

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108658.D
 Acq On : 30 Aug 2018 23:27
 Operator : JU/SJ
 Sample : J4692-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:14:08 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

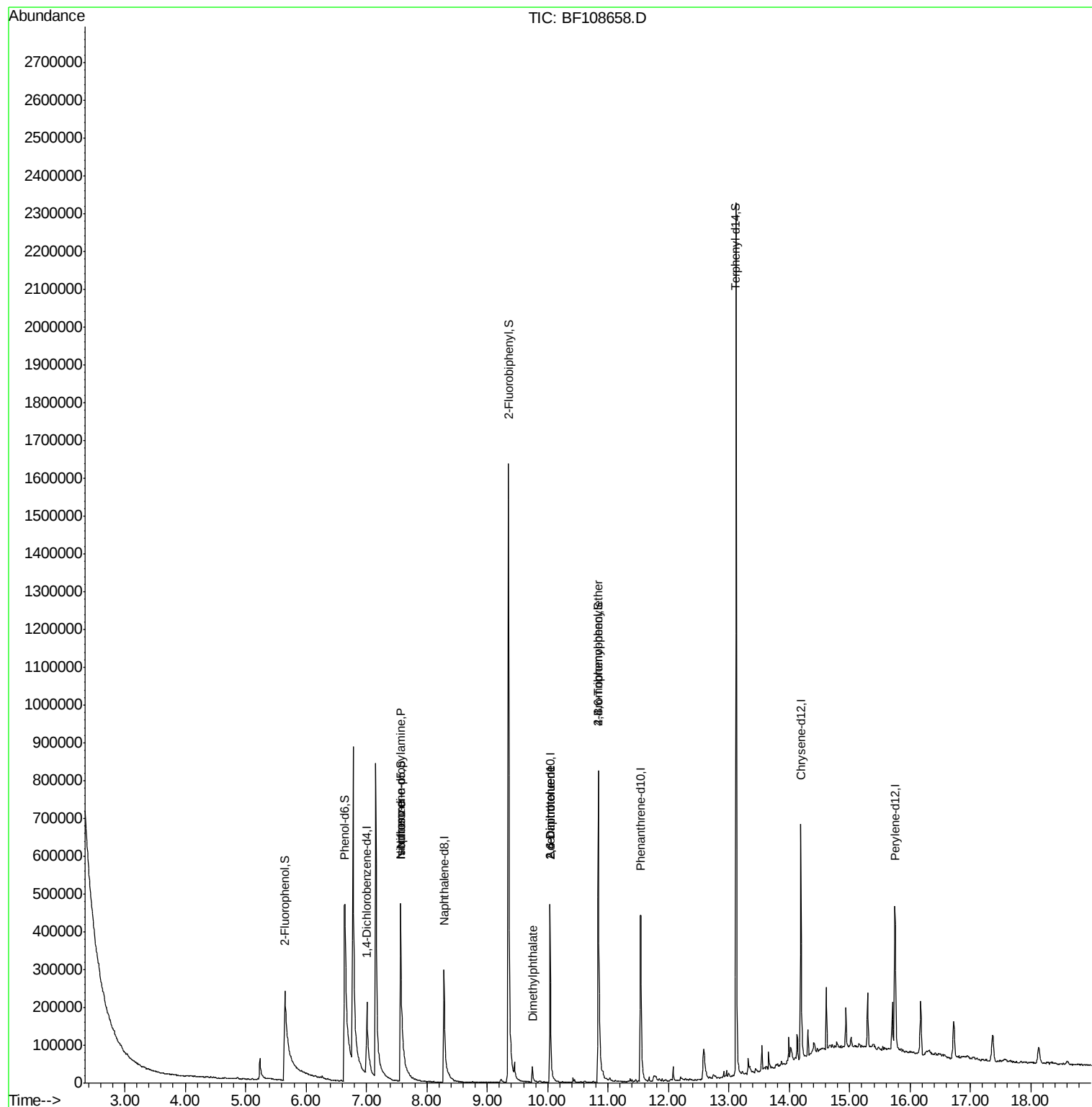
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	70421	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	280869	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	131860	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	266010	20.00	ng	0.00
75) Chrysene-d12	14.20	240	276338	20.00	ng	0.00
86) Perylene-d12	15.75	264	227506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	331329	81.74	ng	0.00
7) Phenol-d6	6.64	99	573151	98.72	ng	0.00
23) Nitrobenzene-d5	7.57	82	379447	68.57	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	154382	88.69	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	771924	78.71	ng	0.00
78) Terphenyl-d14	13.12	244	892332	62.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	45641	11.739	ng	# 85
25) Isophorone	7.57	82	385729	41.964	ng	# 64
49) Dimethylphthalate	9.75	163	33936	3.268	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	16774	7.329	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	16774	5.535	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	9896	3.027	ng	# 1

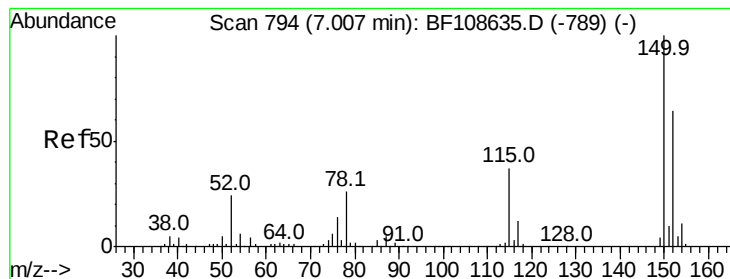
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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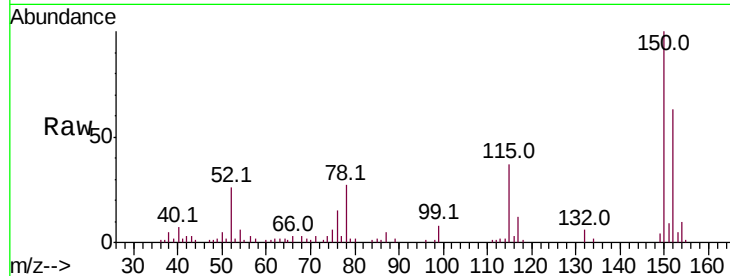


#1

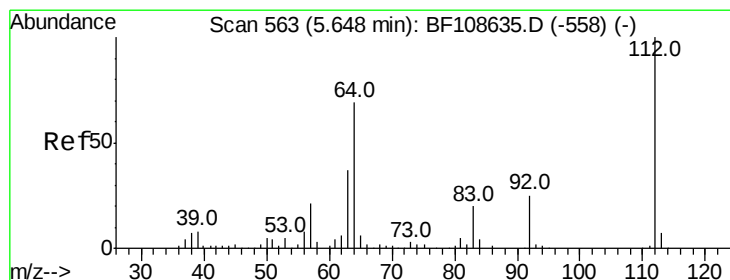
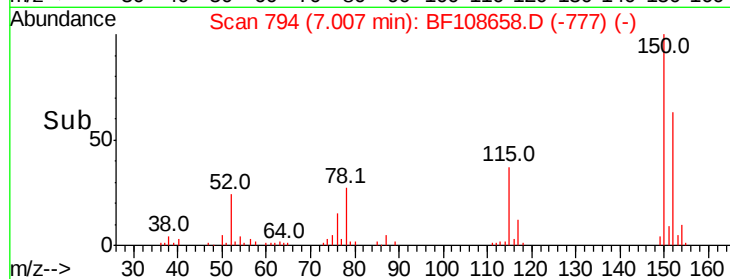
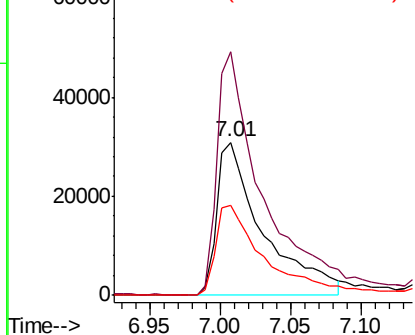
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70421
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 58.5 50.1 75.1



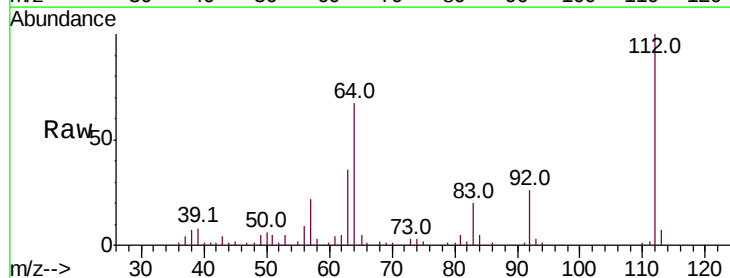
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



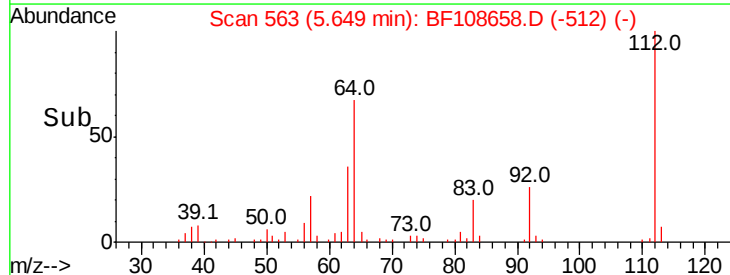
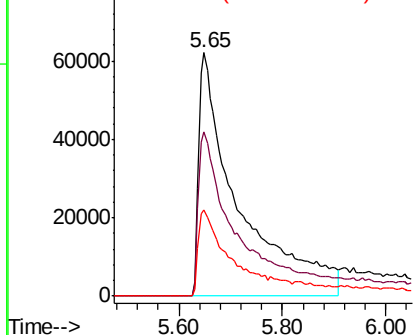
#5

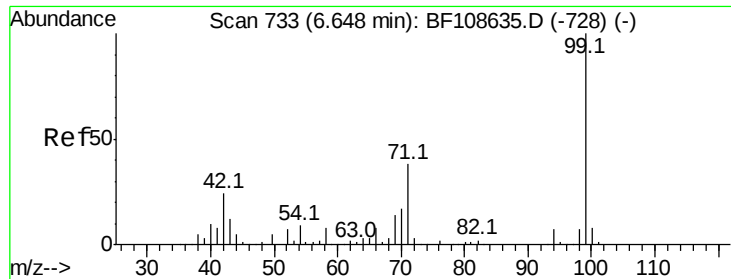
2-Fluorophenol
Concen: 81.735 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.00 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Tgt Ion:112 Resp: 331329
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.5 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: 98.718 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

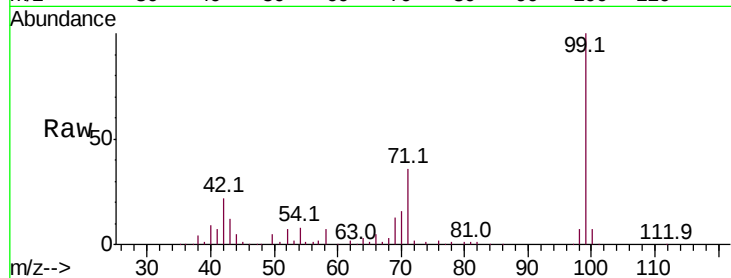
Instrument :

BNA_F

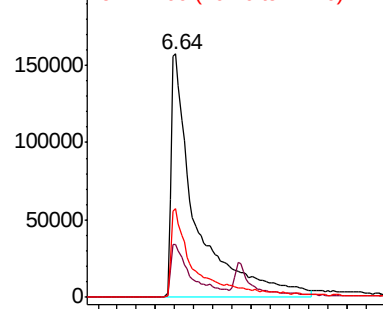
ClientSampleId :

Tot Ion: 99 Resp: 573151

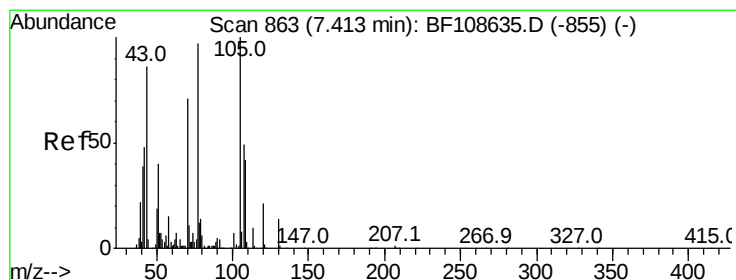
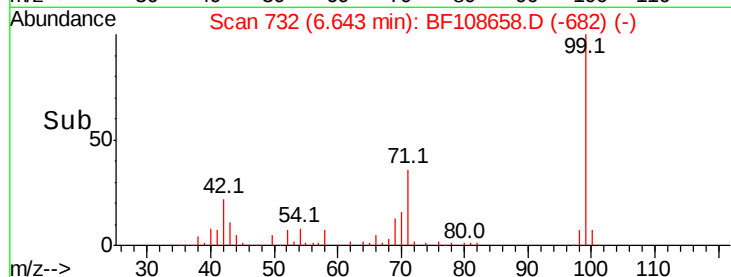
Ion	Ratio	Lower	Upper
99	100		
42	21.9	14.5	21.7#
71	36.2	25.4	38.0



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



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 11.739 ng

RT: 7.57 min Scan# 889

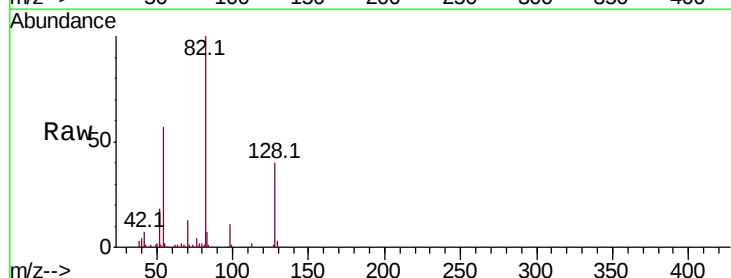
Delta R.T. 0.15 min

Lab File: BF108658.D

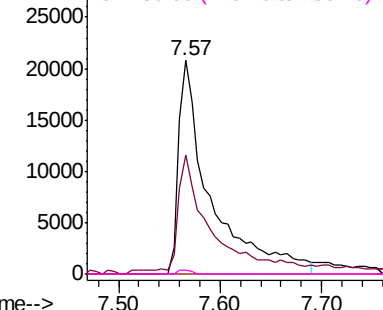
Acq: 30 Aug 2018 23:27

Tgt Ion: 70 Resp: 45641

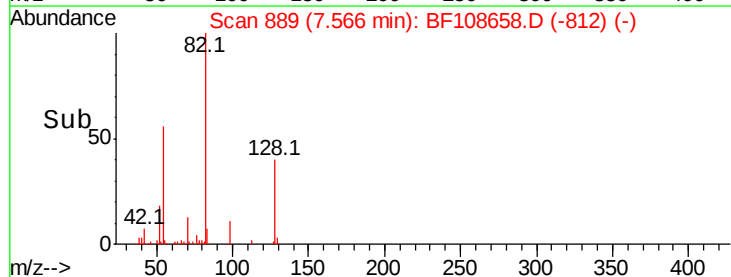
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	0.0	7.4	11.2#
130	1.7	16.6	25.0#

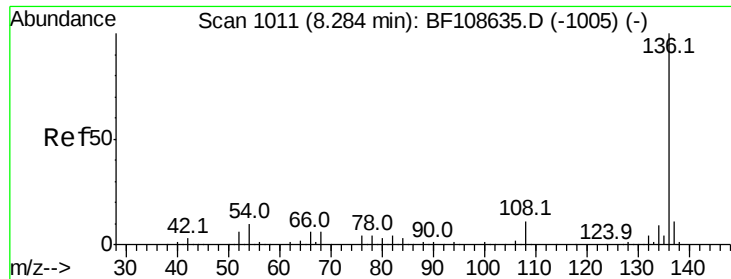


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



Time-->

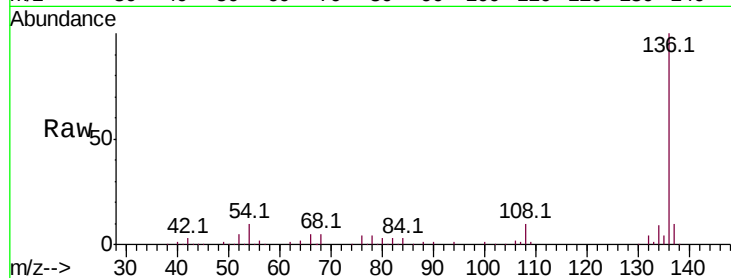




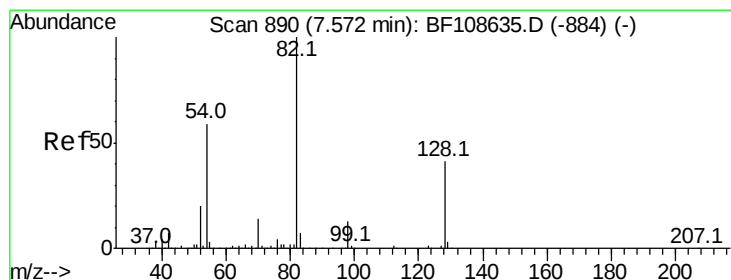
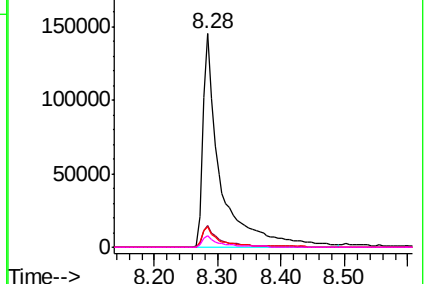
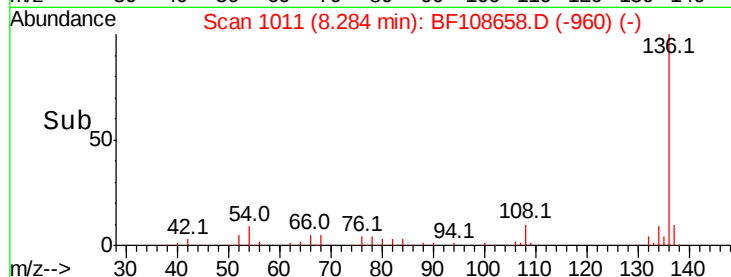
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	280869
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	9.7	6.6	9.8
68	5.2	5.0	7.4

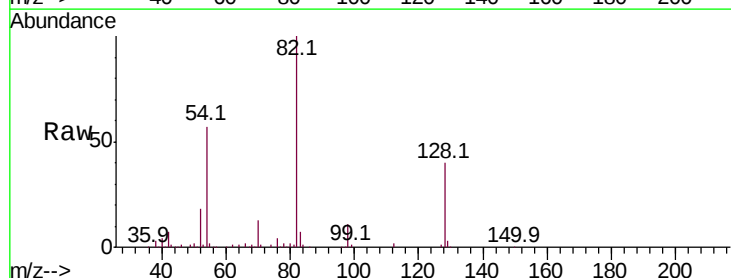


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

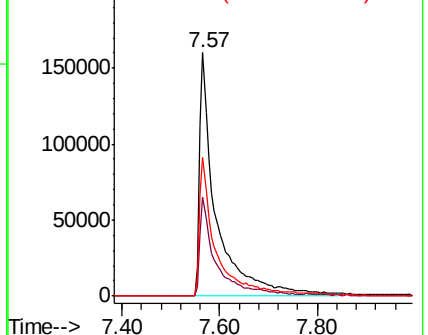
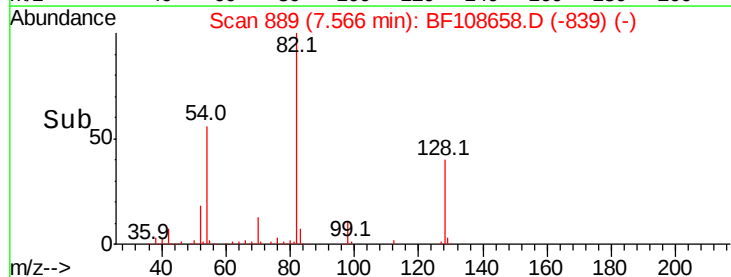


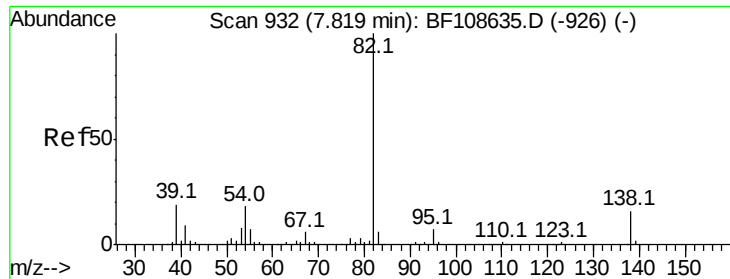
#23
Nitrobenzene-d5
Concen: 68.574 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Tgt Ion:	82	Resp:	379447
Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.1	54.1
54	56.7	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: 41.964 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Instrument :

BNA_F

ClientSampleId :

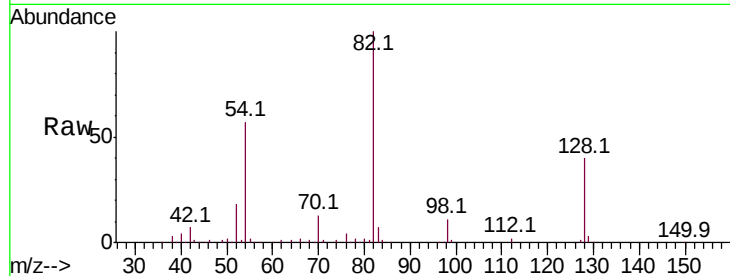
Tot Ion: 82 Resp: 385729

Ion Ratio Lower Upper

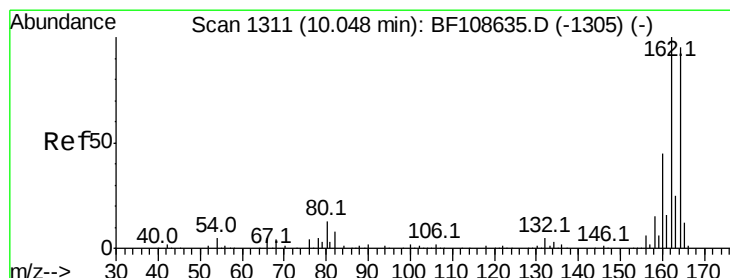
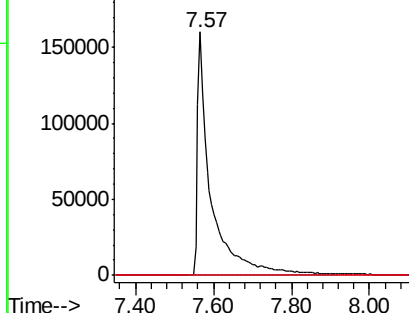
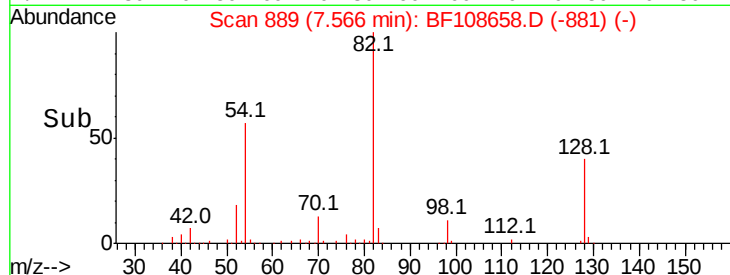
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

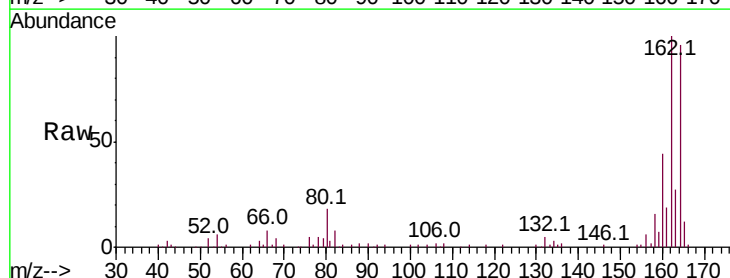
Tgt Ion:164 Resp: 131860

Ion Ratio Lower Upper

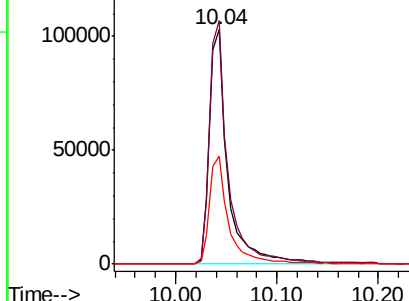
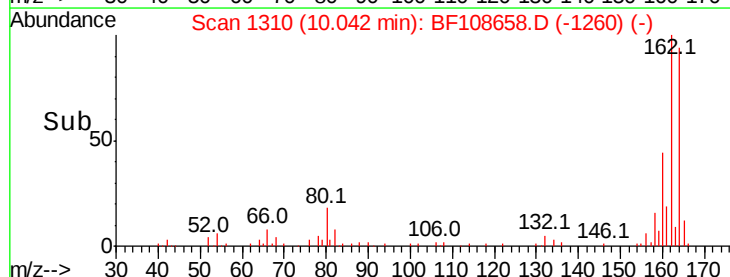
164 100

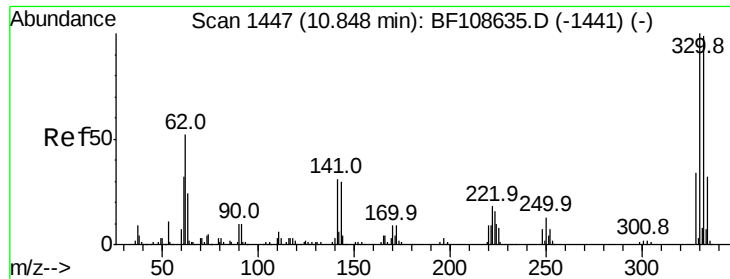
162 103.8 86.1 129.1

160 45.8 38.3 57.5



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

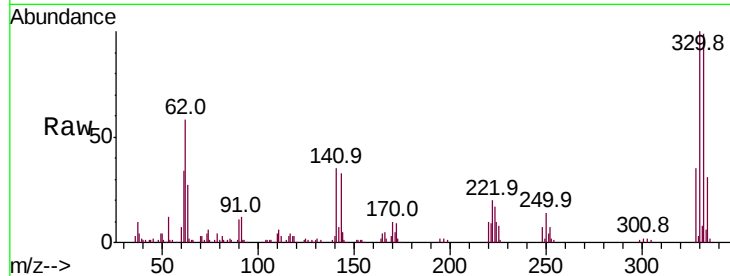




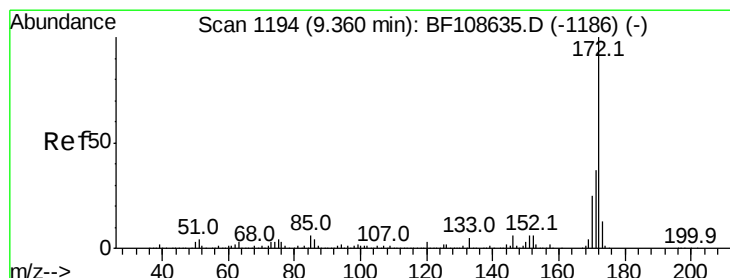
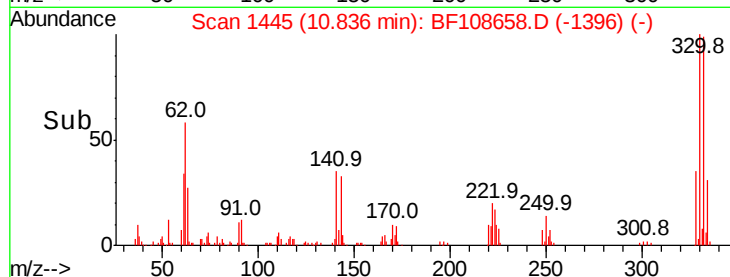
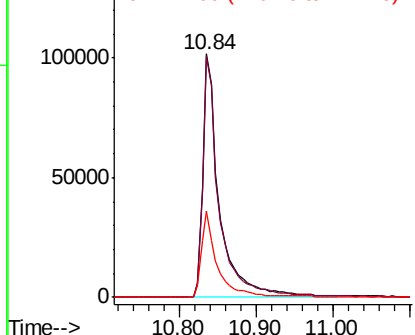
#41
 2,4,6-Tribromophenol
 Concen: 88.689 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.1	29.9	44.9

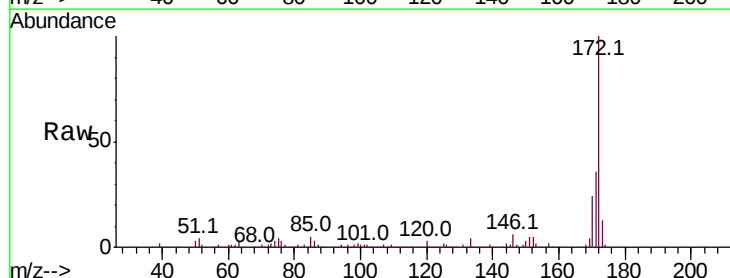


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

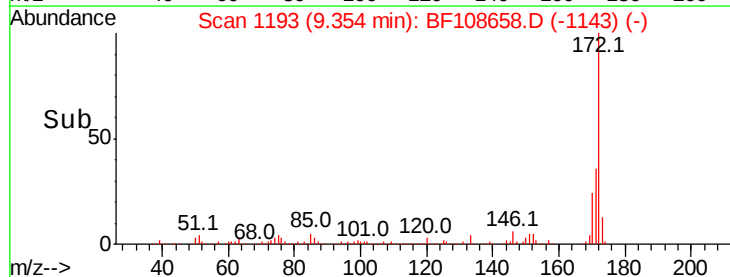
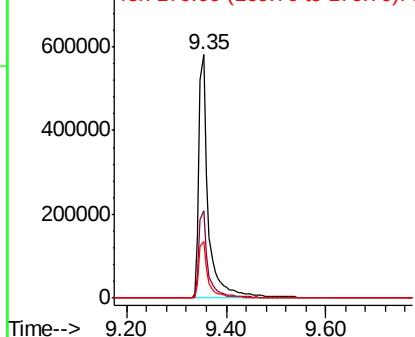


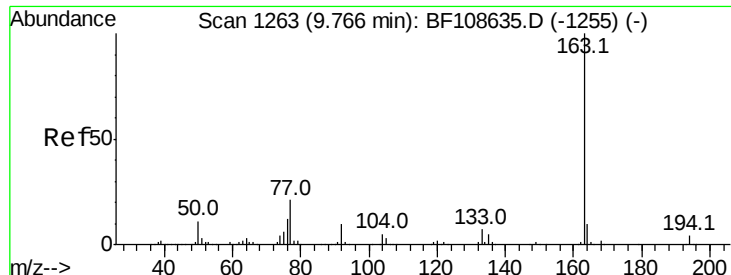
#44
 2-Fluorobiphenyl
 Concen: 78.713 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	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

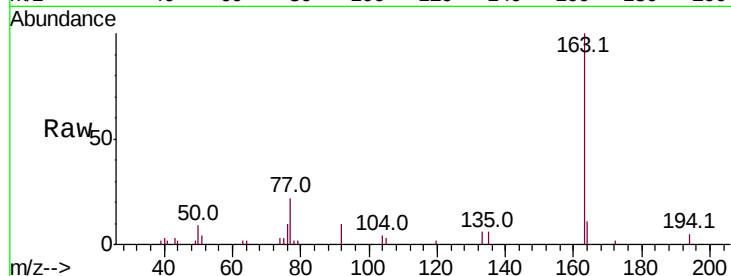




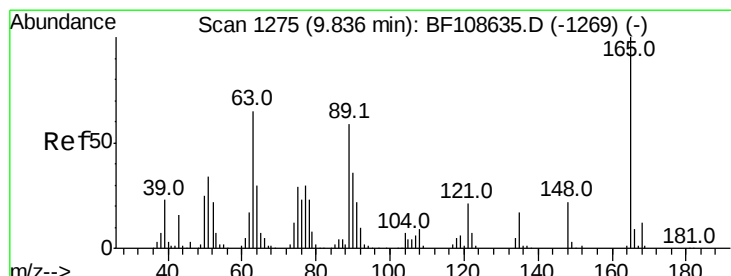
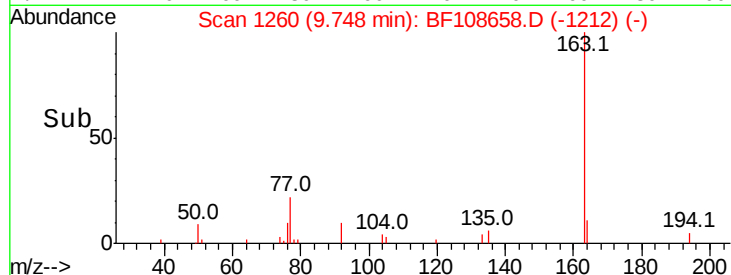
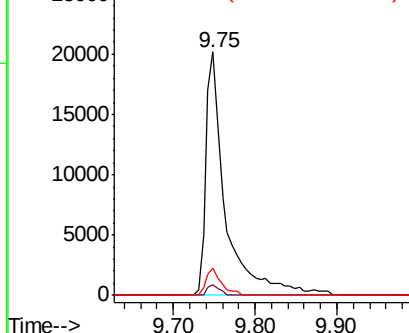
#49
Dimethylphthalate
Concen: 3.268 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 33936
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 11.2 8.2 12.2

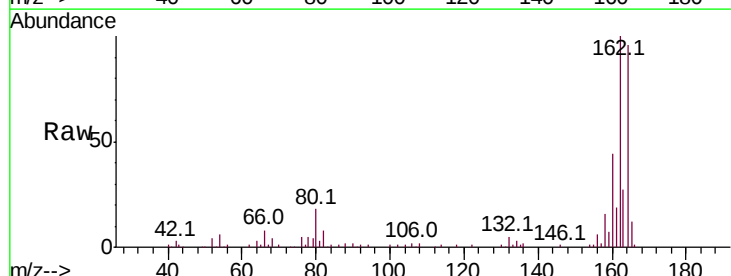


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

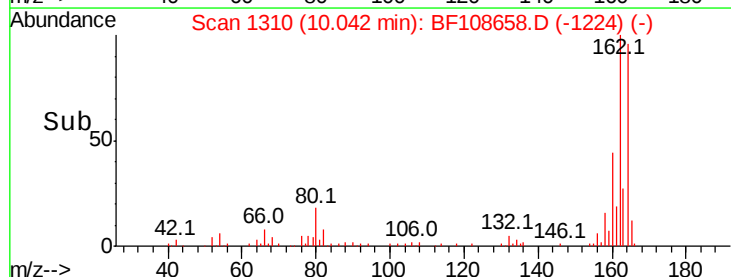
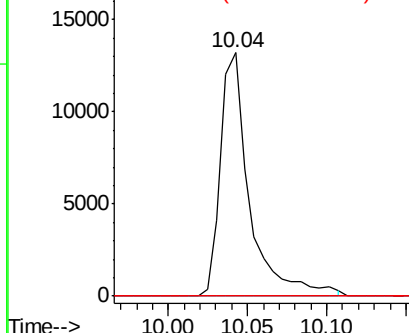


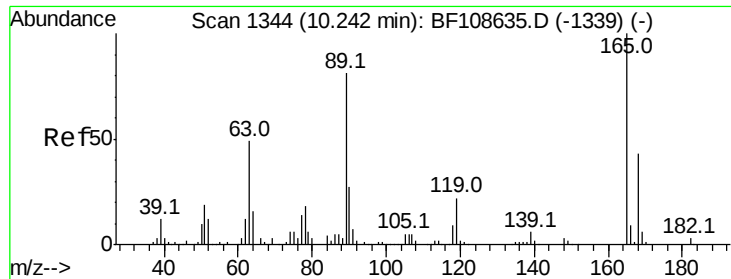
#50
2,6-Dinitrotoluene
Concen: 7.329 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108658.D
Acq: 30 Aug 2018 23:27

Tgt Ion:165 Resp: 16774
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 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

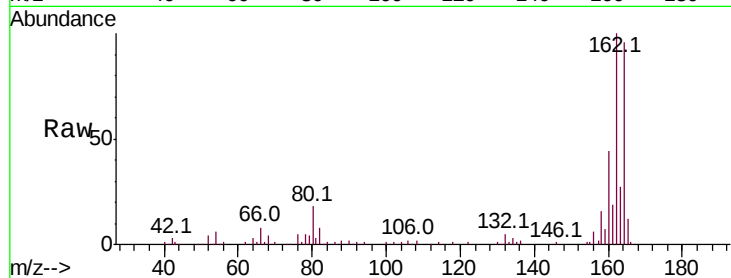




#56
 2,4-Dinitrotoluene
 Concen: 5.535 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampleId :

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



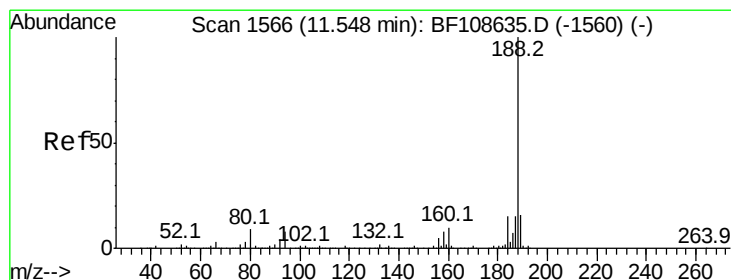
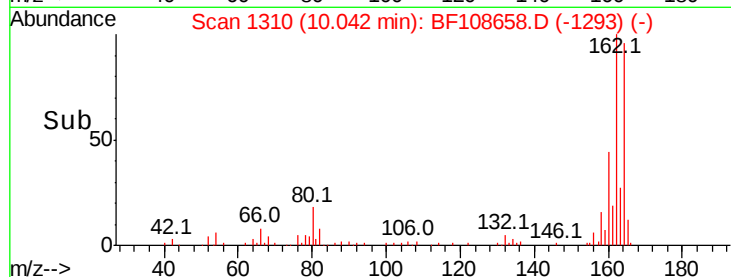
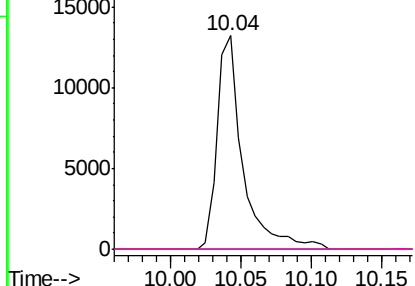
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

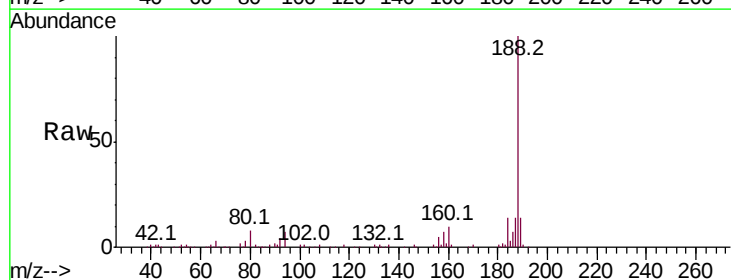
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	8.1	9.2	13.8#

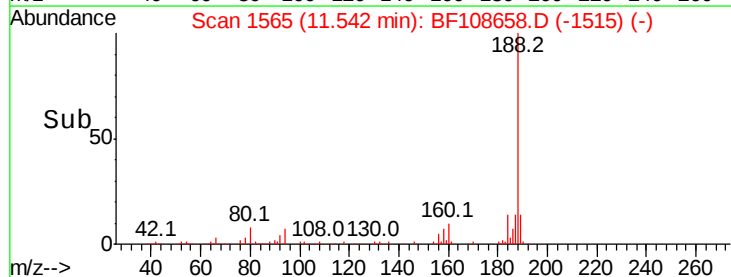
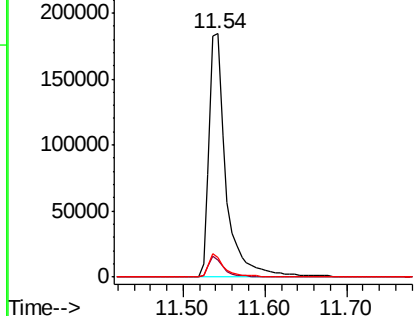


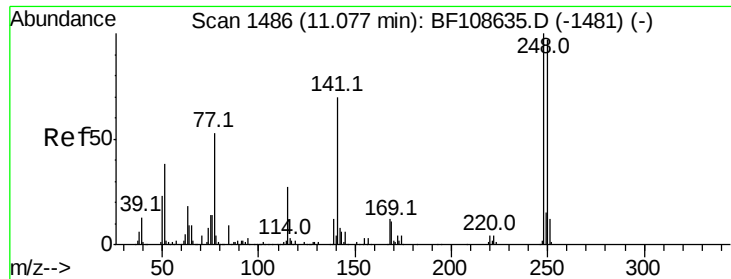
Abundance

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

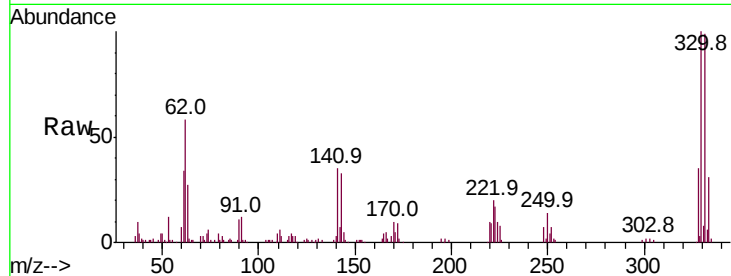




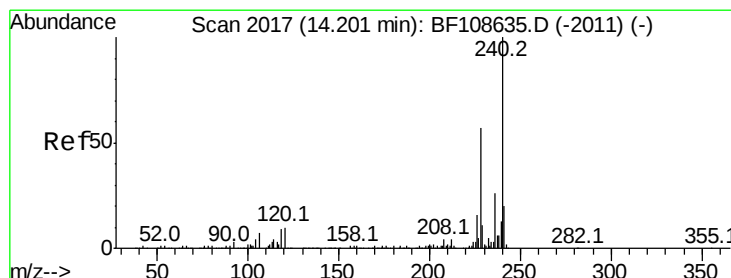
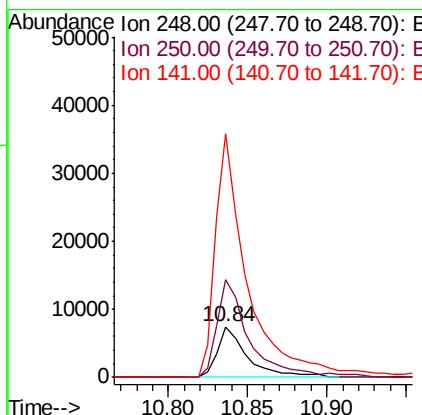
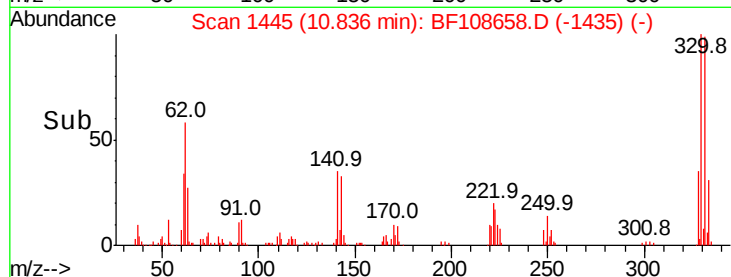
#66
 4-Bromophenyl-phenylether
 Concen: 3.027 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 9896
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 479.4 74.4 111.6#

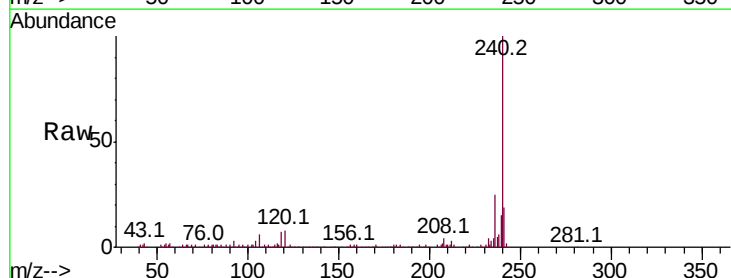


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

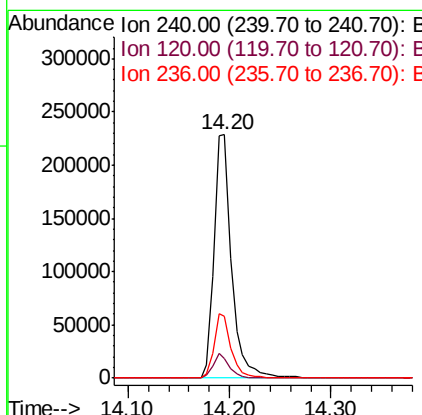
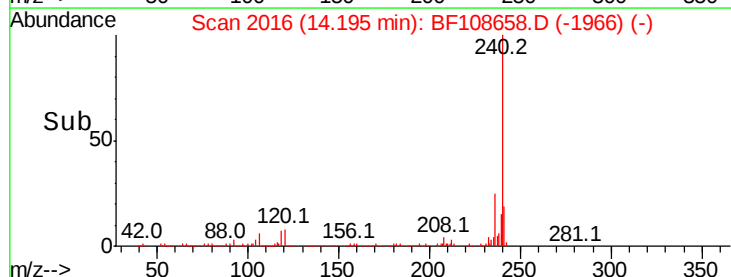


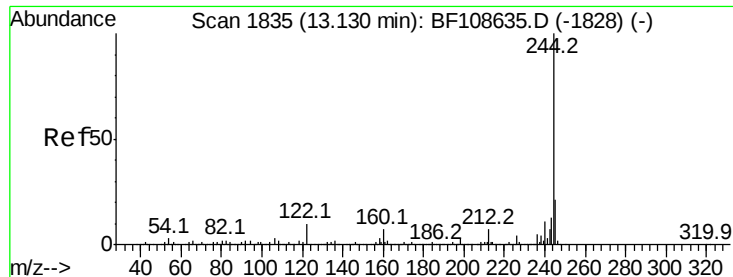
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108658.D
 Acq: 30 Aug 2018 23:27

Tgt Ion:240 Resp: 276338
 Ion Ratio Lower Upper
 240 100
 120 8.0 9.5 14.3#
 236 25.4 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: 62.740 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Instrument :

BNA_F

ClientSampleId :

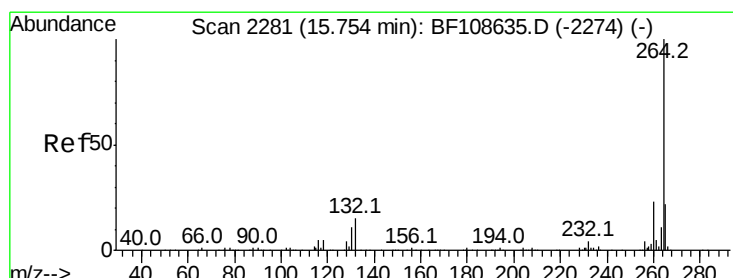
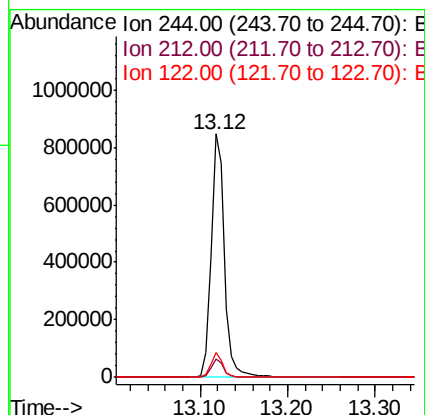
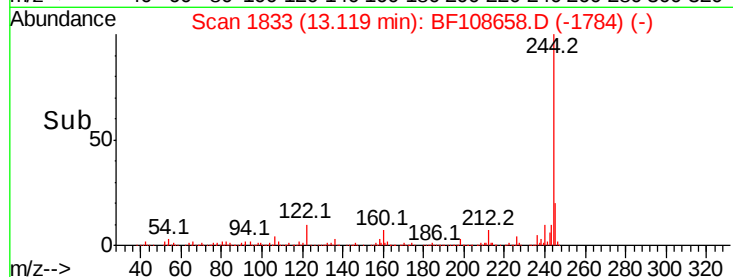
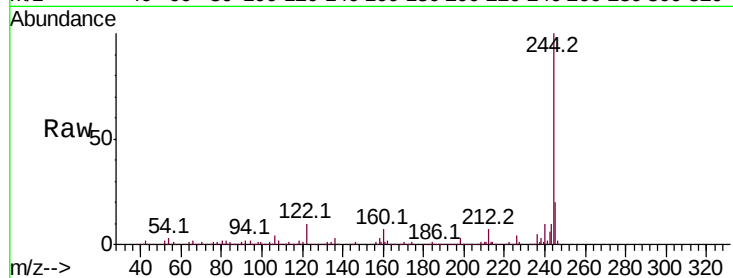
Tot Ion:244 Resp: 892332

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 9.9 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108658.D

Acq: 30 Aug 2018 23:27

Tgt Ion:264 Resp: 227506

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.4 17.5 26.3

