

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108385.D
 Acq On : 22 Aug 2018 16:12
 Operator : JU/SJ
 Sample : TEST01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 17:07:14 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

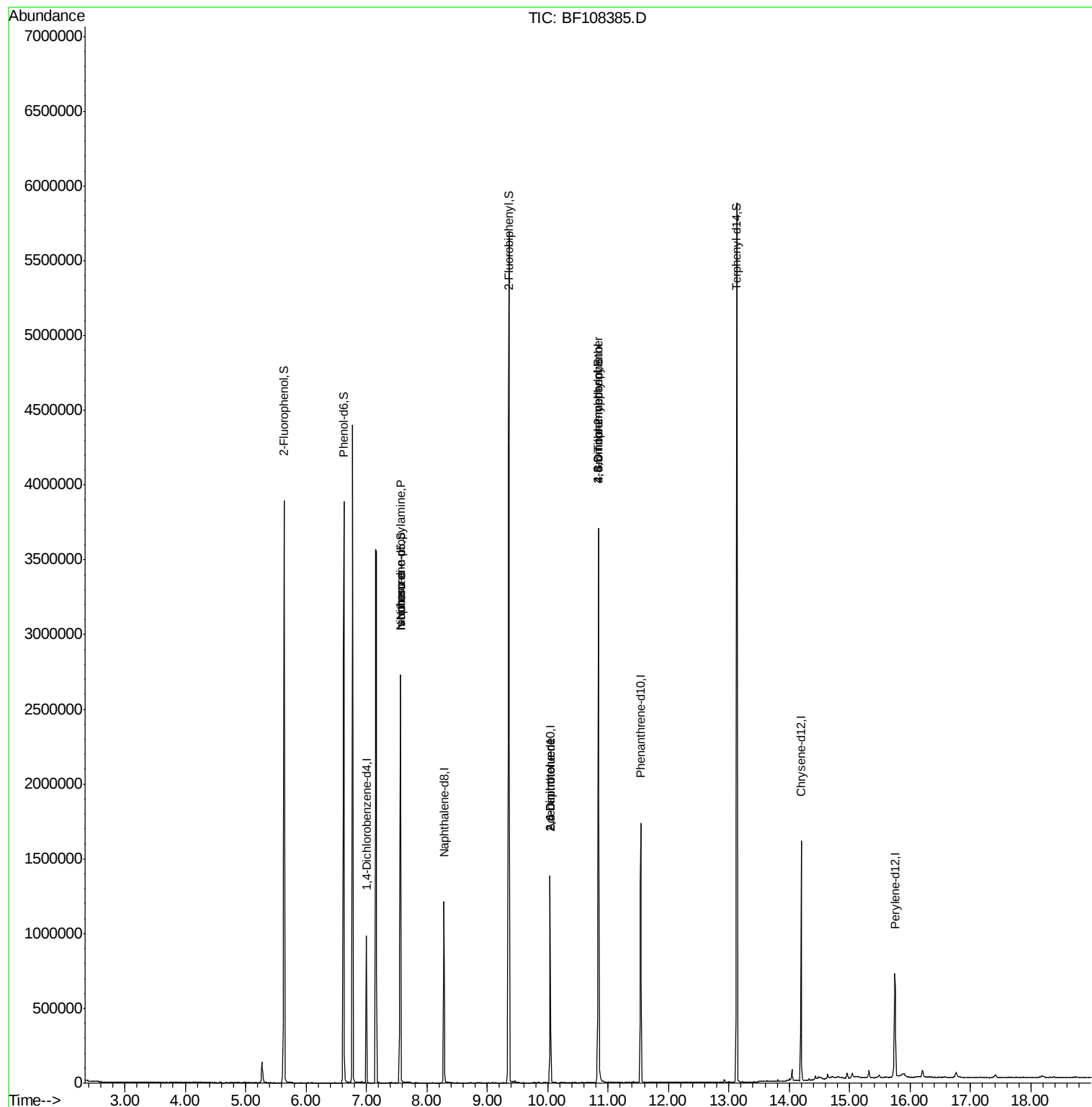
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	147937	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	558435	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	294938	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	625386	20.00	ng	0.00
75) Chrysene-d12	14.19	240	523121	20.00	ng	0.00
86) Perylene-d12	15.75	264	351120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1145026	140.13	ng	0.00
7) Phenol-d6	6.62	99	1527197	140.65	ng	0.00
23) Nitrobenzene-d5	7.57	82	1025017	102.42	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	500873	170.25	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1949152	106.10	ng	0.00
78) Terphenyl-d14	13.14	244	2326408	113.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	140645	19.154	ng	# 81
25) Isophorone	7.57	82	1019798	53.463	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	36787	8.558	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	36787	6.649	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	1073	5.765	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	33210	4.886	ng	# 1

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

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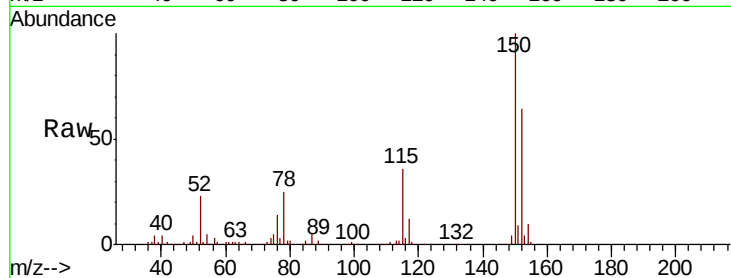


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	56.2	50.1	75.1

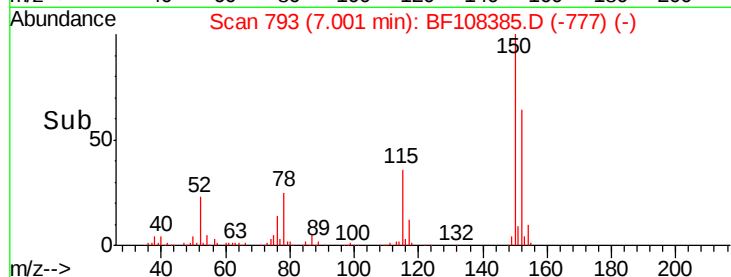
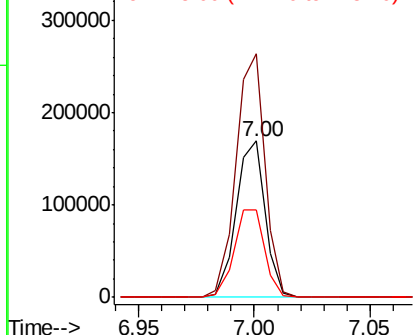


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

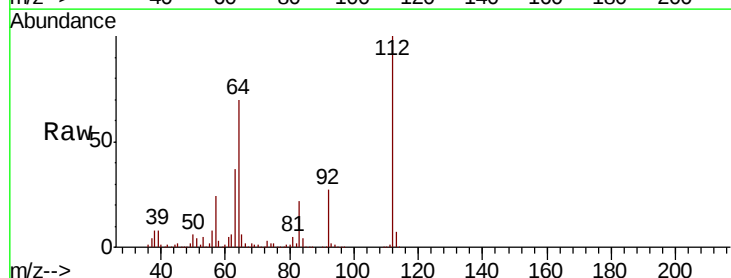
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 140.128 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	47.9	71.9
63	37.4	23.7	35.5

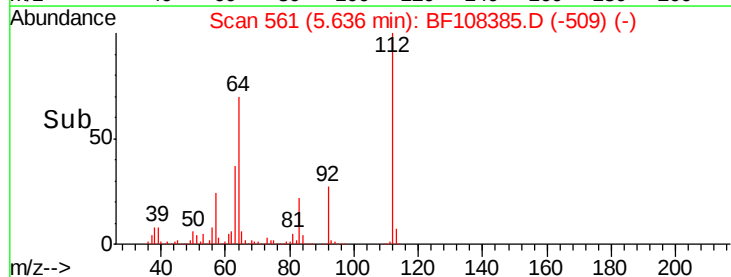
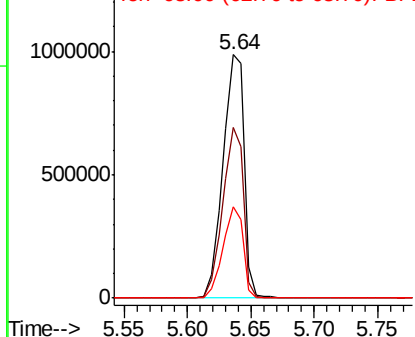


Abundance

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: 140.645 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

Instrument :

BNA_F

ClientSampleId :

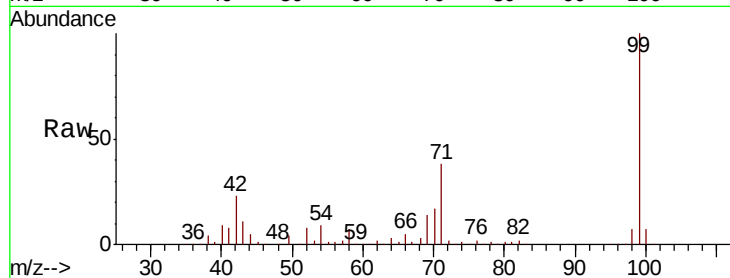
Tot Ion: 99 Resp: 1527197

Ion Ratio Lower Upper

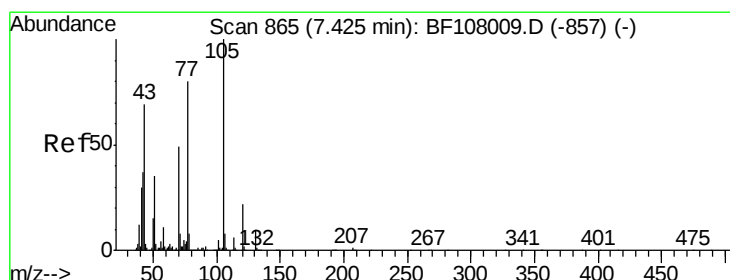
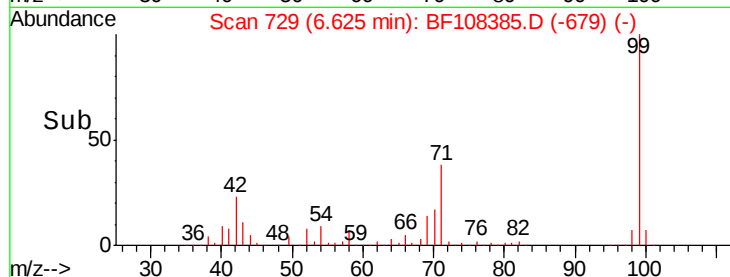
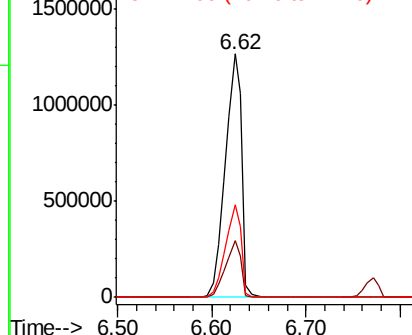
99 100

42 23.1 14.5 21.7#

71 38.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 19.154 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

Tgt Ion: 70 Resp: 140645

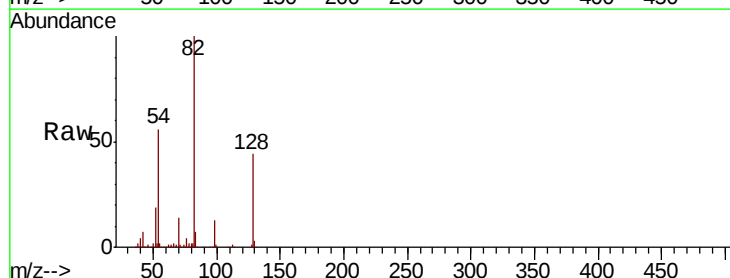
Ion Ratio Lower Upper

70 100

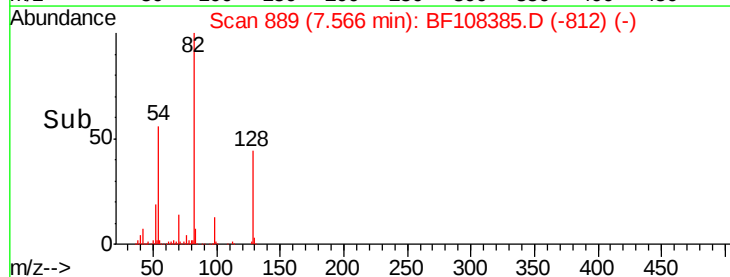
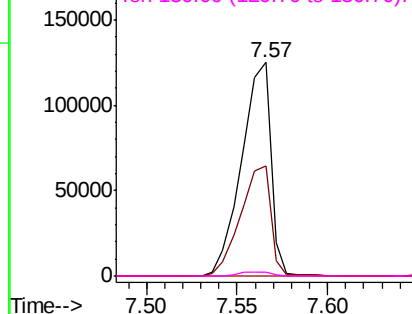
42 51.3 47.5 71.3

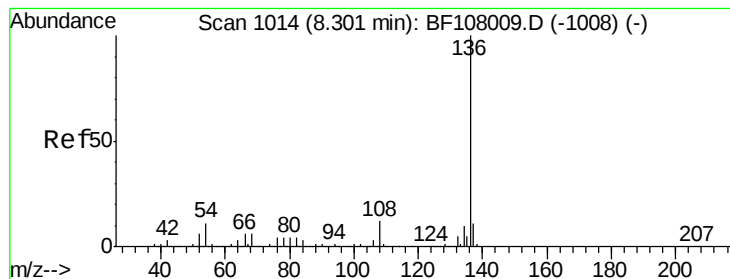
101 0.0 7.4 11.2#

130 1.8 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. -0.01 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 558435

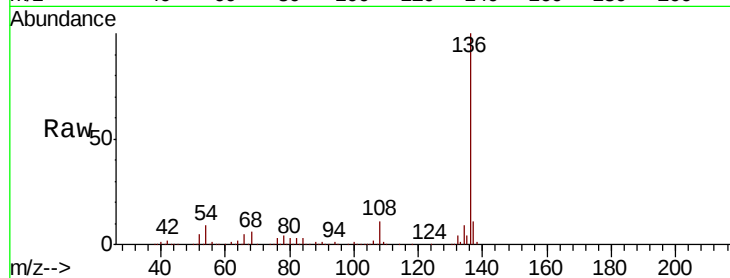
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 5.6 5.0 7.4

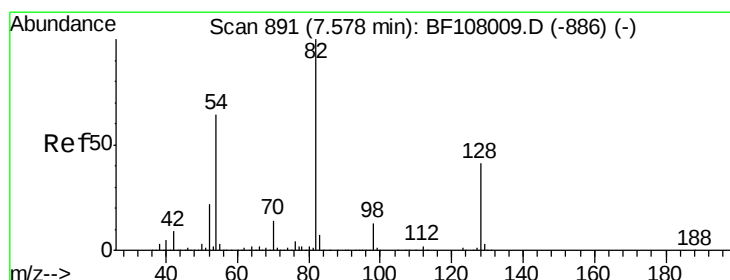
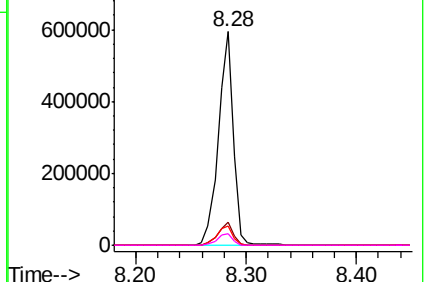
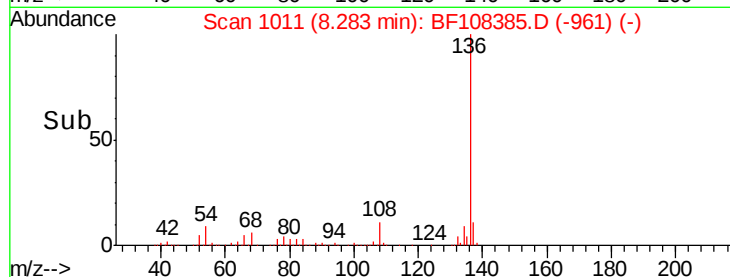


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.425 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

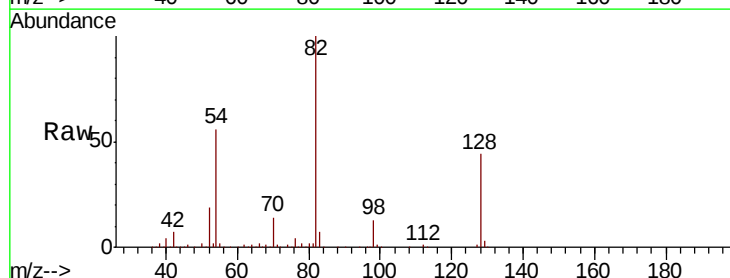
Tgt Ion: 82 Resp: 1025017

Ion Ratio Lower Upper

82 100

128 43.9 36.1 54.1

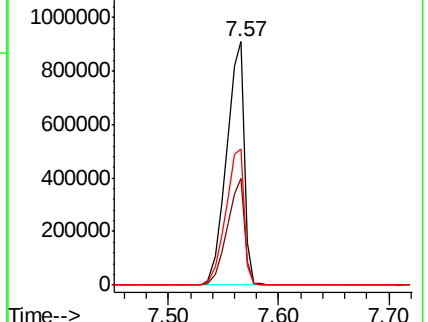
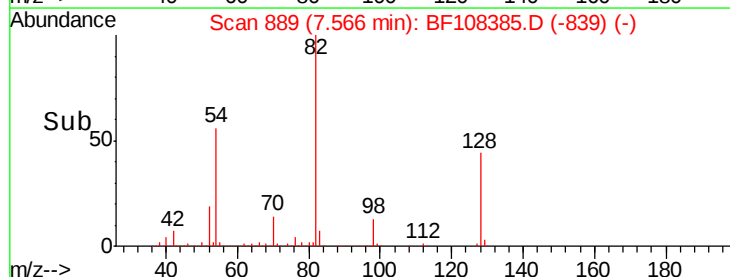
54 55.9 41.4 62.2



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: 53.463 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

Instrument :

BNA_F

ClientSampleId :

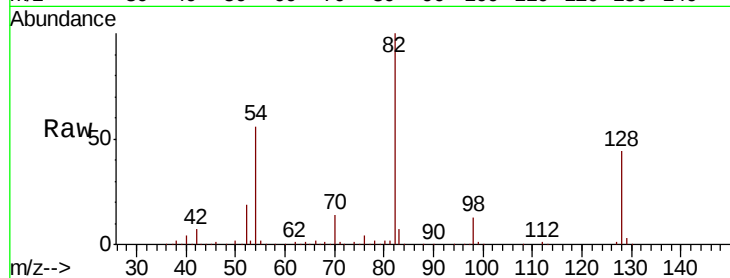
Tot Ion: 82 Resp: 1019798

Ion Ratio Lower Upper

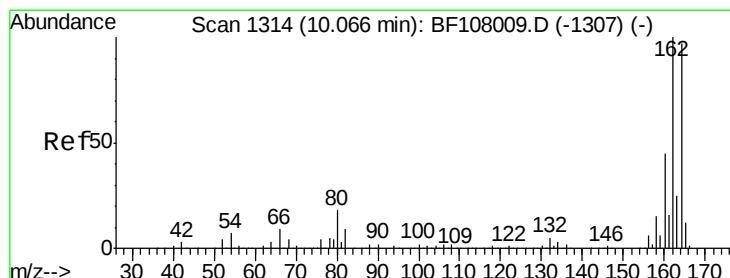
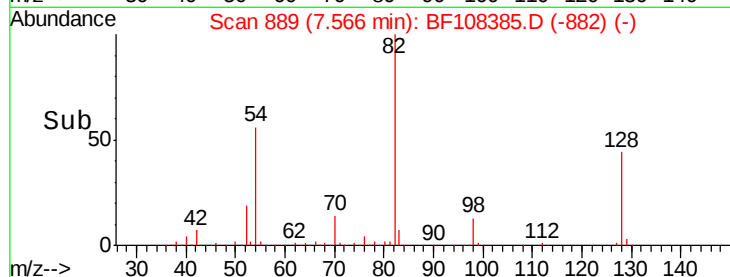
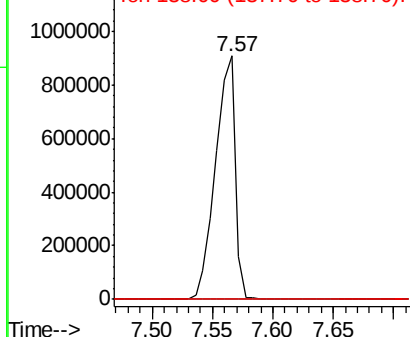
82 100

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: BF108385.D

Acq: 22 Aug 2018 16:12

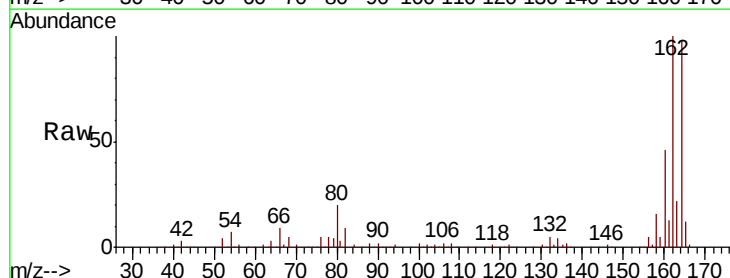
Tgt Ion:164 Resp: 294938

Ion Ratio Lower Upper

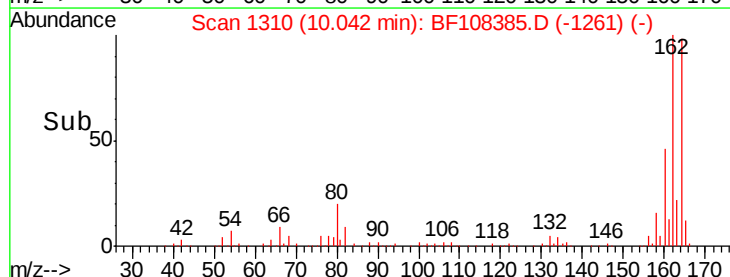
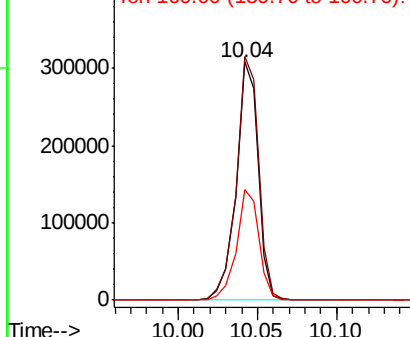
164 100

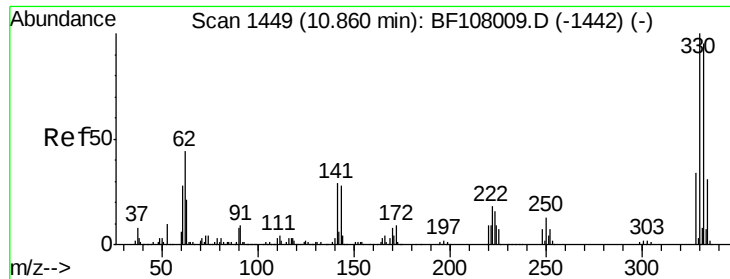
162 102.3 86.1 129.1

160 46.7 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

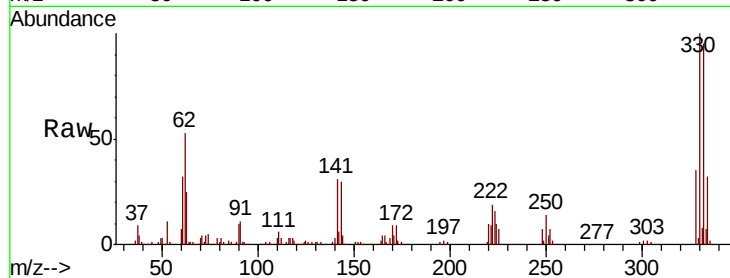




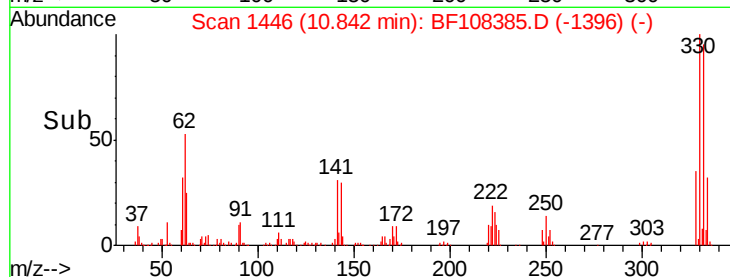
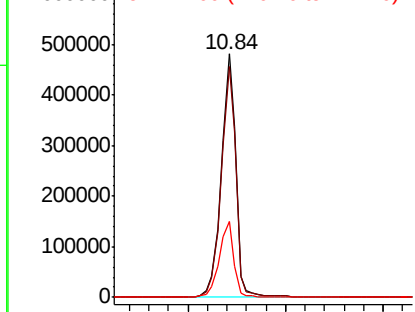
#41
 2,4,6-Tribromophenol
 Concen: 170.253 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108385.D
 Acq: 22 Aug 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	31.5	29.9	44.9

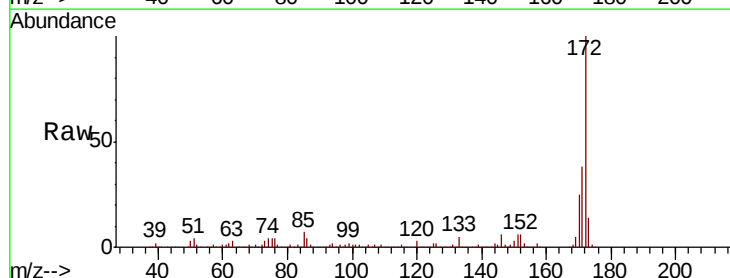


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

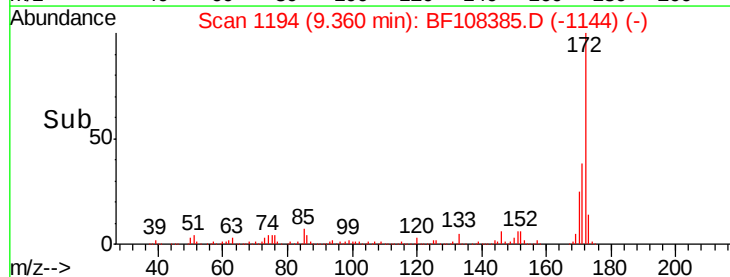
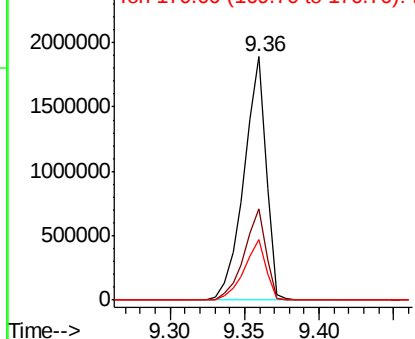


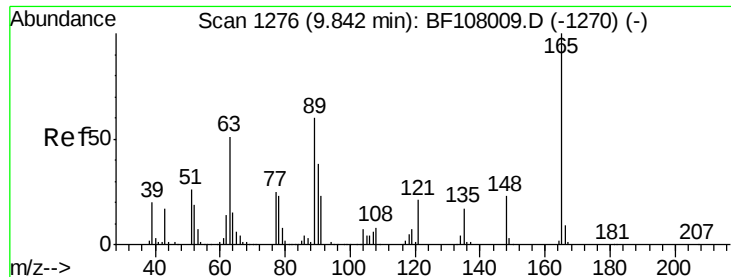
#44
 2-Fluorobiphenyl
 Concen: 106.100 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108385.D
 Acq: 22 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.0	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

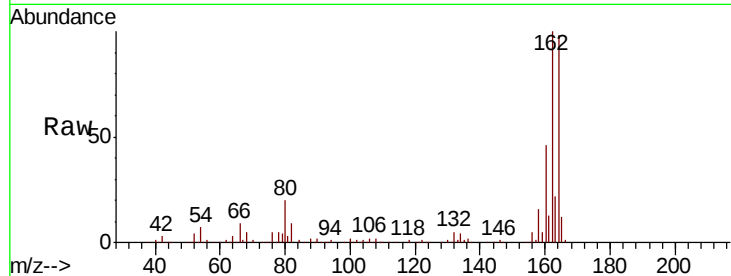




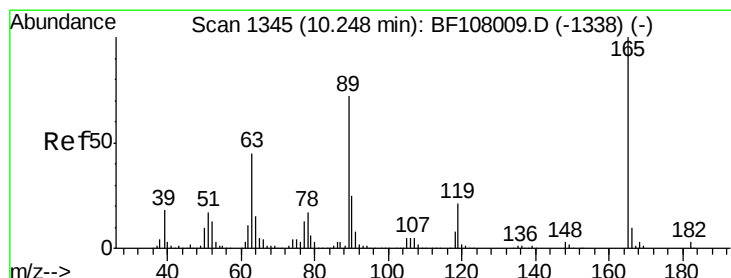
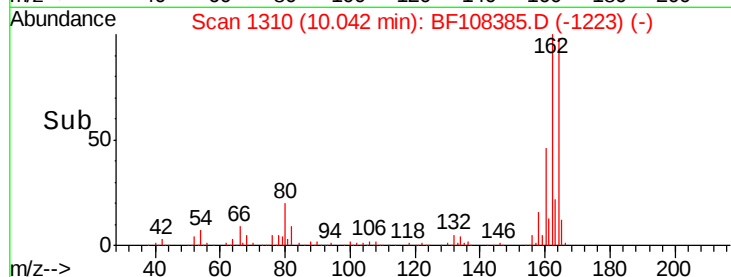
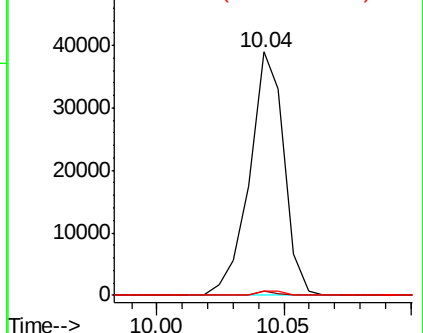
#50
 2,6-Dinitrotoluene
 Concen: 8.558 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108385.D
 Acq: 22 Aug 2018 16:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



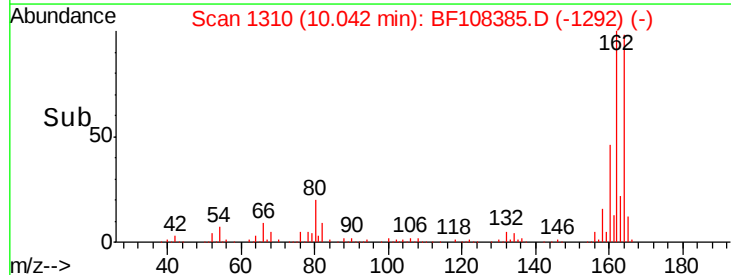
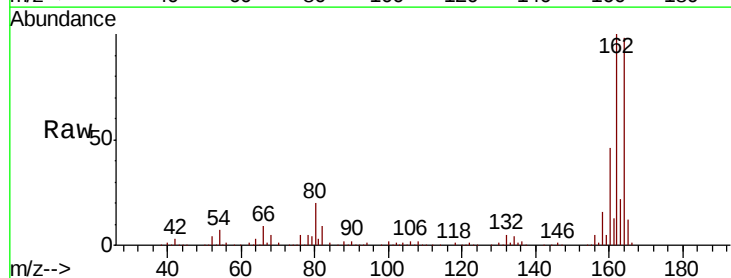
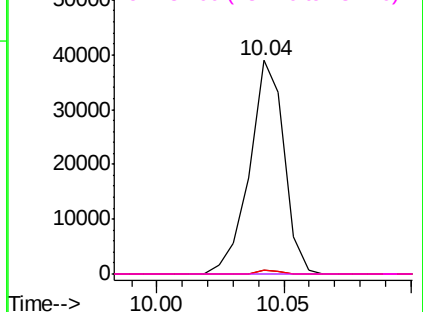
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

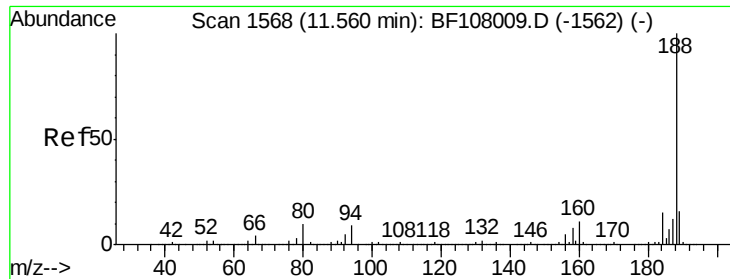


#56
 2,4-Dinitrotoluene
 Concen: 6.649 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108385.D
 Acq: 22 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	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

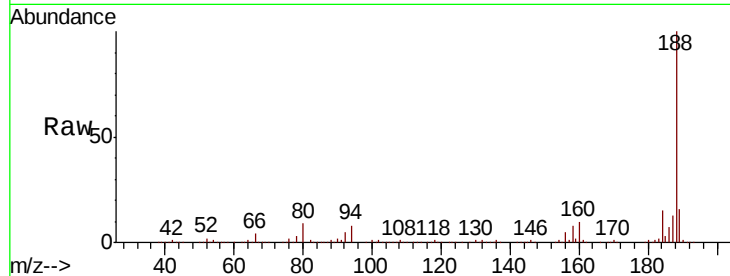




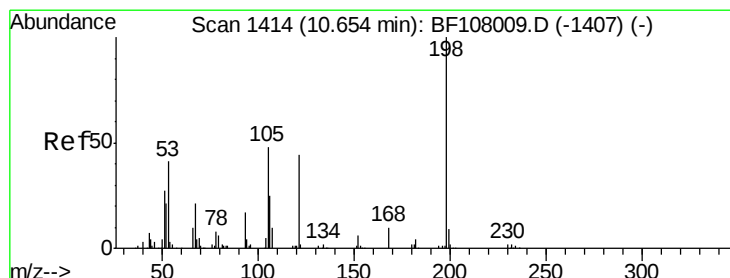
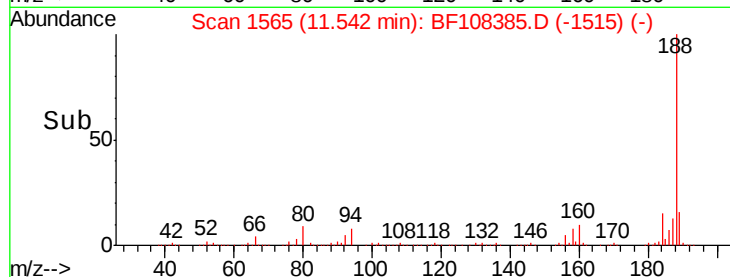
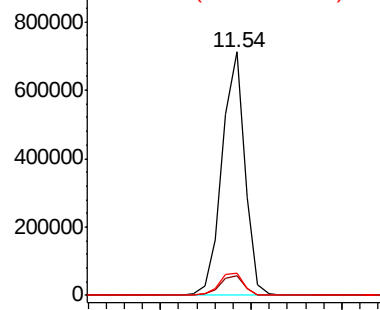
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 625386
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.2 9.2 13.8

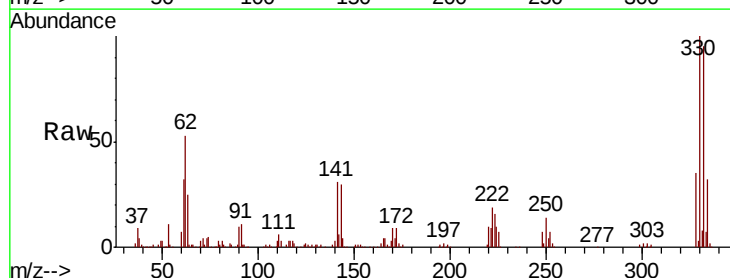


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

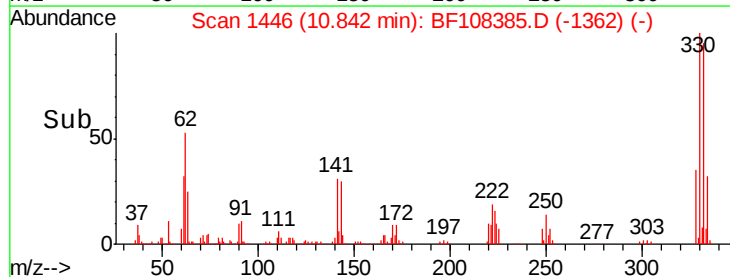
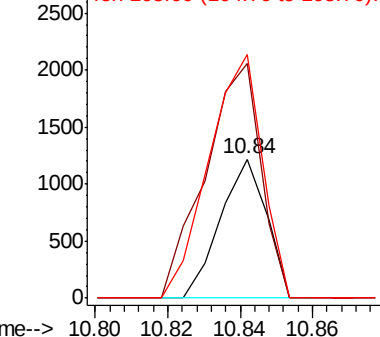


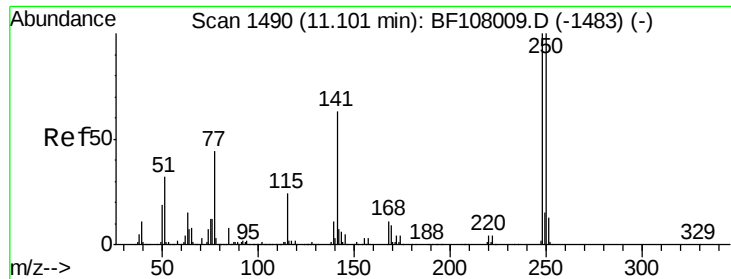
#64
4,6-Dinitro-2-methylphenol
Concen: 5.765 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Tgt Ion:198 Resp: 1073
Ion Ratio Lower Upper
198 100
51 169.4 37.7 77.7#
105 175.4 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

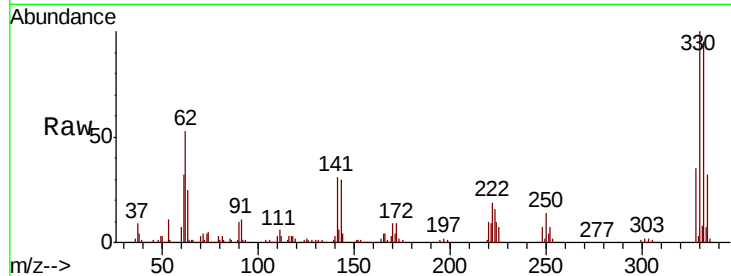




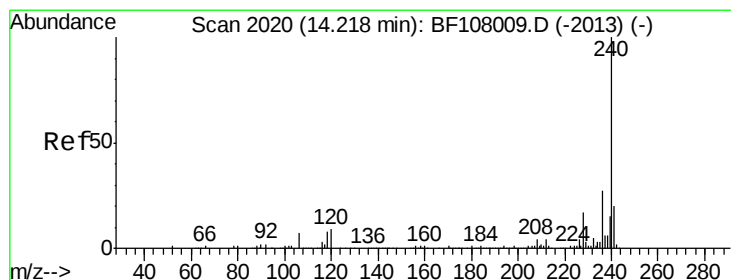
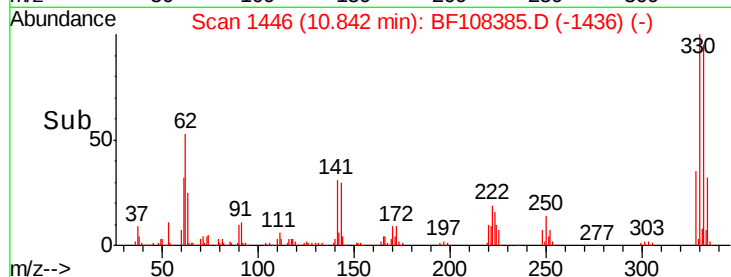
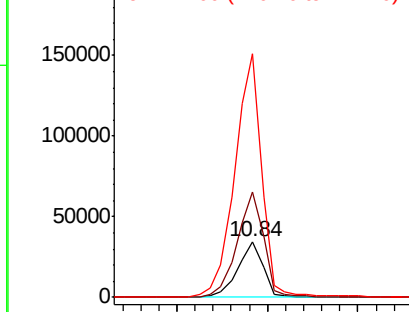
#66
4-Bromophenyl-phenylether
Concen: 4.886 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.24 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 33210
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 438.2 74.4 111.6#

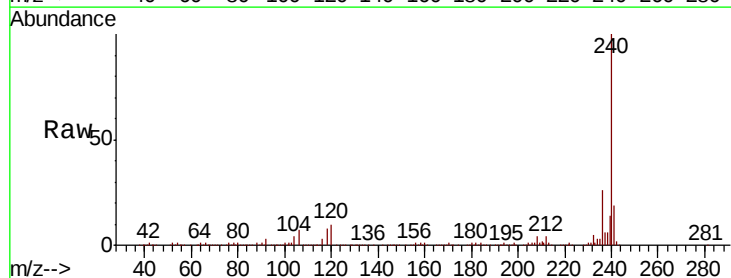


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

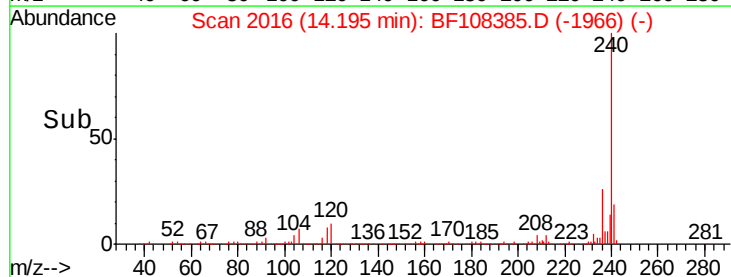
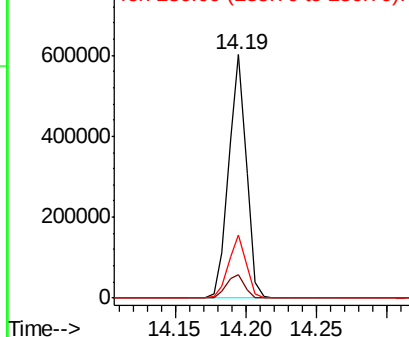


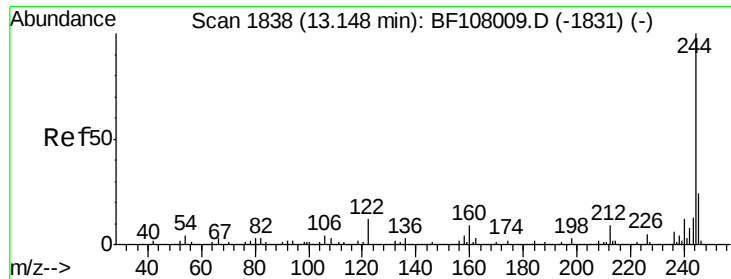
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108385.D
Acq: 22 Aug 2018 16:12

Tgt Ion:240 Resp: 523121
Ion Ratio Lower Upper
240 100
120 9.5 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: 113.072 ng

RT: 13.14 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF108385.D

Acq: 22 Aug 2018 16:12

Instrument :

BNA_F

ClientSampleId :

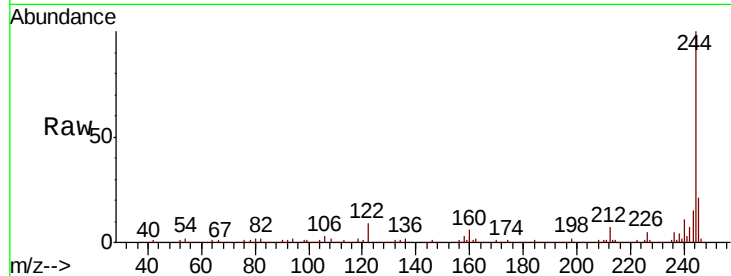
Tot Ion:244 Resp: 2326408

Ion Ratio Lower Upper

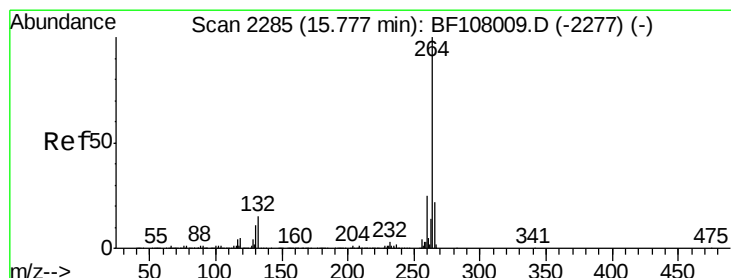
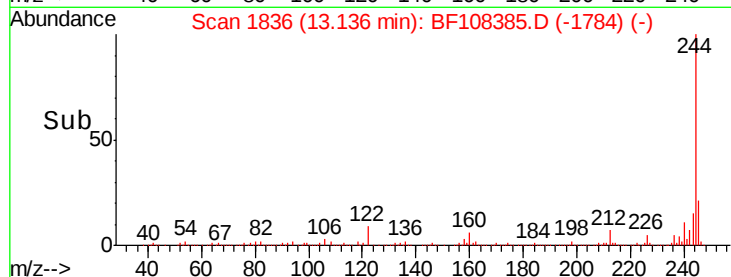
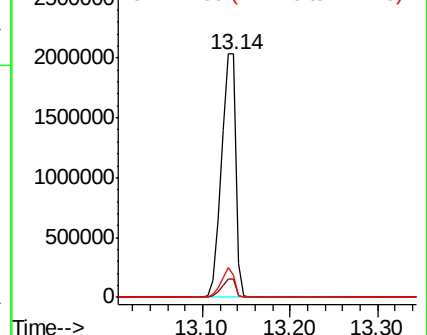
244 100

212 7.3 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: BF108385.D

Acq: 22 Aug 2018 16:12

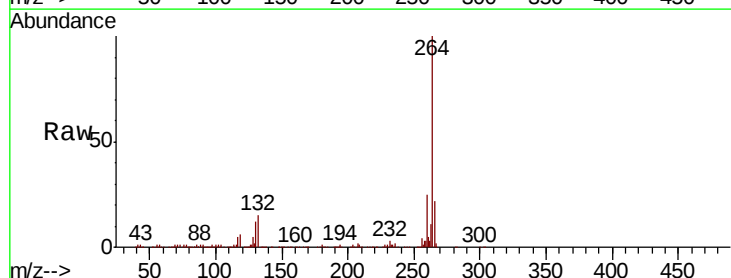
Tgt Ion:264 Resp: 351120

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

265 21.7 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

