

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108400.D
 Acq On : 22 Aug 2018 23:00
 Operator : JU/SJ
 Sample : J4572-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 23 02:17:57 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	155874	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	563041	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	264594	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	460872	20.00	ng	0.00
75) Chrysene-d12	14.19	240	308660	20.00	ng	0.00
86) Perylene-d12	15.75	264	274035	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1248783	145.04	ng	0.00
7) Phenol-d6	6.63	99	1693210	147.99	ng	0.00
23) Nitrobenzene-d5	7.57	82	1090353	108.06	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	403197	152.77	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1894024	114.92	ng	0.00
78) Terphenyl-d14	13.13	244	1640328	135.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	28352	2.396	ng	85
19) n-Nitroso-di-n-propylamine	7.57	70	149508	19.324	ng	# 82
25) Isophorone	7.57	82	1090337	56.694	ng	# 64
49) Dimethylphthalate	9.75	163	266836	14.477	ng	99
56) 2,4-Dinitrotoluene	10.05	165	34038	6.857	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	1088	5.917	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	25834	5.158	ng	# 1

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

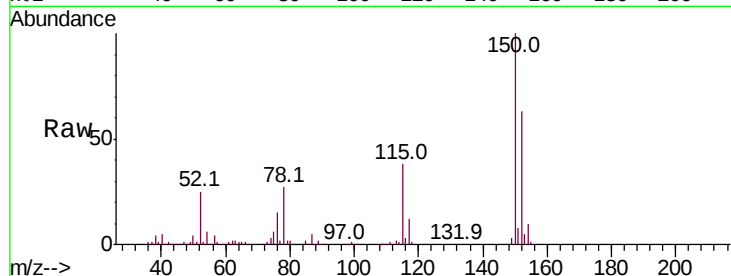


#1

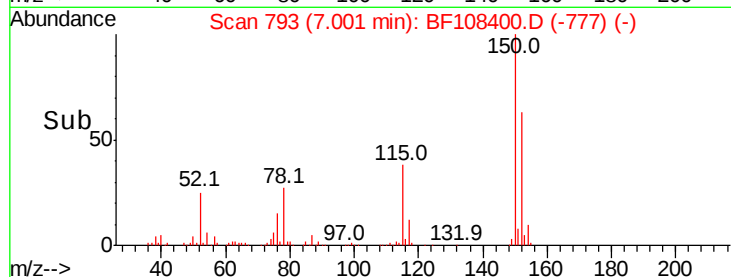
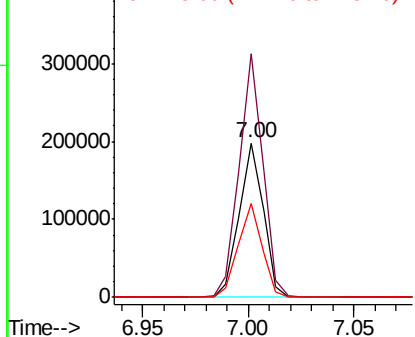
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155874
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 60.7 50.1 75.1



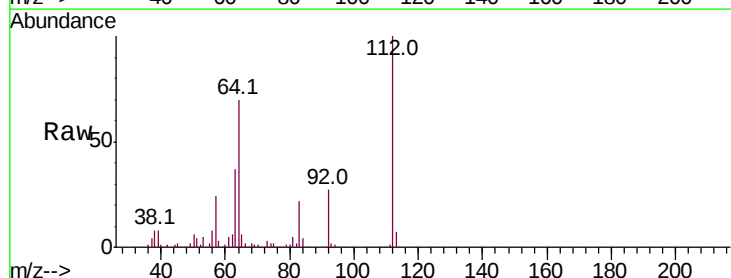
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



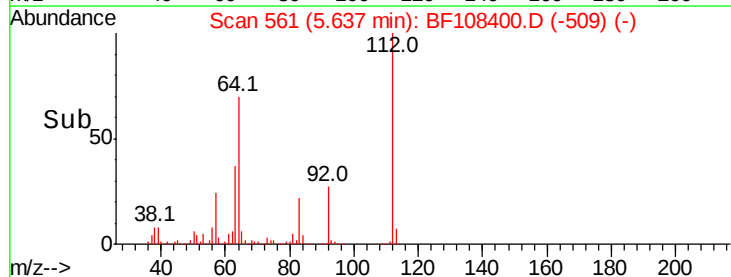
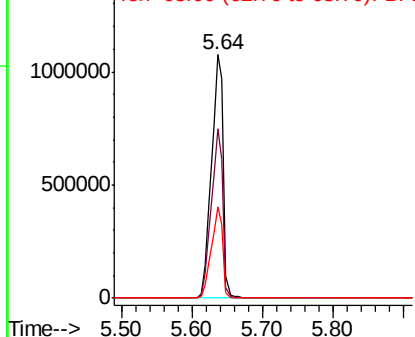
#5

2-Fluorophenol
Concen: 145.044 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion:112 Resp: 1248783
Ion Ratio Lower Upper
112 100
64 69.8 47.9 71.9
63 37.4 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: 147.994 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108400.D

Acq: 22 Aug 2018 23:00

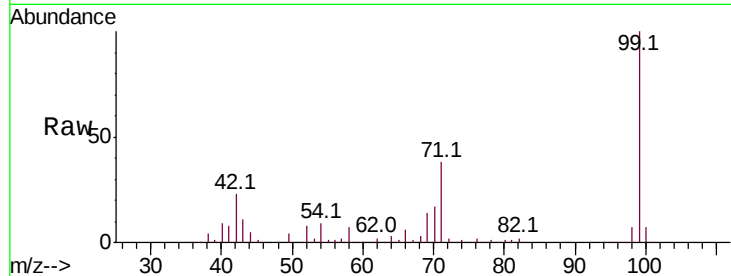
Instrument :

BNA_F

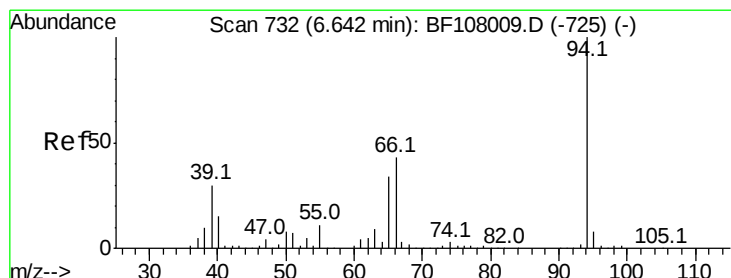
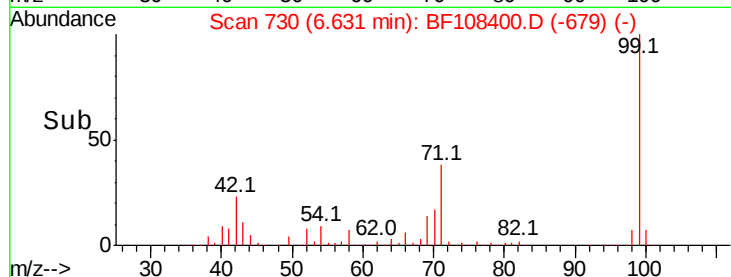
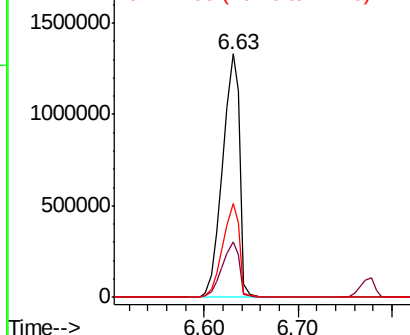
ClientSampleId :

Tot Ion: 99 Resp: 1693210

Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	38.4	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



#10

Phenol

Concen: 2.396 ng

RT: 6.64 min Scan# 732

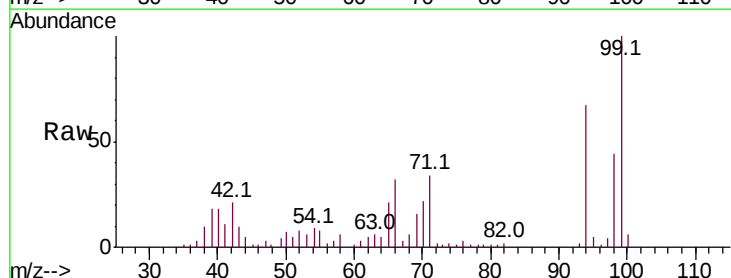
Delta R.T. -0.00 min

Lab File: BF108400.D

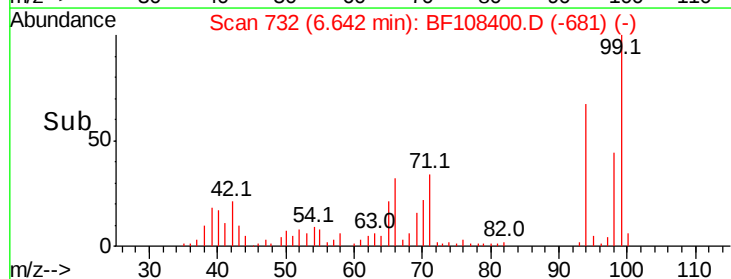
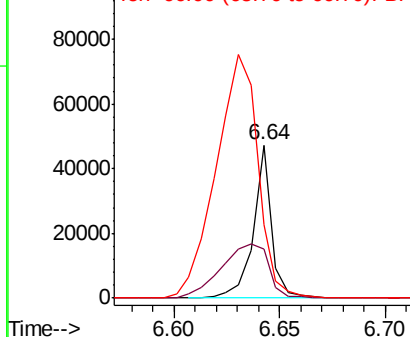
Acq: 22 Aug 2018 23:00

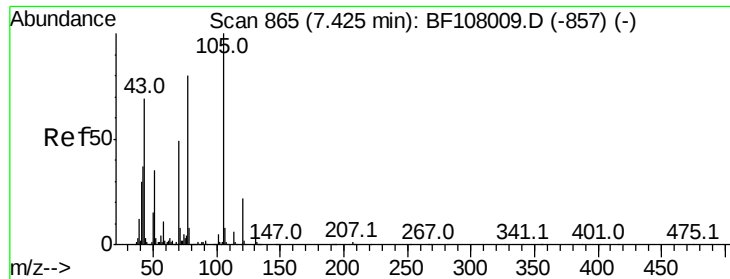
Tgt Ion: 94 Resp: 28352

Ion	Ratio	Lower	Upper
94	100		
65	31.8	7.9	47.9
66	48.2	16.2	56.2



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

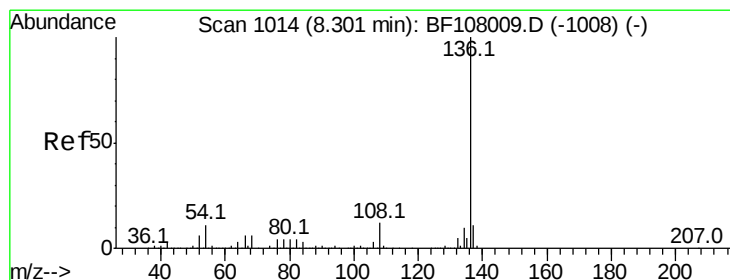
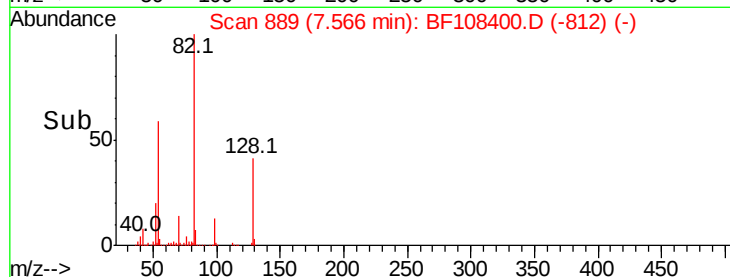
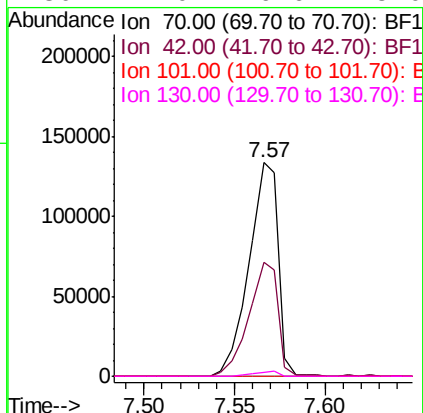
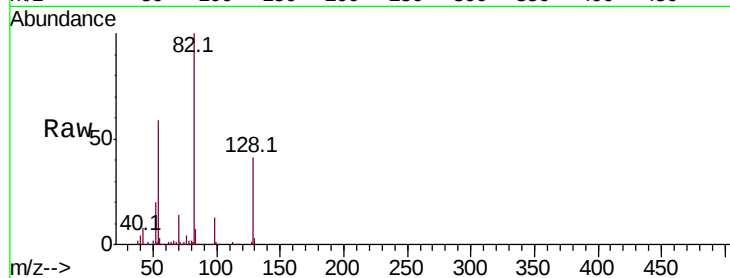




#19
n-Nitroso-di-n-propylamine
Concen: 19.324 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

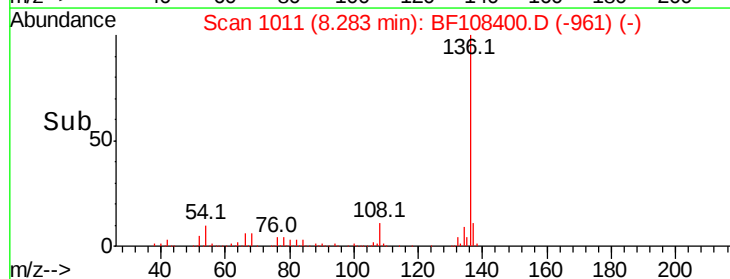
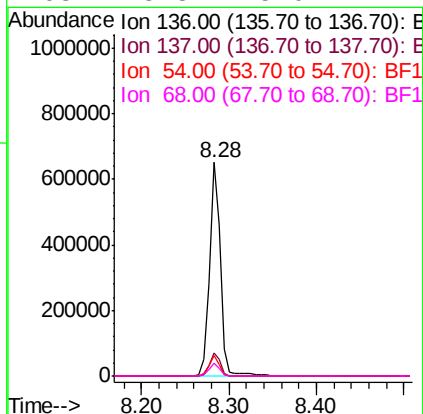
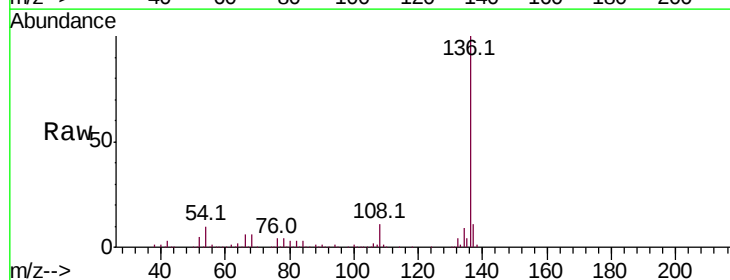
Instrument :
BNA_F
ClientSampleId :

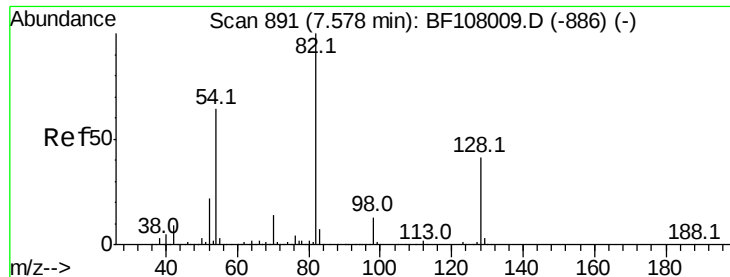
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.8	6.6	9.8
68	5.8	5.0	7.4

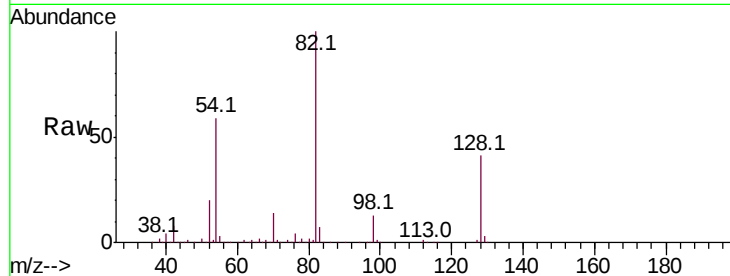




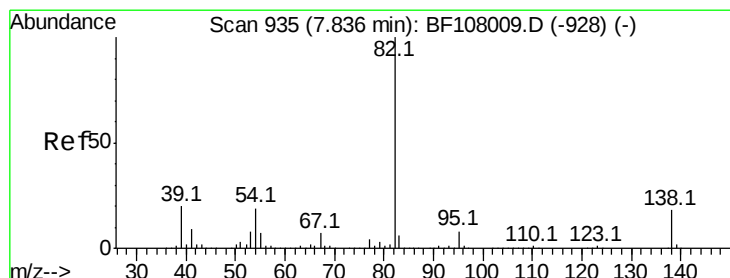
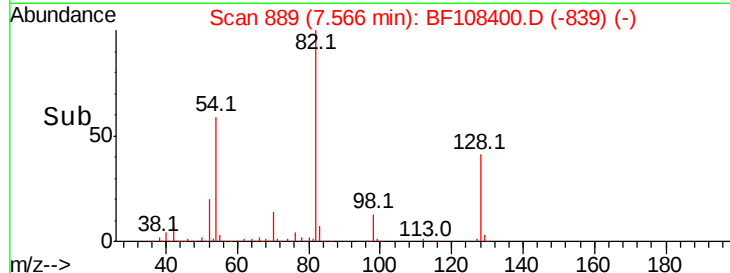
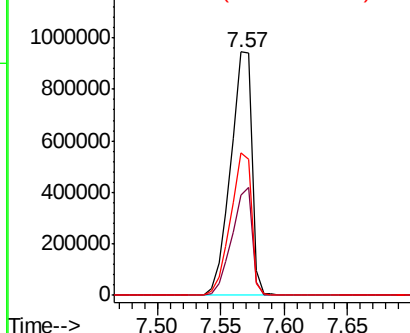
#23
Nitrobenzene-d5
Concen: 108.062 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1090353
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 58.6 41.4 62.2

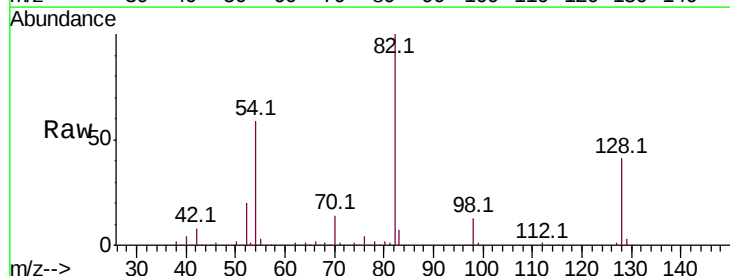


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

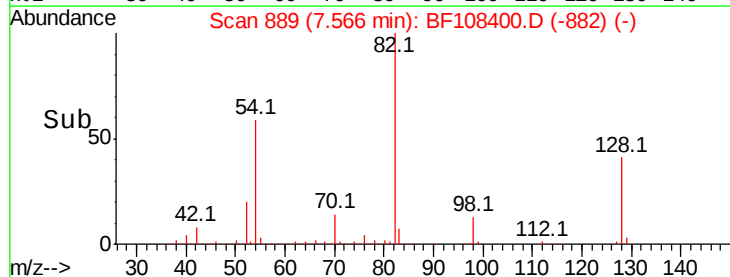
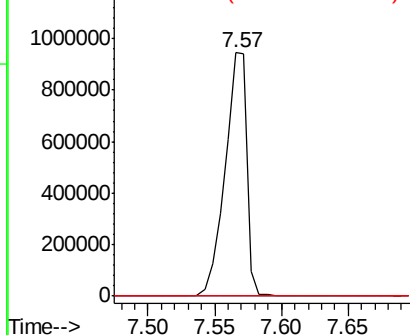


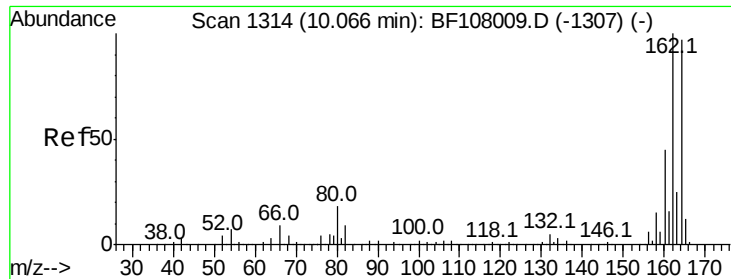
#25
Isophorone
Concen: 56.694 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108400.D
Acq: 22 Aug 2018 23:00

Tgt Ion: 82 Resp: 1090337
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

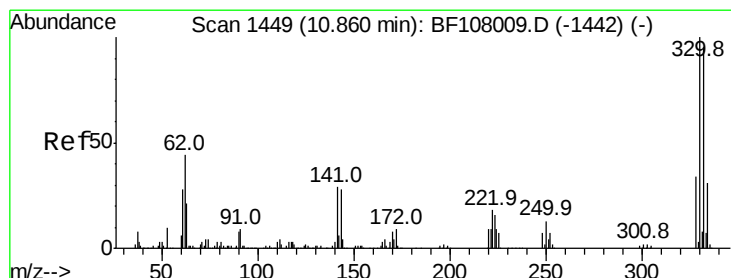
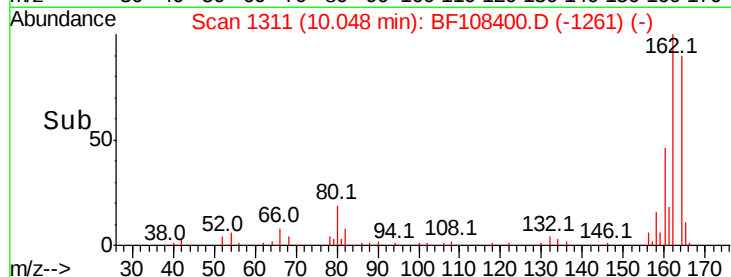
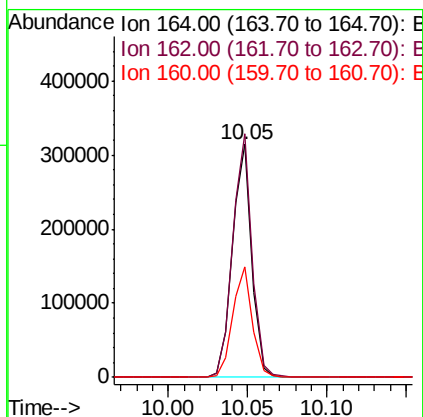
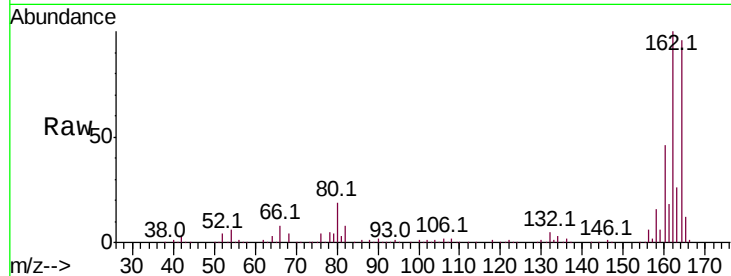




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

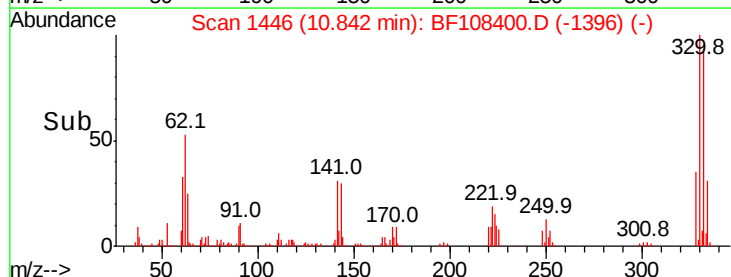
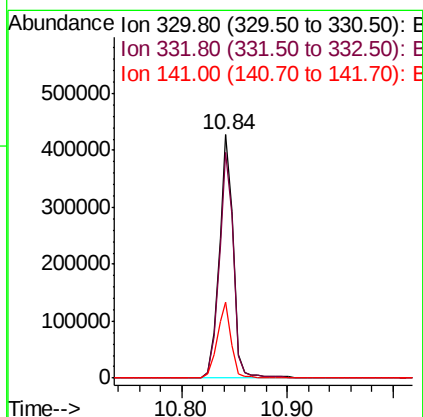
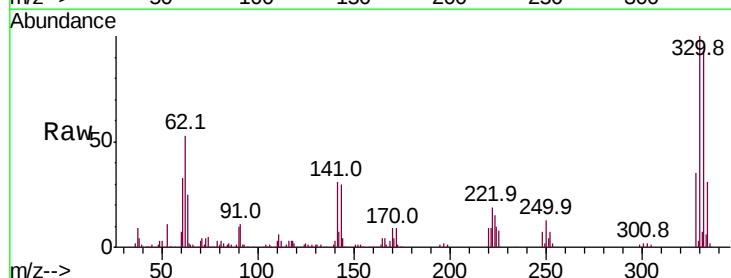
Instrument :
 BNA_F
 ClientSampleId :

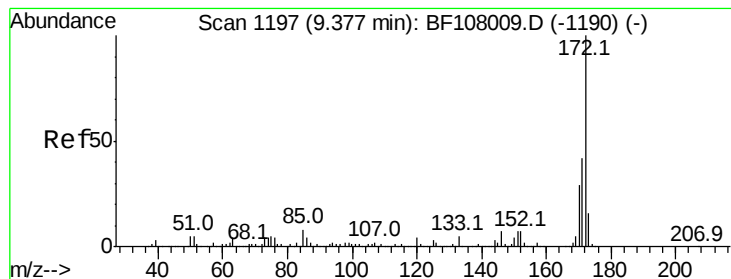
Tot Ion:164 Resp: 264594
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 47.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 152.769 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

Tgt Ion:330 Resp: 403197
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 31.1 29.9 44.9



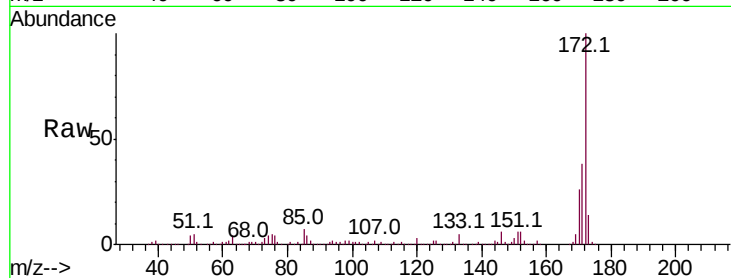


#44
 2-Fluorobiphenyl
 Concen: 114.923 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

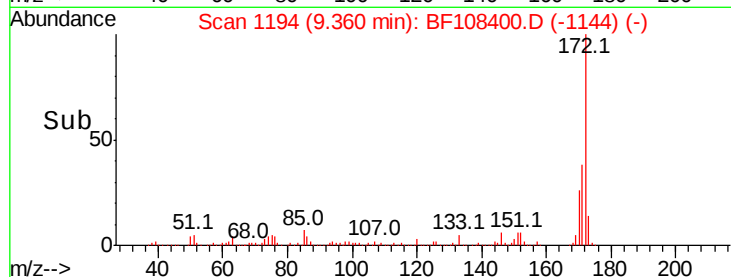
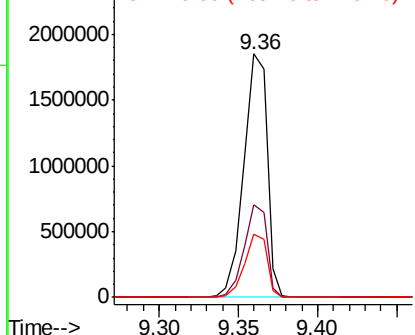
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1894024

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.7	44.5
170	25.7	19.6	29.4



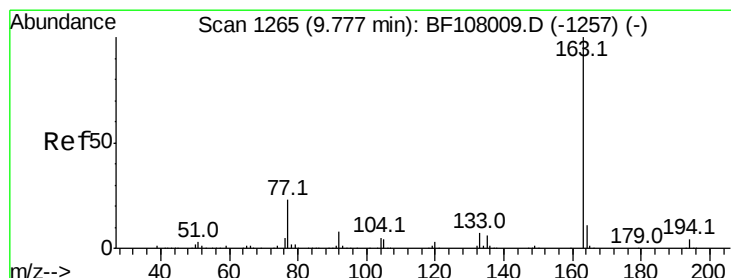
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



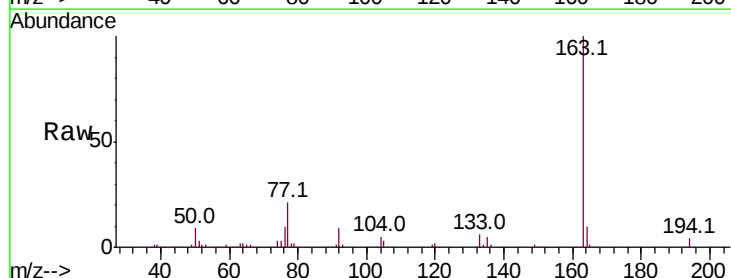
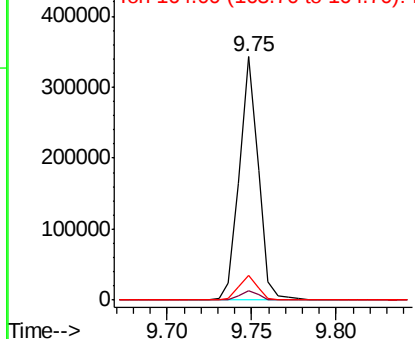
#49
 Dimethylphthalate
 Concen: 14.477 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.02 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

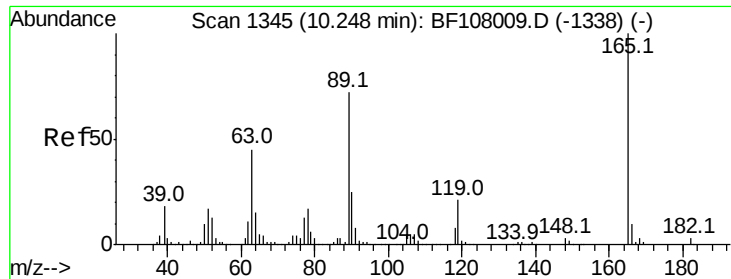
Tgt Ion:163 Resp: 266836

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.3	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

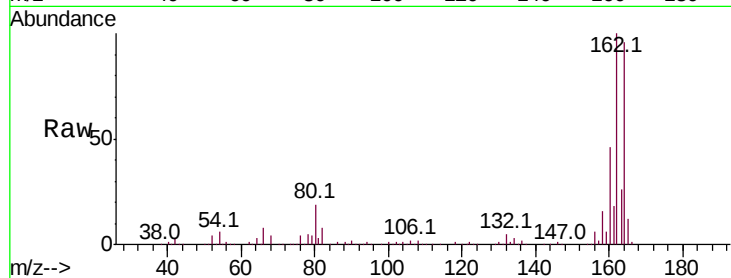




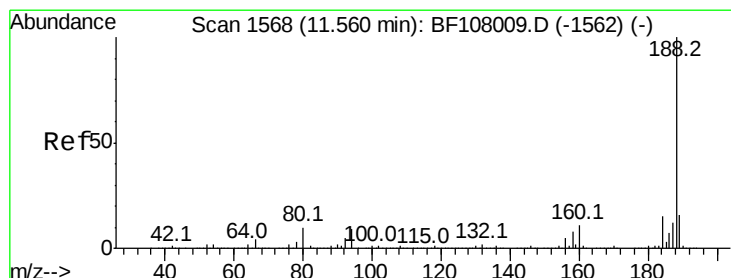
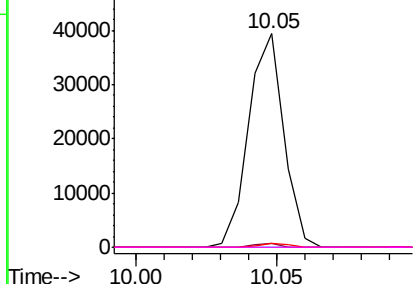
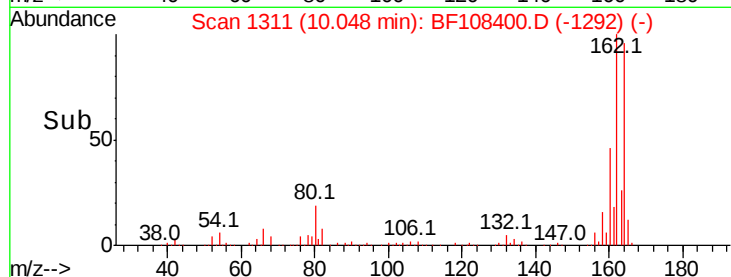
#56
 2,4-Dinitrotoluene
 Concen: 6.857 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.19 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34038
 Ion Ratio Lower Upper
 165 100
 63 1.8 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

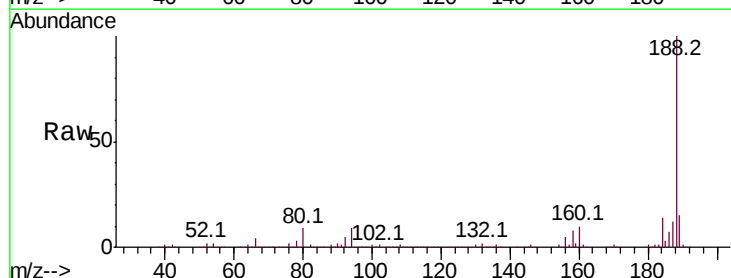


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

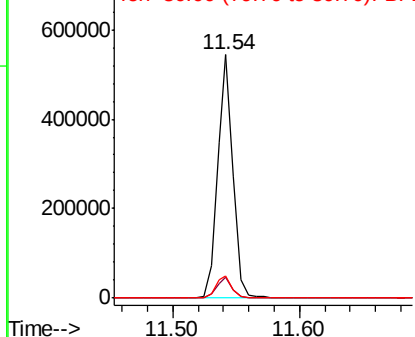
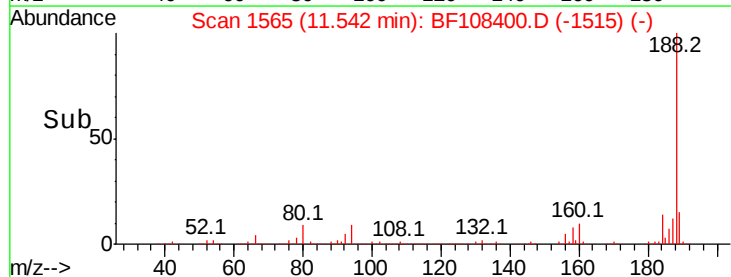


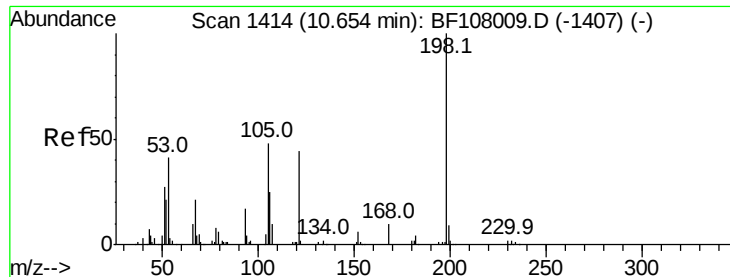
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

Tgt Ion:188 Resp: 460872
 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

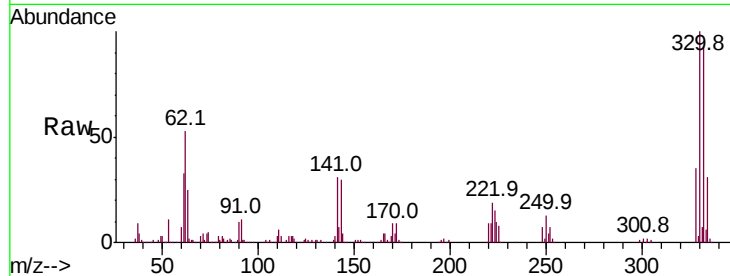




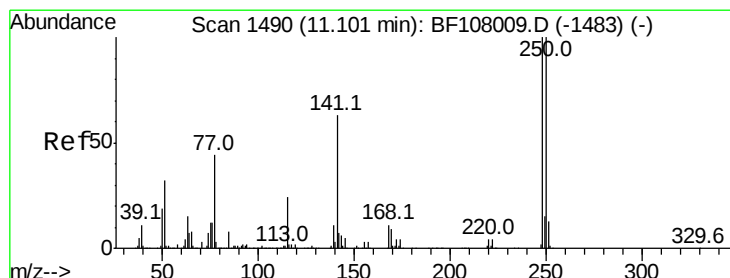
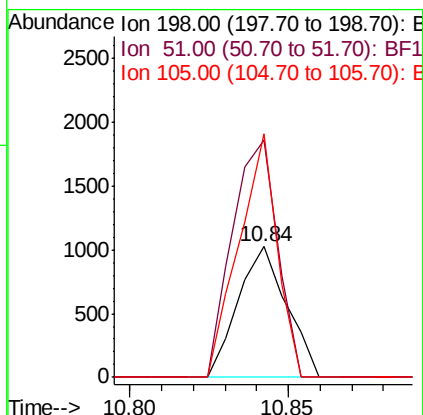
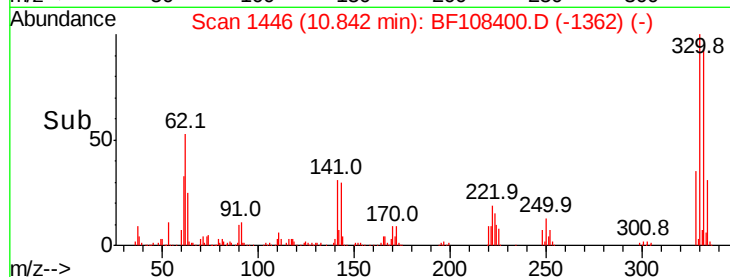
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.917 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. 0.19 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 1088
 Ion Ratio Lower Upper
 198 100
 51 181.3 37.7 77.7#
 105 186.4 36.3 76.3#

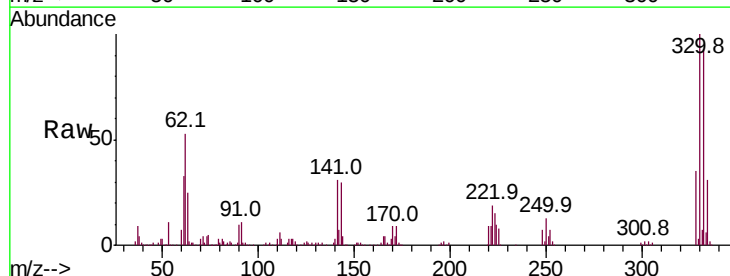


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

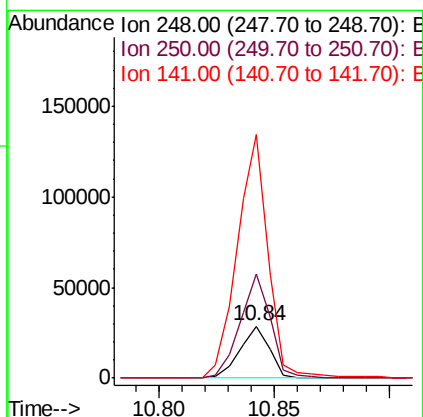
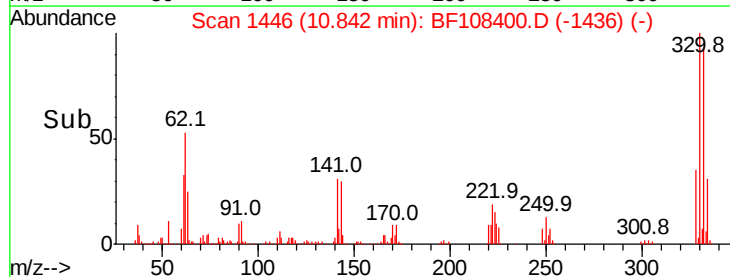


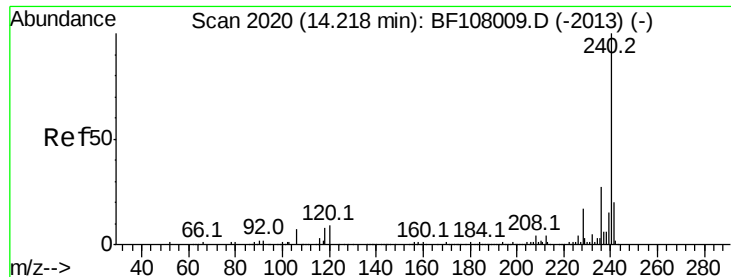
#66
 4-Bromophenyl-phenylether
 Concen: 5.158 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108400.D
 Acq: 22 Aug 2018 23:00

Tgt Ion:248 Resp: 25834
 Ion Ratio Lower Upper
 248 100
 250 200.9 76.9 115.3#
 141 471.4 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: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108400.D

Acq: 22 Aug 2018 23:00

Instrument :

BNA_F

ClientSampleId :

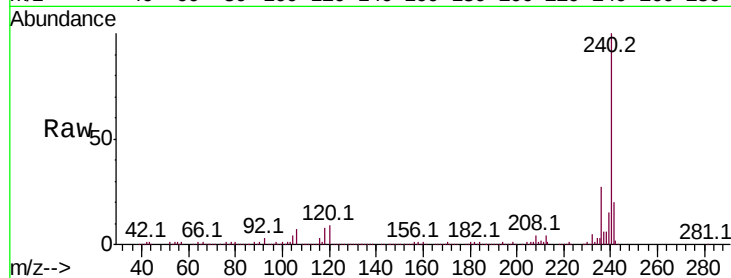
Tot Ion:240 Resp: 308660

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

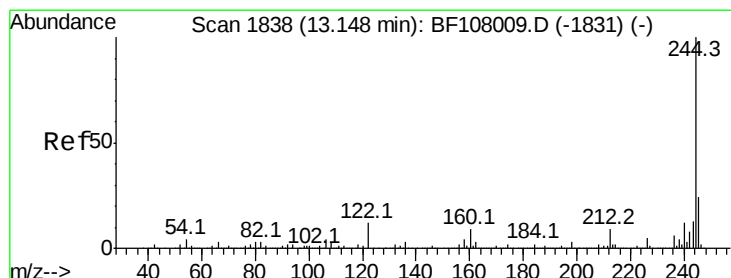
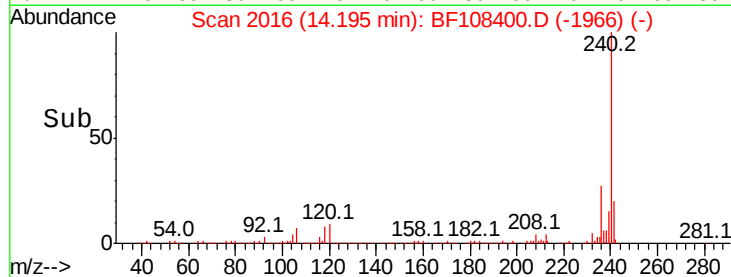
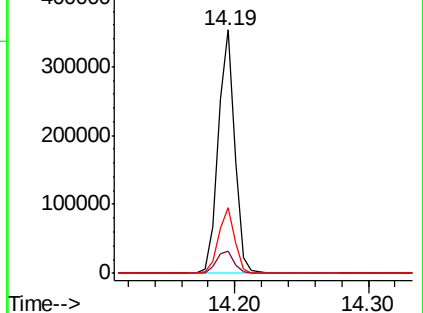
236 27.0 20.7 31.1



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: 135.121 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108400.D

Acq: 22 Aug 2018 23:00

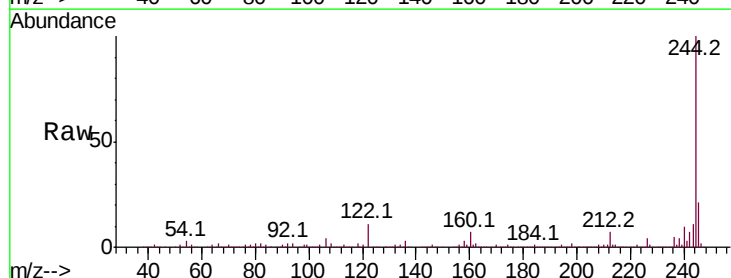
Tgt Ion:244 Resp: 1640328

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

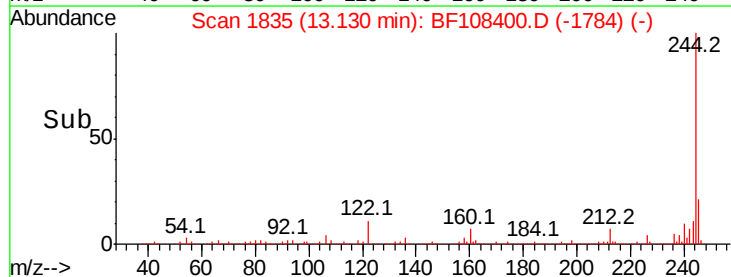
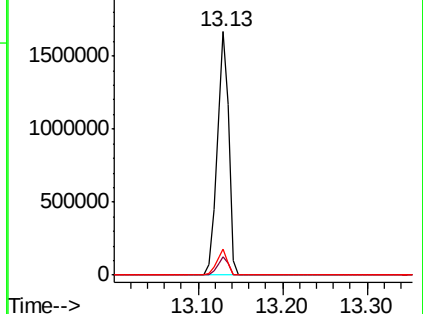
122 10.6 11.0 16.4#

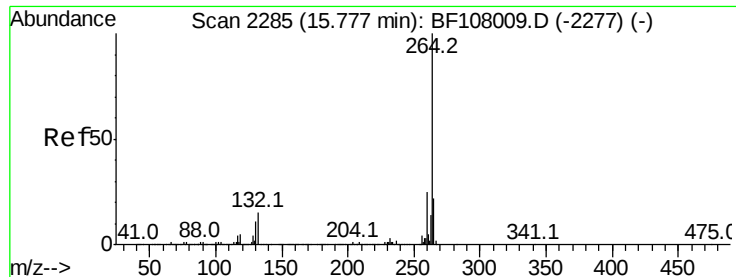


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF108400.D
Acq: 22 Aug 2018 23:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

