

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
 Data File : BF109315.D
 Acq On : 26 Sep 2018 4:44
 Operator : JU/SJ
 Sample : J5052-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Sep 26 08:26:48 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	113293	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	415410	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	179277	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	292882	20.00	ng	0.00
75) Chrysene-d12	13.84	240	251090	20.00	ng	0.00
86) Perylene-d12	15.24	264	180876	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	294571	42.83	ng	0.00
7) Phenol-d6	6.34	99	234627	26.73	ng	-0.02
23) Nitrobenzene-d5	7.27	82	743461	105.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162131	91.74	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1234059	103.82	ng	0.00
78) Terphenyl-d14	12.80	244	1087660	106.31	ng	0.00

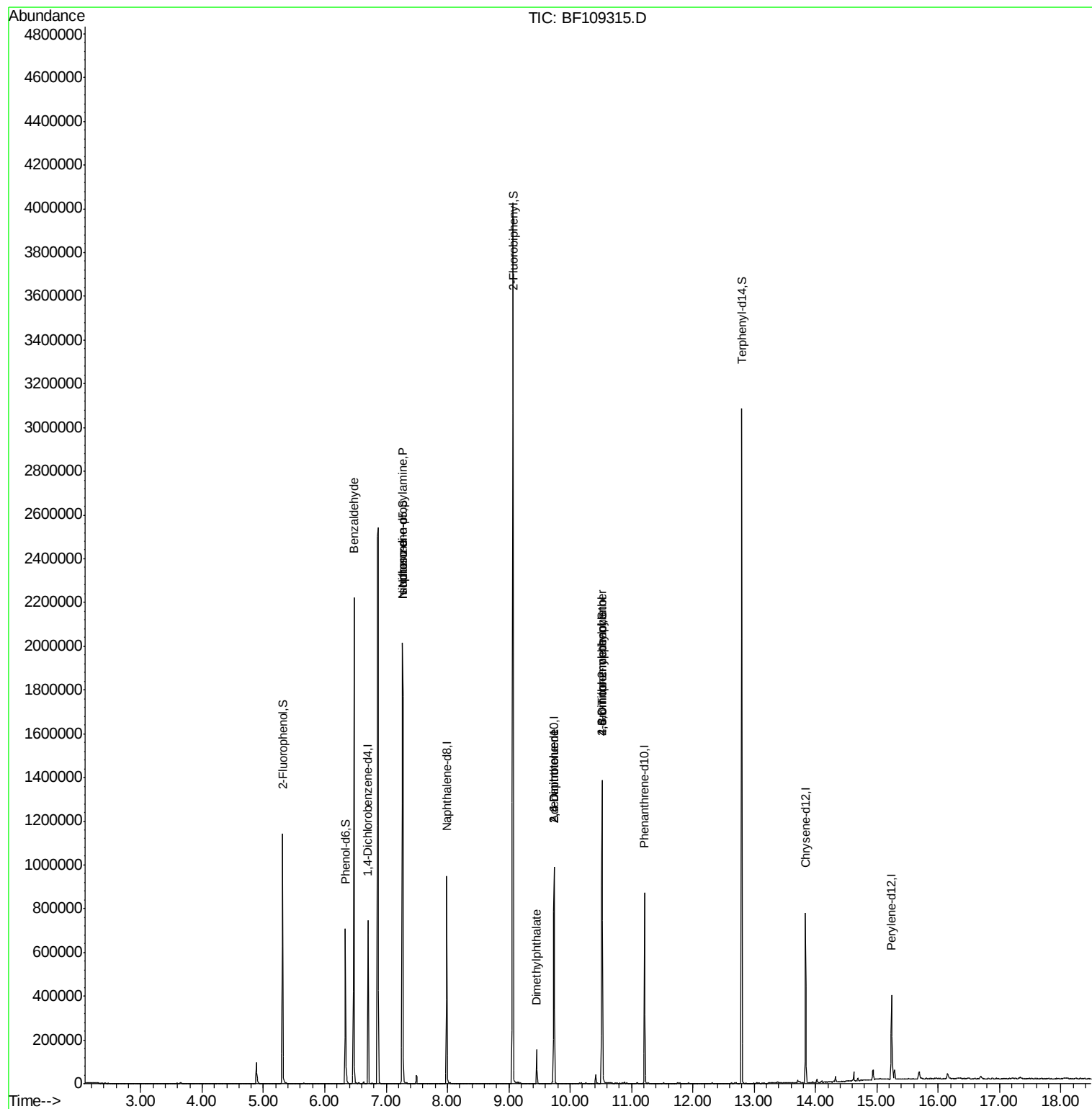
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12503	2.217	ng	# 73
19) n-Nitroso-di-n-propylamine	7.27	70	101853	17.710	ng	# 78
25) Isophorone	7.27	82	717384	56.612	ng	# 64
49) Dimethylphthalate	9.46	163	60049	4.605	ng	# 99
50) 2,6-Dinitrotoluene	9.74	165	23319	9.030	ng	# 25
56) 2,4-Dinitrotoluene	9.74	165	23319	7.136	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	178	6.651	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10016	3.080	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092518\
Data File : BF109315.D
Acq On : 26 Sep 2018 4:44
Operator : JU/SJ
Sample : J5052-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

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

Quant Time: Sep 26 08:26:48 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

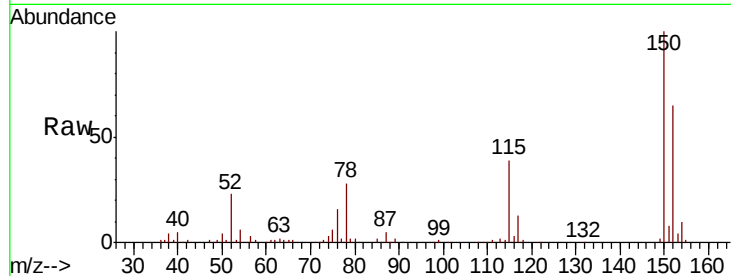




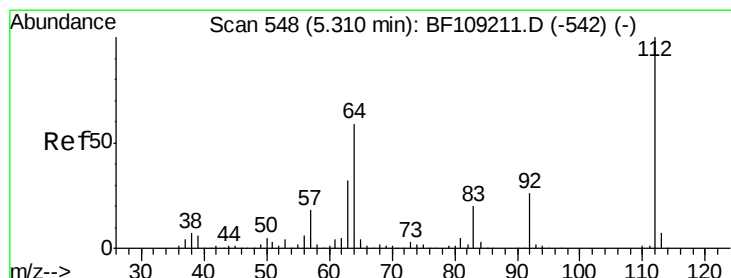
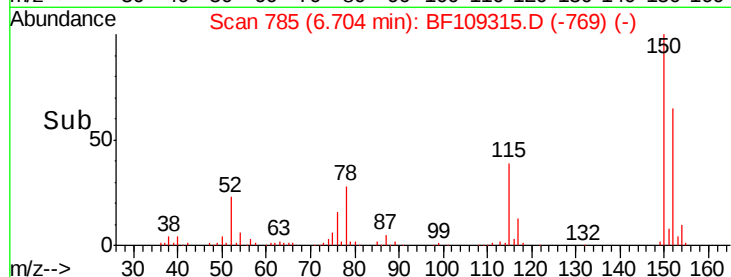
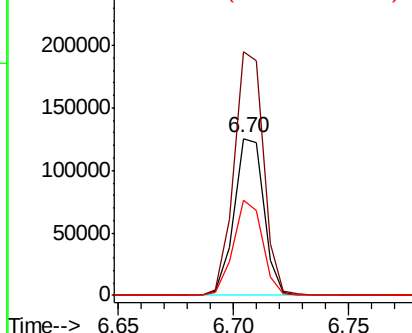
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

Tgt Ion:152 Resp: 113293
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 60.5 50.1 75.1

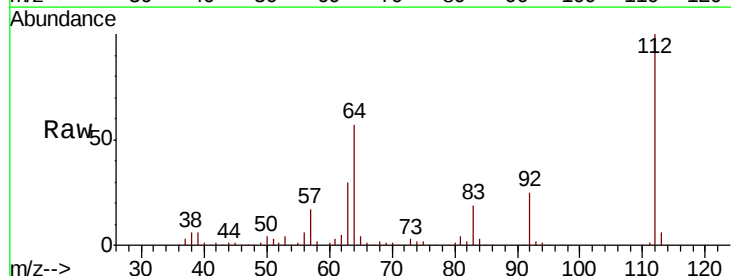


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

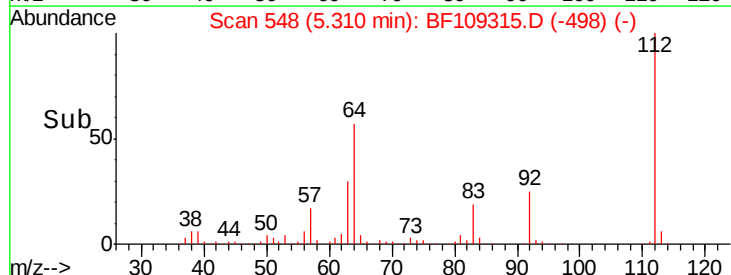
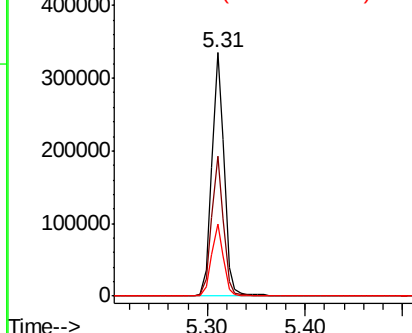


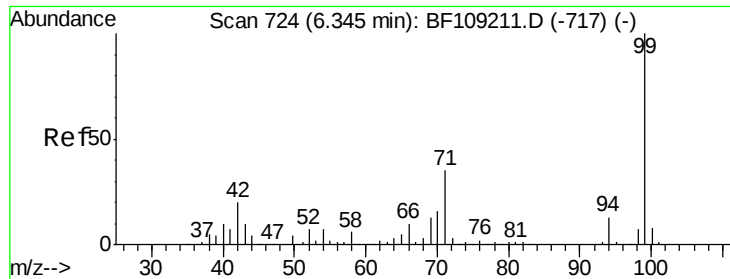
#5
 2-Fluorophenol
 Concen: 42.825 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

Tgt Ion:112 Resp: 294571
 Ion Ratio Lower Upper
 112 100
 64 57.4 47.9 71.9
 63 29.9 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: 26.732 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109315.D

Acq: 26 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-U-S

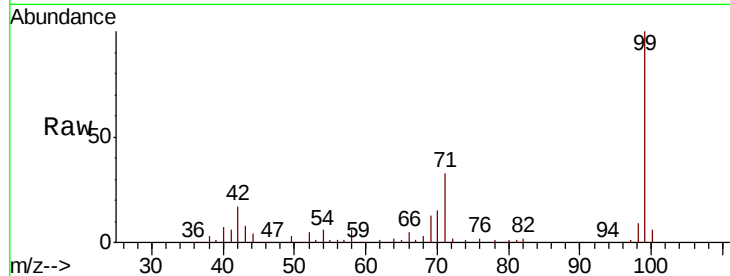
Tgt Ion: 99 Resp: 234627

Ion Ratio Lower Upper

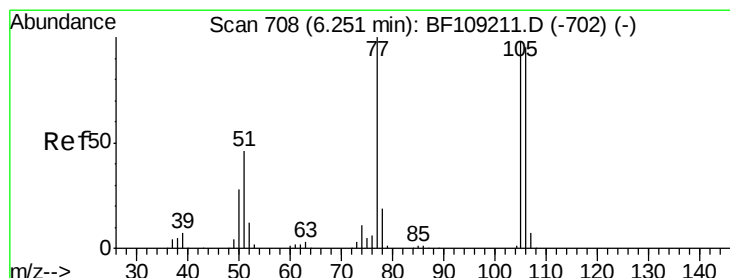
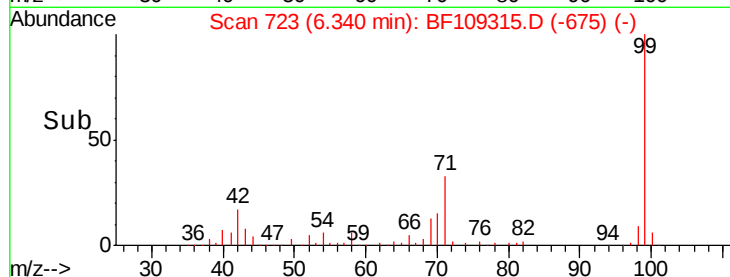
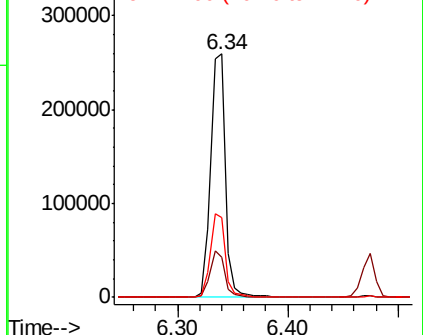
99 100

42 16.5 14.5 21.7

71 32.9 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: 2.217 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109315.D

Acq: 26 Sep 2018 4:44

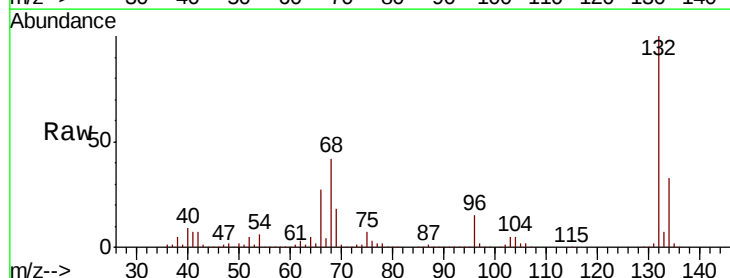
Tgt Ion: 77 Resp: 12503

Ion Ratio Lower Upper

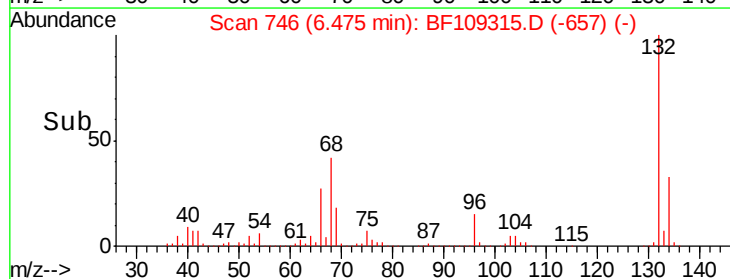
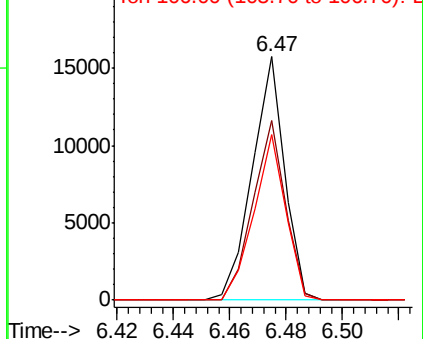
77 100

105 74.0 81.1 121.1#

106 68.0 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

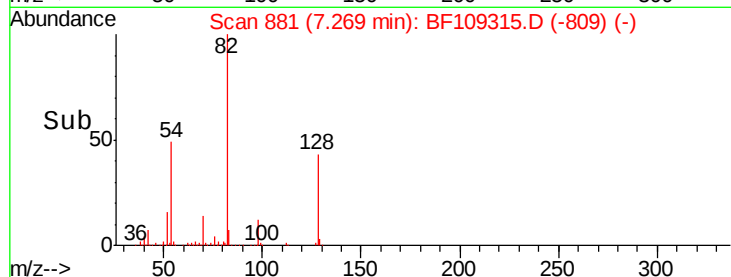
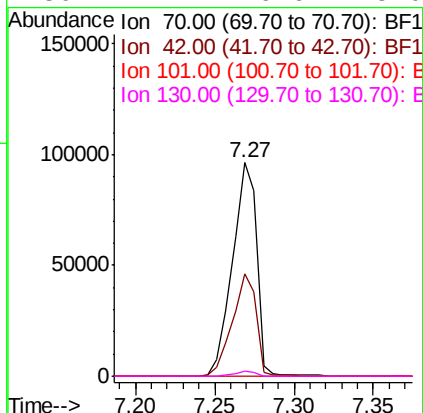
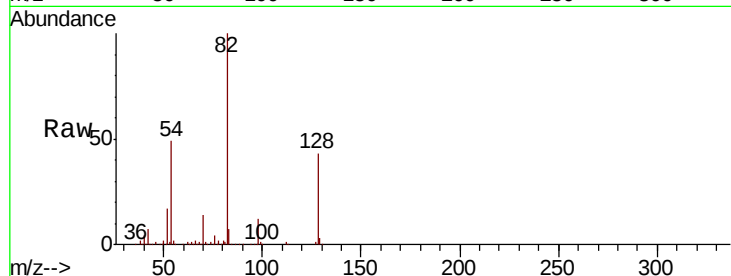




#19
n-Nitroso-di-n-propylamine
Concen: 17.710 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

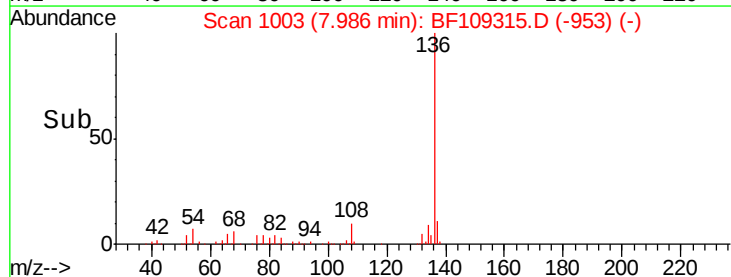
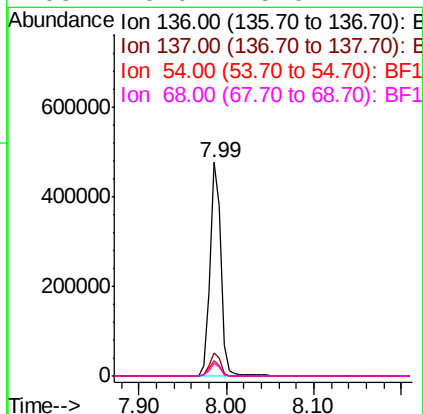
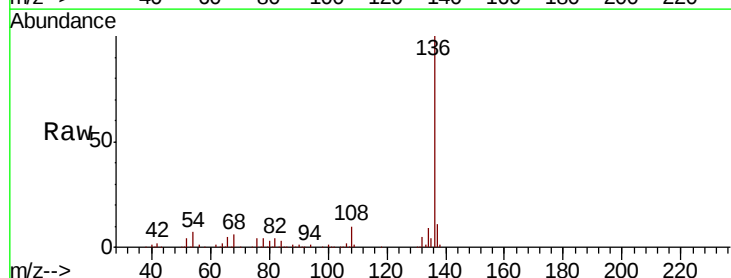
Instrument :
BNA_F
ClientSampleId :
092018-JETT-F-U-S

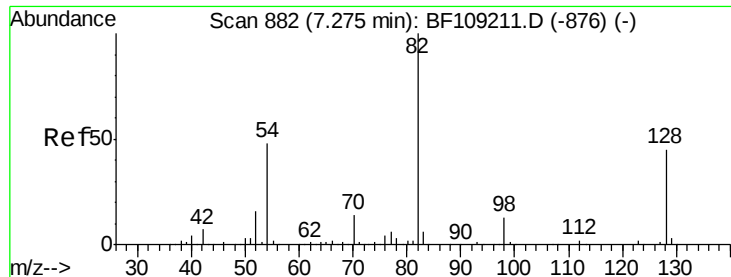
Tgt Ion: 70 Resp: 101853
Ion Ratio Lower Upper
70 100
42 47.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

Tgt Ion: 136 Resp: 415410
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.2 6.6 9.8
68 6.0 5.0 7.4

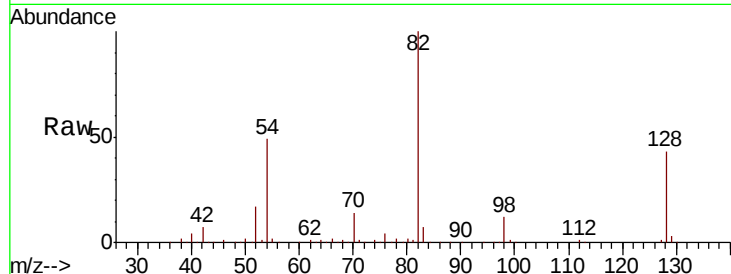




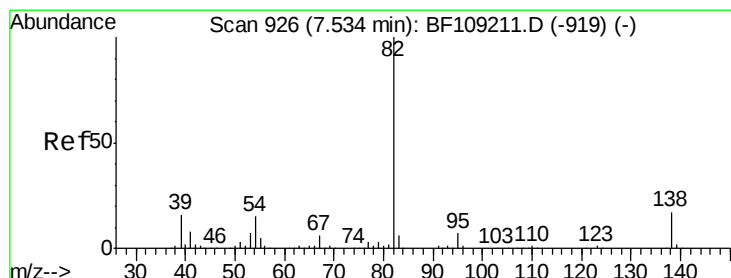
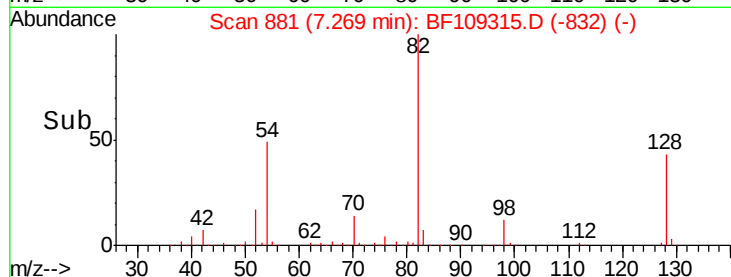
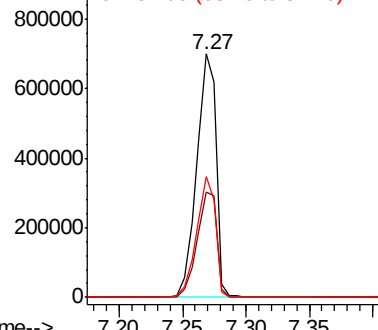
#23
 Nitrobenzene-d5
 Concen: 105.649 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	49.5	41.4	62.2

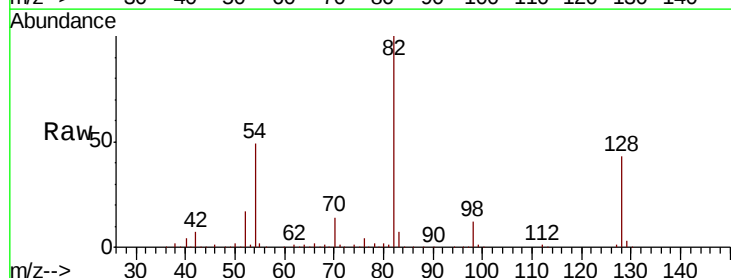


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

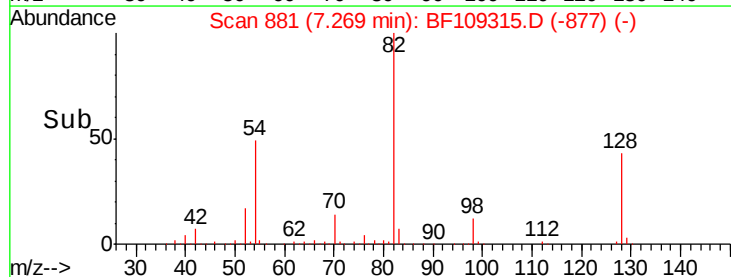
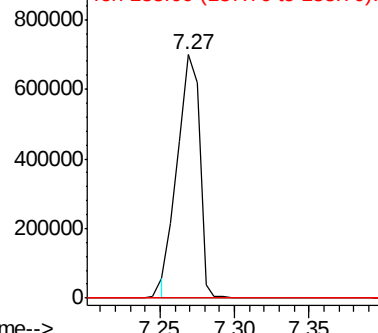


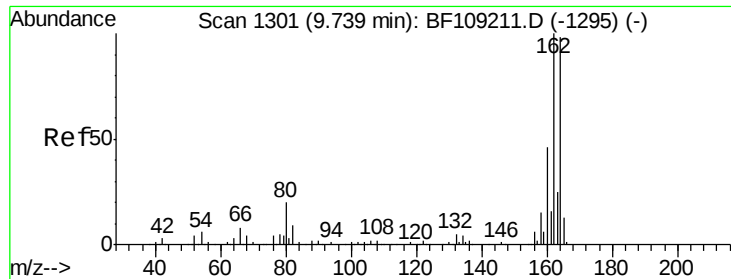
#25
 Isophorone
 Concen: 56.612 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.28 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

Tgt 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

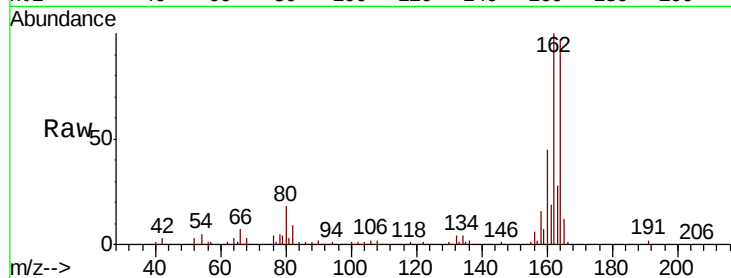




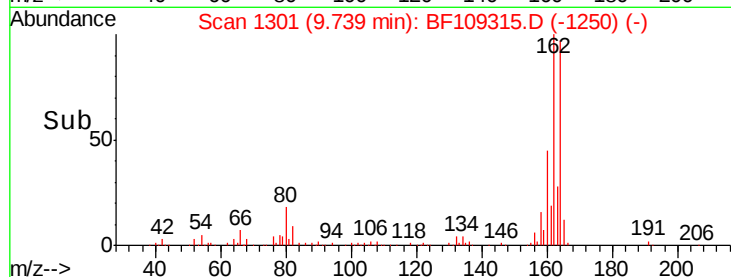
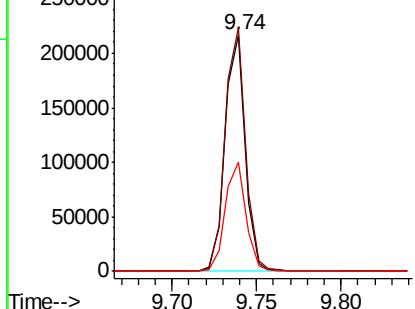
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

Tgt Ion:164 Resp: 179277
 Ion Ratio Lower Upper
 164 100
 162 103.0 86.1 129.1
 160 46.3 38.3 57.5

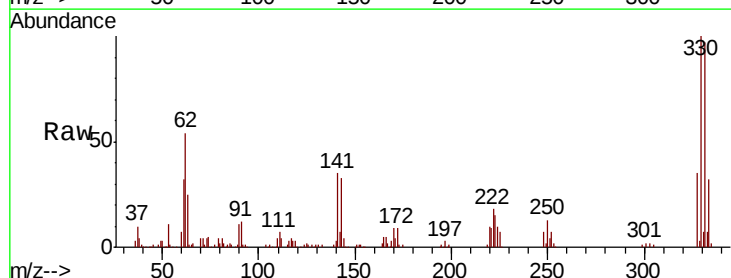


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

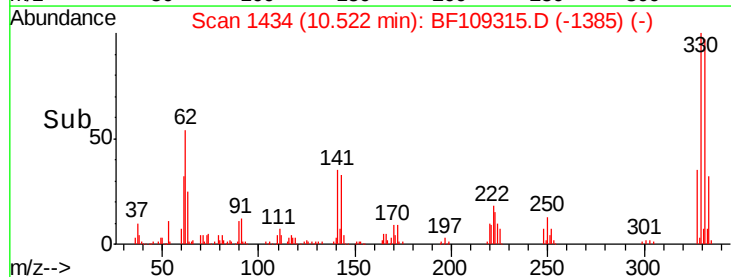
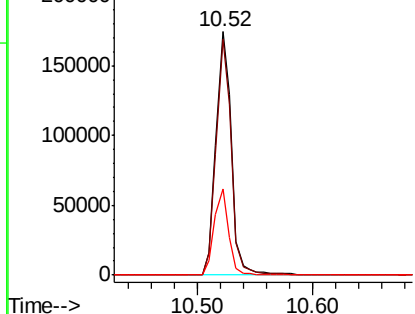


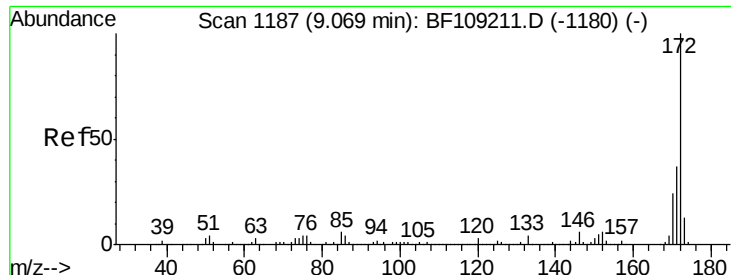
#41
 2,4,6-Tribromophenol
 Concen: 91.739 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

Tgt Ion:330 Resp: 162131
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.1 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

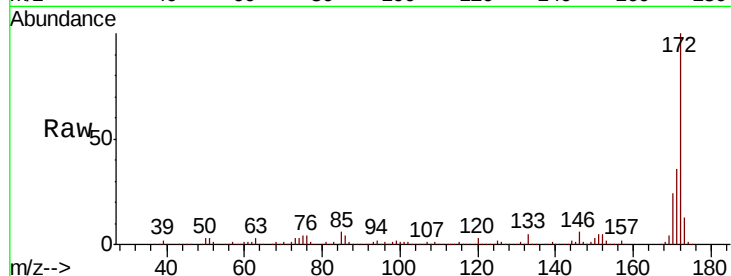




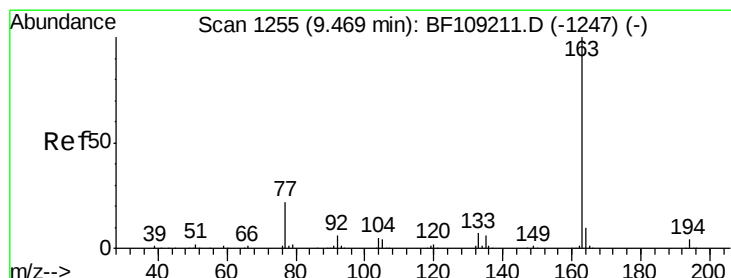
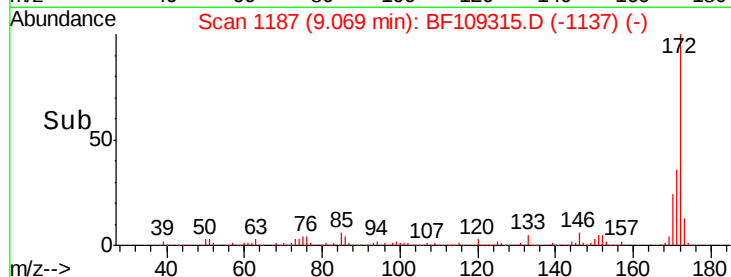
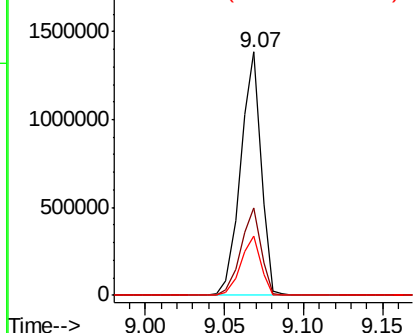
#44
2-Fluorobiphenyl
Concen: 103.817 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

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

Tgt Ion:172 Resp: 1234059
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.3 19.6 29.4

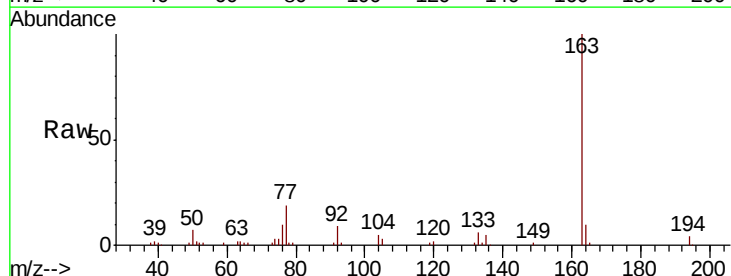


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

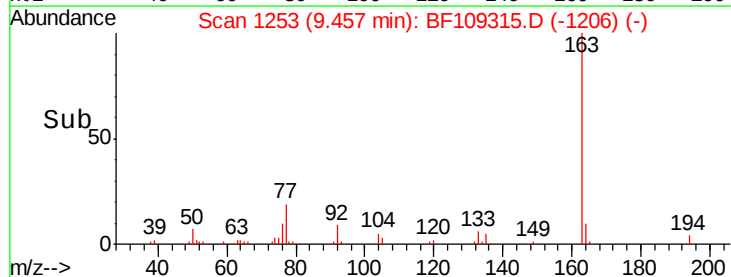
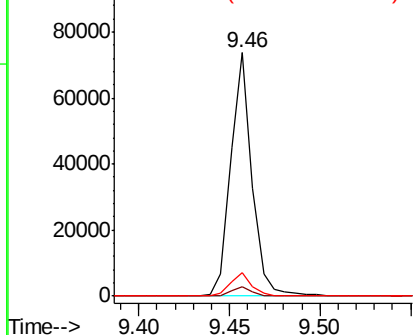


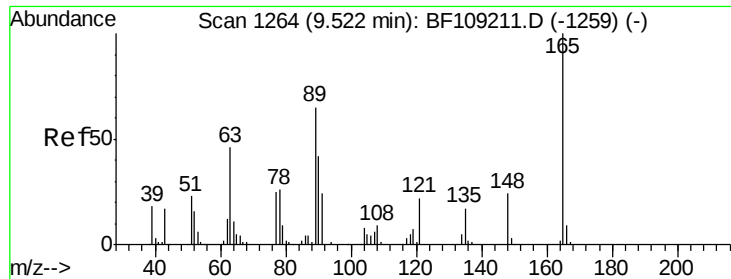
#49
Dimethylphthalate
Concen: 4.605 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

Tgt Ion:163 Resp: 60049
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.7 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

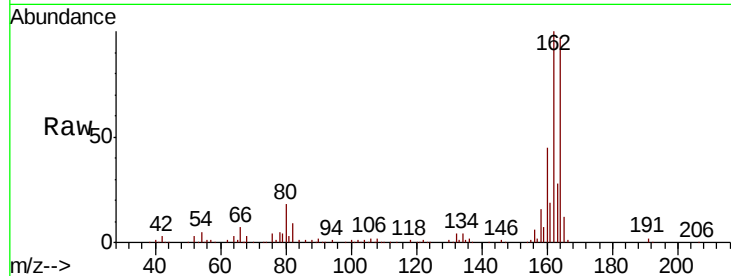




#50
 2,6-Dinitrotoluene
 Concen: 9.030 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.21 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

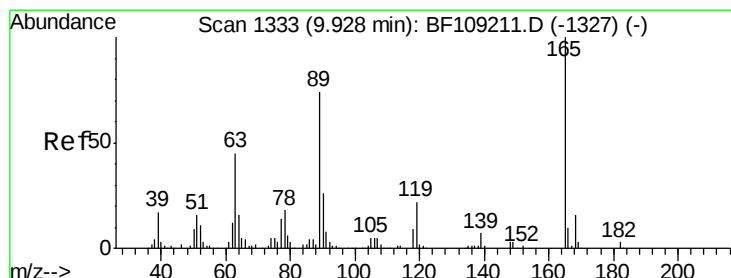
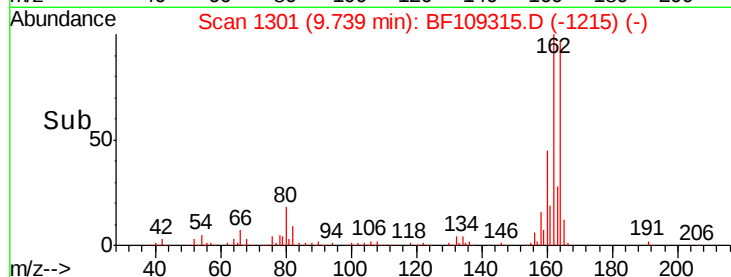
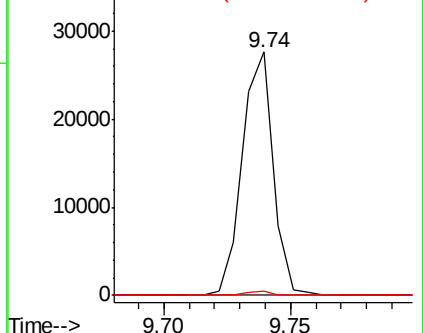
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

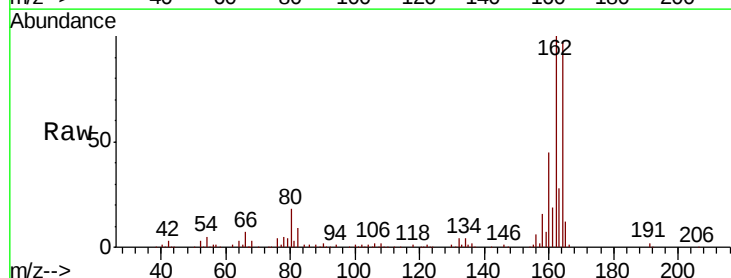
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 7.136 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

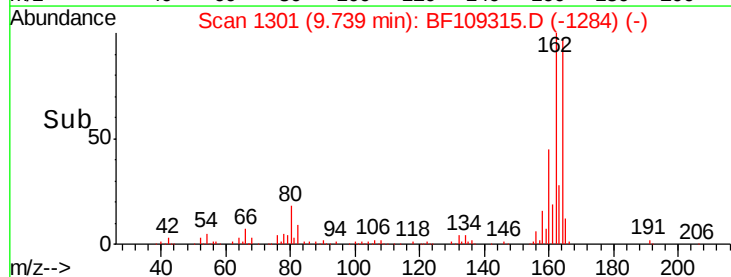
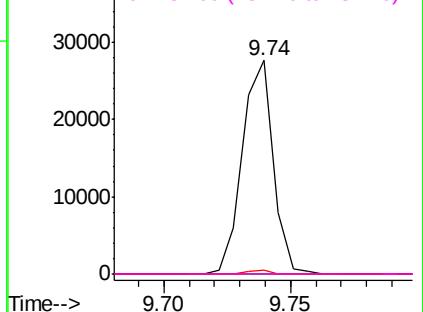


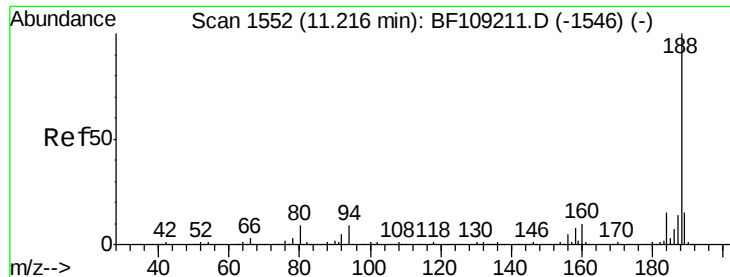
Abundance Ion 165.00 (164.70 to 165.70): E

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

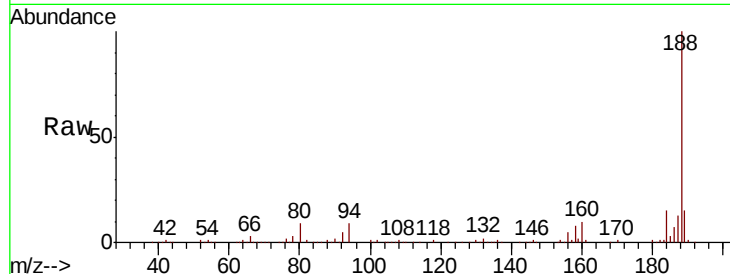




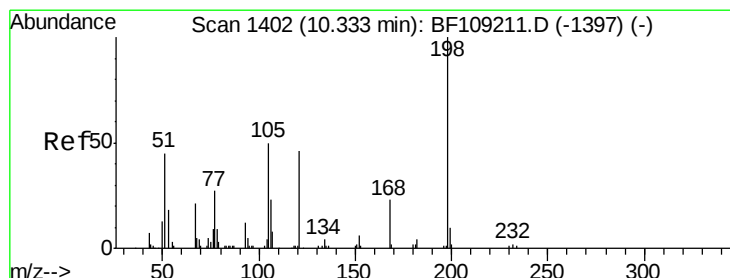
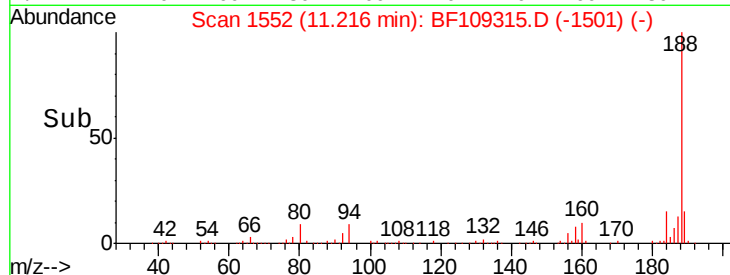
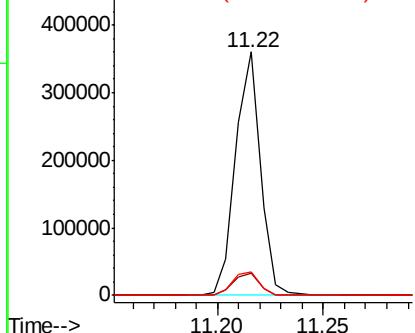
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	292882		
94	8.9		8.5	12.7
80	9.4		9.2	13.8

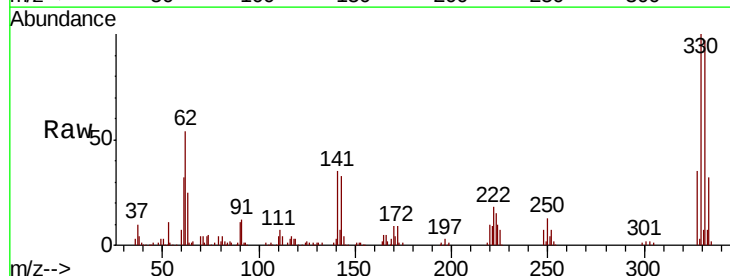


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

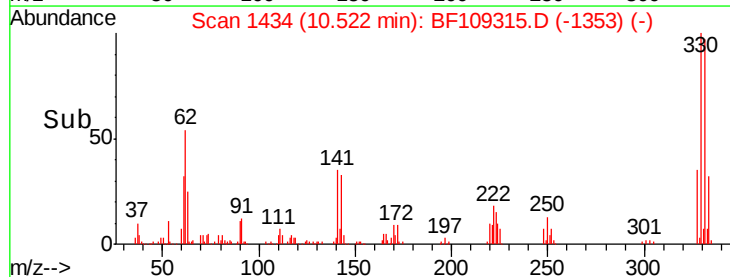
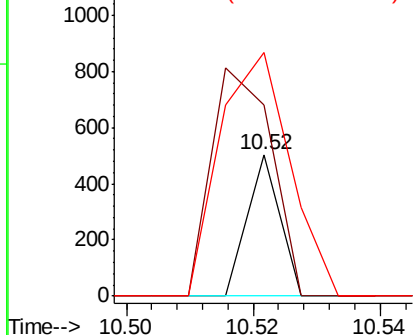


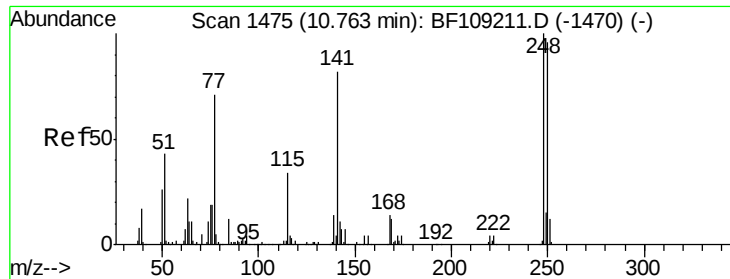
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.651 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109315.D
 Acq: 26 Sep 2018 4:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	178		
51	135.5		37.7	77.7#
105	172.0		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

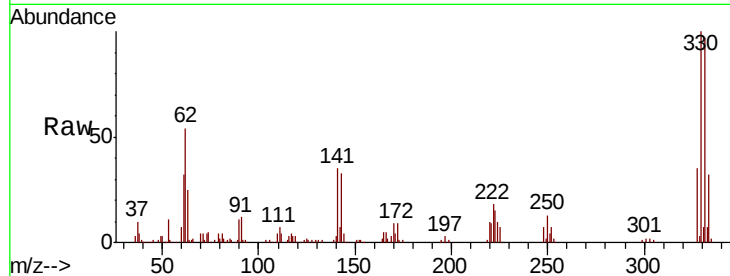




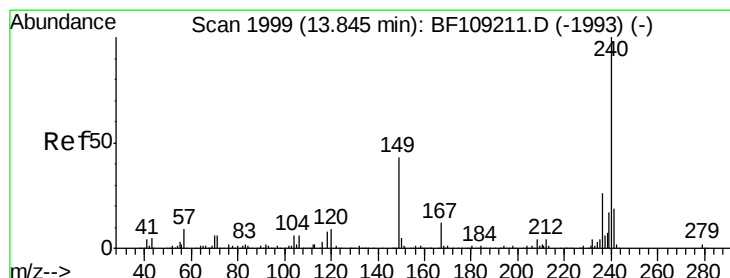
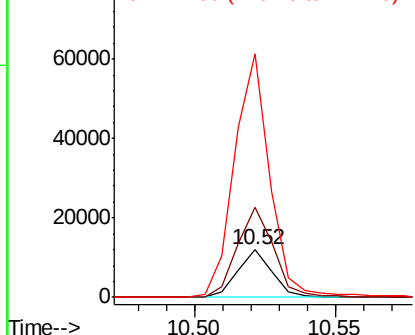
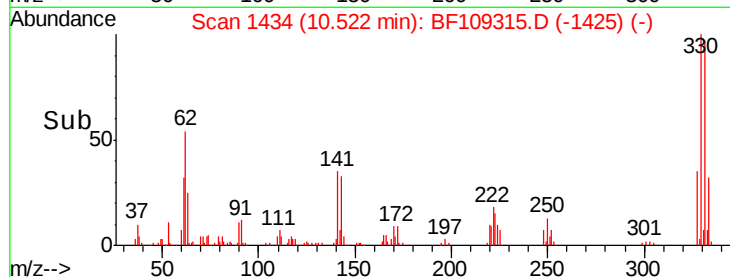
#66
4-Bromophenyl-phenylether
Concen: 3.080 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

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

Tgt Ion:248 Resp: 10016
Ion Ratio Lower Upper
248 100
250 188.8 76.9 115.3#
141 513.9 74.4 111.6#

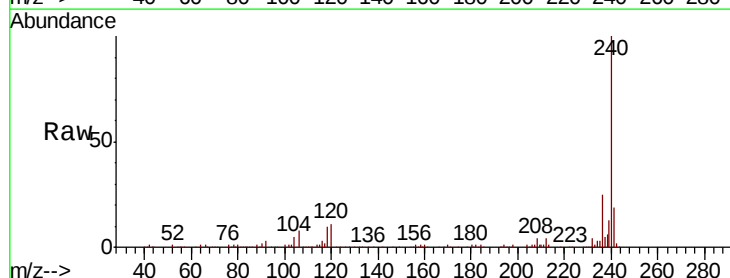


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

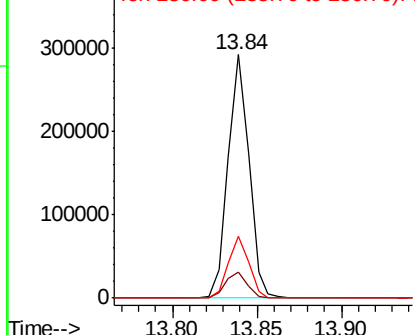
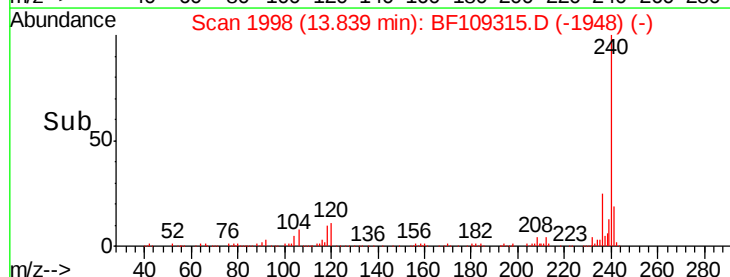


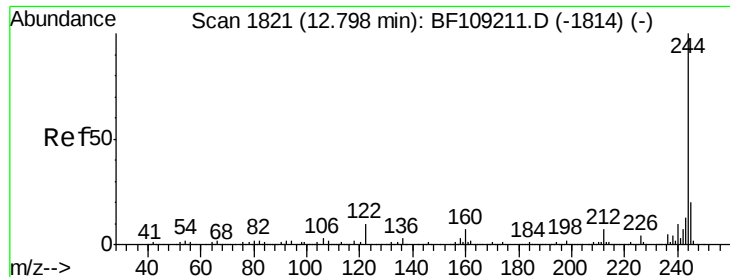
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109315.D
Acq: 26 Sep 2018 4:44

Tgt Ion:240 Resp: 251090
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.2 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





#78

Terphenyl-d14

Concen: 106.308 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109315.D

Acq: 26 Sep 2018 4:44

Instrument :

BNA_F

ClientSampleId :

092018-JETT-F-U-S

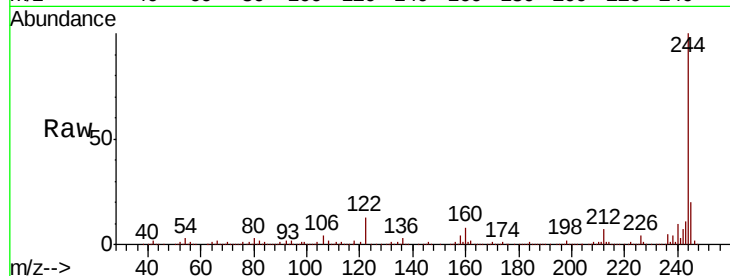
Tgt Ion:244 Resp: 1087660

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

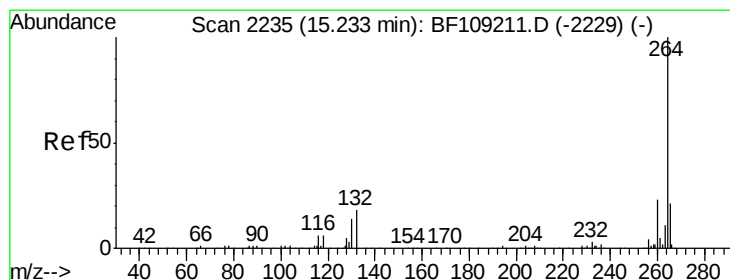
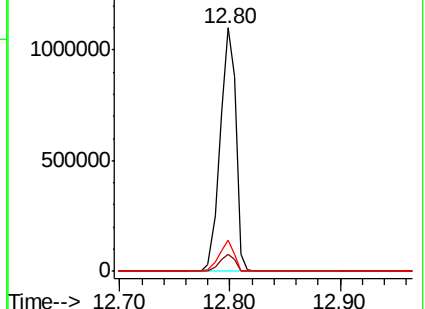
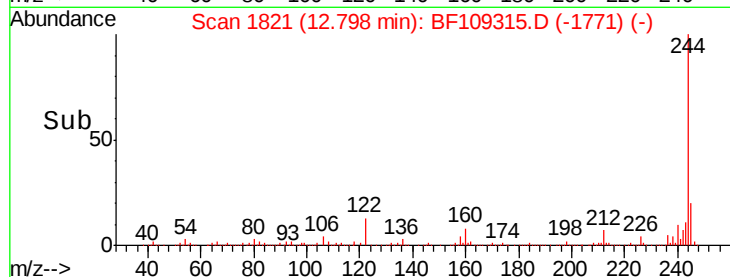
122 12.7 11.0 16.4



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: BF109315.D

Acq: 26 Sep 2018 4:44

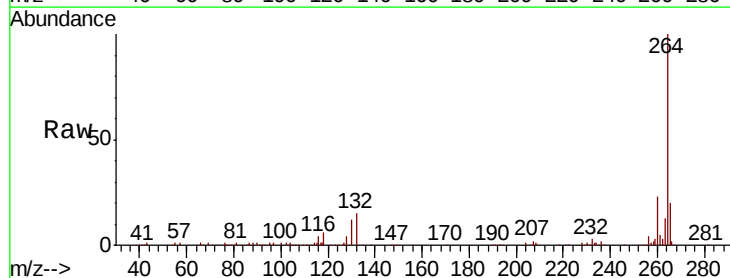
Tgt Ion:264 Resp: 180876

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 20.1 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

