

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109464.D
 Acq On : 29 Sep 2018 7:18
 Operator : JU/SJ
 Sample : J5133-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Oct 01 03:10:14 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	122472	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	460959	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	220368	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	408242	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235203	20.00	ng	0.00
86) Perylene-d12	15.24	264	231651	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	295222	39.70	ng	0.00
7) Phenol-d6	6.34	99	255336	26.91	ng	-0.02
23) Nitrobenzene-d5	7.27	82	781491	100.08	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	200920	92.49	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1335249	91.38	ng	0.00
78) Terphenyl-d14	12.80	244	1182228	123.36	ng	0.00

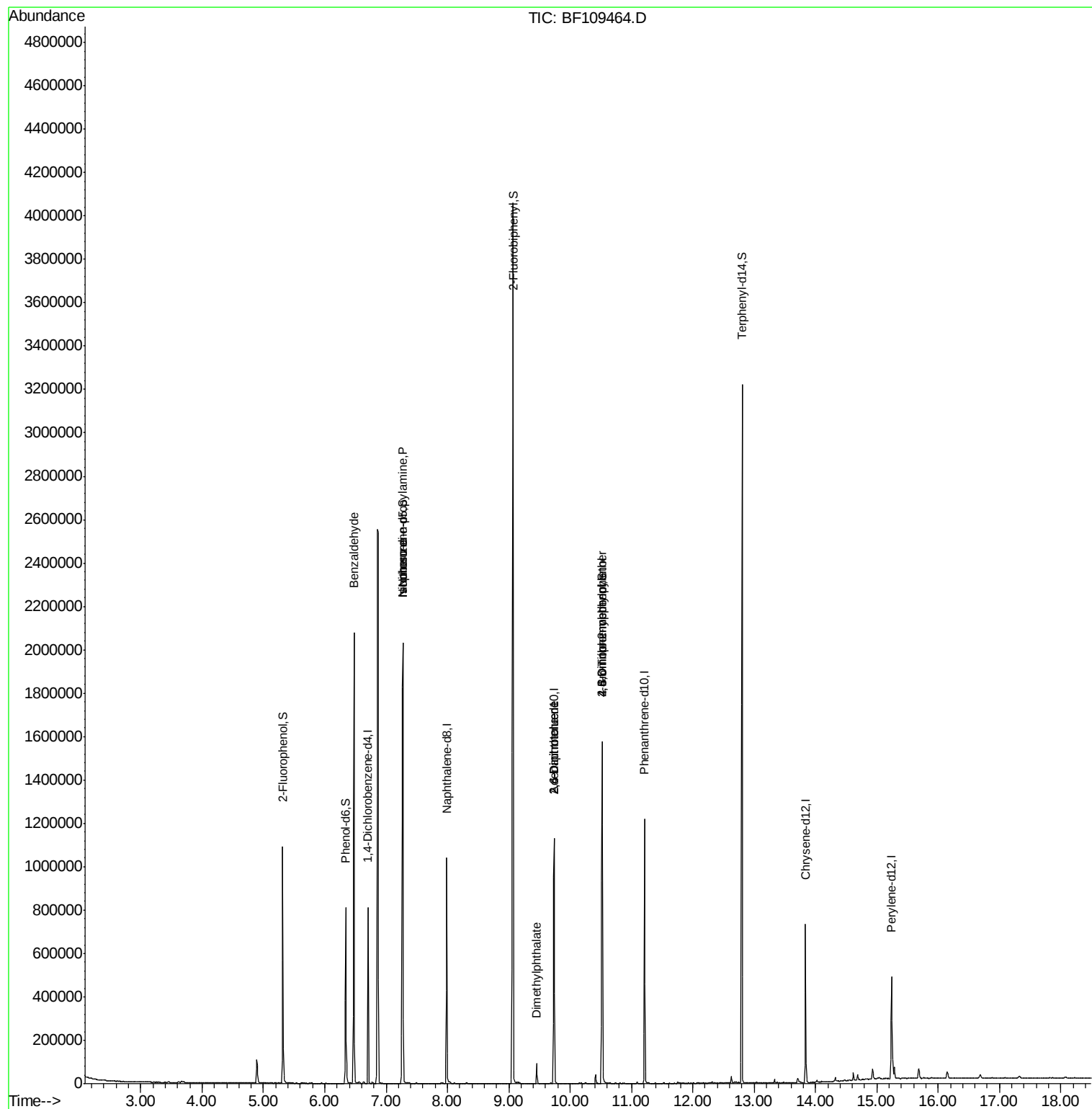
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	13110	2.151	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	106196	17.081	ng	# 76
25) Isophorone	7.27	82	745354	53.007	ng	# 64
49) Dimethylphthalate	9.46	163	39219	2.447	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	27786	8.753	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	27786	6.918	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.52	198	411	6.737	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11736	2.589	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109464.D
Acq On : 29 Sep 2018 7:18
Operator : JU/SJ
Sample : J5133-17
Misc :
ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Oct 01 03:10:14 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



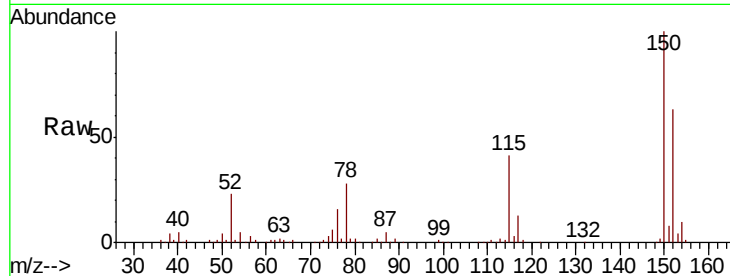


#1

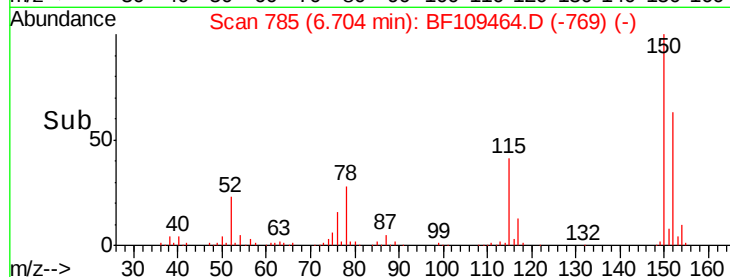
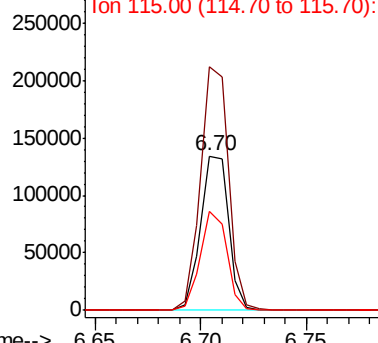
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

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

Tgt Ion:152 Resp: 122472
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.6 186.8
 115 64.1 50.1 75.1



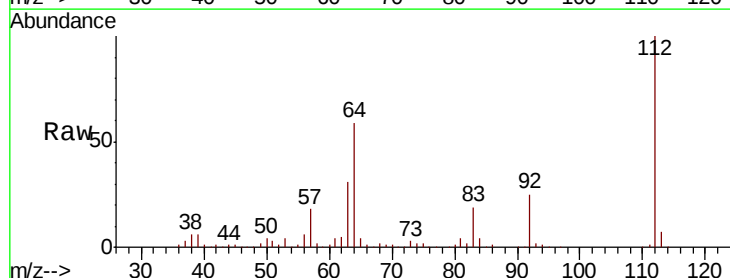
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



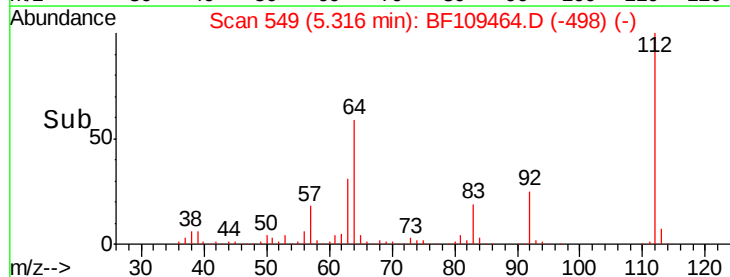
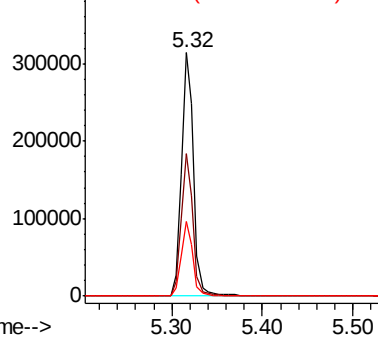
#5

2-Fluorophenol
 Concen: 39.703 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

Tgt Ion:112 Resp: 295222
 Ion Ratio Lower Upper
 112 100
 64 58.6 47.9 71.9
 63 30.7 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: 26.911 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109464.D

Acq: 29 Sep 2018 7:18

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-S

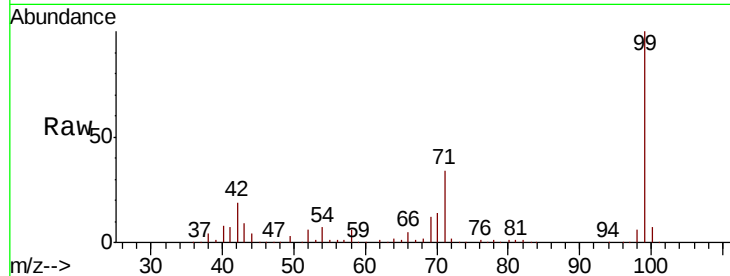
Tgt Ion: 99 Resp: 255336

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

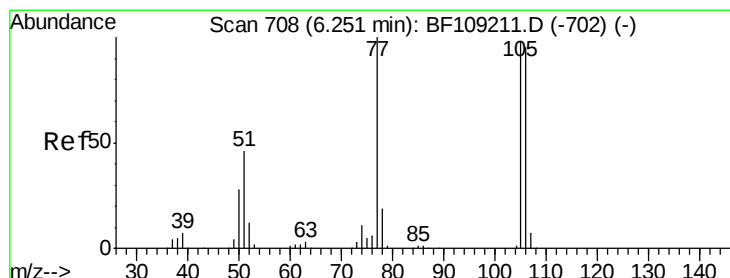
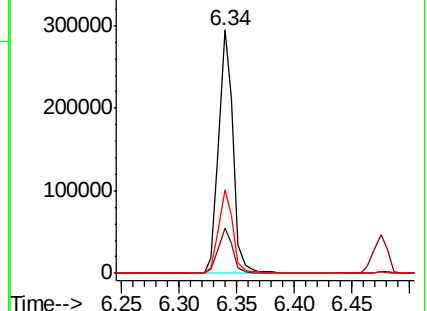
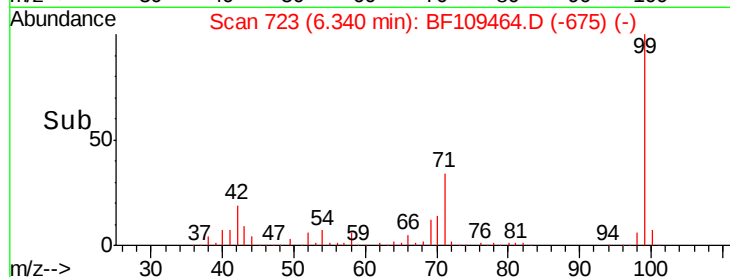
71 34.2 25.4 38.0



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: 2.151 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109464.D

Acq: 29 Sep 2018 7:18

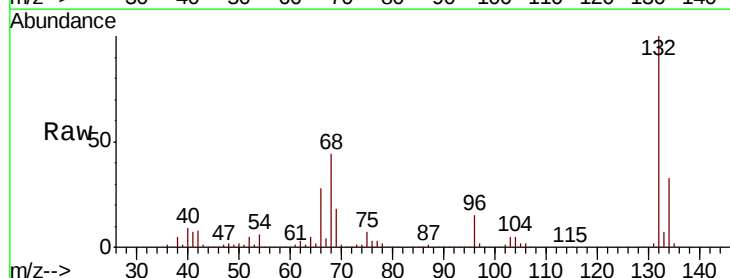
Tgt Ion: 77 Resp: 13110

Ion Ratio Lower Upper

77 100

105 79.0 81.1 121.1#

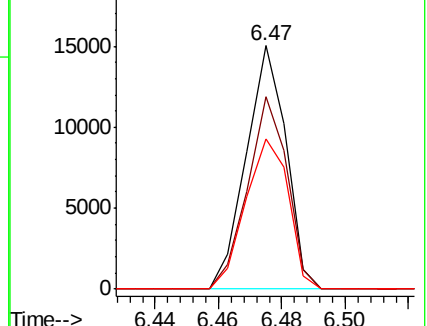
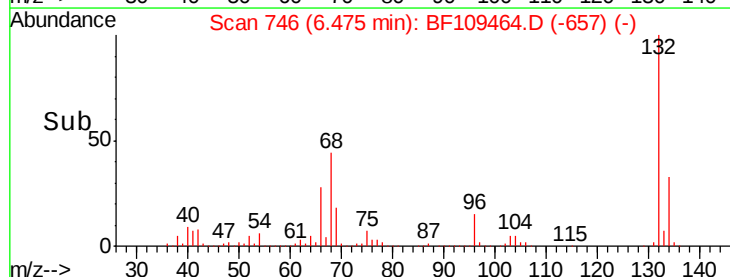
106 61.6 74.5 114.5#



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

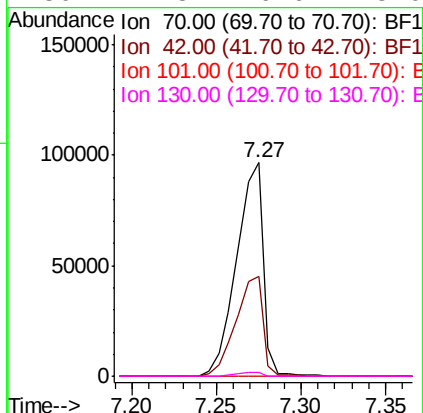
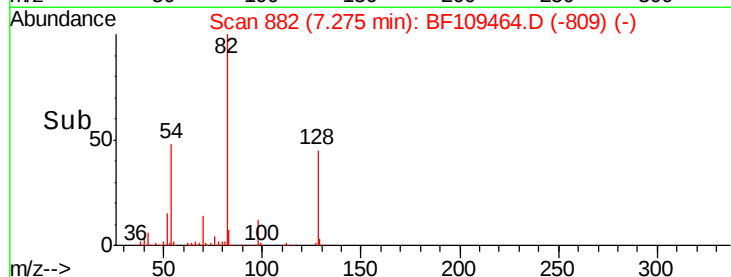
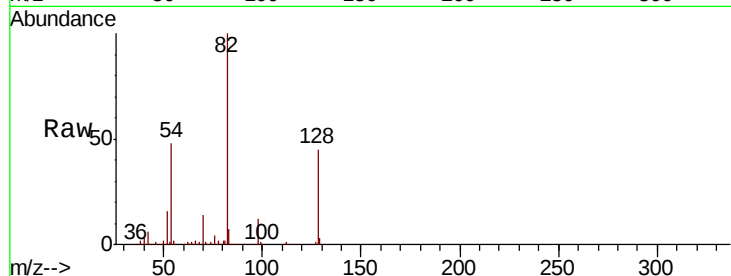




#19
n-Nitroso-di-n-propylamine
Concen: 17.081 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.13 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

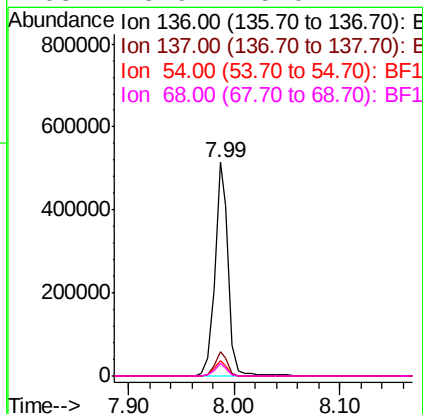
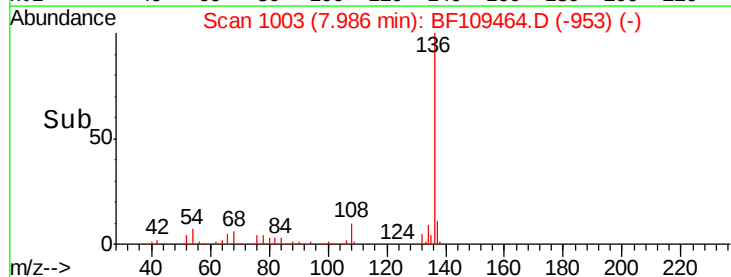
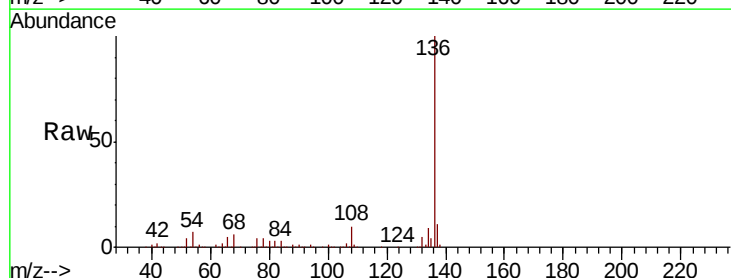
Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-S

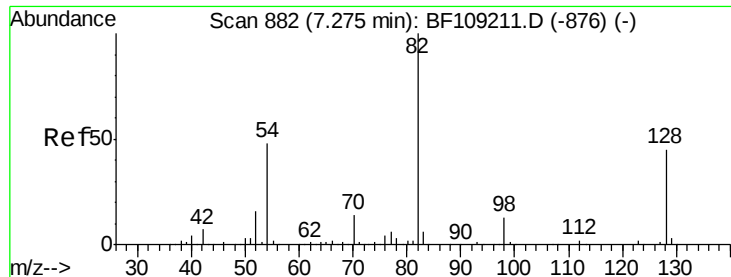
Tgt Ion: 70 Resp: 106196
Ion Ratio Lower Upper
70 100
42 46.5 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

Tgt Ion: 136 Resp: 460959
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.4 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 100.080 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109464.D

Acq: 29 Sep 2018 7:18

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-S

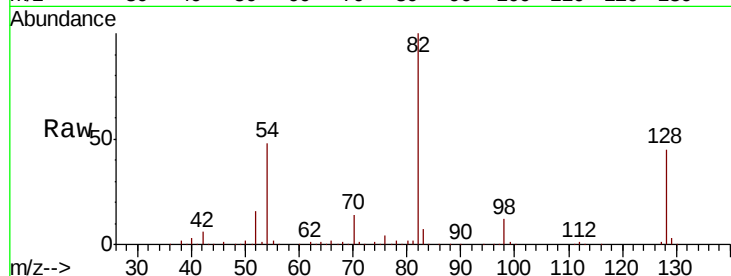
Tgt Ion: 82 Resp: 781491

Ion Ratio Lower Upper

82 100

128 45.4 36.1 54.1

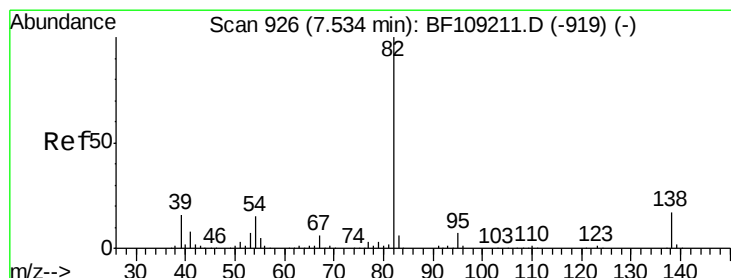
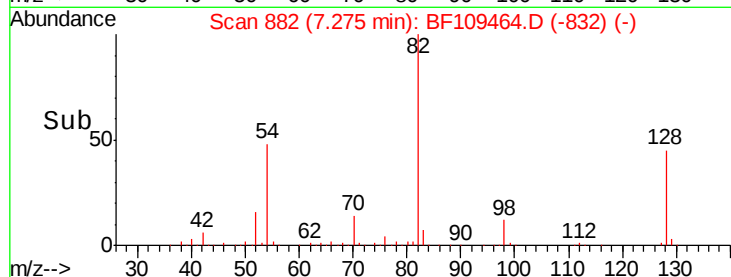
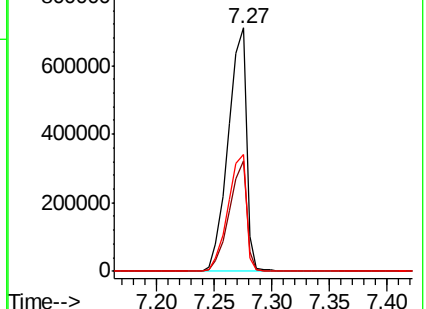
54 47.8 41.4 62.2



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: 53.007 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.27 min

Lab File: BF109464.D

Acq: 29 Sep 2018 7:18

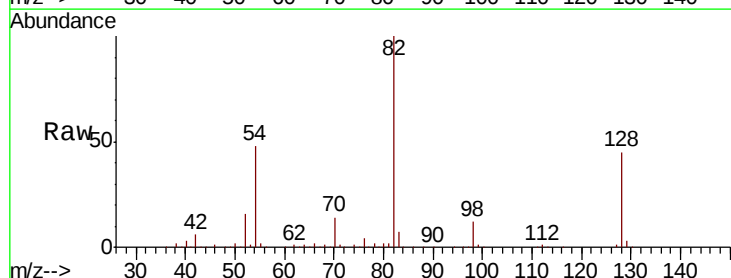
Tgt Ion: 82 Resp: 745354

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

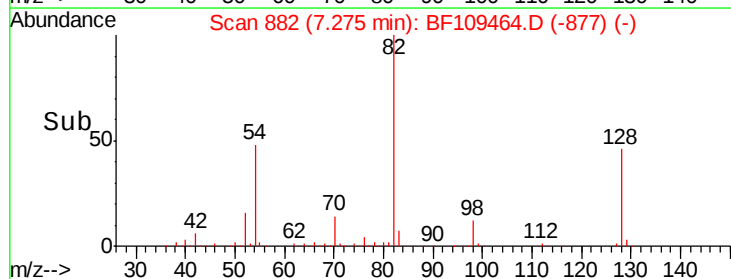
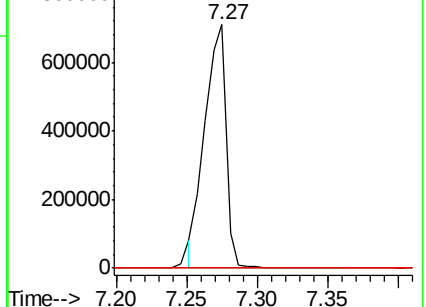
138 0.0 14.9 22.3#

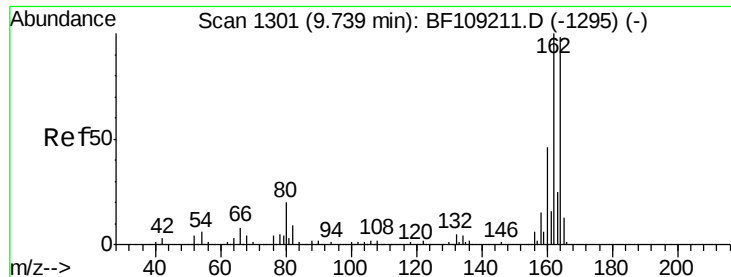


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

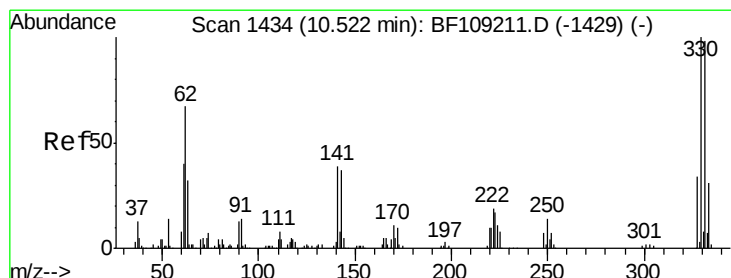
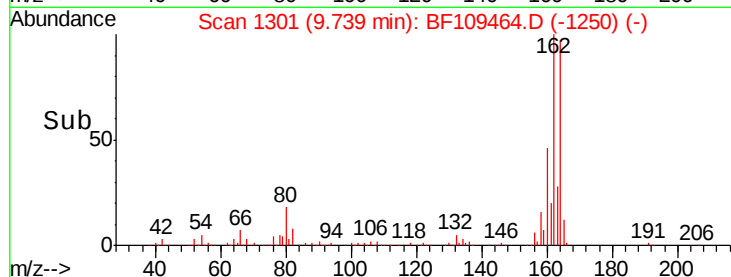
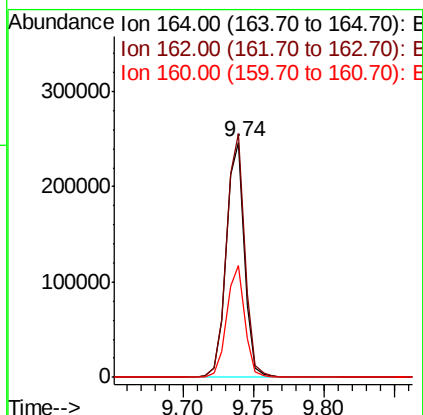
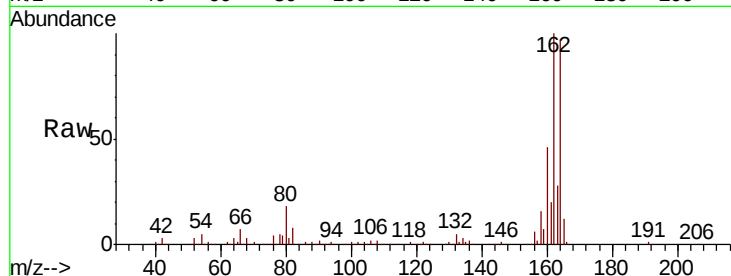




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

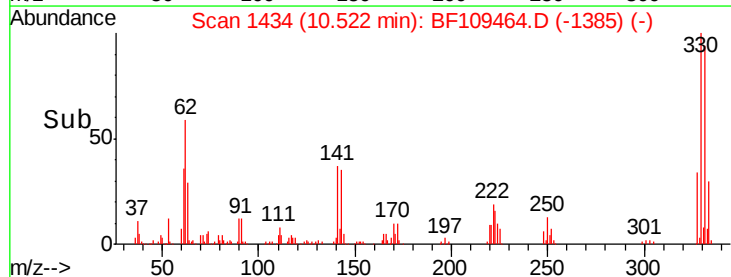
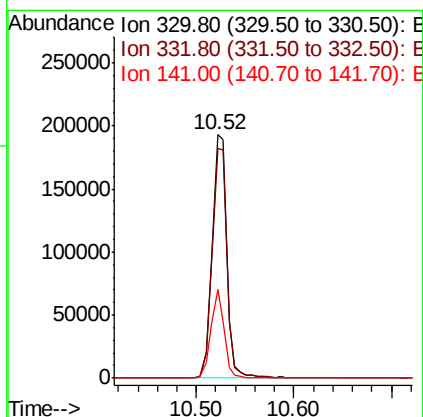
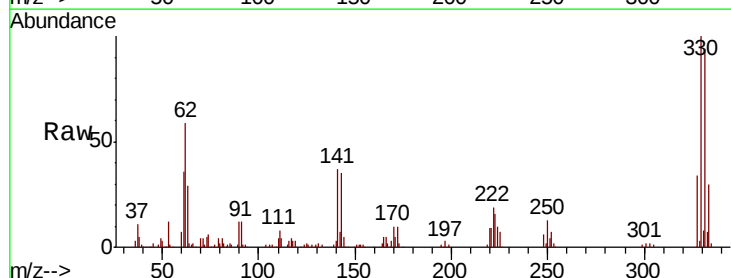
Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-D-S

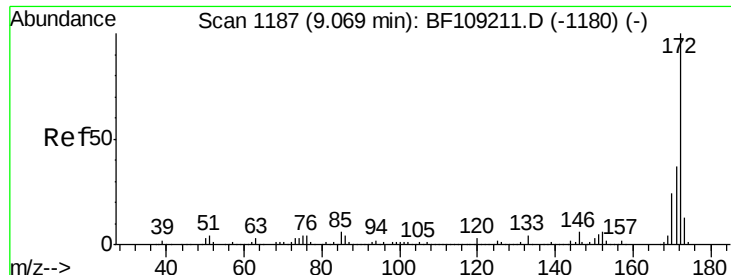
Tgt Ion:164 Resp: 220368
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 92.489 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

Tgt Ion:330 Resp: 200920
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 32.8 29.9 44.9

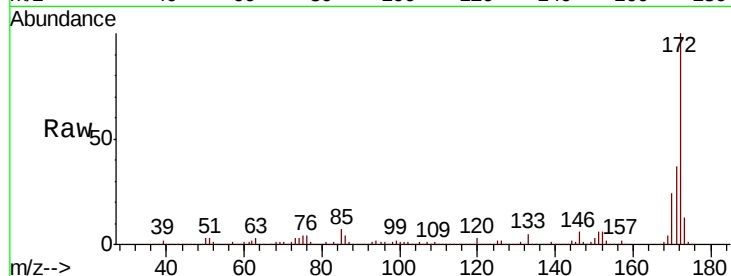




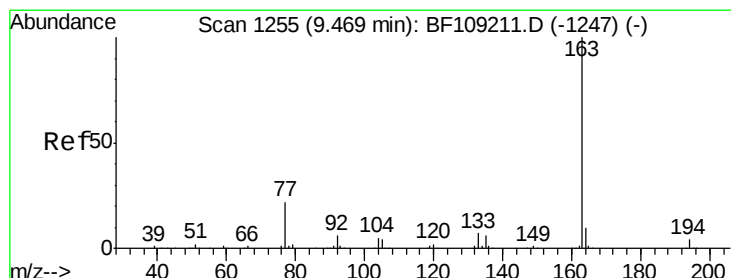
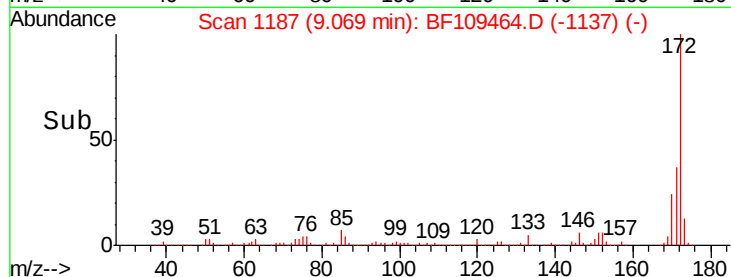
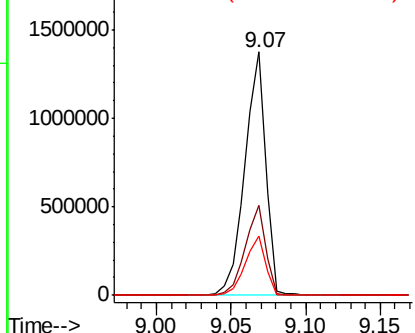
#44
 2-Fluorobiphenyl
 Concen: 91.384 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

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

Tgt Ion:172 Resp: 1335249
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.3 19.6 29.4

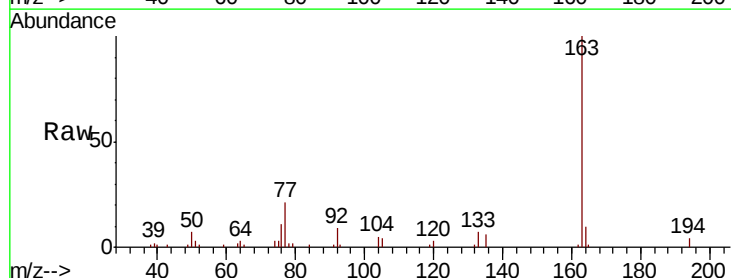


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

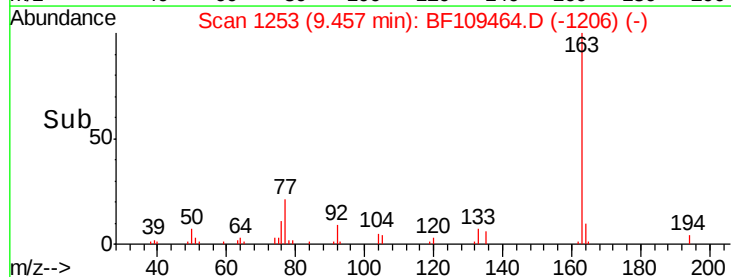
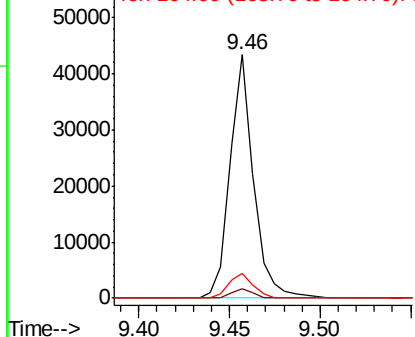


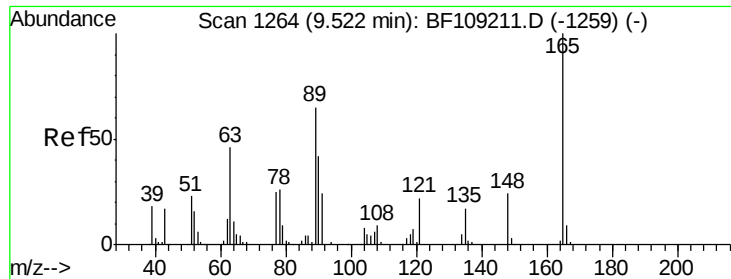
#49
 Dimethylphthalate
 Concen: 2.447 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

Tgt Ion:163 Resp: 39219
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.4 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

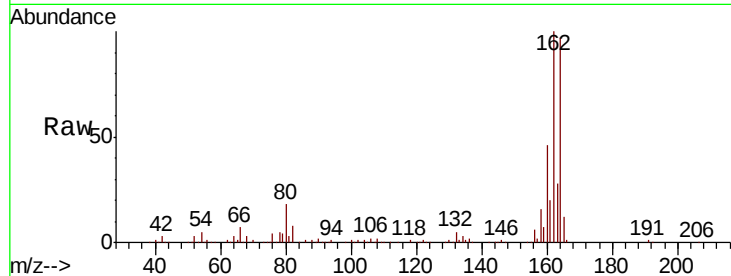




#50
 2,6-Dinitrotoluene
 Concen: 8.753 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

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

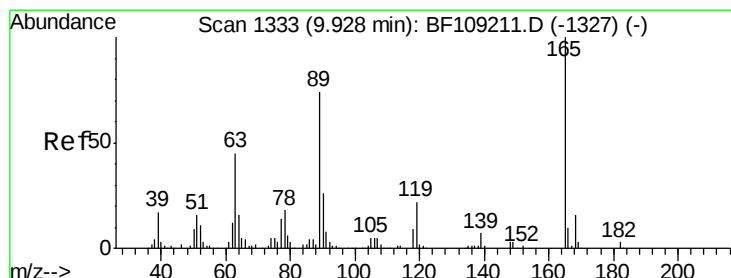
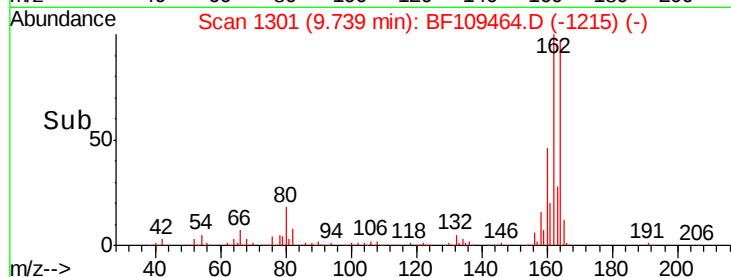
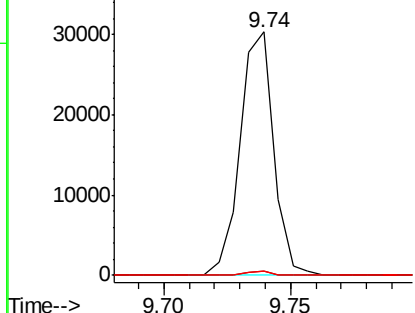
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.7	67.1#
89	1.7	44.0	66.0#



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: 6.918 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109464.D
 Acq: 29 Sep 2018 7:18

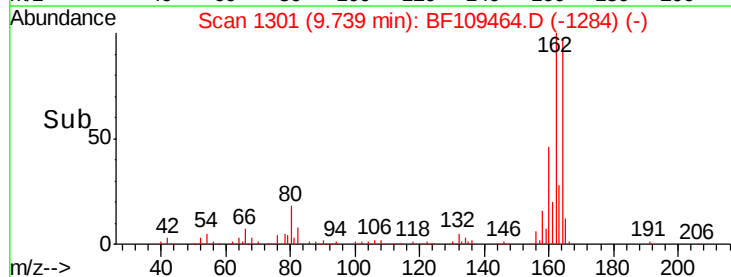
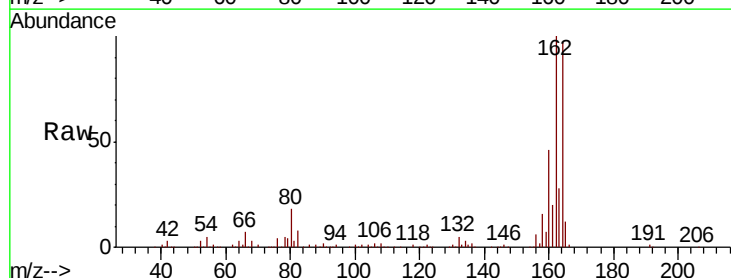
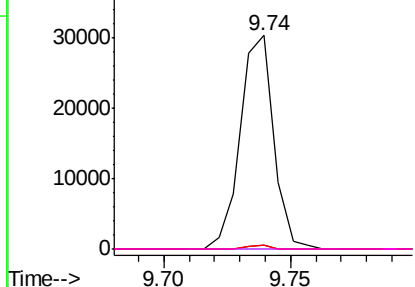
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

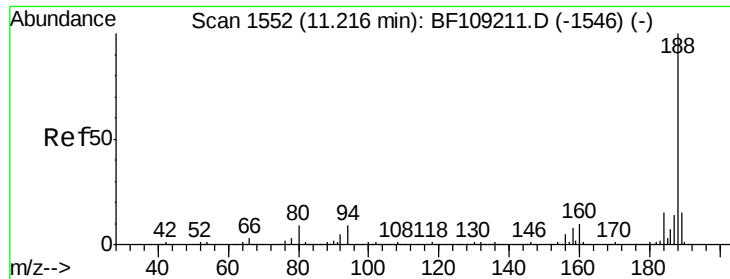
Abundance Ion 165.00 (164.70 to 165.70): E

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

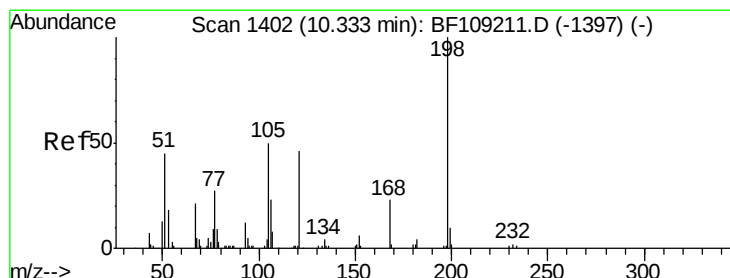
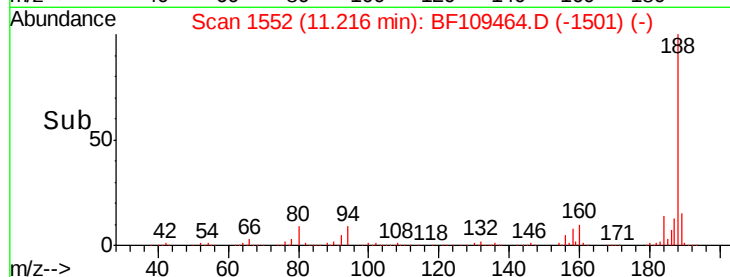
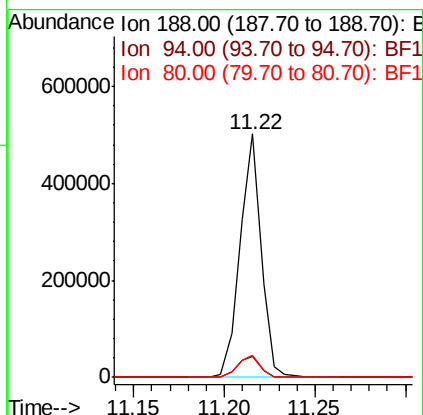
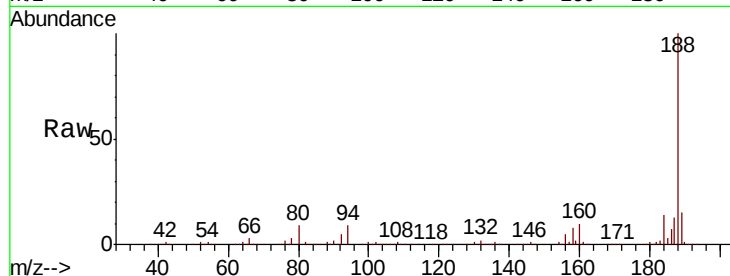




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

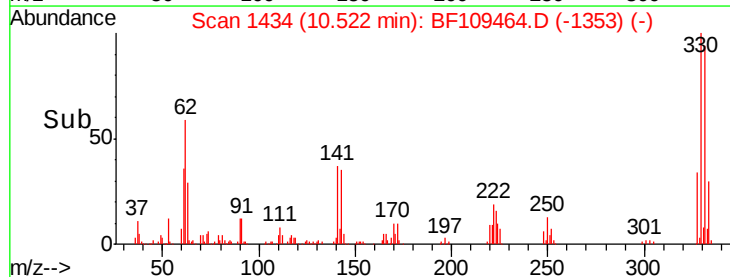
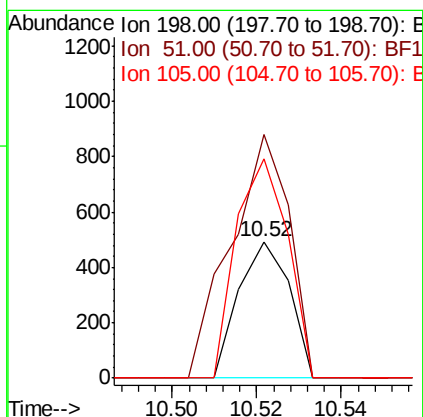
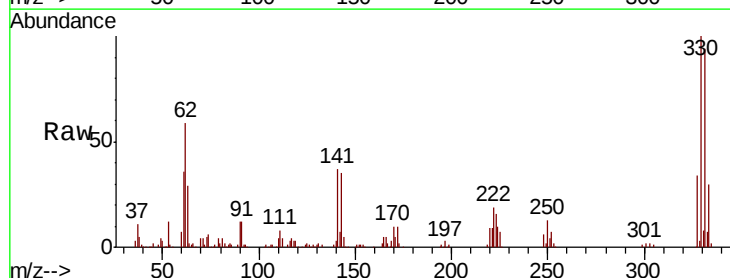
Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-D-S

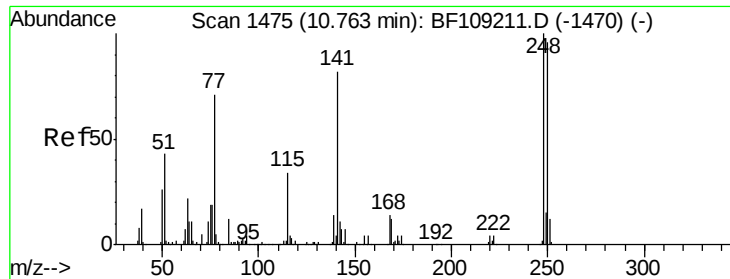
Tgt Ion:188 Resp: 408242
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.737 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

Tgt Ion:198 Resp: 411
Ion Ratio Lower Upper
198 100
51 178.7 37.7 77.7#
105 161.4 36.3 76.3#

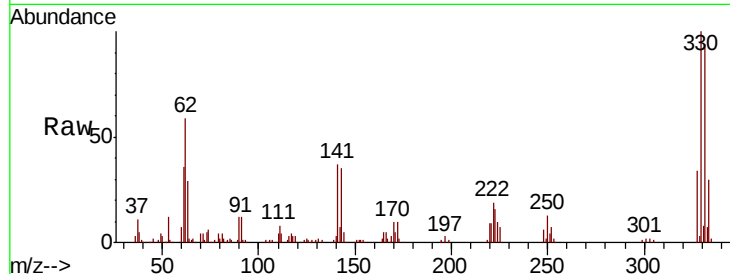




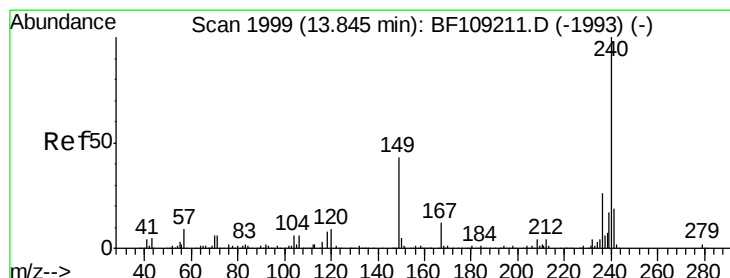
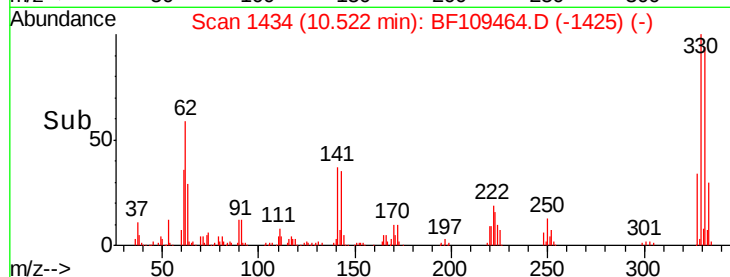
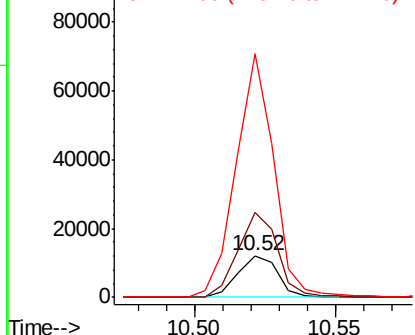
#66
4-Bromophenyl-phenylether
Concen: 2.589 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

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

Tgt Ion:248 Resp: 11736
Ion Ratio Lower Upper
248 100
250 204.2 76.9 115.3#
141 583.7 74.4 111.6#

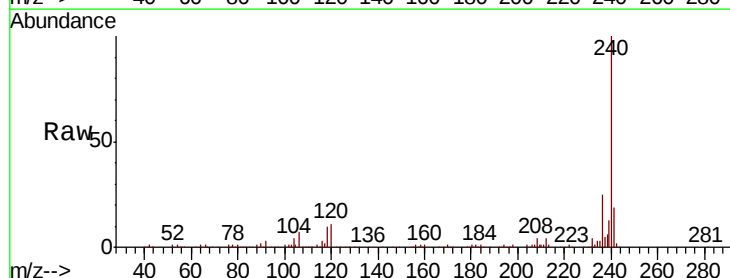


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

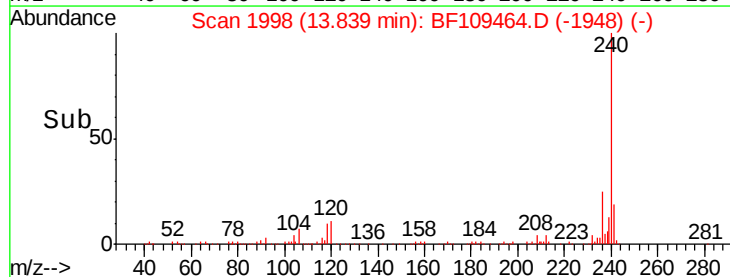
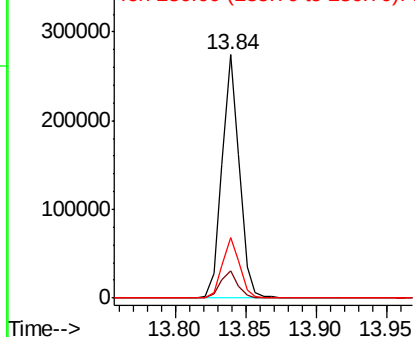


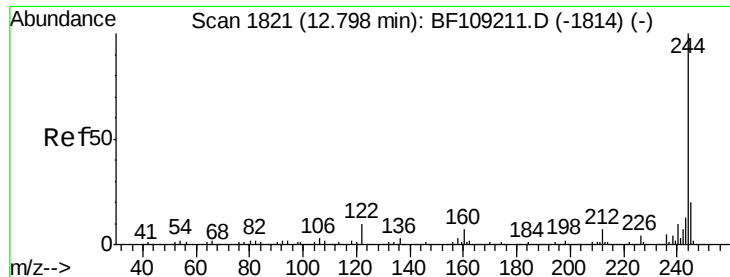
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109464.D
Acq: 29 Sep 2018 7:18

Tgt Ion:240 Resp: 235203
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 25.1 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: 123.356 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF109464.D

Acq: 29 Sep 2018 7:18

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-D-S

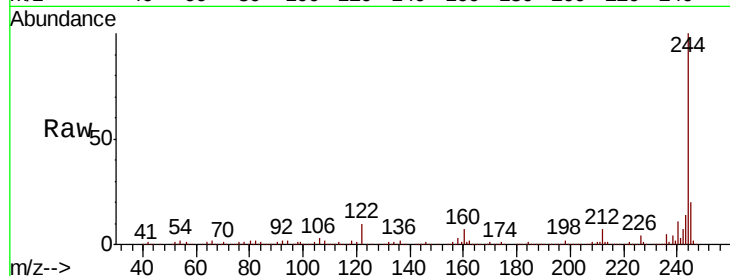
Tgt Ion:244 Resp: 1182228

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

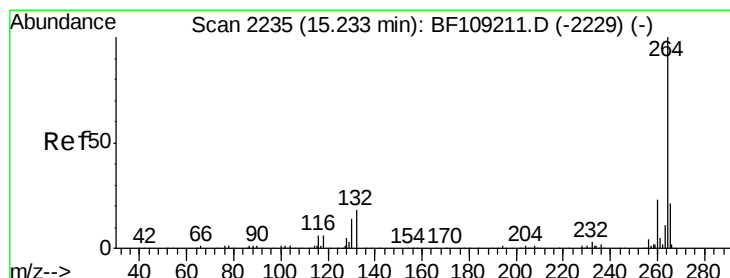
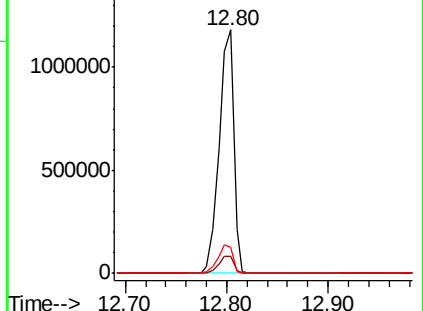
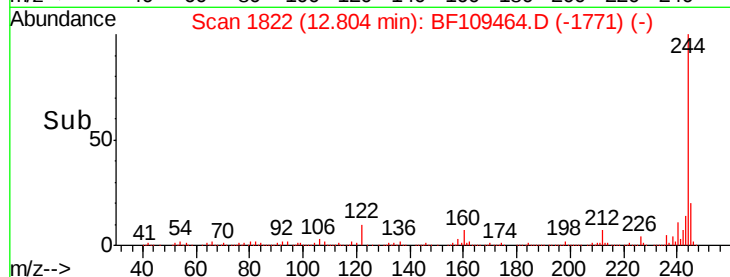
122 10.4 11.0 16.4#



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: BF109464.D

Acq: 29 Sep 2018 7:18

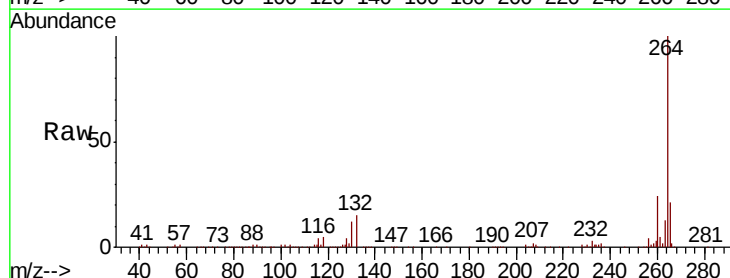
Tgt Ion:264 Resp: 231651

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 20.8 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

