

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109465.D
 Acq On : 29 Sep 2018 7:44
 Operator : JU/SJ
 Sample : J5133-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Oct 01 03:10:24 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	117491	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	439582	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	207240	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	382447	20.00	ng	0.00
75) Chrysene-d12	13.84	240	220330	20.00	ng	0.00
86) Perylene-d12	15.24	264	221214	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	317983	44.58	ng	0.00
7) Phenol-d6	6.34	99	268666	29.52	ng	-0.02
23) Nitrobenzene-d5	7.27	82	770363	103.45	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	194529	95.22	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1301770	94.74	ng	0.00
78) Terphenyl-d14	12.80	244	1168495	130.15	ng	0.00

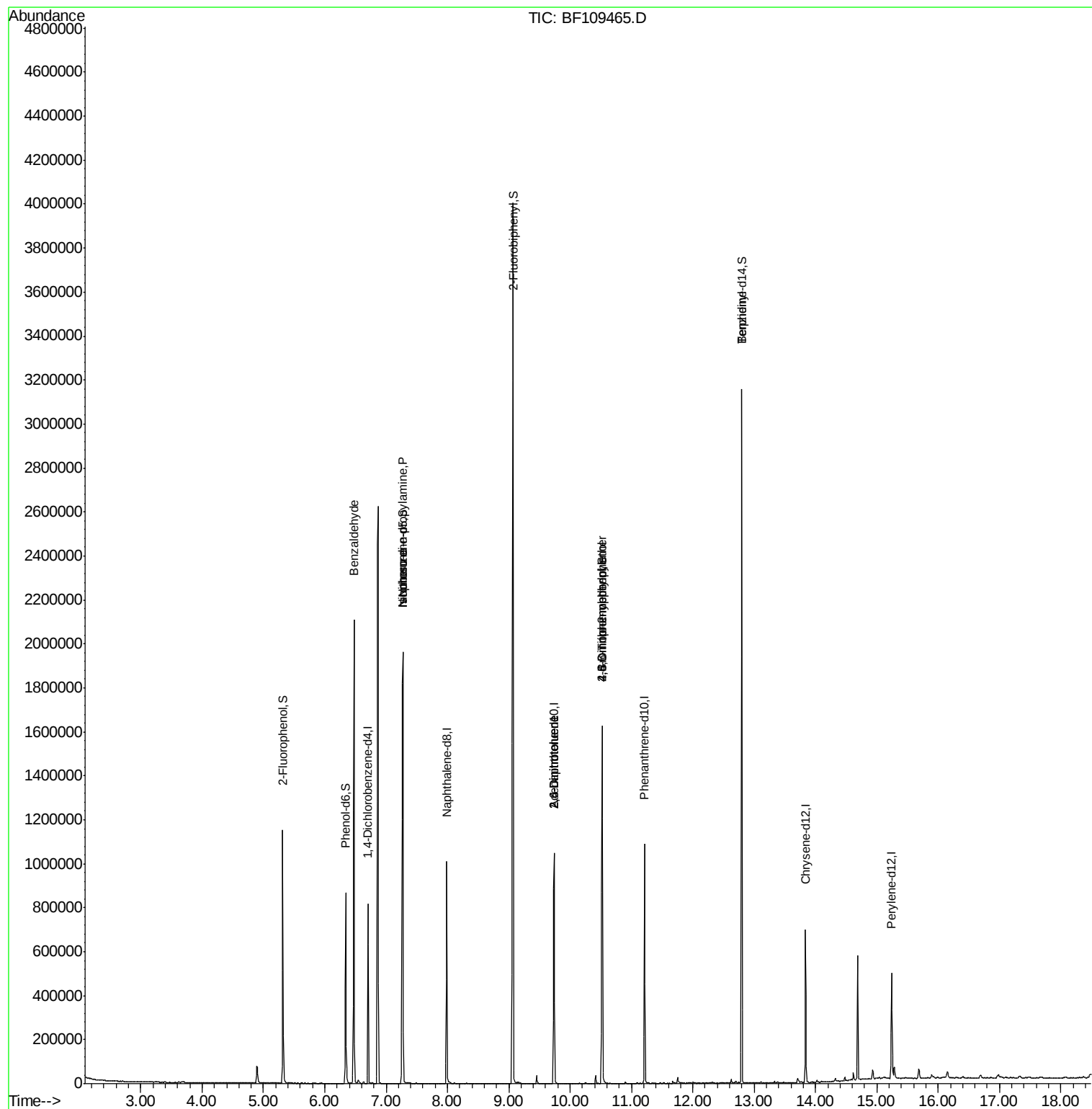
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	13483	2.306	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	104953	17.597	ng	# 75
25) Isophorone	7.27	82	729861	54.429	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	25609	8.578	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	25609	6.780	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	340	6.712	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12156	2.862	ng	# 1
76) Benzydine	12.80	184	15993	2.013	ng	# 97

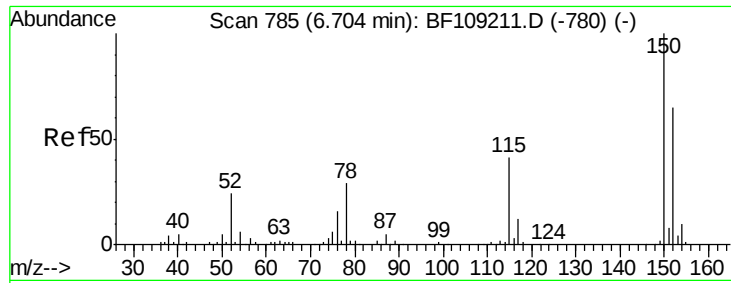
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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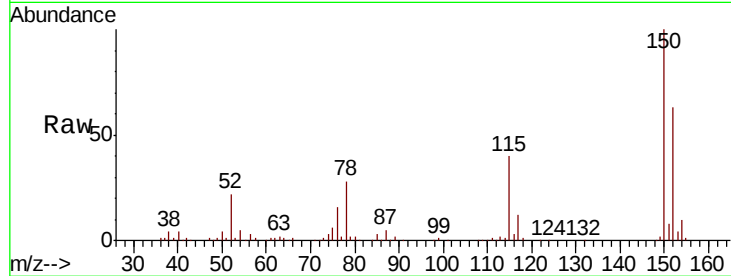


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109465.D
Acq: 29 Sep 2018 7:44

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	63.5	50.1	75.1

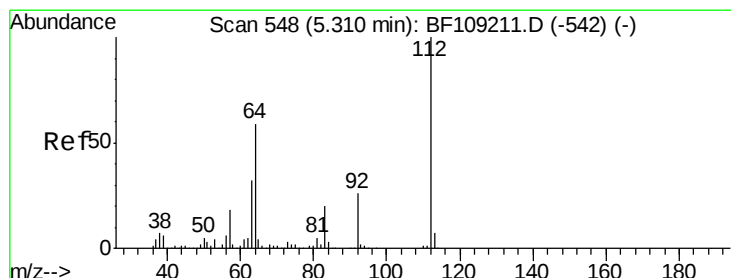
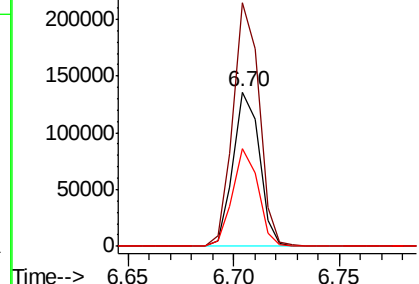
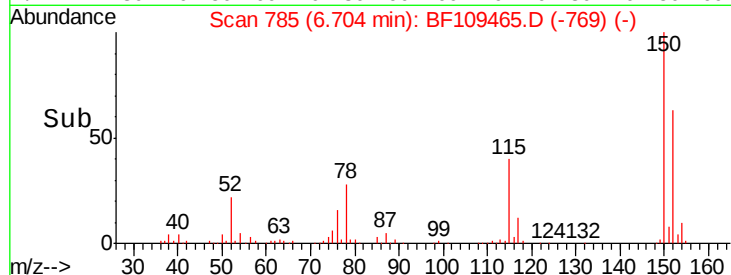


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

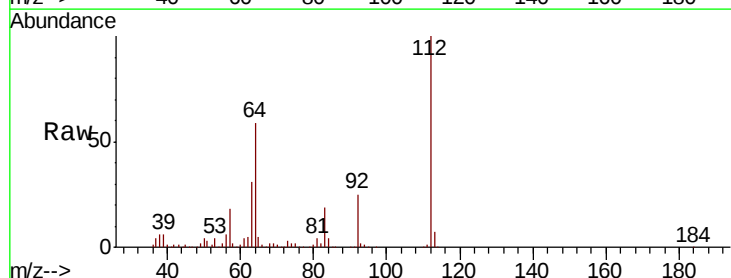
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.577 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109465.D
Acq: 29 Sep 2018 7:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.3	23.7	35.5

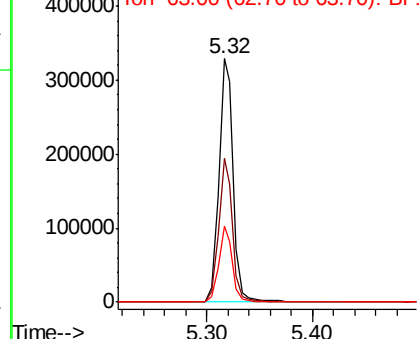
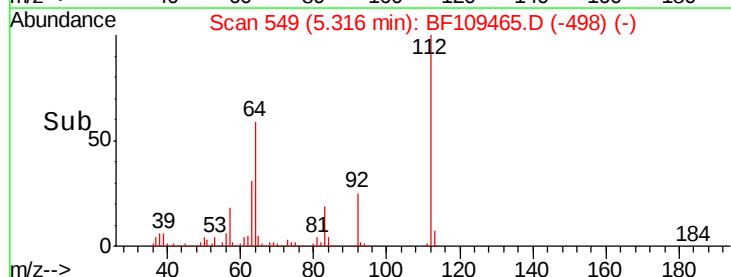


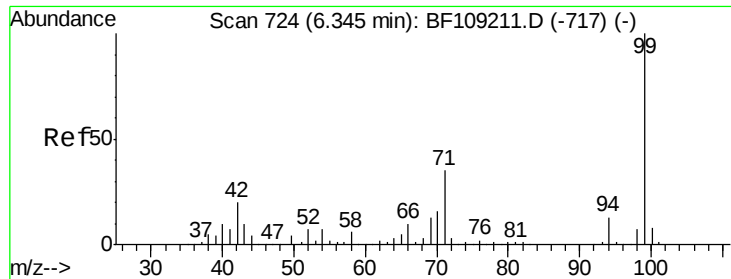
Abundance

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: 29.516 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109465.D

Acq: 29 Sep 2018 7:44

Instrument :

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ClientSampleId :

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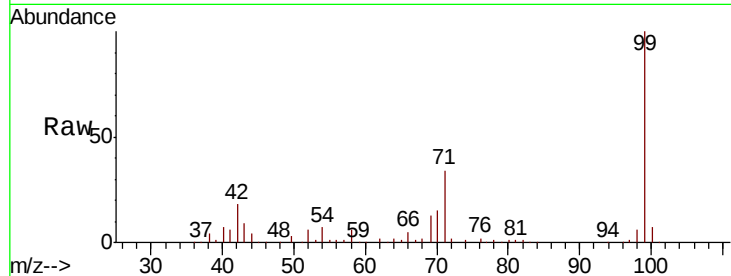
Tgt Ion: 99 Resp: 268666

Ion Ratio Lower Upper

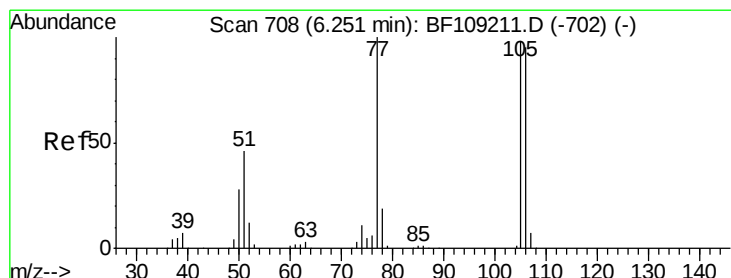
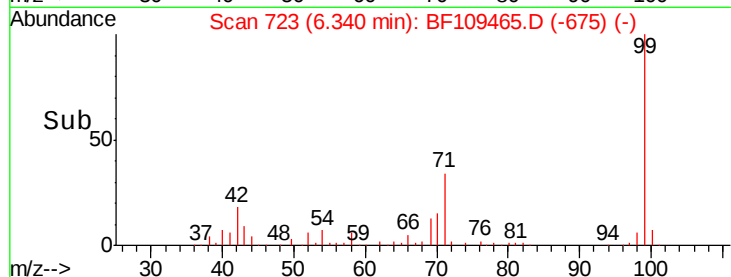
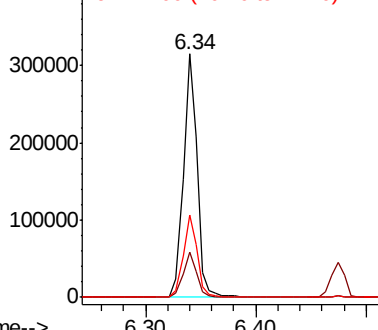
99 100

42 18.4 14.5 21.7

71 33.9 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: 2.306 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109465.D

Acq: 29 Sep 2018 7:44

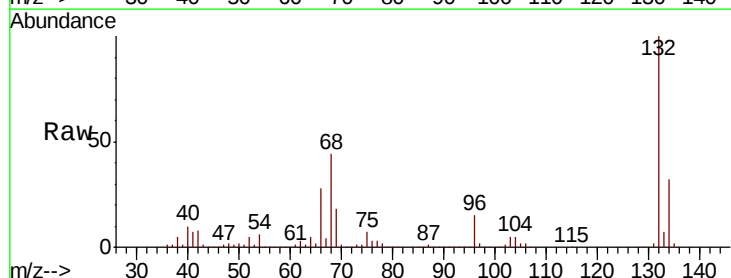
Tgt Ion: 77 Resp: 13483

Ion Ratio Lower Upper

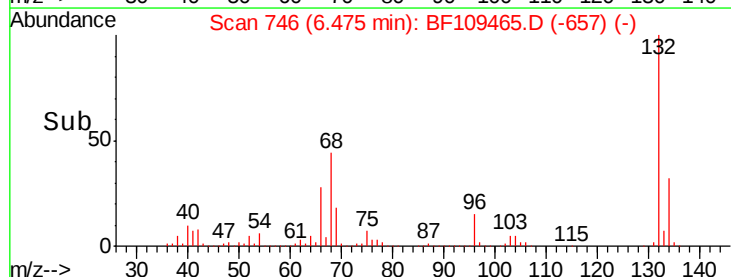
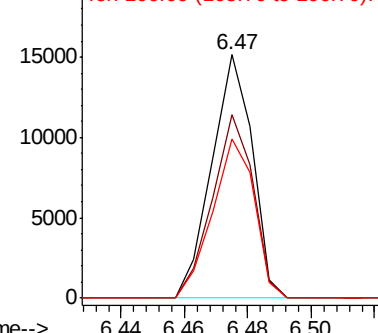
77 100

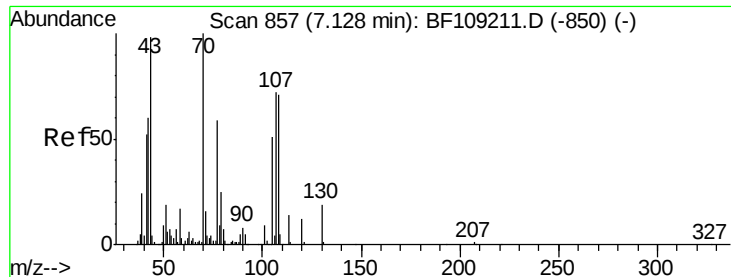
105 75.4 81.1 121.1#

106 65.5 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

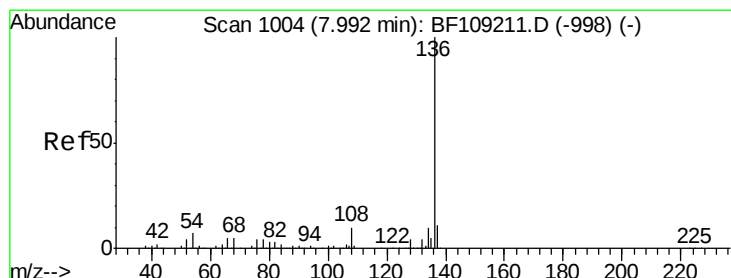
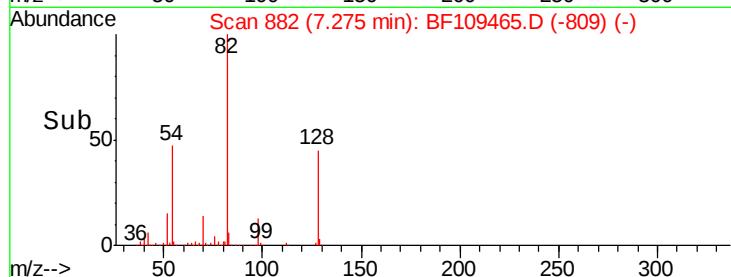
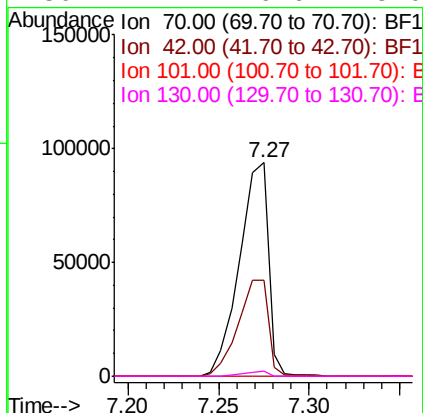
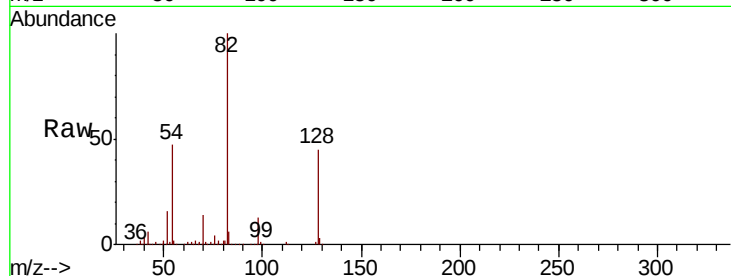




#19
n-Nitroso-di-n-propylamine
Concen: 17.597 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF109465.D
Acq: 29 Sep 2018 7:44

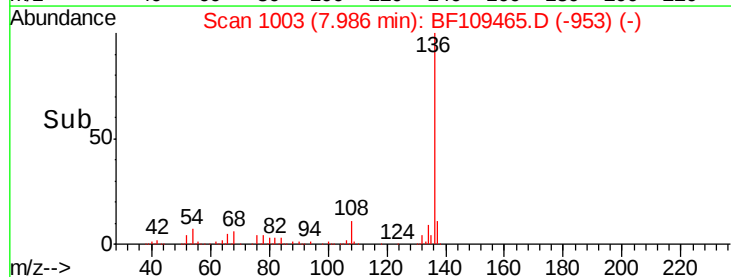
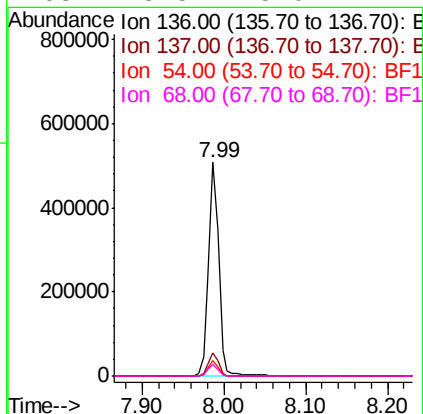
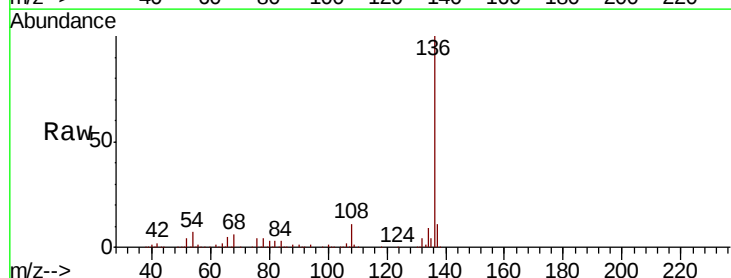
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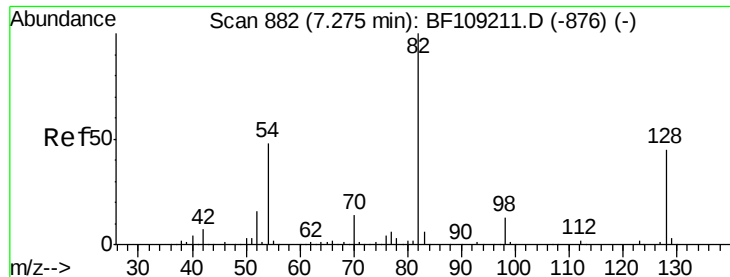
Tgt Ion: 70 Resp: 104953
Ion Ratio Lower Upper
70 100
42 45.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109465.D
Acq: 29 Sep 2018 7:44

Tgt Ion: 136 Resp: 439582
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.0 6.6 9.8
68 5.5 5.0 7.4

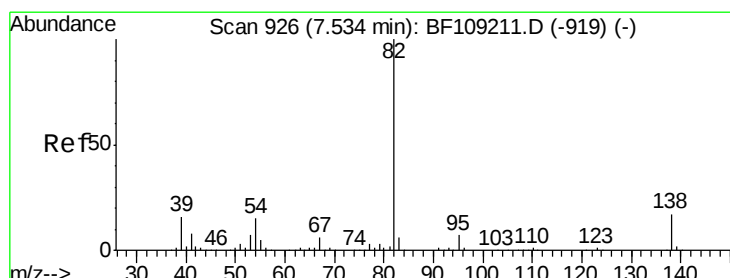
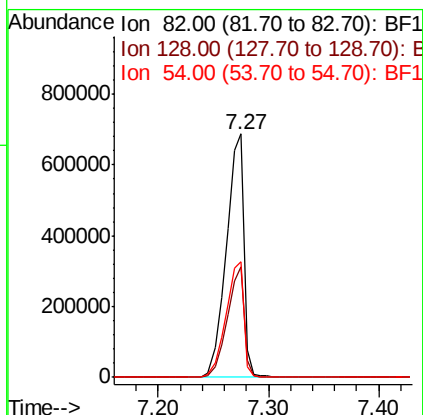
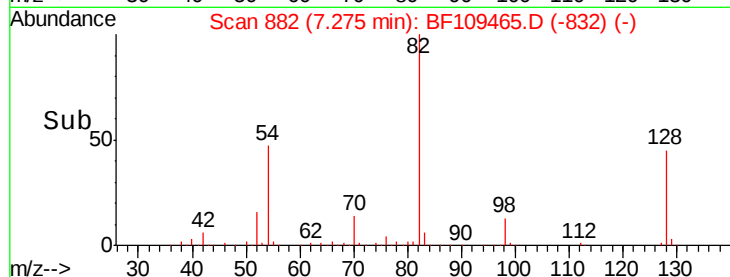
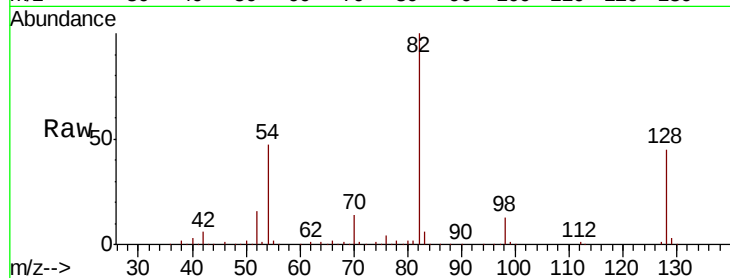




#23
 Nitrobenzene-d5
 Concen: 103.452 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

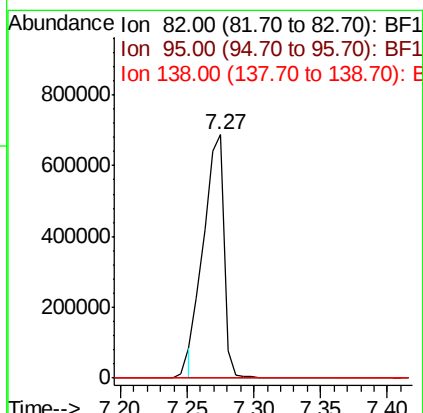
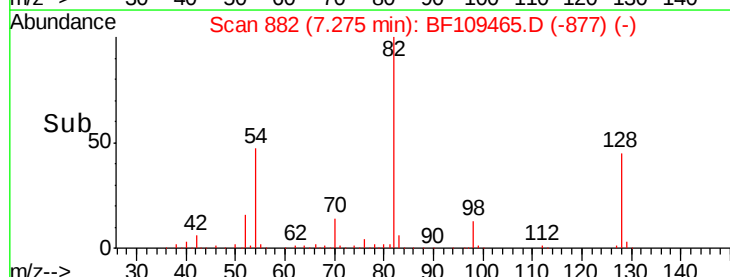
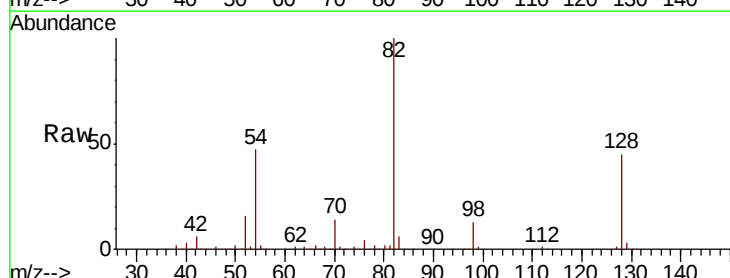
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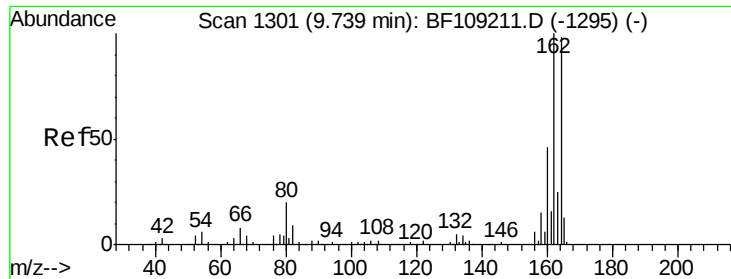
Tgt Ion: 82 Resp: 770363
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.1 54.1
 54 47.3 41.4 62.2



#25
 Isophorone
 Concen: 54.429 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

Tgt Ion: 82 Resp: 729861
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

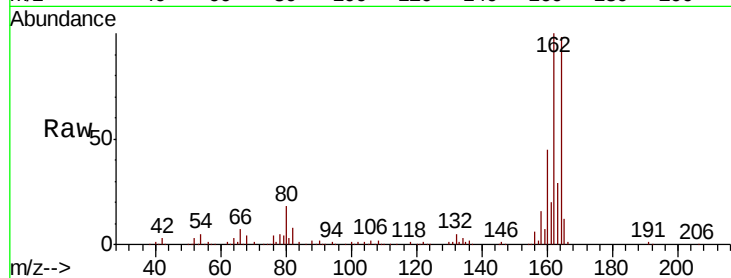




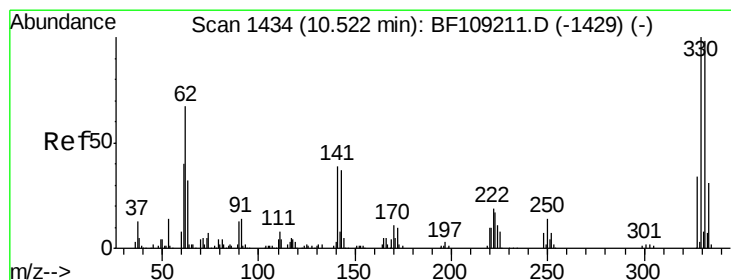
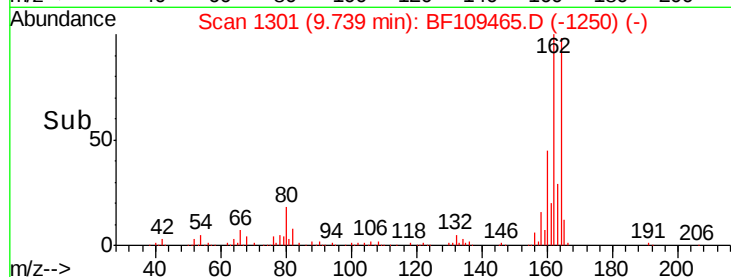
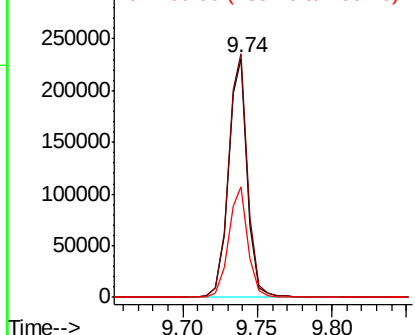
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

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

Tgt Ion:164 Resp: 207240
 Ion Ratio Lower Upper
 164 100
 162 101.9 86.1 129.1
 160 46.2 38.3 57.5

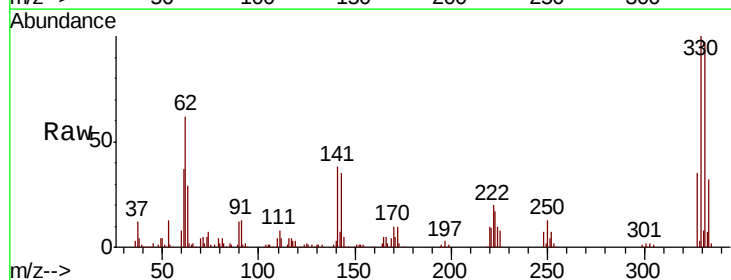


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

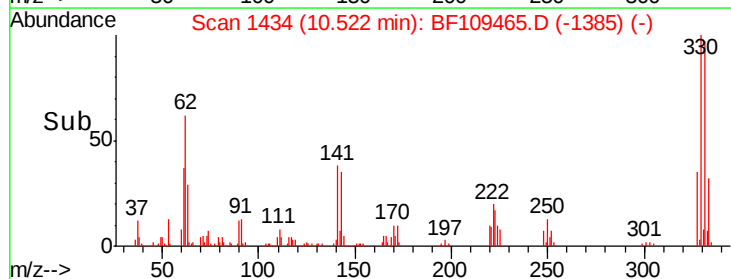
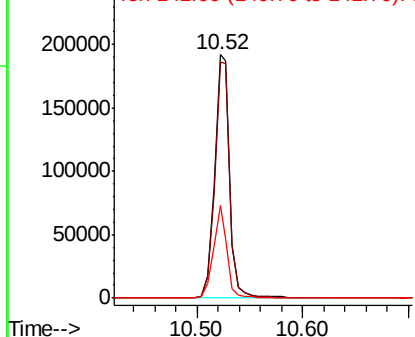


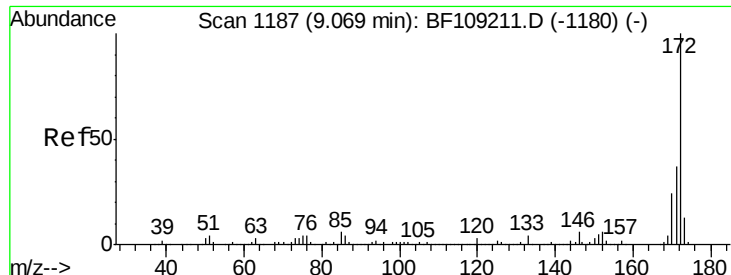
#41
 2,4,6-Tribromophenol
 Concen: 95.219 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

Tgt Ion:330 Resp: 194529
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.9 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

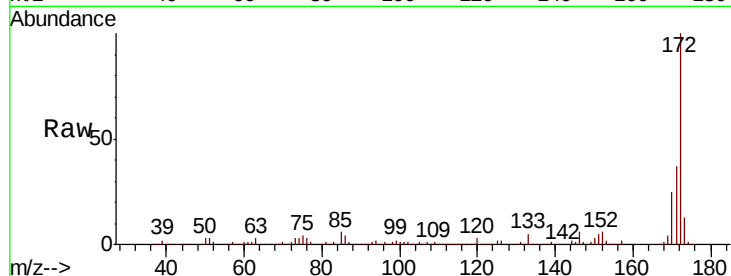




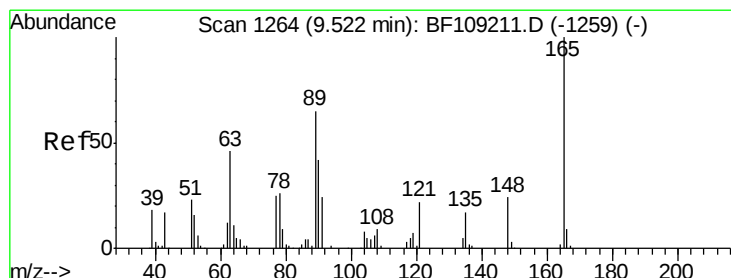
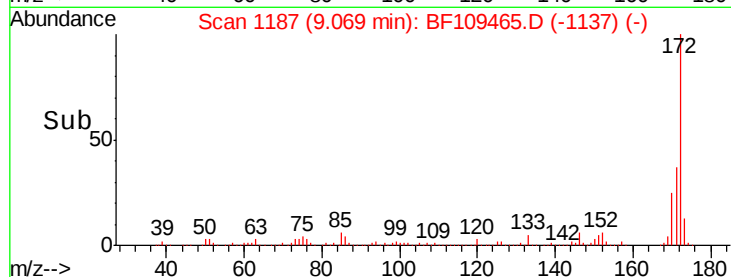
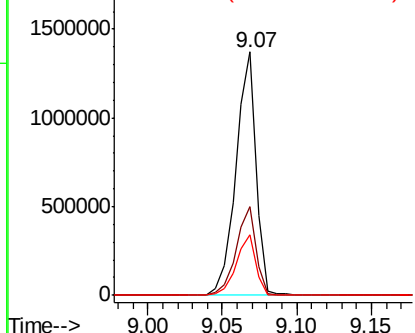
#44
 2-Fluorobiphenyl
 Concen: 94.737 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

Instrument :
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Tgt Ion:172 Resp: 1301770
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.7 19.6 29.4

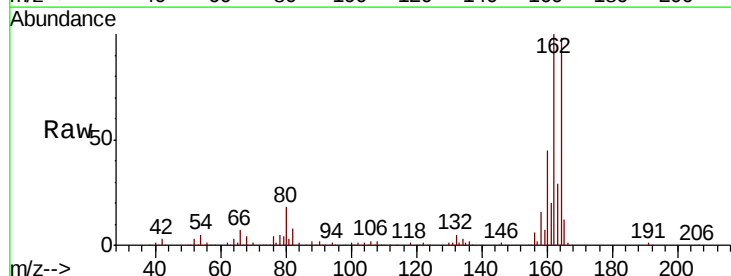


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

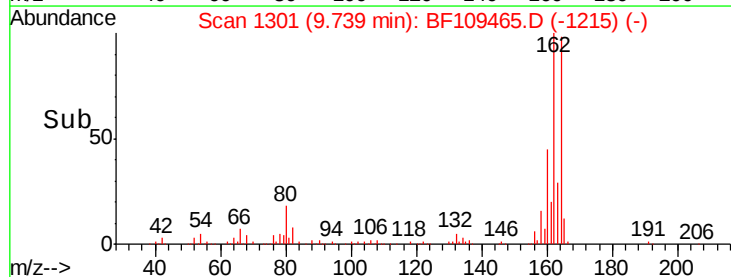
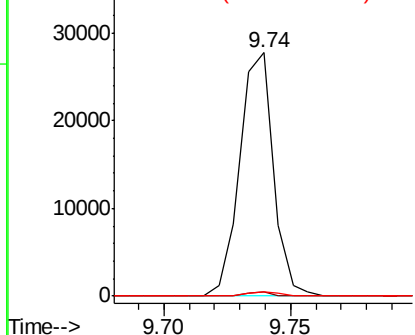


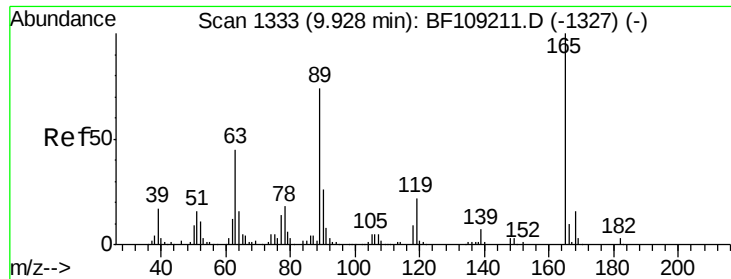
#50
 2,6-Dinitrotoluene
 Concen: 8.578 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

Tgt Ion:165 Resp: 25609
 Ion Ratio Lower Upper
 165 100
 63 1.6 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

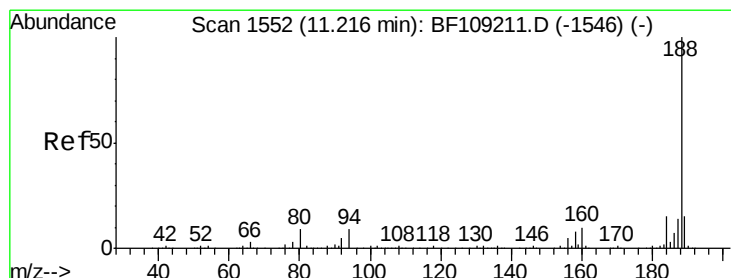
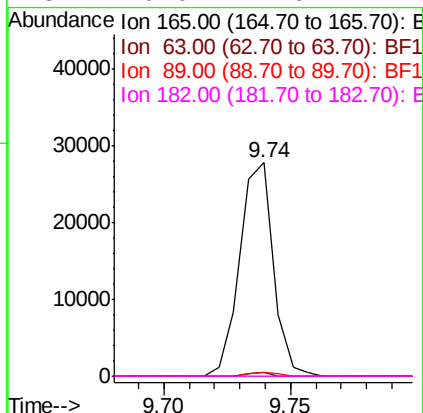
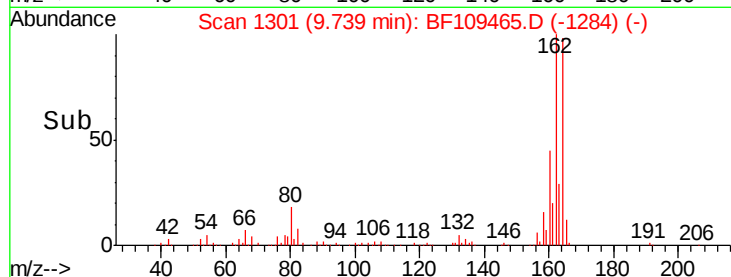
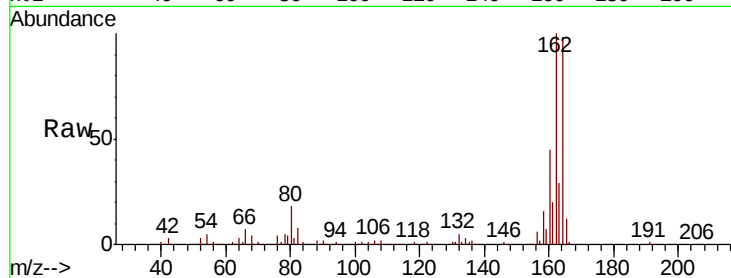




#56
 2,4-Dinitrotoluene
 Concen: 6.780 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

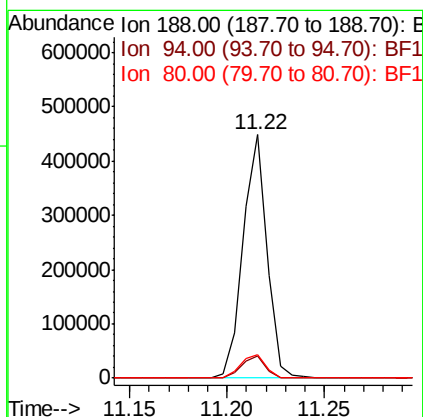
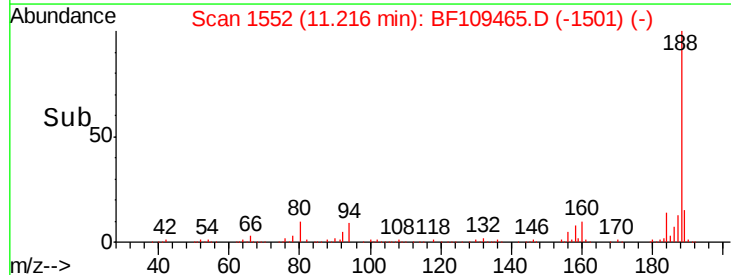
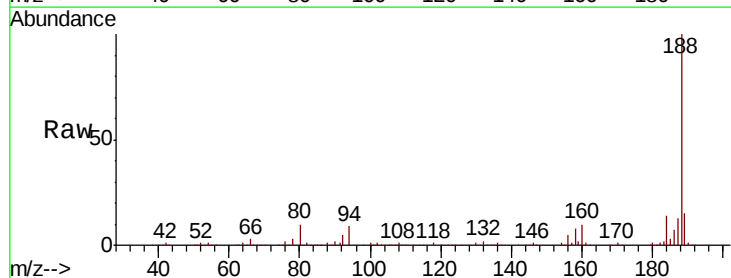
Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-B

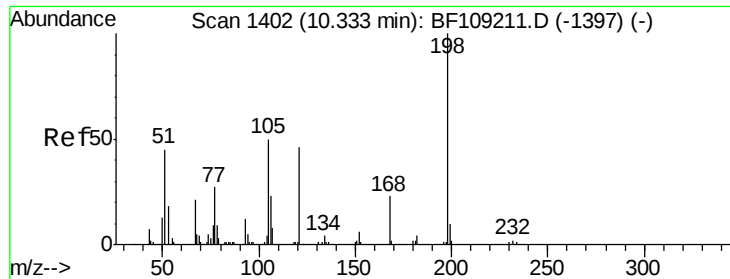
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.7	9.2	13.8

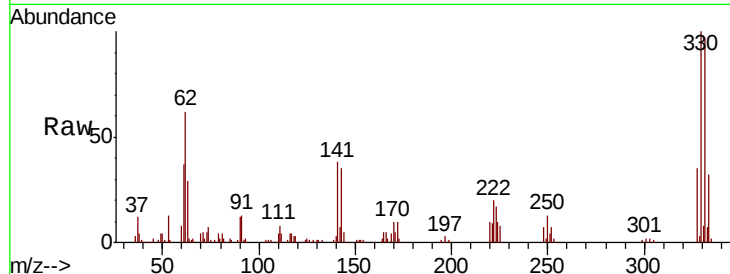




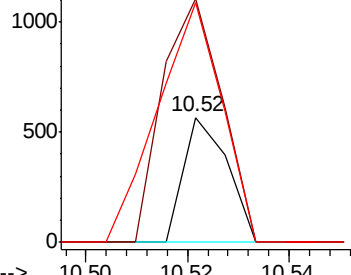
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.712 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

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

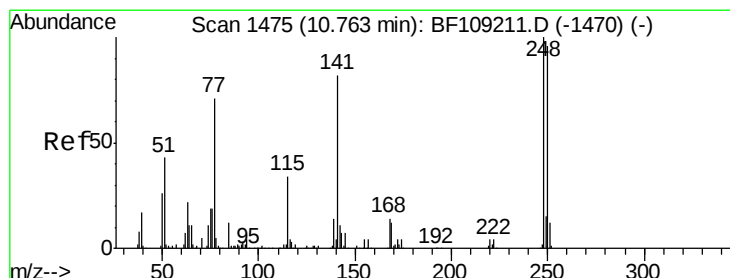
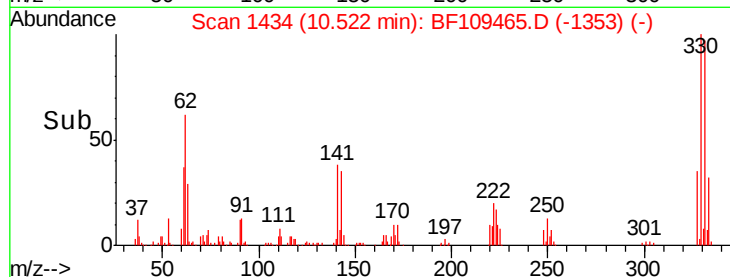
Tgt Ion:198 Resp: 340
 Ion Ratio Lower Upper
 198 100
 51 194.5 37.7 77.7#
 105 191.7 36.3 76.3#



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

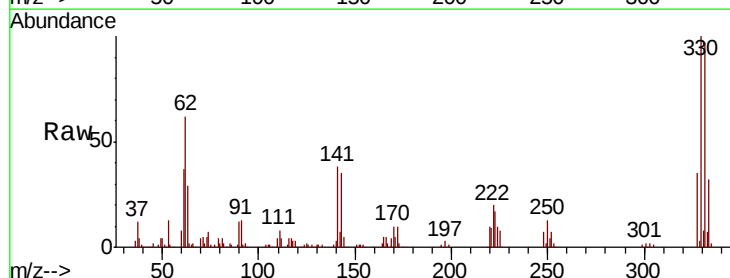


Time-->

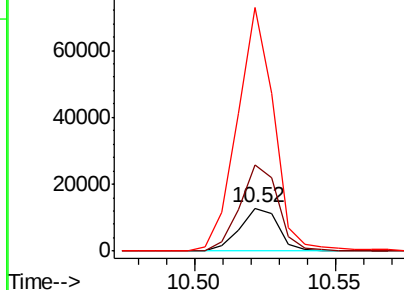


#66
 4-Bromophenyl-phenylether
 Concen: 2.862 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109465.D
 Acq: 29 Sep 2018 7:44

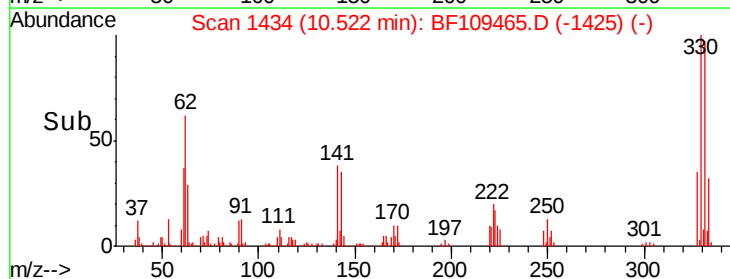
Tgt Ion:248 Resp: 12156
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 565.9 74.4 111.6#

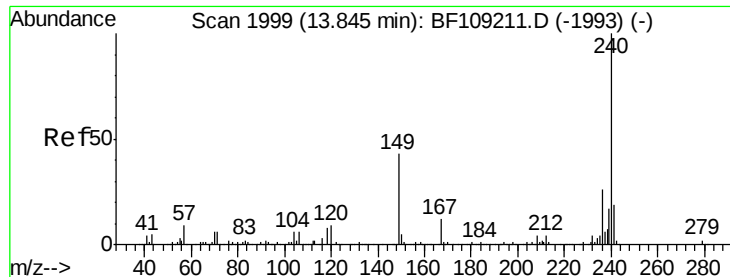


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109465.D

Acq: 29 Sep 2018 7:44

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-B

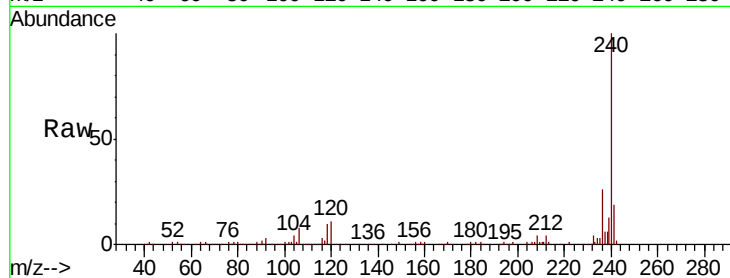
Tgt Ion:240 Resp: 220330

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

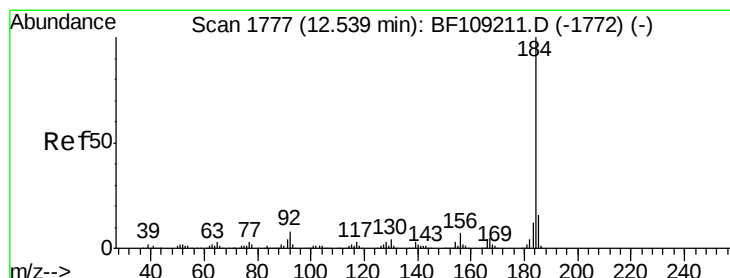
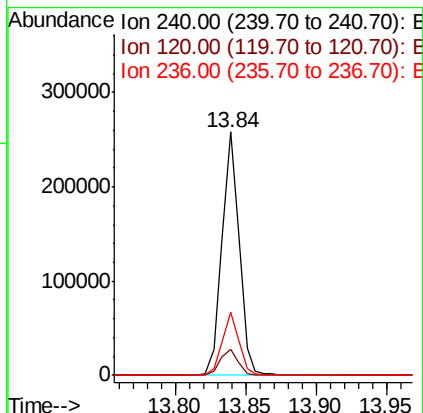
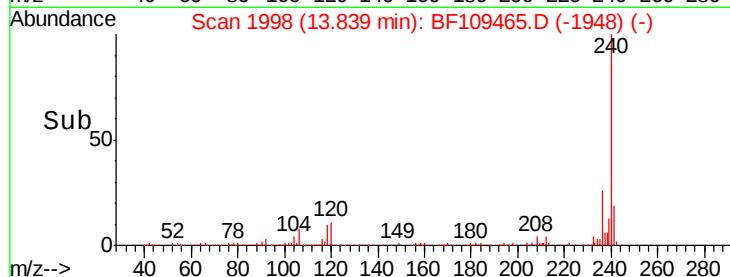
236 26.2 20.7 31.1



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



#76

Benzidine

Concen: 2.013 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.25 min

Lab File: BF109465.D

Acq: 29 Sep 2018 7:44

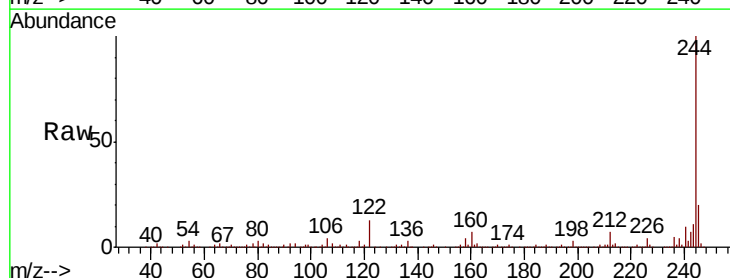
Tgt Ion:184 Resp: 15993

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

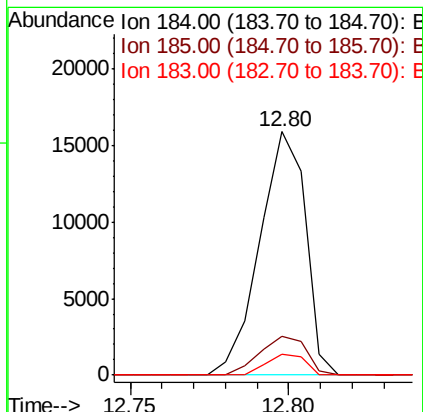
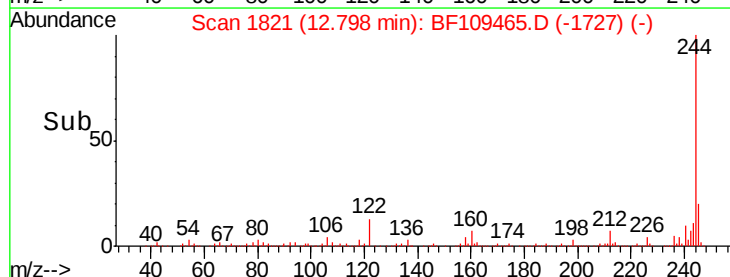
183 8.7 9.3 13.9#

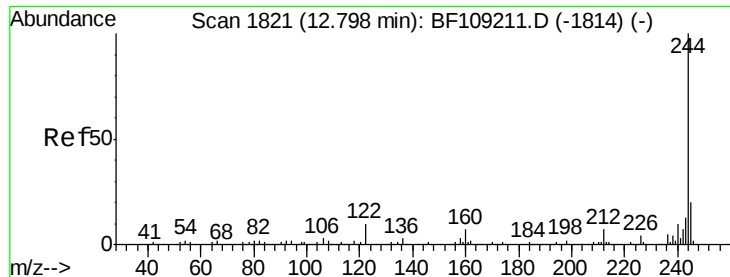


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 130.154 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109465.D

Acq: 29 Sep 2018 7:44

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-B

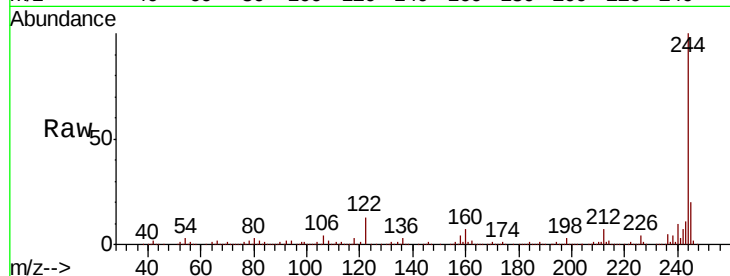
Tgt Ion:244 Resp: 1168495

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

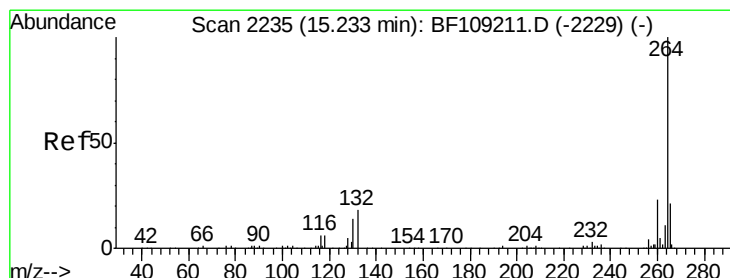
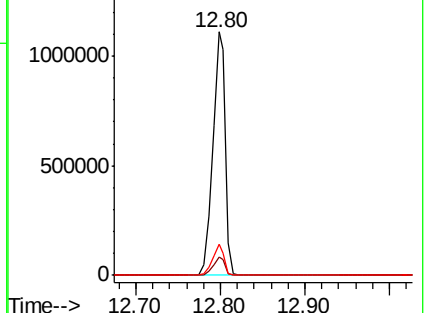
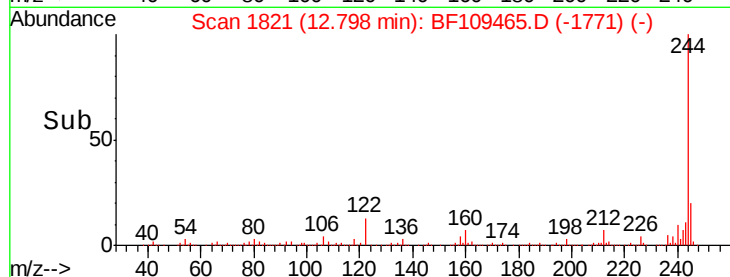
122 12.7 11.0 16.4



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: BF109465.D

Acq: 29 Sep 2018 7:44

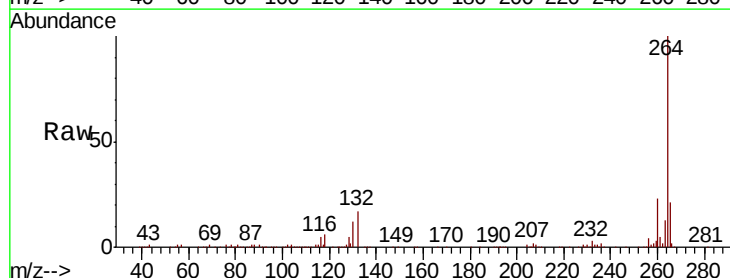
Tgt Ion:264 Resp: 221214

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

