

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108609.D
 Acq On : 29 Aug 2018 17:21
 Operator : JU/SJ
 Sample : J4683-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 17:52:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

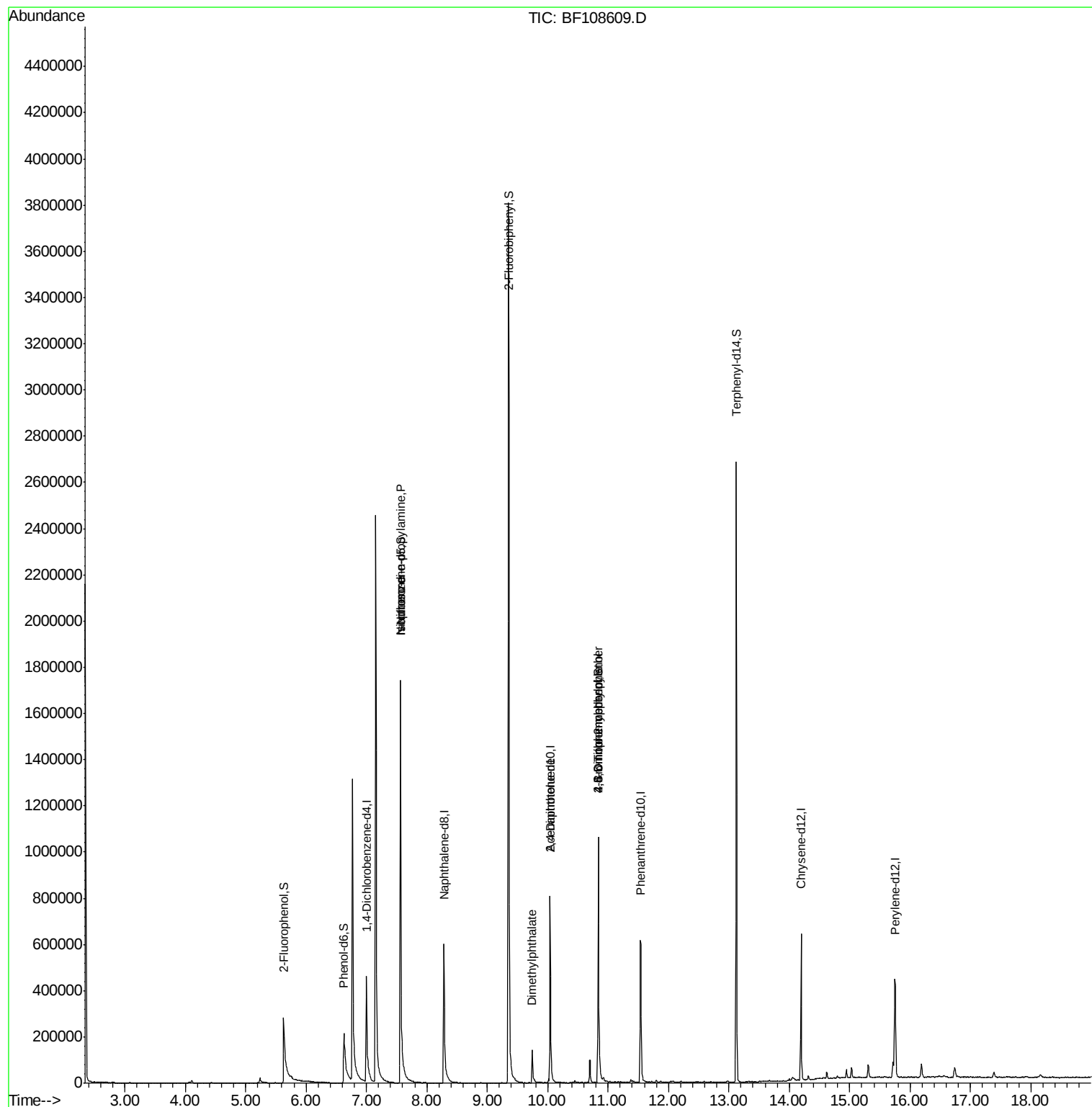
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	109358	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	419317	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	185906	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	296029	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	243381	20.00	ng	0.00
86) Perylene-d12	15.75	264	240139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	207535	34.36	ng	0.00
7) Phenol-d6	6.62	99	203803	25.39	ng	0.00
23) Nitrobenzene-d5	7.57	82	767861	102.18	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	165181	89.08	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1372983	118.57	ng	-0.01
78) Terphenyl-d14	13.12	244	949014	99.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	100541	18.523	ng	# 81
25) Isophorone	7.57	82	768394	53.648	ng	# 64
49) Dimethylphthalate	9.74	163	88930	6.867	ng	# 99
56) 2,4-Dinitrotoluene	10.04	165	23419	6.715	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	130	5.463	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	10428	3.241	ng	# 1

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

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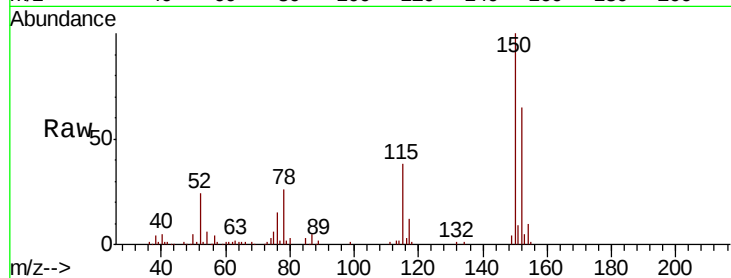


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.9	50.1	75.1

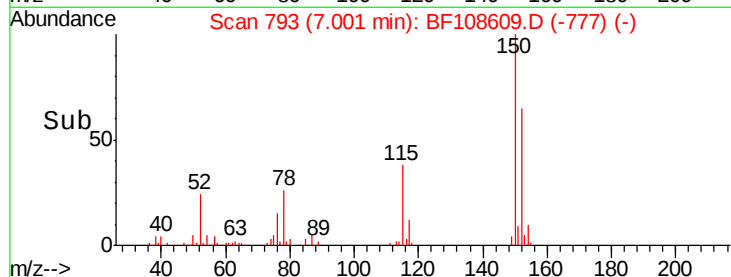
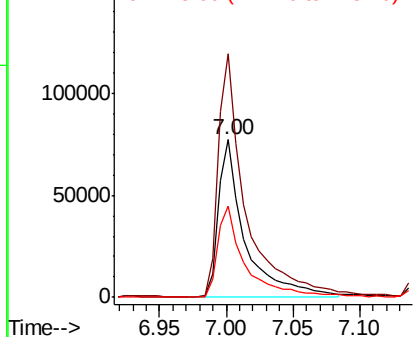


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

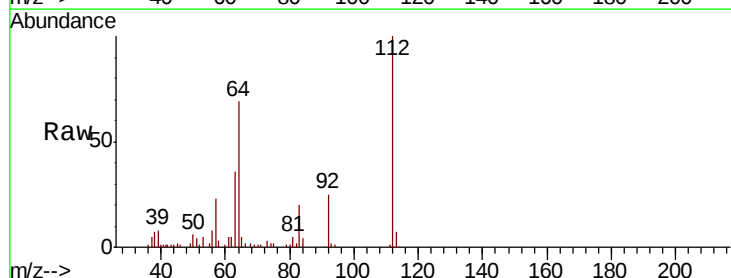
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.358 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	35.6	23.7	35.5#

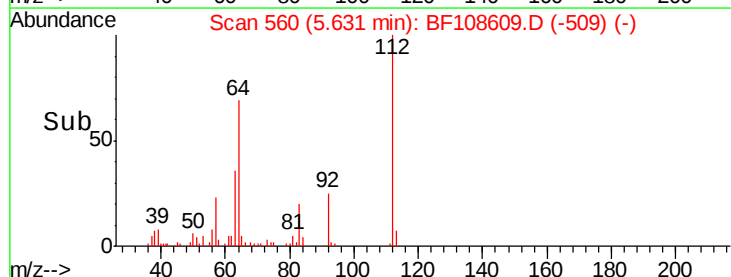
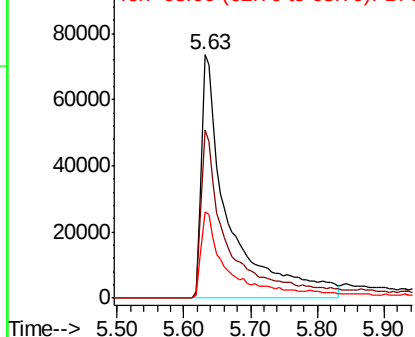


Abundance

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: 25.390 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

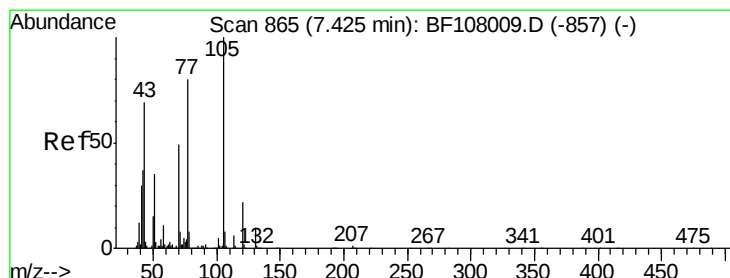
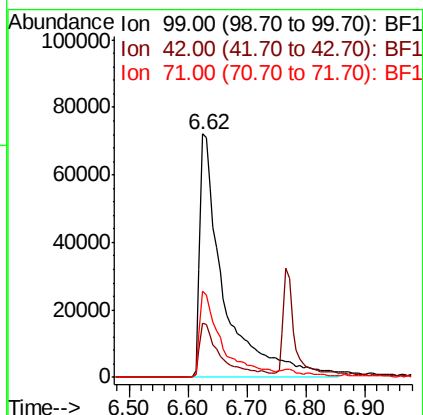
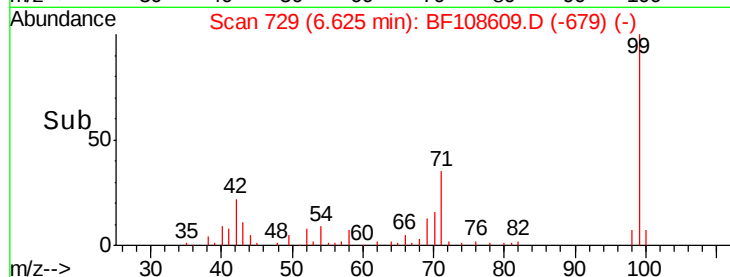
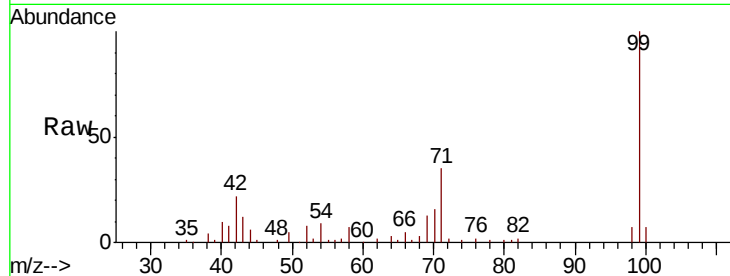
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 203803

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.5	21.7#
71	35.4	25.4	38.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.523 ng

RT: 7.57 min Scan# 889

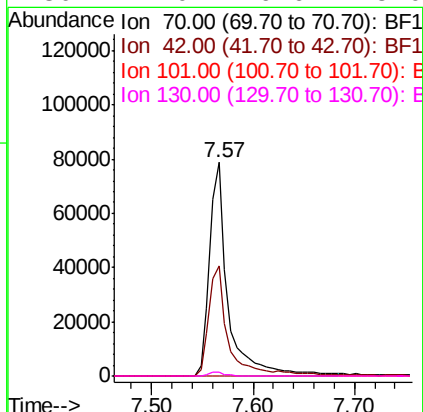
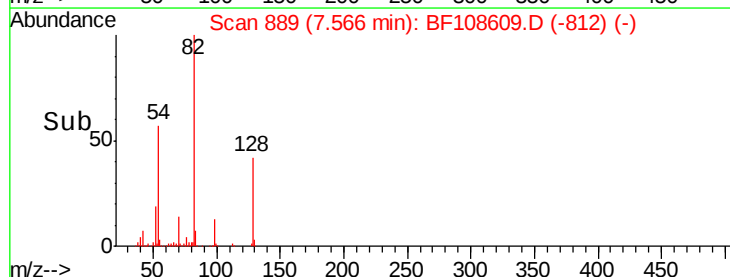
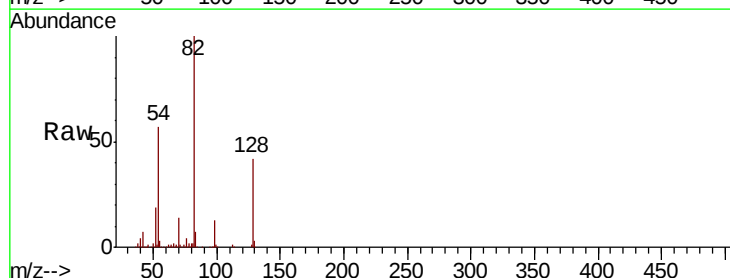
Delta R.T. 0.15 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

Tgt Ion: 70 Resp: 100541

Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

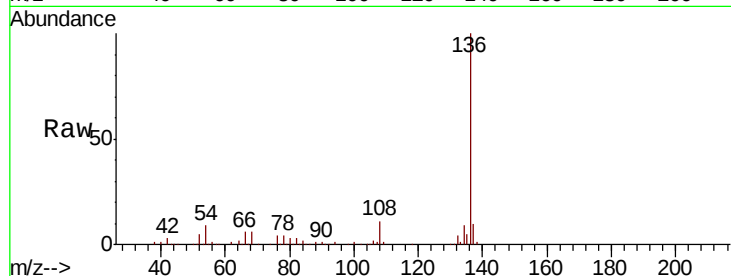




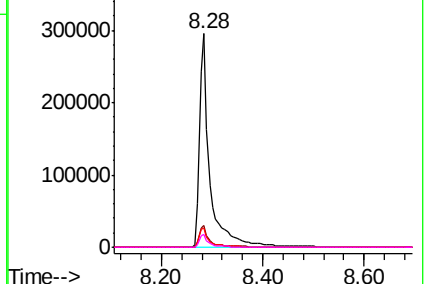
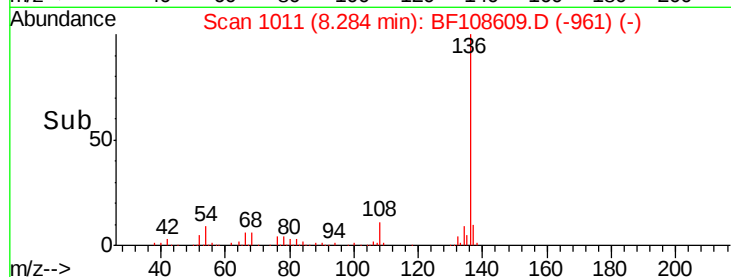
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	419317
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.9	13.3
54 9.2	6.6	9.8
68 5.7	5.0	7.4

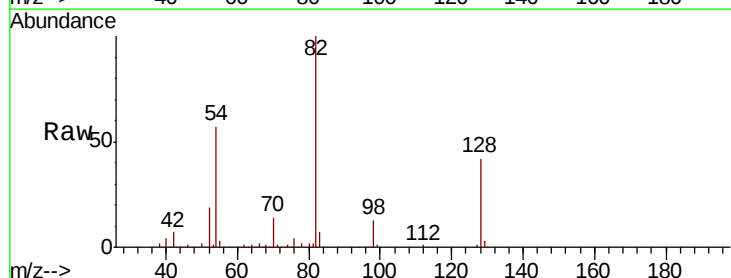


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

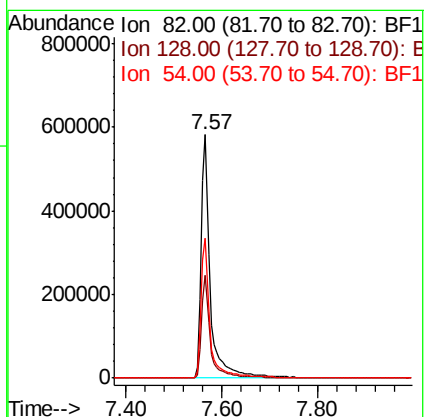
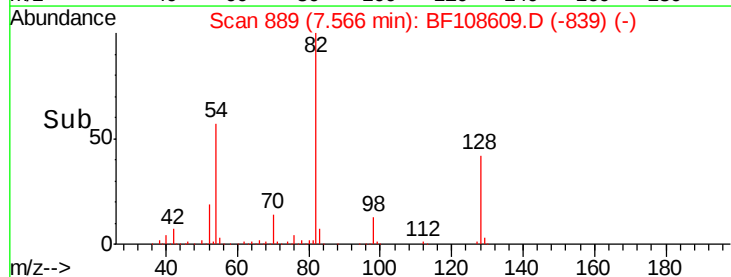


#23
Nitrobenzene-d5
Concen: 102.185 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Tgt	Ion: 82	Resp:	767861
Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	57.4	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: 53.648 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

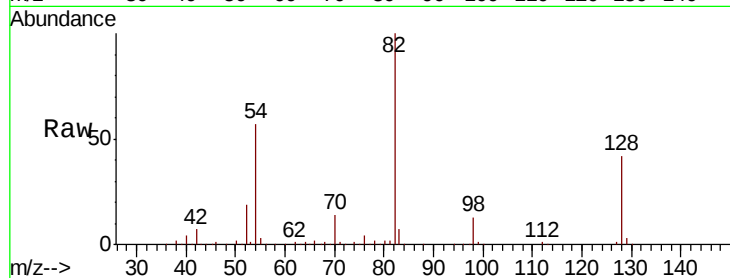
Tot Ion: 82 Resp: 768394

Ion Ratio Lower Upper

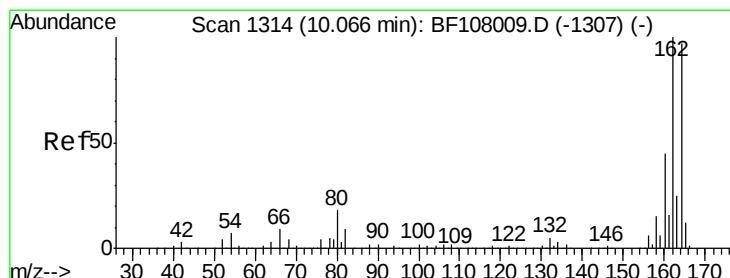
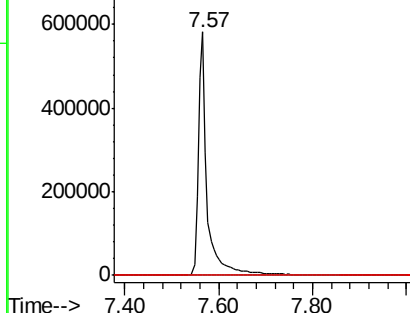
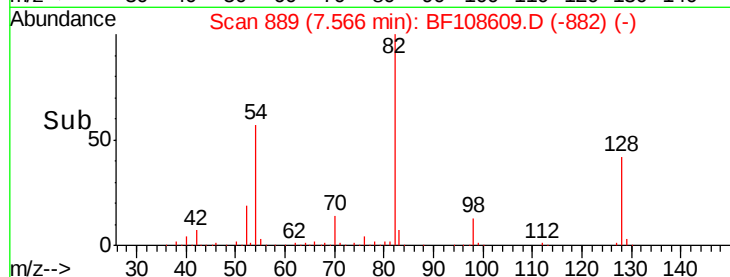
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

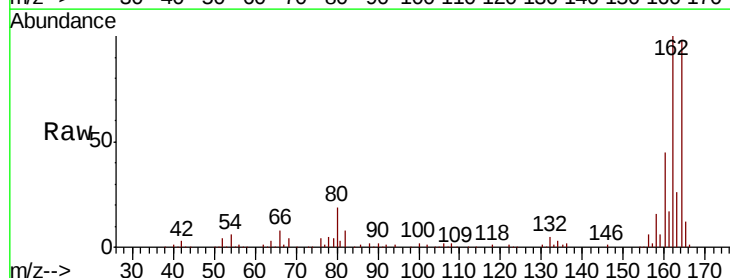
Tgt Ion:164 Resp: 185906

Ion Ratio Lower Upper

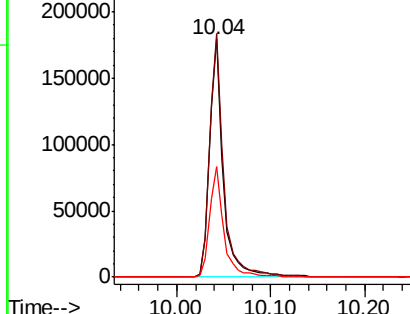
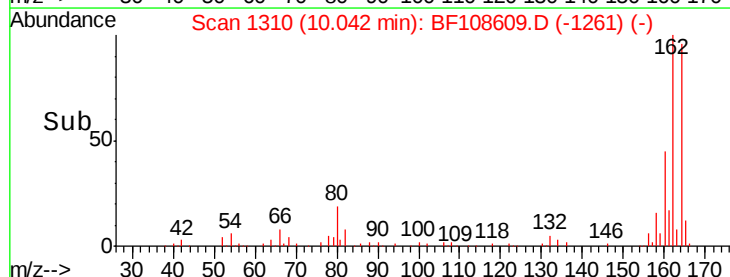
164 100

162 102.1 86.1 129.1

160 46.3 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

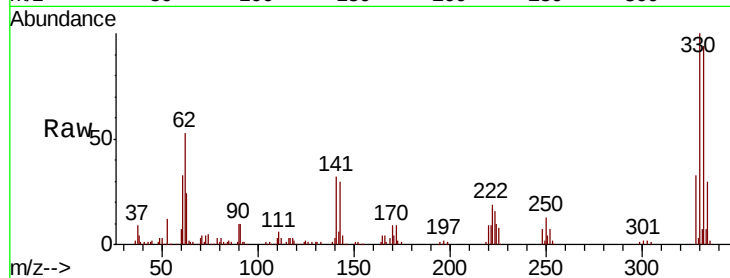




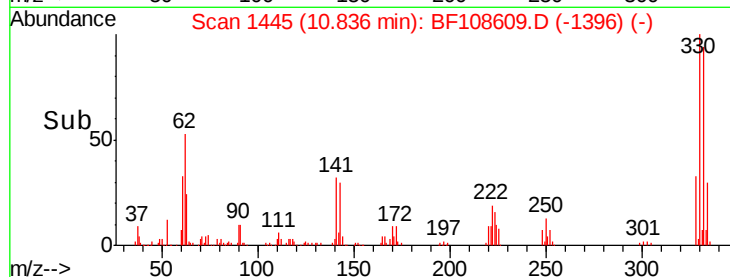
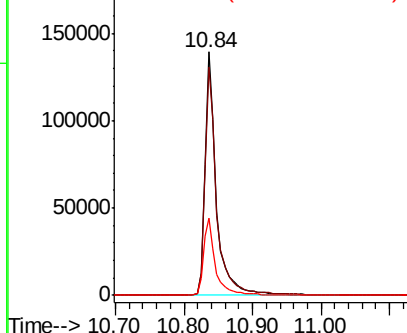
#41
 2,4,6-Tribromophenol
 Concen: 89.077 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 165181
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 32.9 29.9 44.9

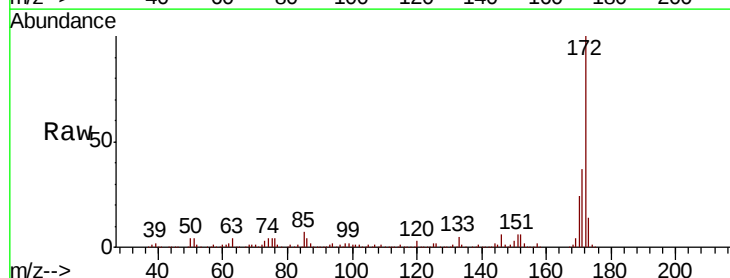


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

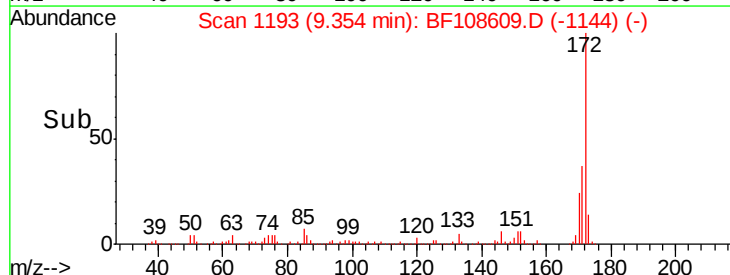
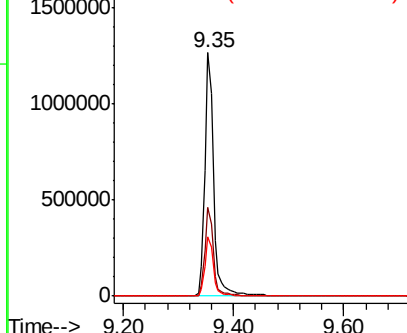


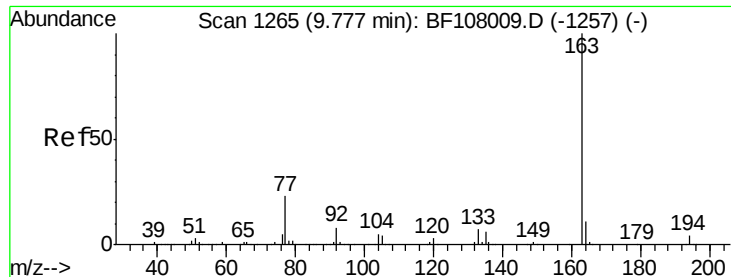
#44
 2-Fluorobiphenyl
 Concen: 118.570 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

Tgt Ion:172 Resp: 1372983
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.3 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

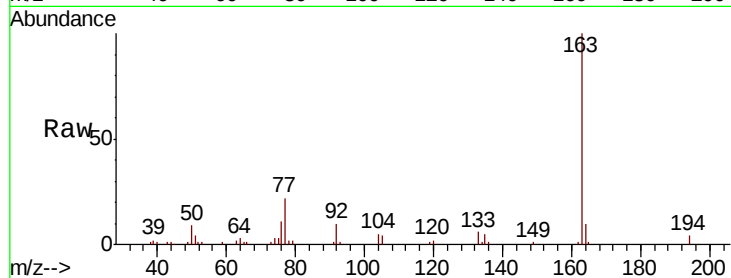




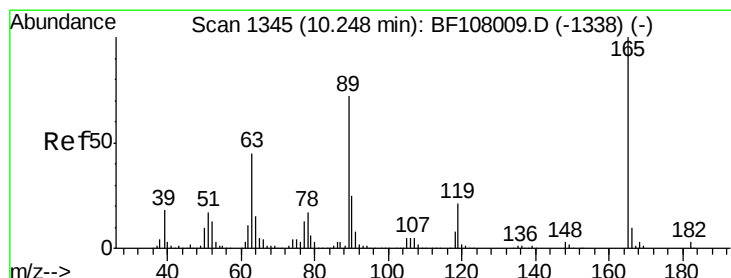
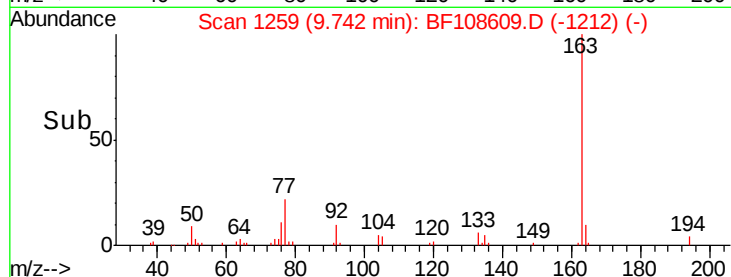
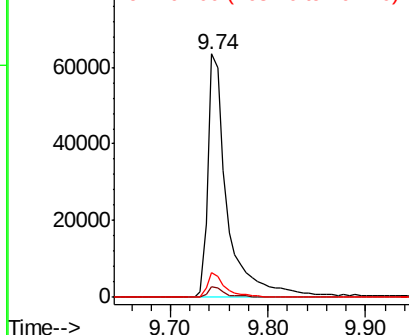
#49
Dimethylphthalate
Concen: 6.867 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 88930
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.0 8.2 12.2

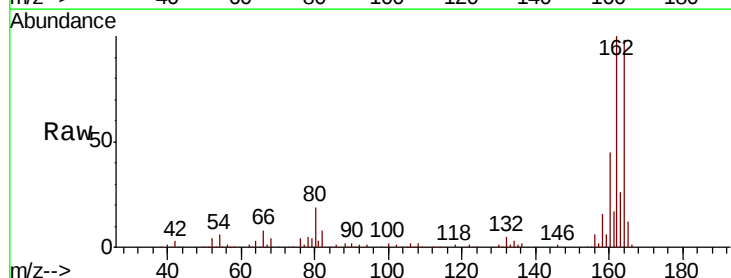


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

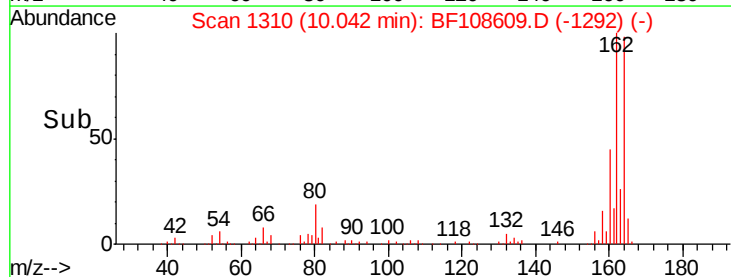
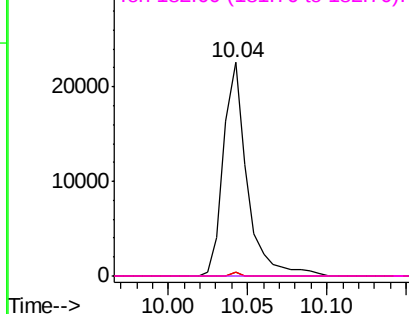


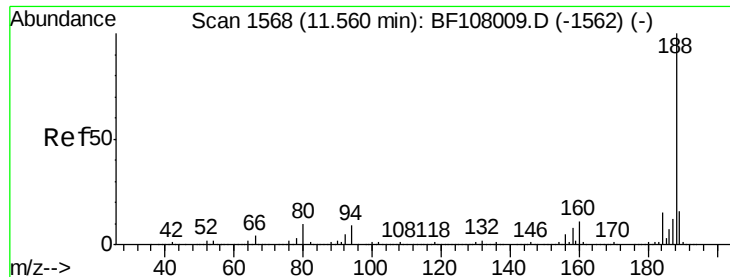
#56
2,4-Dinitrotoluene
Concen: 6.715 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108609.D
Acq: 29 Aug 2018 17:21

Tgt Ion:165 Resp: 23419
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.7 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

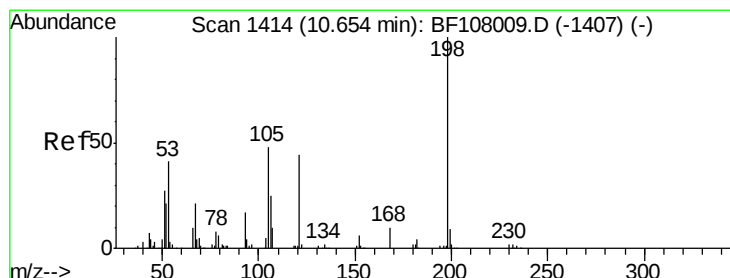
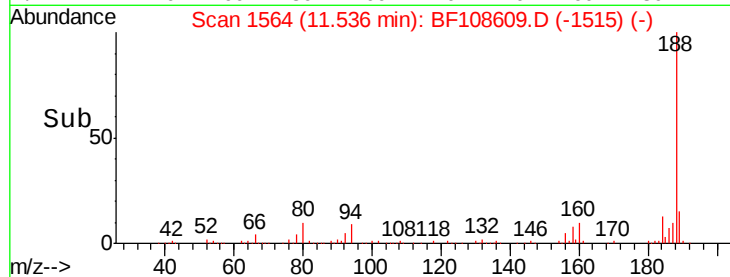
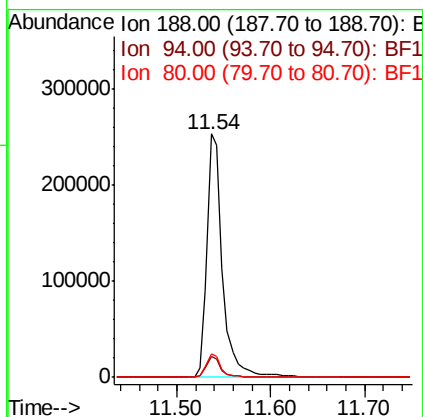
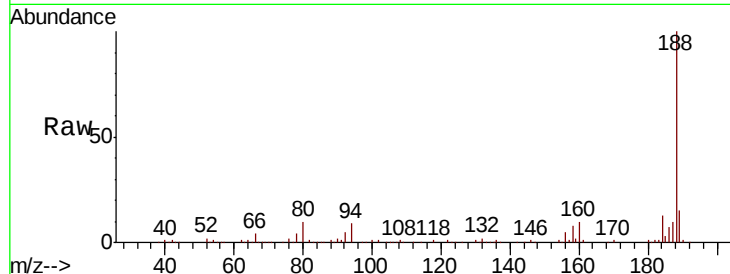




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

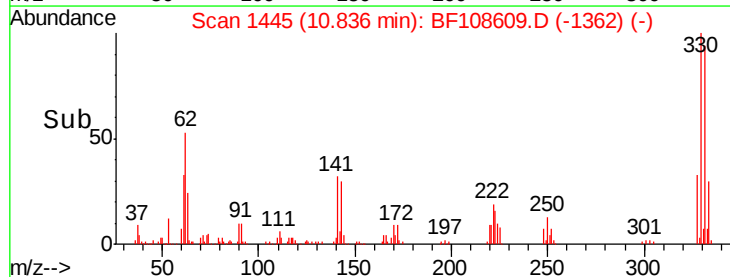
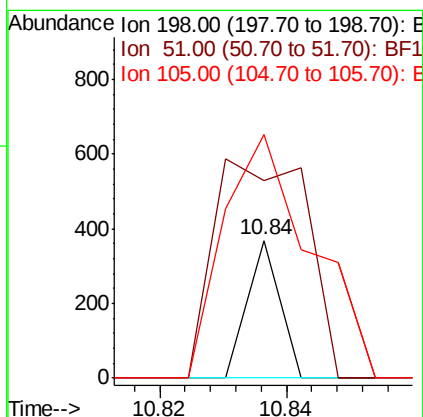
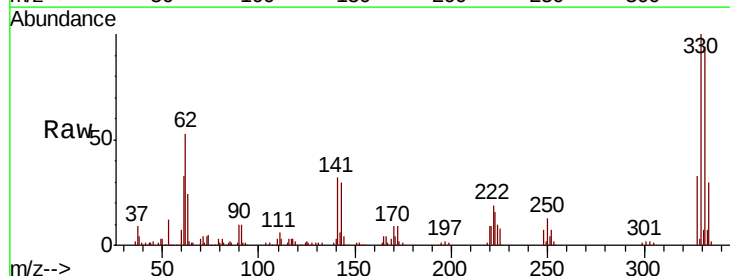
Instrument :
 BNA_F
 ClientSampleId :

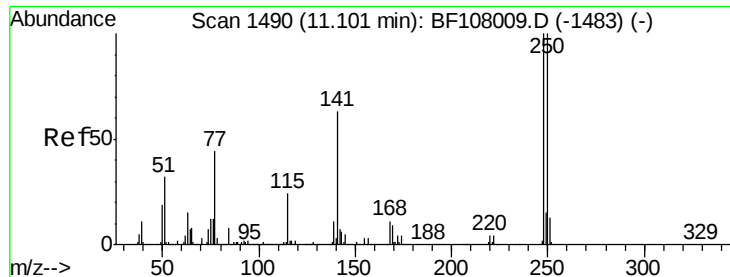
Tot Ion:188 Resp: 296029
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.463 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

Tgt Ion:198 Resp: 130
 Ion Ratio Lower Upper
 198 100
 51 143.1 37.7 77.7#
 105 176.7 36.3 76.3#

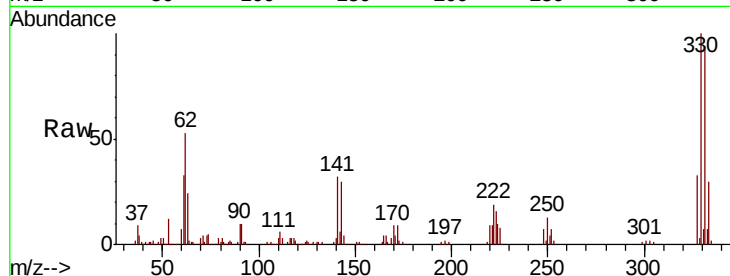




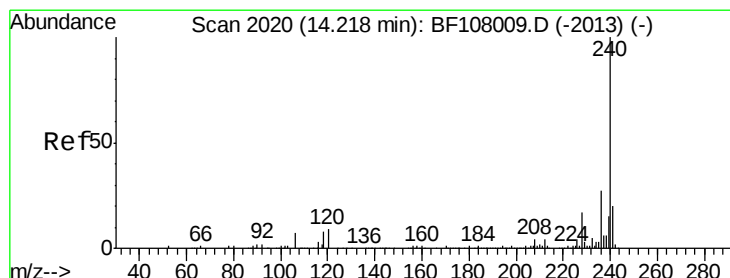
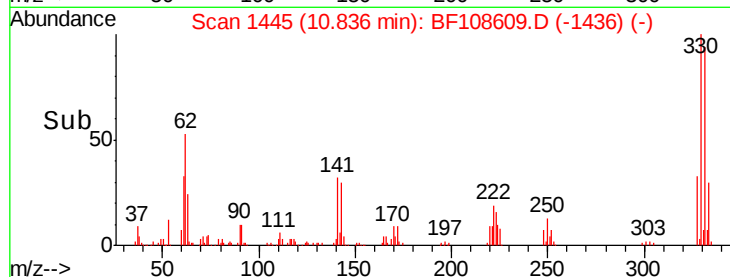
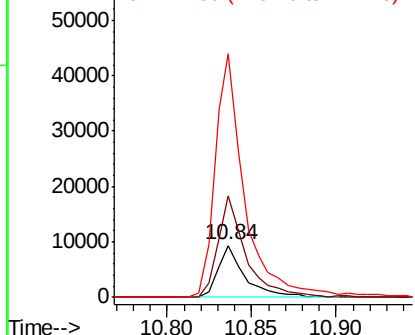
#66
 4-Bromophenyl-phenylether
 Concen: 3.241 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10428
 Ion Ratio Lower Upper
 248 100
 250 195.5 76.9 115.3#
 141 471.5 74.4 111.6#

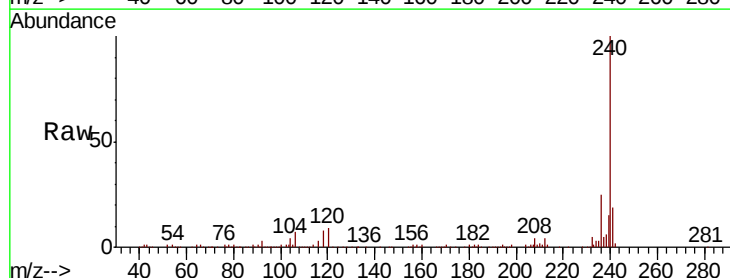


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

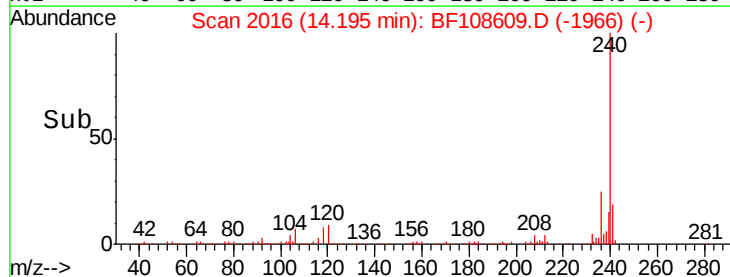
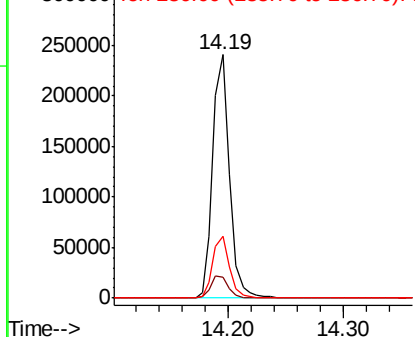


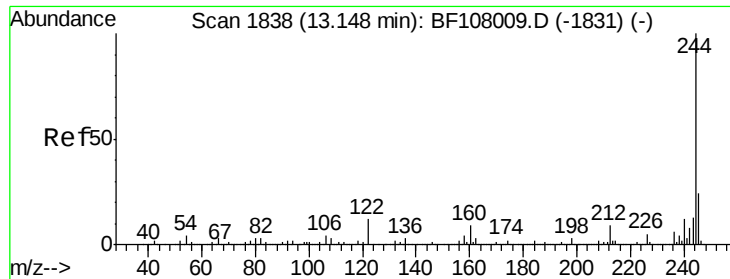
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108609.D
 Acq: 29 Aug 2018 17:21

Tgt Ion:240 Resp: 243381
 Ion Ratio Lower Upper
 240 100
 120 8.6 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: 99.142 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

Instrument :

BNA_F

ClientSampleId :

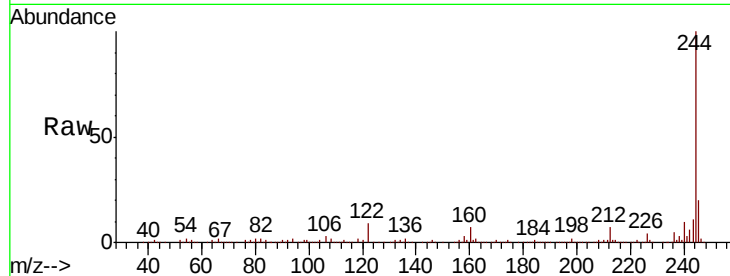
Tot Ion:244 Resp: 949014

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

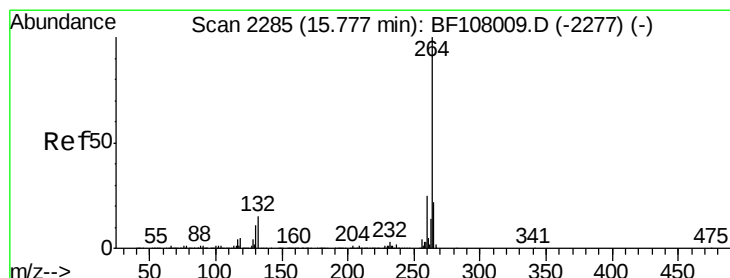
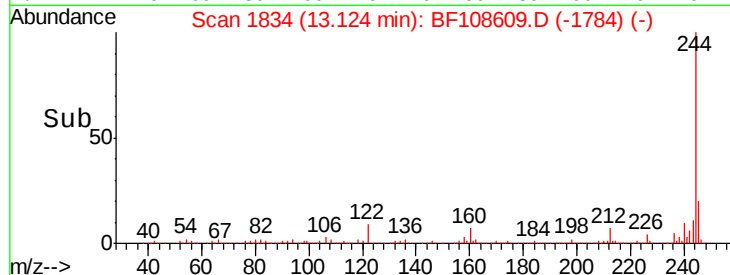
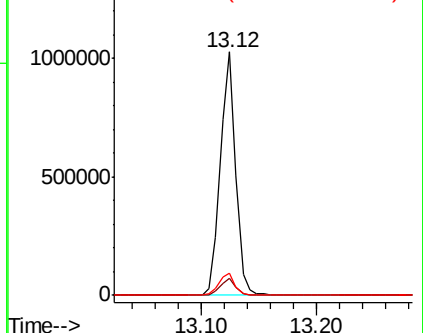
122 9.0 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108609.D

Acq: 29 Aug 2018 17:21

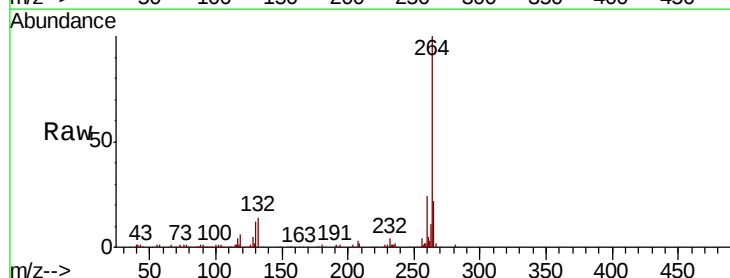
Tgt Ion:264 Resp: 240139

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.5 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

