

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108291.D
 Acq On : 20 Aug 2018 15:49
 Operator : JU/SJ
 Sample : J4282-08RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

Quant Time: Aug 20 16:46:38 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	211911	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	809536	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	414903	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	851008	20.00	ng	0.00
75) Chrysene-d12	14.21	240	658533	20.00	ng	0.00
86) Perylene-d12	15.78	264	467807	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	1416983	121.06	ng	0.04
7) Phenol-d6	6.64	99	1704517	109.59	ng	0.01
23) Nitrobenzene-d5	7.58	82	1438470	99.15	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	710874	171.77	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2547669	98.58	ng	0.00
78) Terphenyl-d14	13.15	244	2912011	112.43	ng	0.00

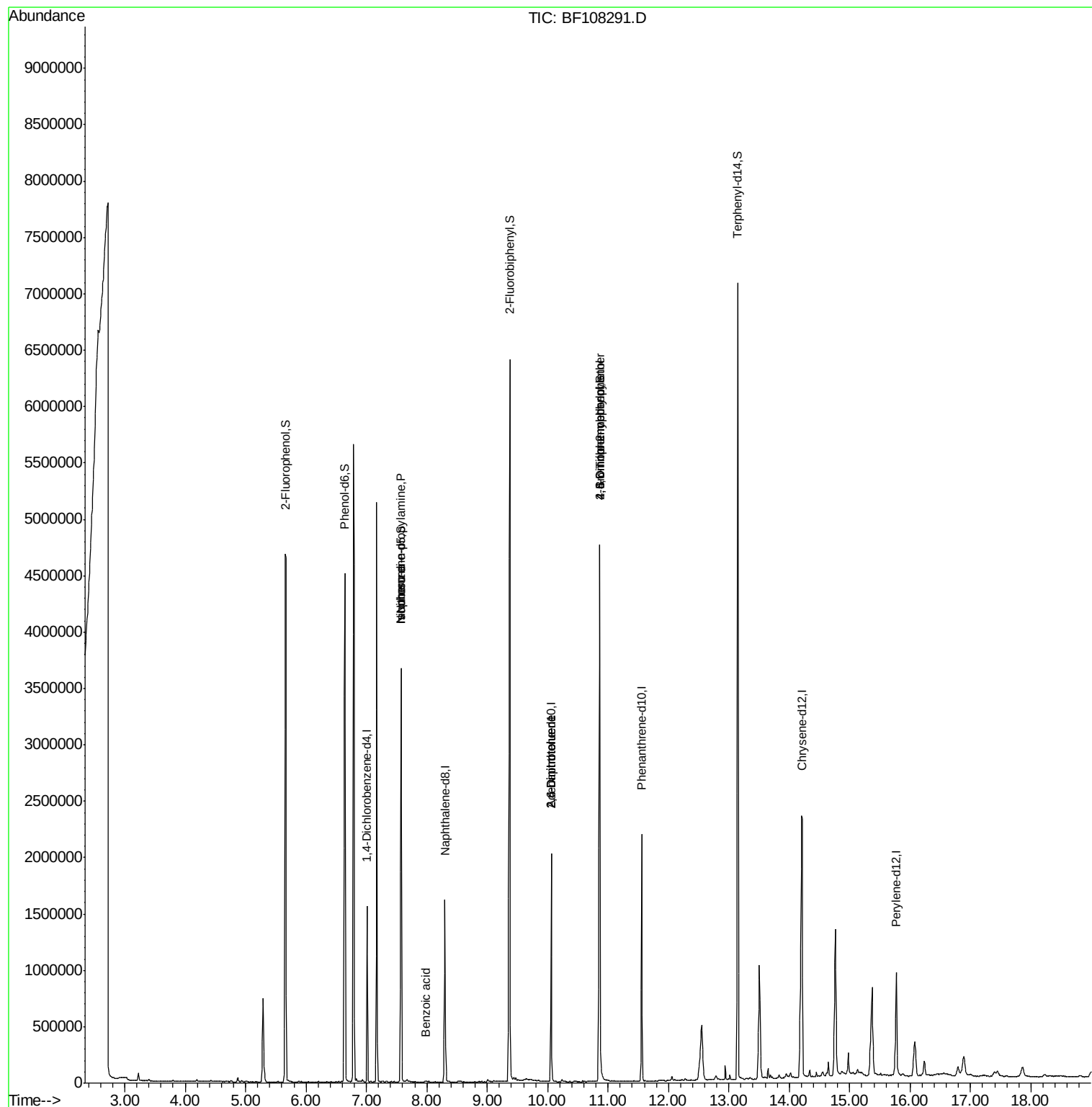
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	198503	18.872	ng	# 82
25) Isophorone	7.58	82	1438443	52.020	ng	# 64
32) Benzoic acid	7.99	122	2145	6.238	ng	# 83
50) 2,6-Dinitrotoluene	10.06	165	53119	8.785	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	53119	6.825	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.86	198	1432	5.757	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	46542	5.033	ng	# 1

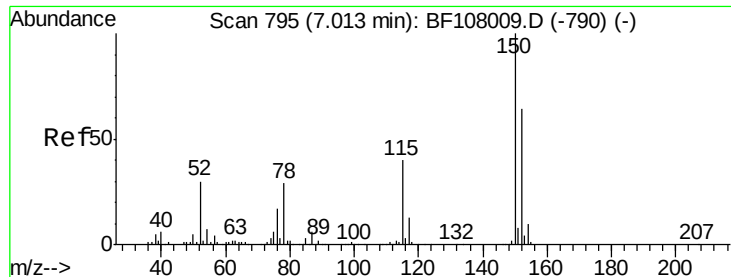
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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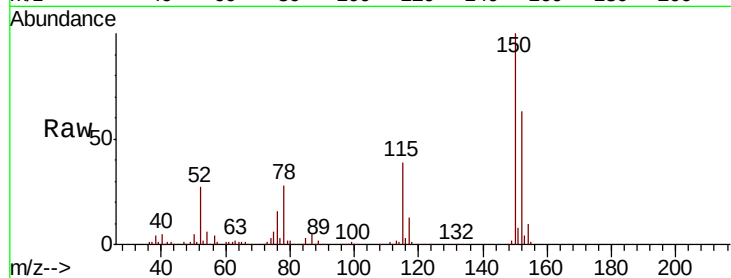


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.5	50.1	75.1

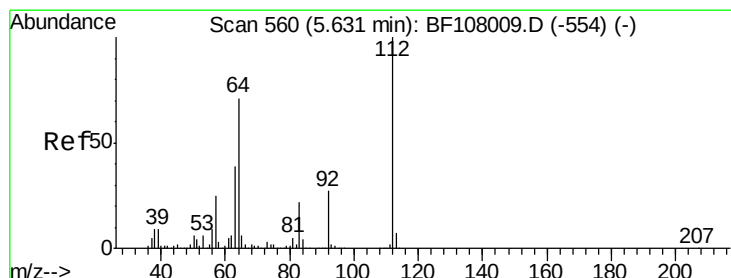
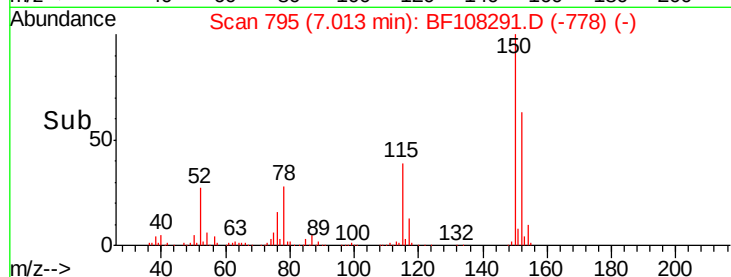
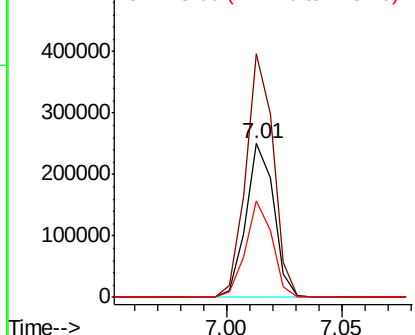


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

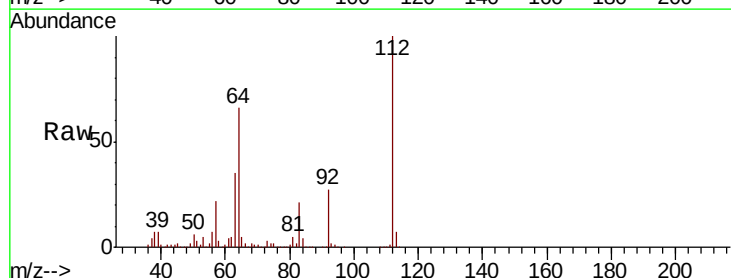
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.059 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.04 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.0	47.9	71.9
63	35.3	23.7	35.5

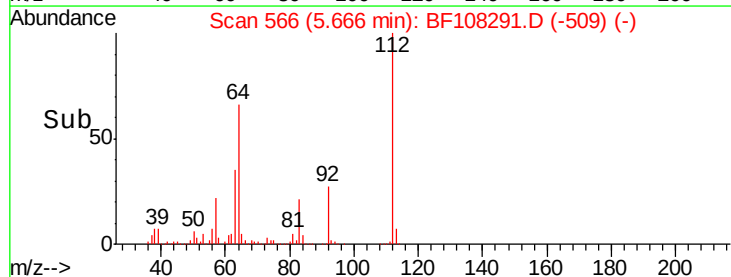
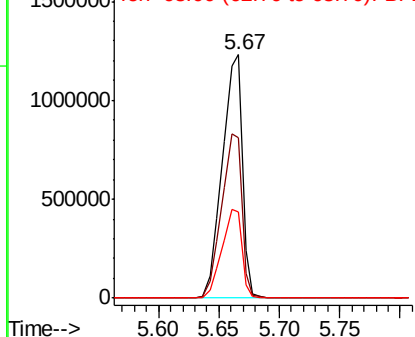


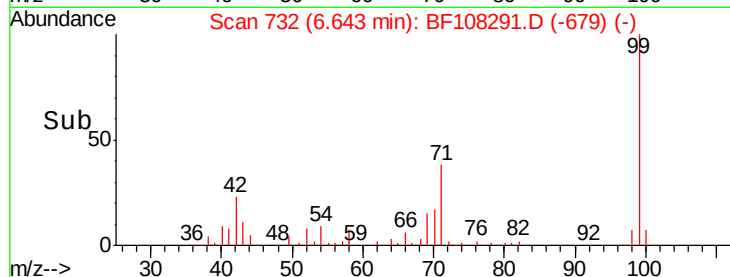
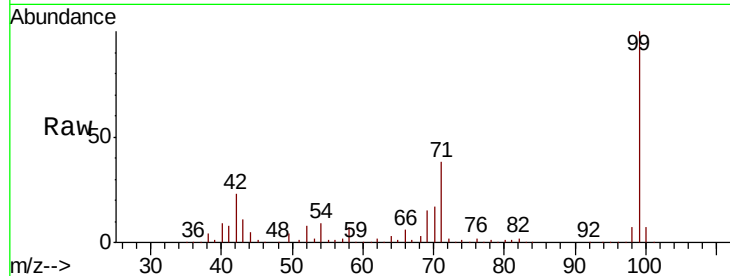
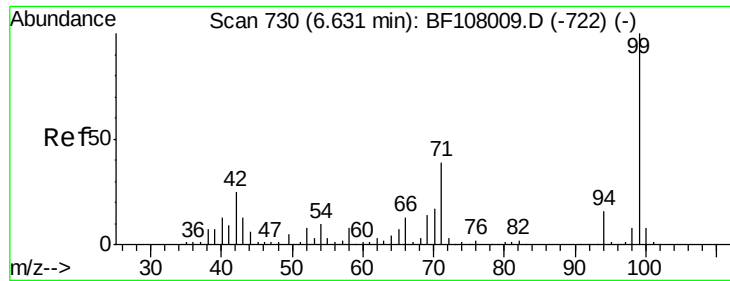
Abundance

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: 109.586 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

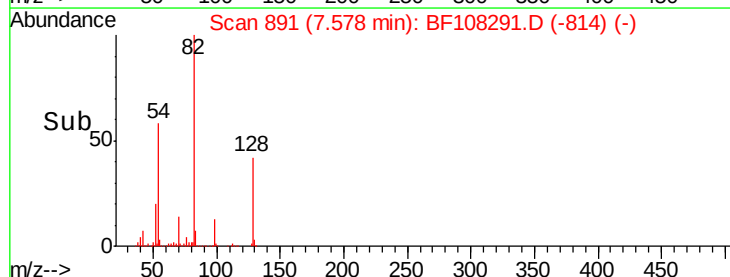
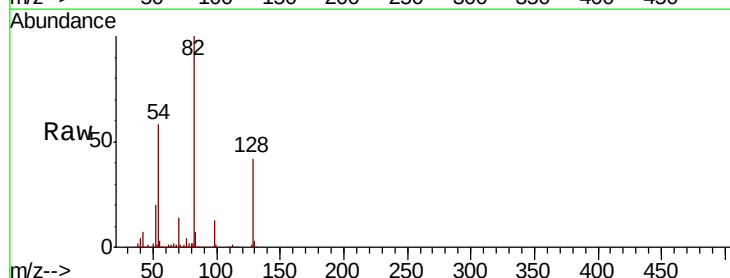
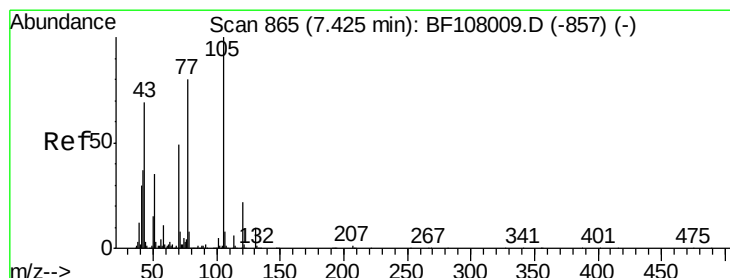
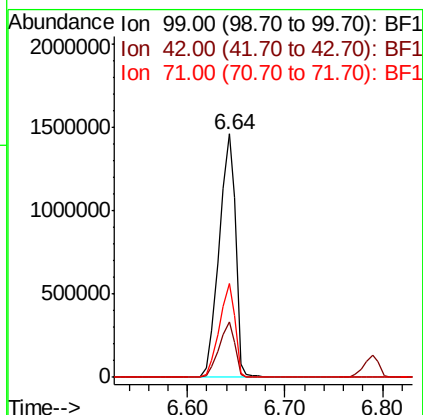
Tot Ion: 99 Resp: 1704517

Ion Ratio Lower Upper

99 100

42 22.9 14.5 21.7#

71 38.5 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 18.872 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Tgt Ion: 70 Resp: 198503

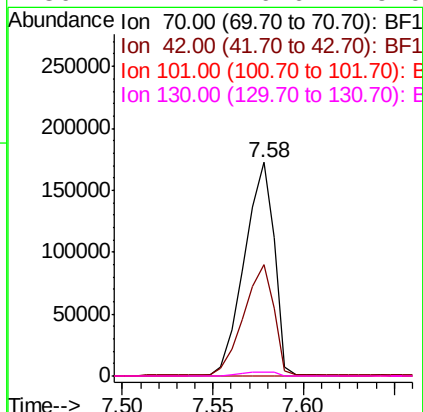
Ion Ratio Lower Upper

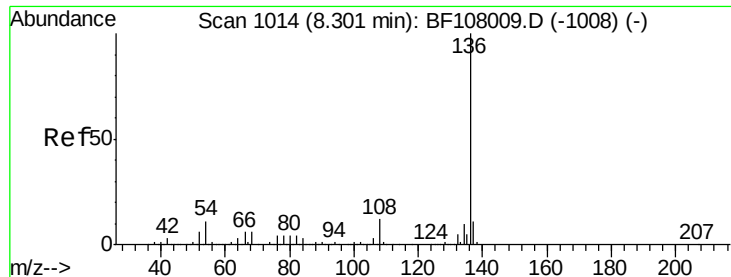
70 100

42 52.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

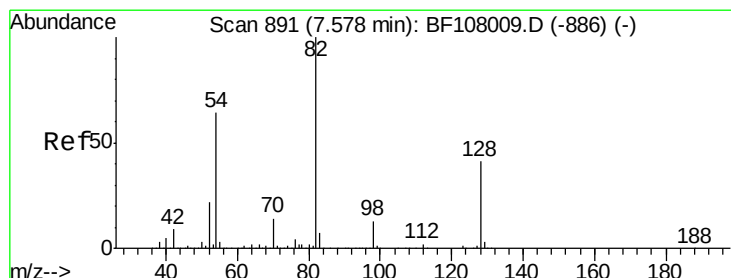
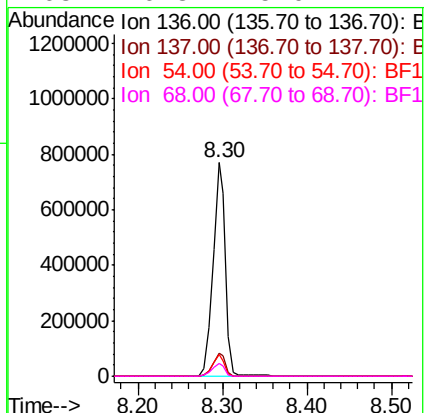
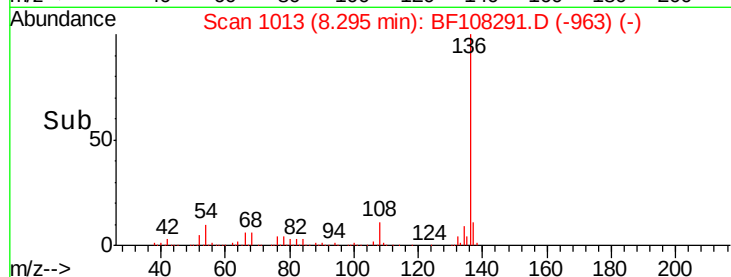
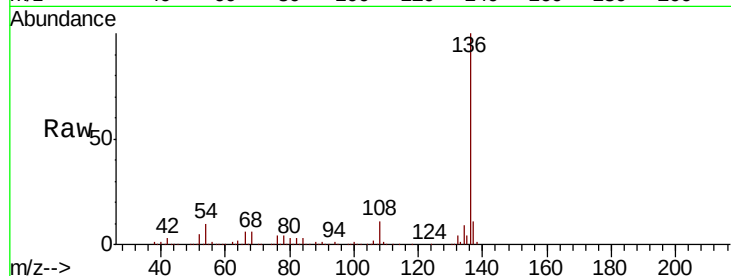




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

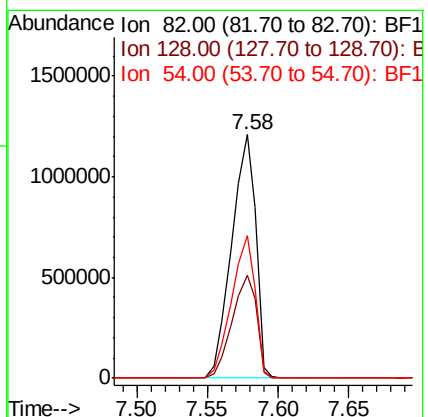
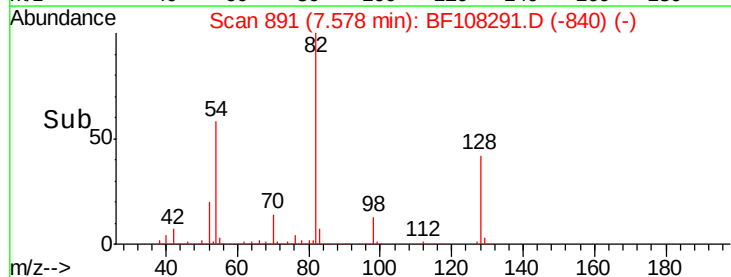
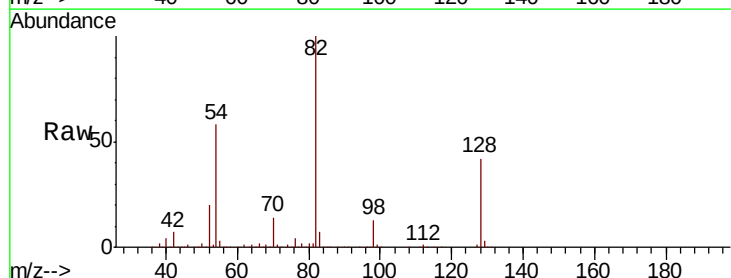
Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

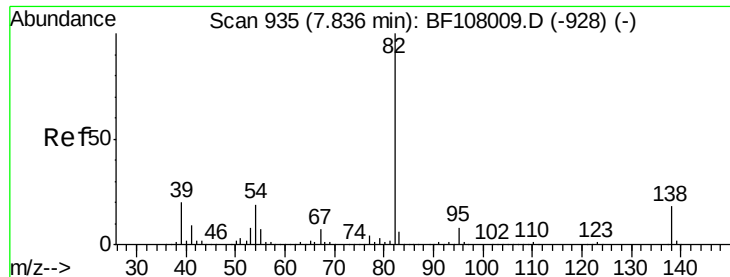
Tot Ion:136	Resp:	809536
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	10.2	6.6 9.8#
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 99.154 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Tgt Ion: 82	Resp:	1438470
Ion Ratio	Lower	Upper
82	100	
128	42.1	36.1 54.1
54	58.5	41.4 62.2

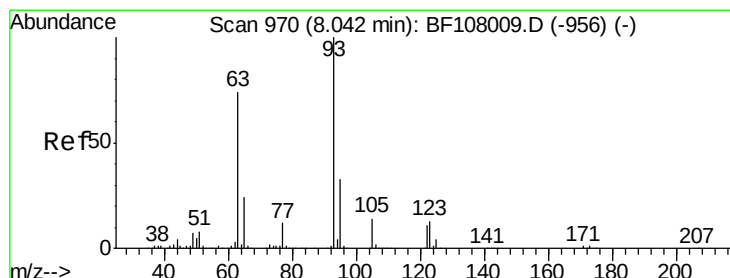
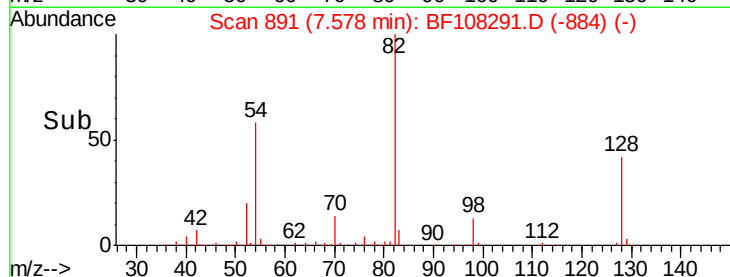
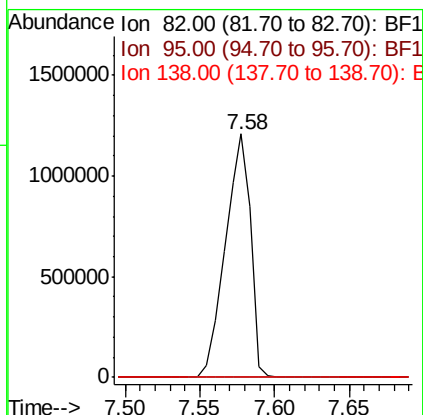
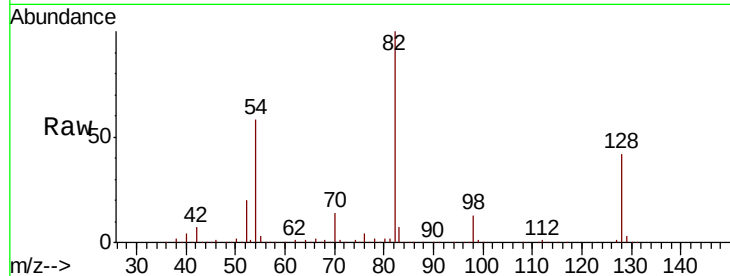




#25
Isophorone
Concen: 52.020 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

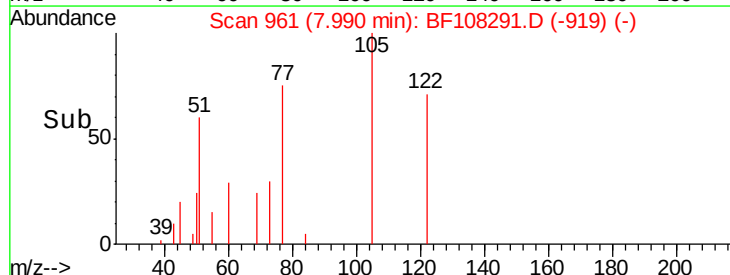
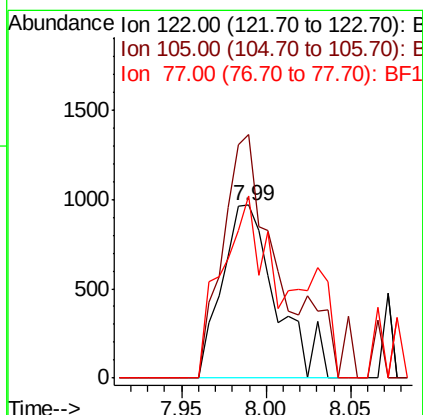
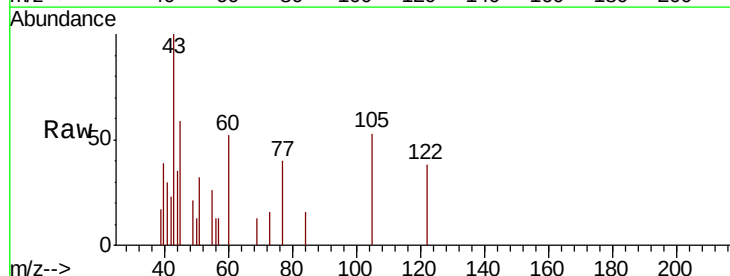
Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

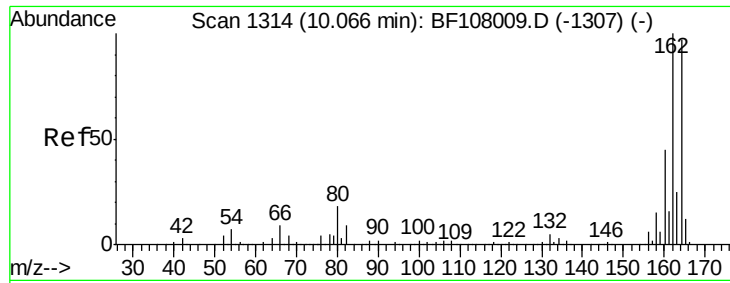
Tot Ion: 82 Resp: 1438443
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 6.238 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Tgt Ion:122 Resp: 2145
Ion Ratio Lower Upper
122 100
105 140.7 101.1 141.1
77 105.4 70.7 110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

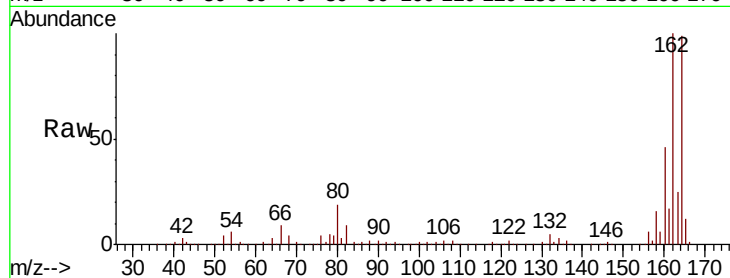
Tot Ion:164 Resp: 414903

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

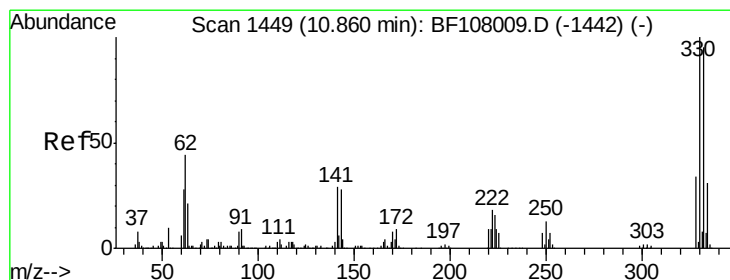
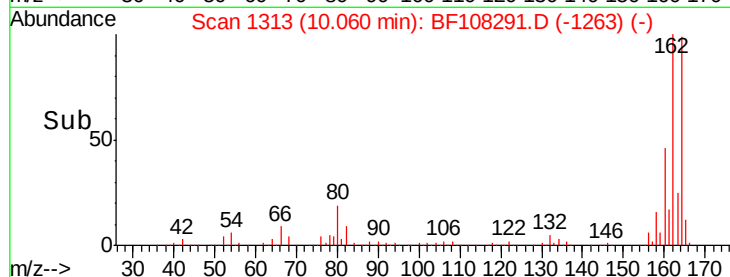
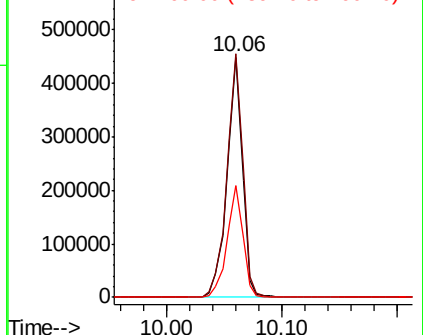
160 46.6 38.3 57.5



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: 171.769 ng

RT: 10.86 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

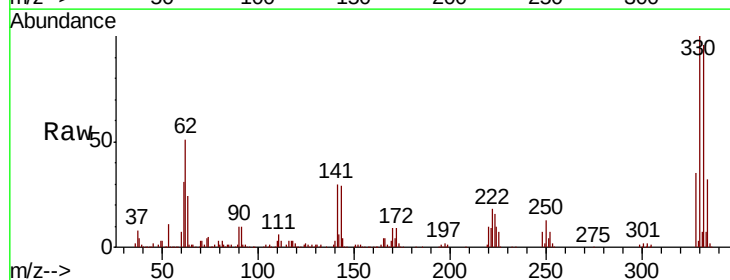
Tgt Ion:330 Resp: 710874

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

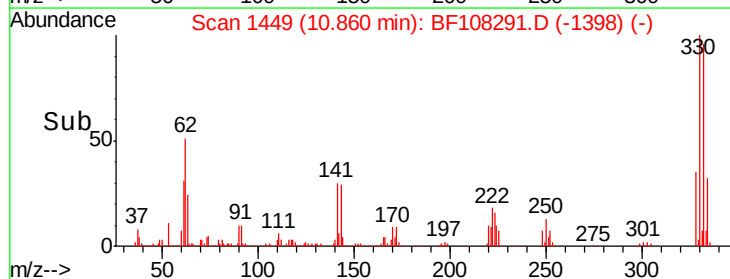
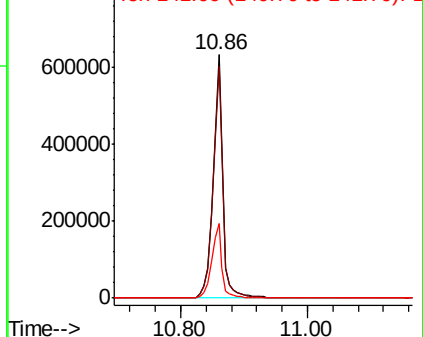
141 31.5 29.9 44.9

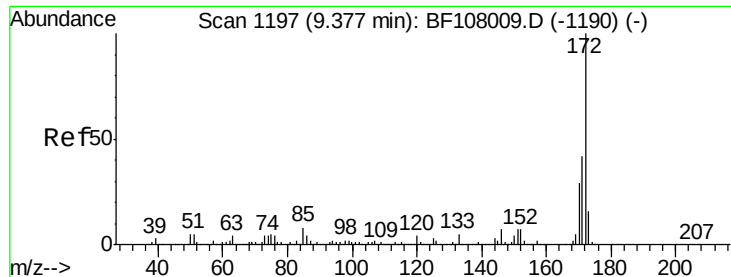


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 98.582 ng

RT: 9.37 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

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ClientSampleId :

SU-01-081518-B

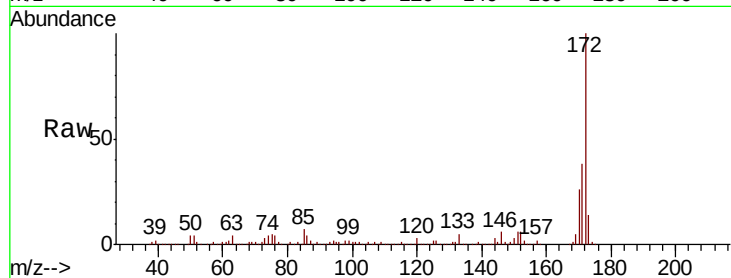
Tot Ion:172 Resp: 2547669

Ion Ratio Lower Upper

172 100

171 38.0 29.7 44.5

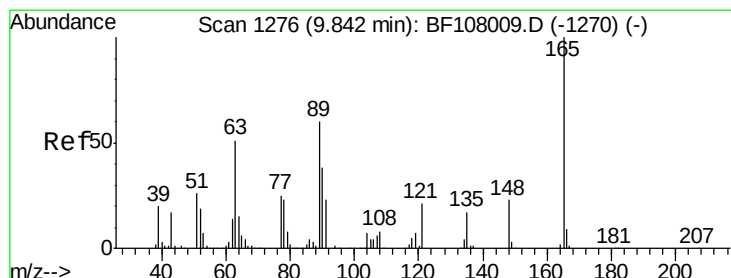
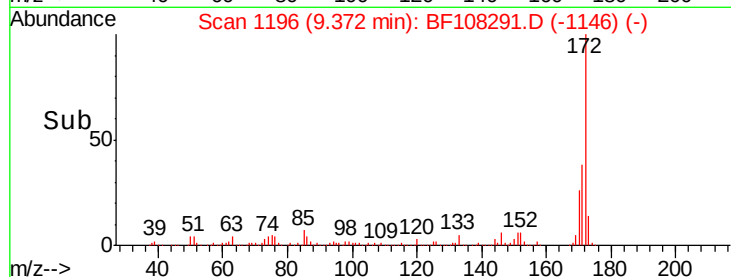
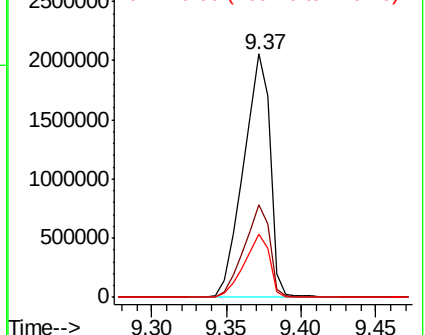
170 25.8 19.6 29.4



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: 8.785 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.22 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

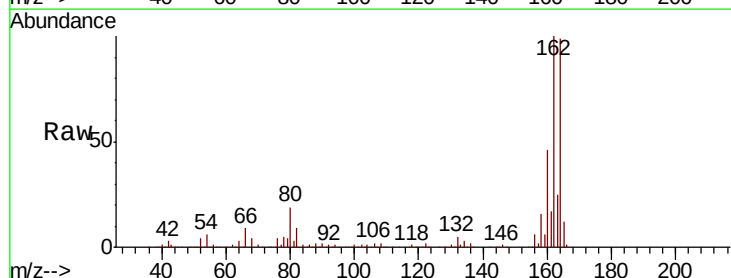
Tgt Ion:165 Resp: 53119

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

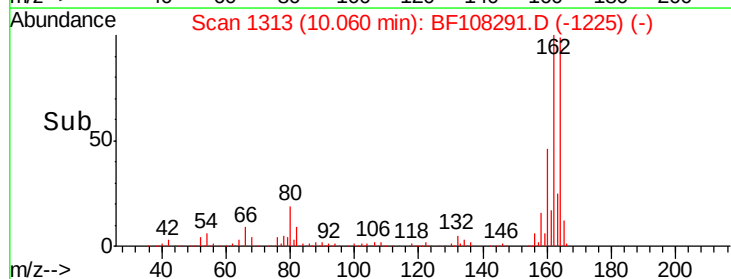
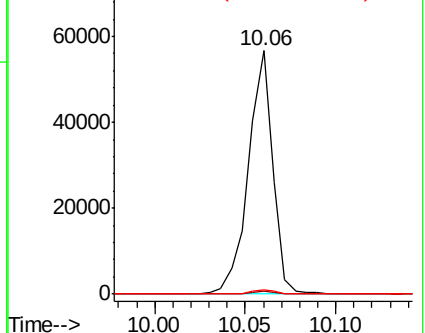
89 1.8 44.0 66.0#

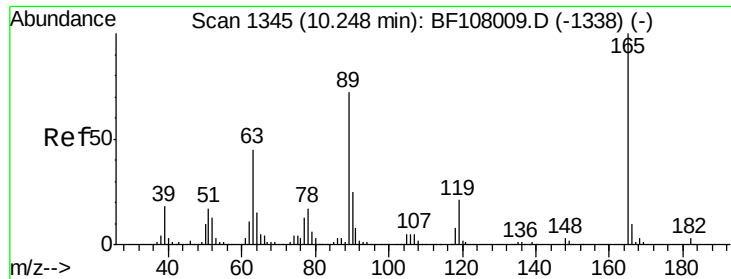


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

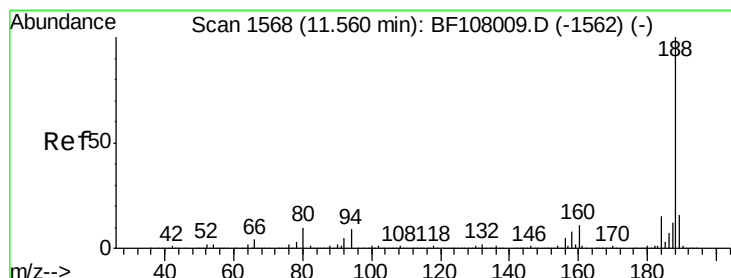
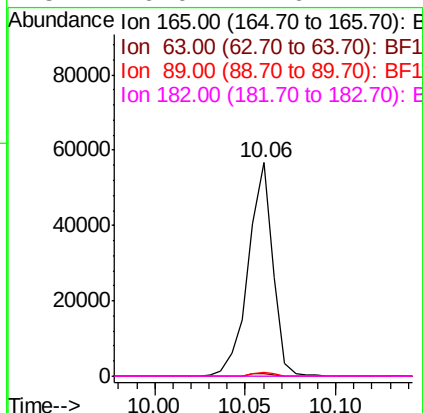
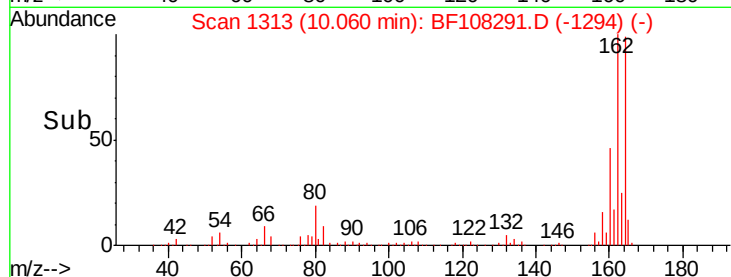
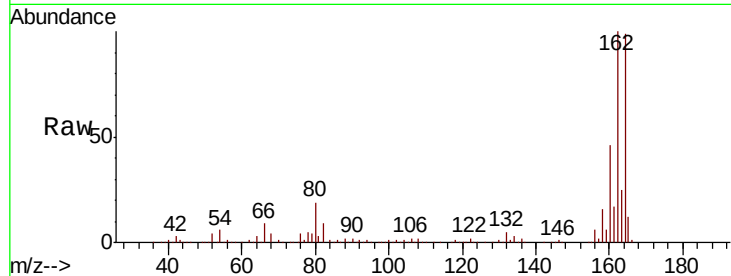




#56
 2,4-Dinitrotoluene
 Concen: 6.825 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

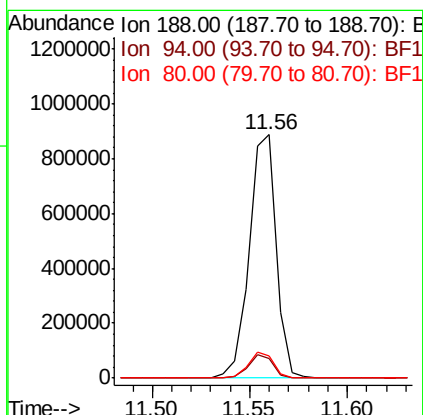
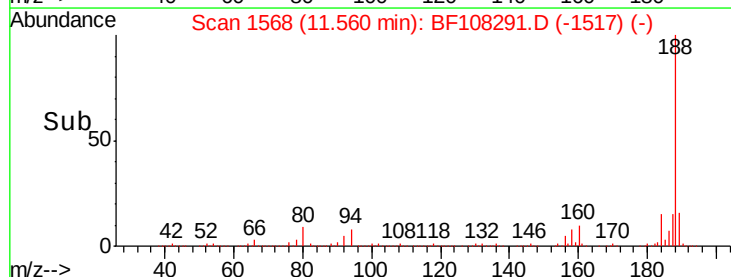
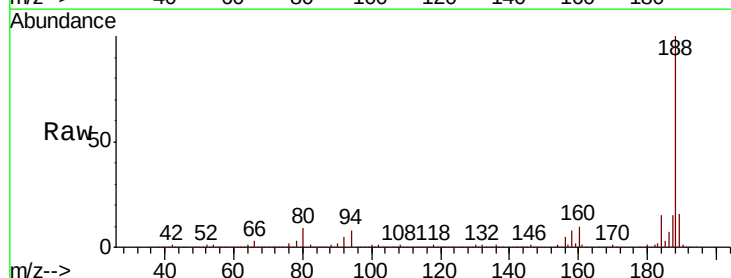
Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

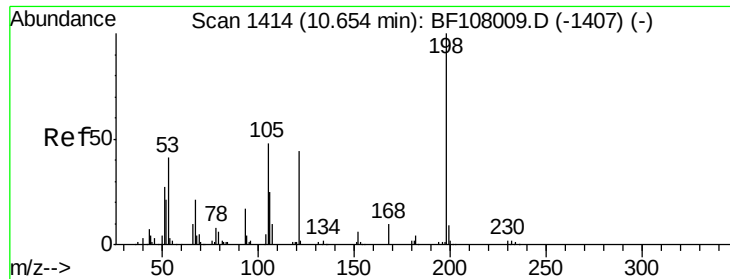
Tot Ion:165	Resp:	53119
Ion Ratio	Lower	Upper
165	100	
63	1.4	36.4 54.6#
89	1.8	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Tgt Ion:188	Resp:	851008
Ion Ratio	Lower	Upper
188	100	
94	8.1	8.5 12.7#
80	9.0	9.2 13.8#

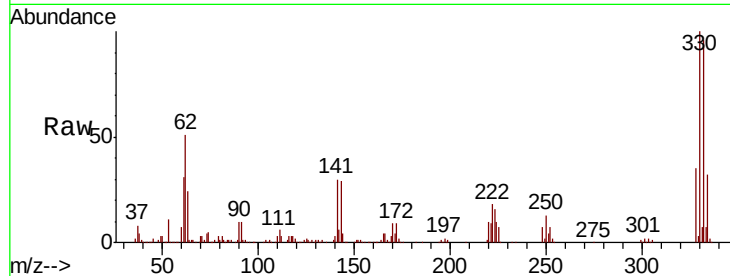




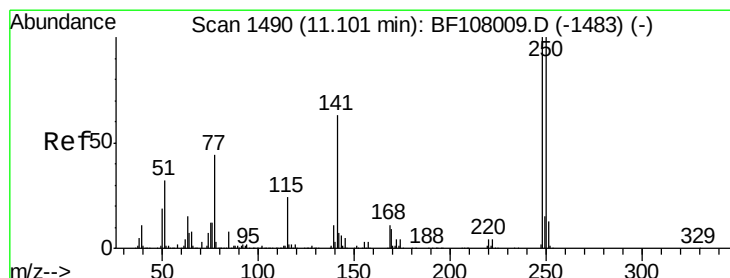
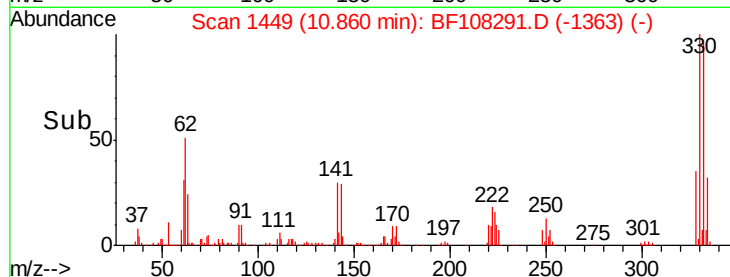
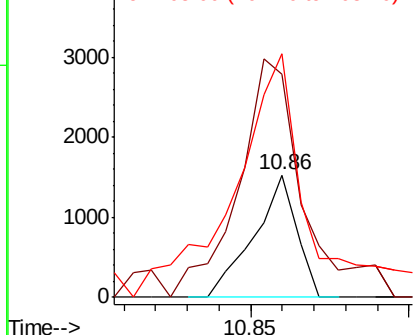
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.757 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.21 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-081518-B

Tot Ion:198 Resp: 1432
 Ion Ratio Lower Upper
 198 100
 51 183.1 37.7 77.7#
 105 199.3 36.3 76.3#

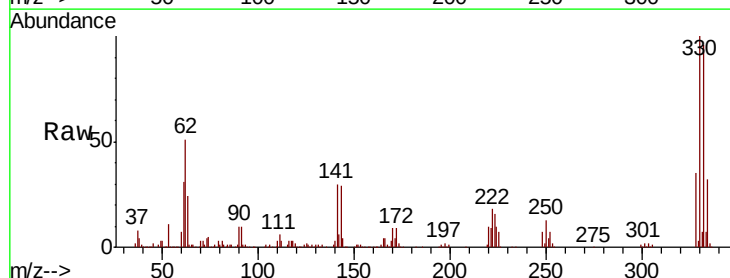


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

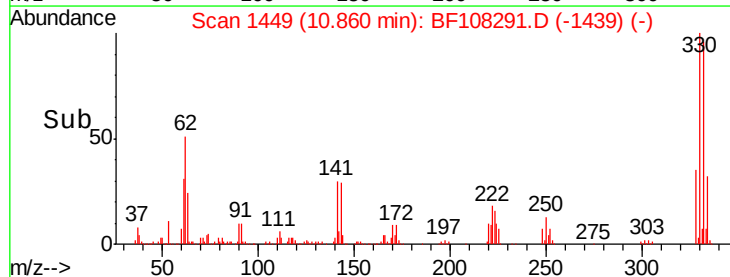
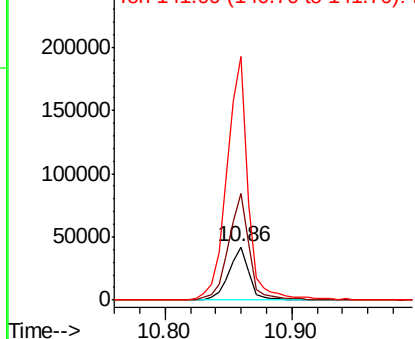


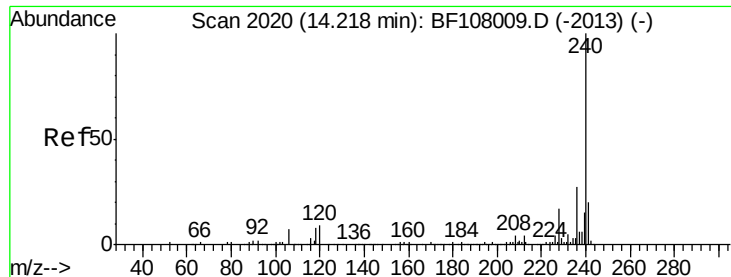
#66
 4-Bromophenyl-phenylether
 Concen: 5.033 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF108291.D
 Acq: 20 Aug 2018 15:49

Tgt Ion:248 Resp: 46542
 Ion Ratio Lower Upper
 248 100
 250 199.9 76.9 115.3#
 141 458.9 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: 14.21 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

Instrument :

BNA_F

ClientSampleId :

SU-01-081518-B

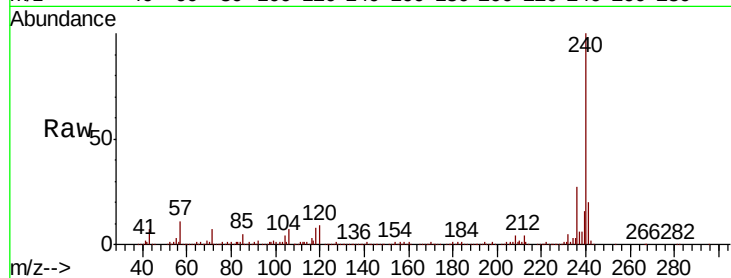
Tot Ion:240 Resp: 658533

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

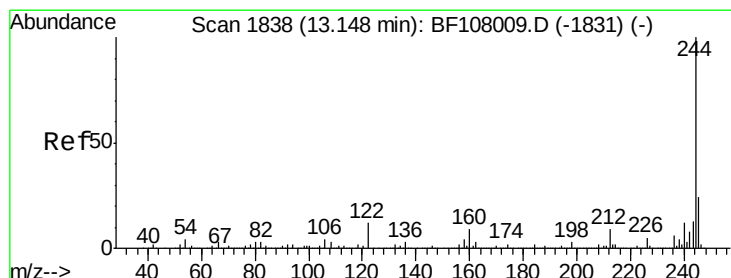
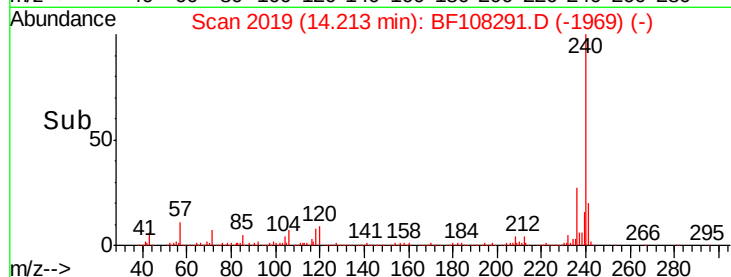
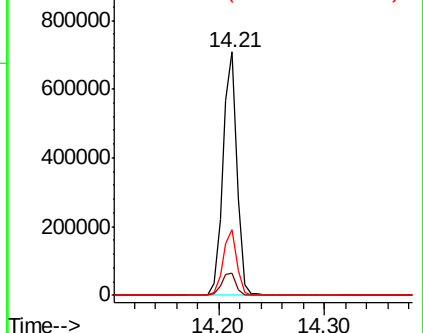
236 27.1 20.7 31.1



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: 112.432 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108291.D

Acq: 20 Aug 2018 15:49

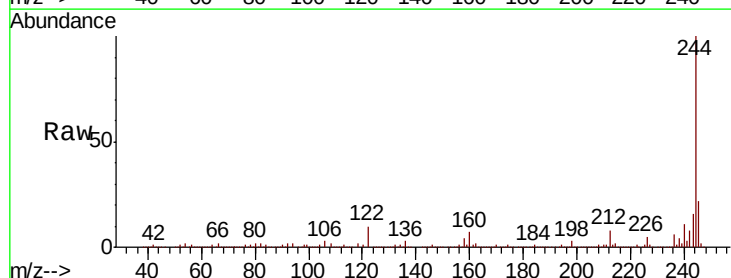
Tgt Ion:244 Resp: 2912011

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

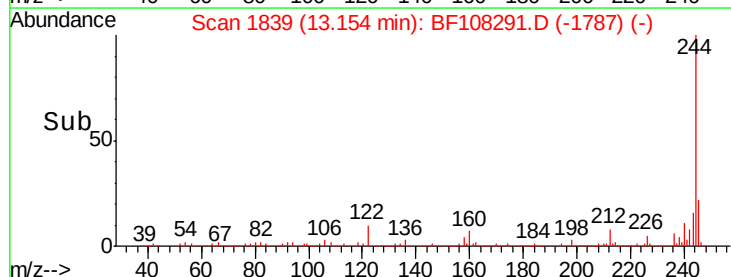
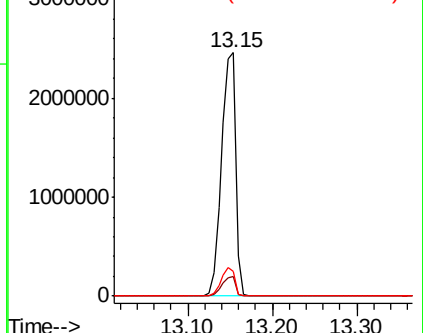
122 10.0 11.0 16.4#

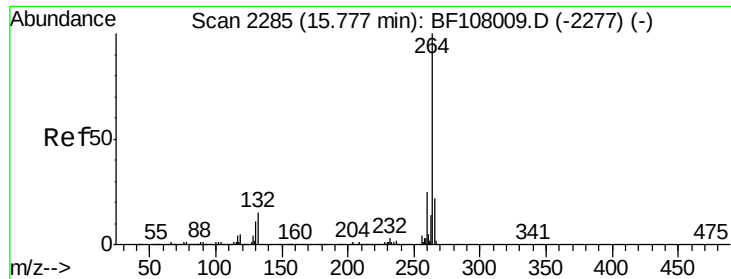


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108291.D
Acq: 20 Aug 2018 15:49

Instrument :
BNA_F
ClientSampleId :
SU-01-081518-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.1	17.5	26.3

