

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108329.D
 Acq On : 21 Aug 2018 10:50
 Operator : JU/SJ
 Sample : J4500-20RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Aug 21 11:29:11 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 08 12:24:24 2018
 Response via : Initial Calibration

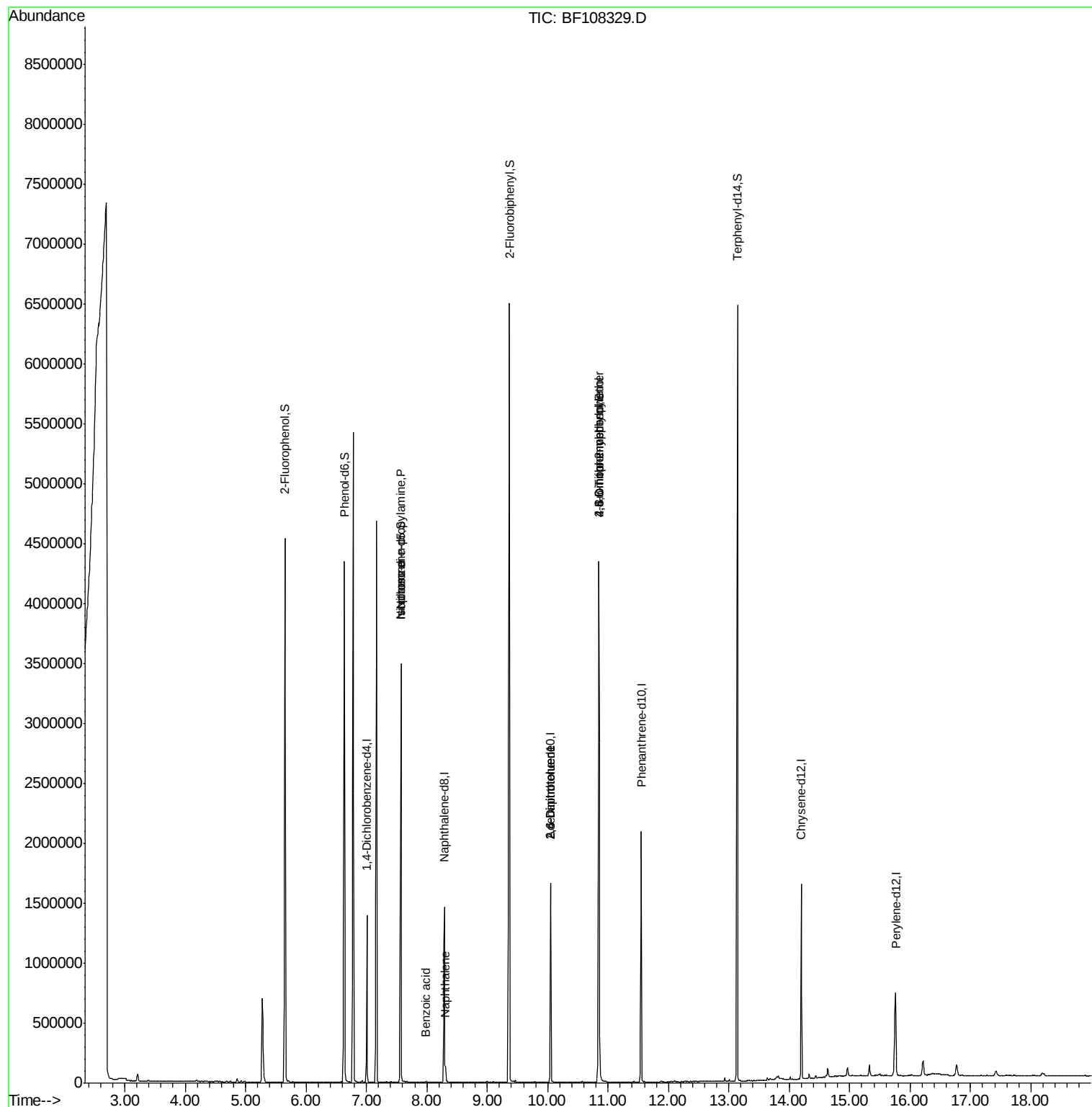
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	181900	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	670702	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	346965	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	718373	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	520011	20.00	ng	-0.02
86) Perylene-d12	15.76	264	359325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1292467	128.64	ng	0.02
7) Phenol-d6	6.64	99	1527501	114.41	ng	0.00
23) Nitrobenzene-d5	7.57	82	1278365	106.36	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	601967	173.93	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2220528	102.75	ng	-0.01
78) Terphenyl-d14	13.14	244	2588298	126.55	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	177926	19.707	ng	# 81
25) Isophorone	7.57	82	1275727	55.685	ng	# 64
31) Naphthalene	8.31	128	68494	2.246	ng	# 99
32) Benzoic acid	7.98	122	2223	6.304	ng	# 79
50) 2,6-Dinitrotoluene	10.05	165	44443	8.789	ng	# 25
56) 2,4-Dinitrotoluene	10.05	165	44443	6.828	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1321	5.794	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	40526	5.191	ng	# 1

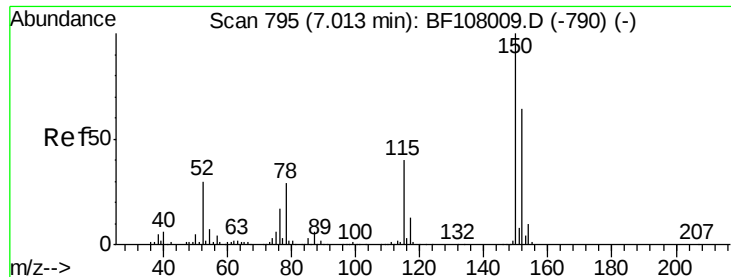
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108329.D
Acq On : 21 Aug 2018 10:50
Operator : JU/SJ
Sample : J4500-20RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Aug 21 11:29:11 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 08 12:24:24 2018
Response via : Initial Calibration



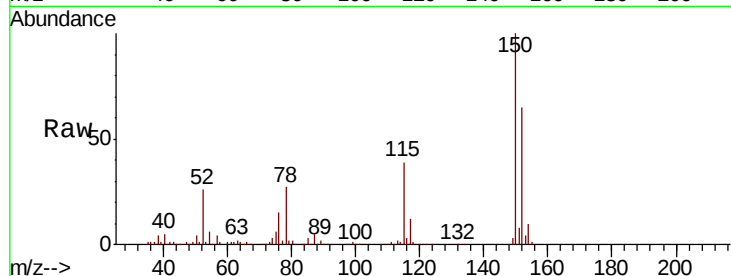


#1

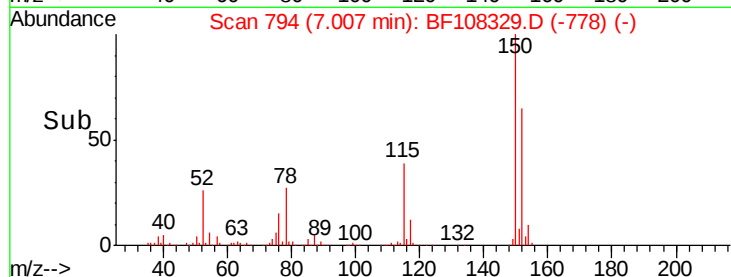
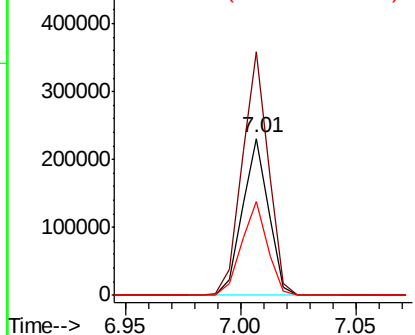
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:152 Resp: 181900
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.7 50.1 75.1



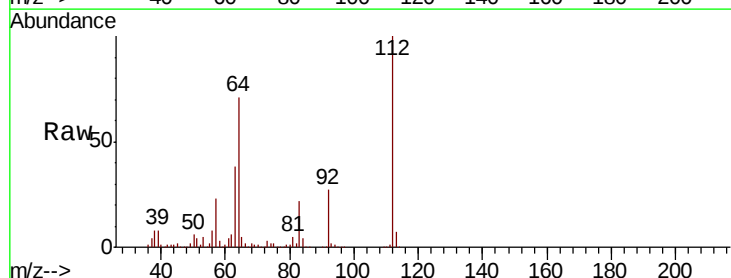
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



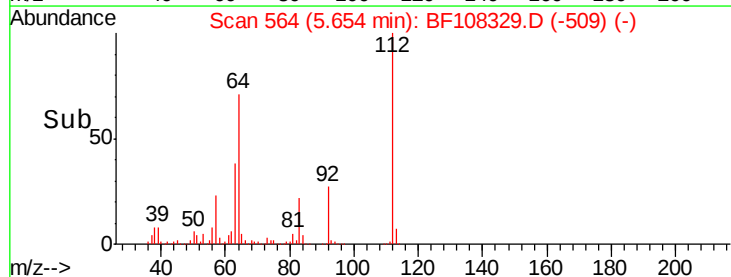
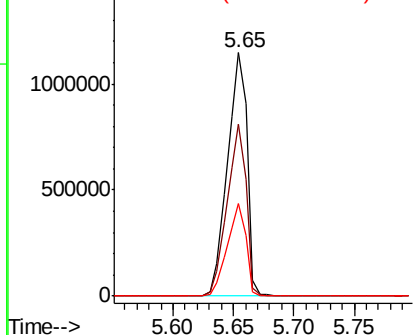
#5

2-Fluorophenol
Concen: 128.640 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Tgt Ion:112 Resp: 1292467
Ion Ratio Lower Upper
112 100
64 70.6 47.9 71.9
63 38.0 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: 114.408 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

Instrument :

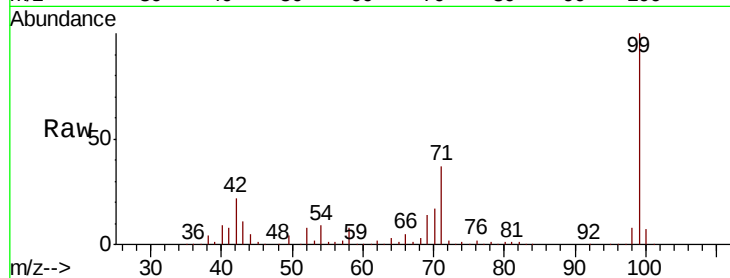
BNA_F

ClientSampleId :

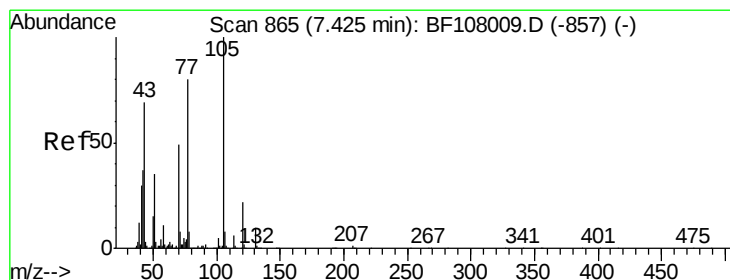
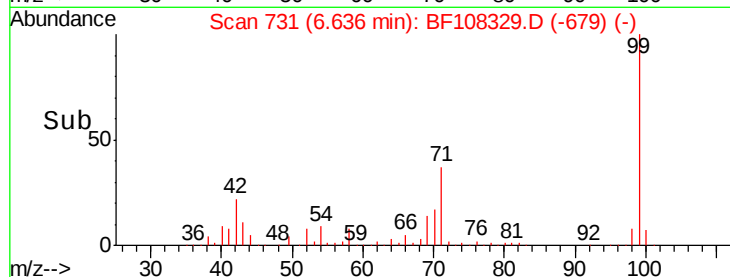
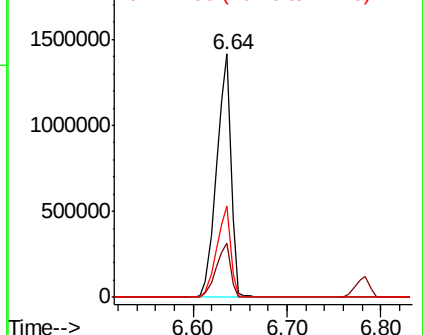
TP-12

Tot Ion: 99 Resp: 1527501

Ion	Ratio	Lower	Upper
99	100		
42	22.4	14.5	21.7#
71	37.4	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: 19.707 ng

RT: 7.57 min Scan# 890

Delta R.T. 0.15 min

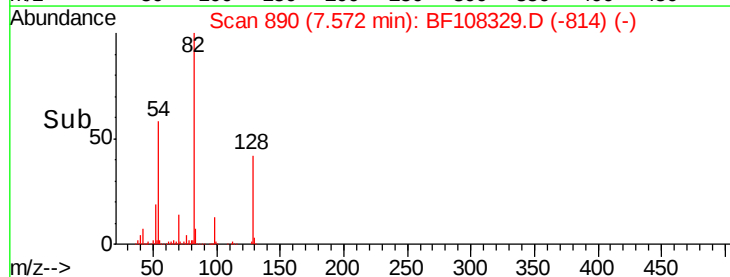
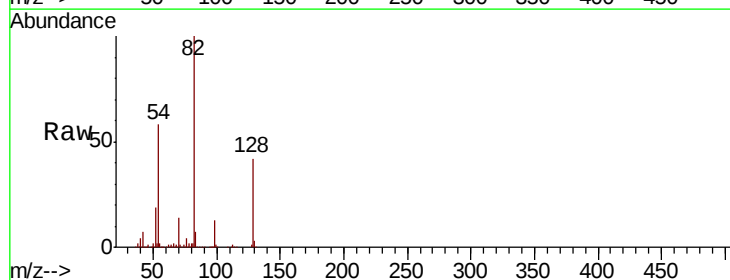
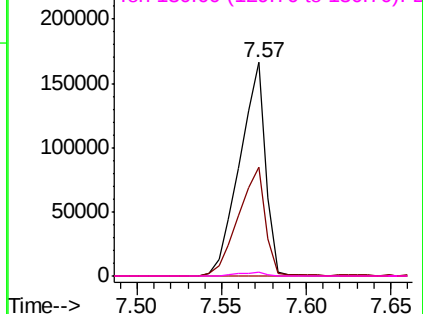
Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

Tgt Ion: 70 Resp: 177926

Ion	Ratio	Lower	Upper
70	100		
42	51.1	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	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: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

TP-12

Tot Ion:136 Resp: 670702

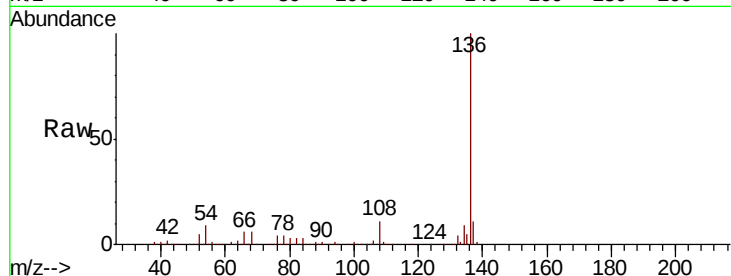
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 5.9 5.0 7.4

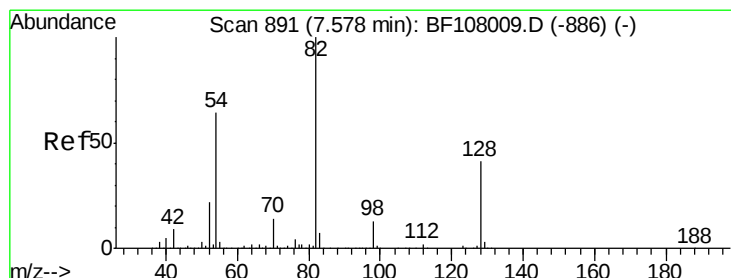
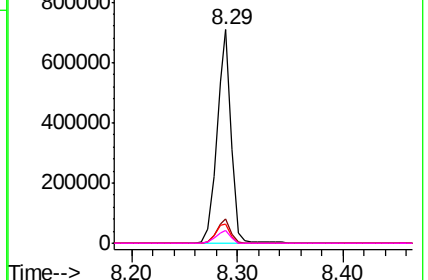
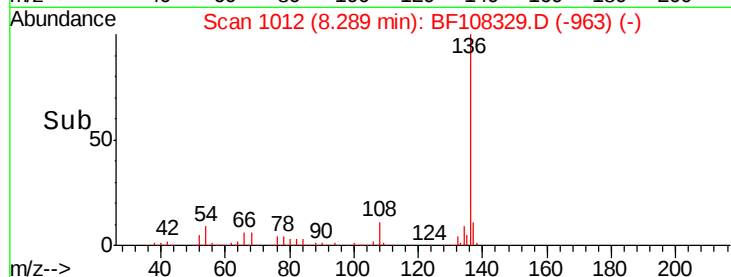


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.358 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

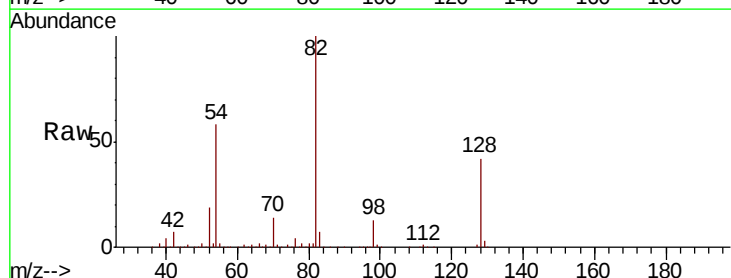
Tgt Ion: 82 Resp: 1278365

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

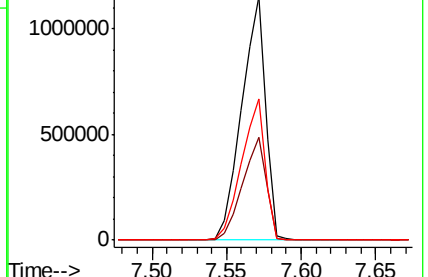
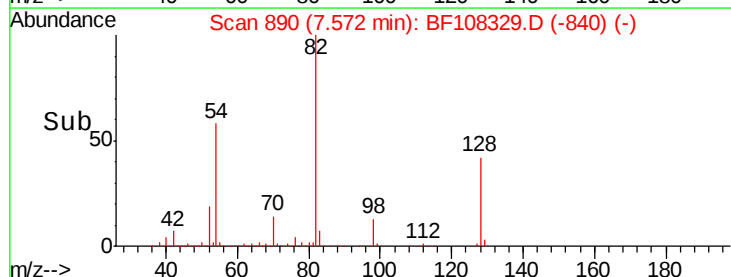
54 58.1 41.4 62.2



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: 55.685 ng

RT: 7.57 min Scan# 890

Delta R.T. -0.26 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

Instrument :

BNA_F

ClientSampleId :

TP-12

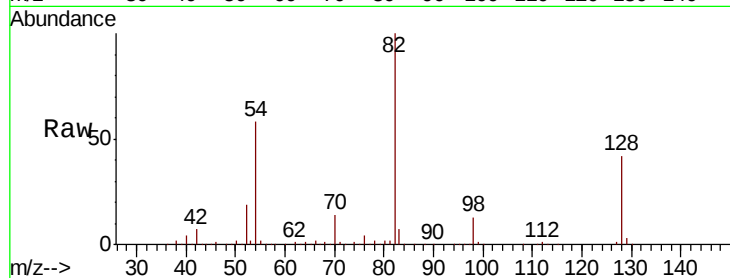
Tot Ion: 82 Resp: 1275727

Ion Ratio Lower Upper

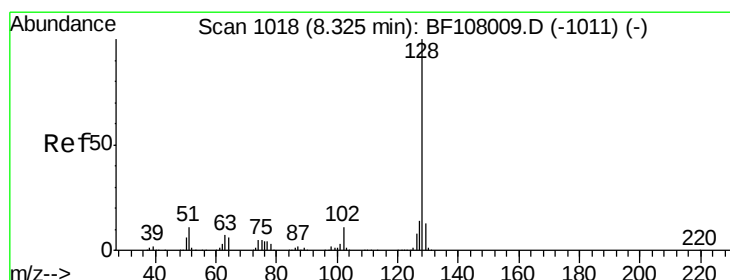
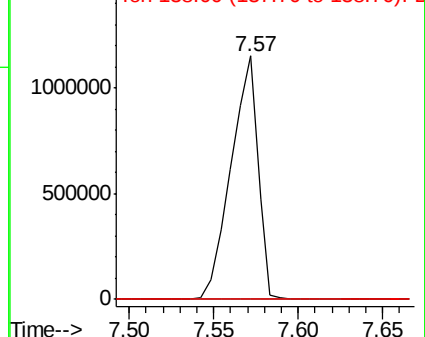
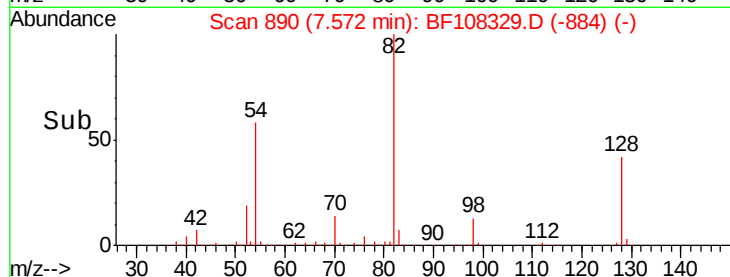
82 100

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



#31

Naphthalene

Concen: 2.246 ng

RT: 8.31 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF108329.D

Acq: 21 Aug 2018 10:50

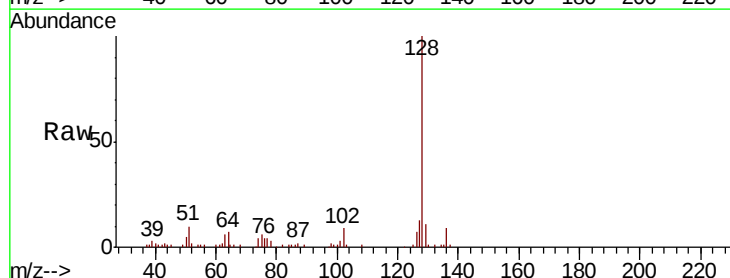
Tgt Ion: 128 Resp: 68494

Ion Ratio Lower Upper

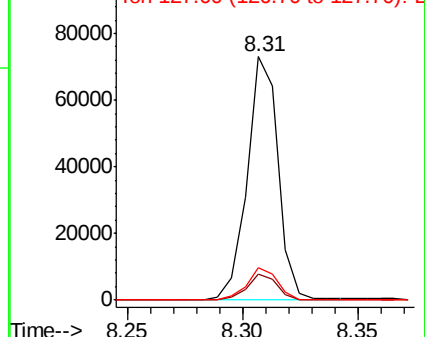
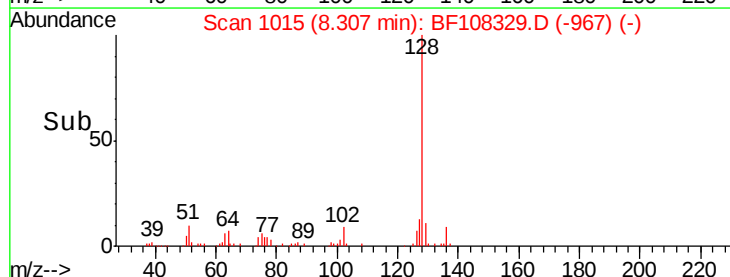
128 100

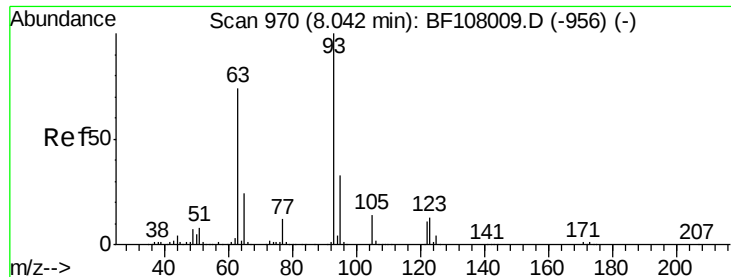
129 10.8 8.8 13.2

127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

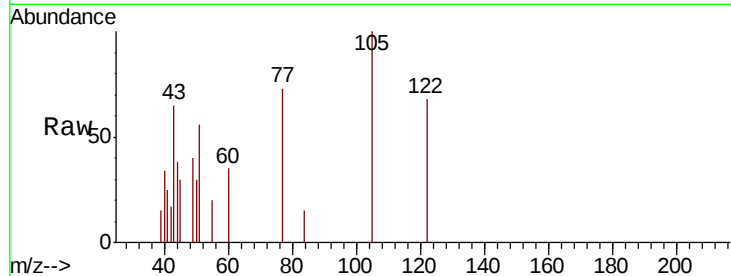




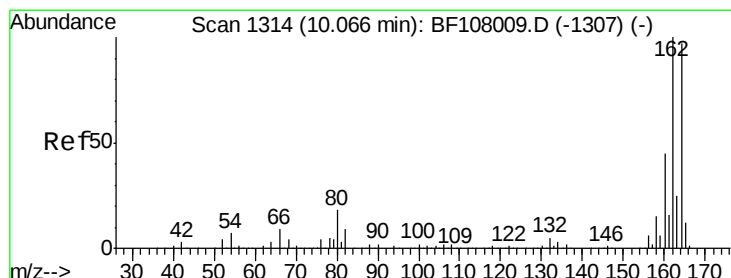
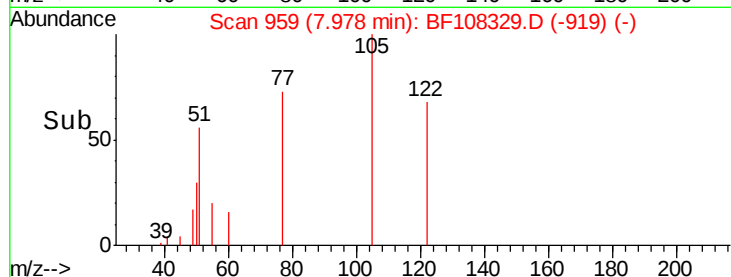
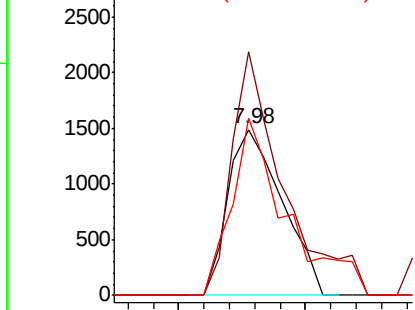
#32
Benzoic acid
Concen: 6.304 ng
RT: 7.98 min Scan# 959
Delta R.T. -0.06 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:122 Resp: 2223
Ion Ratio Lower Upper
122 100
105 147.1 101.1 141.1#
77 106.7 70.7 110.7

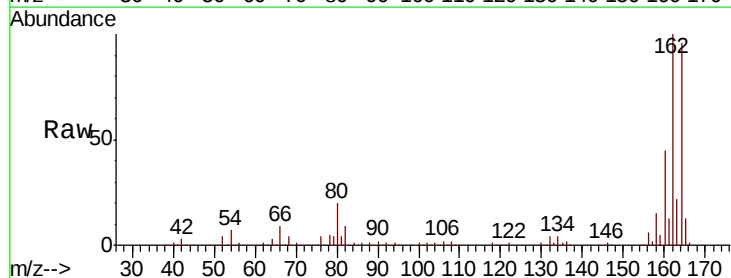


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

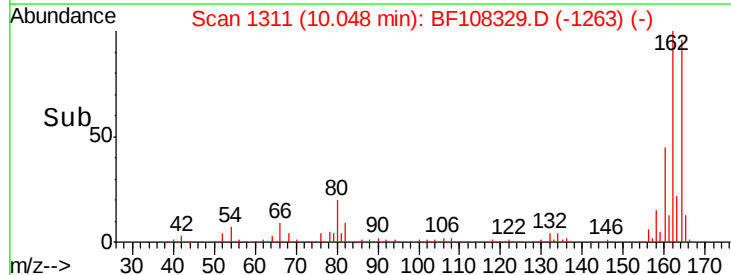
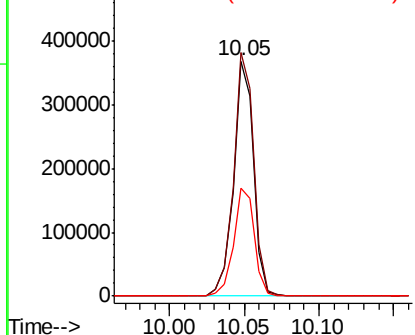


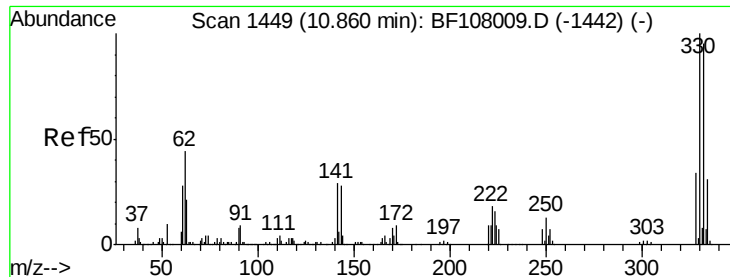
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Tgt Ion:164 Resp: 346965
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.2 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

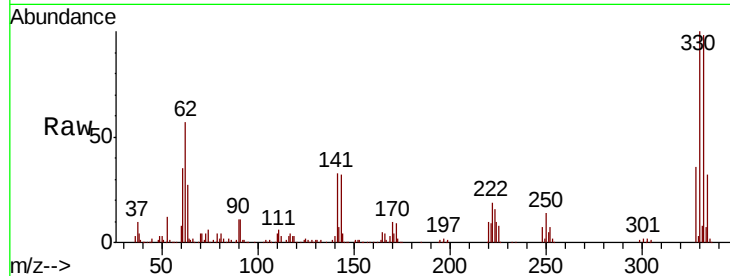




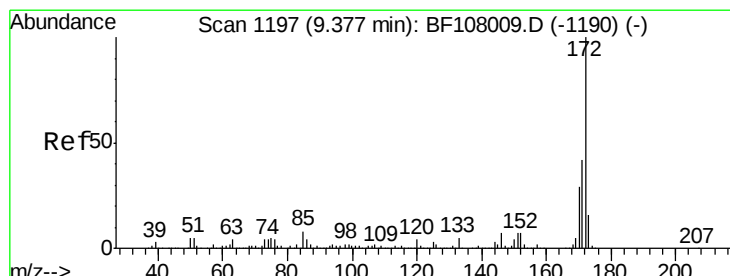
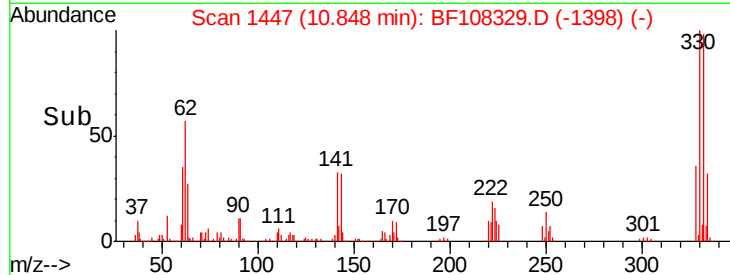
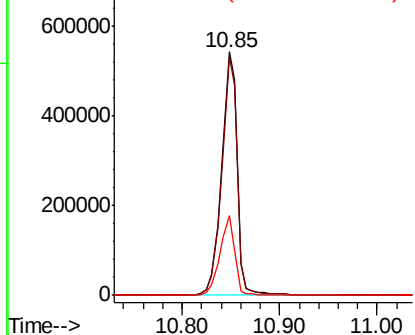
#41
 2,4,6-Tribromophenol
 Concen: 173.934 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	31.5	29.9	44.9

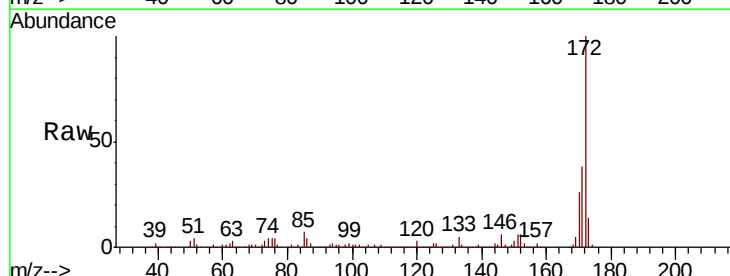


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

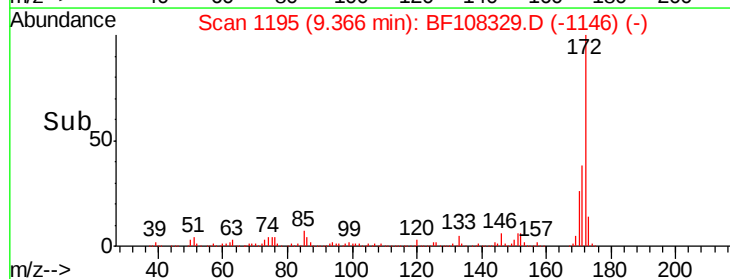
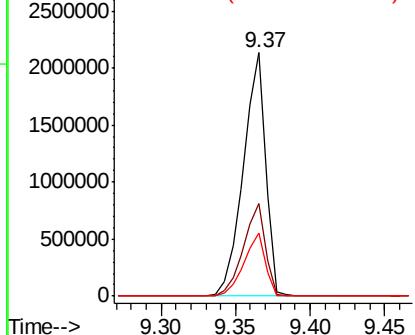


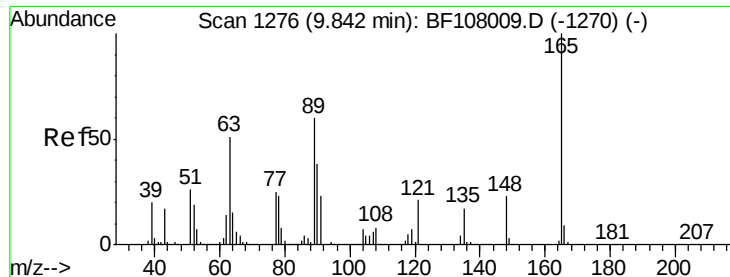
#44
 2-Fluorobiphenyl
 Concen: 102.748 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	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

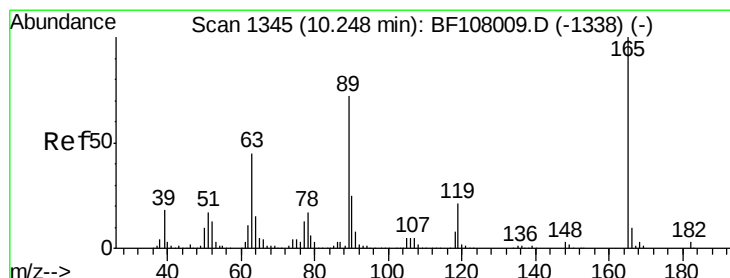
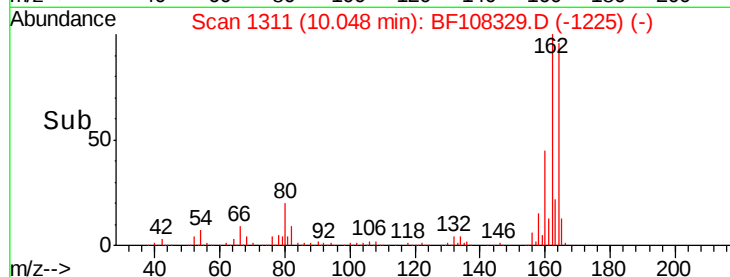
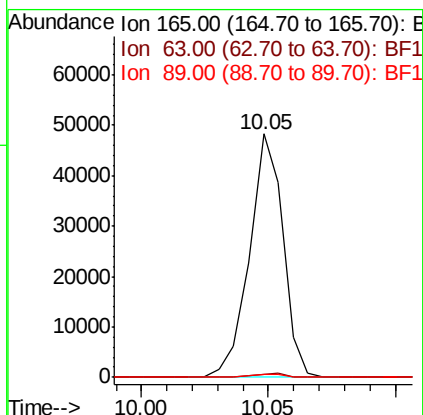
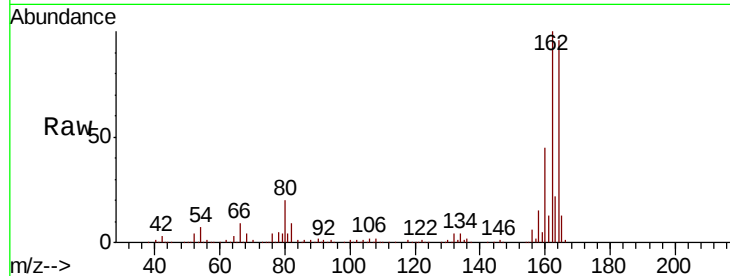




#50
 2,6-Dinitrotoluene
 Concen: 8.789 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. 0.21 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

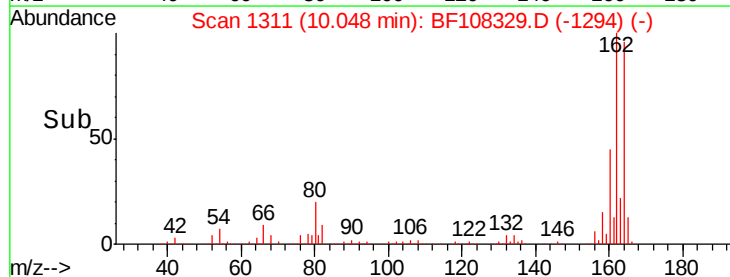
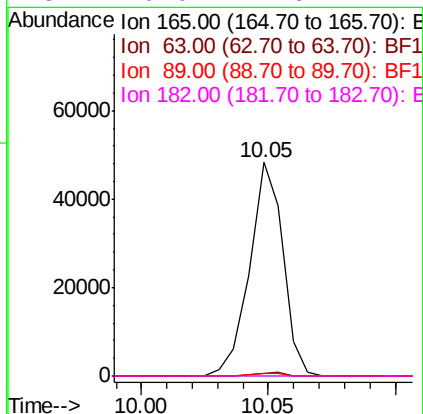
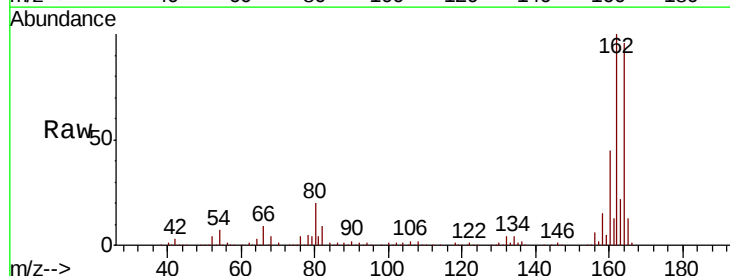
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

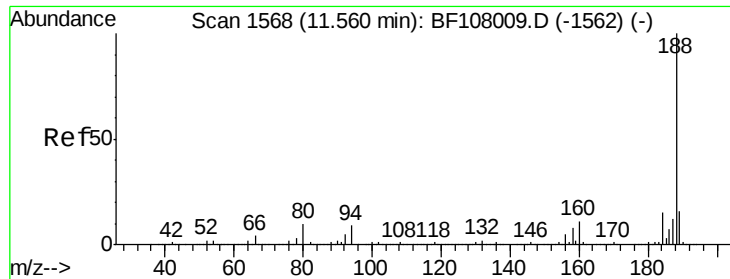
Tot Ion	165	Resp	44443
Ion Ratio	Lower	Upper	
165	100		
63	1.0	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.828 ng
 RT: 10.05 min Scan# 1311
 Delta R.T. -0.20 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion	165	Resp	44443
Ion Ratio	Lower	Upper	
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

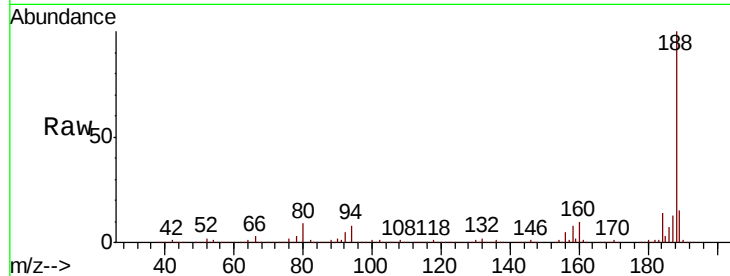




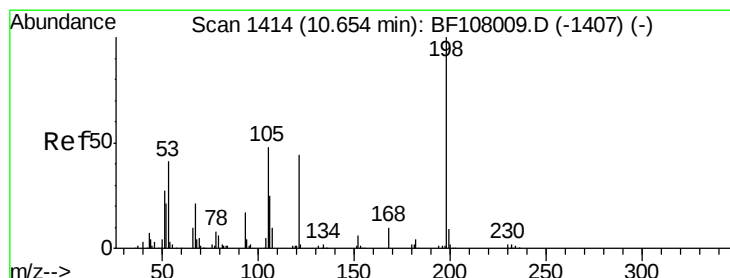
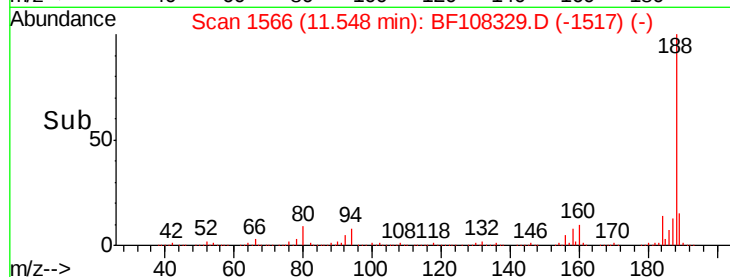
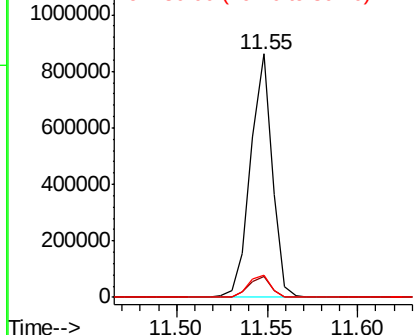
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleID :
 TP-12

Tot Ion:188 Resp: 718373
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 9.2 9.2 13.8#

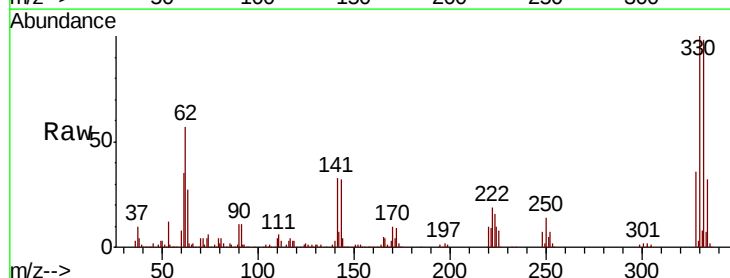


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

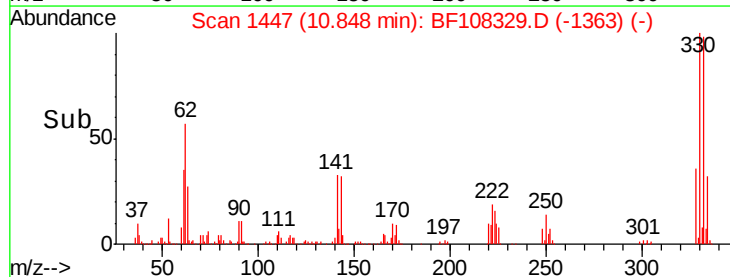
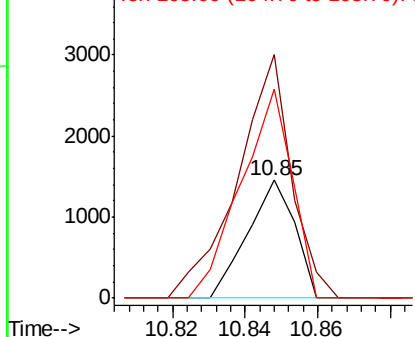


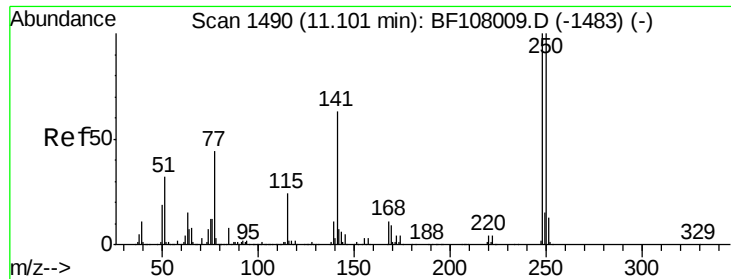
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.794 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion:198 Resp: 1321
 Ion Ratio Lower Upper
 198 100
 51 206.6 37.7 77.7#
 105 177.0 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

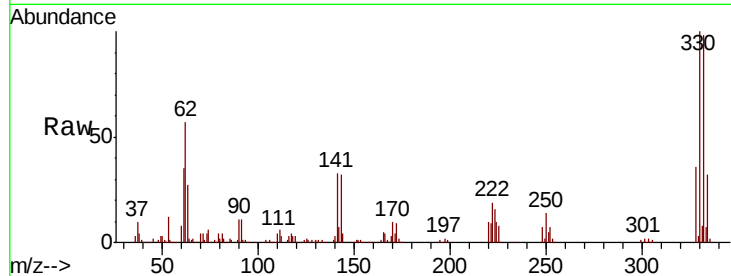




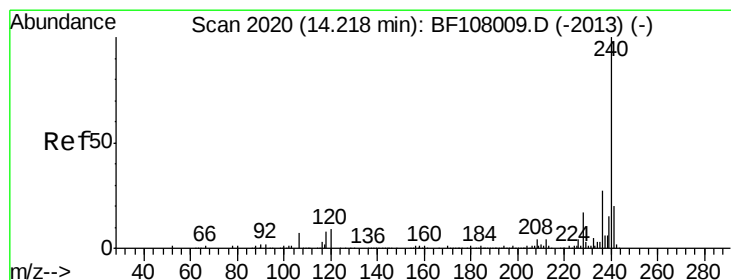
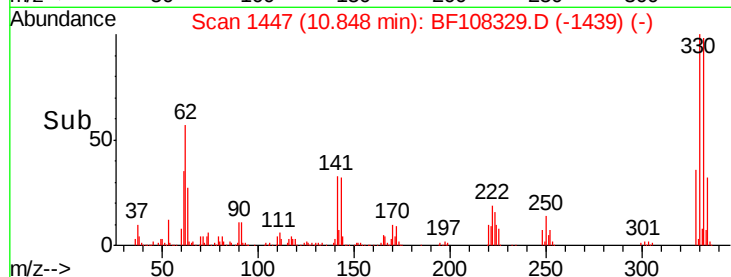
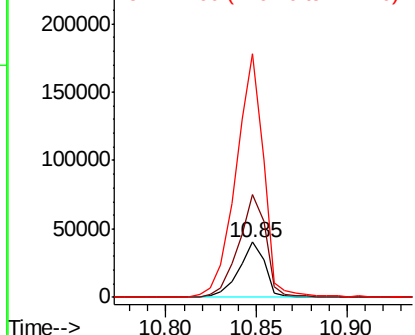
#66
4-Bromophenyl-phenylether
Concen: 5.191 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Instrument :
BNA_F
ClientSampleId :
TP-12

Tot Ion:248 Resp: 40526
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 441.7 74.4 111.6#

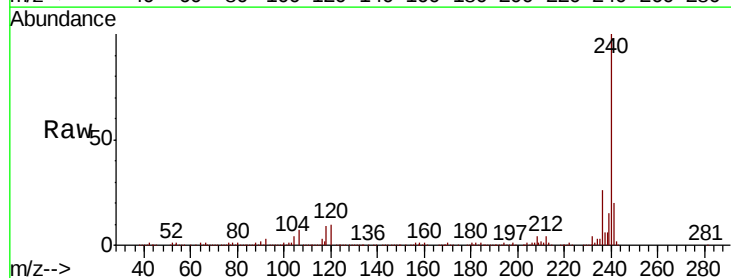


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

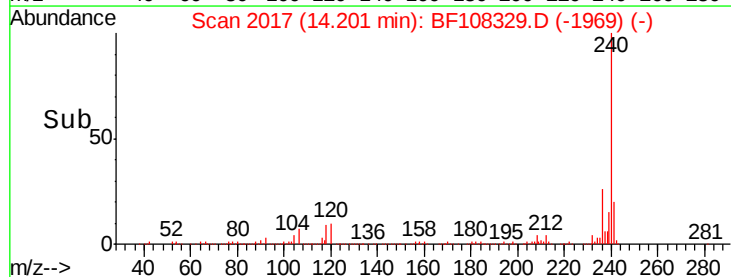
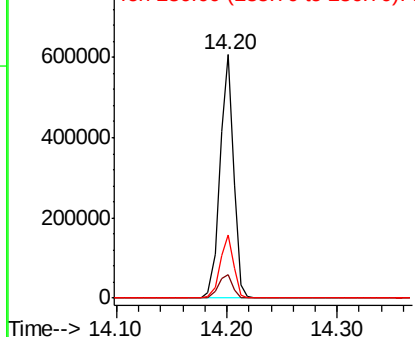


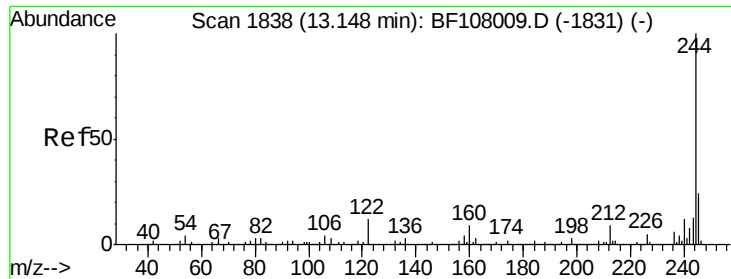
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108329.D
Acq: 21 Aug 2018 10:50

Tgt Ion:240 Resp: 520011
Ion Ratio Lower Upper
240 100
120 9.8 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

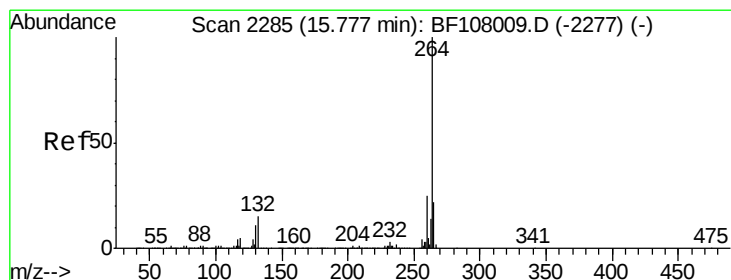
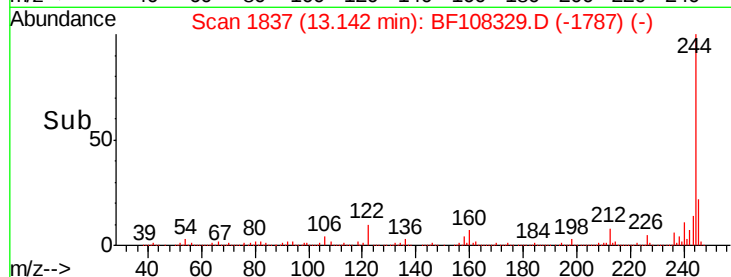
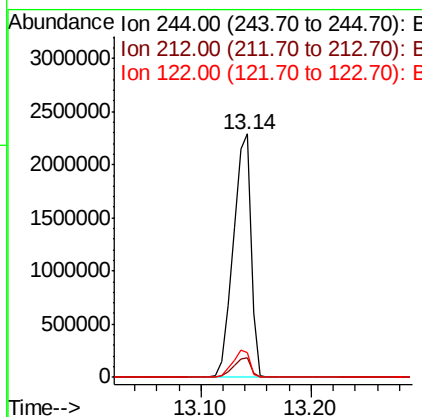
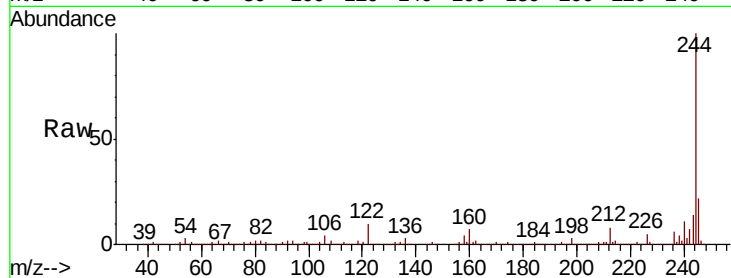




#78
 Terphenyl-d14
 Concen: 126.554 ng
 RT: 13.14 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Tot Ion:244 Resp: 2588298
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.0
 122 10.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.76 min Scan# 2282
 Delta R.T. -0.02 min
 Lab File: BF108329.D
 Acq: 21 Aug 2018 10:50

Tgt Ion:264 Resp: 359325
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.5 26.3

