

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108454.D
 Acq On : 24 Aug 2018 7:19
 Operator : JU/SJ
 Sample : J4582-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-M

Quant Time: Aug 24 07:58:24 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

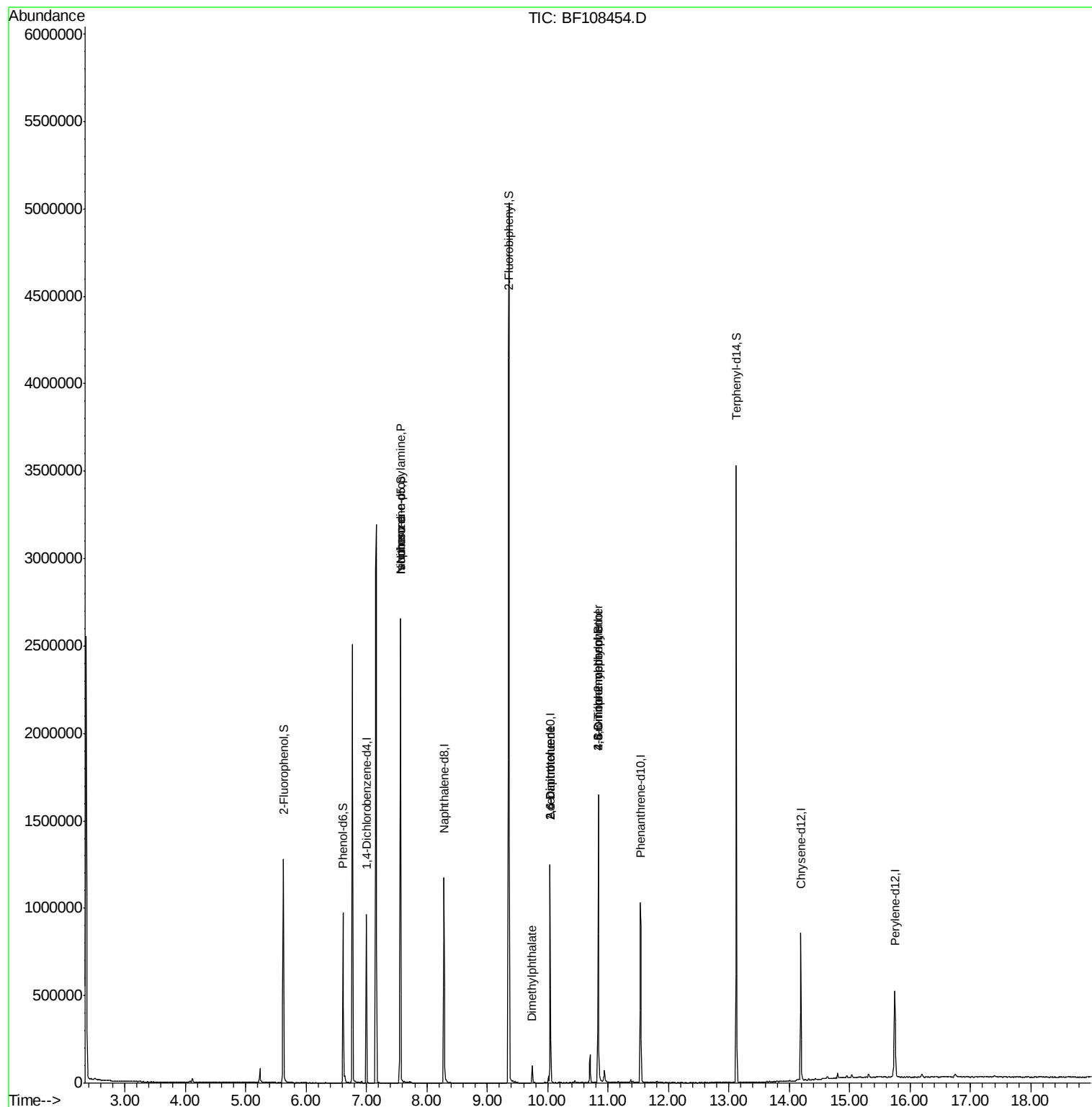
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	142001	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	519477	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	244017	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	394358	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	308725	20.00	ng	-0.01
86) Perylene-d12	15.75	264	268391	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	333250	42.49	ng	0.00
7) Phenol-d6	6.61	99	275280	26.41	ng	-0.02
23) Nitrobenzene-d5	7.57	82	888999	95.49	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	191794	78.80	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1589260	104.56	ng	0.00
78) Terphenyl-d14	13.12	244	1153065	94.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	120917	17.156	ng	# 82
25) Isophorone	7.57	82	888986	50.100	ng	# 64
49) Dimethylphthalate	9.75	163	46357	2.727	ng	# 97
50) 2,6-Dinitrotoluene	10.04	165	30868	8.680	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	30868	6.743	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	214	5.487	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	12914	3.013	ng	# 1

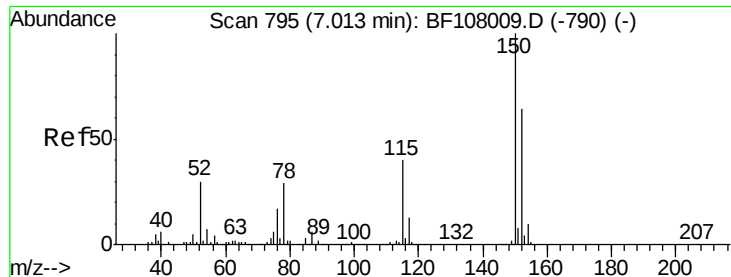
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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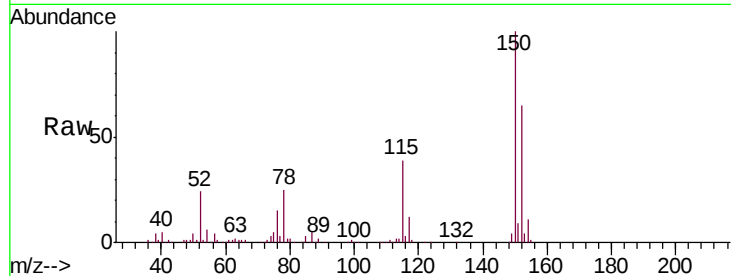


#1

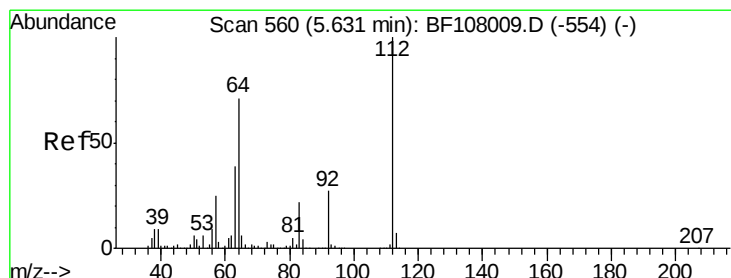
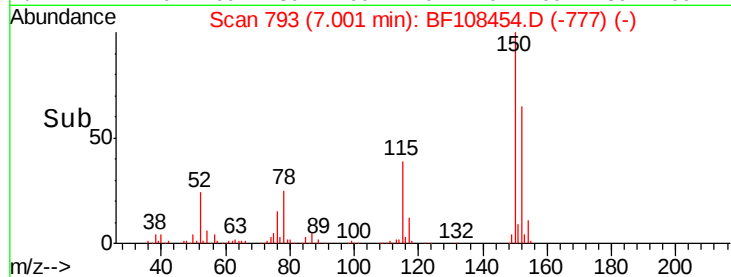
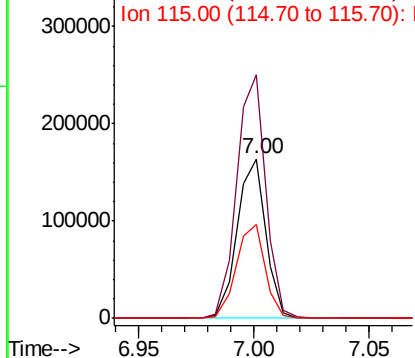
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	124.6	186.8
115	59.1	50.1	75.1



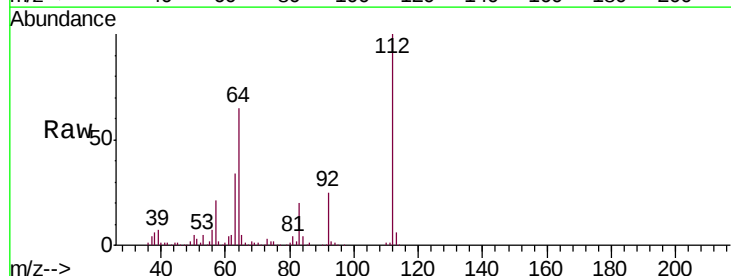
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



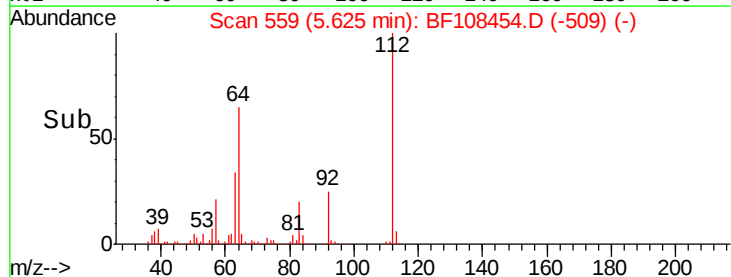
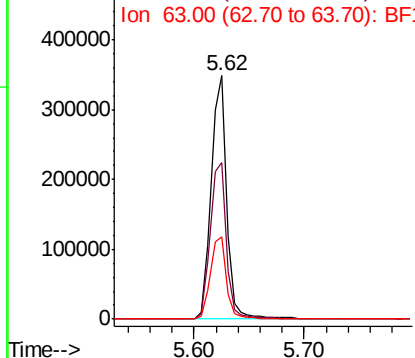
#5

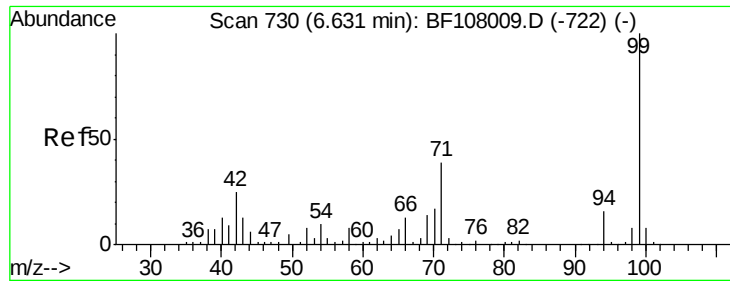
2-Fluorophenol
Concen: 42.488 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	33.9	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: 26.411 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108454.D

Acq: 24 Aug 2018 7:19

Instrument :

BNA_F

ClientSampleId :

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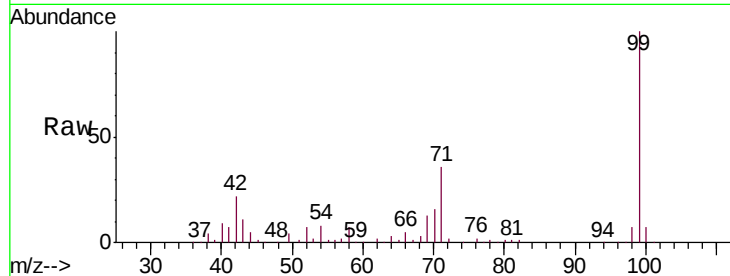
Tgt Ion: 99 Resp: 275280

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

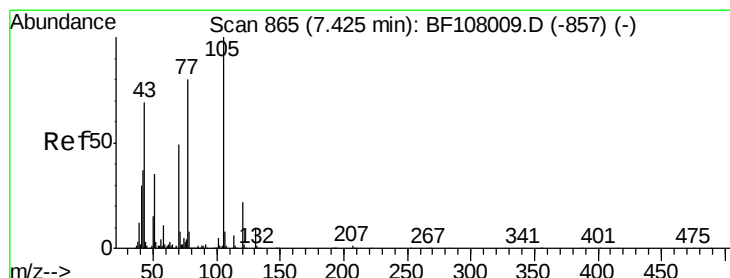
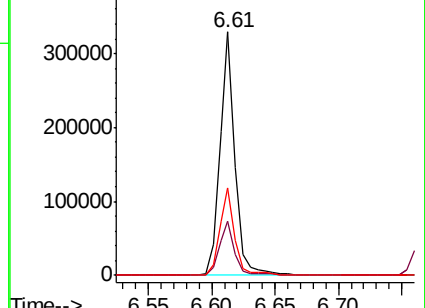
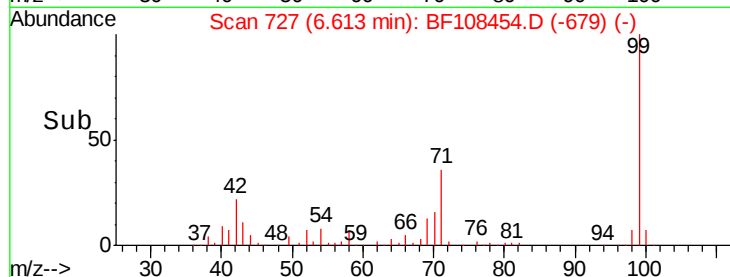
71 35.7 25.4 38.0



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: 17.156 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108454.D

Acq: 24 Aug 2018 7:19

Tgt Ion: 70 Resp: 120917

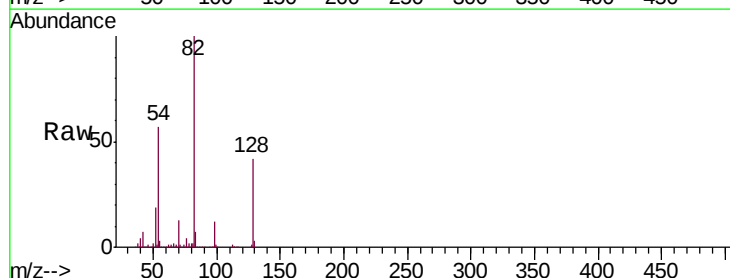
Ion Ratio Lower Upper

70 100

42 52.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

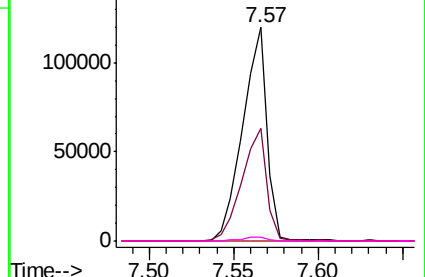
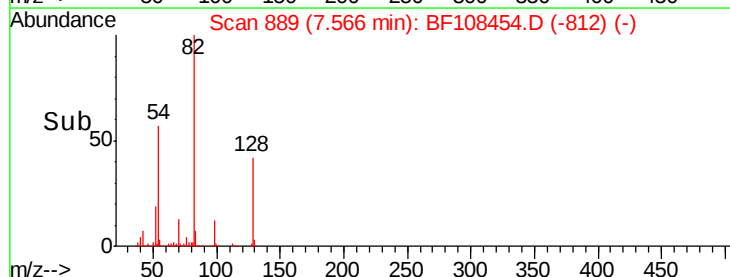


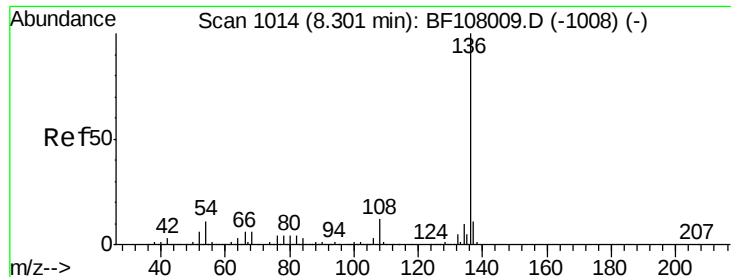
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

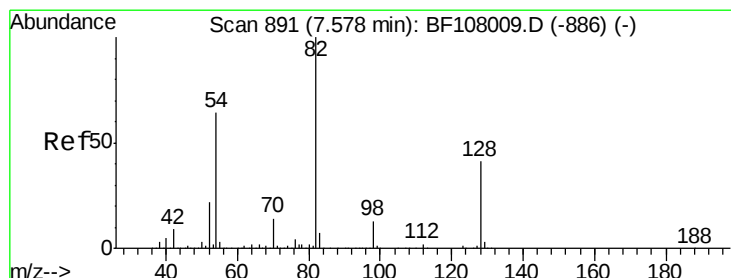
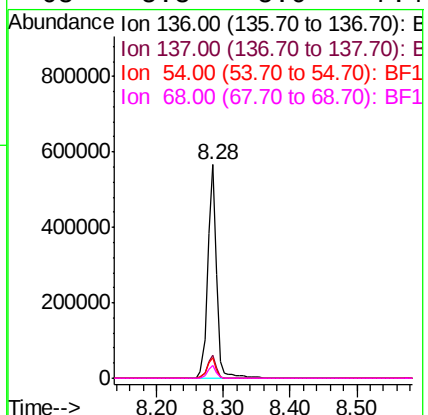
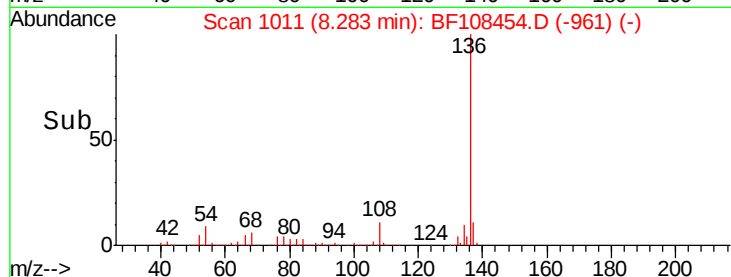
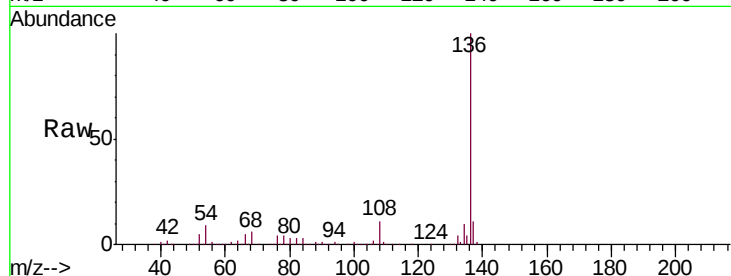




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

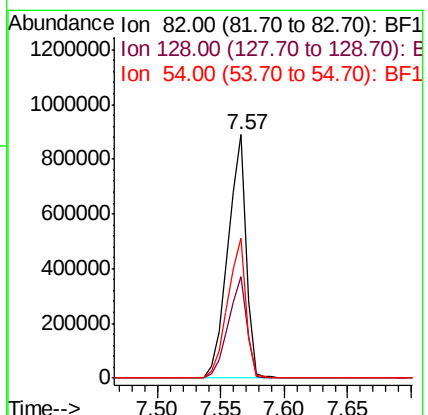
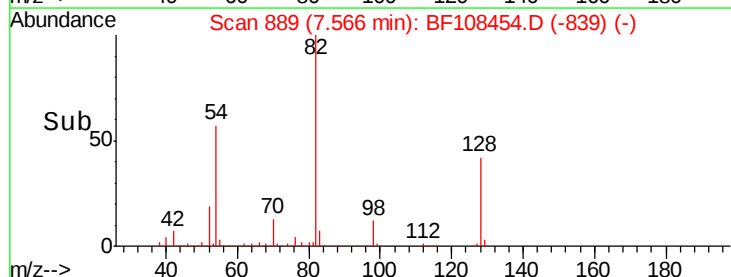
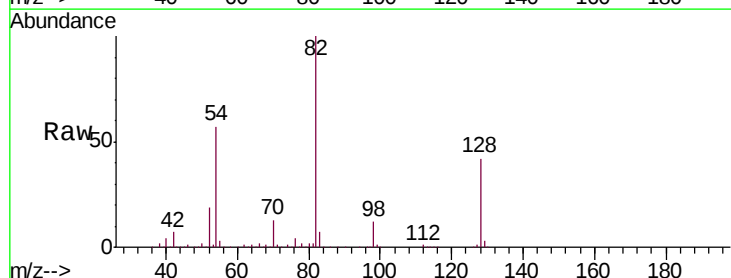
Instrument :
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082018-DBRI-E-U-M

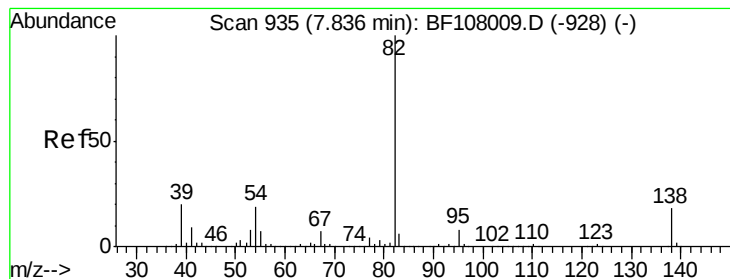
Tgt Ion:	136	Resp:	519477
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.495 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Tgt Ion:	82	Resp:	888999
Ion	Ratio	Lower	Upper
82	100		
128	41.7	36.1	54.1
54	57.4	41.4	62.2





#25

Isophorone

Concen: 50.100 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108454.D

Acq: 24 Aug 2018 7:19

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-M

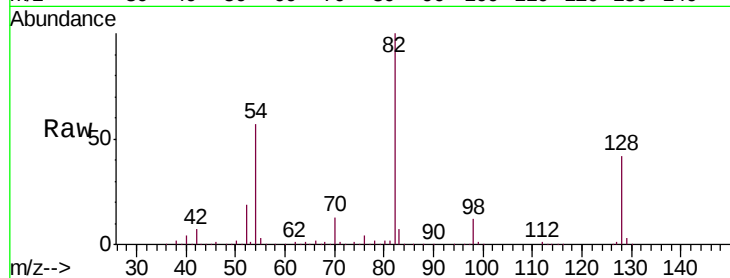
Tgt Ion: 82 Resp: 888986

Ion Ratio Lower Upper

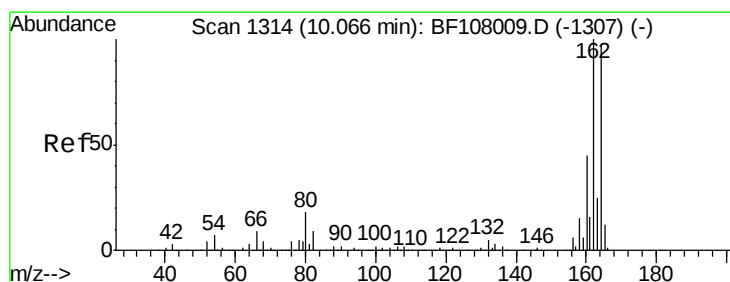
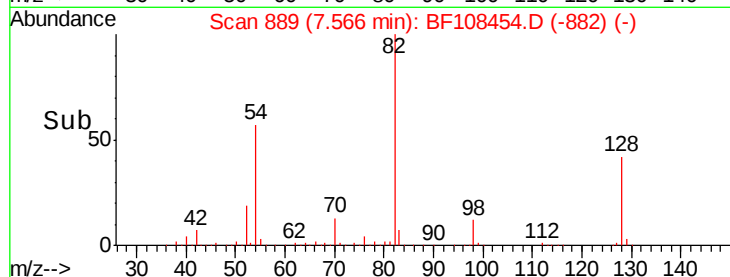
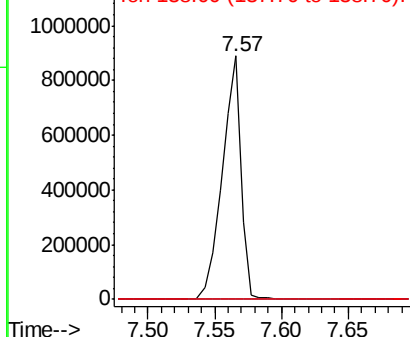
82 100

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: BF108454.D

Acq: 24 Aug 2018 7:19

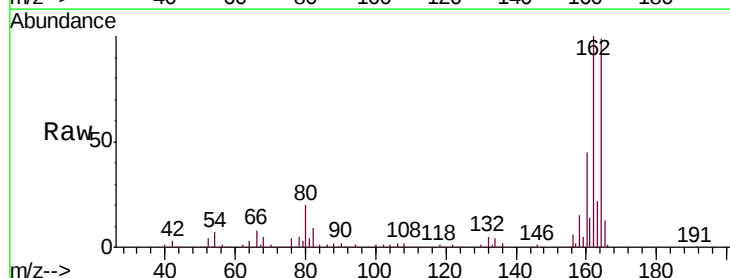
Tgt Ion: 164 Resp: 244017

Ion Ratio Lower Upper

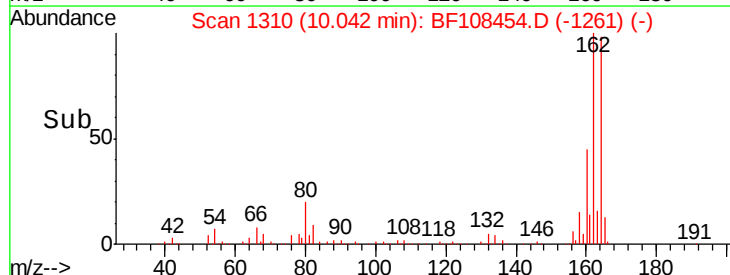
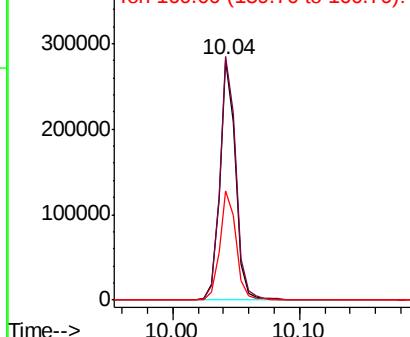
164 100

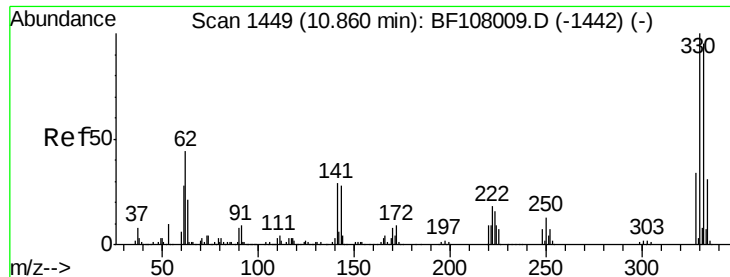
162 101.3 86.1 129.1

160 45.3 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

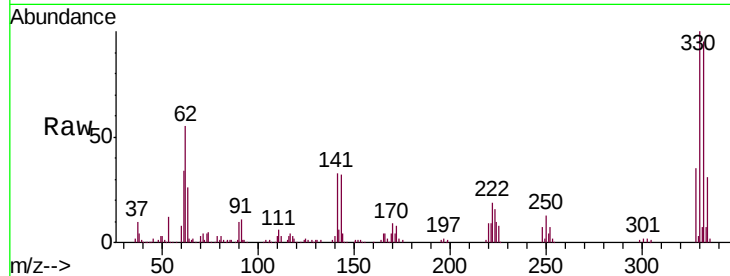




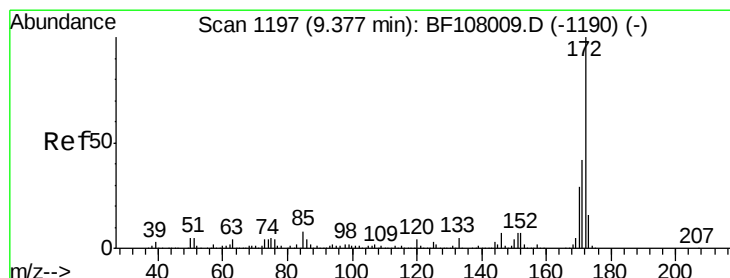
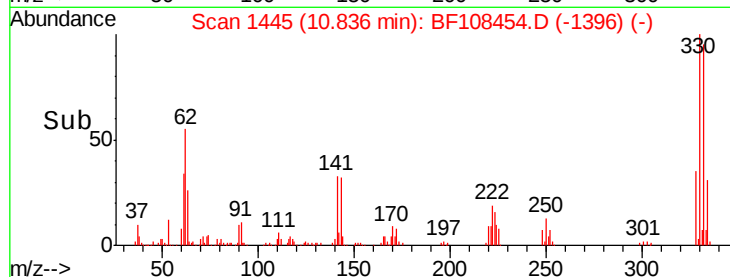
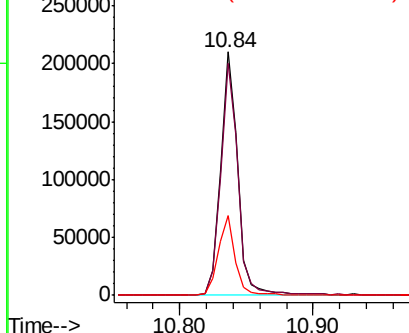
#41
 2,4,6-Tribromophenol
 Concen: 78.798 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108454.D
 Acq: 24 Aug 2018 7:19

Instrument :
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 082018-DBRI-E-U-M

Tgt Ion:330 Resp: 191794
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 32.3 29.9 44.9

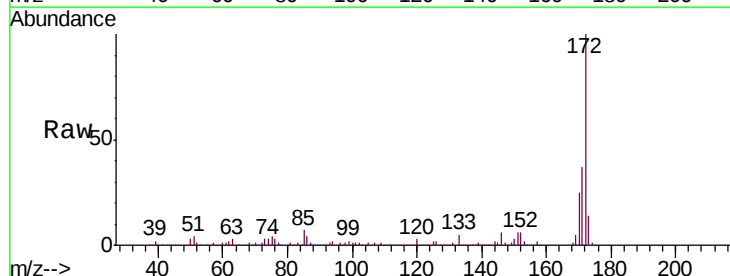


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

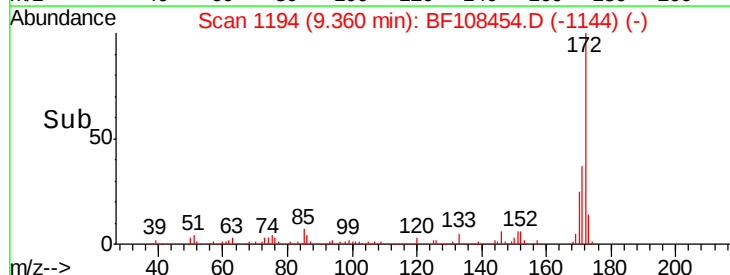
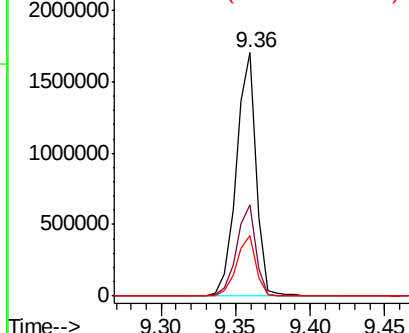


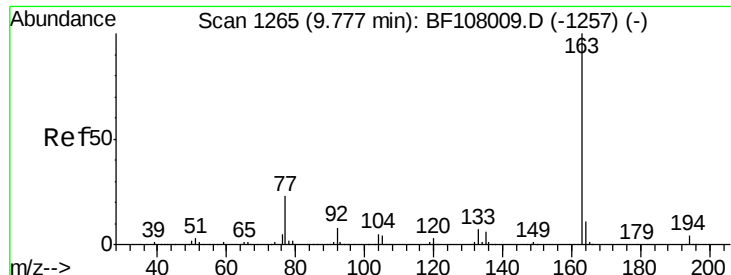
#44
 2-Fluorobiphenyl
 Concen: 104.563 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108454.D
 Acq: 24 Aug 2018 7:19

Tgt Ion:172 Resp: 1589260
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.7 44.5
 170 24.9 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

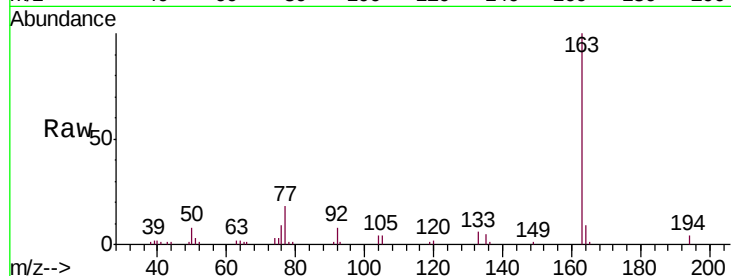




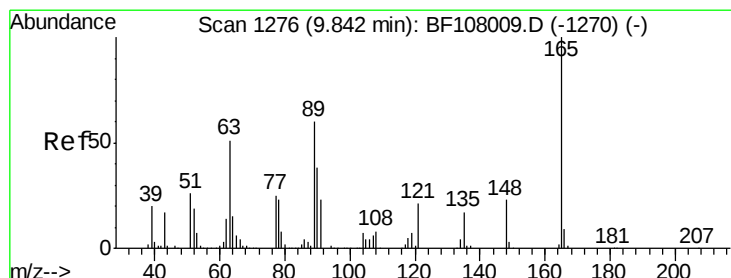
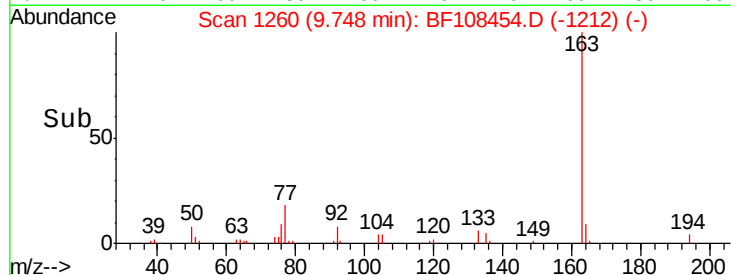
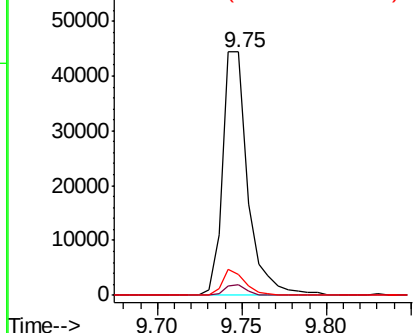
#49
Dimethylphthalate
Concen: 2.727 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	8.8	8.2	12.2

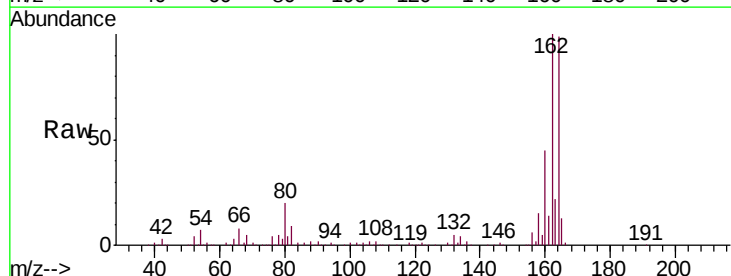


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

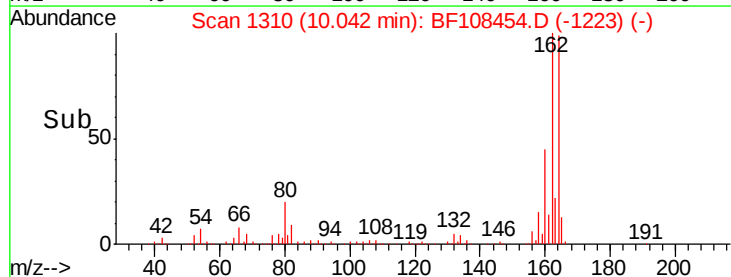
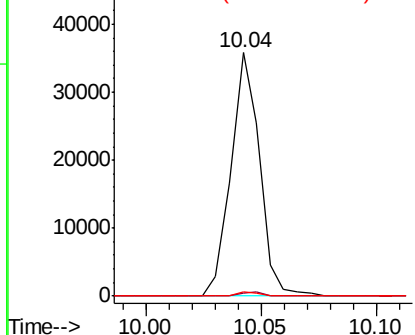


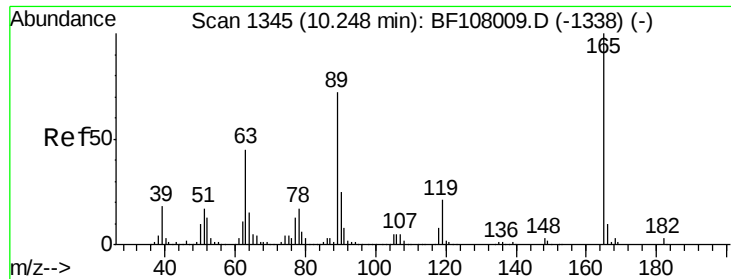
#50
2,6-Dinitrotoluene
Concen: 8.680 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.5	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

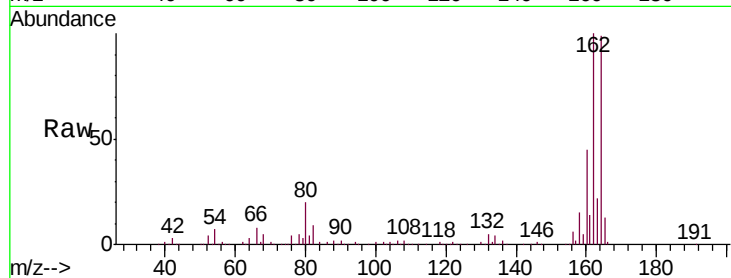




#56
 2,4-Dinitrotoluene
 Concen: 6.743 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108454.D
 Acq: 24 Aug 2018 7:19

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

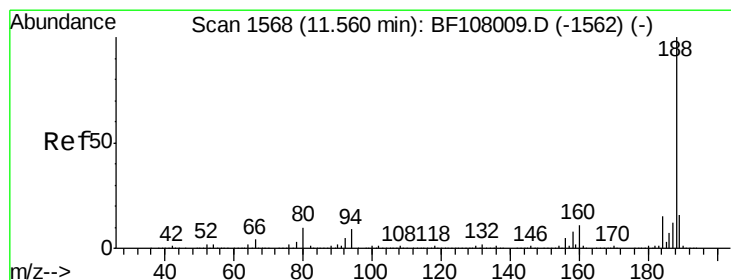
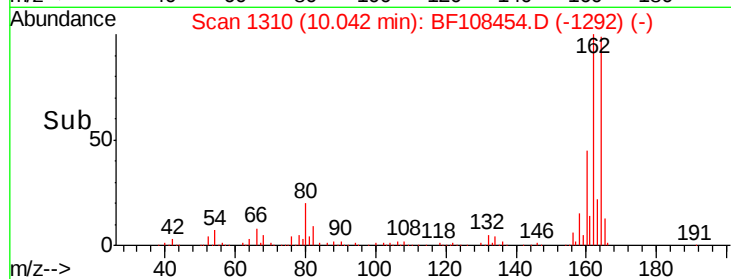
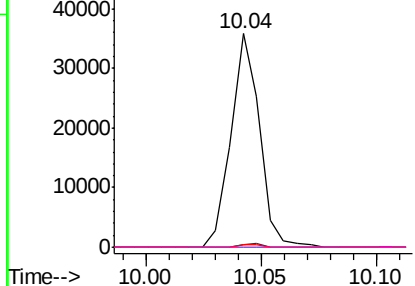


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

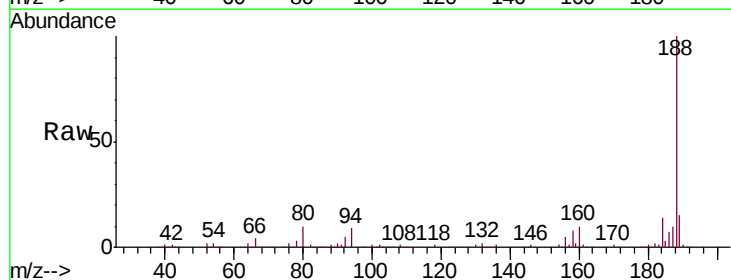
Ion 89.00 (88.70 to 89.70): BF1

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: BF108454.D
 Acq: 24 Aug 2018 7:19

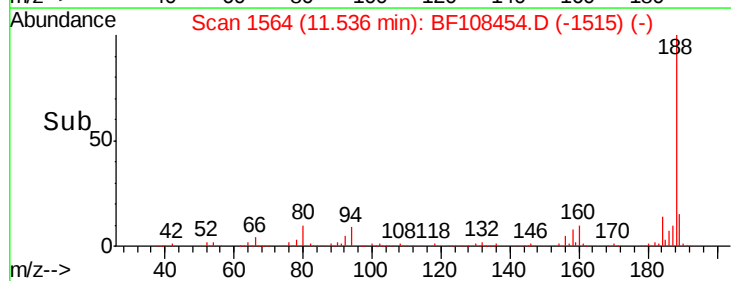
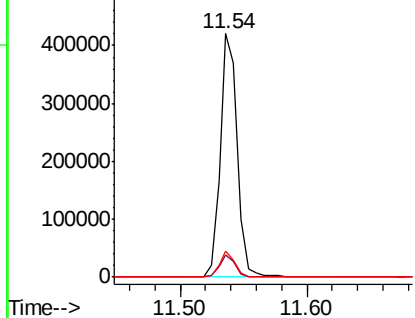
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.5	9.2	13.8

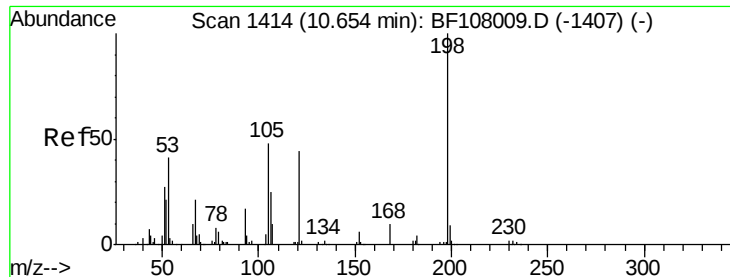


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

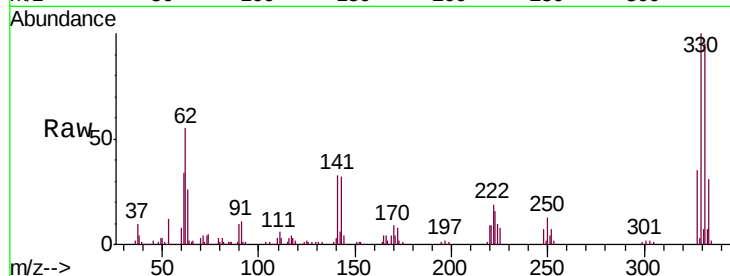




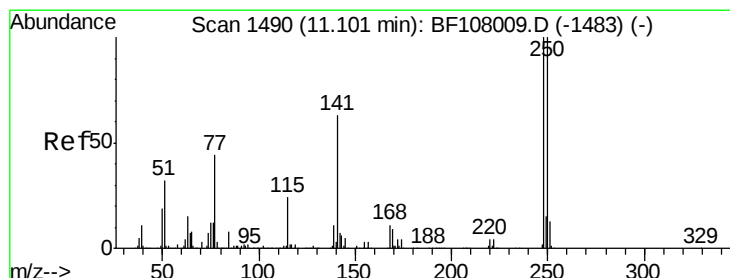
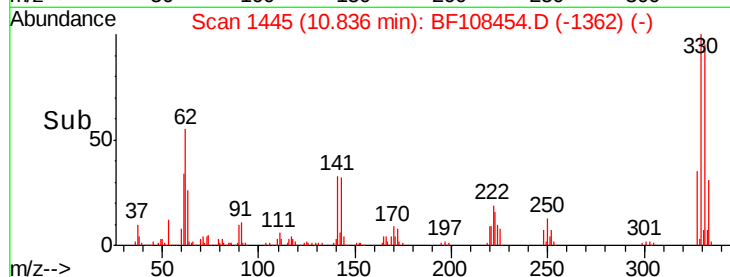
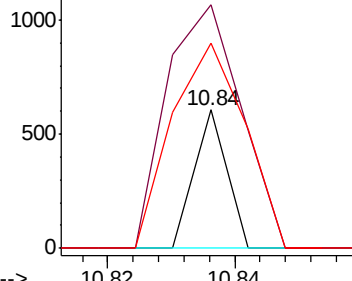
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.487 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108454.D
 Acq: 24 Aug 2018 7:19

Instrument :
 BNA_F
 ClientSampleId :
 082018-DBRI-E-U-M

Tgt Ion:198 Resp: 214
 Ion Ratio Lower Upper
 198 100
 51 176.2 37.7 77.7#
 105 148.1 36.3 76.3#

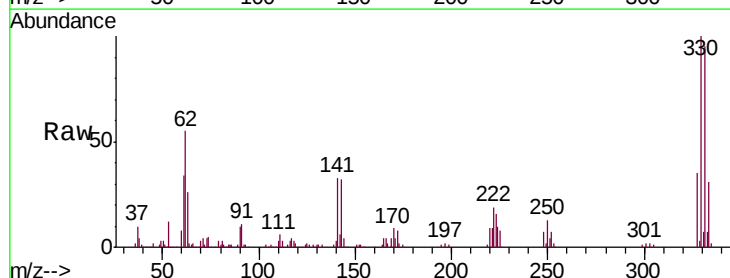


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

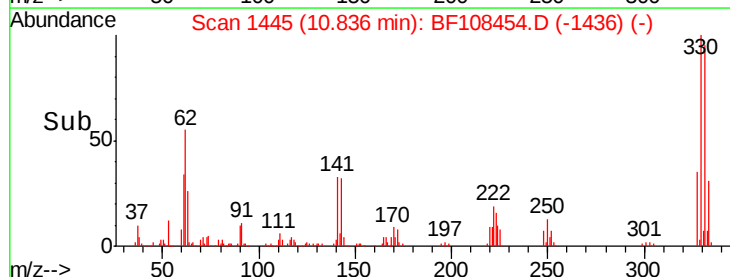
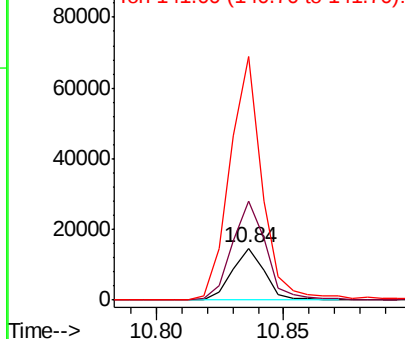


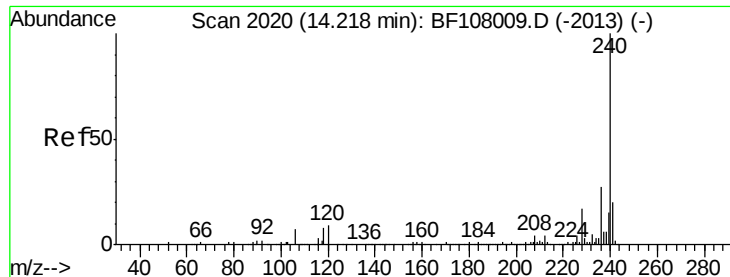
#66
 4-Bromophenyl-phenylether
 Concen: 3.013 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108454.D
 Acq: 24 Aug 2018 7:19

Tgt Ion:248 Resp: 12914
 Ion Ratio Lower Upper
 248 100
 250 191.7 76.9 115.3#
 141 472.0 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# 2015

Delta R.T. -0.01 min

Lab File: BF108454.D

Acq: 24 Aug 2018 7:19

Instrument :

BNA_F

ClientSampleId :

082018-DBRI-E-U-M

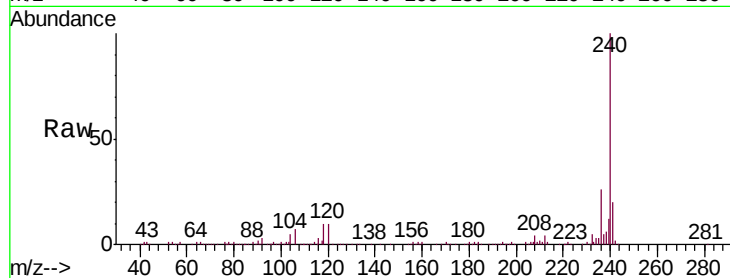
Tgt Ion:240 Resp: 308725

Ion Ratio Lower Upper

240 100

120 10.4 9.5 14.3

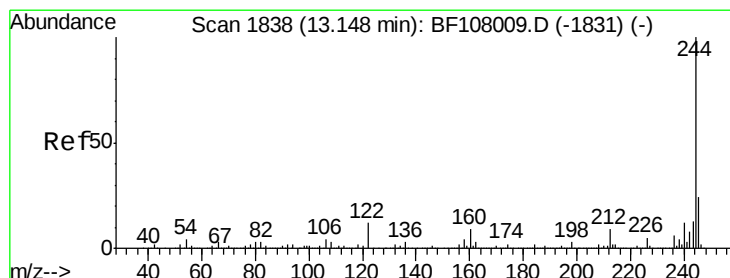
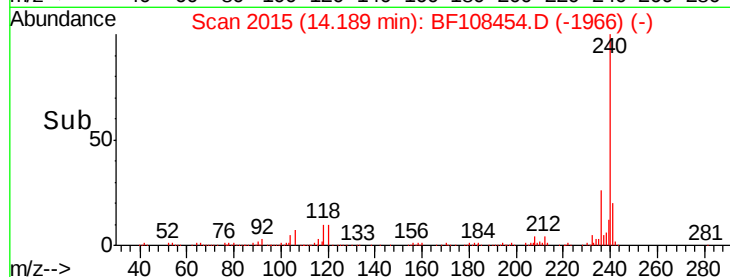
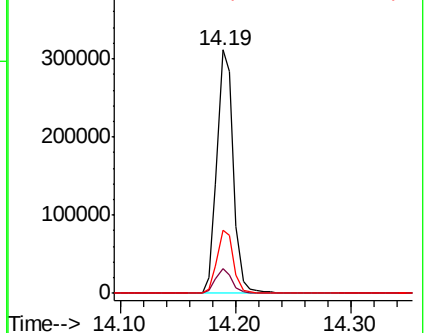
236 26.2 20.7 31.1



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: 94.963 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108454.D

Acq: 24 Aug 2018 7:19

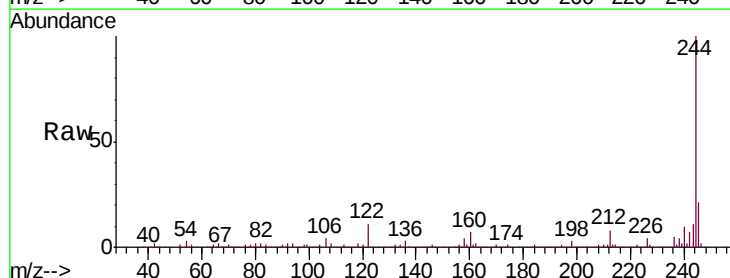
Tgt Ion:244 Resp: 1153065

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

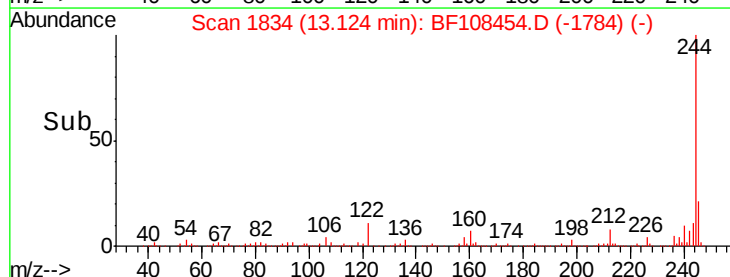
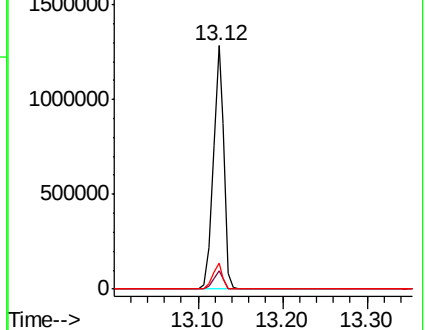
122 10.6 11.0 16.4#

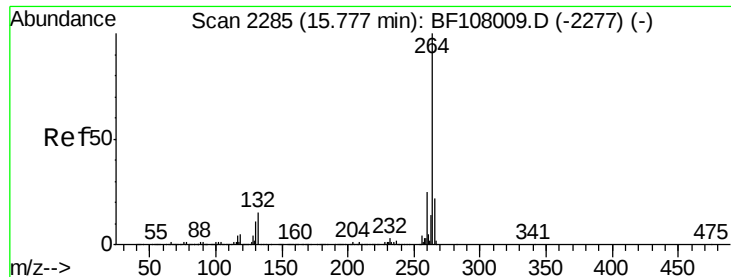


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.75 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF108454.D
Acq: 24 Aug 2018 7:19

Instrument :
BNA_F
ClientSampleId :
082018-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3

