

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109314.D
 Acq On : 26 Sep 2018 4:18
 Operator : JU/SJ
 Sample : J5052-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092018-JETT-F-U-B

Quant Time: Sep 26 08:26:40 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	111260	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	402400	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	168489	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	273278	20.00	ng	0.00
75) Chrysene-d12	13.84	240	247165	20.00	ng	0.00
86) Perylene-d12	15.24	264	178541	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	300334	44.46	ng	0.00
7) Phenol-d6	6.34	99	255494	29.64	ng	-0.02
23) Nitrobenzene-d5	7.27	82	736999	108.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	152253	91.67	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1183711	105.96	ng	0.00
78) Terphenyl-d14	12.80	244	1045926	103.85	ng	0.00

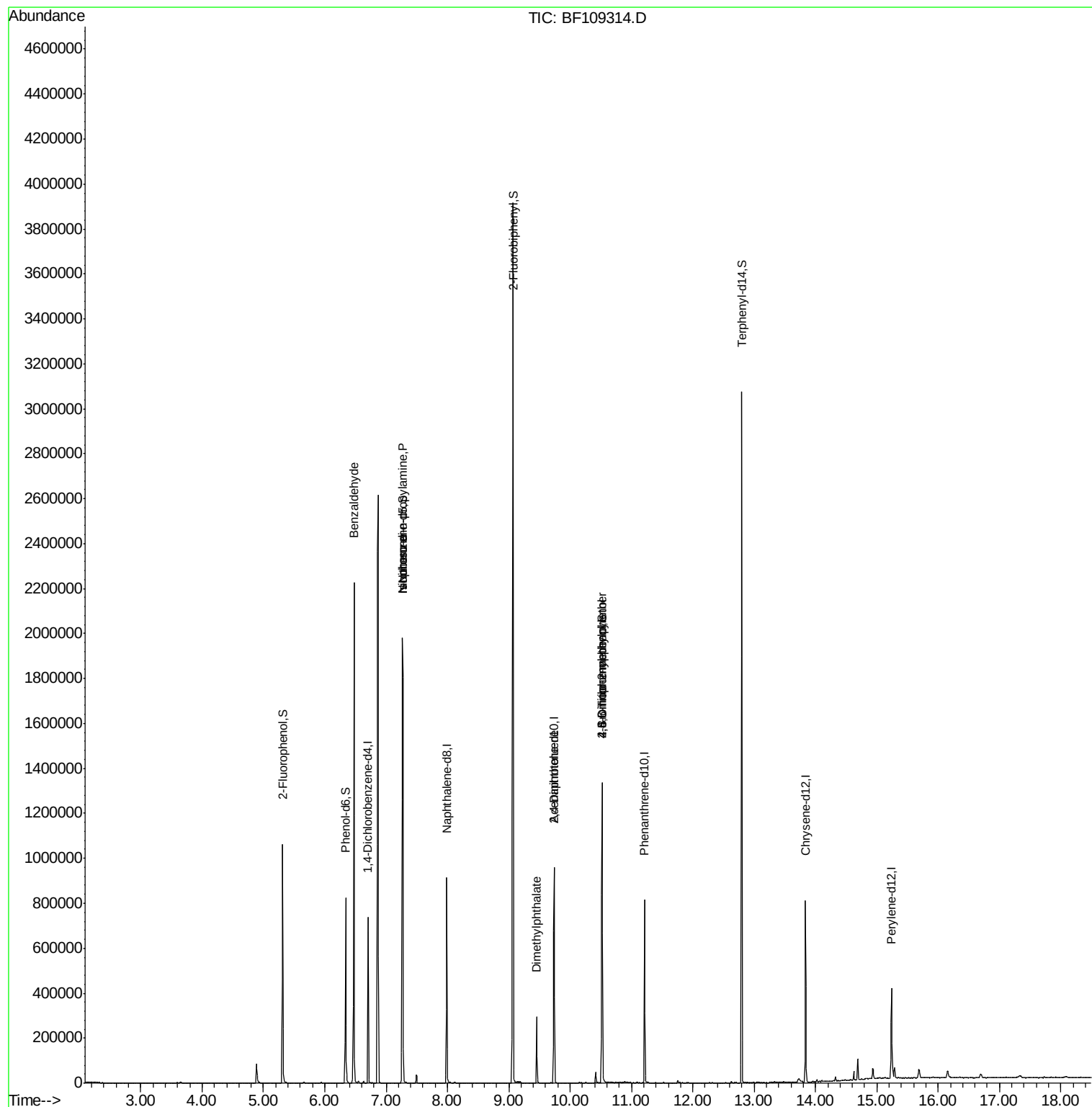
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12323	2.225	ng	# 74
19) n-Nitroso-di-n-propylamine	7.27	70	99282	17.578	ng	# 80
25) Isophorone	7.27	82	714987	58.247	ng	# 64
49) Dimethylphthalate	9.46	163	107325	8.758	ng	# 99
56) 2,4-Dinitrotoluene	9.74	165	21143	6.885	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	222	6.695	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9212	3.036	ng	# 1

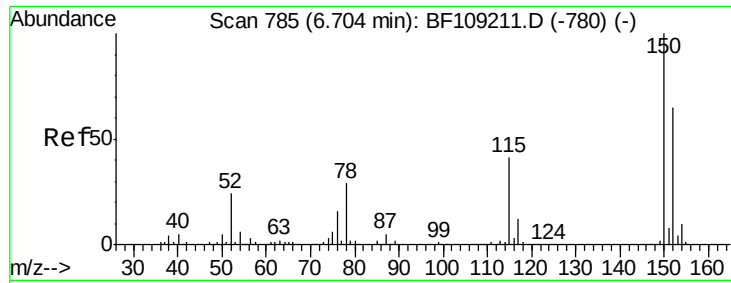
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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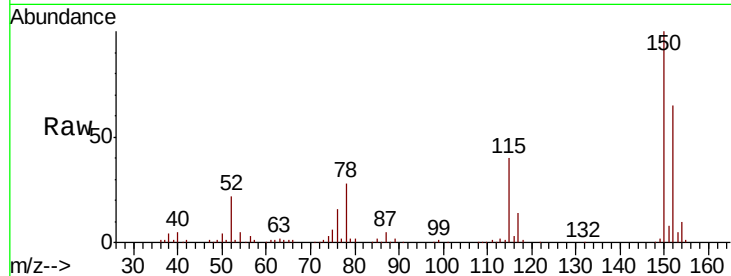




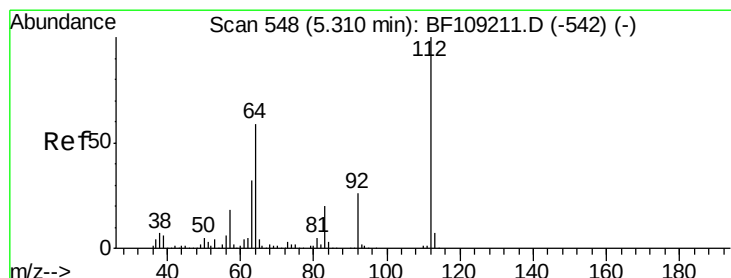
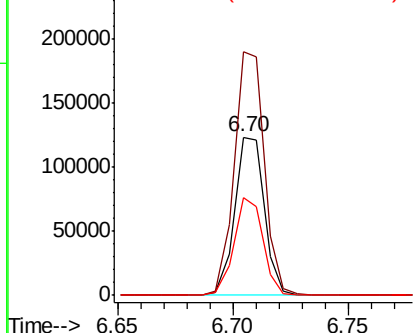
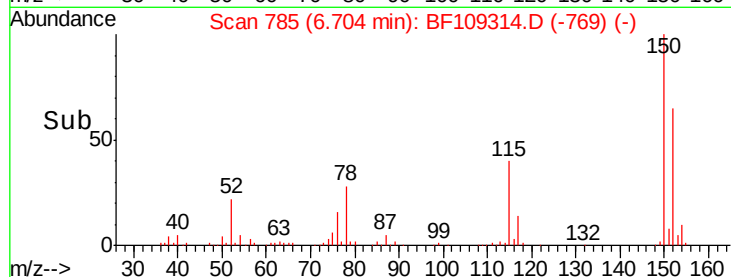
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109314.D
 Acq: 26 Sep 2018 4:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 111260
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 61.8 50.1 75.1

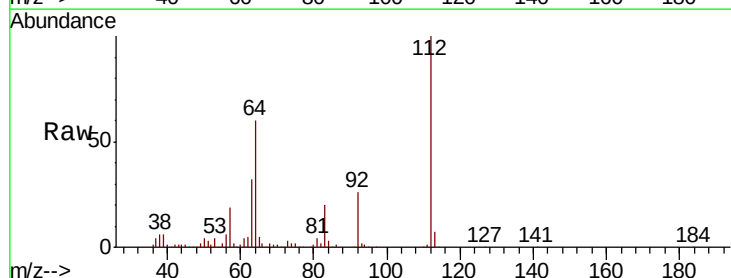


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

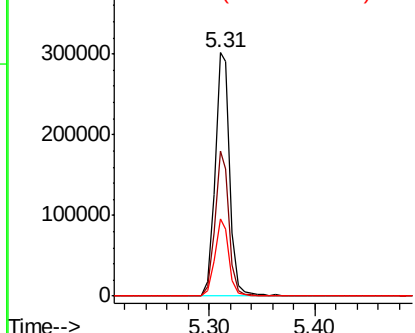
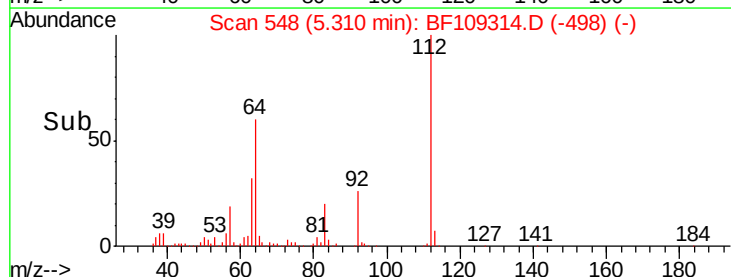


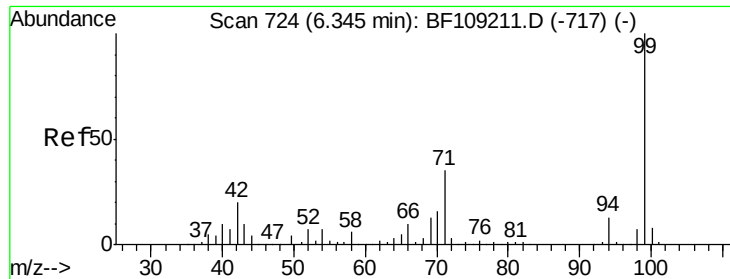
#5
 2-Fluorophenol
 Concen: 44.461 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109314.D
 Acq: 26 Sep 2018 4:18

Tgt Ion:112 Resp: 300334
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 31.7 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: 29.641 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109314.D

Acq: 26 Sep 2018 4:18

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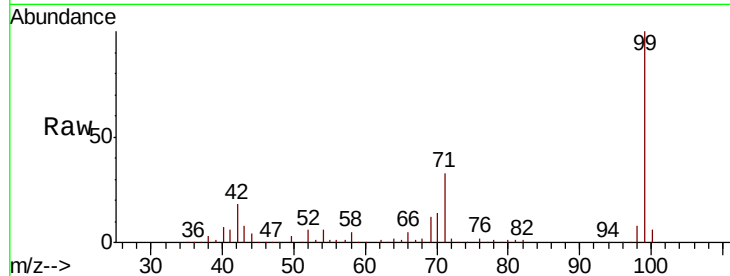
Tgt Ion: 99 Resp: 255494

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

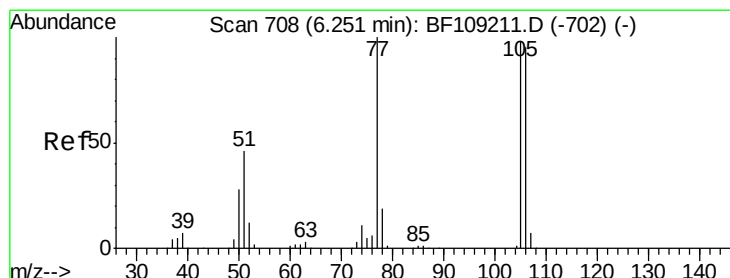
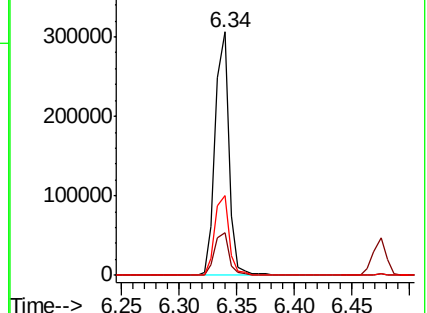
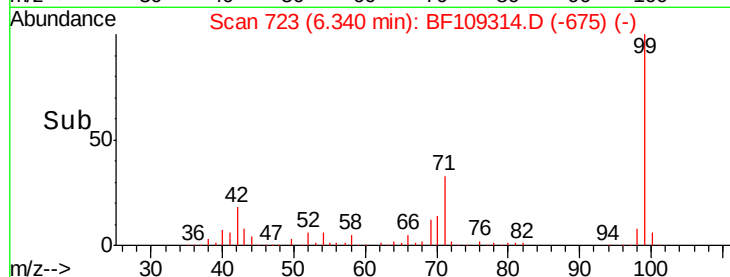
71 32.6 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.225 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

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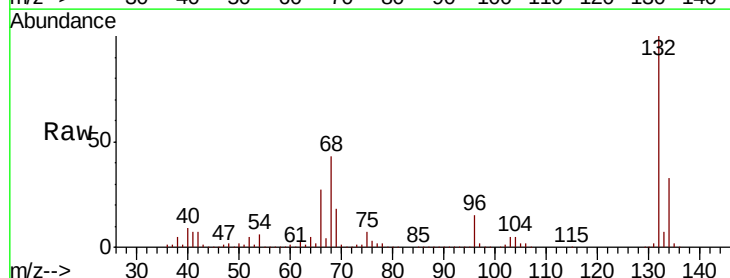
Tgt Ion: 77 Resp: 12323

Ion Ratio Lower Upper

77 100

105 77.0 81.1 121.1#

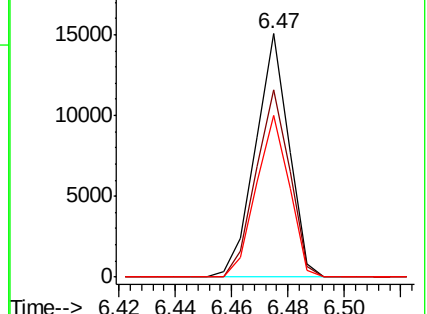
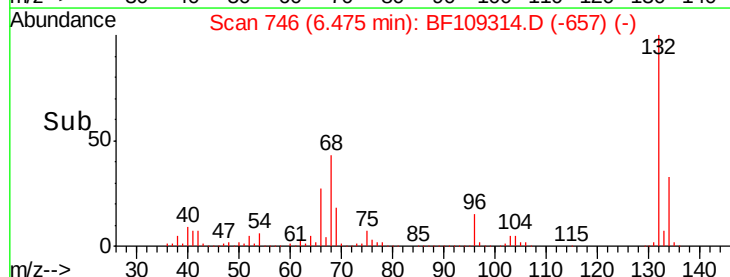
106 66.6 74.5 114.5#

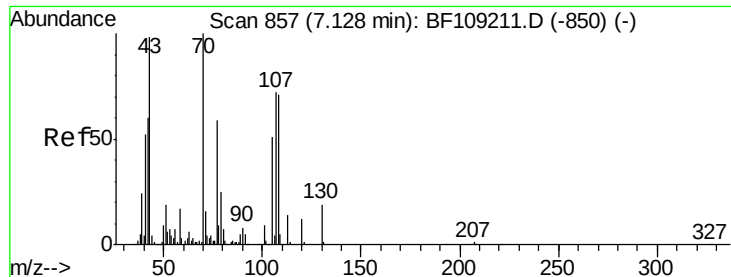


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

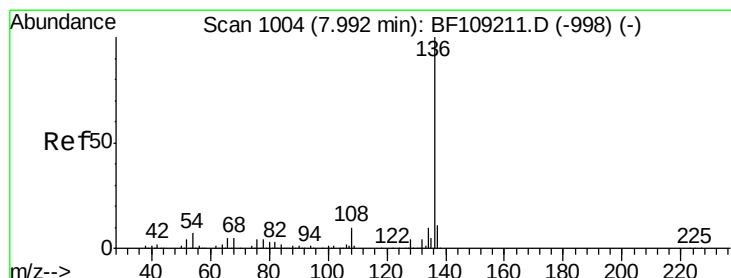
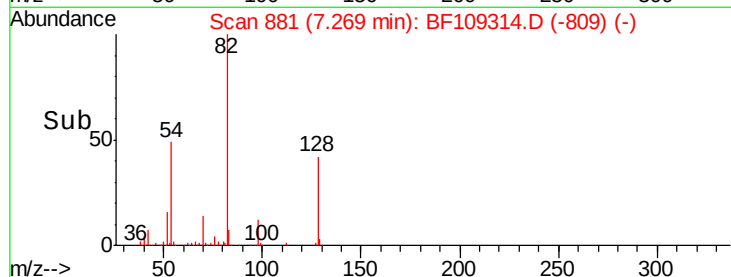
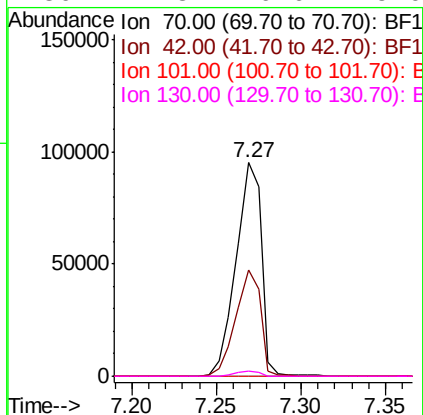
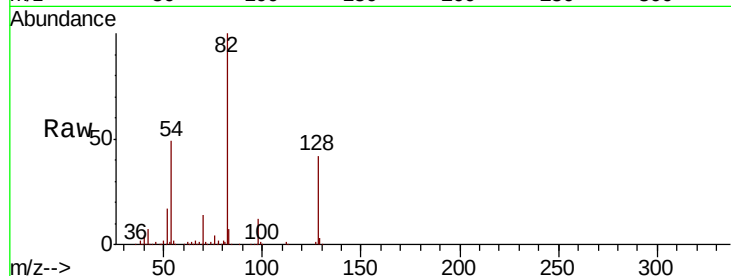




#19
n-Nitroso-di-n-propylamine
Concen: 17.578 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109314.D
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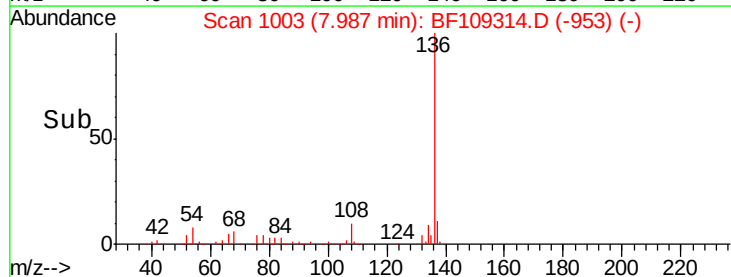
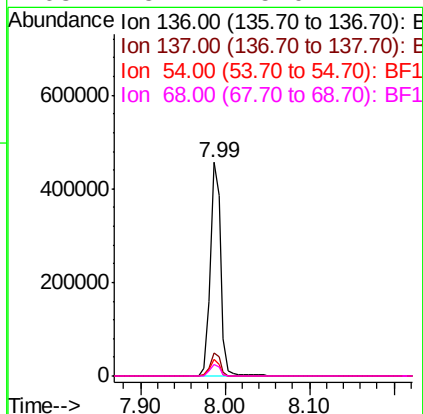
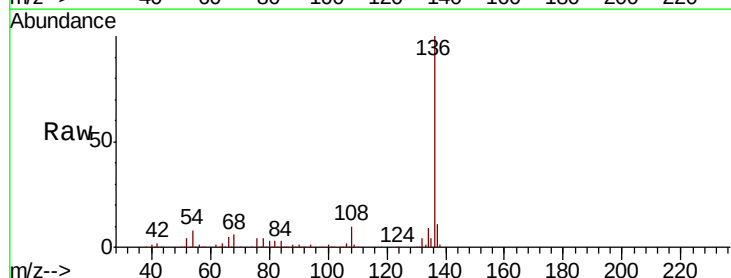
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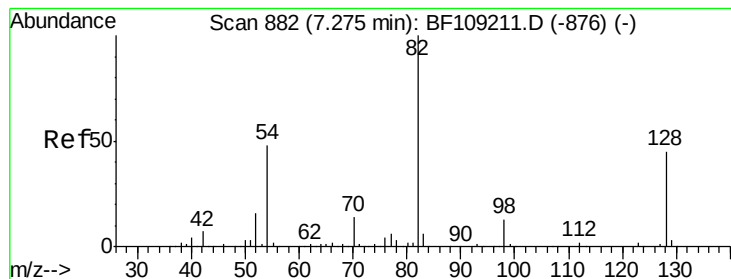
Tgt Ion:	70	Resp:	99282
Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109314.D
Acq: 26 Sep 2018 4:18

Tgt Ion:	136	Resp:	402400
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	5.7	5.0	7.4





#23

Nitrobenzene-d5

Concen: 108.117 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109314.D

Acq: 26 Sep 2018 4:18

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-U-B

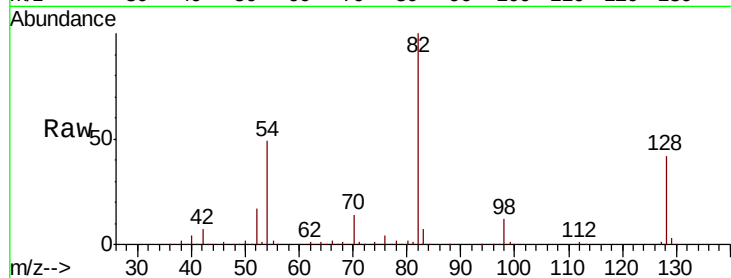
Tgt Ion: 82 Resp: 736999

Ion Ratio Lower Upper

82 100

128 41.7 36.1 54.1

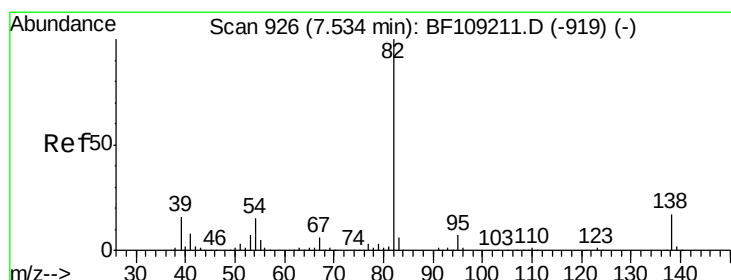
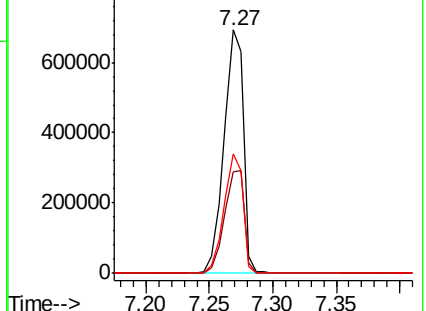
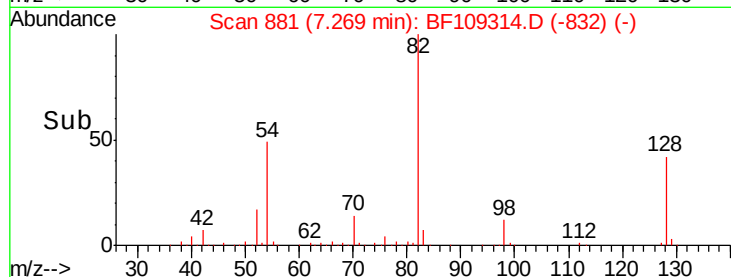
54 49.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 58.247 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109314.D

Acq: 26 Sep 2018 4:18

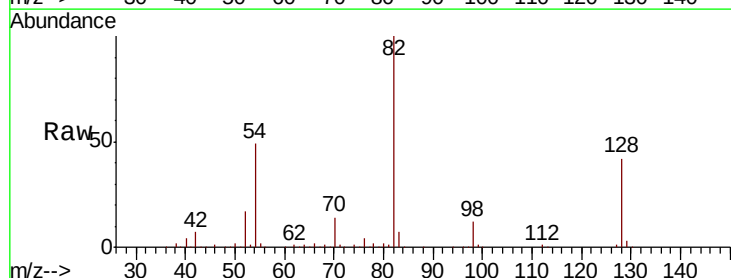
Tgt Ion: 82 Resp: 714987

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

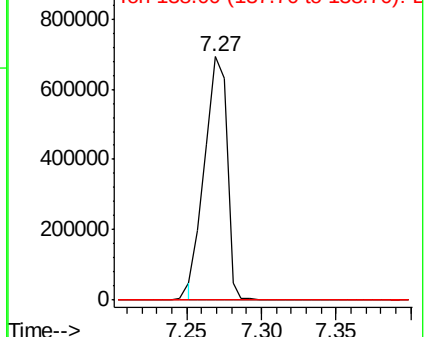
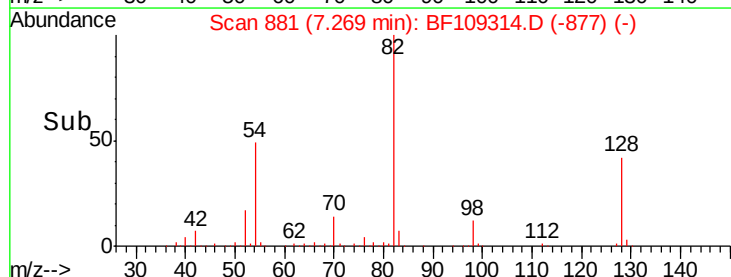
138 0.0 14.9 22.3#

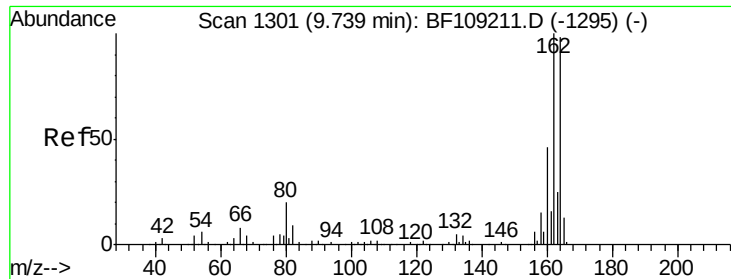


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

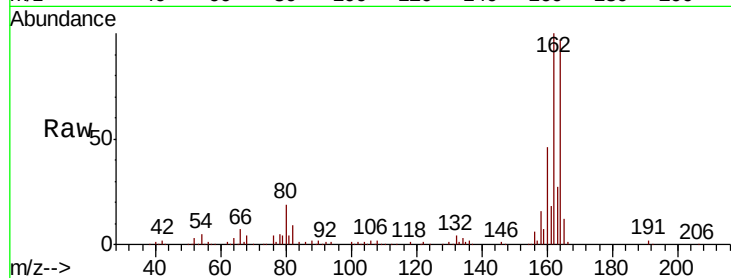




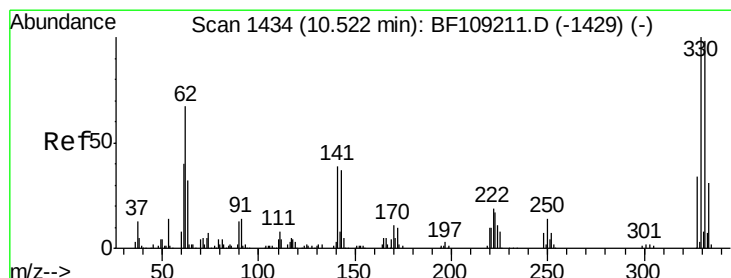
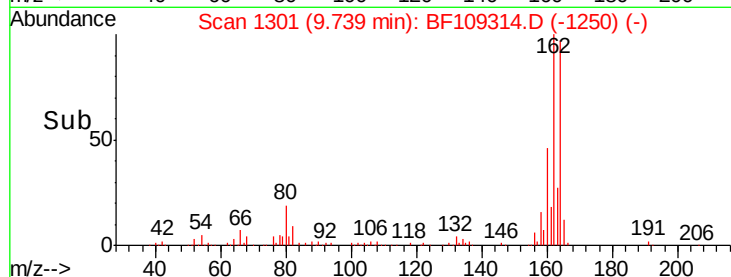
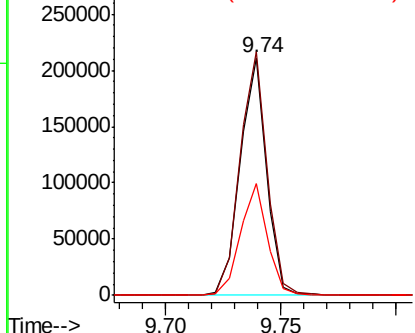
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
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Tgt Ion:164 Resp: 168489
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 47.3 38.3 57.5

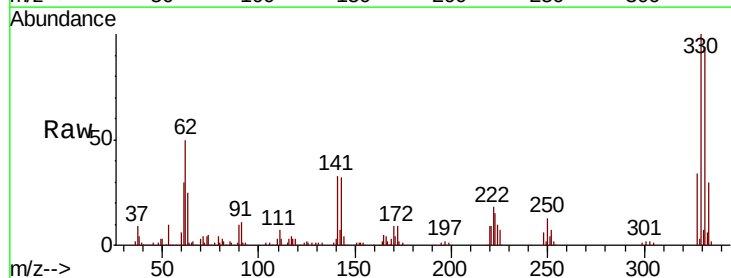


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

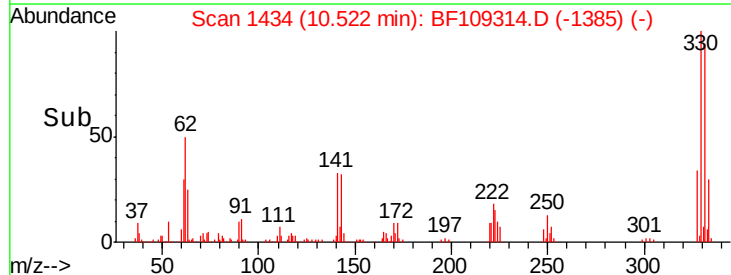
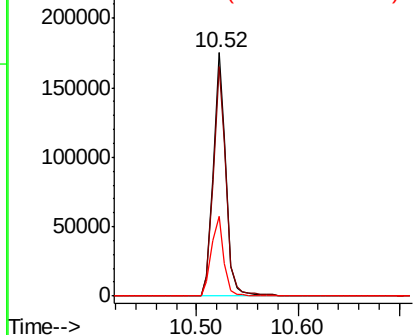


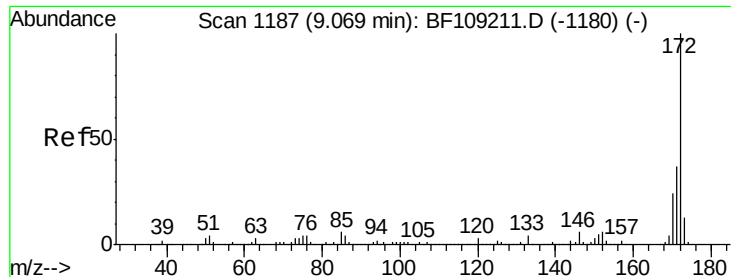
#41
 2,4,6-Tribromophenol
 Concen: 91.666 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109314.D
 Acq: 26 Sep 2018 4:18

Tgt Ion:330 Resp: 152253
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.8 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

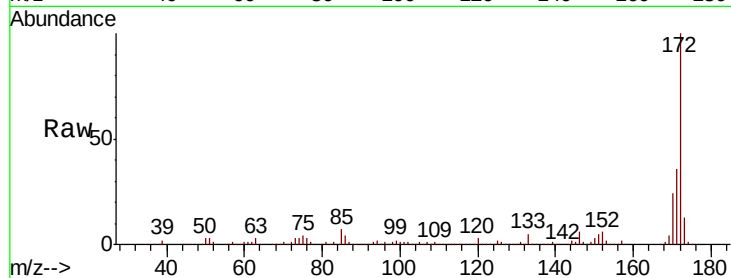




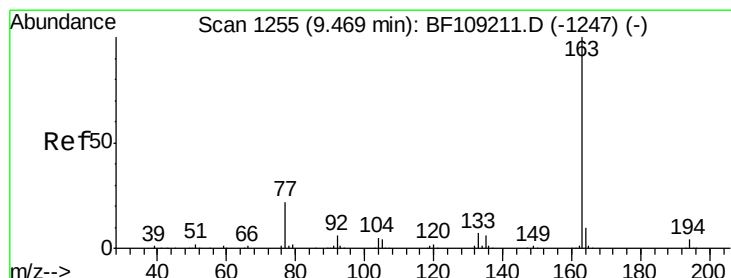
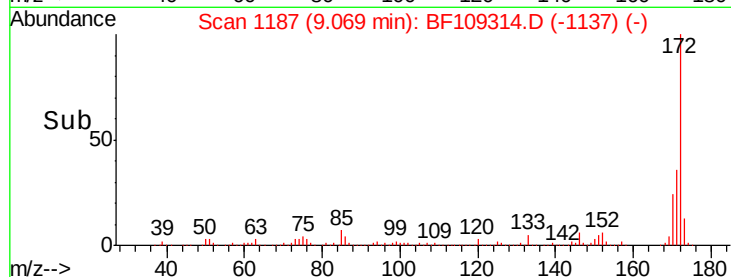
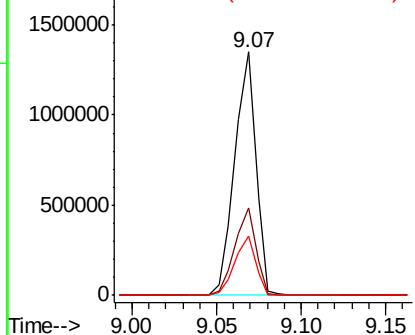
#44
2-Fluorobiphenyl
Concen: 105.957 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109314.D
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Tgt Ion:172 Resp: 1183711
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.3 19.6 29.4

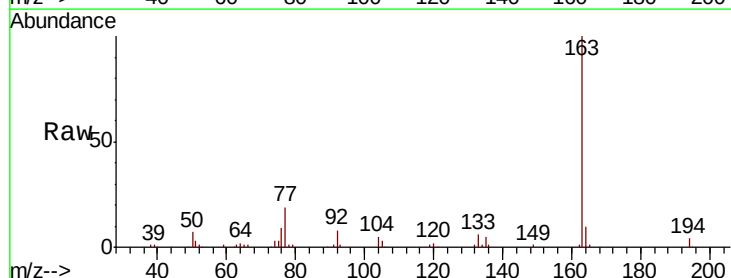


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

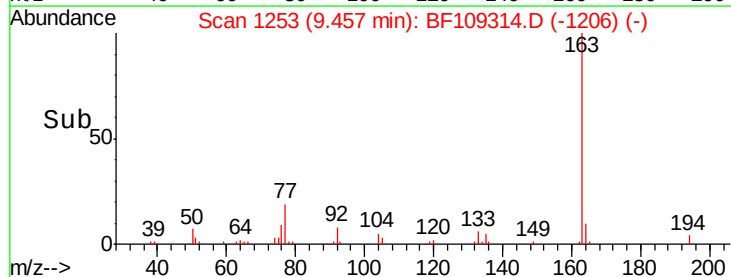
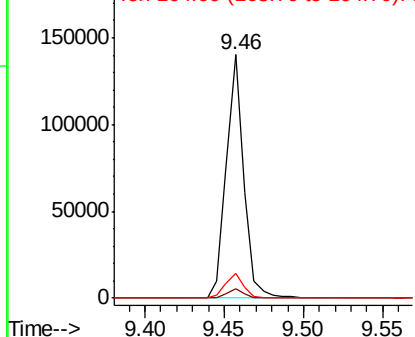


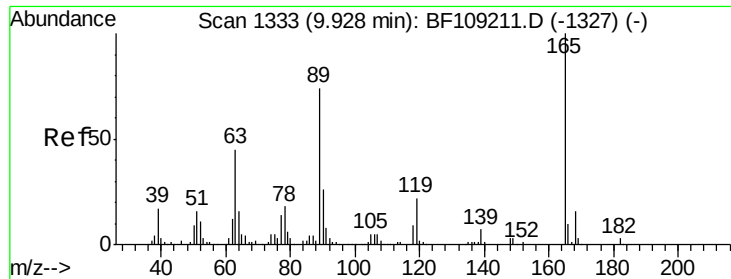
#49
Dimethylphthalate
Concen: 8.758 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109314.D
Acq: 26 Sep 2018 4:18

Tgt Ion:163 Resp: 107325
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.9 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

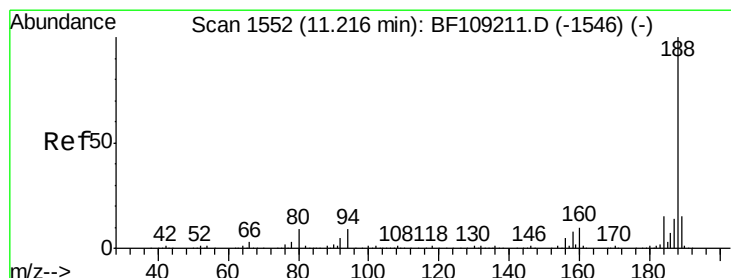
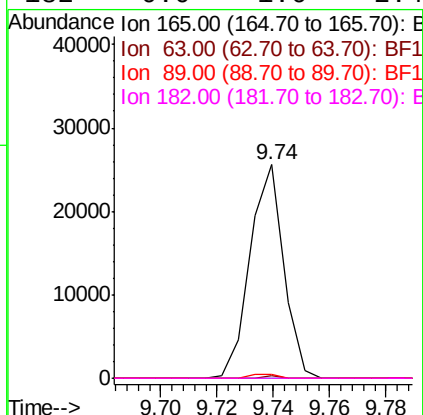
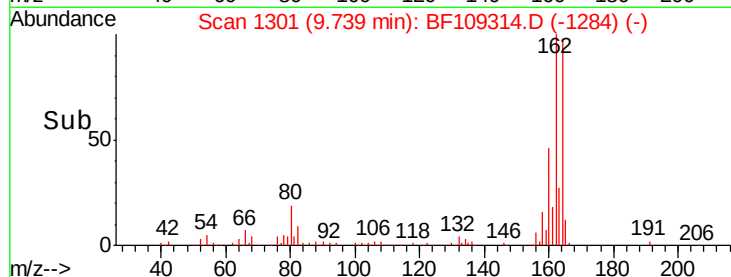
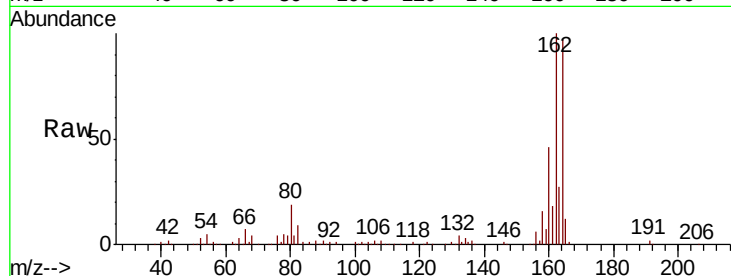




#56
 2,4-Dinitrotoluene
 Concen: 6.885 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109314.D
 Acq: 26 Sep 2018 4:18

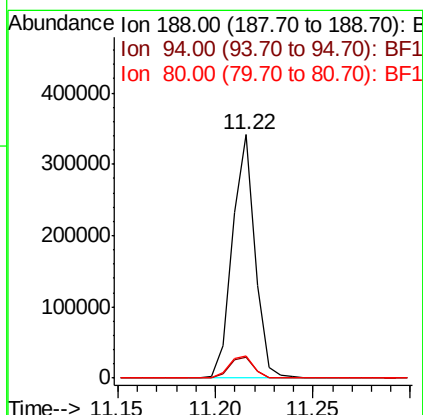
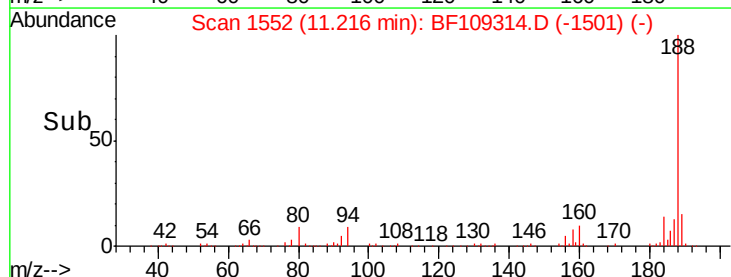
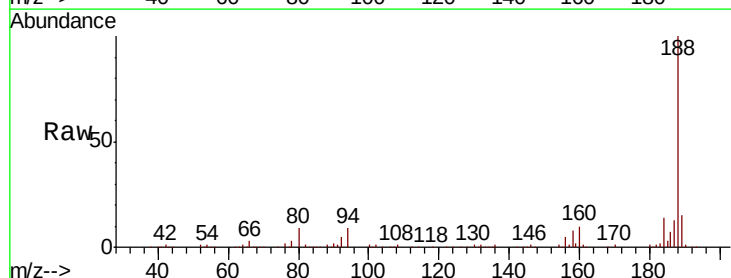
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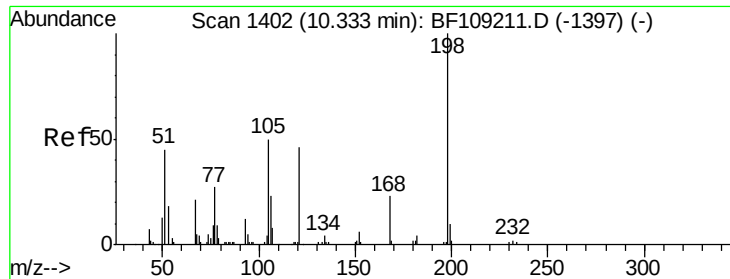
Tgt Ion:	165	Resp:	21143
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109314.D
 Acq: 26 Sep 2018 4:18

Tgt Ion:	188	Resp:	273278
Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.5	12.7
80	9.1	9.2	13.8#

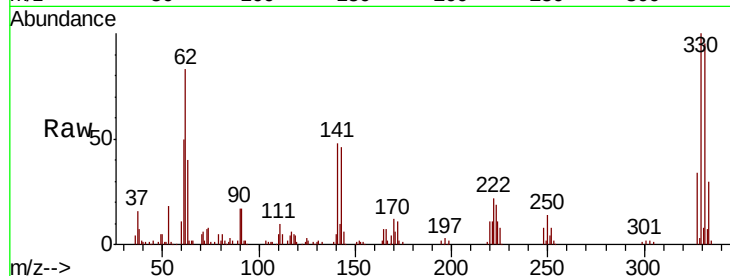




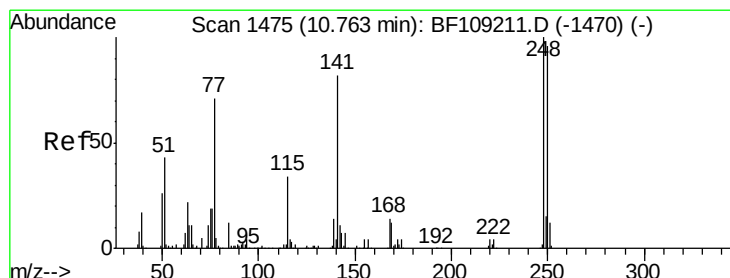
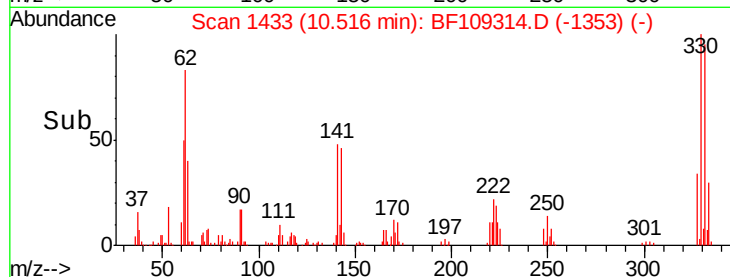
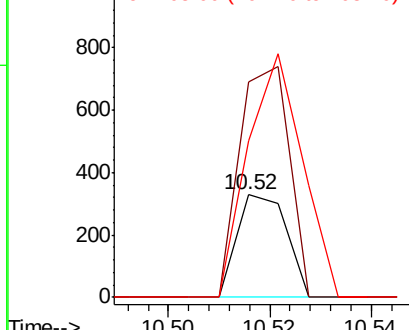
#64
4,6-Dinitro-2-methylphenol
Concen: 6.695 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109314.D
Acq: 26 Sep 2018 4:18

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-U-B

Tgt Ion:198 Resp: 222
Ion Ratio Lower Upper
198 100
51 209.7 37.7 77.7#
105 153.2 36.3 76.3#

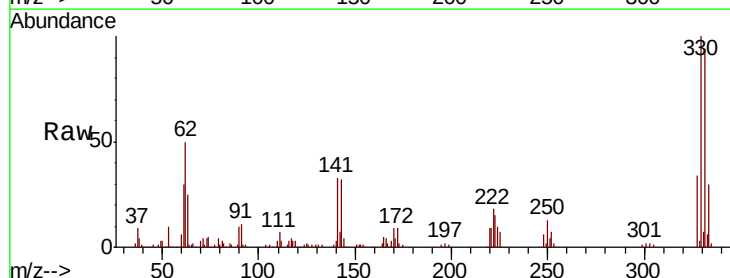


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

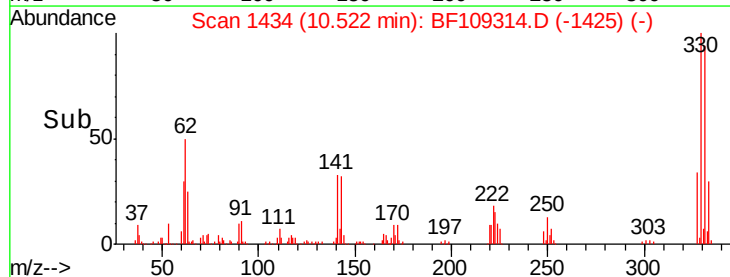
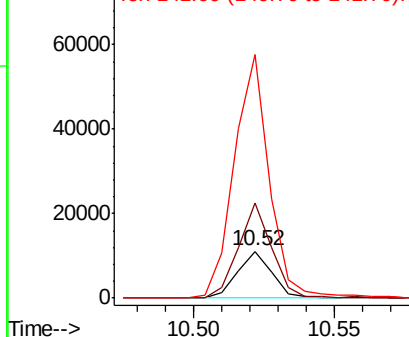


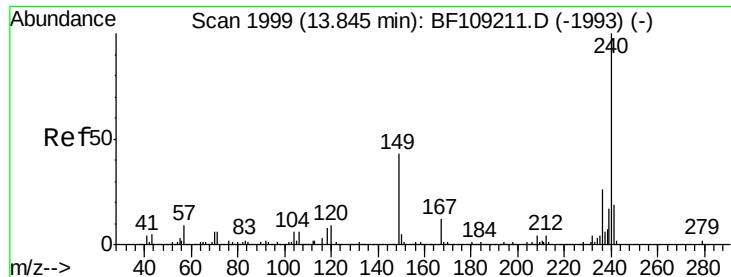
#66
4-Bromophenyl-phenylether
Concen: 3.036 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109314.D
Acq: 26 Sep 2018 4:18

Tgt Ion:248 Resp: 9212
Ion Ratio Lower Upper
248 100
250 203.5 76.9 115.3#
141 523.2 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: BF109314.D

Acq: 26 Sep 2018 4:18

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-U-B

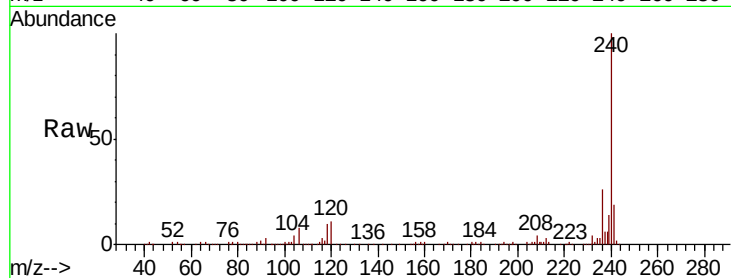
Tgt Ion:240 Resp: 247165

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

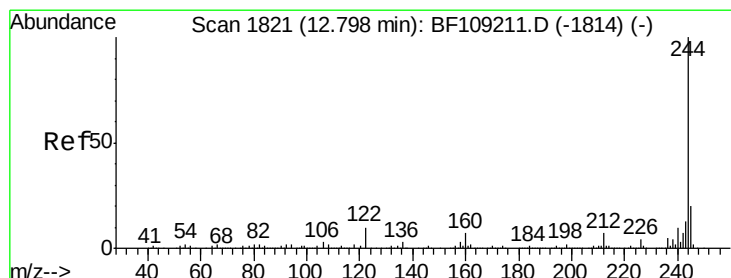
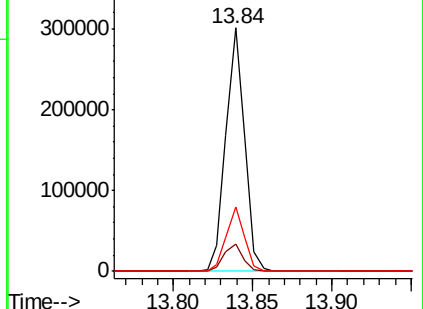
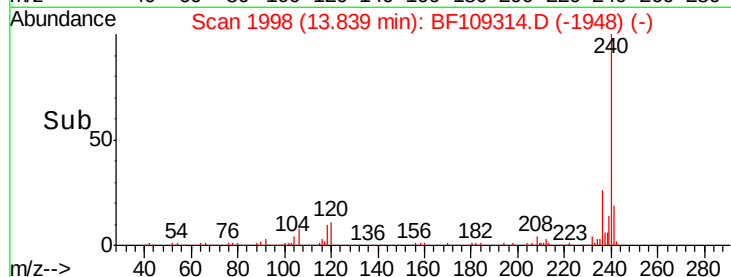
236 26.4 20.7 31.1



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: 103.853 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109314.D

Acq: 26 Sep 2018 4:18

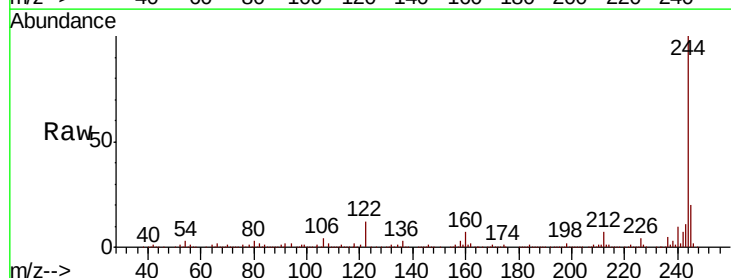
Tgt Ion:244 Resp: 1045926

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

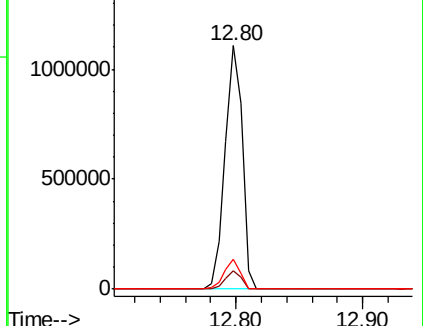
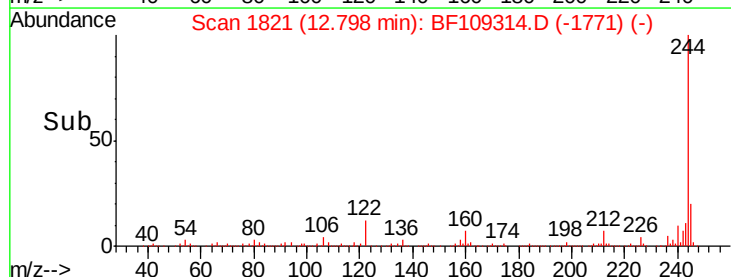
122 12.3 11.0 16.4

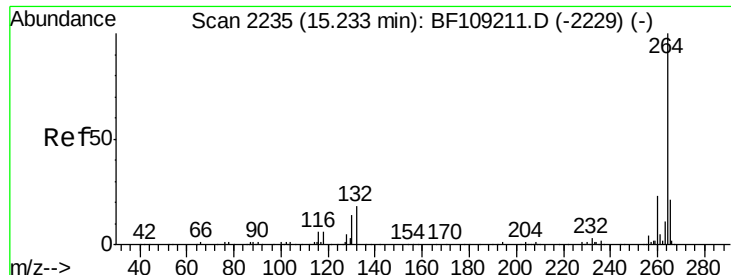


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2236
Delta R.T. 0.00 min
Lab File: BF109314.D
Acq: 26 Sep 2018 4:18

Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-U-B

Tgt Ion: 264 Resp: 178541
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 17.5 26.3

