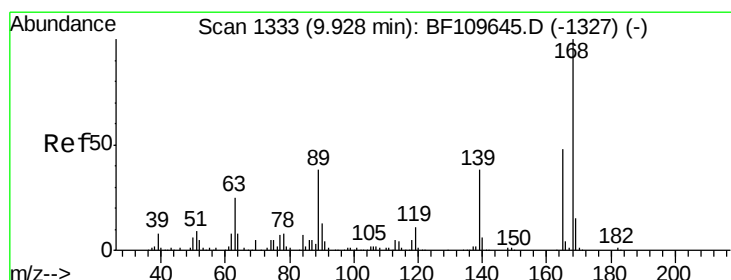
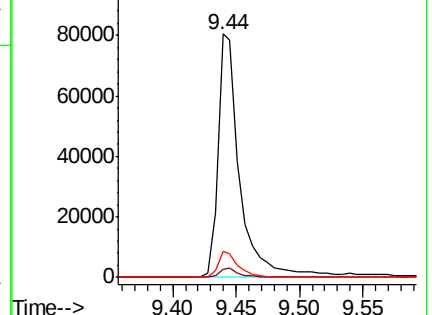
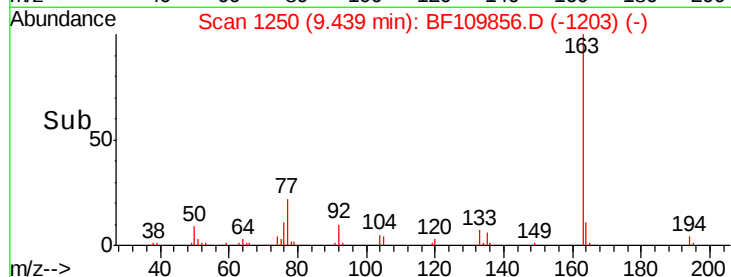
164 10.9 8.1 12.1



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



#56

2,4-Dinitrotoluene

Concen: 6.284 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.21 min

Lab File: BF109856.D

Acq: 13 Oct 2018 1:56

Tgt Ion:165 Resp: 21711

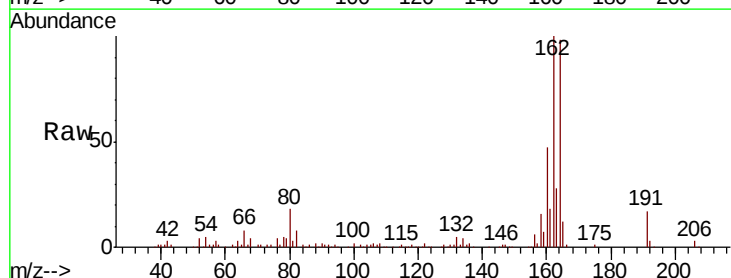
Ion Ratio Lower Upper

165 100

63 2.3 44.8 67.2#

89 2.7 62.2 93.4#

182 0.0 2.1 3.1#

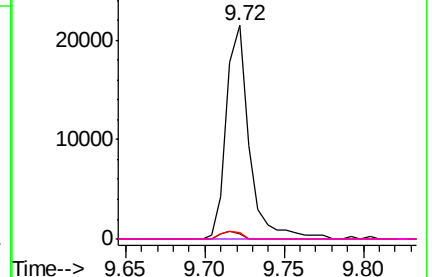
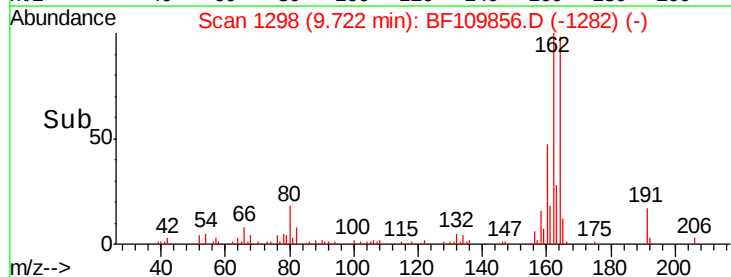


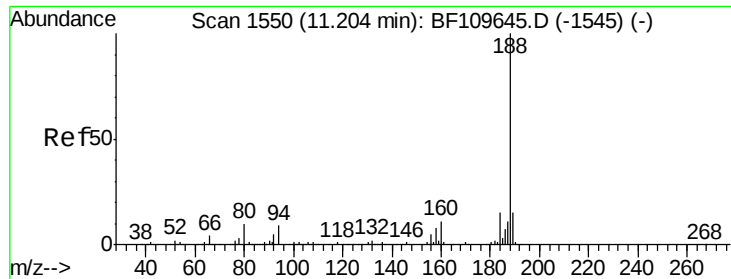
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

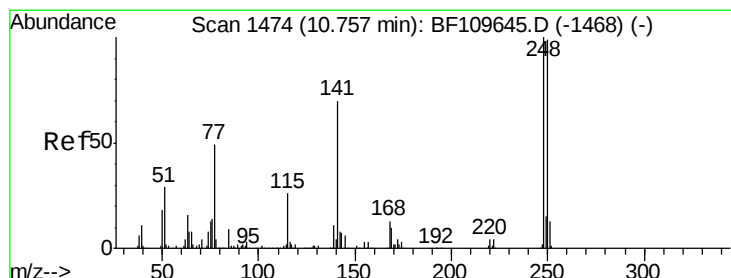
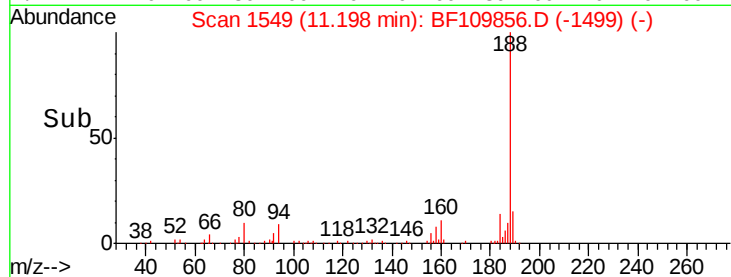
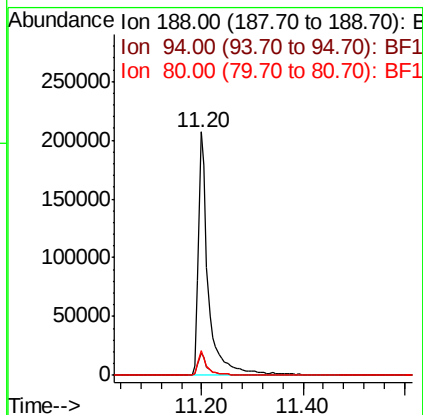
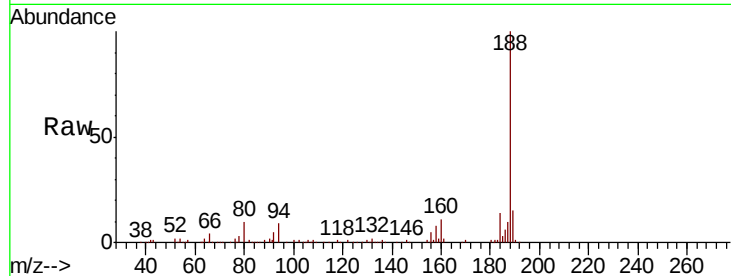




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

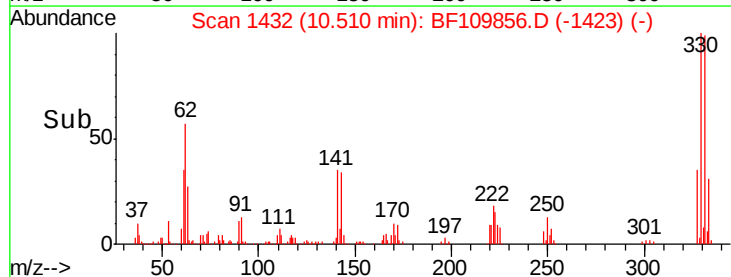
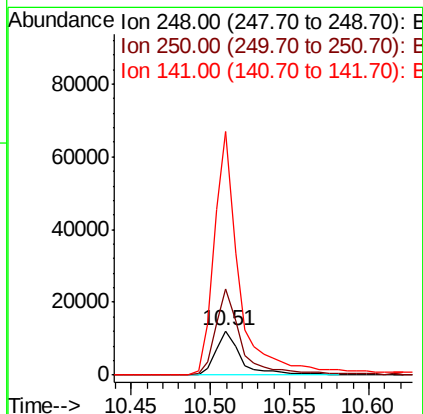
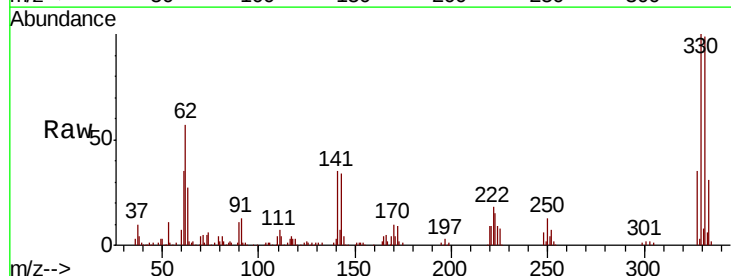
Instrument :
 BNA_F
 ClientSampleId :
 MATTING

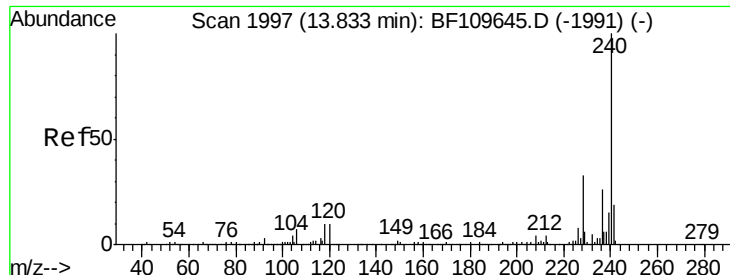
Tgt Ion:188 Resp: 284020
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 9.9 7.9 11.9



#66
 4-Bromophenyl-phenylether
 Concen: 4.143 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Tgt Ion:248 Resp: 13522
 Ion Ratio Lower Upper
 248 100
 250 194.8 79.4 119.2#
 141 549.6 55.9 83.9#





#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

Instrument :

BNA_F

ClientSampleId :

MATTING

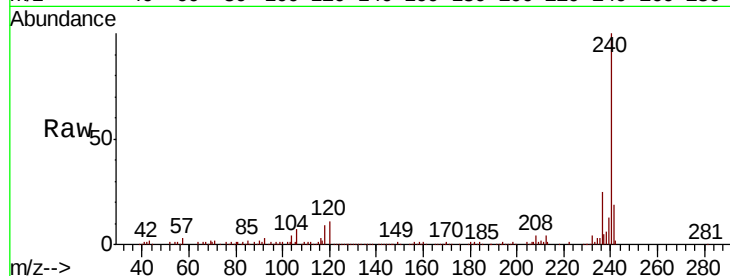
Tgt Ion:240 Resp: 219132

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

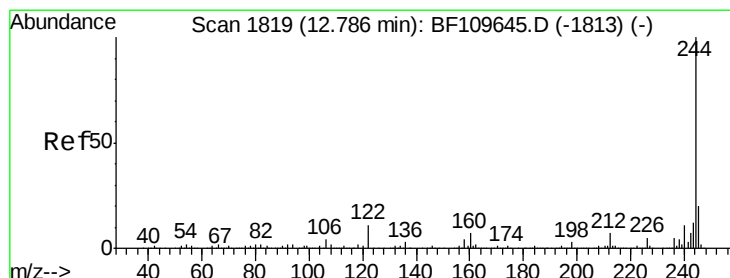
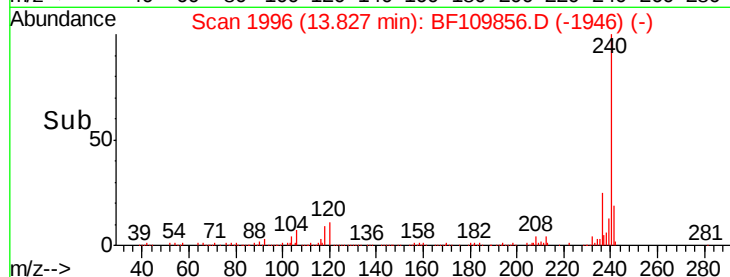
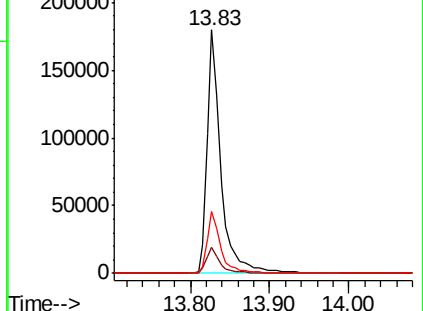
236 25.2 21.2 31.8



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: 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

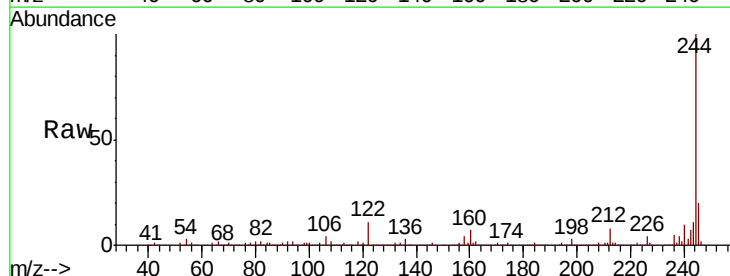
Tgt Ion:244 Resp: 883493

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

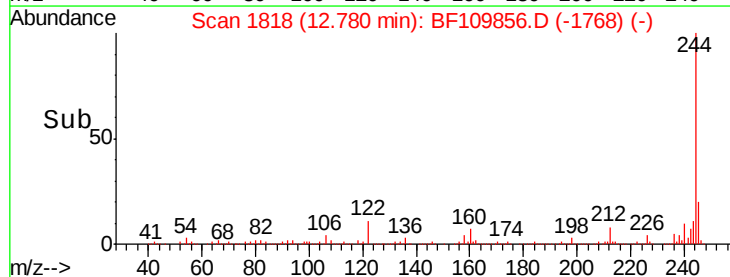
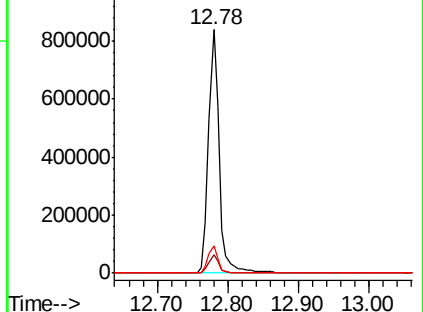
122 11.2 8.7 13.1

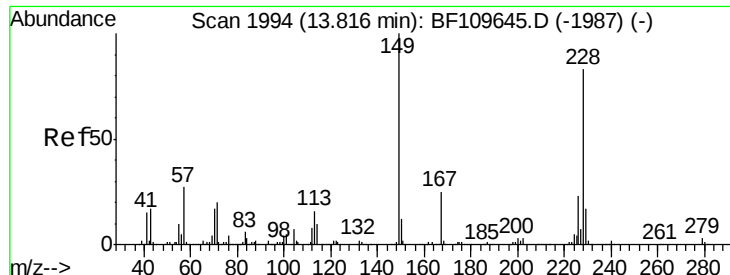


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

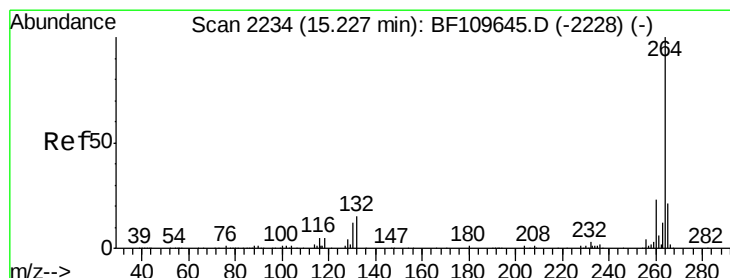
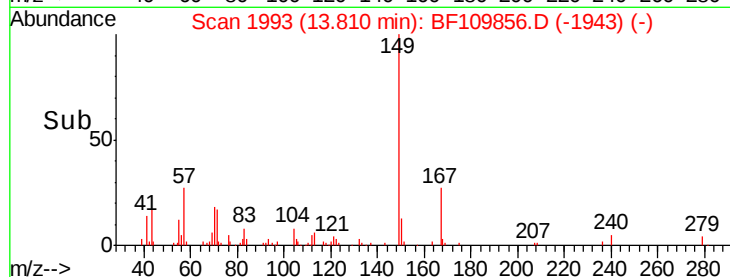
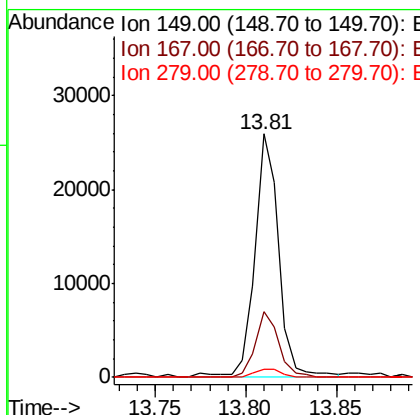
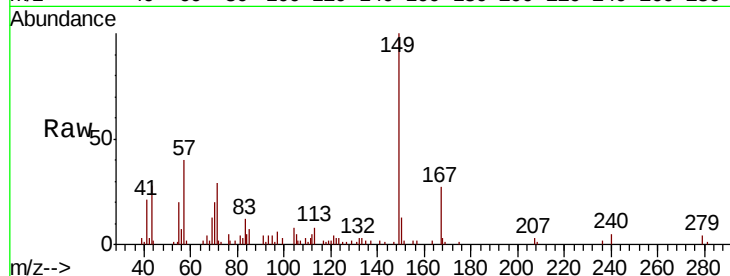




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.814 ng
 RT: 13.81 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BF109856.D
 Acq: 13 Oct 2018 1:56

Instrument :
 BNA_F
 ClientSampleId :
 MATTING

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



#86
 Perylene-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

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

