

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109466.D
 Acq On : 29 Sep 2018 8:10
 Operator : JU/SJ
 Sample : J5133-19
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Quant Time: Oct 01 03:10:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

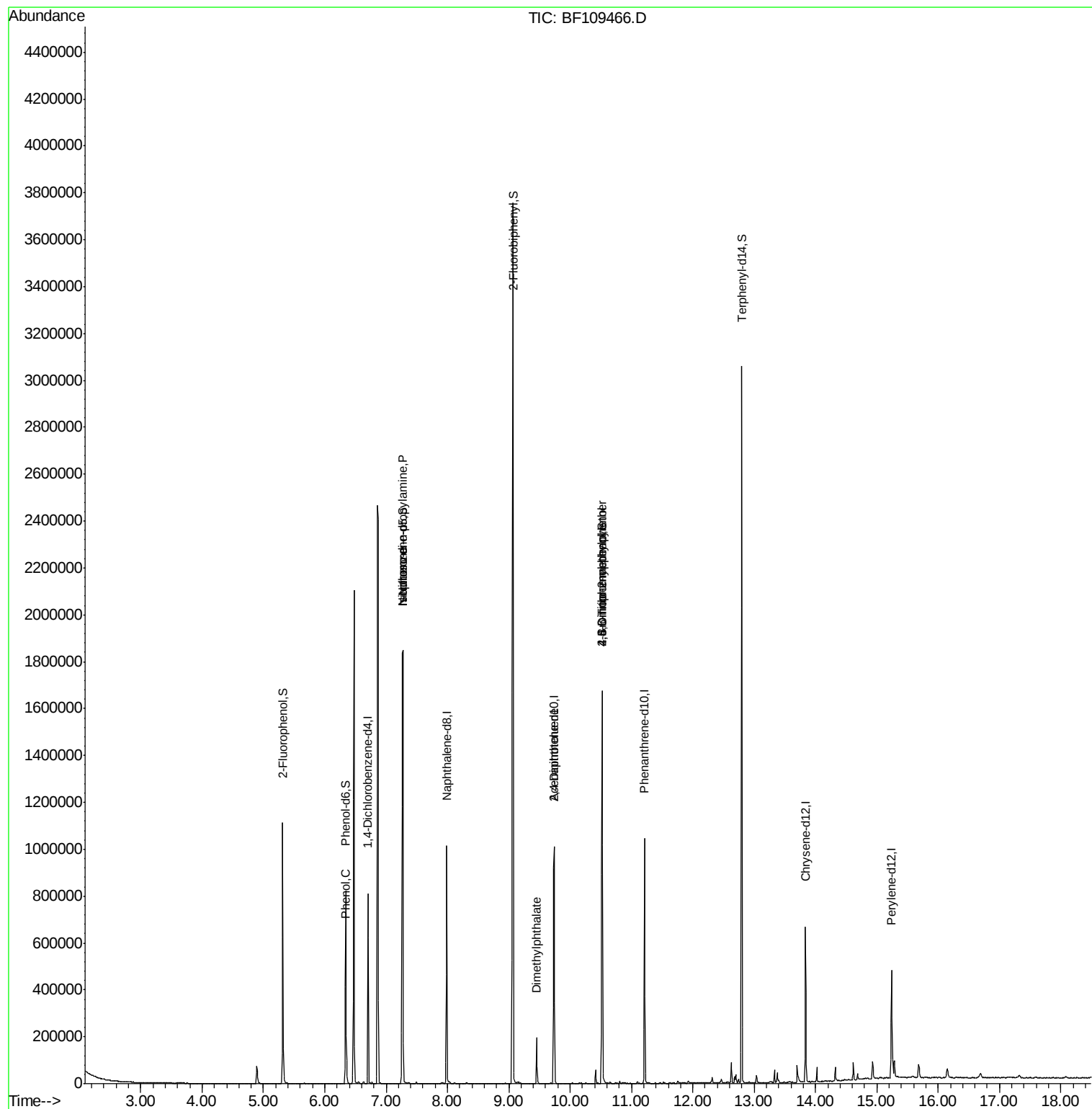
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114321	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	429020	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	202158	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	364751	20.00	ng	0.00
75) Chrysene-d12	13.84	240	216372	20.00	ng	0.00
86) Perylene-d12	15.24	264	219216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	302739	43.62	ng	0.00
7) Phenol-d6	6.34	99	244893	27.65	ng	-0.02
23) Nitrobenzene-d5	7.27	82	740589	101.90	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	187673	94.17	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1252738	93.46	ng	0.00
78) Terphenyl-d14	12.80	244	1117067	126.70	ng	0.00
Target Compounds						
10) Phenol	6.35	94	29778	2.969	ng	94
19) n-Nitroso-di-n-propylamine	7.27	70	101076	17.417	ng	# 78
25) Isophorone	7.27	82	704543	53.835	ng	# 64
49) Dimethylphthalate	9.46	163	77572	5.276	ng	98
56) 2,4-Dinitrotoluene	9.74	165	25695	6.974	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	205	6.641	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11518	2.844	ng	# 1

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

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QLast Update : Sat Sep 22 13:32:18 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF109466.D

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Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

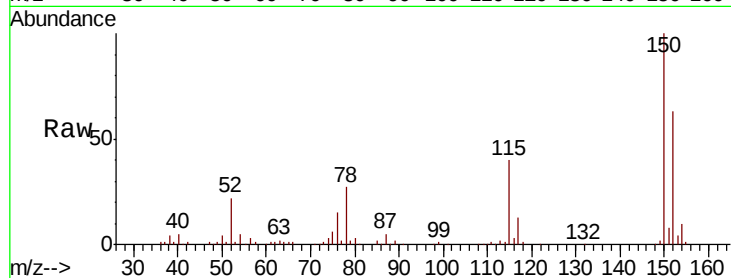
Tgt Ion:152 Resp: 114321

Ion Ratio Lower Upper

152 100

150 158.8 124.6 186.8

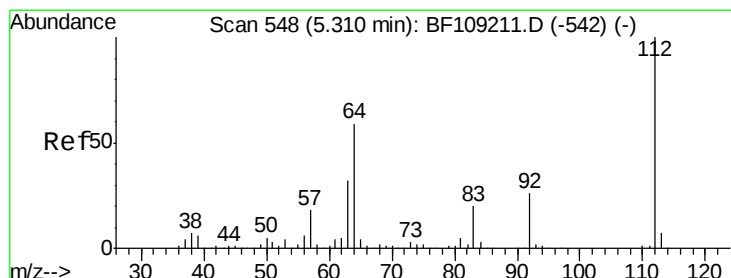
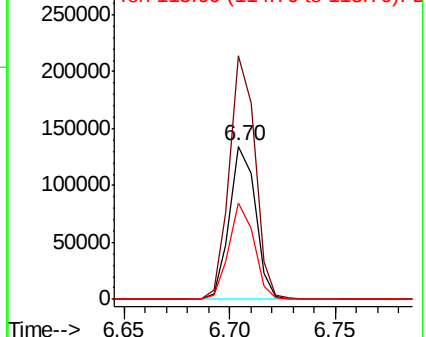
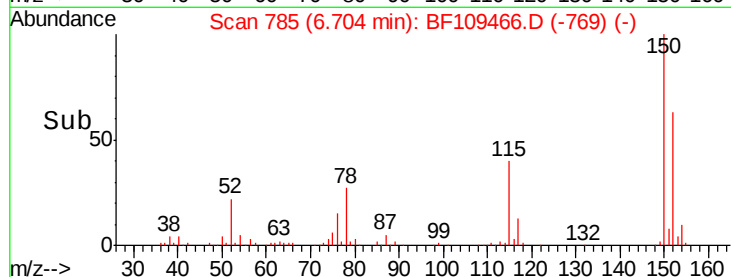
115 63.1 50.1 75.1



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: 43.617 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

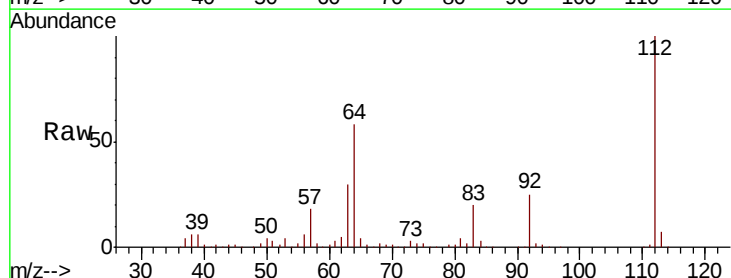
Tgt Ion:112 Resp: 302739

Ion Ratio Lower Upper

112 100

64 58.2 47.9 71.9

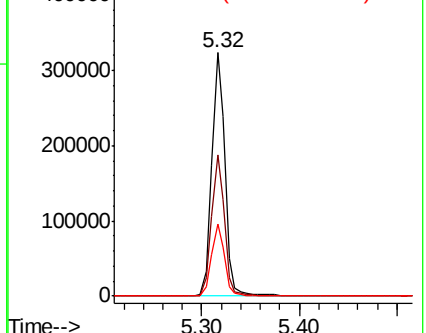
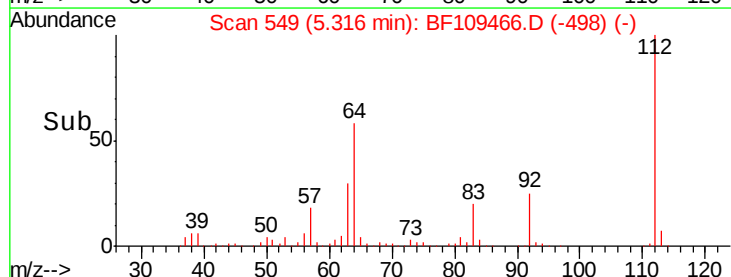
63 29.7 23.7 35.5



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: 27.650 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

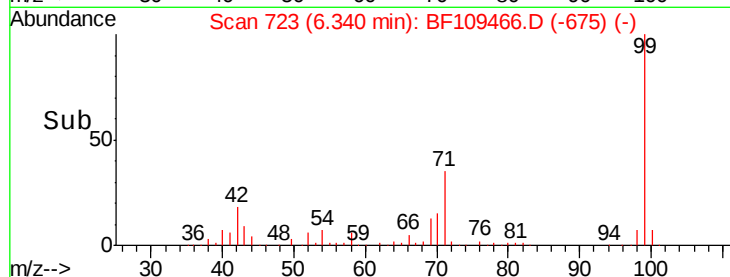
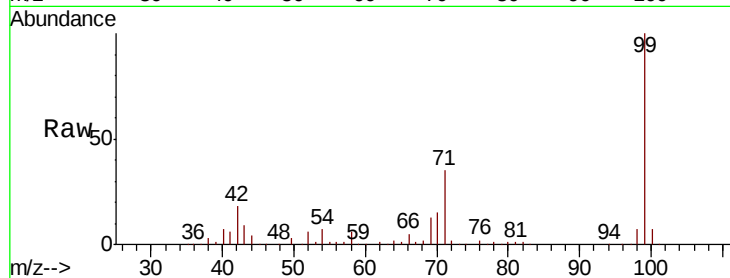
Tgt Ion: 99 Resp: 244893

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

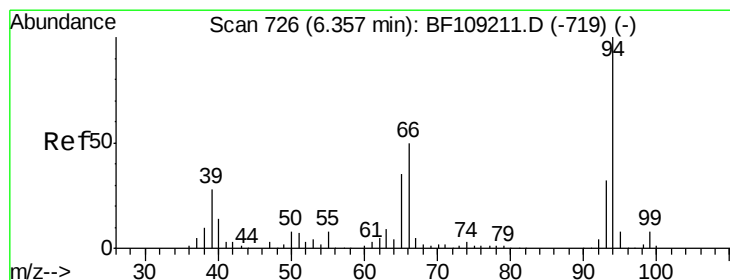
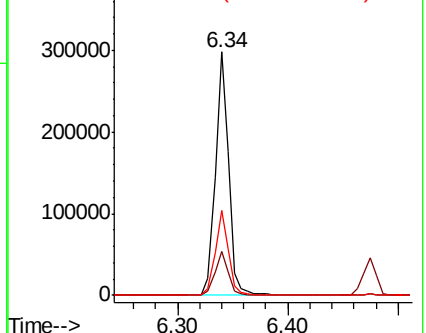
71 34.7 25.4 38.0



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



#10

Phenol

Concen: 2.969 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

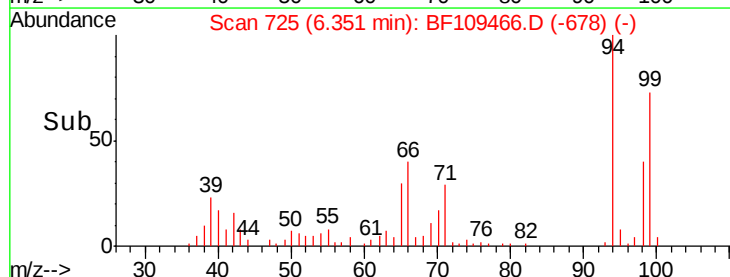
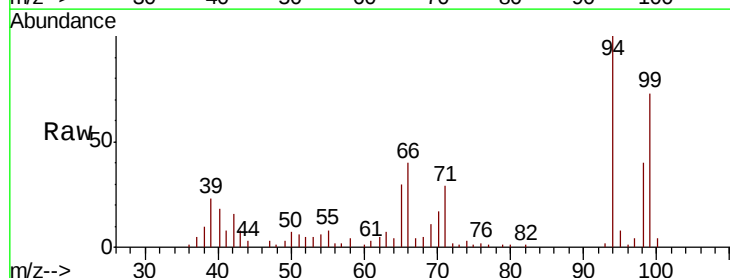
Tgt Ion: 94 Resp: 29778

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

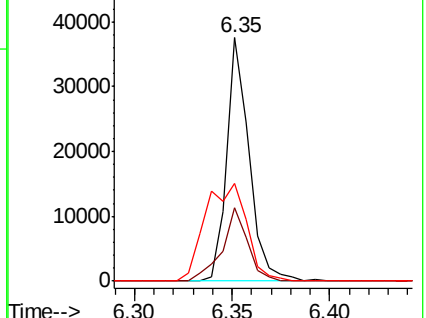
66 40.2 16.2 56.2



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

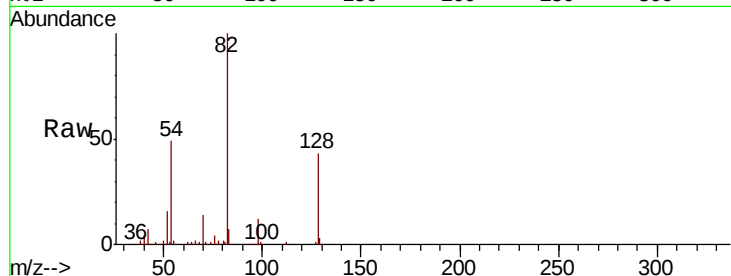




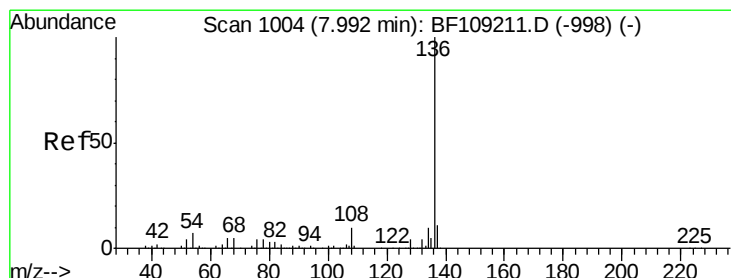
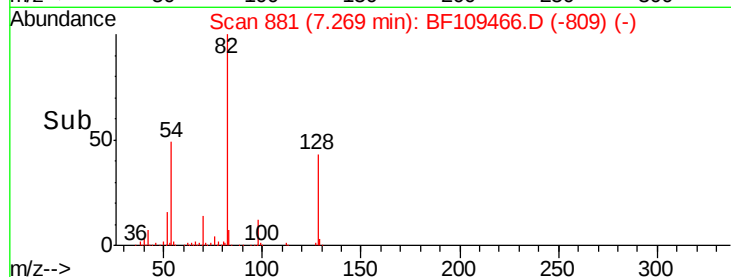
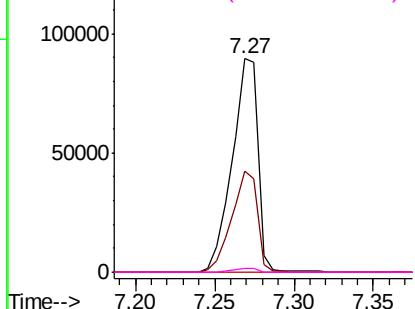
#19
n-Nitroso-di-n-propylamine
Concen: 17.417 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109466.D
Acq: 29 Sep 2018 8:10

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-U-M

Tgt Ion:	70	Resp:	101076
Ion	Ratio	Lower	Upper
70	100		
42	47.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#

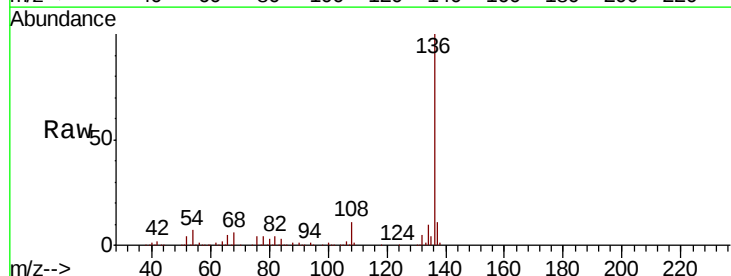


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

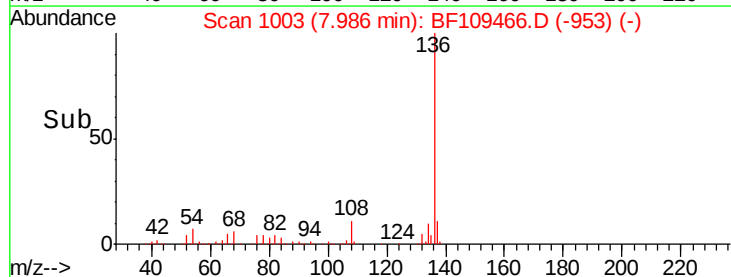
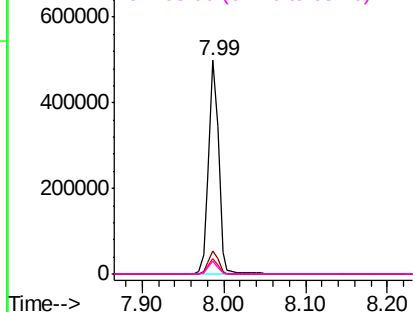


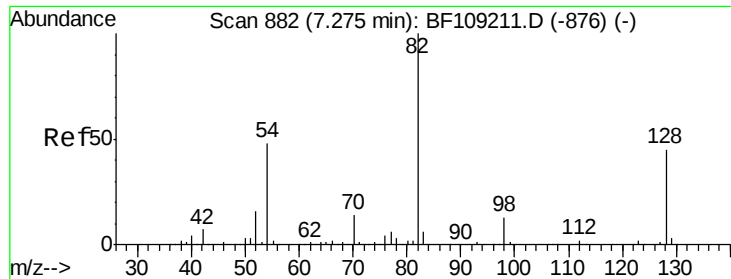
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109466.D
Acq: 29 Sep 2018 8:10

Tgt Ion:	136	Resp:	429020
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.4	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

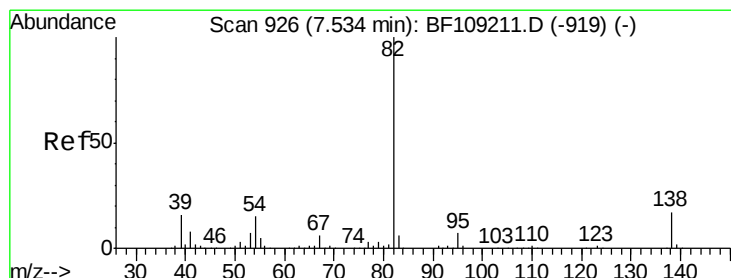
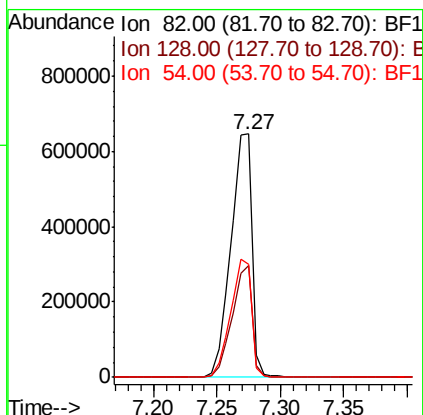
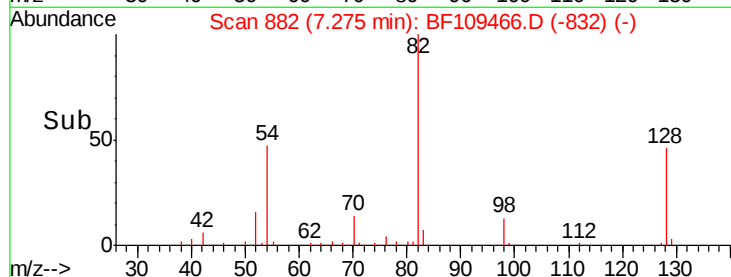
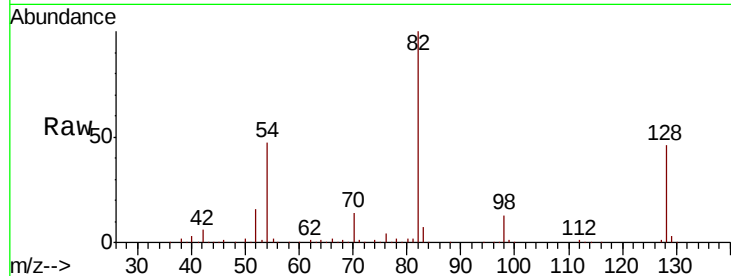




#23
 Nitrobenzene-d5
 Concen: 101.902 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

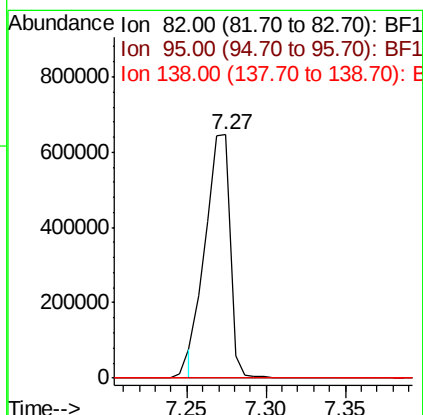
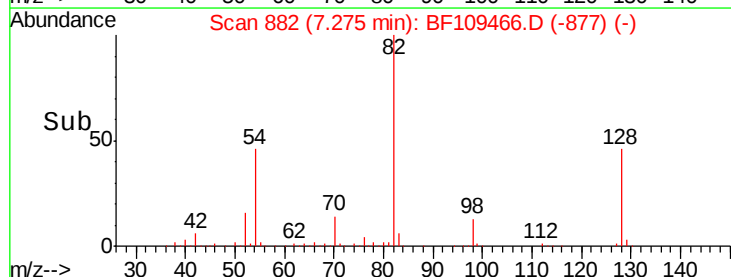
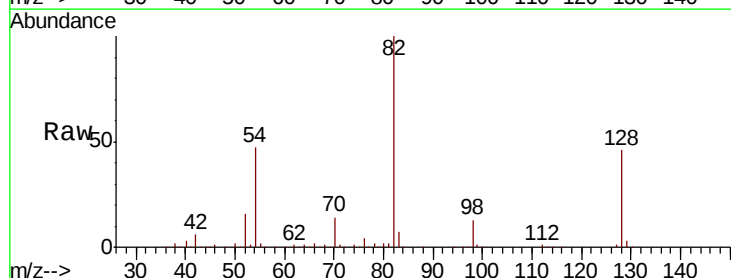
Instrument :
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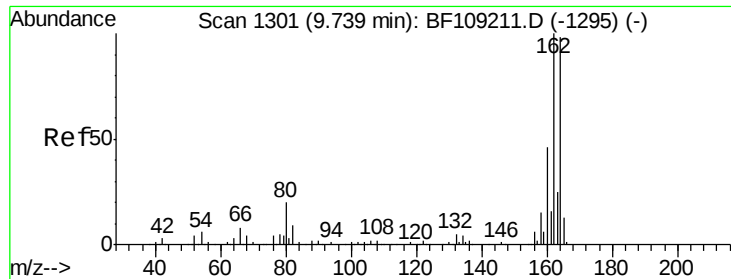
Tgt Ion: 82 Resp: 740589
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.1 54.1
 54 46.6 41.4 62.2



#25
 Isophorone
 Concen: 53.835 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion: 82 Resp: 704543
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

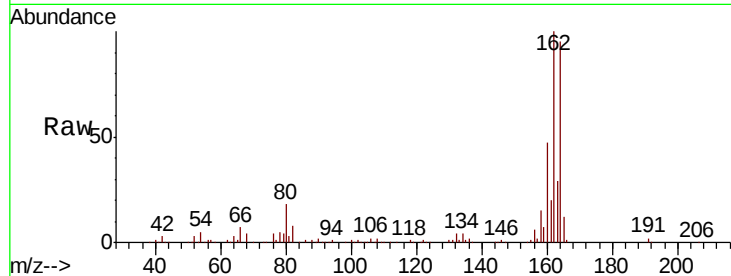




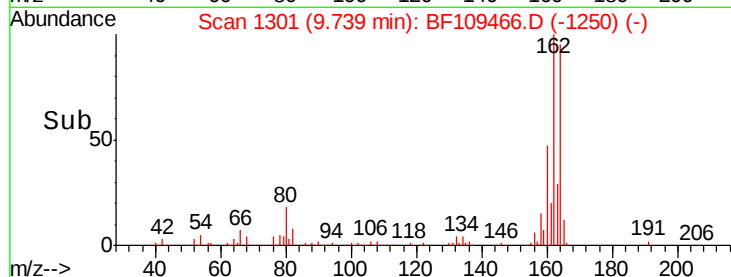
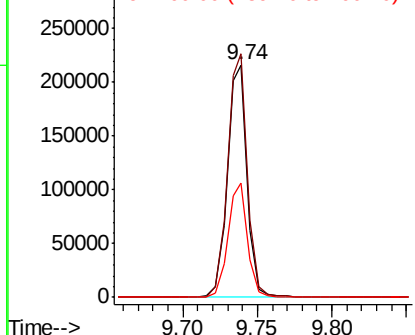
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	49.3	38.3	57.5

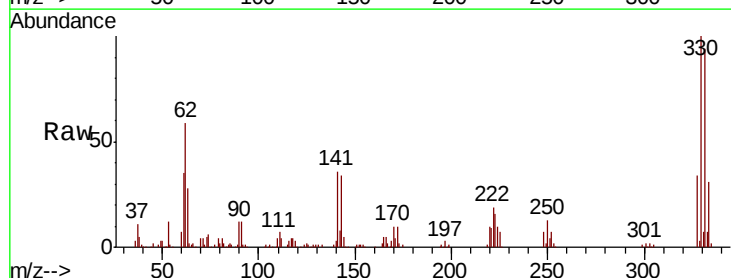


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

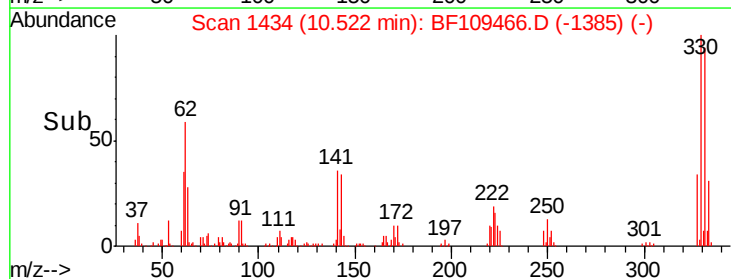
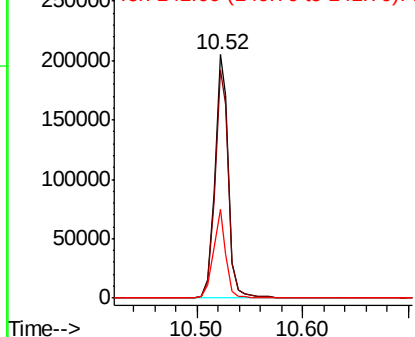


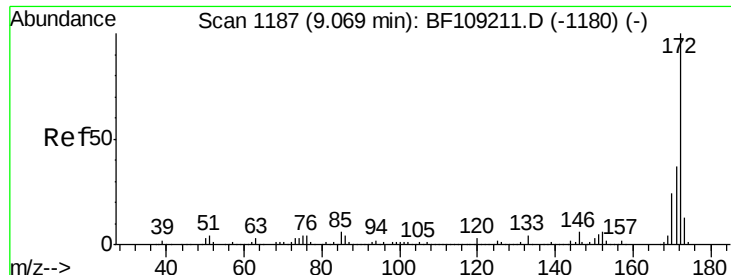
#41
 2,4,6-Tribromophenol
 Concen: 94.173 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	33.4	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

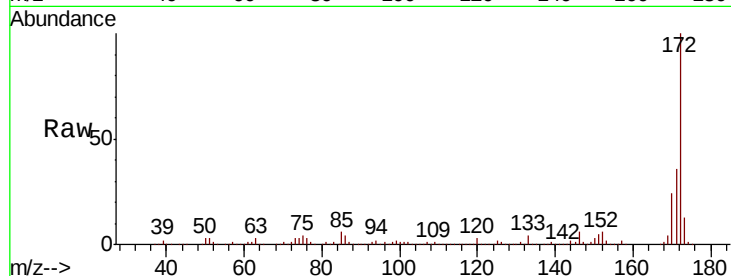




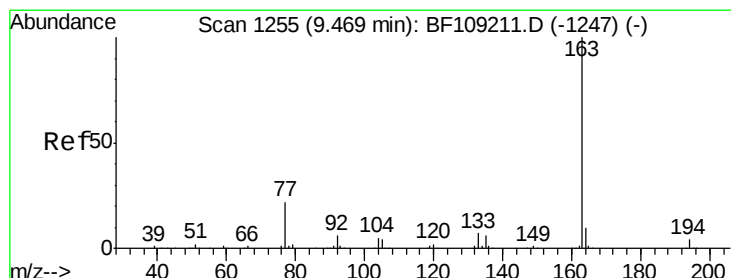
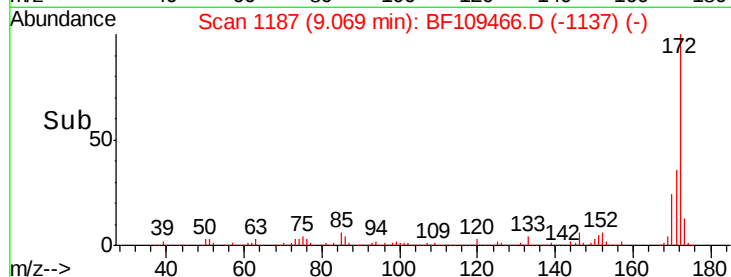
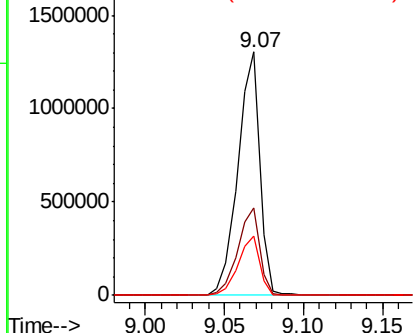
#44
 2-Fluorobiphenyl
 Concen: 93.460 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Instrument :
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Tgt Ion:172 Resp: 1252738
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.4 19.6 29.4

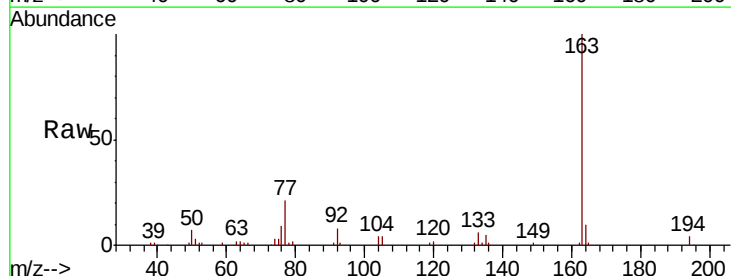


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

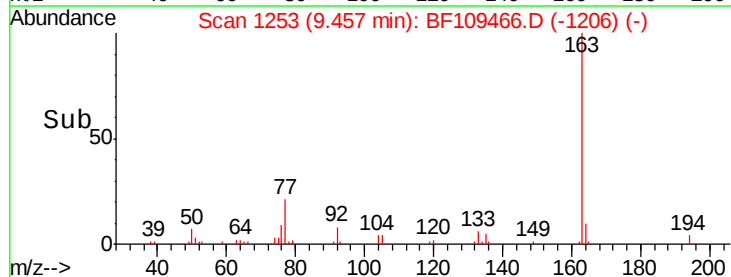
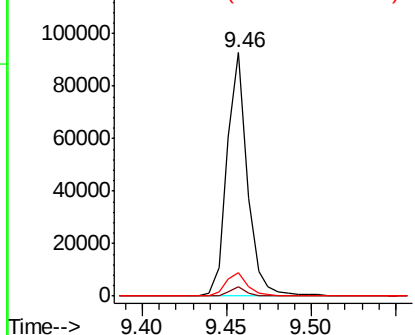


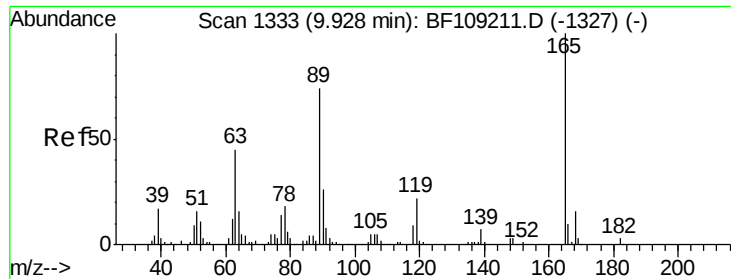
#49
 Dimethylphthalate
 Concen: 5.276 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion:163 Resp: 77572
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.6 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: 6.974 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.20 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

Tgt Ion:165 Resp: 25695

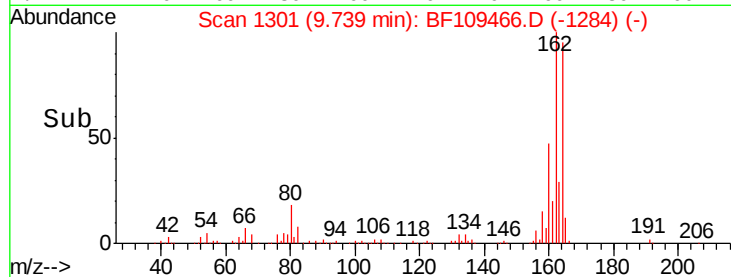
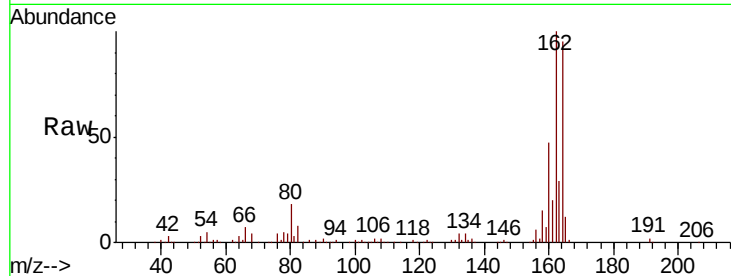
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

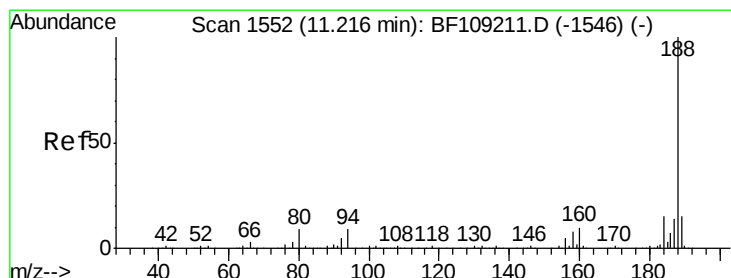
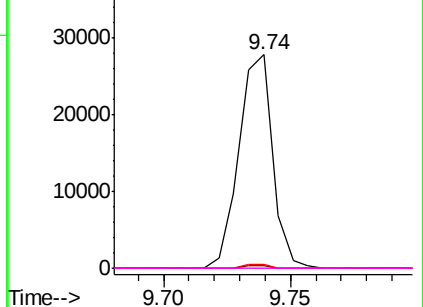


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

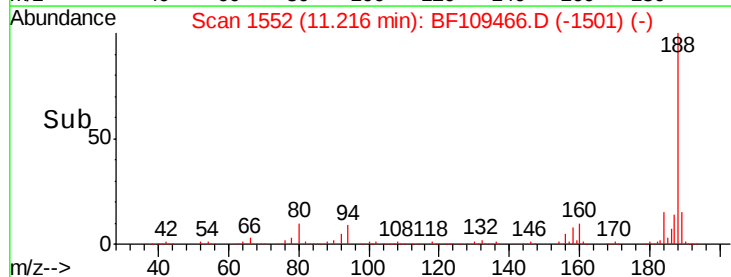
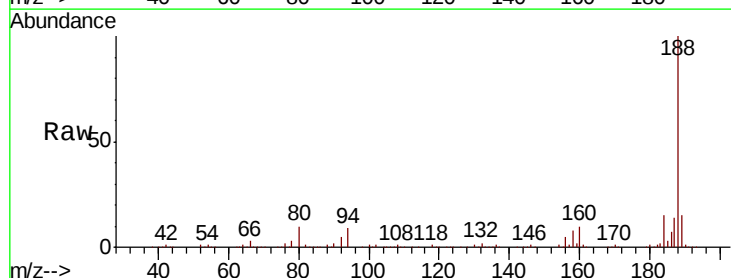
Tgt Ion:188 Resp: 364751

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

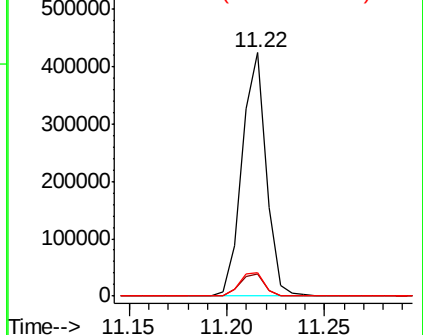
80 9.5 9.2 13.8

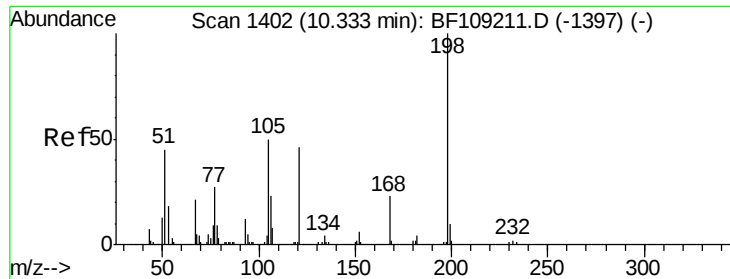


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

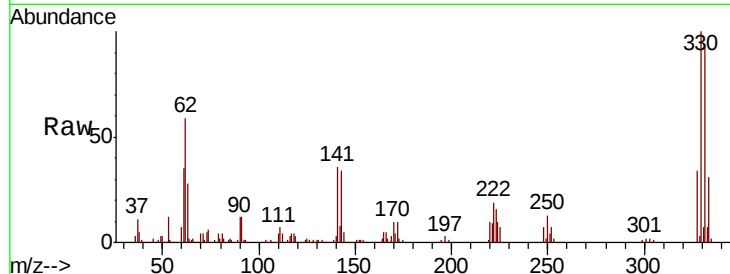




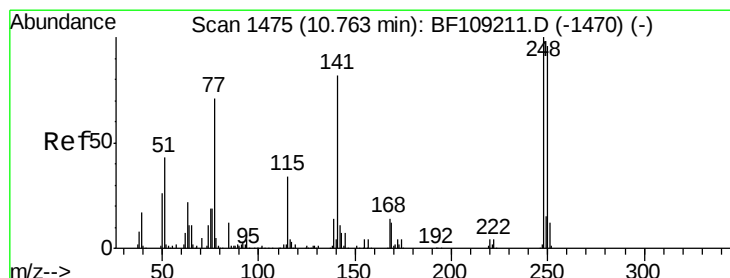
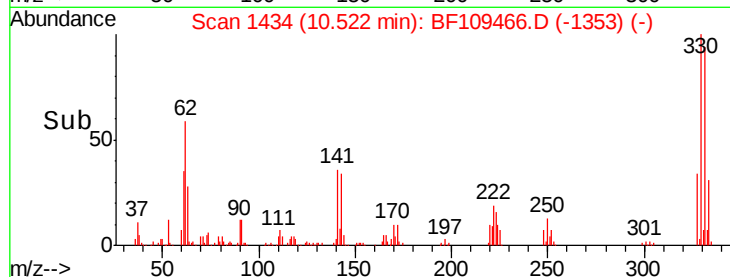
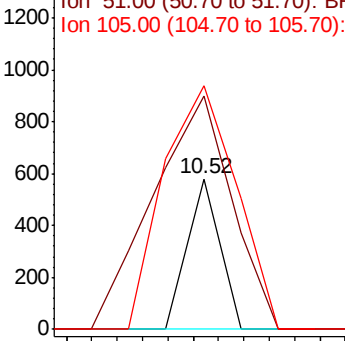
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.641 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-M

Tgt Ion:198 Resp: 205
 Ion Ratio Lower Upper
 198 100
 51 155.0 37.7 77.7#
 105 161.7 36.3 76.3#

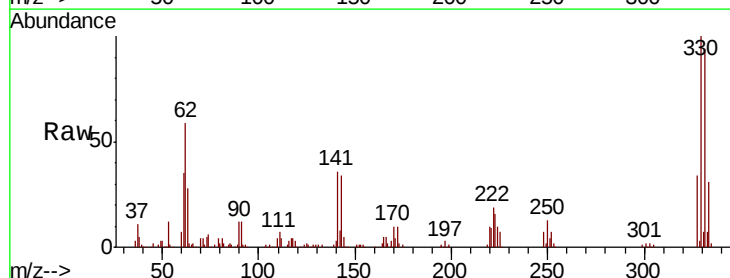


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

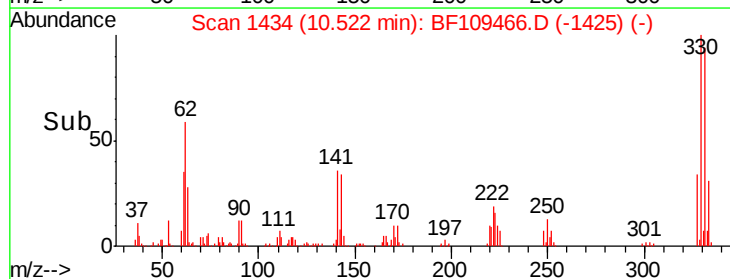
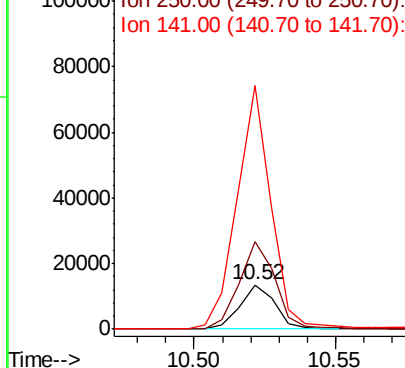


#66
 4-Bromophenyl-phenylether
 Concen: 2.844 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109466.D
 Acq: 29 Sep 2018 8:10

Tgt Ion:248 Resp: 11518
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 553.0 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-M

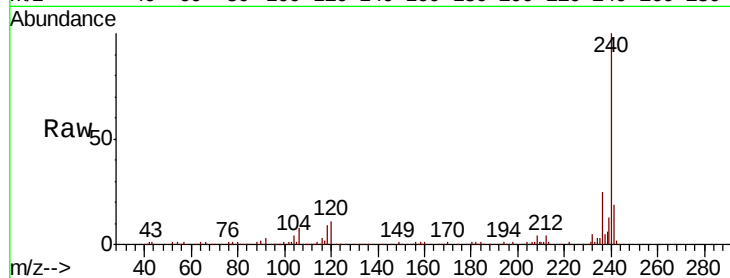
Tgt Ion:240 Resp: 216372

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

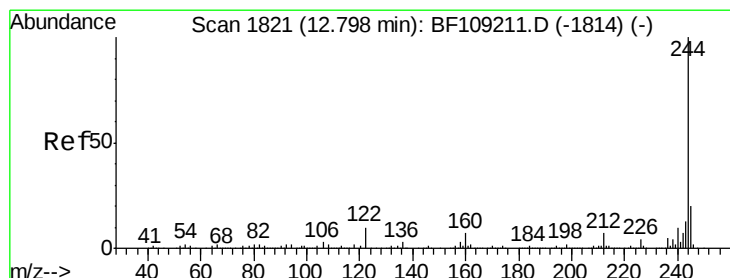
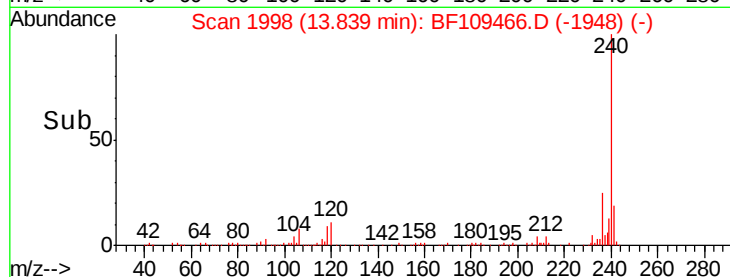
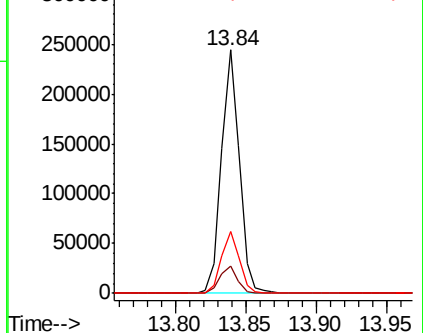
236 25.2 20.7 31.1



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: 126.702 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109466.D

Acq: 29 Sep 2018 8:10

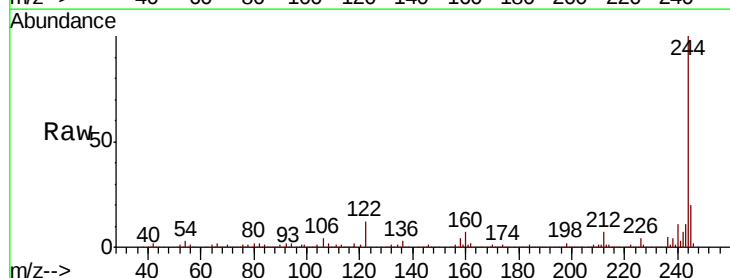
Tgt Ion:244 Resp: 1117067

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

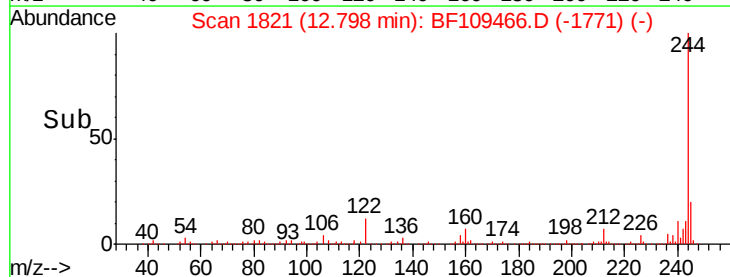
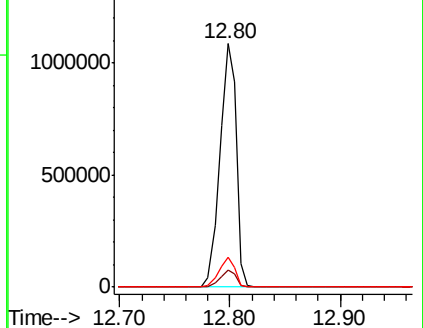
122 12.0 11.0 16.4

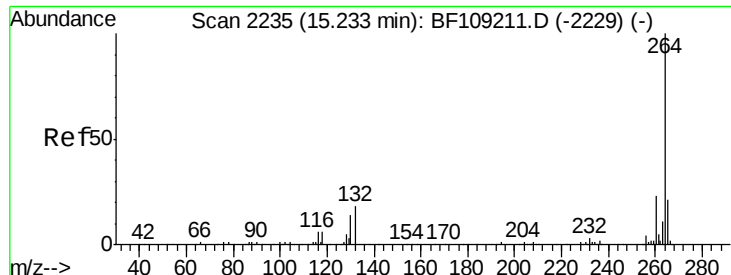


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109466.D
Acq: 29 Sep 2018 8:10

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-U-M

Tgt Ion:	264	Resp:	219216
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.1	17.5	26.3

