

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109523.D
 Acq On : 3 Oct 2018 1:52
 Operator : JU/SJ
 Sample : J5187-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-M

Quant Time: Oct 03 03:11:15 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

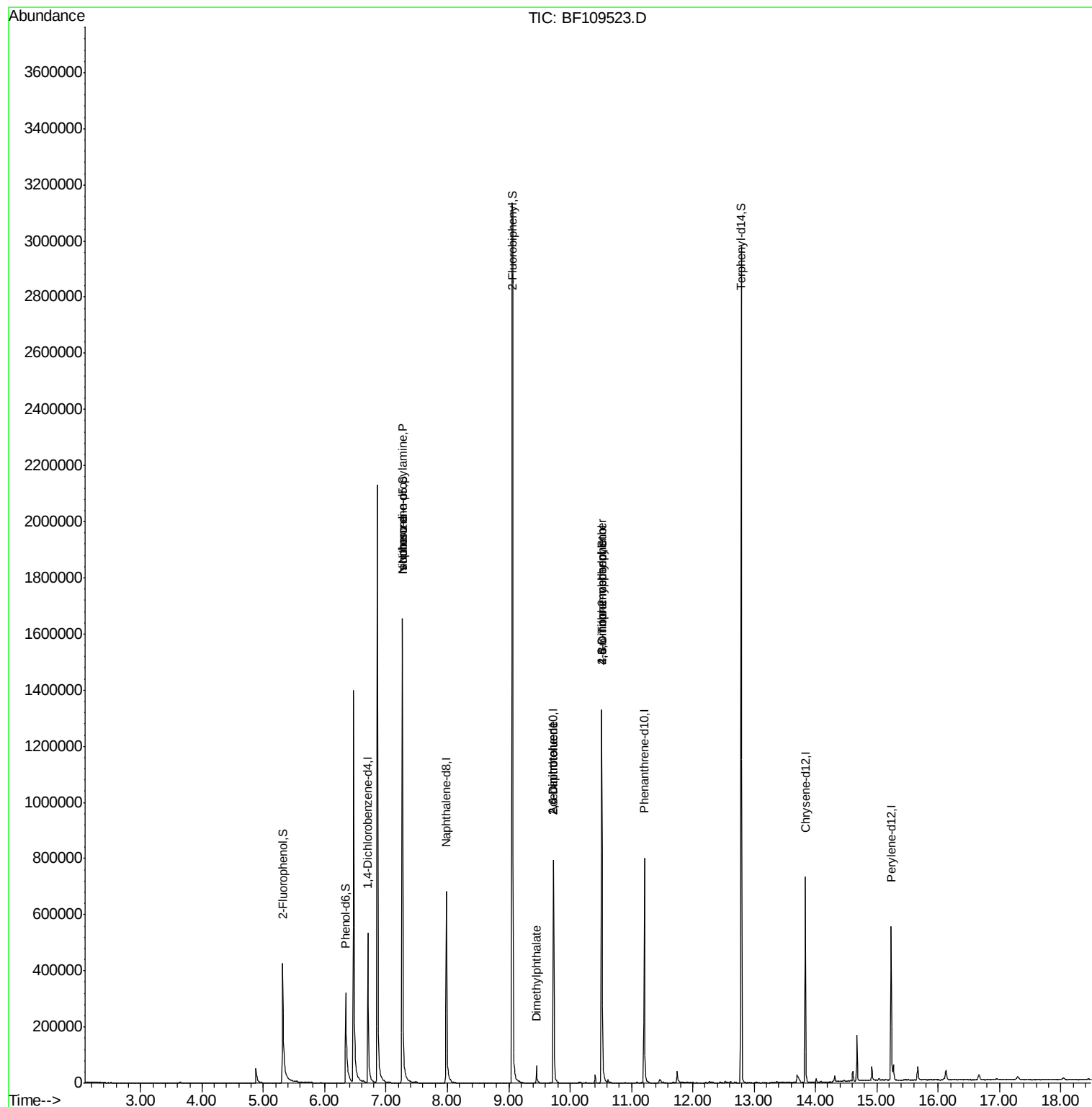
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	103747	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	395798	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	185203	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	334456	20.00	ng	0.00
75) Chrysene-d12	13.83	240	251225	20.00	ng	-0.01
86) Perylene-d12	15.23	264	258381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	228245	36.24	ng	0.00
7) Phenol-d6	6.34	99	179616	22.35	ng	-0.02
23) Nitrobenzene-d5	7.27	82	680311	101.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	175729	96.25	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1187959	96.74	ng	-0.01
78) Terphenyl-d14	12.79	244	1044210	102.01	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	91297	17.335	ng	# 76
25) Isophorone	7.27	82	670110	55.502	ng	# 64
49) Dimethylphthalate	9.45	163	35440	2.631	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	23026	8.631	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	23026	6.821	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	274	6.697	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10755	2.896	ng	# 1

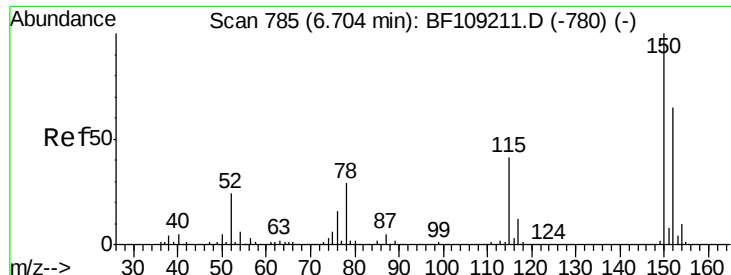
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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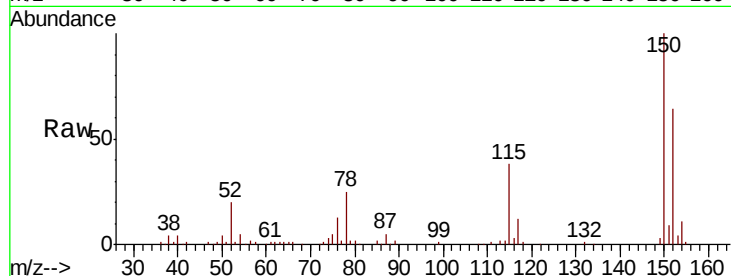




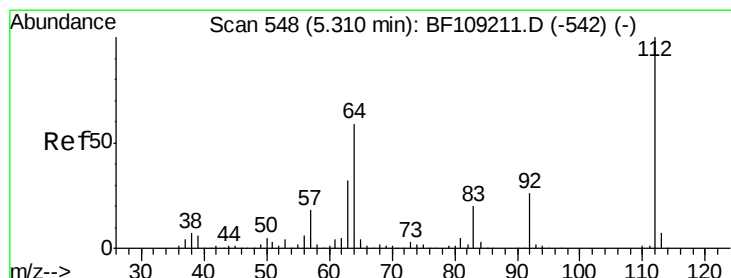
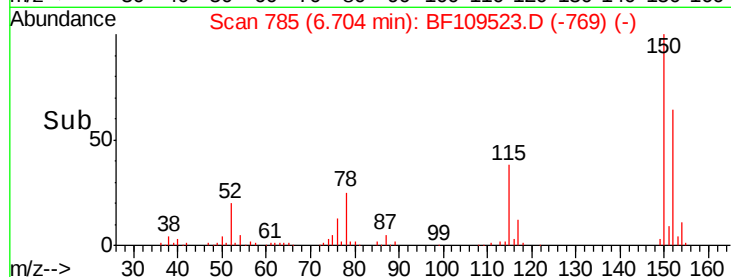
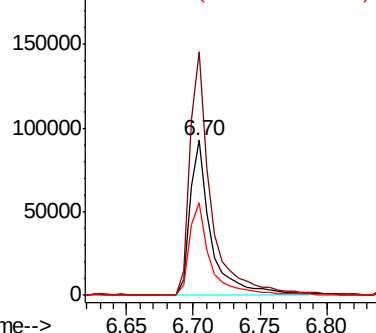
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-M

Tgt Ion:152 Resp: 103747
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 59.8 50.1 75.1

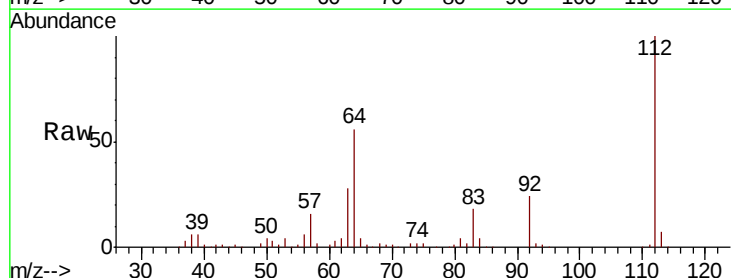


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

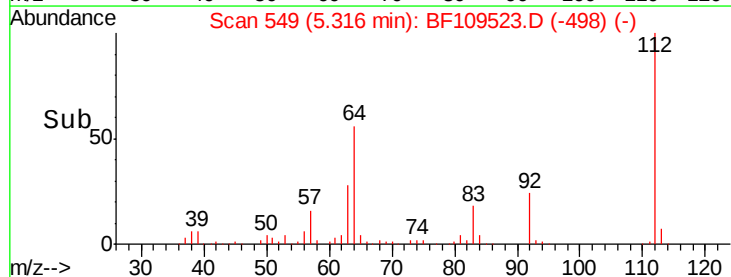
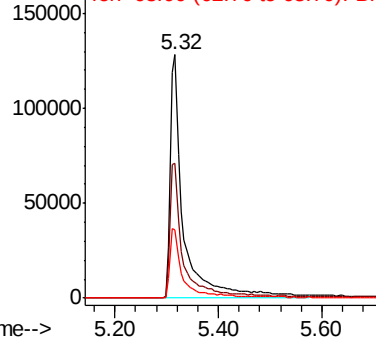


#5
 2-Fluorophenol
 Concen: 36.236 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Tgt Ion:112 Resp: 228245
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.9 71.9
 63 28.1 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: 22.347 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-M

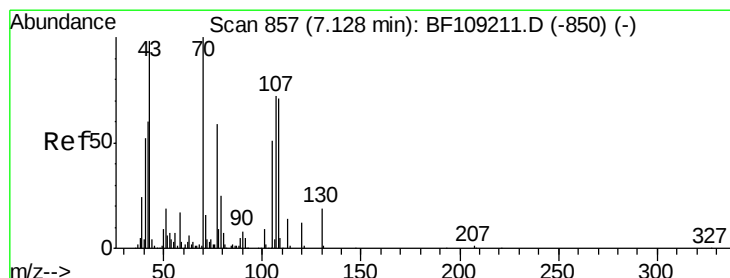
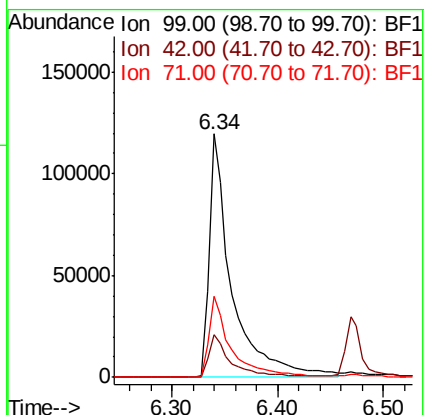
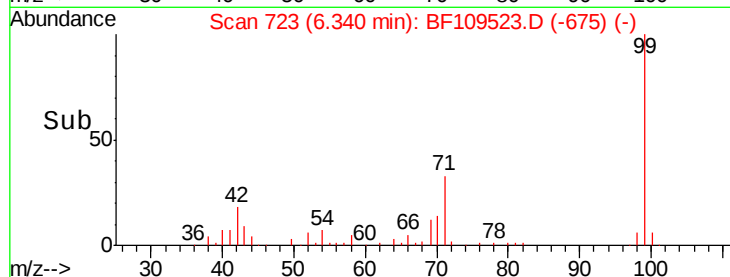
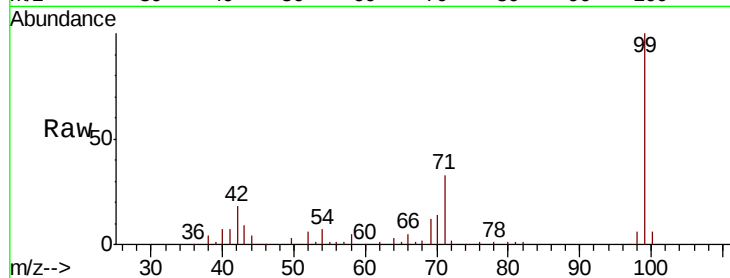
Tgt Ion: 99 Resp: 179616

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.335 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

Tgt Ion: 70 Resp: 91297

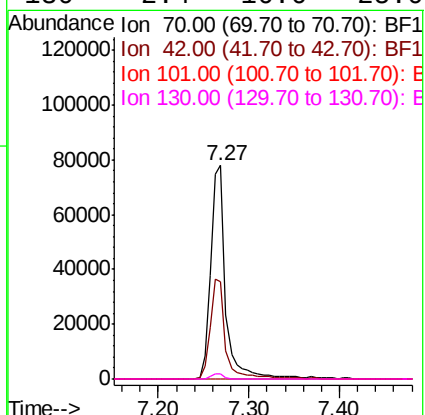
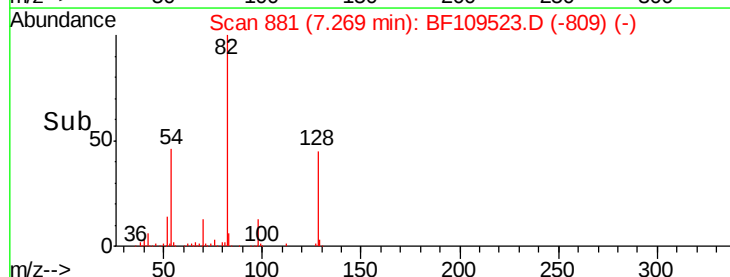
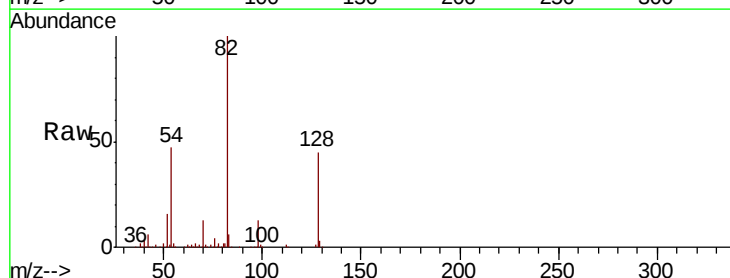
Ion Ratio Lower Upper

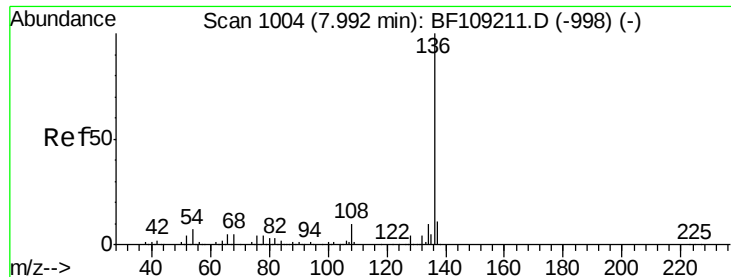
70 100

42 45.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-M

Tgt Ion: 136 Resp: 395798

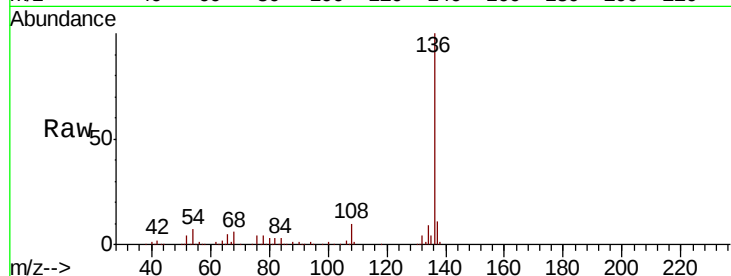
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.5 5.0 7.4

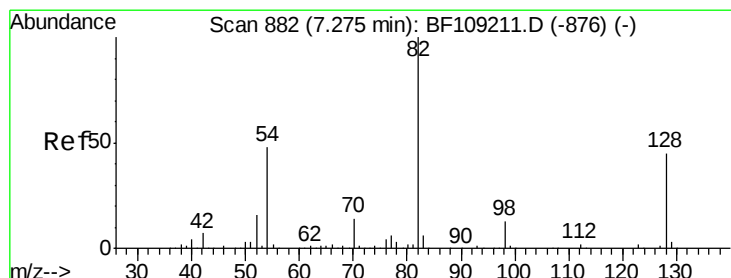
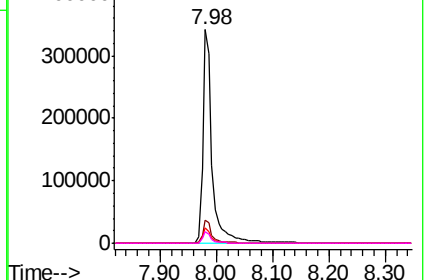
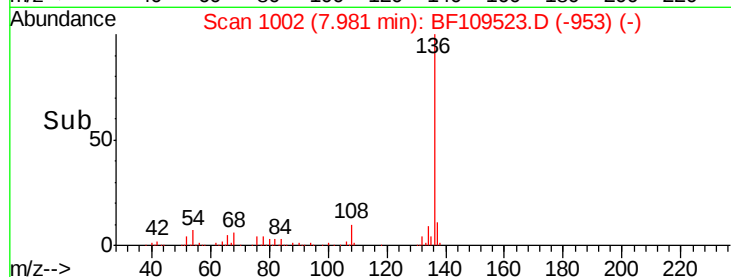


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.465 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

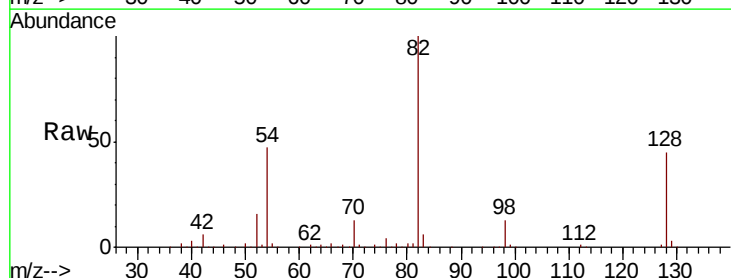
Tgt Ion: 82 Resp: 680311

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

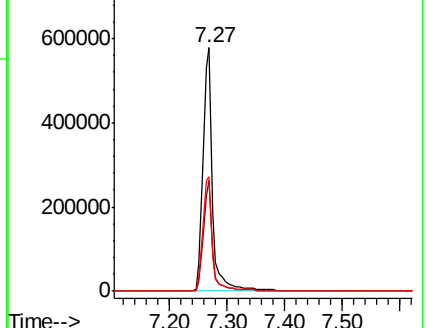
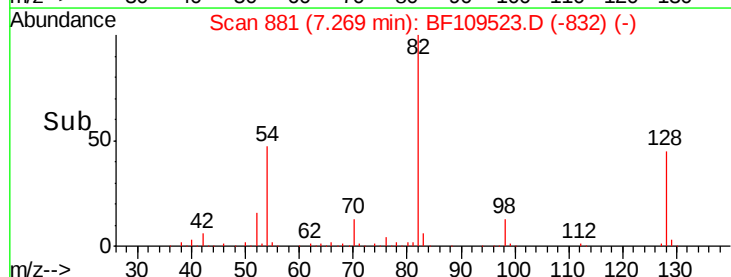
54 46.9 41.4 62.2

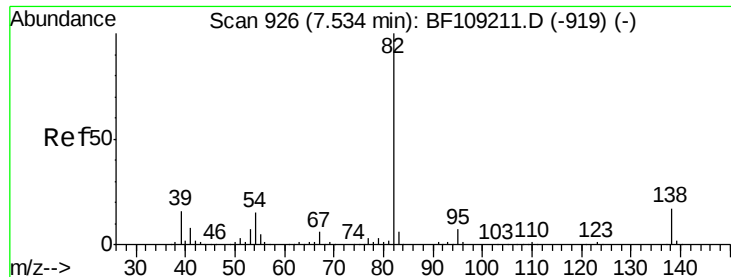


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

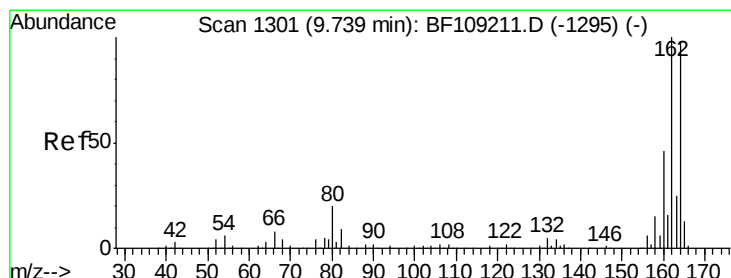
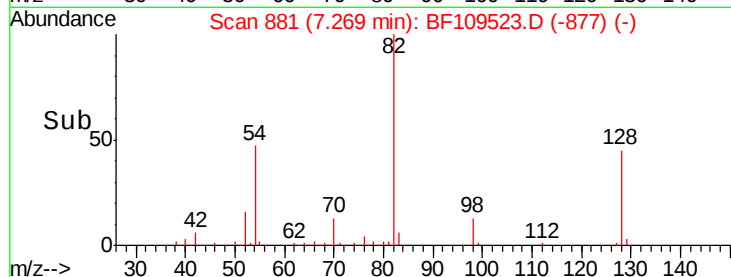
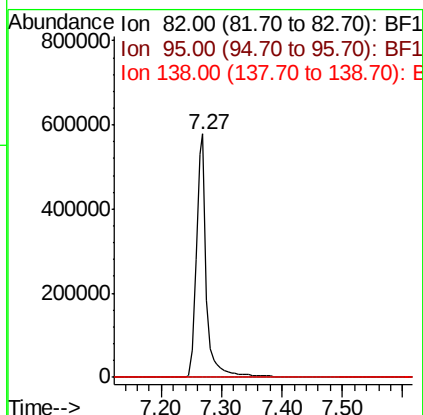
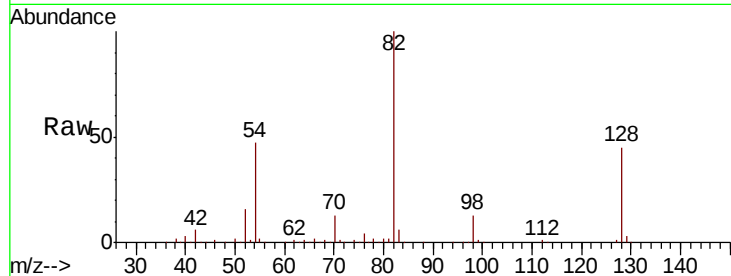




#25
Isophorone
Concen: 55.502 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109523.D
Acq: 3 Oct 2018 1:52

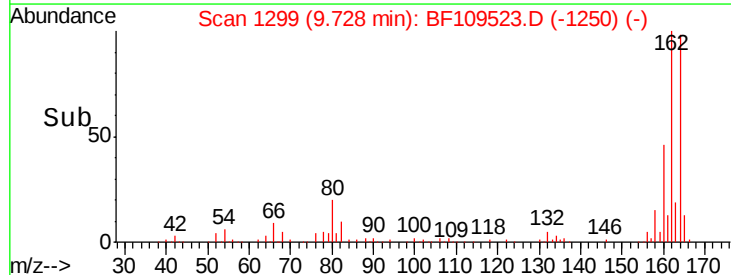
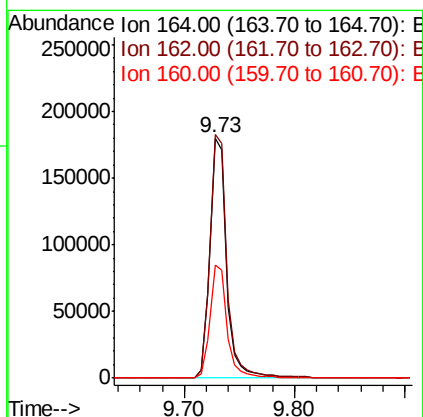
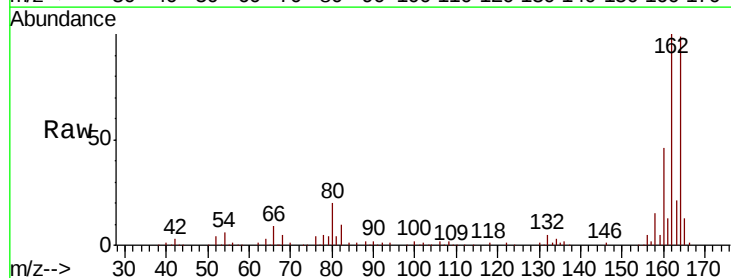
Instrument :
BNA_F
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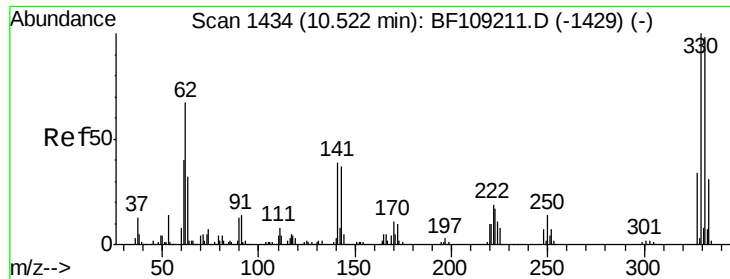
Tgt Ion: 82 Resp: 670110
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109523.D
Acq: 3 Oct 2018 1:52

Tgt Ion: 164 Resp: 185203
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 46.9 38.3 57.5

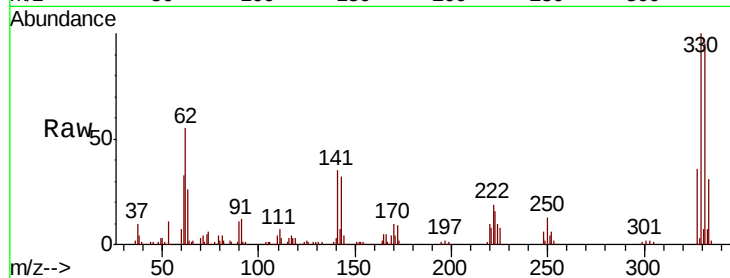




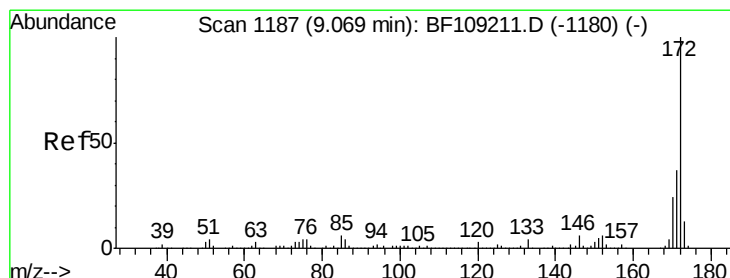
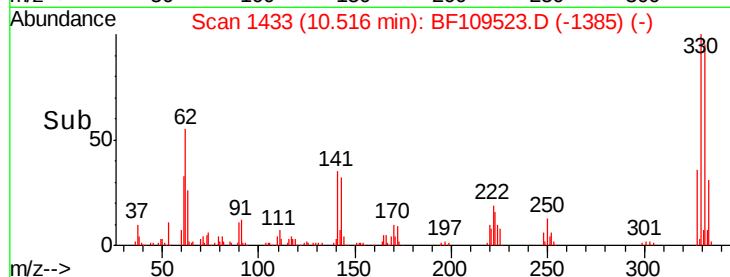
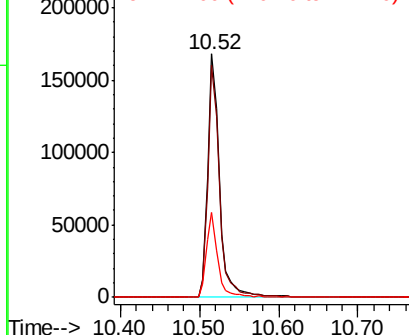
#41
 2,4,6-Tribromophenol
 Concen: 96.252 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-M

Tgt Ion: 330 Resp: 175729
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.0 115.6
 141 33.5 29.9 44.9

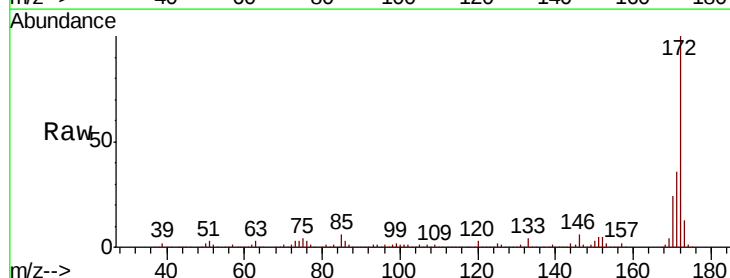


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

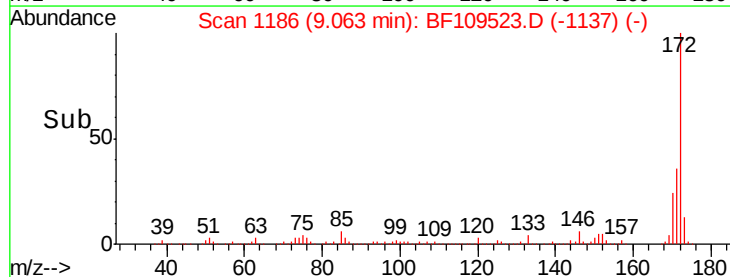
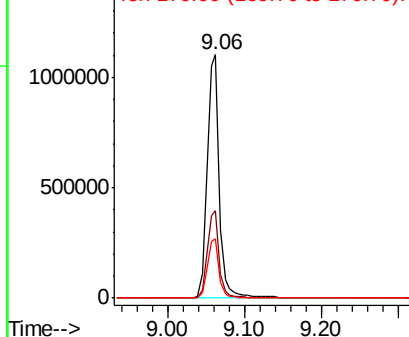


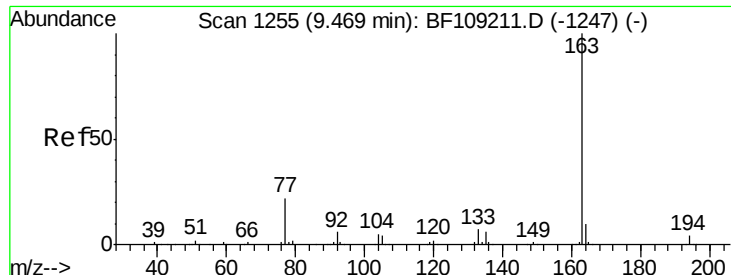
#44
 2-Fluorobiphenyl
 Concen: 96.741 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Tgt Ion: 172 Resp: 1187959
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.3 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

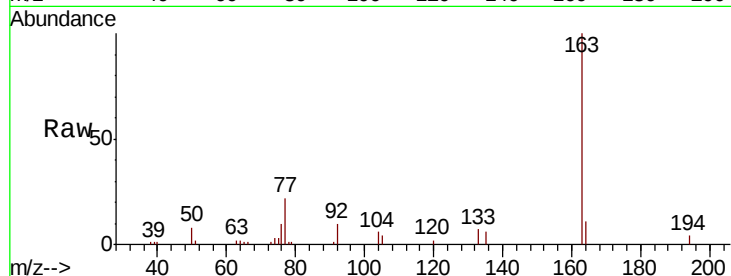




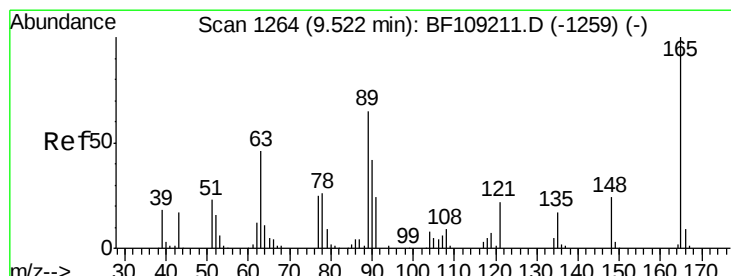
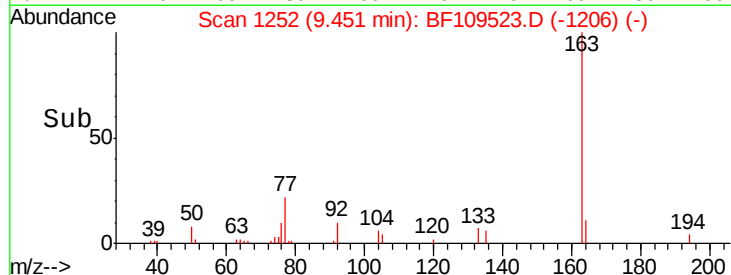
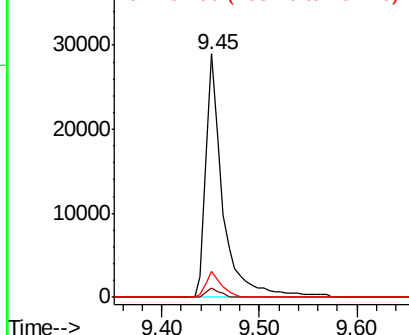
#49
Dimethylphthalate
Concen: 2.631 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109523.D
Acq: 3 Oct 2018 1:52

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ClientSampleId :
092818-JETT-F-D-M

Tgt Ion:163 Resp: 35440
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.7 8.2 12.2

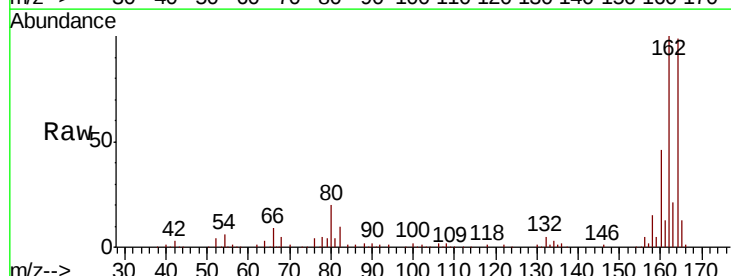


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

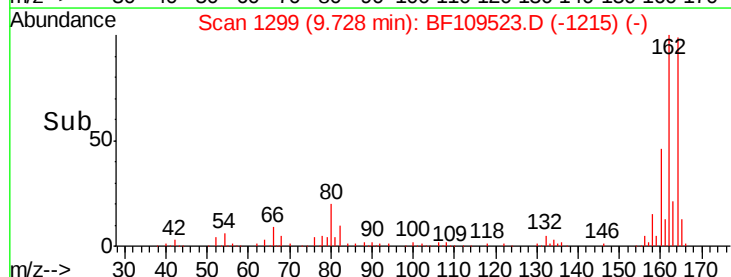
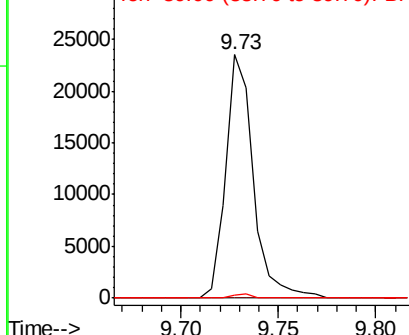


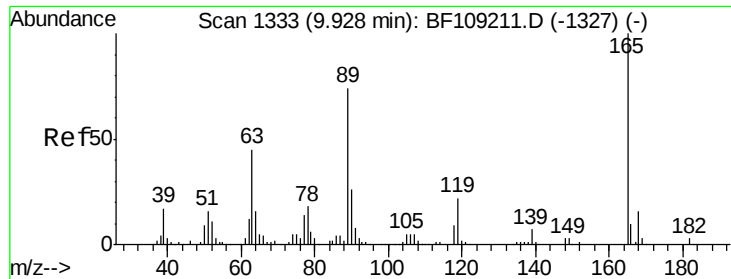
#50
2,6-Dinitrotoluene
Concen: 8.631 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109523.D
Acq: 3 Oct 2018 1:52

Tgt Ion:165 Resp: 23026
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 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

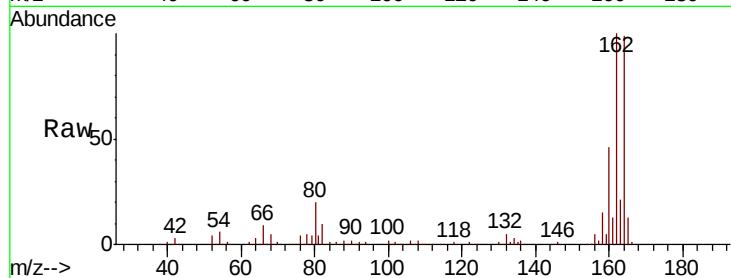




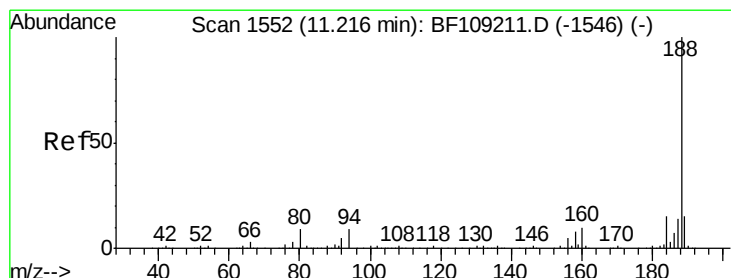
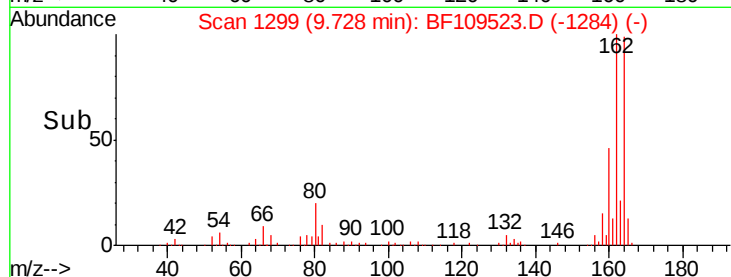
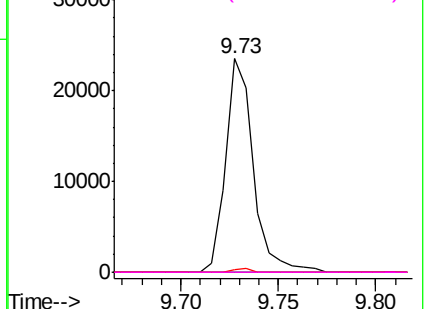
#56
 2,4-Dinitrotoluene
 Concen: 6.821 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

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 092818-JETT-F-D-M

Tgt Ion:	165	Resp:	23026
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

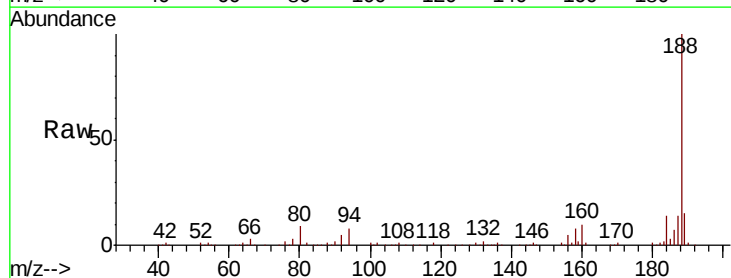


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

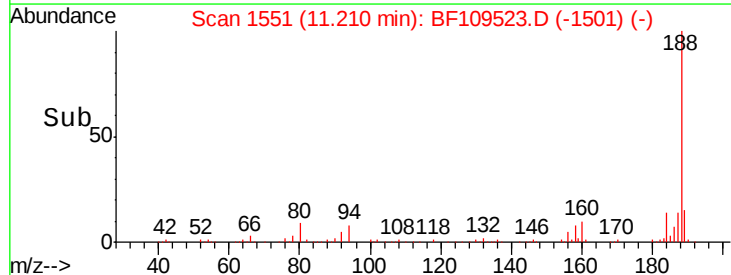
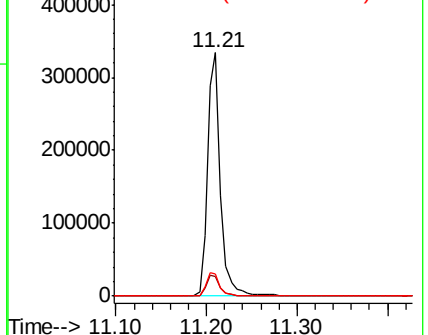


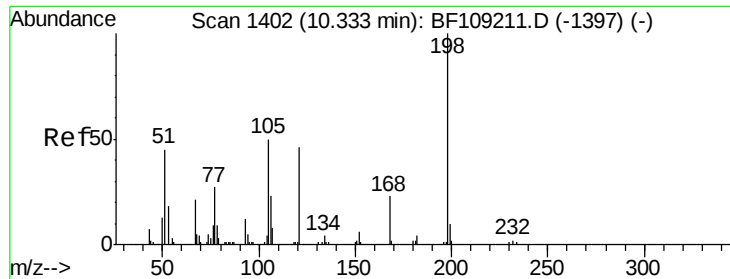
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Tgt Ion:	188	Resp:	334456
Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	9.1	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

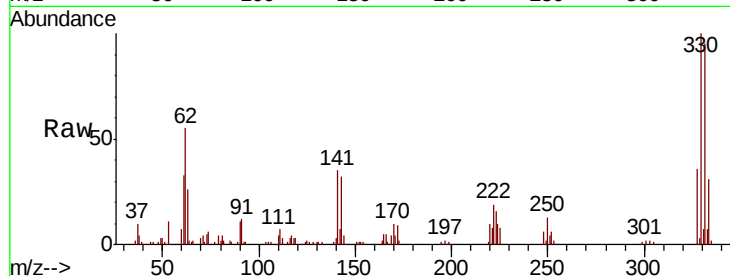




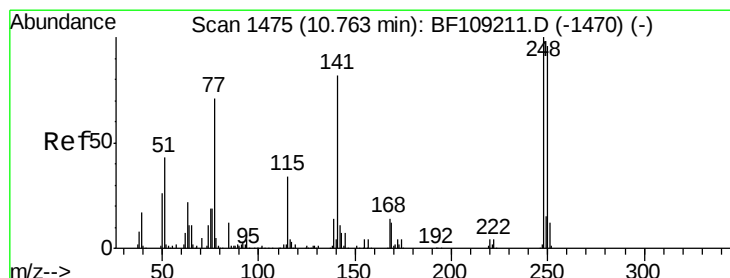
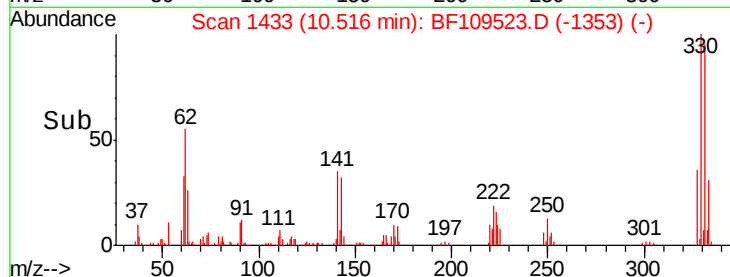
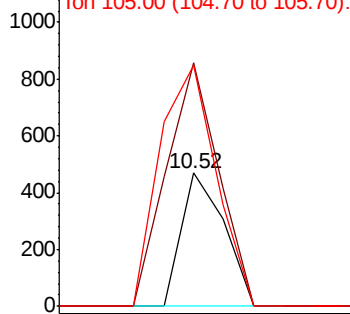
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.697 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.17 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-M

Tgt Ion:198 Resp: 274
 Ion Ratio Lower Upper
 198 100
 51 182.7 37.7 77.7#
 105 180.8 36.3 76.3#

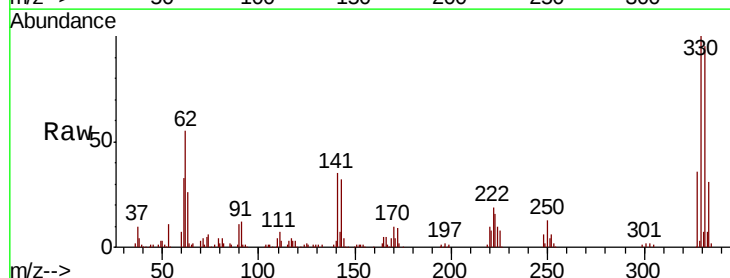


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

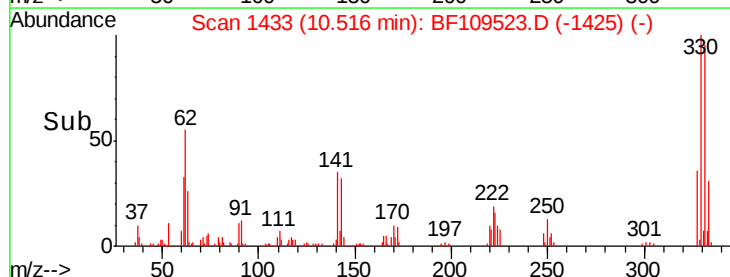
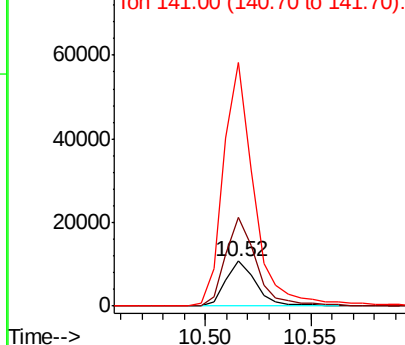


#66
 4-Bromophenyl-phenylether
 Concen: 2.896 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.25 min
 Lab File: BF109523.D
 Acq: 3 Oct 2018 1:52

Tgt Ion:248 Resp: 10755
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 542.1 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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-M

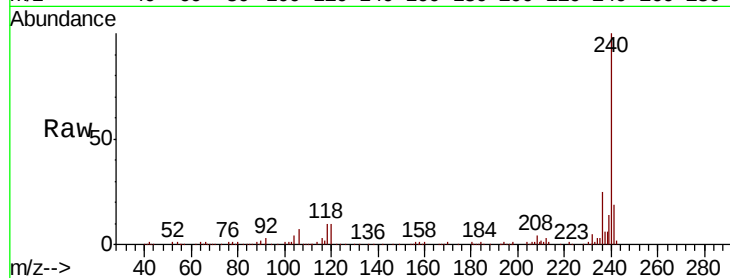
Tgt Ion:240 Resp: 251225

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

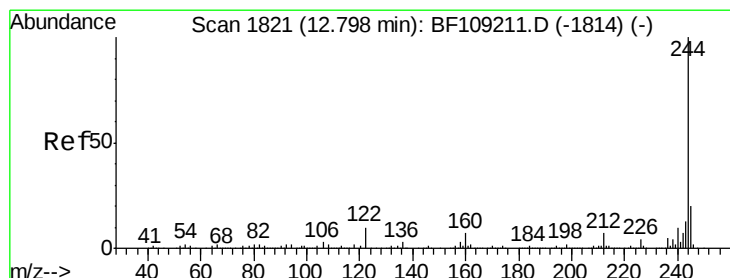
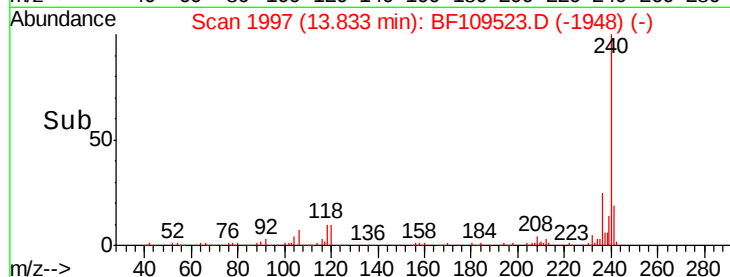
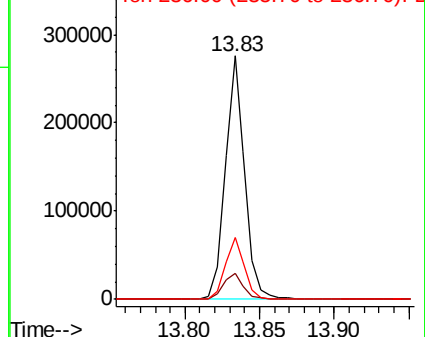
236 25.3 20.7 31.1



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: 102.007 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109523.D

Acq: 3 Oct 2018 1:52

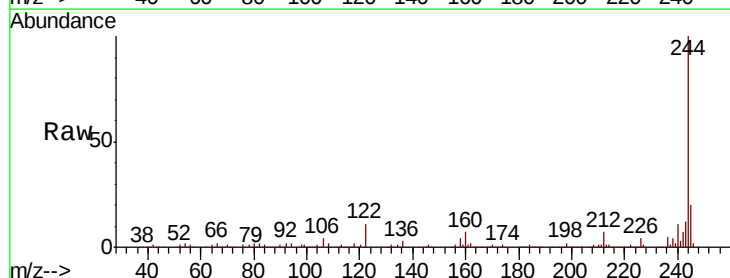
Tgt Ion:244 Resp: 1044210

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

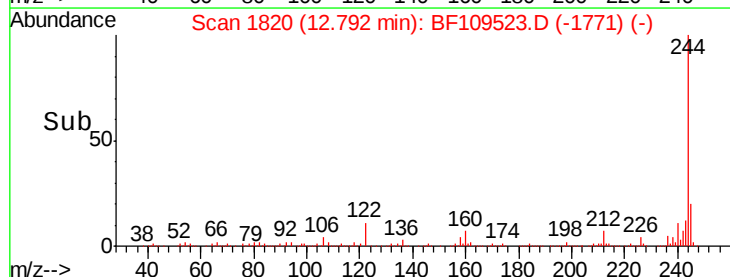
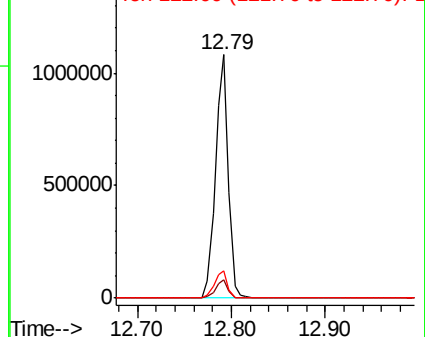
122 11.2 11.0 16.4

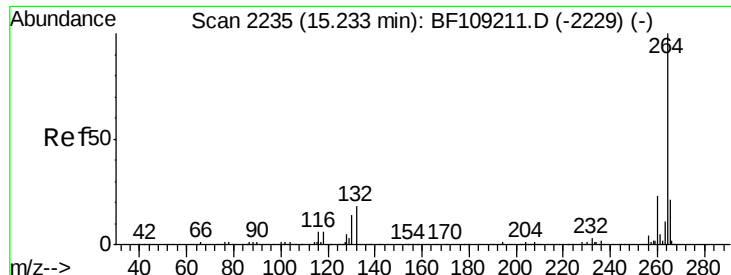


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109523.D
Acq: 3 Oct 2018 1:52

Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-M

Tgt Ion: 264 Resp: 258381
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.5 26.3

