

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109467.D
 Acq On : 29 Sep 2018 8:36
 Operator : JU/SJ
 Sample : J5133-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Oct 01 03:10:43 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	118247	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	432734	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	208712	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	383843	20.00	ng	0.00
75) Chrysene-d12	13.84	240	224339	20.00	ng	0.00
86) Perylene-d12	15.24	264	224141	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	310178	43.21	ng	0.00
7) Phenol-d6	6.34	99	265238	28.95	ng	-0.02
23) Nitrobenzene-d5	7.27	82	772382	105.36	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	199487	96.96	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1308238	94.54	ng	0.00
78) Terphenyl-d14	12.80	244	1184531	129.58	ng	0.00

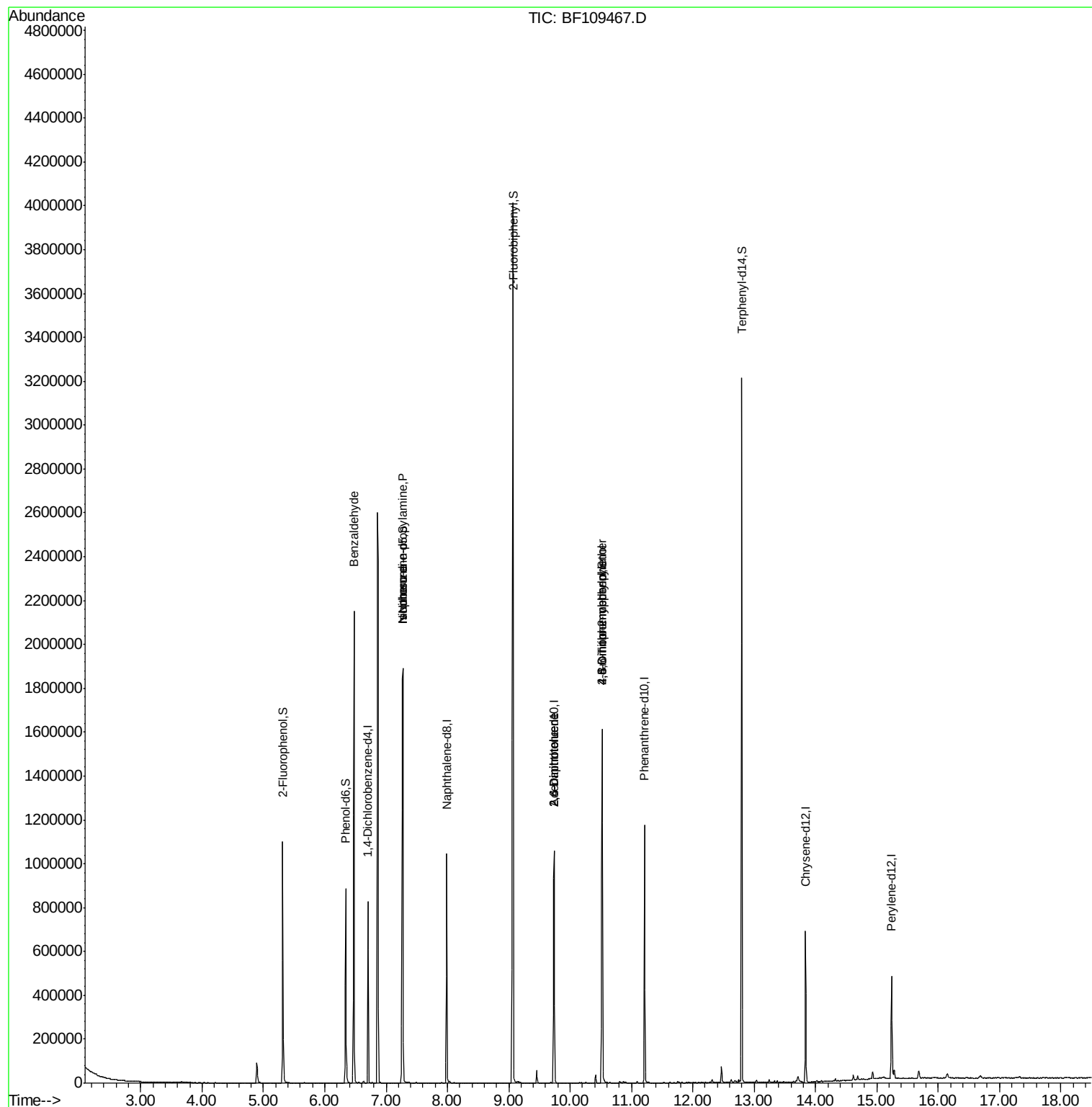
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	13197	2.242	ng	# 71
19) n-Nitroso-di-n-propylamine	7.27	70	105356	17.551	ng	# 75
25) Isophorone	7.27	82	730342	55.327	ng	# 64
50) 2,6-Dinitrotoluene	9.74	165	26615	8.852	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	26615	6.996	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.53	198	299	6.688	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12326	2.892	ng	# 1

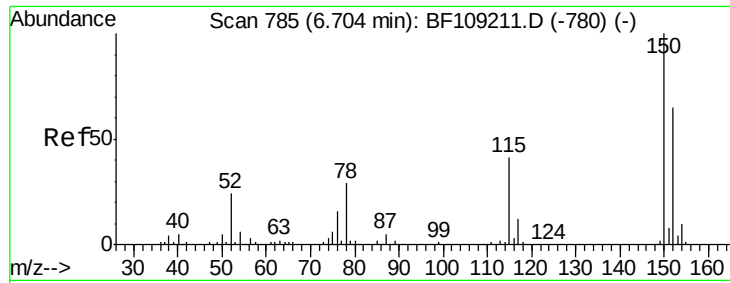
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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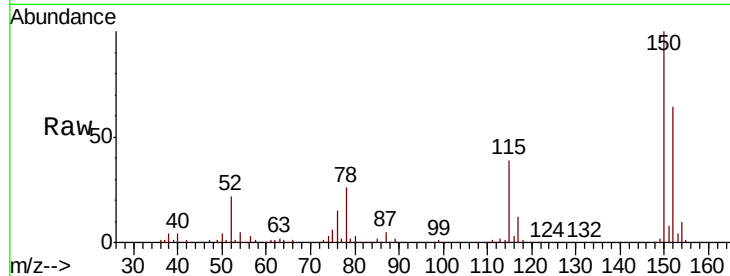




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	61.4	50.1	75.1

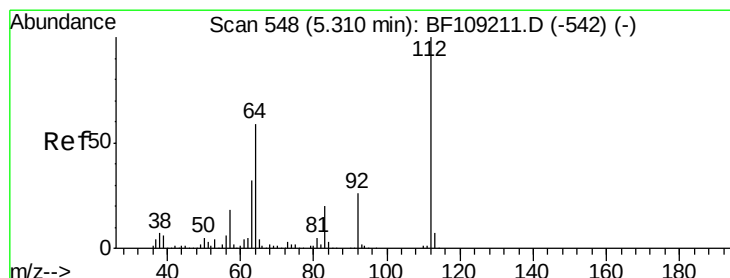
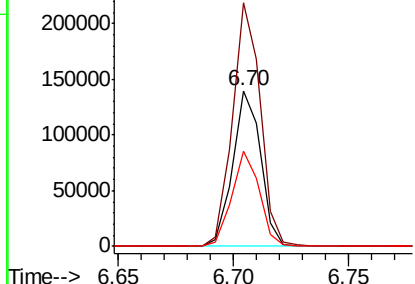
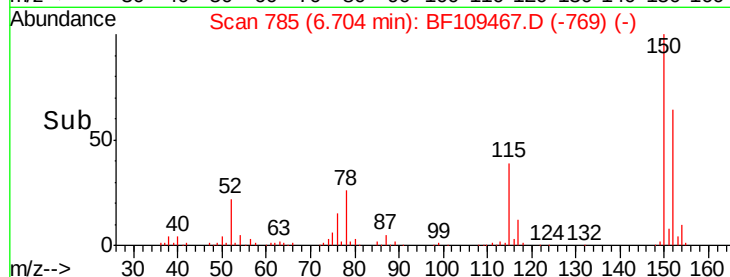


Abundance

Ion 152.00 (151.70 to 152.70): E

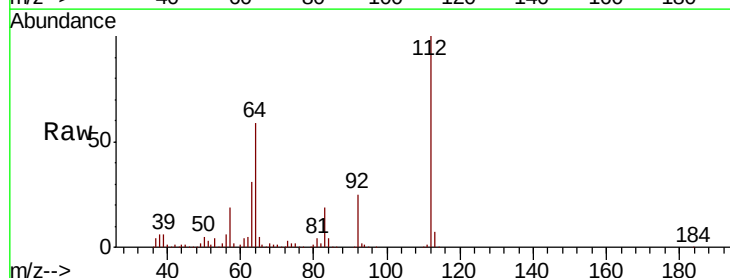
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 43.205 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.9	71.9
63	31.4	23.7	35.5

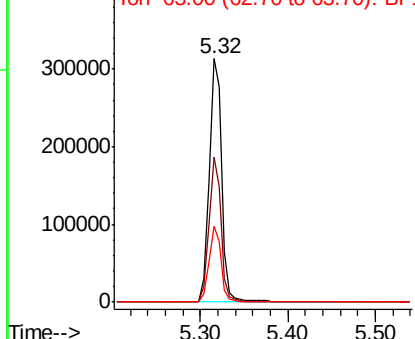
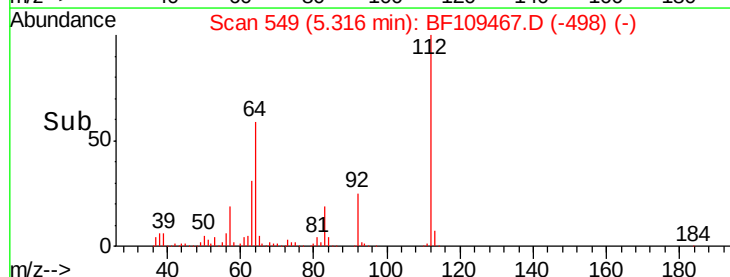


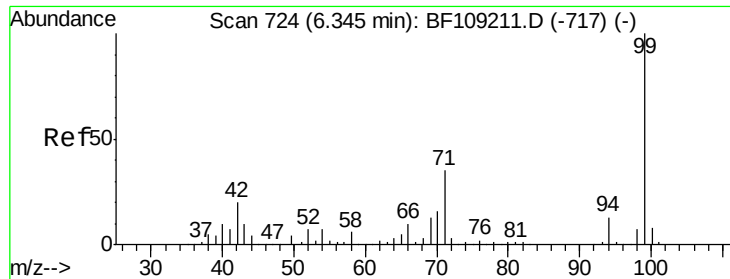
Abundance

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: 28.953 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

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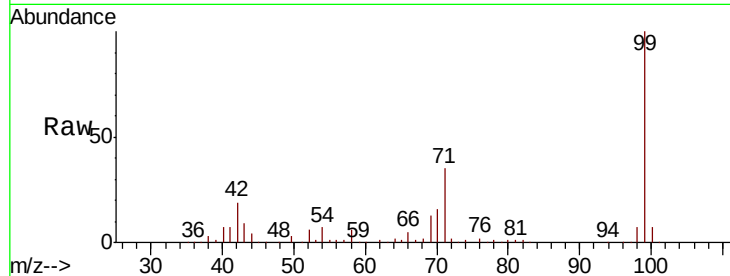
Tgt Ion: 99 Resp: 265238

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

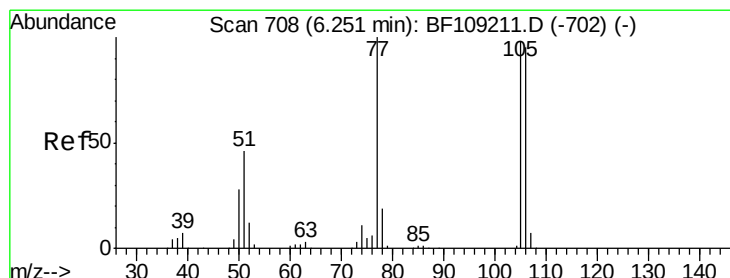
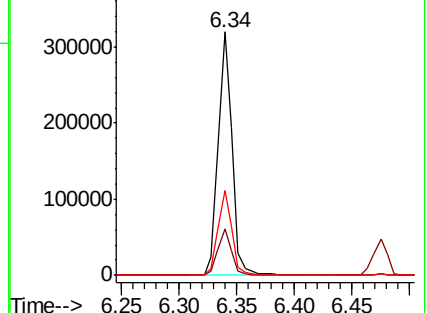
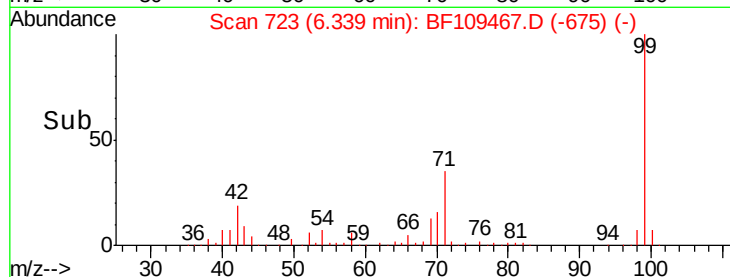
71 34.9 25.4 38.0



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: 2.242 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109467.D

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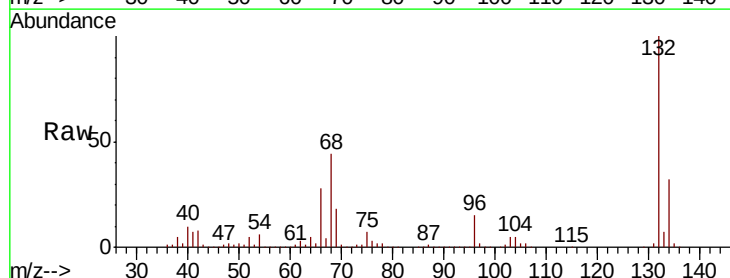
Tgt Ion: 77 Resp: 13197

Ion Ratio Lower Upper

77 100

105 73.3 81.1 121.1#

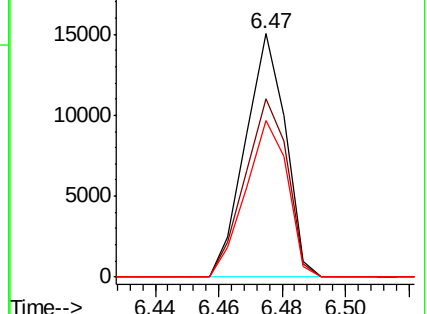
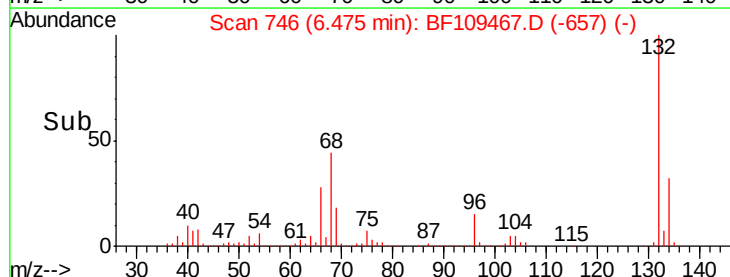
106 64.2 74.5 114.5#

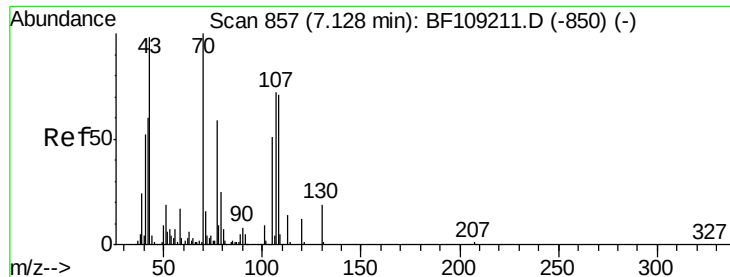


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

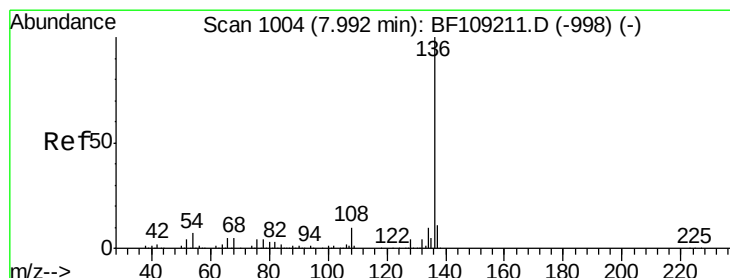
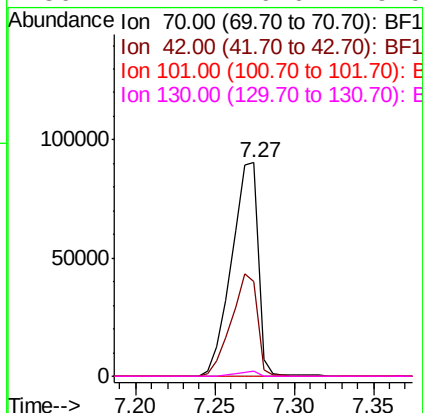
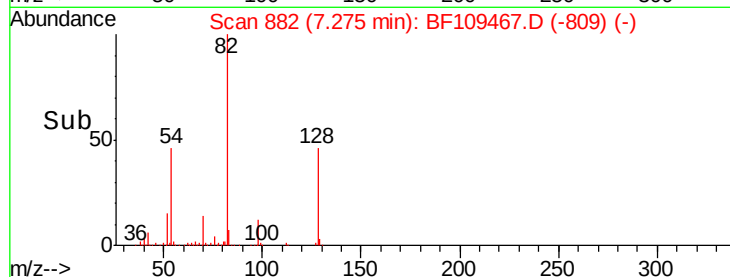
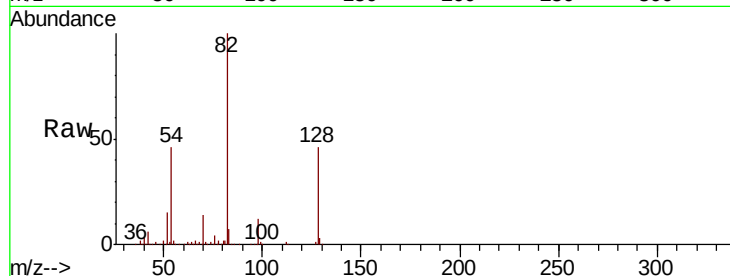




#19
n-Nitroso-di-n-propylamine
Concen: 17.551 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

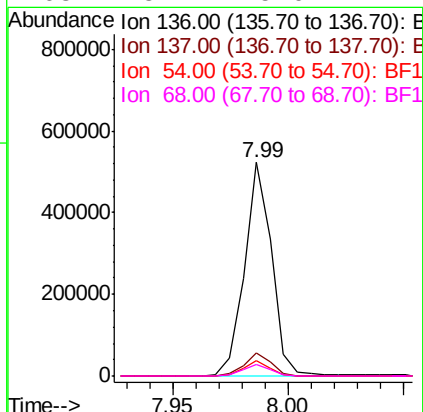
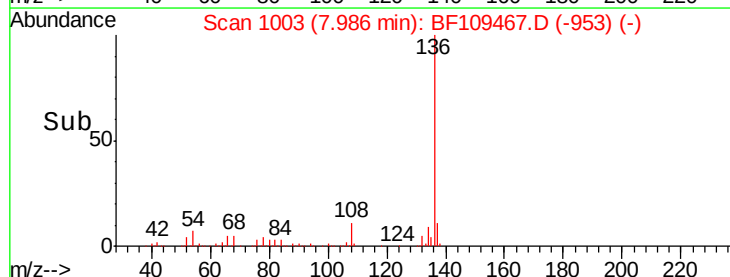
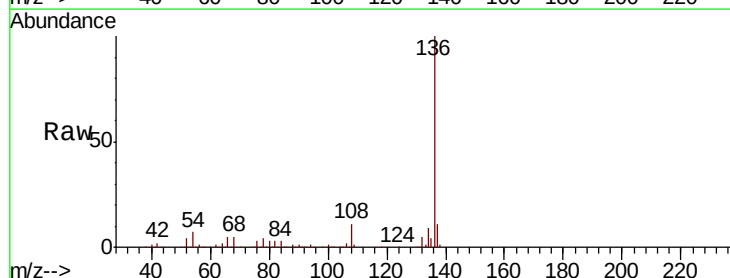
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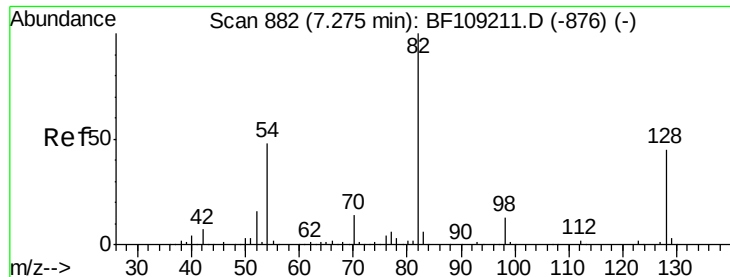
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.1	6.6	9.8
68	5.4	5.0	7.4

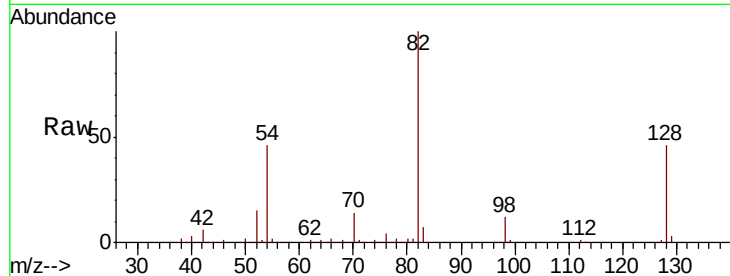




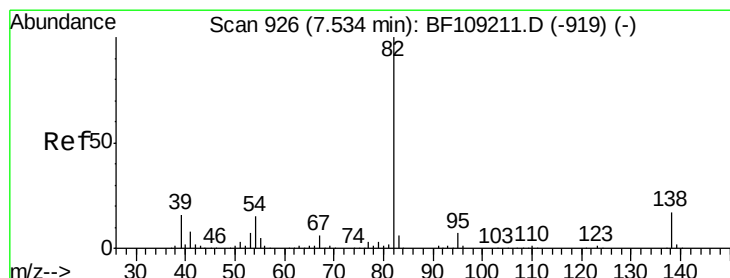
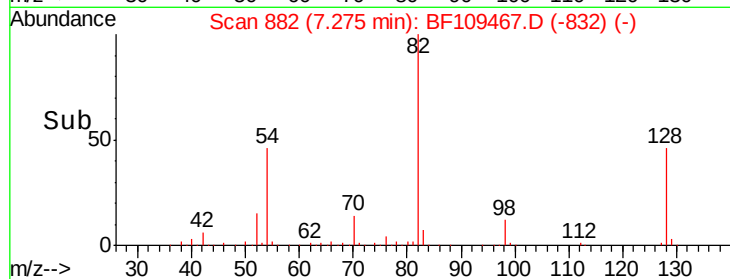
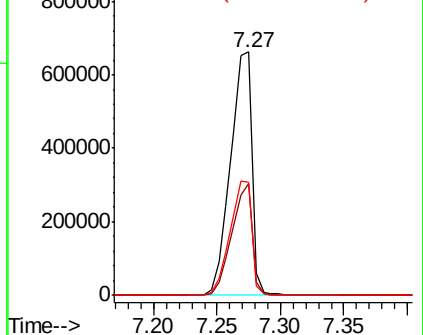
#23
Nitrobenzene-d5
Concen: 105.365 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

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

Tgt Ion: 82 Resp: 772382
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 46.3 41.4 62.2

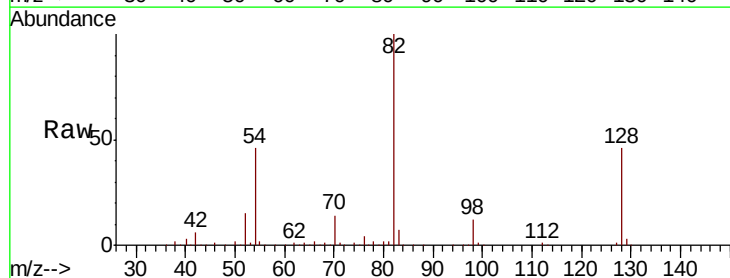


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

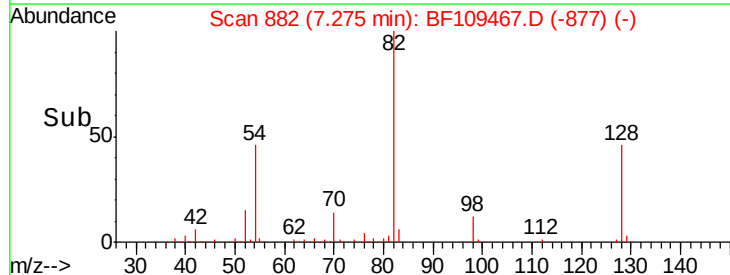
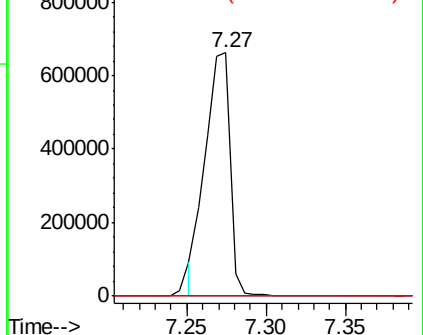


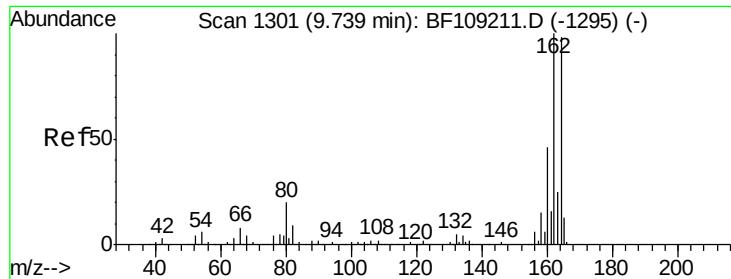
#25
Isophorone
Concen: 55.327 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

Tgt Ion: 82 Resp: 730342
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

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

Instrument :

BNA_F

ClientSampleId :

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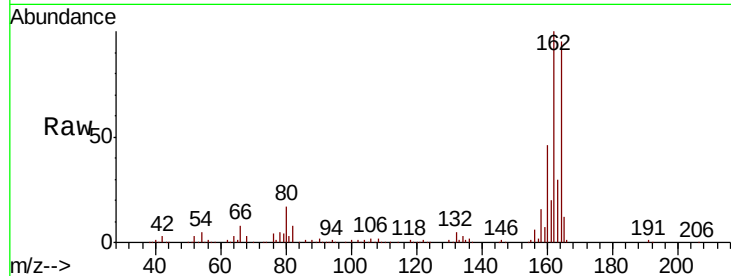
Tgt Ion:164 Resp: 208712

Ion Ratio Lower Upper

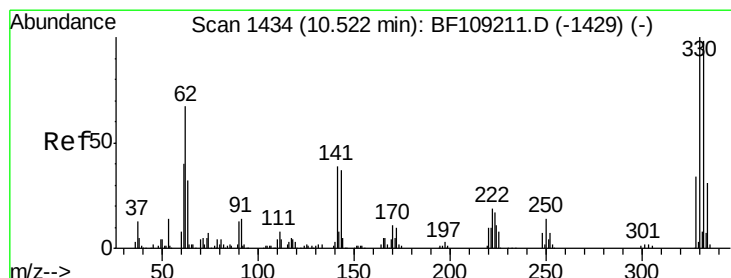
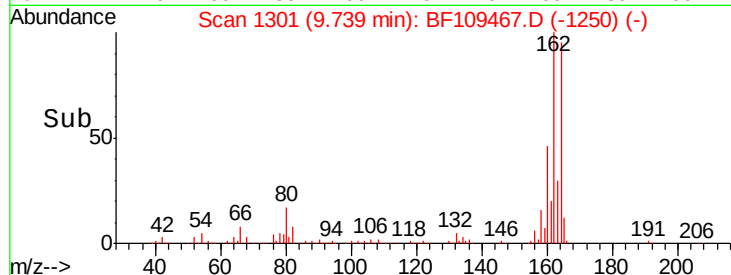
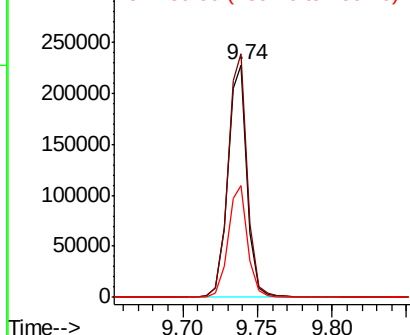
164 100

162 104.7 86.1 129.1

160 47.9 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: 96.958 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

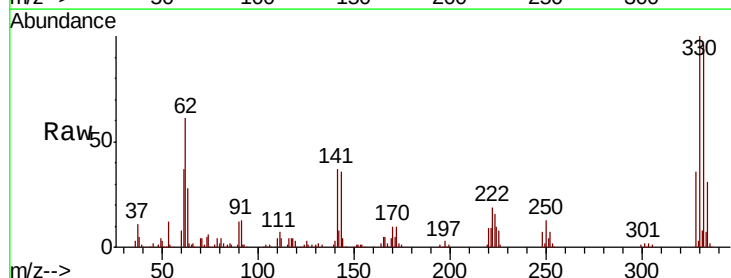
Tgt Ion:330 Resp: 199487

Ion Ratio Lower Upper

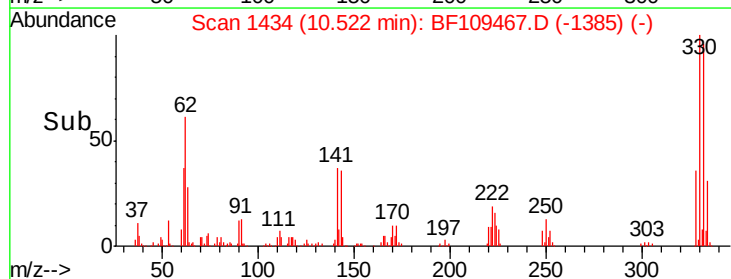
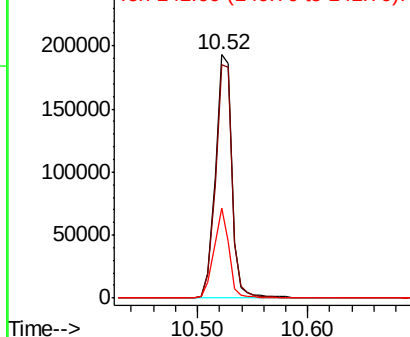
330 100

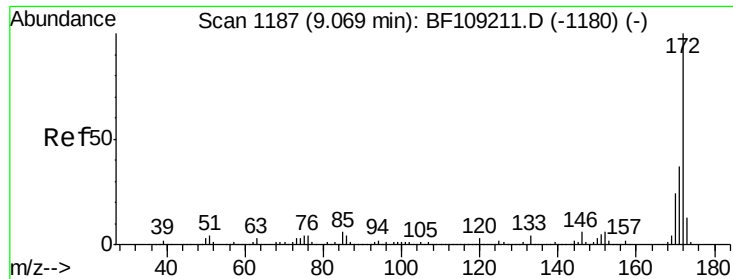
332 96.5 77.0 115.6

141 33.2 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

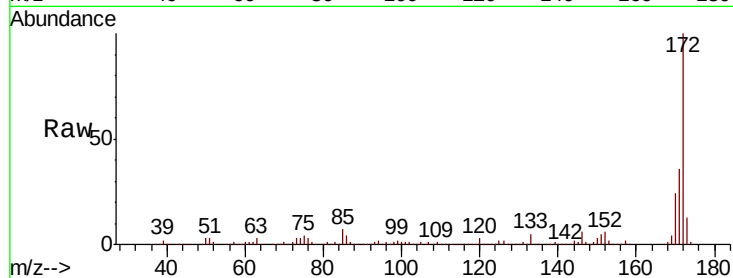




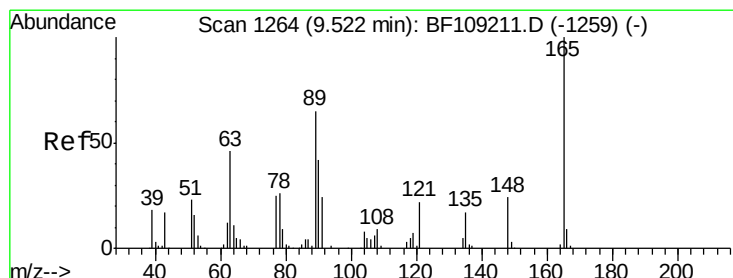
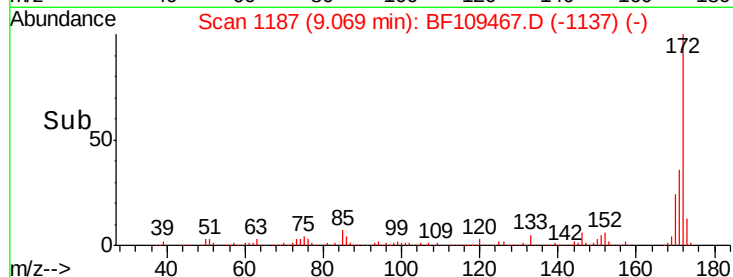
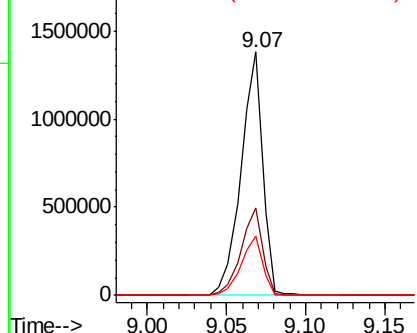
#44
 2-Fluorobiphenyl
 Concen: 94.536 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
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Tgt Ion:172 Resp: 1308238
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.5 19.6 29.4

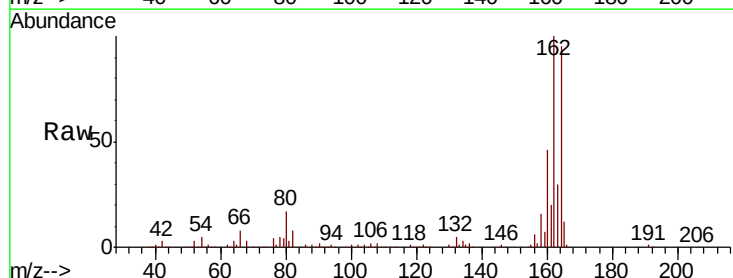


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

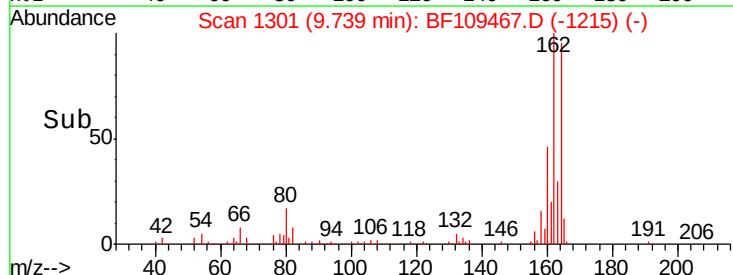
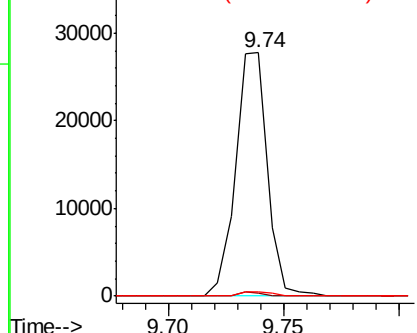


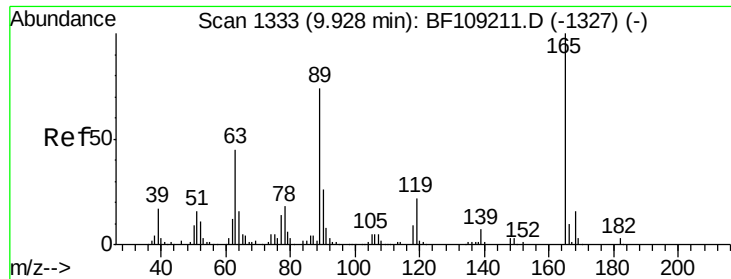
#50
 2,6-Dinitrotoluene
 Concen: 8.852 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion:165 Resp: 26615
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.9 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

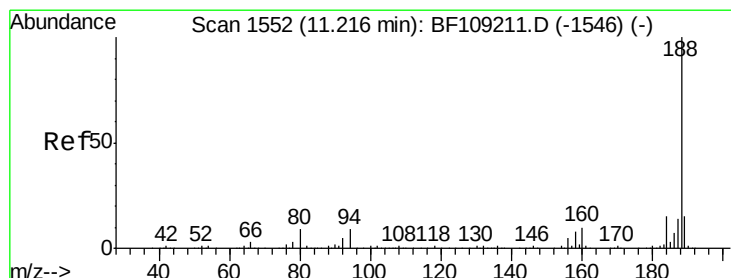
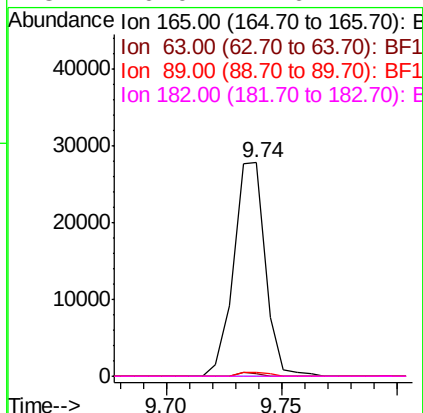
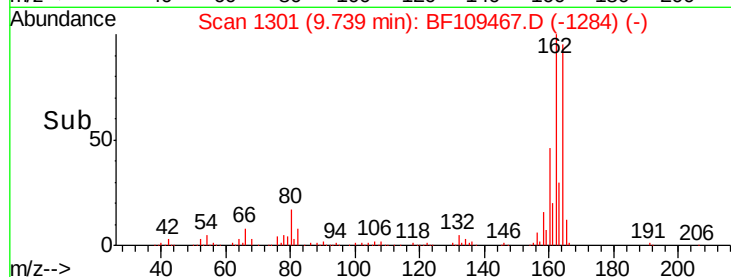
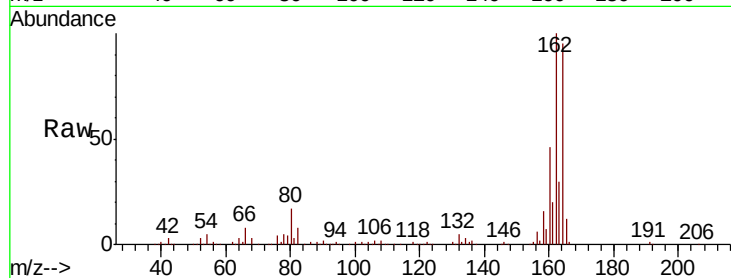




#56
 2,4-Dinitrotoluene
 Concen: 6.996 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

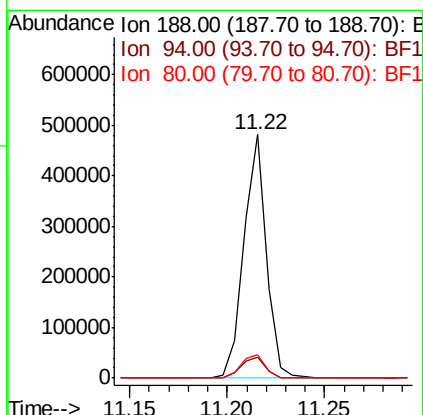
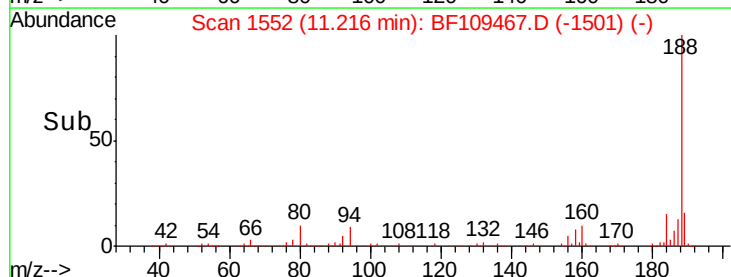
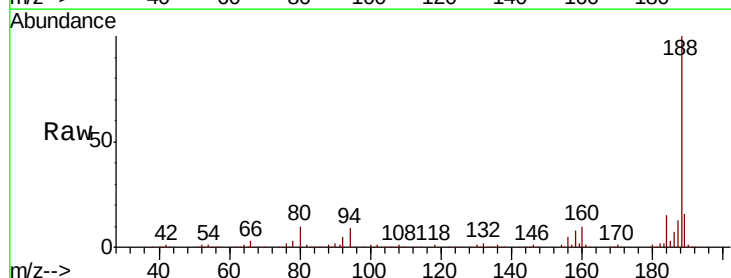
Instrument :
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 ClientSampleId :
 092618-JETT-F-U-S

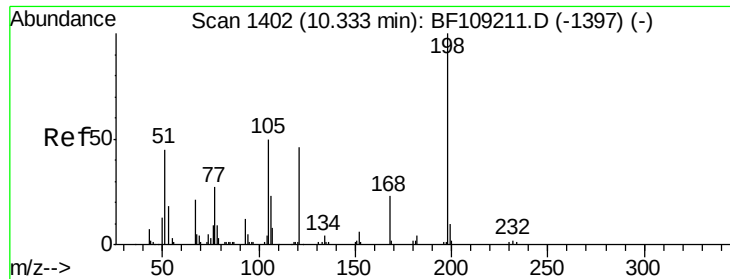
Tgt Ion:	165	Resp:	26615
Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion:	188	Resp:	383843
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8

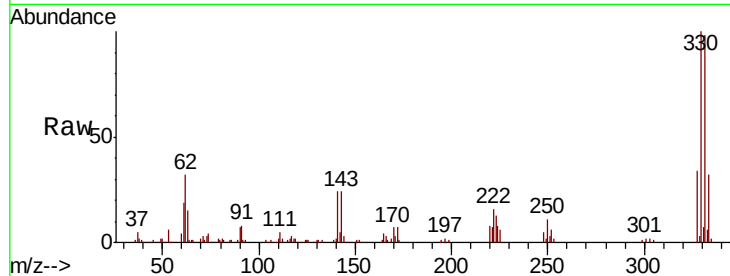




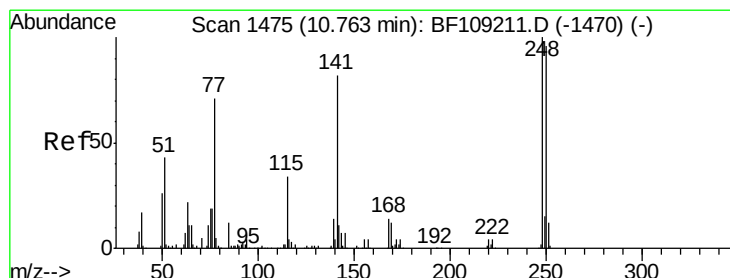
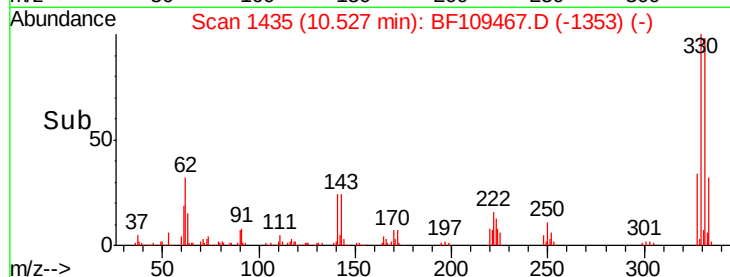
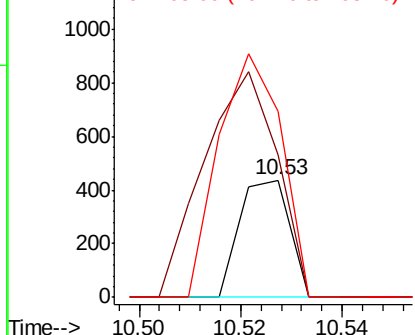
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.688 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.18 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

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

Tgt Ion:198 Resp: 299
 Ion Ratio Lower Upper
 198 100
 51 122.0 37.7 77.7#
 105 159.4 36.3 76.3#

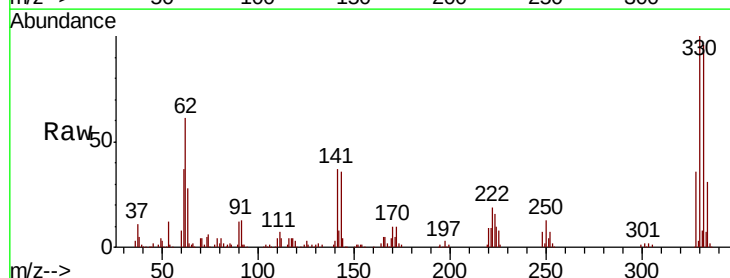


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

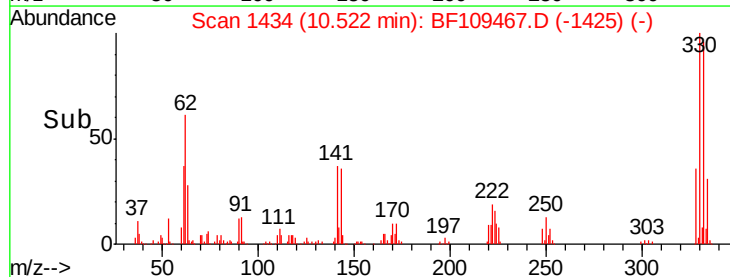
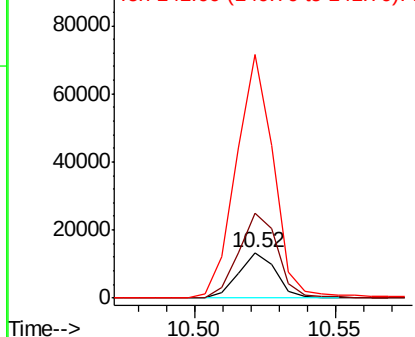


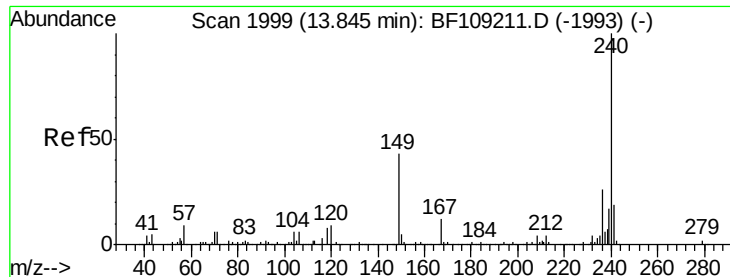
#66
 4-Bromophenyl-phenylether
 Concen: 2.892 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion:248 Resp: 12326
 Ion Ratio Lower Upper
 248 100
 250 187.4 76.9 115.3#
 141 538.4 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: BF109467.D

Acq: 29 Sep 2018 8:36

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-S

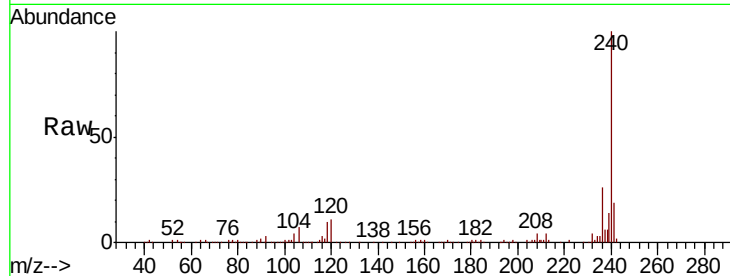
Tgt Ion:240 Resp: 224339

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

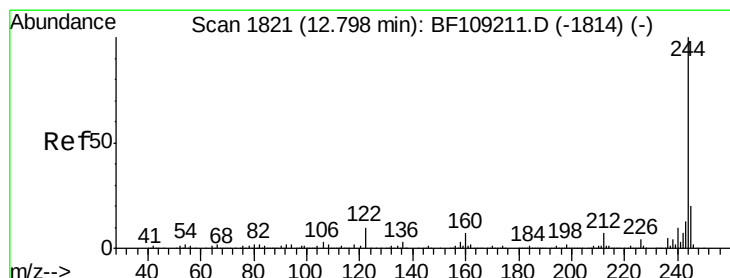
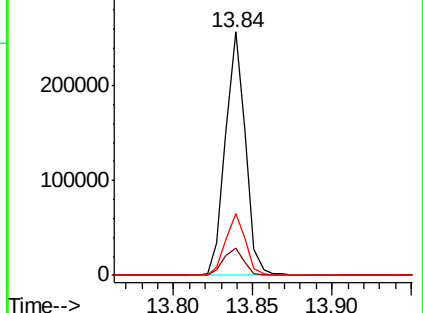
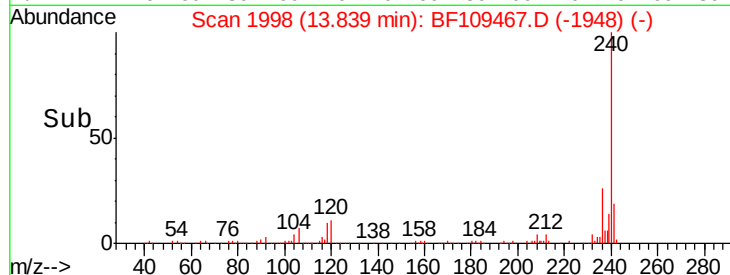
236 25.6 20.7 31.1



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: 129.582 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

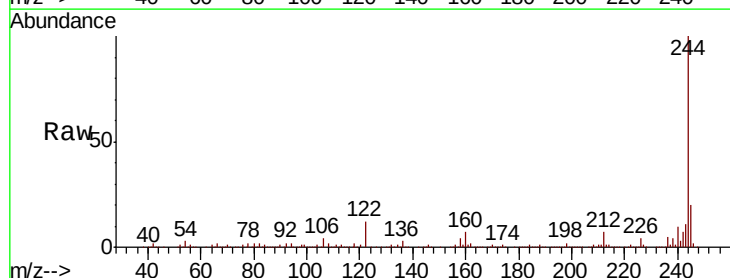
Tgt Ion:244 Resp: 1184531

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

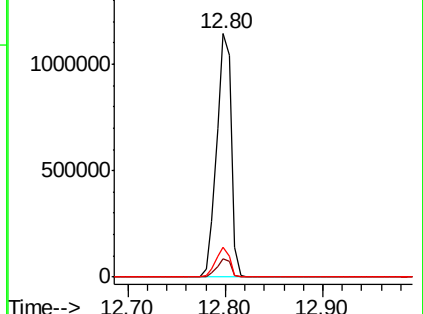
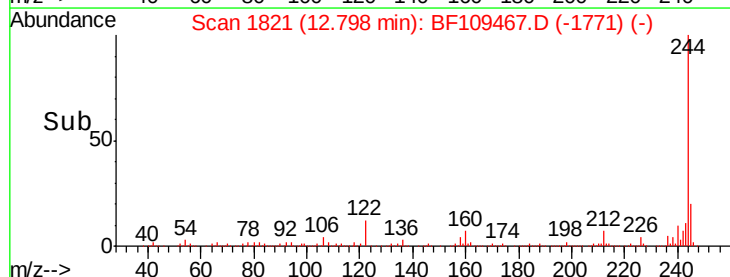
122 12.3 11.0 16.4

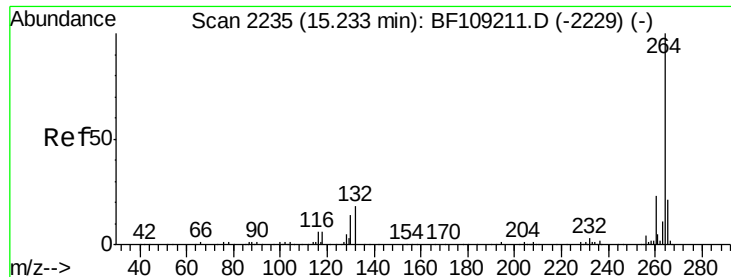


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2237
Delta R.T. 0.01 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.5	26.3

