

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108679.D
 Acq On : 31 Aug 2018 9:28
 Operator : JU/SJ
 Sample : J4700-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 10:44:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

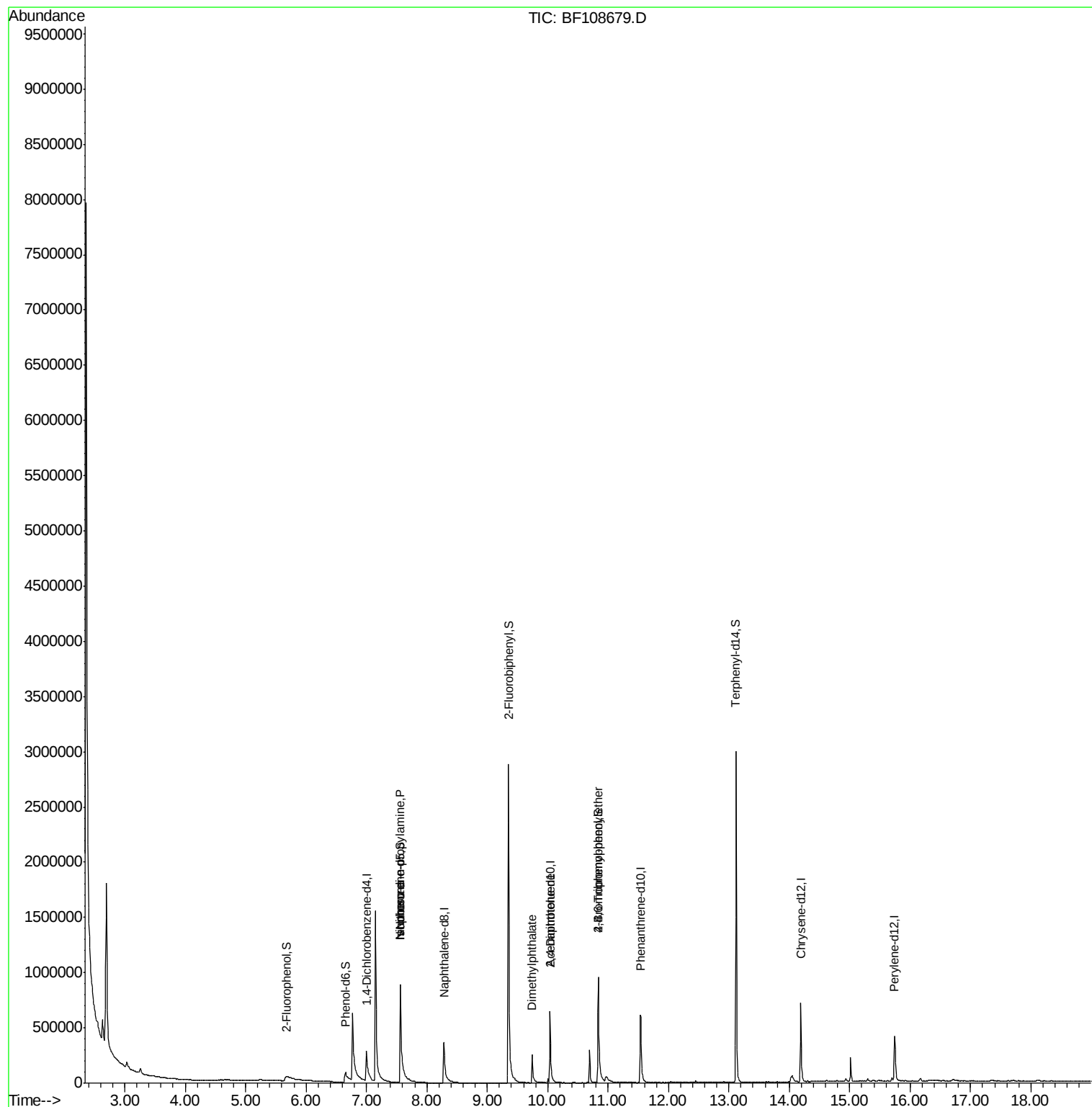
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	96910	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	392192	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	193213	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	375161	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	322654	20.00	ng	-0.01
86) Perylene-d12	15.74	264	269814	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	22650	4.06	ng	0.02
7) Phenol-d6	6.65	99	149227	18.68	ng	0.00
23) Nitrobenzene-d5	7.56	82	625911	81.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	189562	74.32	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1263445	87.92	ng	0.00
78) Terphenyl-d14	13.12	244	1219033	73.41	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	76706	14.336	ng	# 85
25) Isophorone	7.56	82	625911	48.765	ng	# 64
49) Dimethylphthalate	9.74	163	174832	11.491	ng	100
56) 2,4-Dinitrotoluene	10.04	165	24921	5.612	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	12357	2.680	ng	# 1

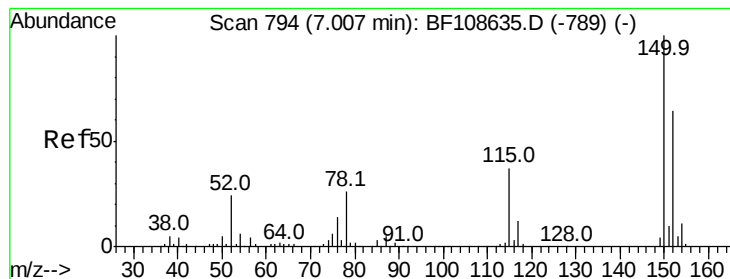
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

ClientSampleId :

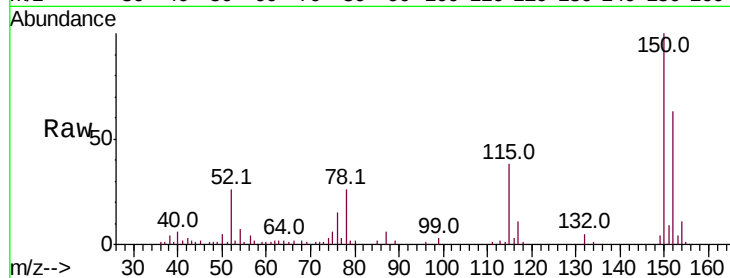
Tot Ion:152 Resp: 96910

Ion Ratio Lower Upper

152 100

150 158.4 124.6 186.8

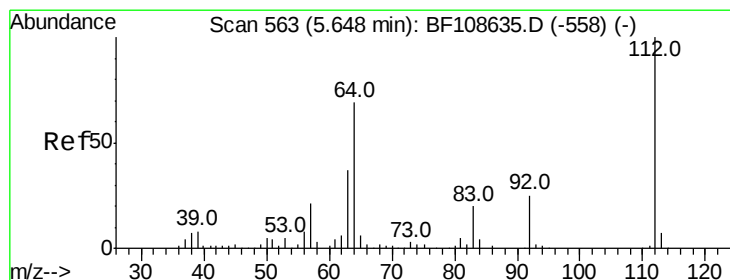
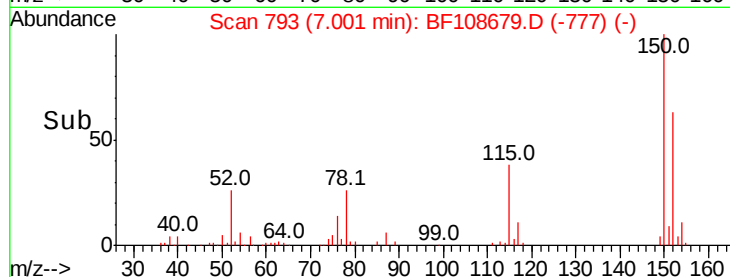
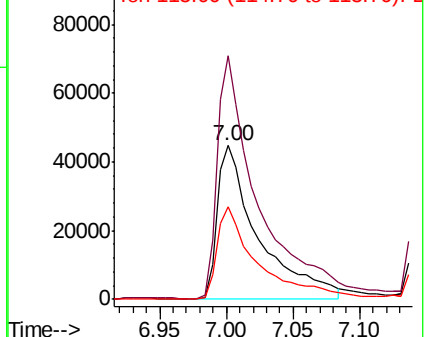
115 59.9 50.1 75.1



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: 4.060 ng

RT: 5.67 min Scan# 566

Delta R.T. 0.02 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

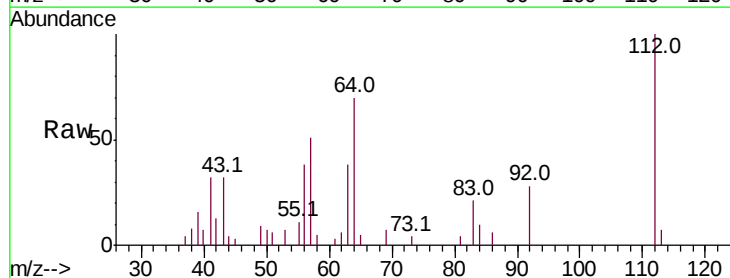
Tgt Ion:112 Resp: 22650

Ion Ratio Lower Upper

112 100

64 69.5 47.9 71.9

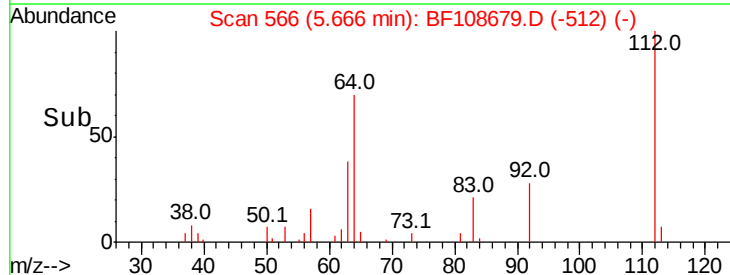
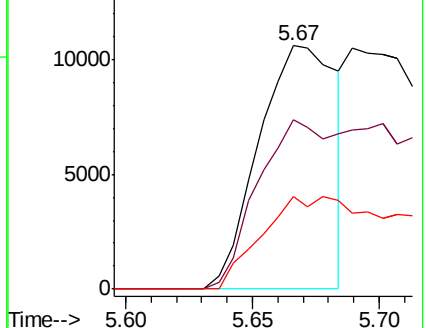
63 37.9 23.7 35.5#

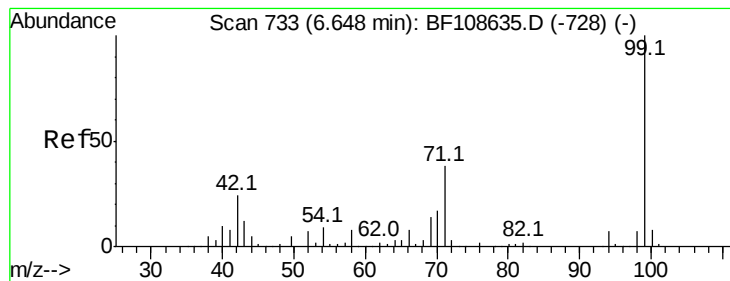


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 18.677 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

ClientSampled :

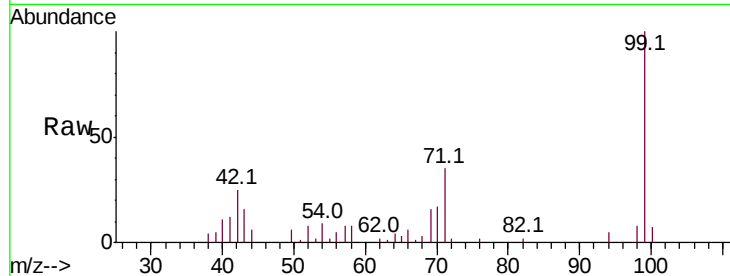
Tot Ion: 99 Resp: 149227

Ion Ratio Lower Upper

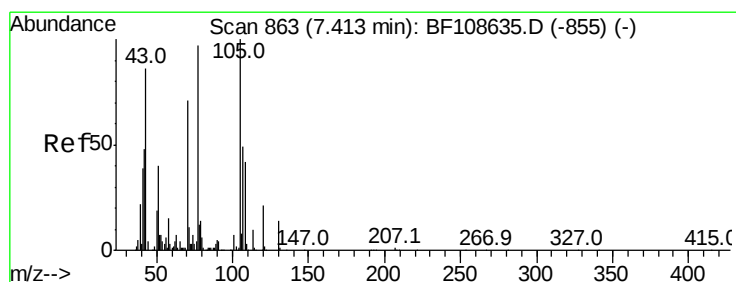
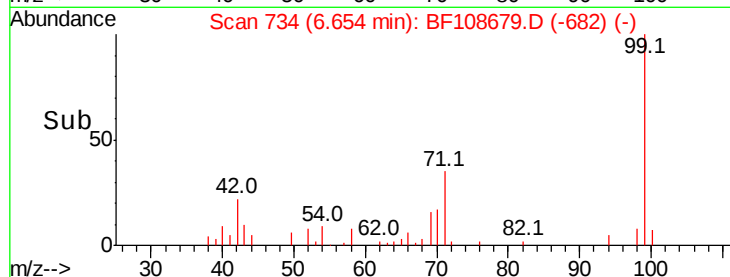
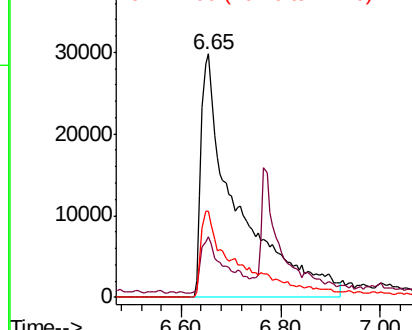
99 100

42 25.0 14.5 21.7#

71 35.4 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: 14.336 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Tgt Ion: 70 Resp: 76706

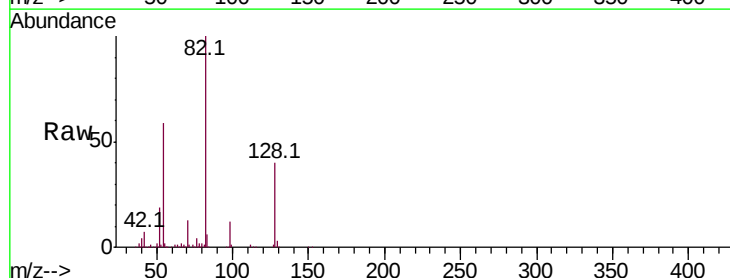
Ion Ratio Lower Upper

70 100

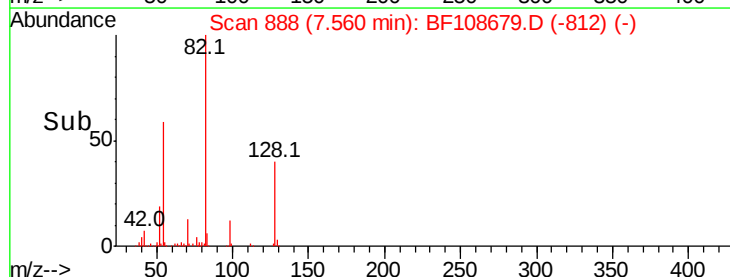
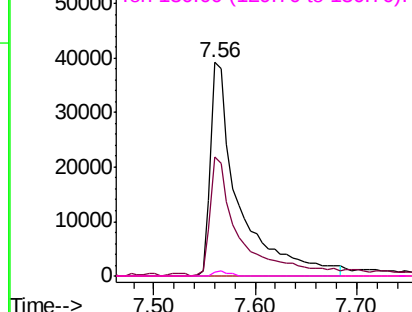
42 55.8 47.5 71.3

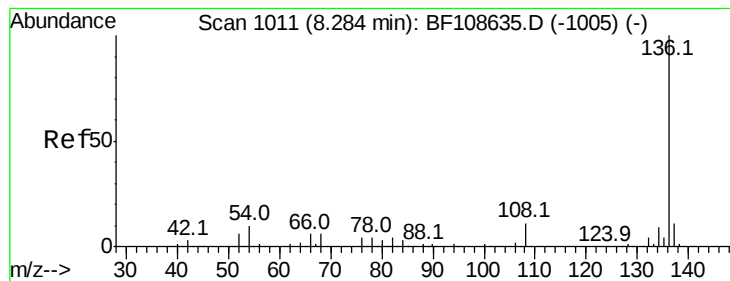
101 0.0 7.4 11.2#

130 2.0 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: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 392192

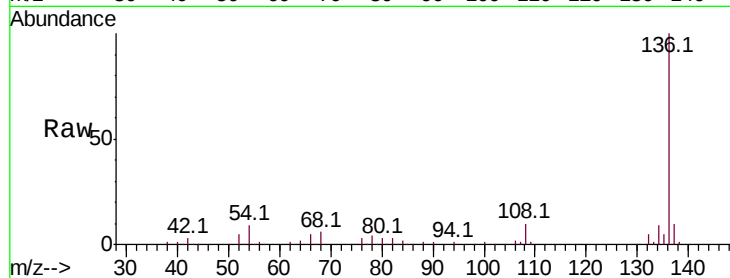
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 9.0 6.6 9.8

68 5.8 5.0 7.4

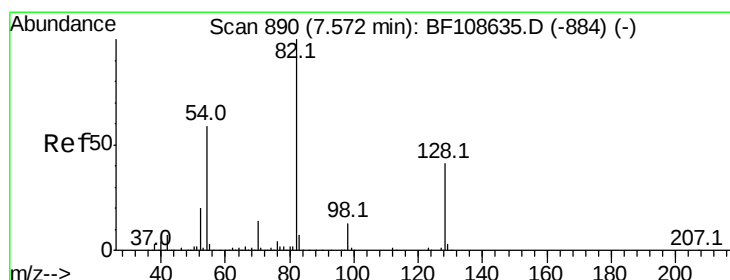
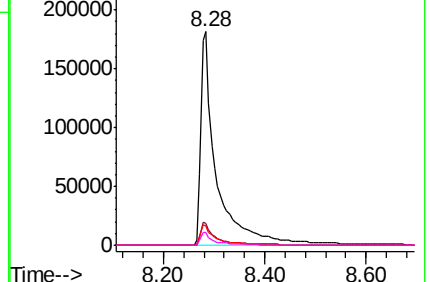
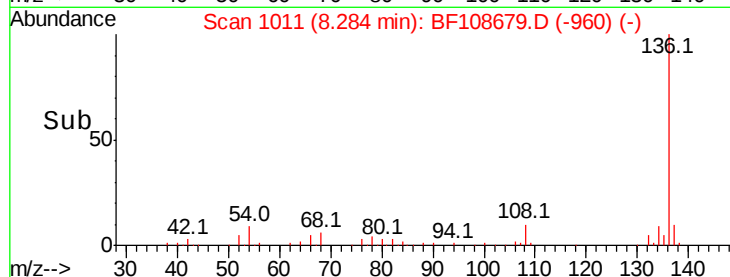


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.007 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

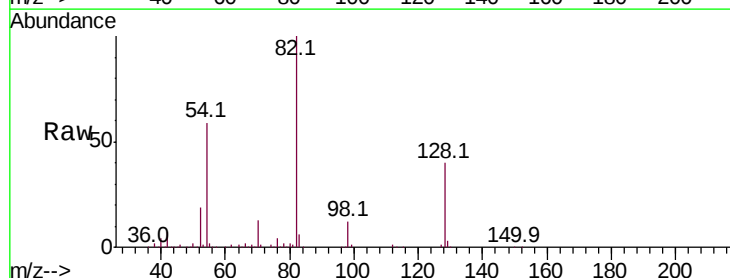
Tgt Ion: 82 Resp: 625911

Ion Ratio Lower Upper

82 100

128 39.5 36.1 54.1

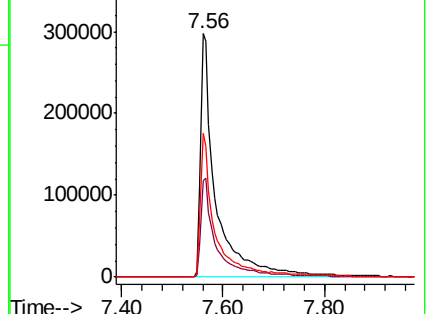
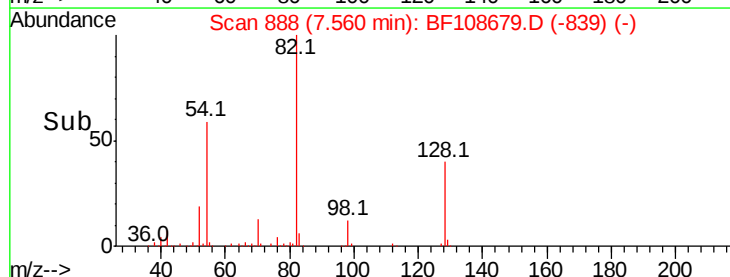
54 58.9 41.4 62.2

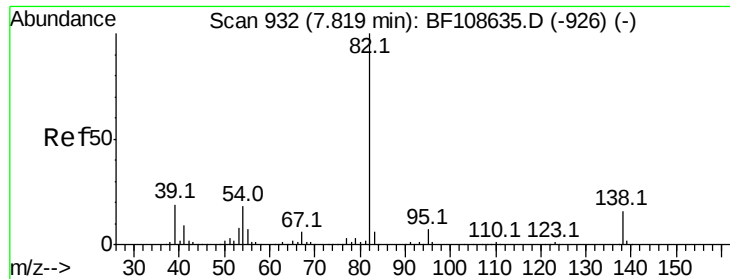


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

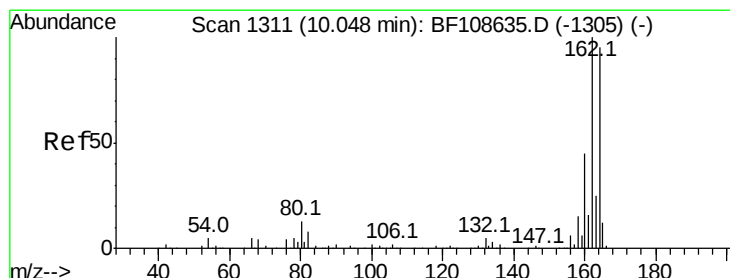
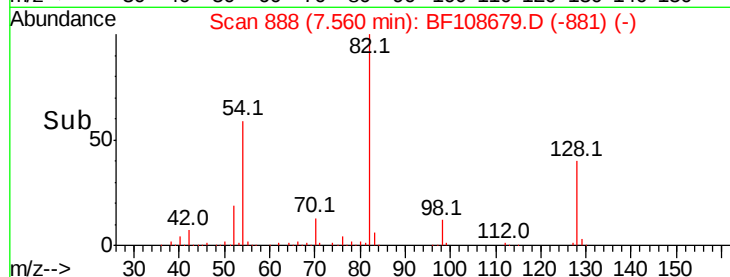
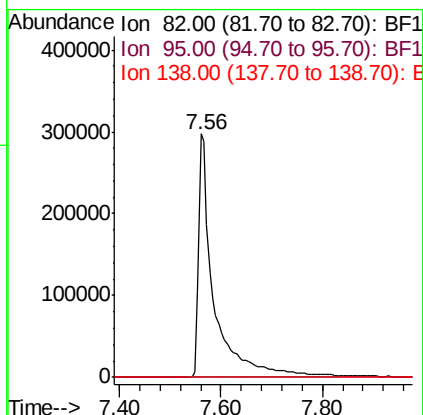
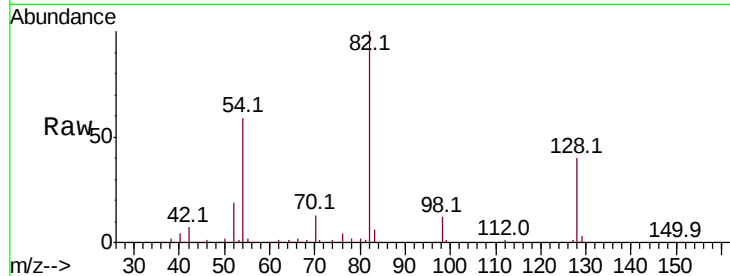




#25
Isophorone
Concen: 48.765 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.26 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

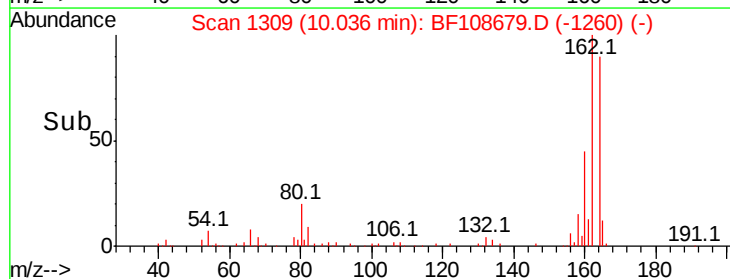
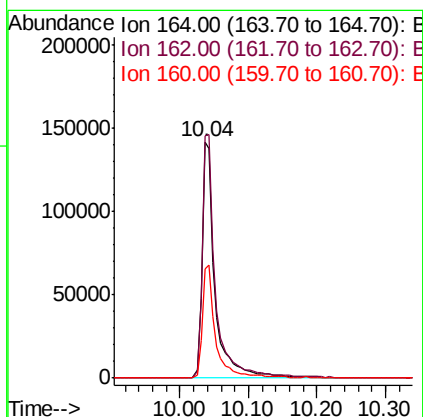
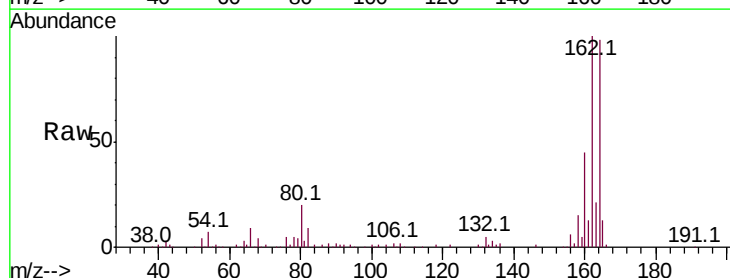
Instrument :
BNA_F
ClientSampleId :

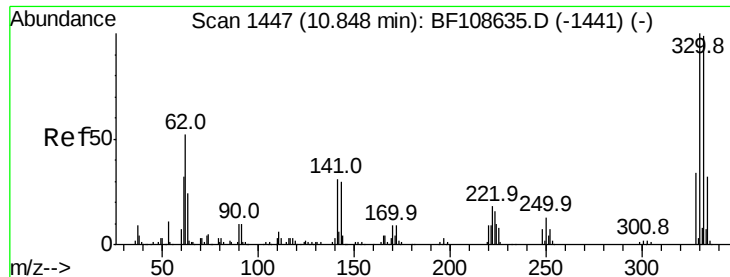
Tot Ion: 82 Resp: 625911
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Tgt Ion:164 Resp: 193213
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.9 38.3 57.5

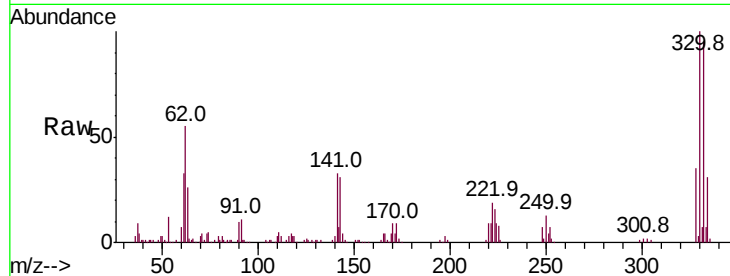




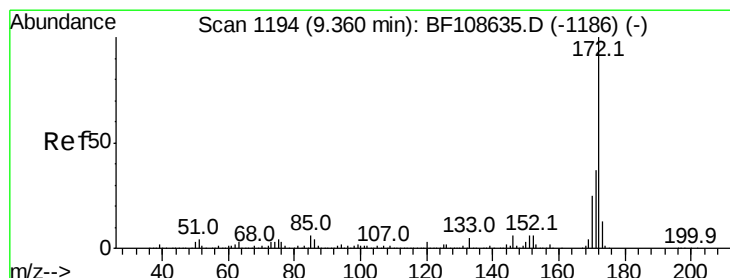
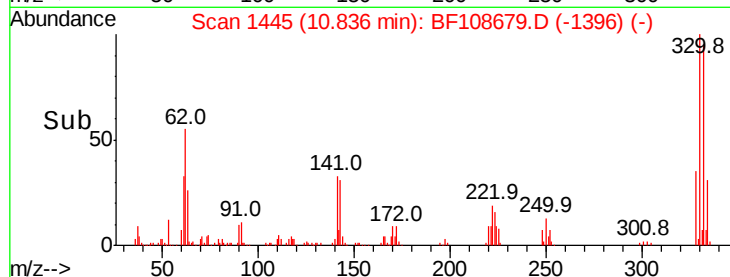
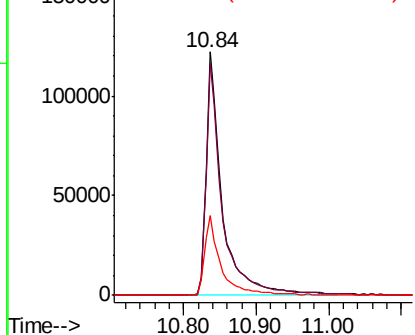
#41
 2,4,6-Tribromophenol
 Concen: 74.319 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108679.D
 Acq: 31 Aug 2018 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 189562
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 32.5 29.9 44.9

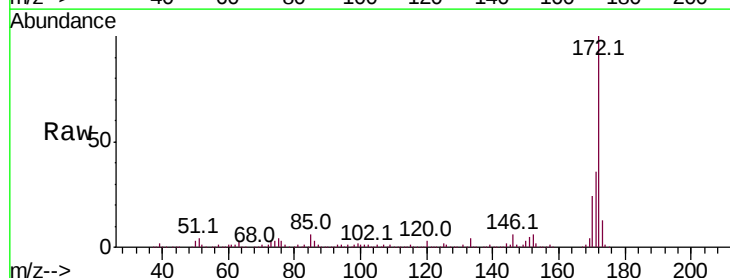


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

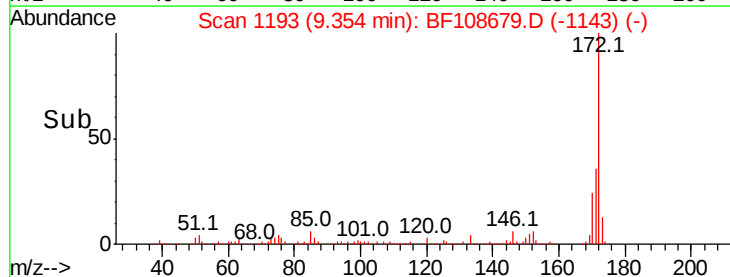
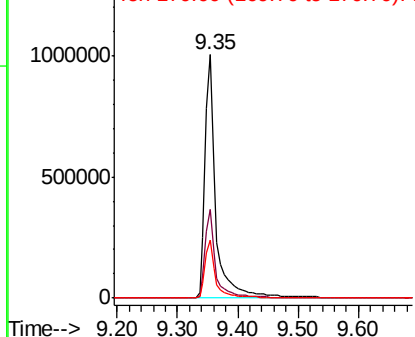


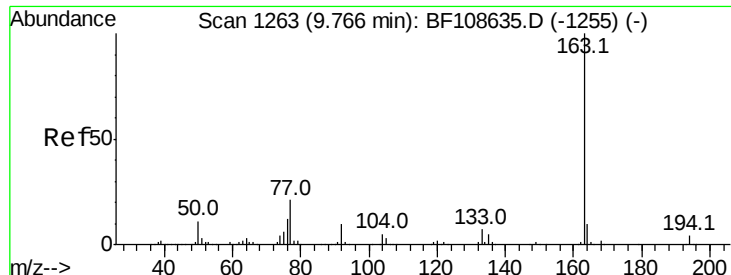
#44
 2-Fluorobiphenyl
 Concen: 87.924 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108679.D
 Acq: 31 Aug 2018 9:28

Tgt Ion:172 Resp: 1263445
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.7 44.5
 170 23.9 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

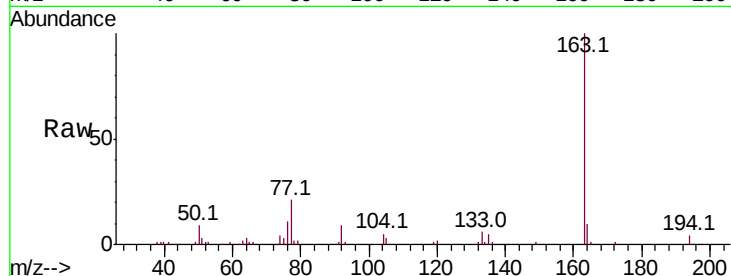




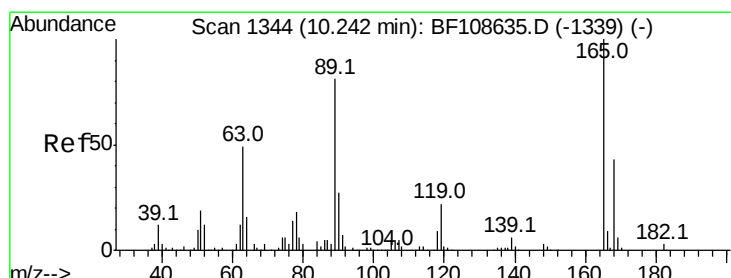
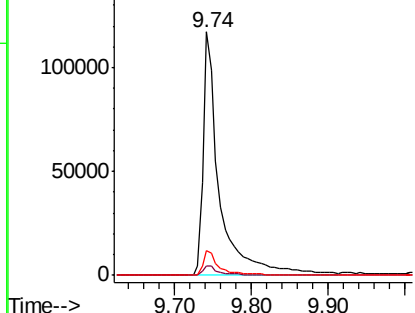
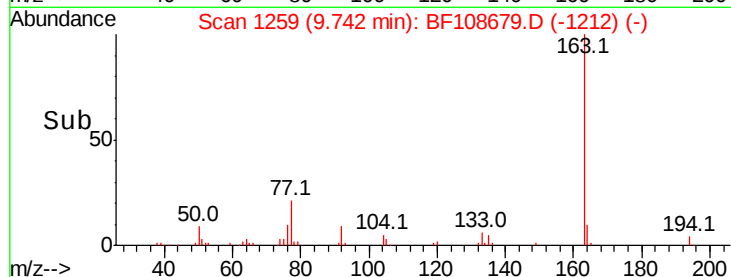
#49
Dimethylphthalate
Concen: 11.491 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

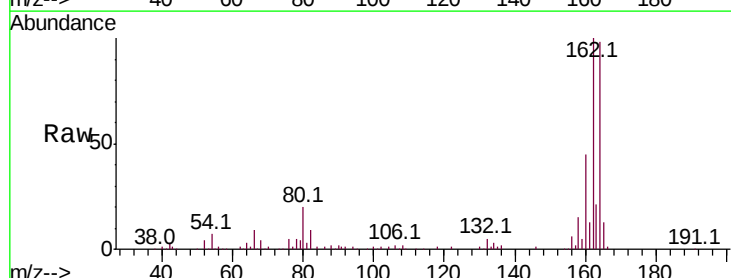


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

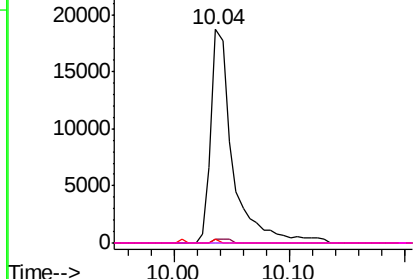
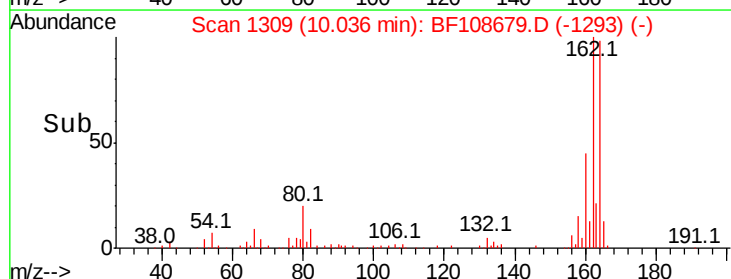


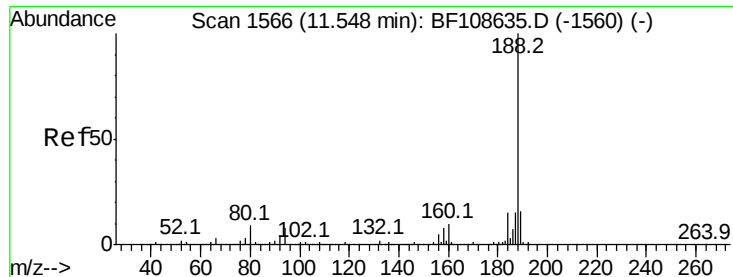
#56
2,4-Dinitrotoluene
Concen: 5.612 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



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

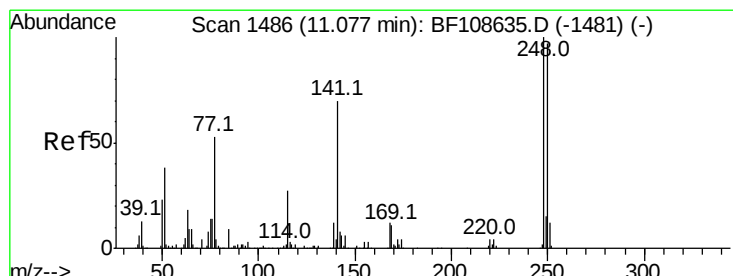
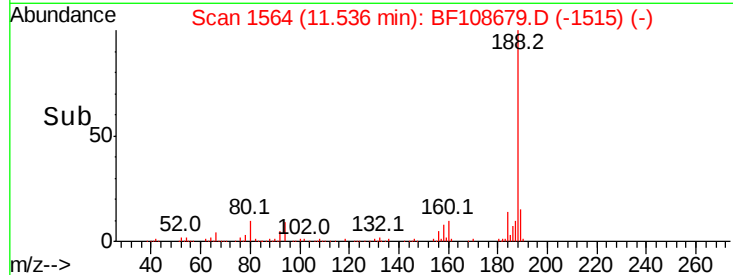
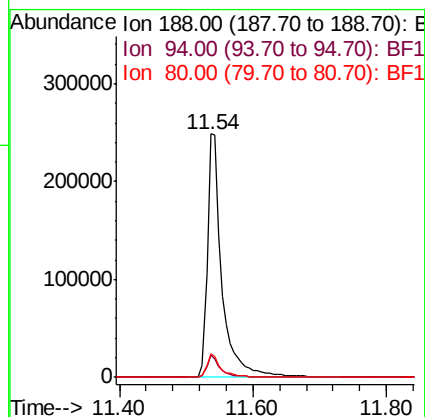
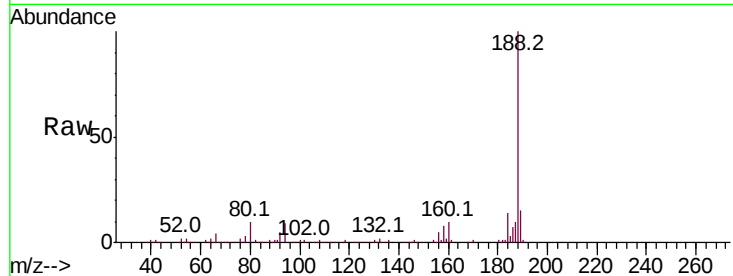




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

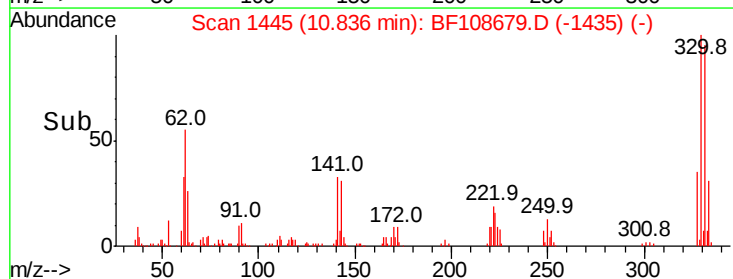
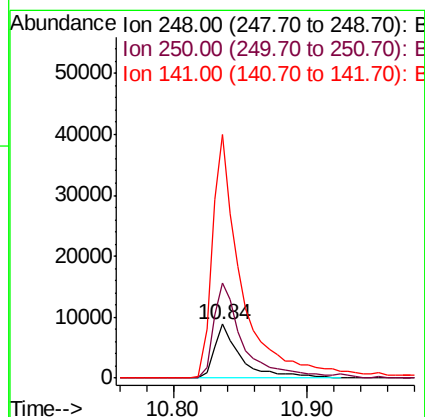
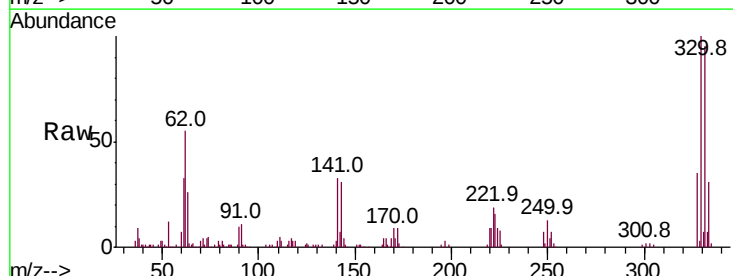
Instrument :
BNA_F
ClientSampleId :

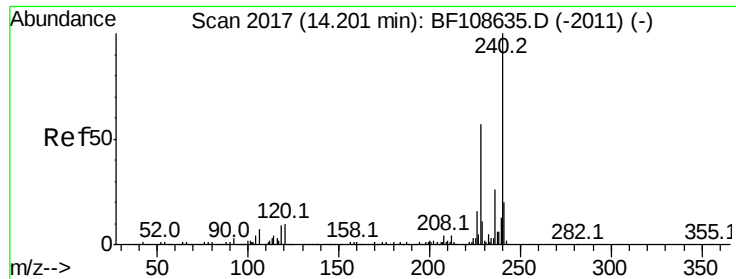
Tot Ion:188 Resp: 375161
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.680 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Tgt Ion:248 Resp: 12357
Ion Ratio Lower Upper
248 100
250 176.3 76.9 115.3#
141 453.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

Instrument :

BNA_F

ClientSampleId :

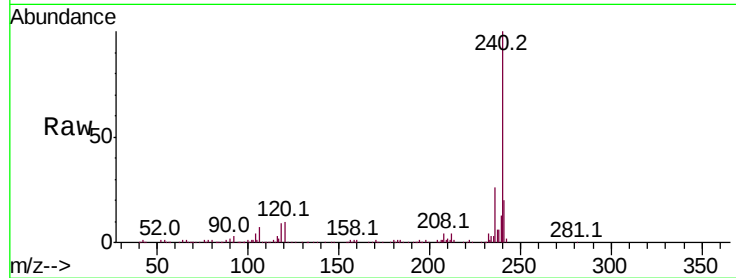
Tot Ion:240 Resp: 322654

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

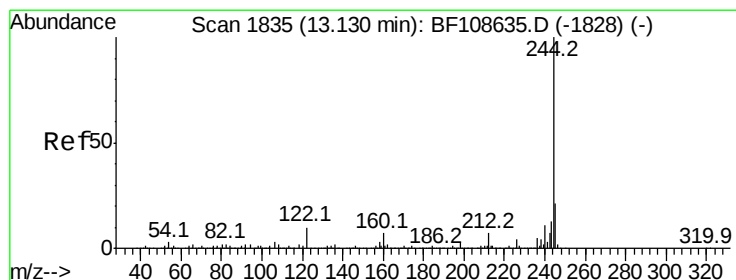
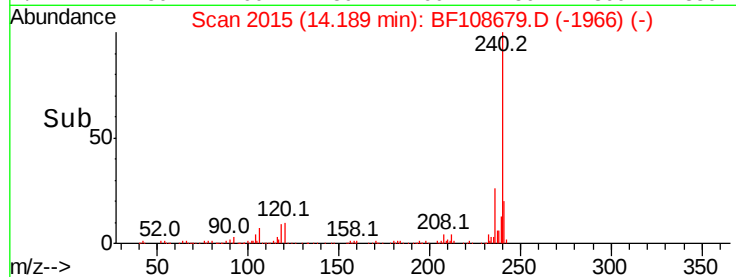
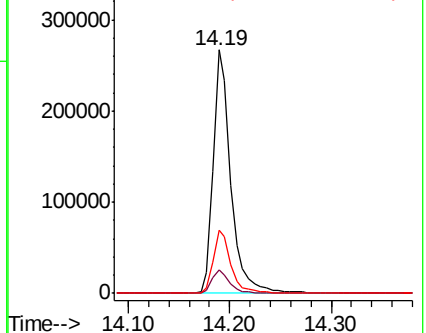
236 25.8 20.7 31.1



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: 73.407 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108679.D

Acq: 31 Aug 2018 9:28

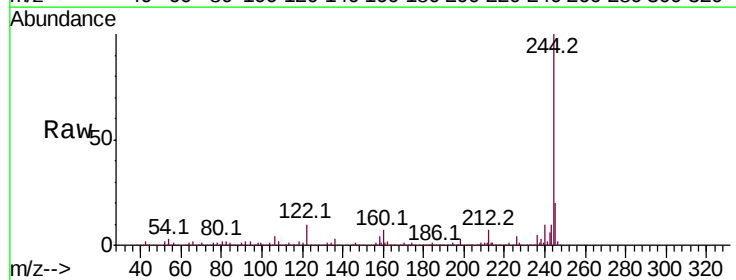
Tgt Ion:244 Resp: 1219033

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

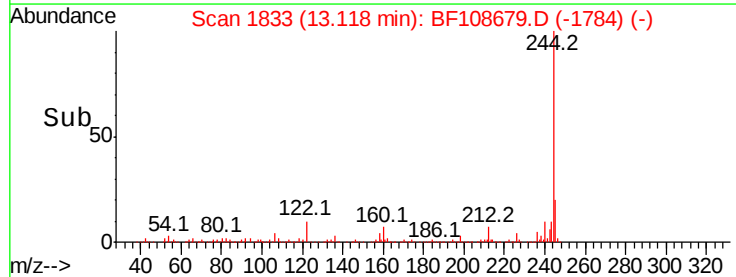
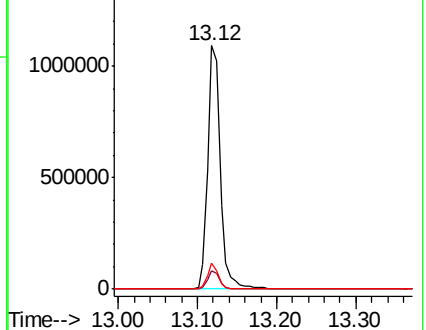
122 10.4 11.0 16.4#

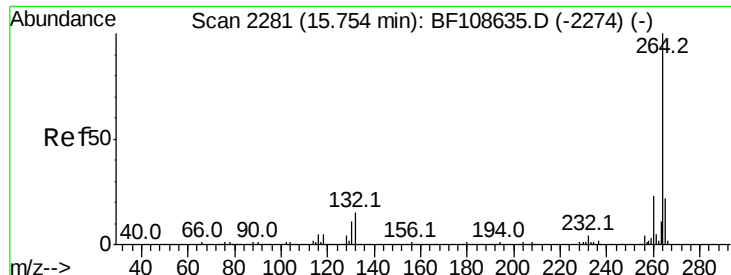


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108679.D
Acq: 31 Aug 2018 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	17.5	26.3

