

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108653.D
 Acq On : 30 Aug 2018 21:12
 Operator : JU/SJ
 Sample : J4282-19 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:12:25 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

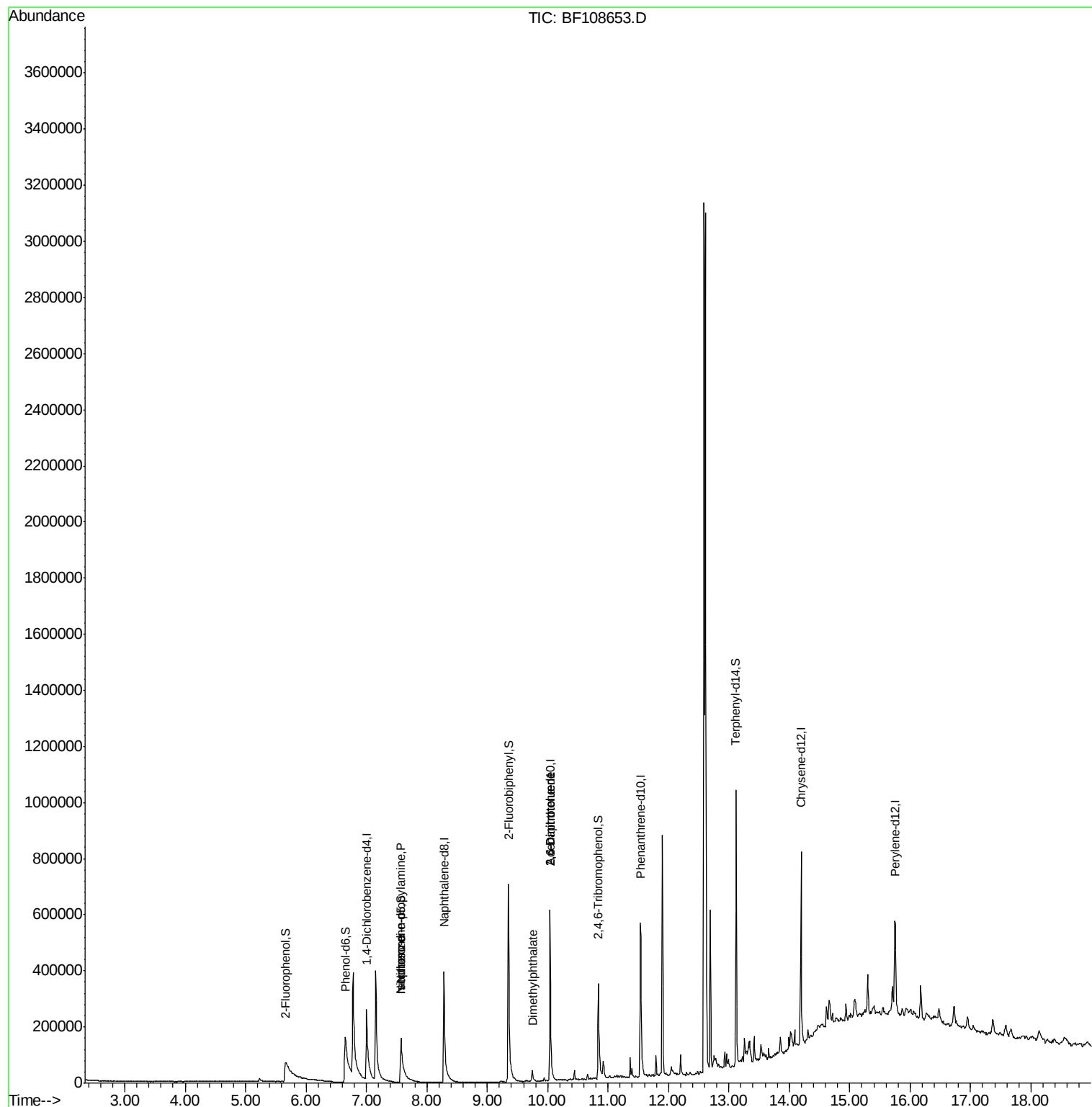
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	81859	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	354967	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	159007	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	293691	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	285339	20.00	ng	0.00
86) Perylene-d12	15.75	264	214486	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	101832	21.61	ng	0.02
7) Phenol-d6	6.65	99	267327	39.61	ng	0.00
23) Nitrobenzene-d5	7.57	82	183255	26.20	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	71171	33.91	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	362106	30.62	ng	0.00
78) Terphenyl-d14	13.12	244	356766	24.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	21065	4.661	ng	# 85
25) Isophorone	7.57	82	183255	15.775	ng	# 64
49) Dimethylphthalate	9.75	163	28551	2.280	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	20175	7.310	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	20300	5.555	ng	# 23

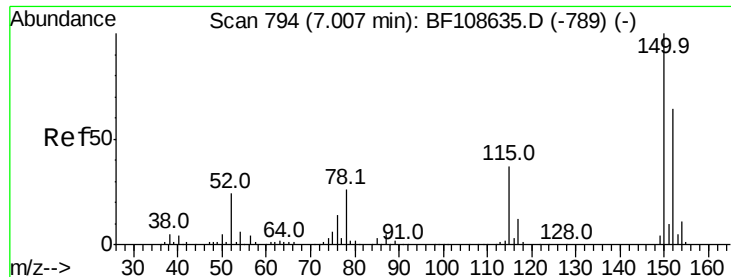
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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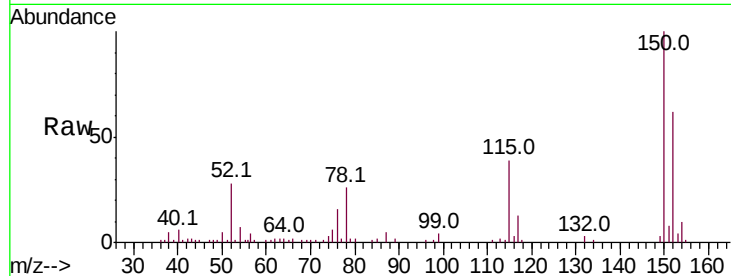


#1

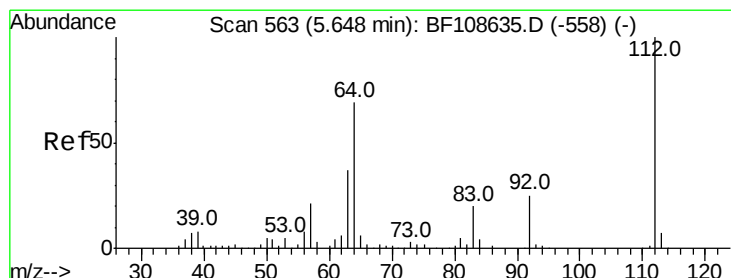
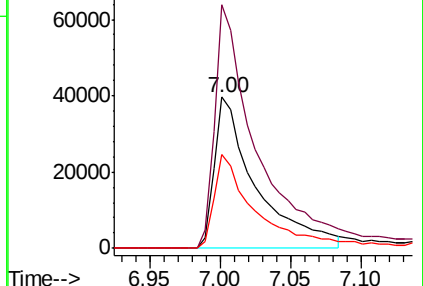
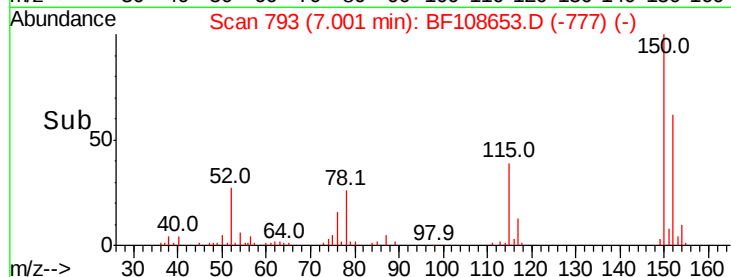
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	124.6	186.8
115	62.2	50.1	75.1



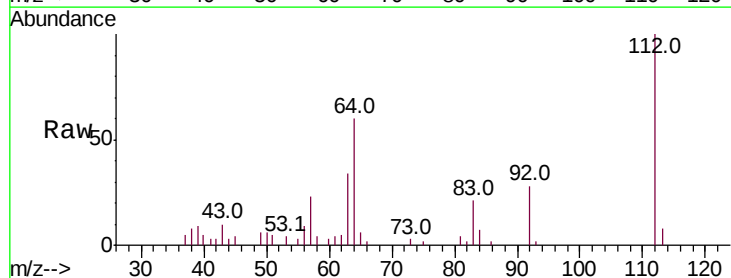
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



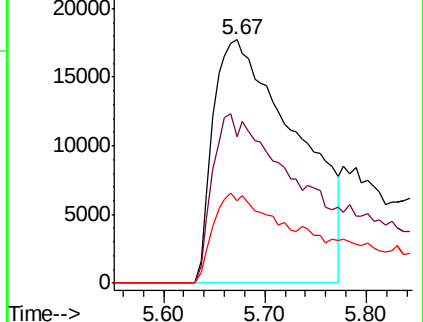
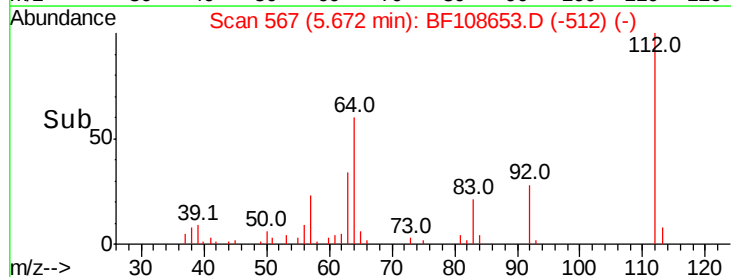
#5

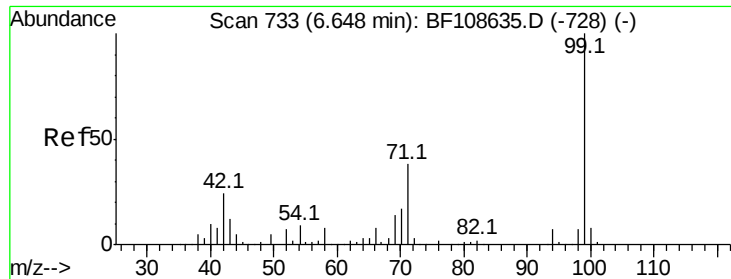
2-Fluorophenol
Concen: 21.611 ng
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	33.6	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: 39.610 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

Instrument :

BNA_F

ClientSampleId :

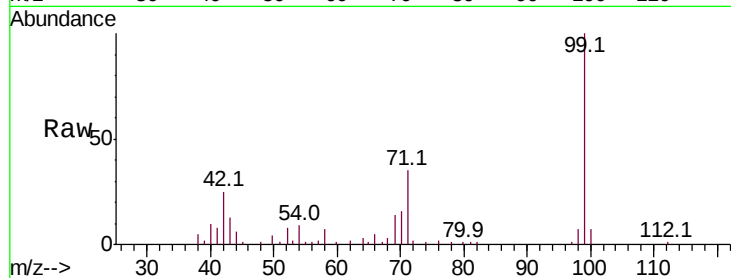
Tot Ion: 99 Resp: 267327

Ion Ratio Lower Upper

99 100

42 24.7 14.5 21.7#

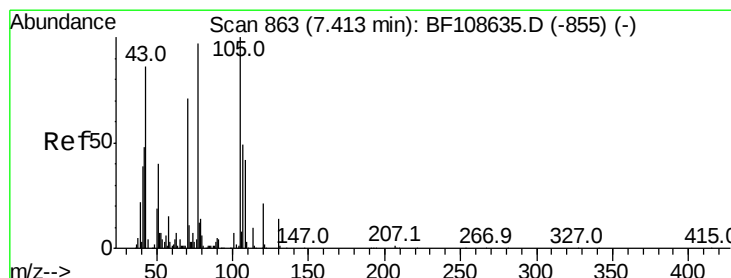
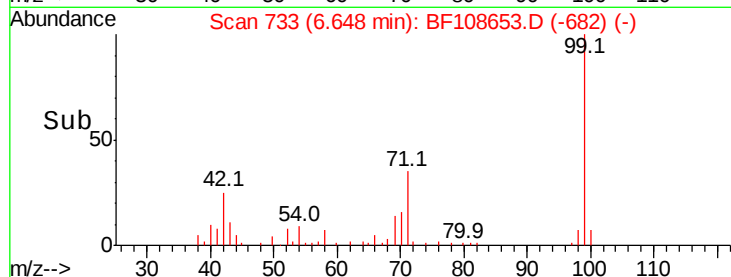
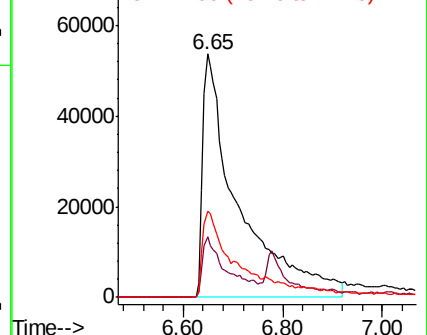
71 35.4 25.4 38.0



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: 4.661 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

Tgt Ion: 70 Resp: 21065

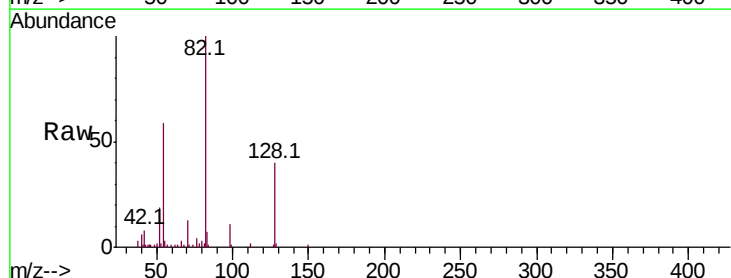
Ion Ratio Lower Upper

70 100

42 61.9 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

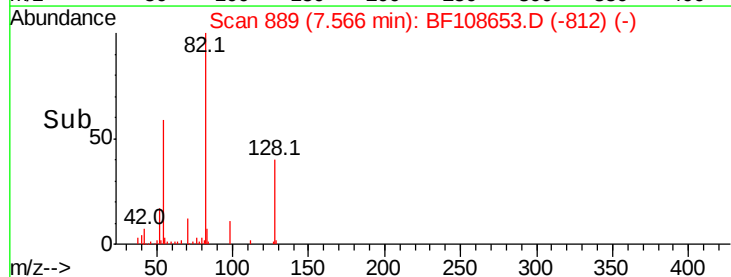
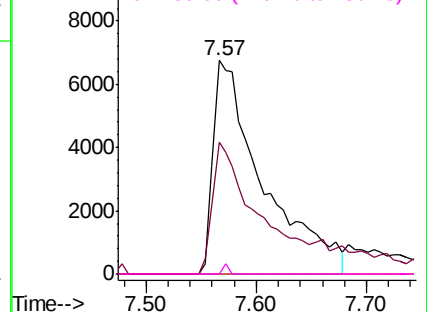


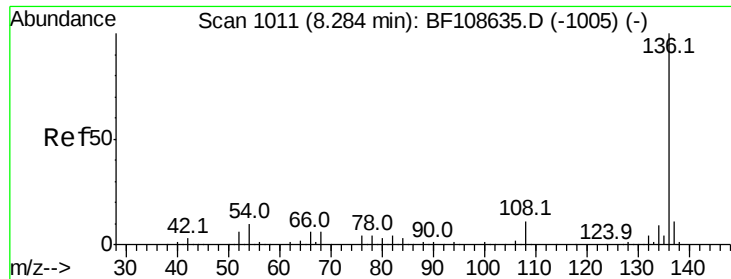
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

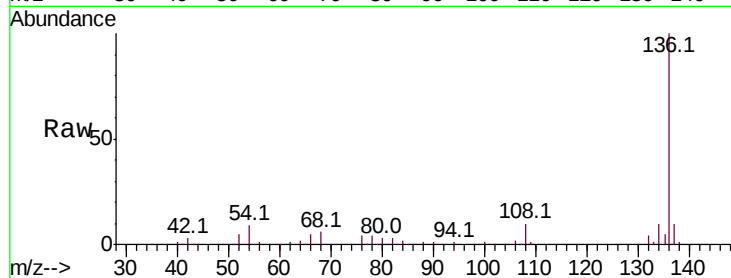




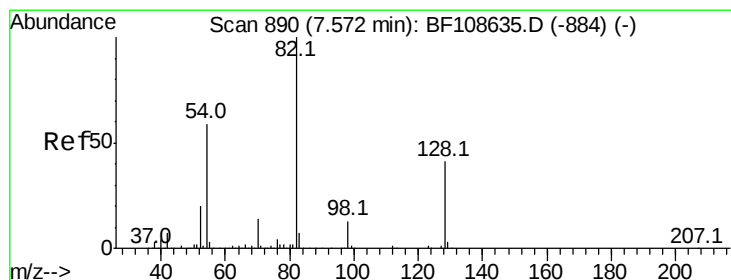
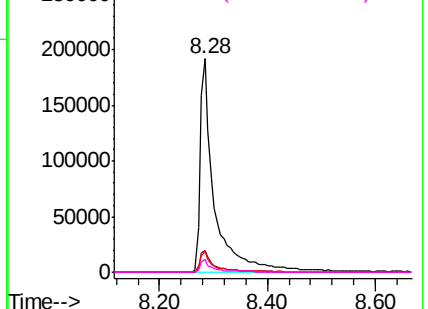
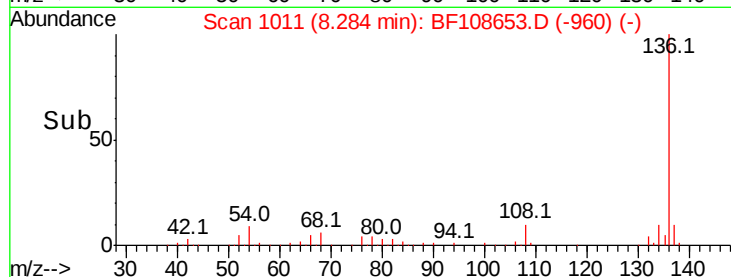
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	354967
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.9	13.3
54 9.4	6.6	9.8
68 5.8	5.0	7.4

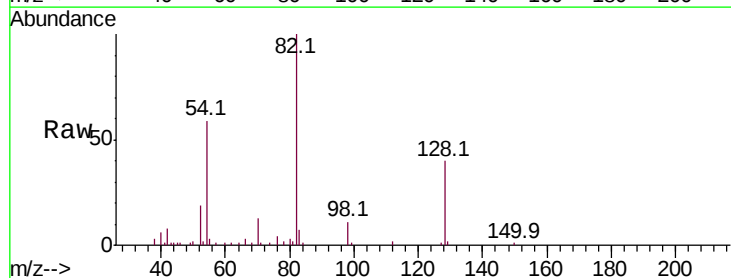


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

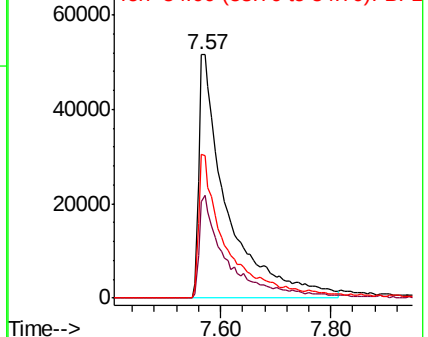
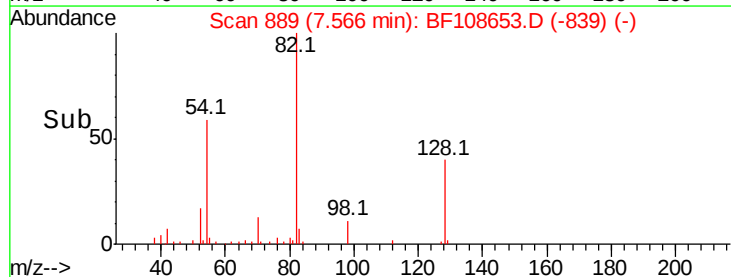


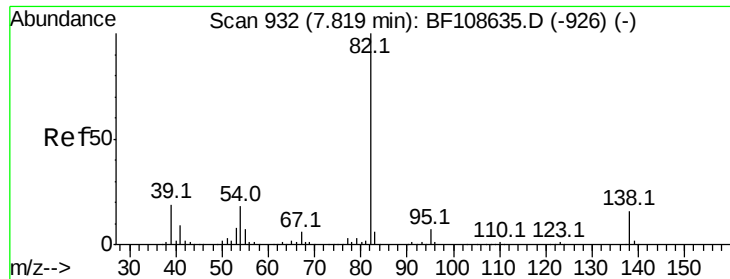
#23
Nitrobenzene-d5
Concen: 26.205 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Tgt	Ion: 82	Resp:	183255
Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.1	54.1
54	59.1	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

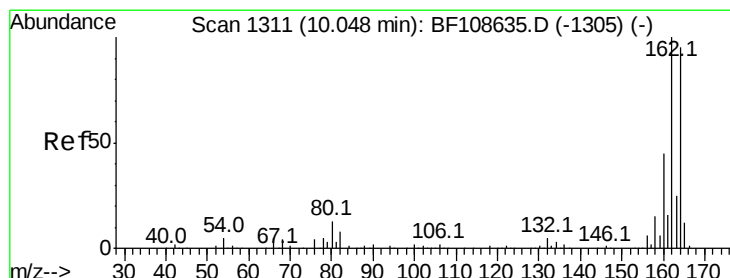
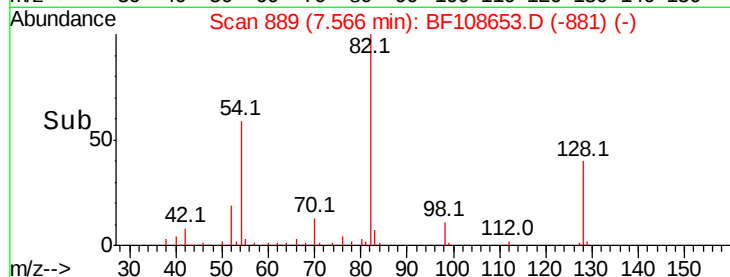
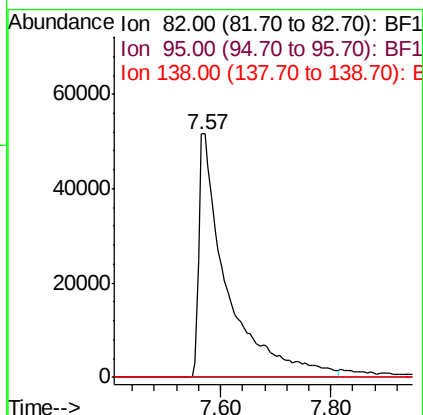
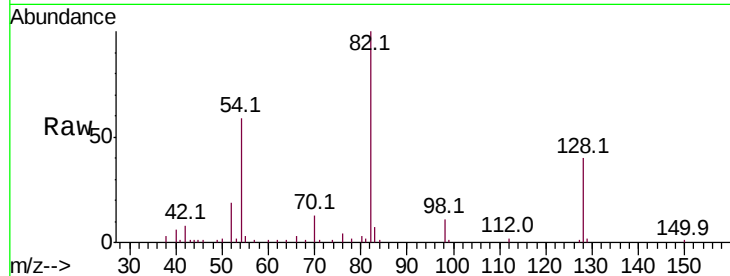




#25
Isophorone
Concen: 15.775 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

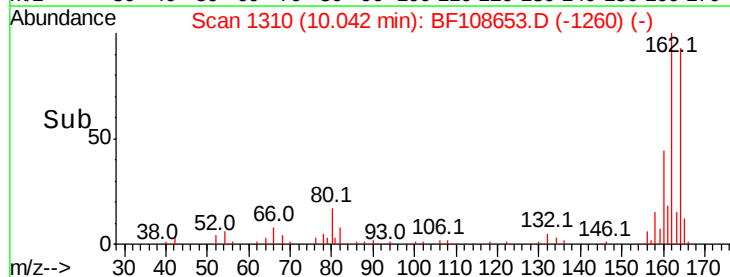
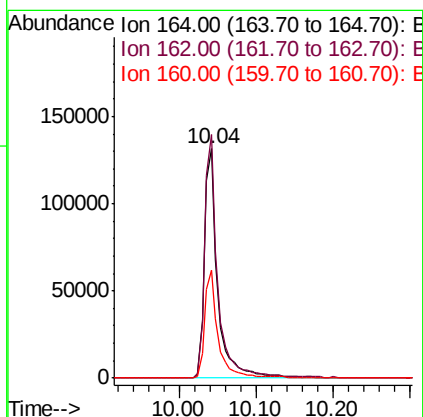
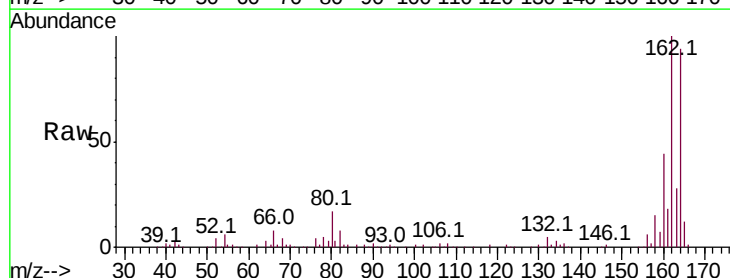
Instrument :
BNA_F
ClientSampleId :

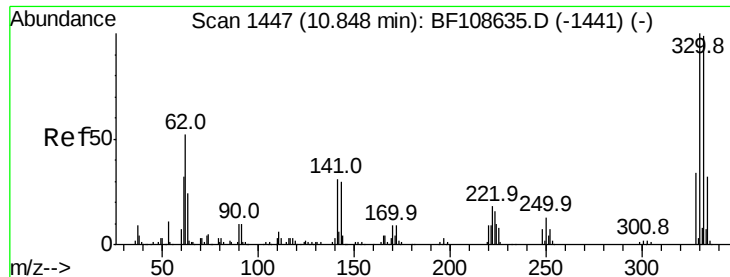
Tot Ion: 82 Resp: 183255
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Tgt Ion:164 Resp: 159007
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 46.9 38.3 57.5

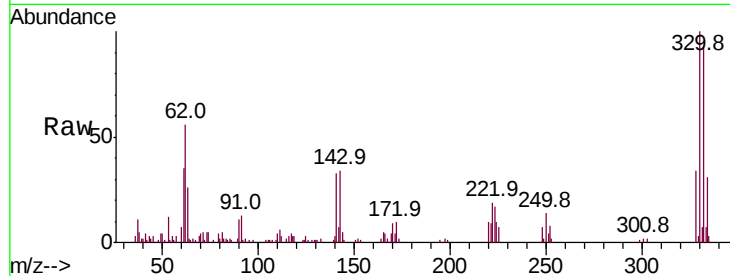




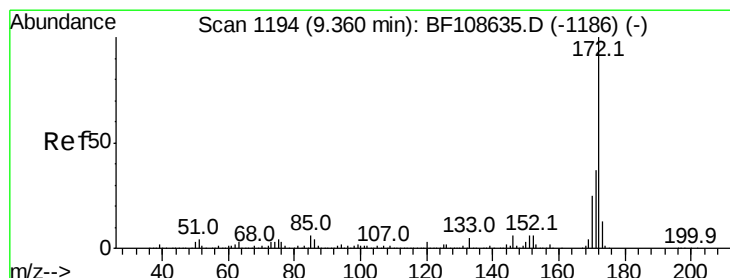
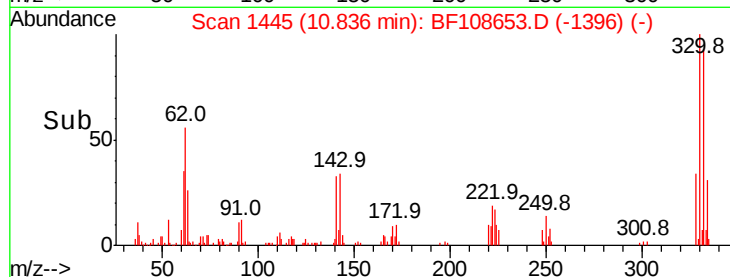
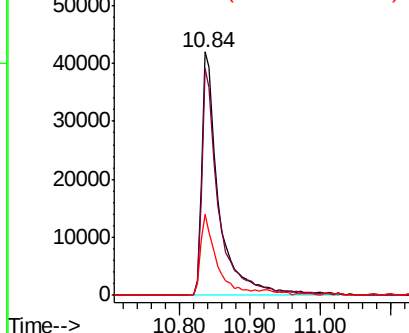
#41
 2,4,6-Tribromophenol
 Concen: 33.906 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108653.D
 Acq: 30 Aug 2018 21:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 71171
 Ion Ratio Lower Upper
 330 100
 332 92.6 77.0 115.6
 141 31.0 29.9 44.9

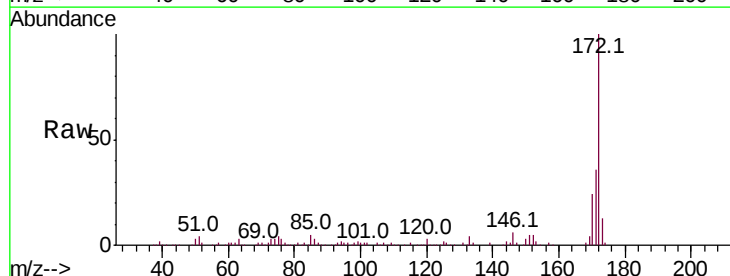


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

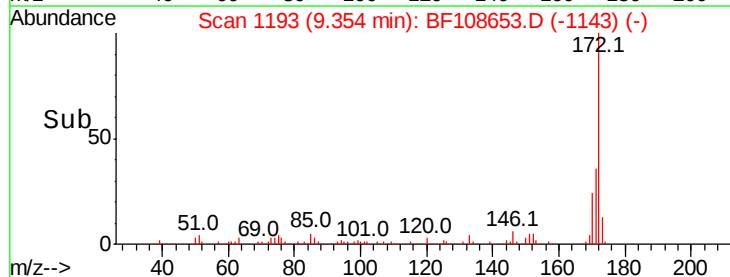
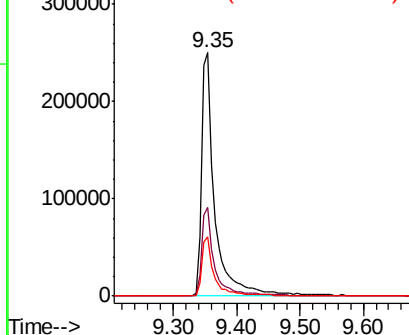


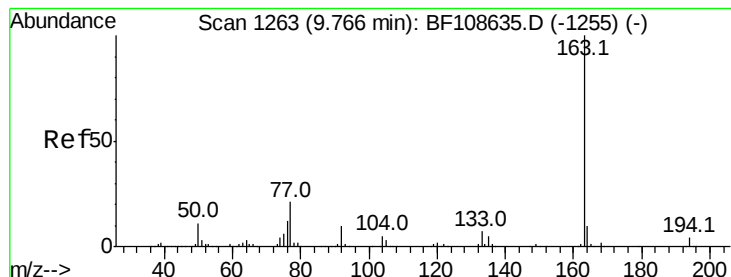
#44
 2-Fluorobiphenyl
 Concen: 30.620 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108653.D
 Acq: 30 Aug 2018 21:12

Tgt Ion:172 Resp: 362106
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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: 2.280 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

Instrument :

BNA_F

ClientSampleId :

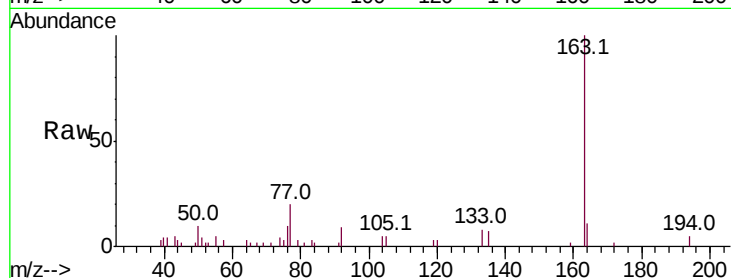
Tot Ion:163 Resp: 28551

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

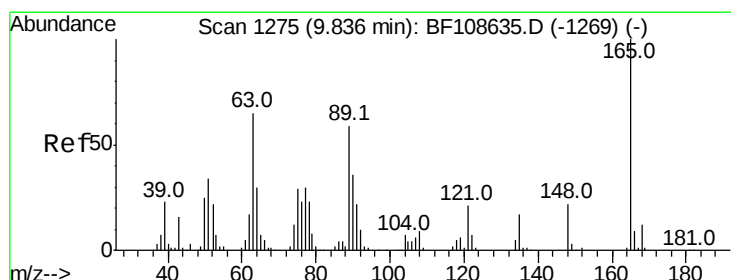
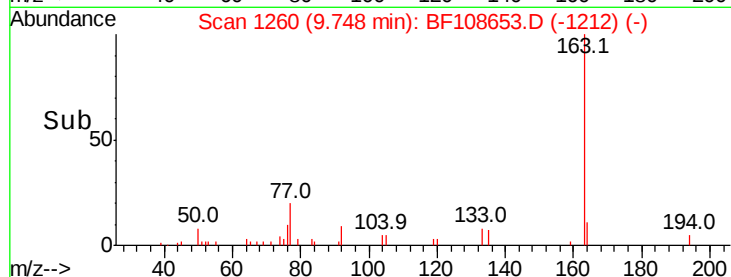
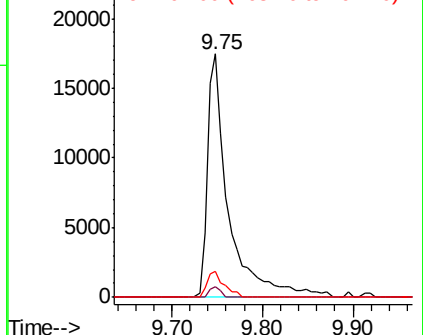
164 10.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.310 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

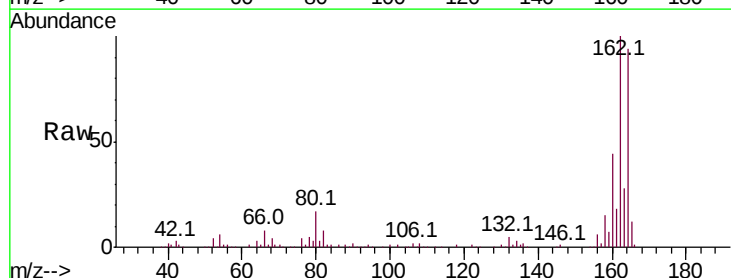
Tgt Ion:165 Resp: 20175

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

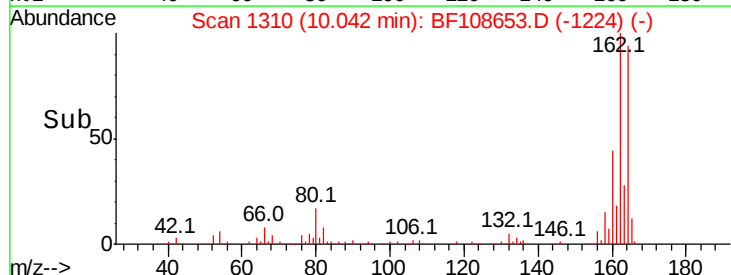
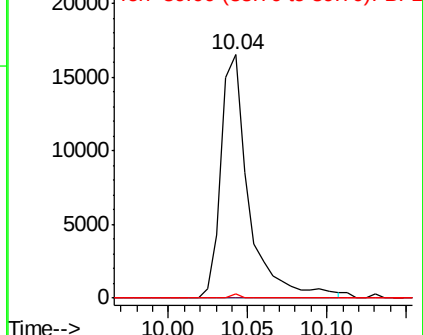
89 1.9 44.0 66.0#

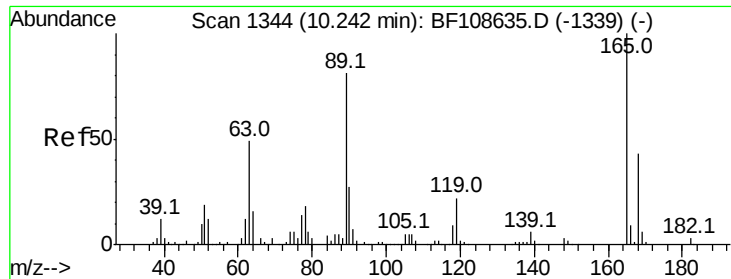


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

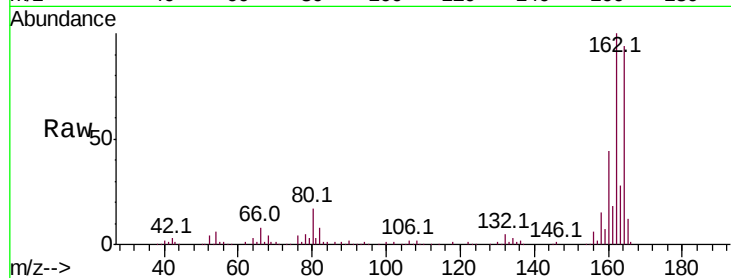




#56
2,4-Dinitrotoluene
Concen: 5.555 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.20 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



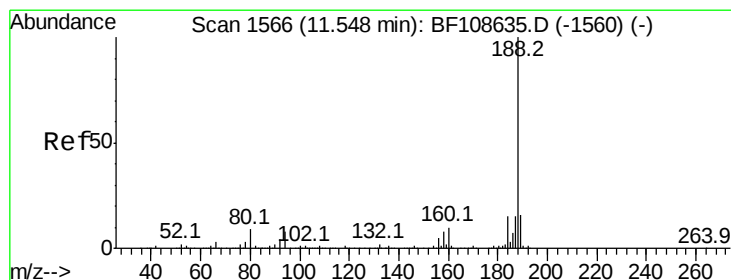
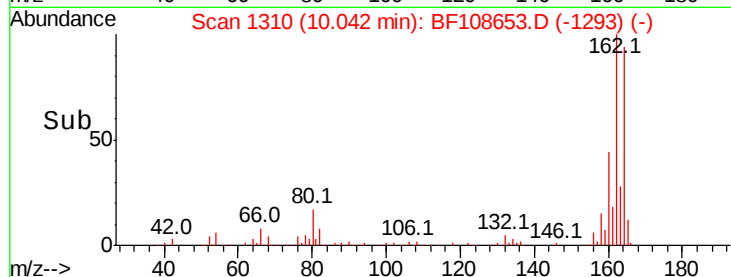
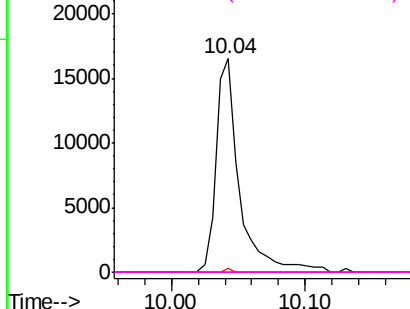
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

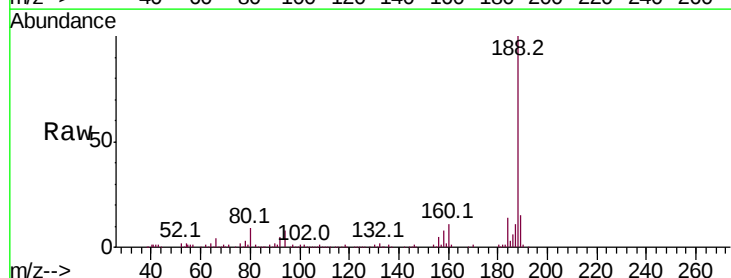
Ion 89.00 (88.70 to 89.70): BF1

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: BF108653.D
Acq: 30 Aug 2018 21:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7#
80	9.3	9.2	13.8

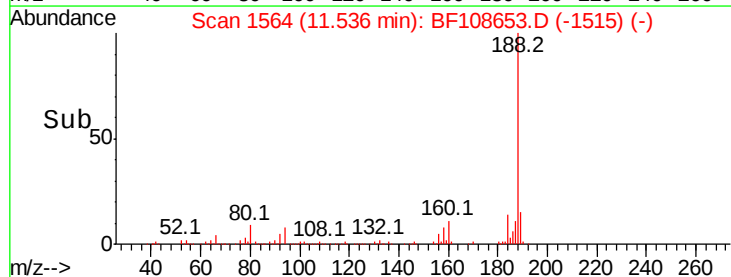
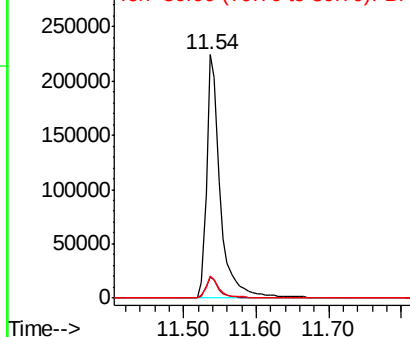


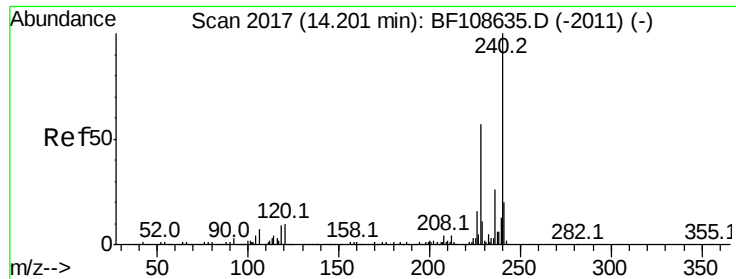
Abundance

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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

Instrument :

BNA_F

ClientSampleId :

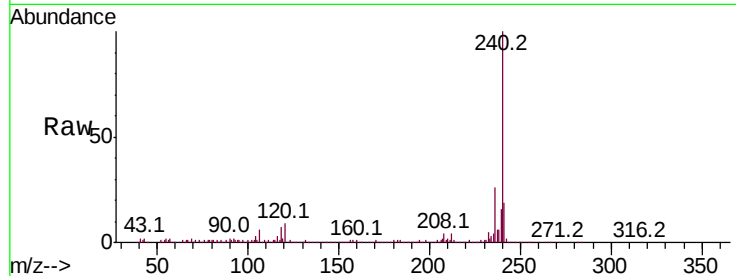
Tot Ion:240 Resp: 285339

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

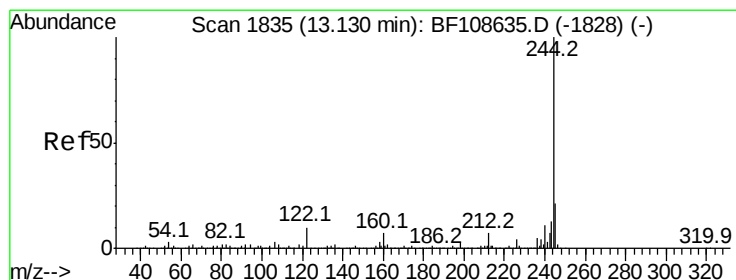
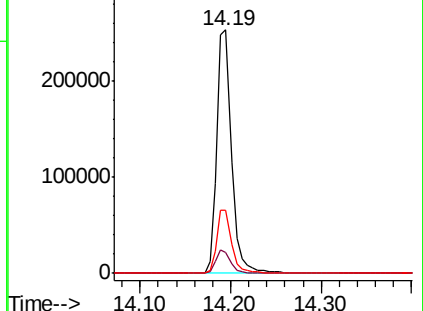
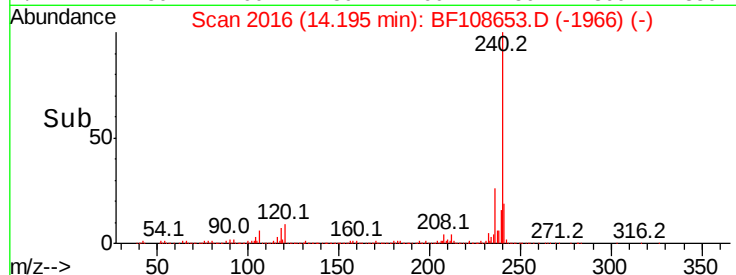
236 26.0 20.7 31.1



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: 24.293 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108653.D

Acq: 30 Aug 2018 21:12

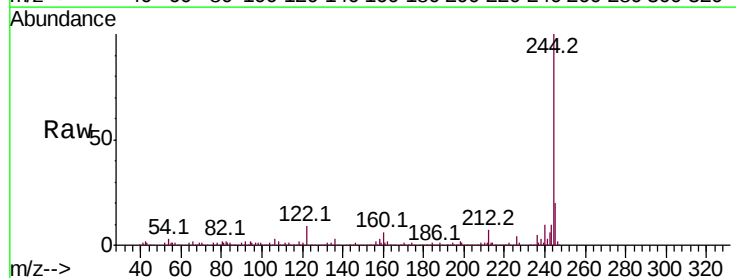
Tgt Ion:244 Resp: 356766

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

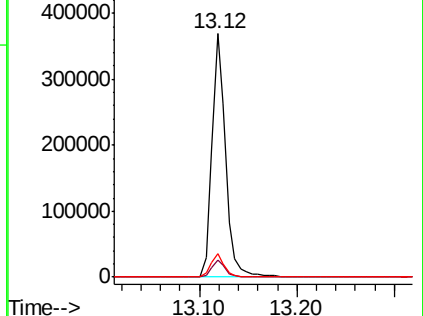
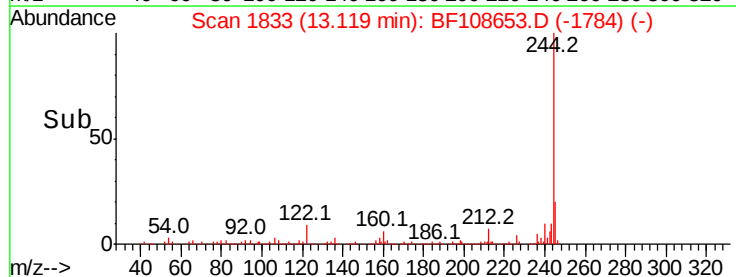
122 9.4 11.0 16.4#

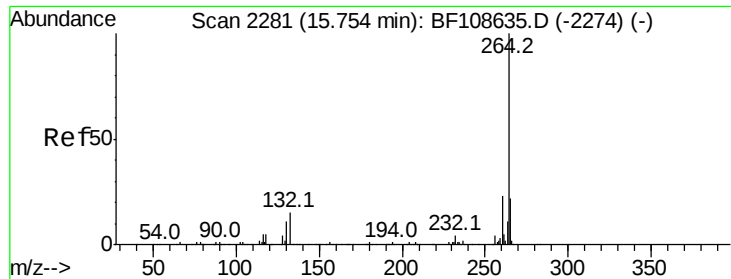


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

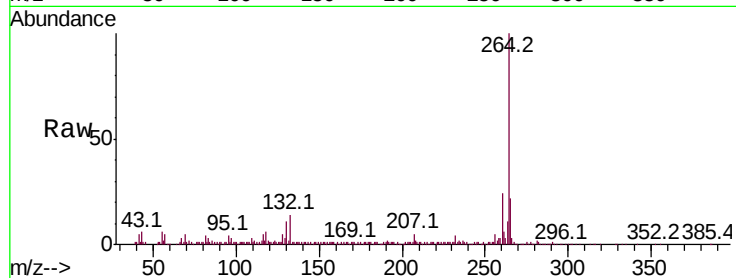




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108653.D
Acq: 30 Aug 2018 21:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

