

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100218\
 Data File : BF109524.D
 Acq On : 3 Oct 2018 2:18
 Operator : JU/SJ
 Sample : J5187-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-S

Quant Time: Oct 03 03:11:24 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

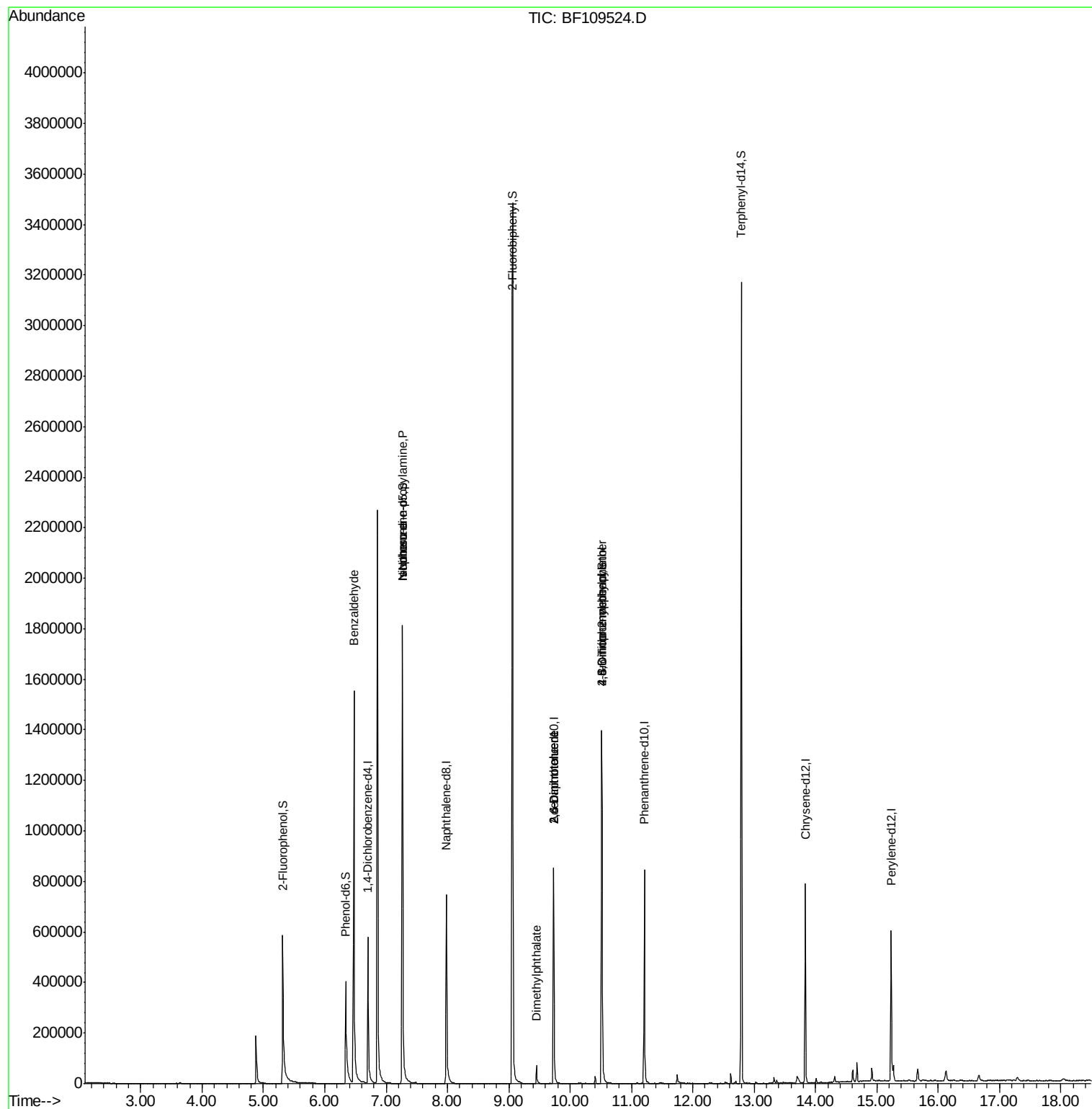
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	111592	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	428439	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	195159	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	354697	20.00	ng	0.00
75) Chrysene-d12	13.83	240	271199	20.00	ng	-0.01
86) Perylene-d12	15.23	264	283033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	270461	39.92	ng	0.00
7) Phenol-d6	6.34	99	209544	24.24	ng	-0.02
23) Nitrobenzene-d5	7.27	82	736204	101.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	192514	100.07	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1284774	99.29	ng	-0.01
78) Terphenyl-d14	12.79	244	1127393	102.02	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.47	77	12051	2.170	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	97820	17.268	ng	# 76
25) Isophorone	7.27	82	723753	55.378	ng	# 64
49) Dimethylphthalate	9.45	163	38207	2.692	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	24626	8.760	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	24626	6.923	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	281	6.691	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	11130	2.826	ng	# 1

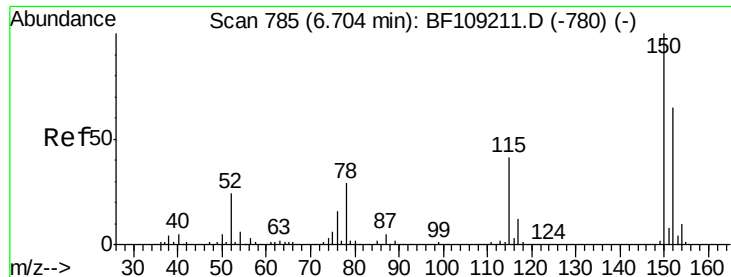
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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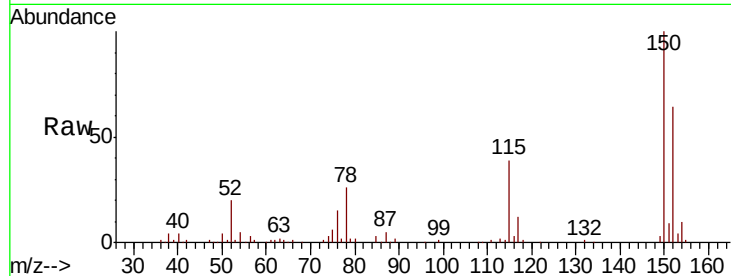




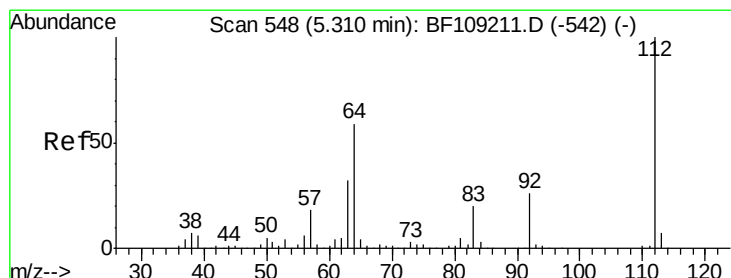
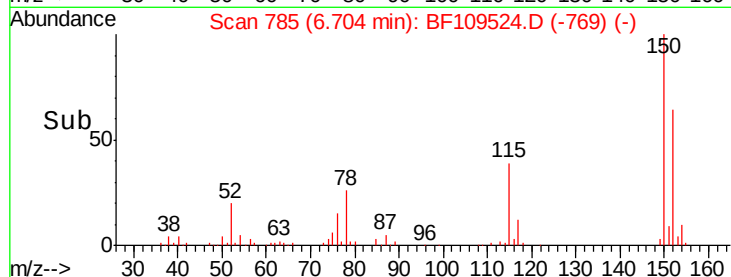
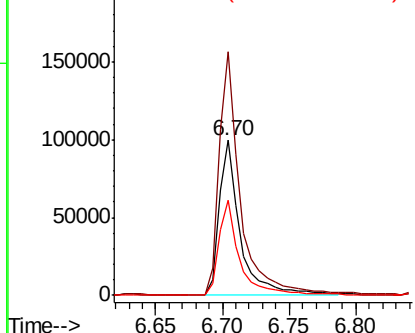
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109524.D
 Acq: 3 Oct 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-S

Tgt Ion:152 Resp: 111592
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.6 186.8
 115 61.3 50.1 75.1

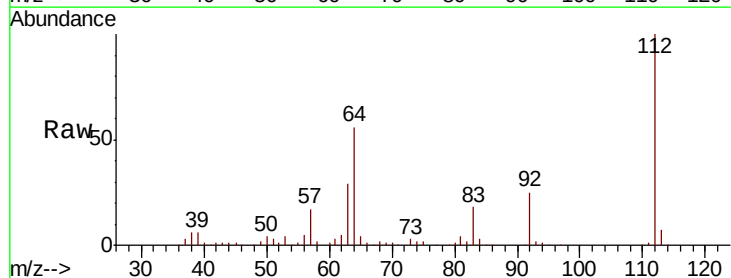


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

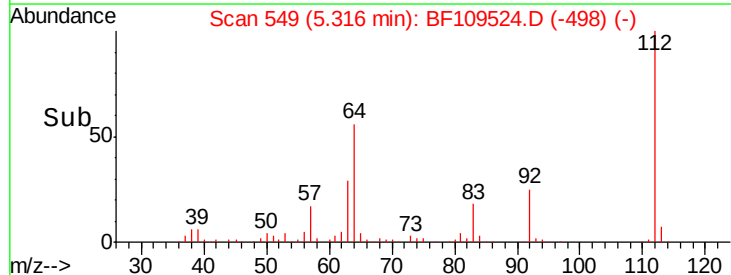
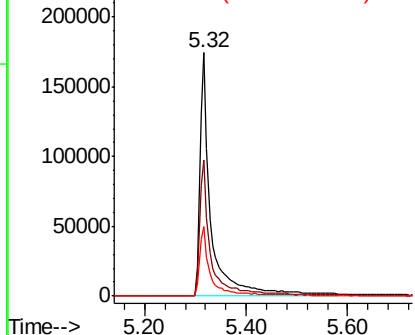


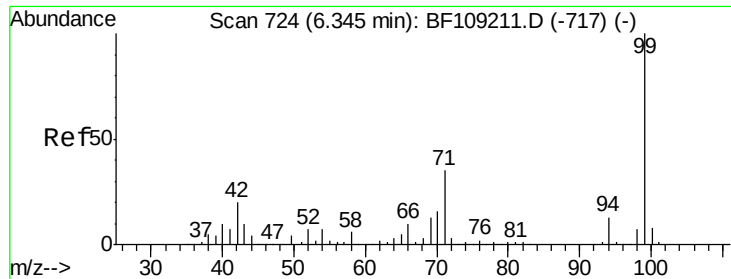
#5
 2-Fluorophenol
 Concen: 39.920 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109524.D
 Acq: 3 Oct 2018 2:18

Tgt Ion:112 Resp: 270461
 Ion Ratio Lower Upper
 112 100
 64 56.0 47.9 71.9
 63 28.8 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: 24.238 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-S

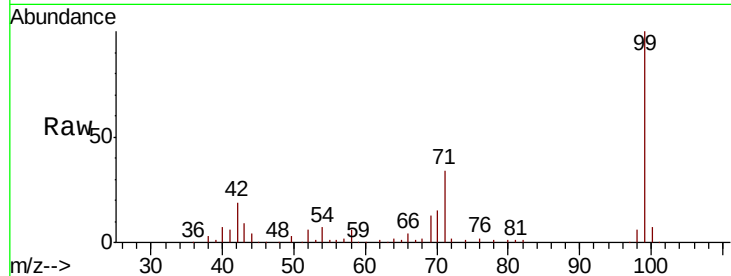
Tgt Ion: 99 Resp: 209544

Ion Ratio Lower Upper

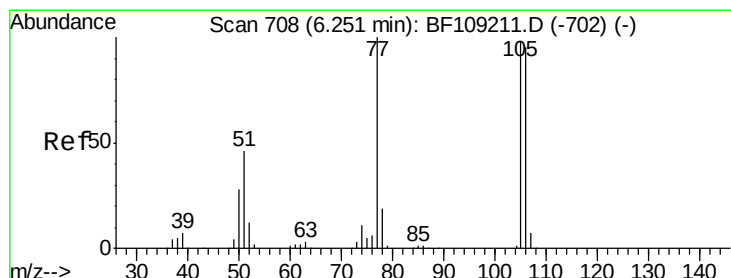
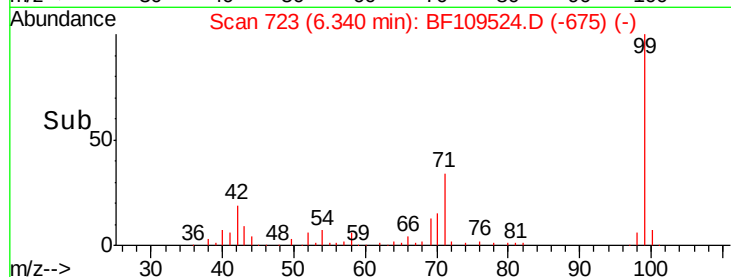
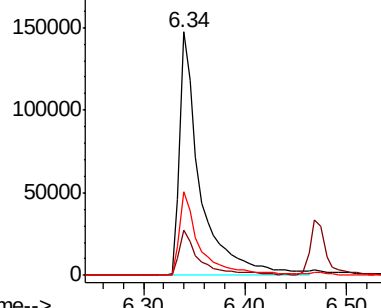
99 100

42 18.5 14.5 21.7

71 34.4 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: 2.170 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

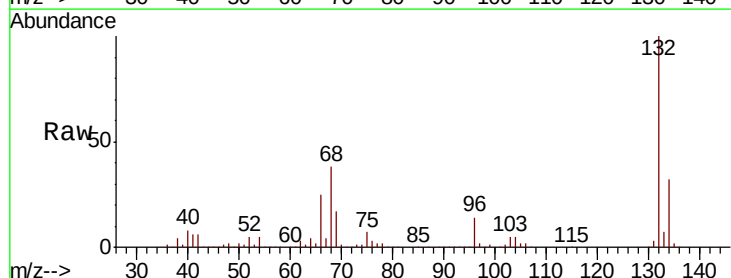
Tgt Ion: 77 Resp: 12051

Ion Ratio Lower Upper

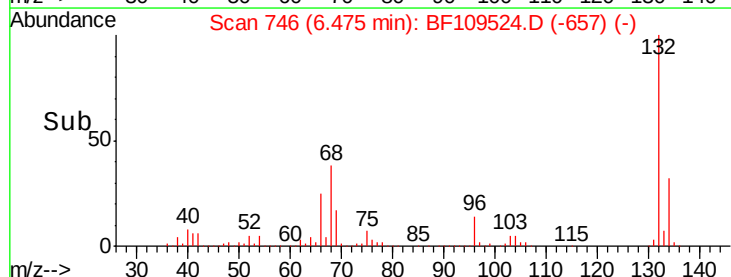
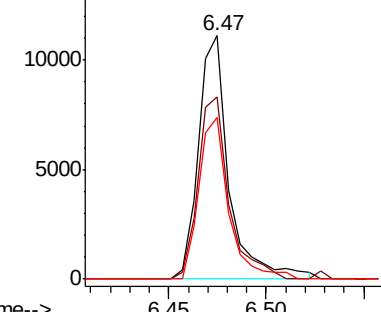
77 100

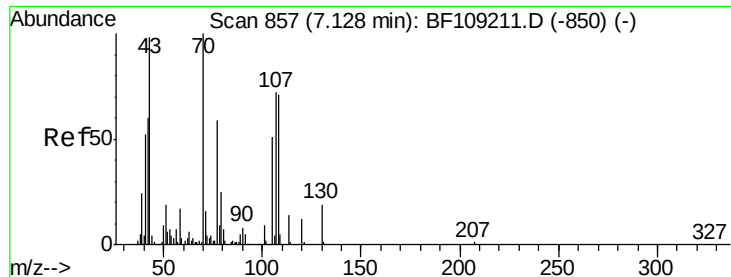
105 74.6 81.1 121.1#

106 66.4 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

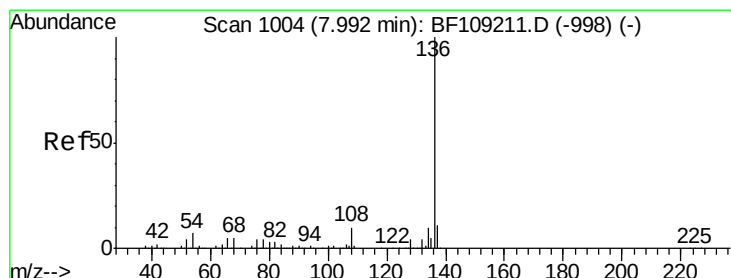
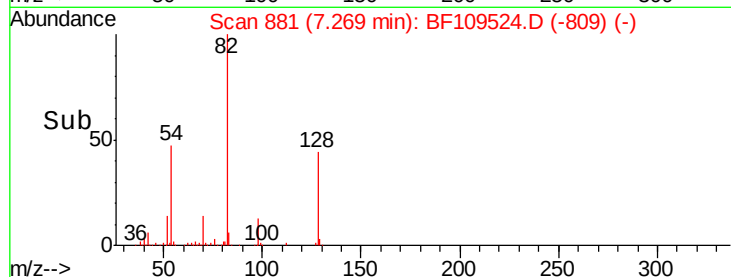
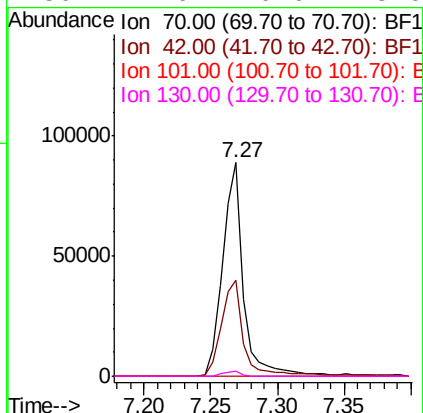
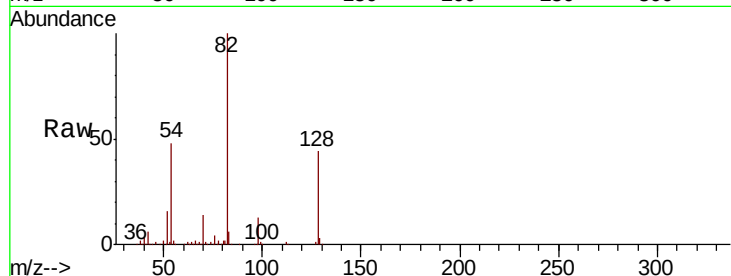




#19
n-Nitroso-di-n-propylamine
Concen: 17.268 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

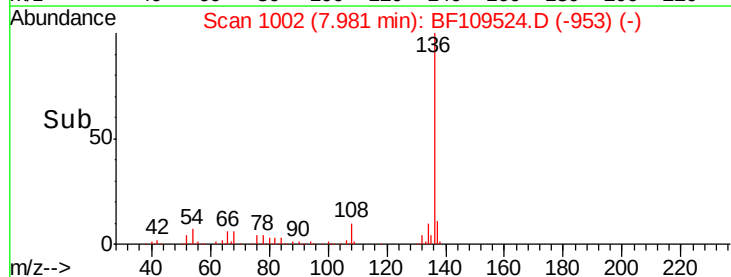
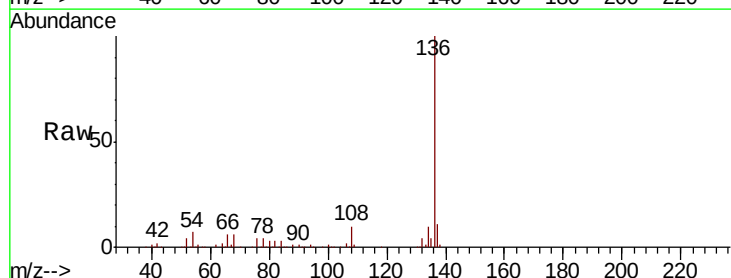
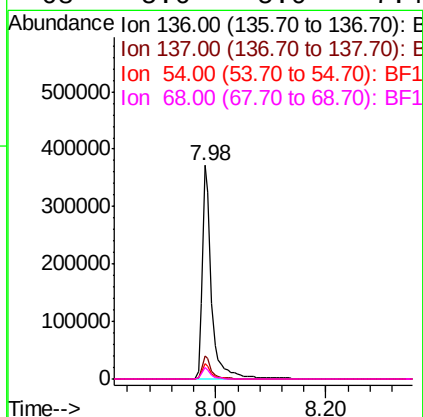
Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-S

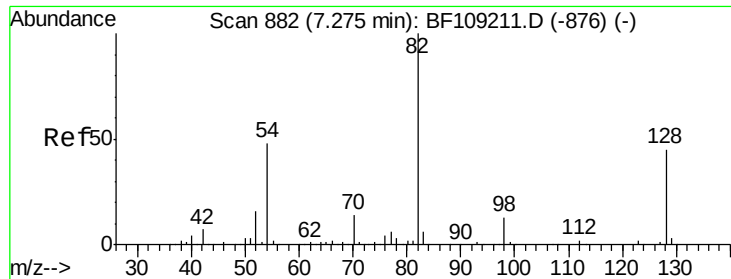
Tgt Ion: 70 Resp: 97820
Ion Ratio Lower Upper
70 100
42 45.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Tgt Ion: 136 Resp: 428439
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.6 5.0 7.4

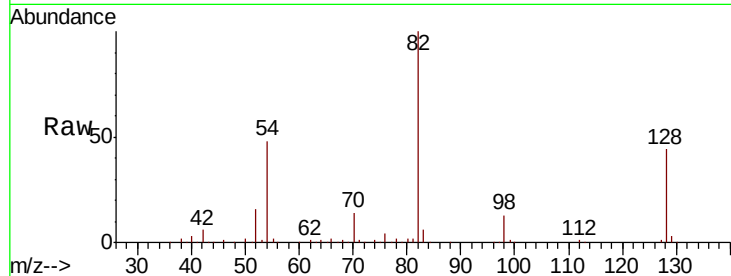




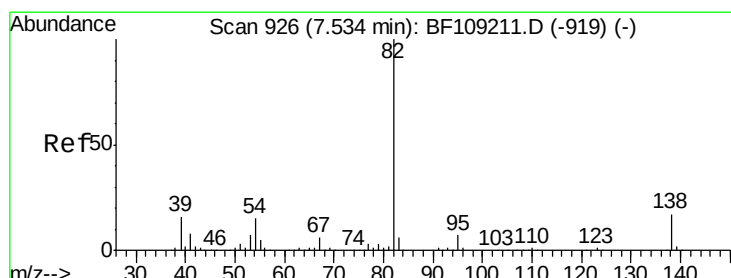
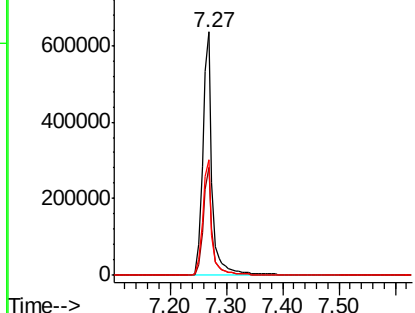
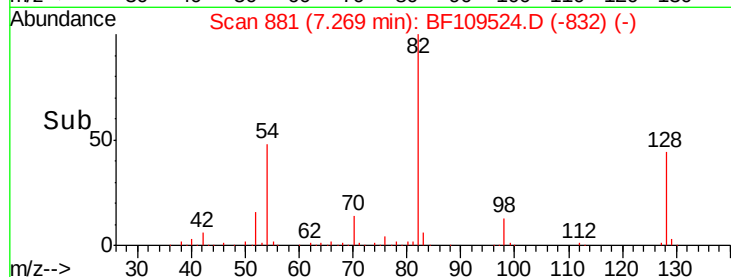
#23
Nitrobenzene-d5
Concen: 101.436 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-S

Tgt Ion: 82 Resp: 736204
Ion Ratio Lower Upper
82 100
128 44.3 36.1 54.1
54 47.6 41.4 62.2

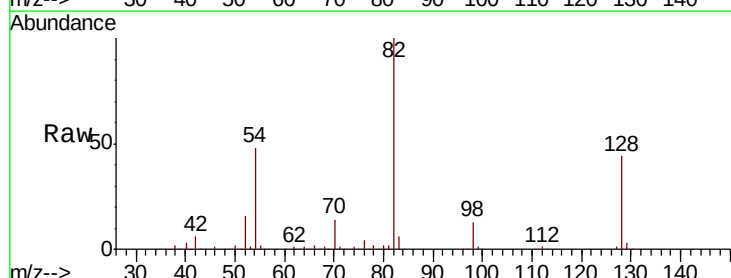


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

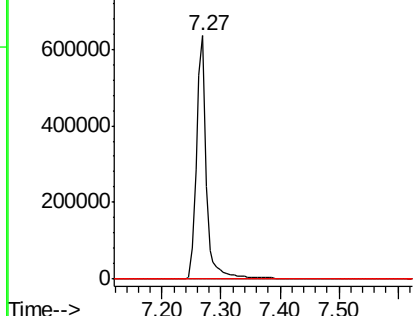
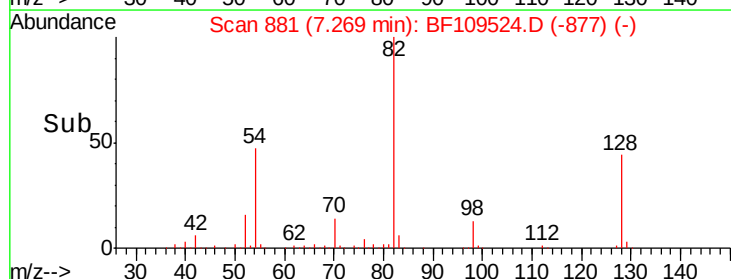


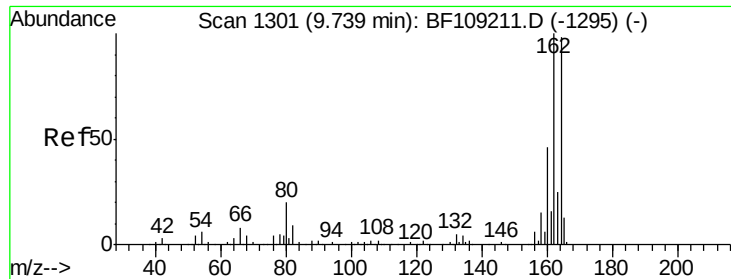
#25
Isophorone
Concen: 55.378 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Tgt Ion: 82 Resp: 723753
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: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-S

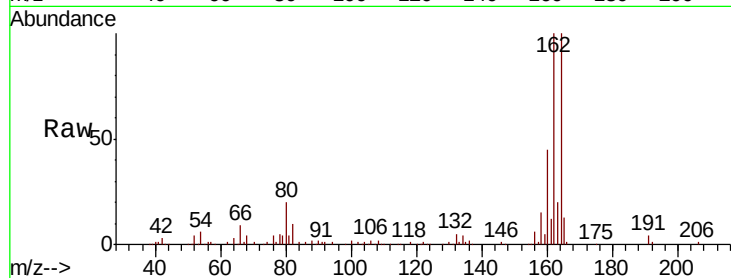
Tgt Ion:164 Resp: 195159

Ion Ratio Lower Upper

164 100

162 99.6 86.1 129.1

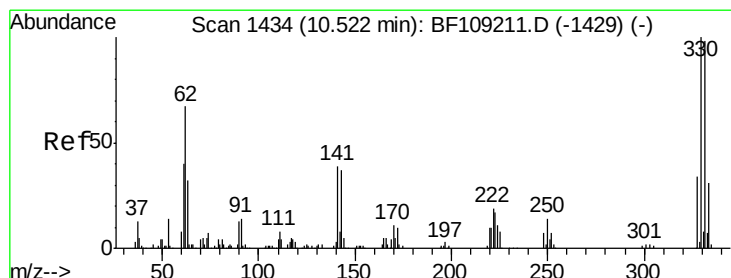
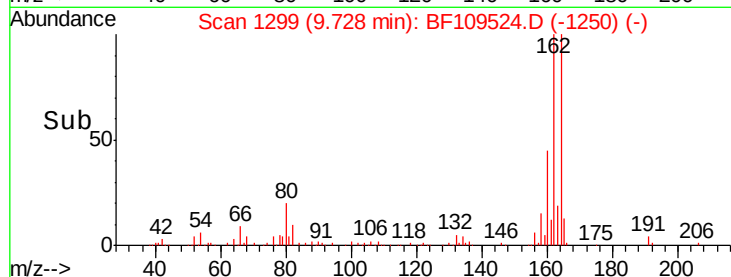
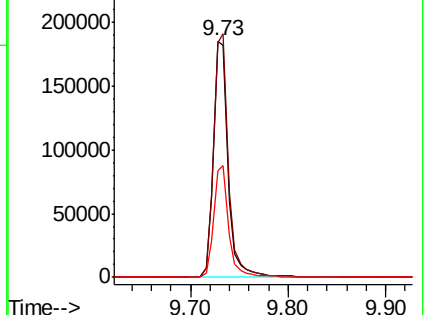
160 45.1 38.3 57.5



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: 100.066 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

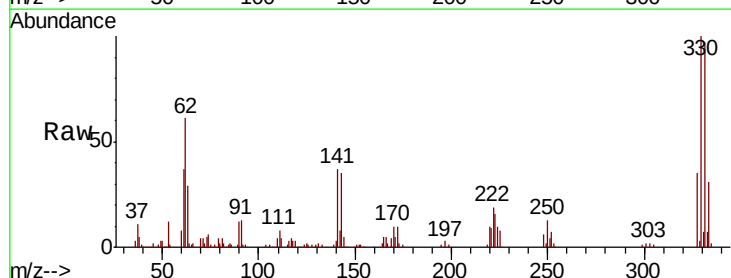
Tgt Ion:330 Resp: 192514

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

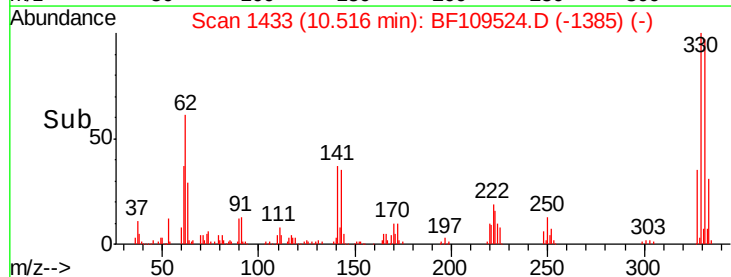
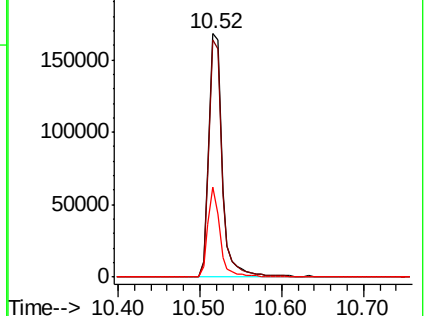
141 33.6 29.9 44.9

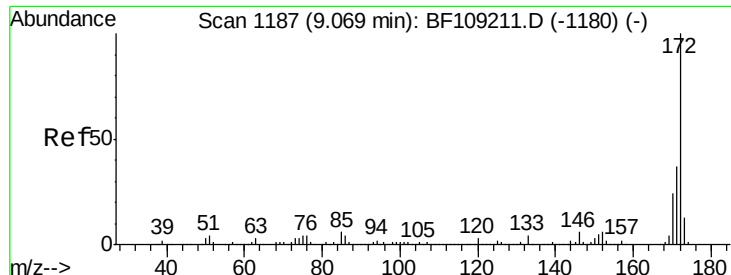


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

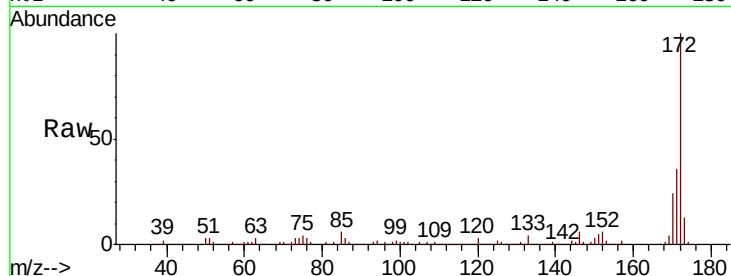




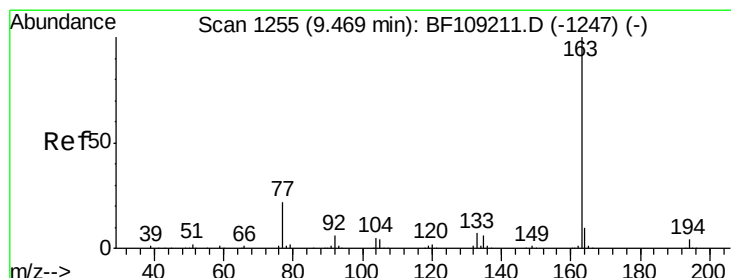
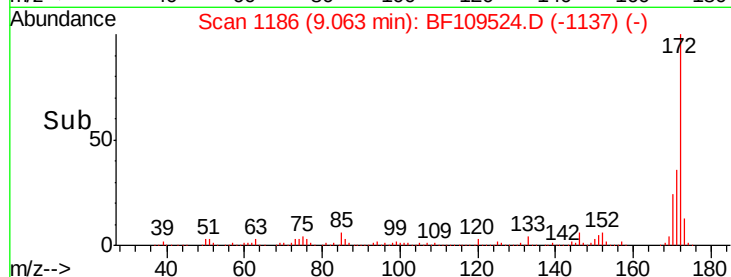
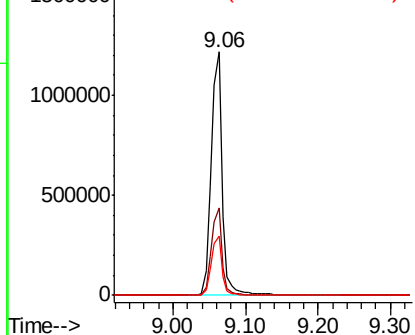
#44
2-Fluorobiphenyl
Concen: 99.288 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

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Tgt Ion:172 Resp: 1284774
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.4 19.6 29.4

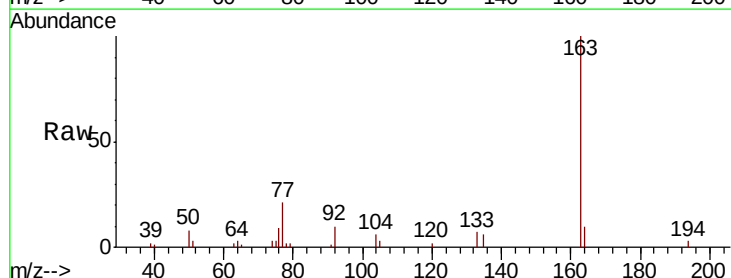


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

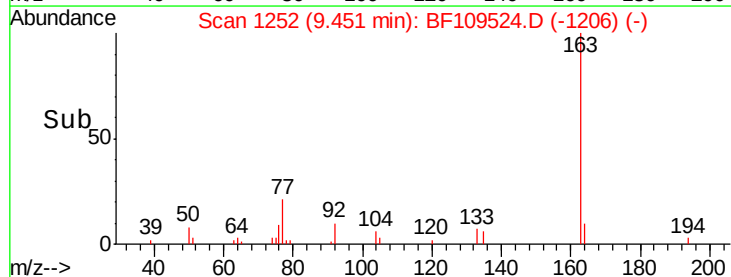
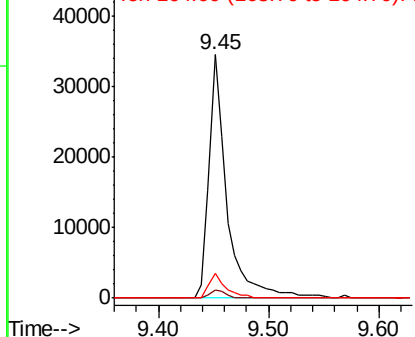


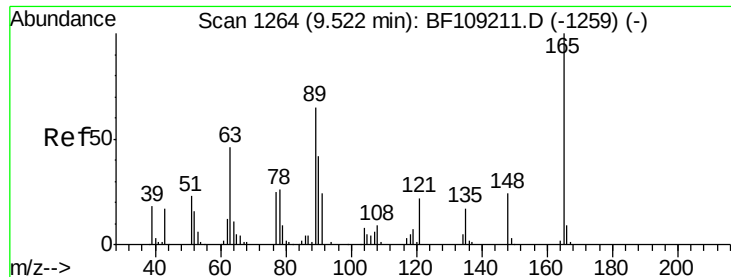
#49
Dimethylphthalate
Concen: 2.692 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Tgt Ion:163 Resp: 38207
Ion Ratio Lower Upper
163 100
194 3.3 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

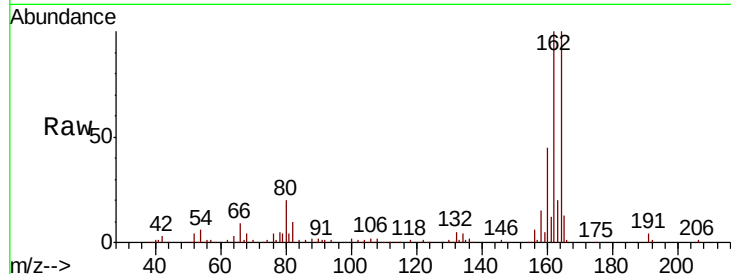




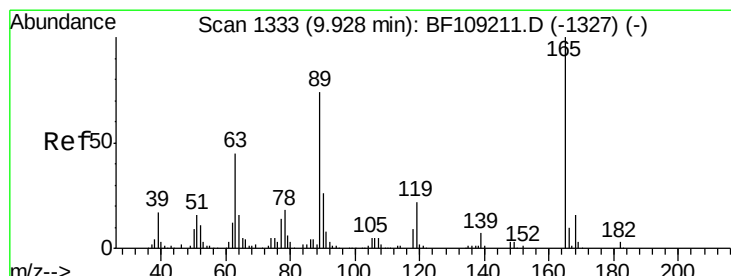
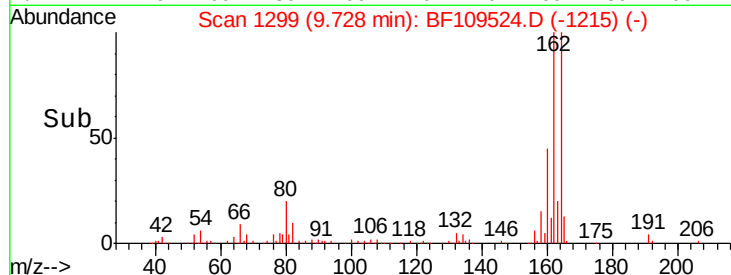
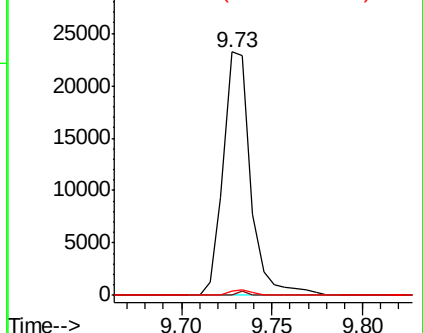
#50
 2,6-Dinitrotoluene
 Concen: 8.760 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF109524.D
 Acq: 3 Oct 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 092818-JETT-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.9	44.0	66.0#



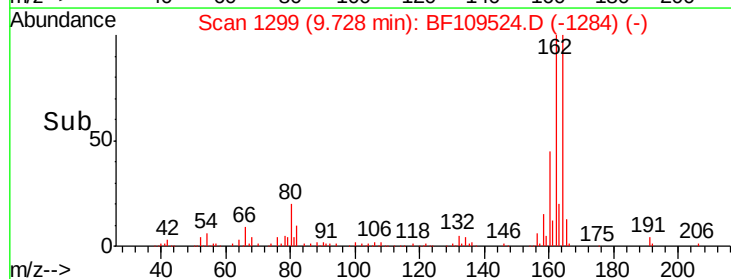
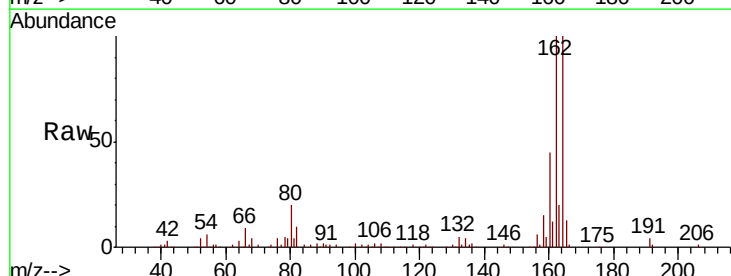
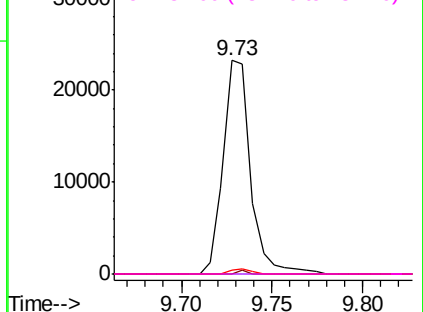
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

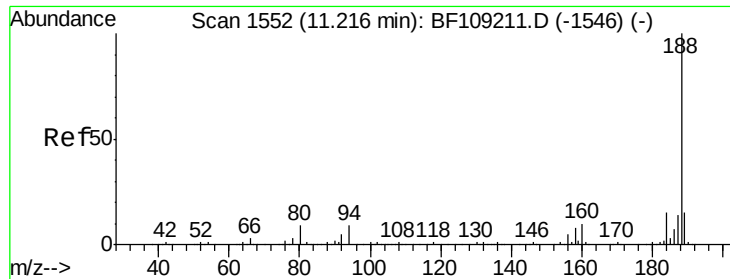


#56
 2,4-Dinitrotoluene
 Concen: 6.923 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109524.D
 Acq: 3 Oct 2018 2:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.9	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

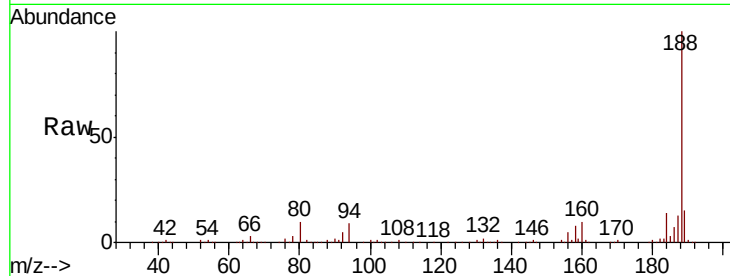




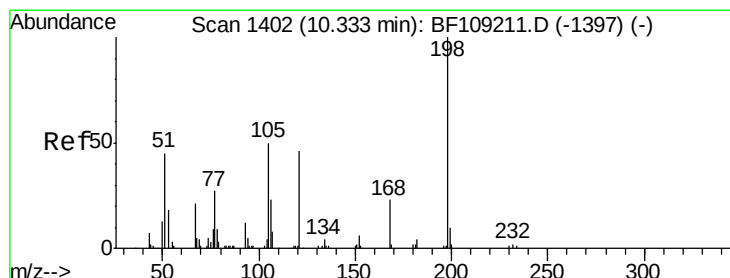
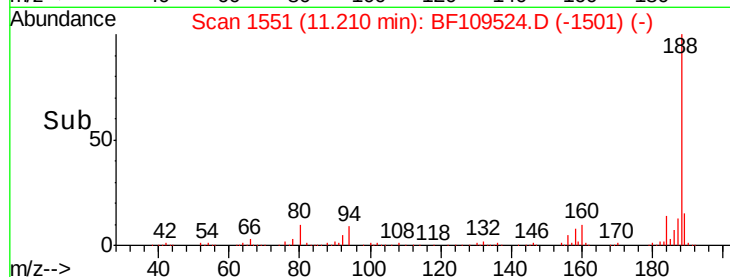
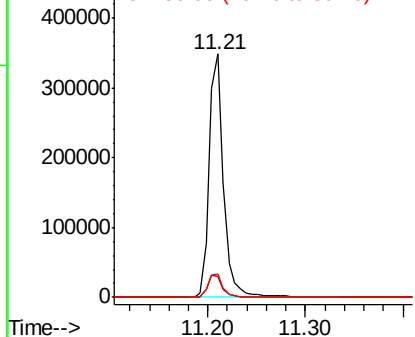
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-S

Tgt Ion:188 Resp: 354697
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 9.6 9.2 13.8

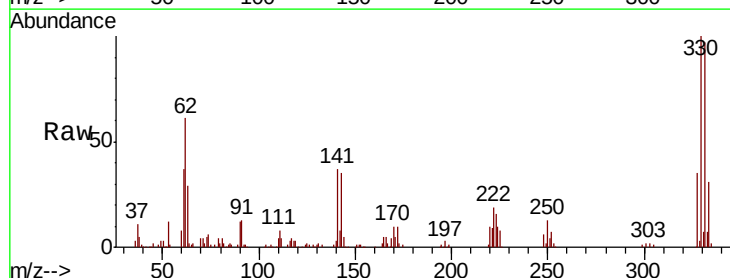


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

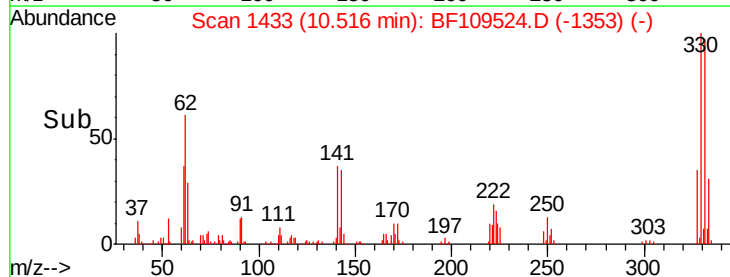
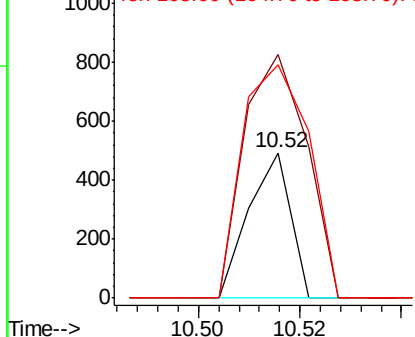


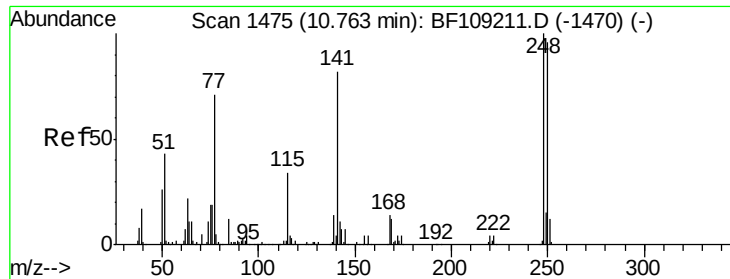
#64
4,6-Dinitro-2-methylphenol
Concen: 6.691 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Tgt Ion:198 Resp: 281
Ion Ratio Lower Upper
198 100
51 167.5 37.7 77.7#
105 160.9 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

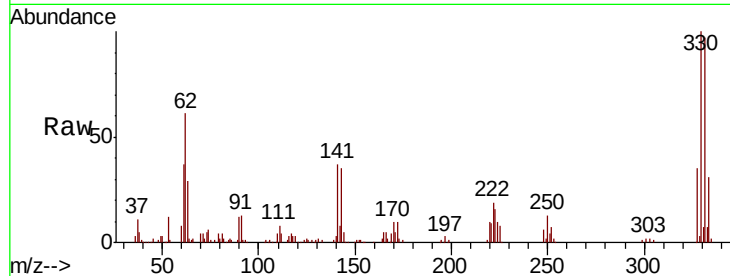




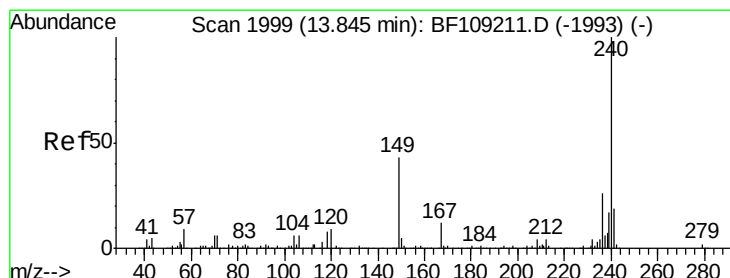
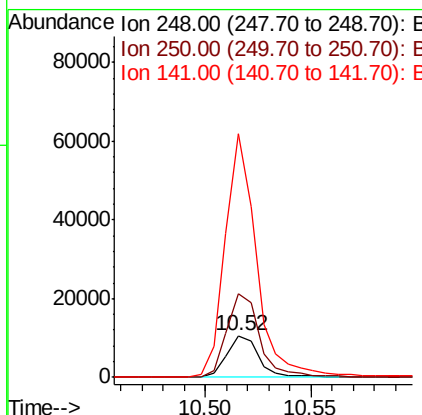
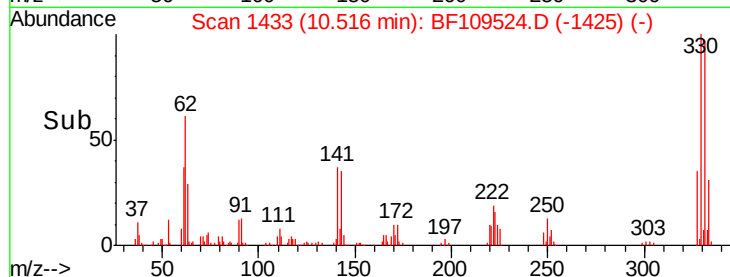
#66
4-Bromophenyl-phenylether
Concen: 2.826 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Instrument :
BNA_F
ClientSampleId :
092818-JETT-F-D-S

Tgt Ion:248 Resp: 11130
Ion Ratio Lower Upper
248 100
250 203.0 76.9 115.3#
141 588.5 74.4 111.6#

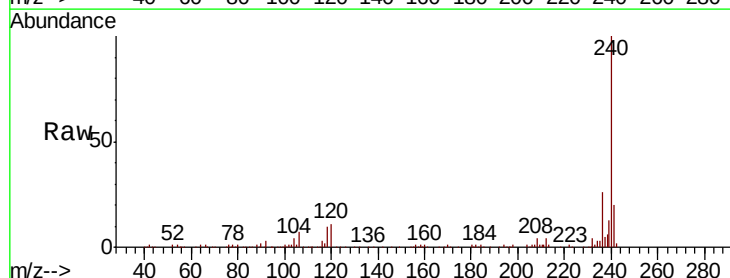


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

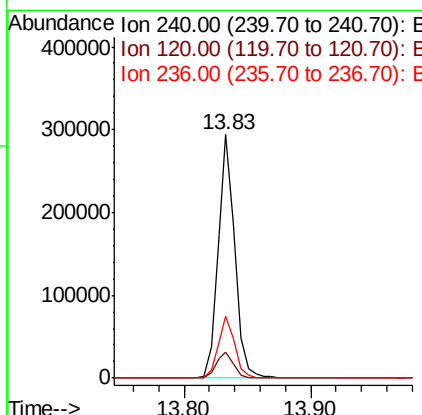
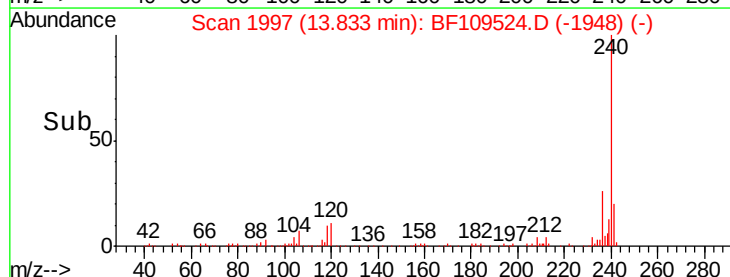


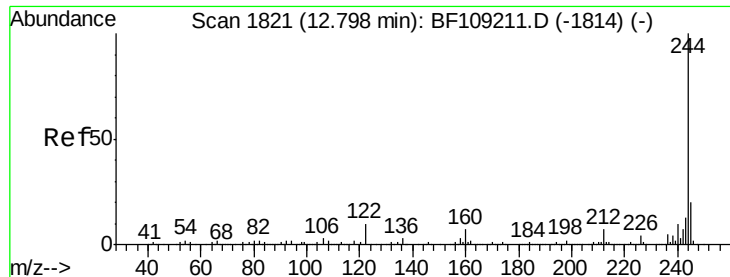
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109524.D
Acq: 3 Oct 2018 2:18

Tgt Ion:240 Resp: 271199
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 25.7 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: 102.021 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

Instrument :

BNA_F

ClientSampleId :

092818-JETT-F-D-S

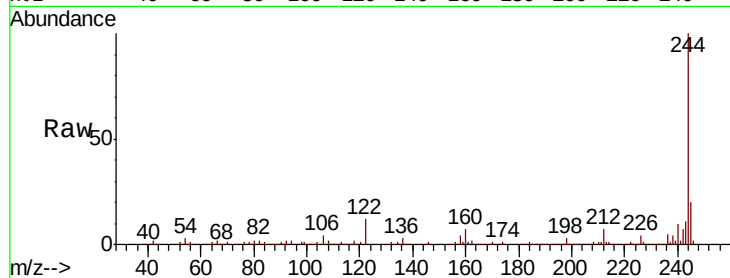
Tgt Ion:244 Resp: 1127393

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

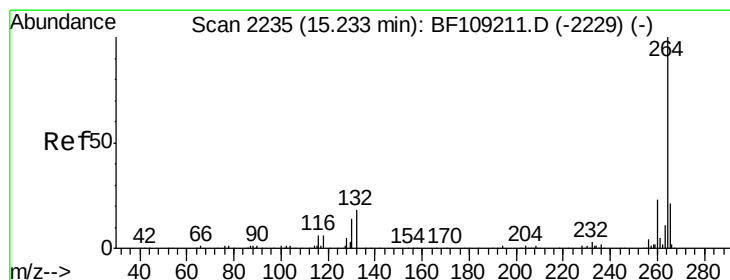
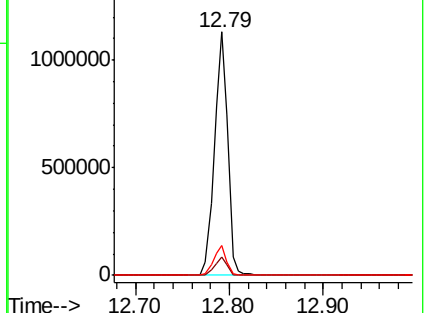
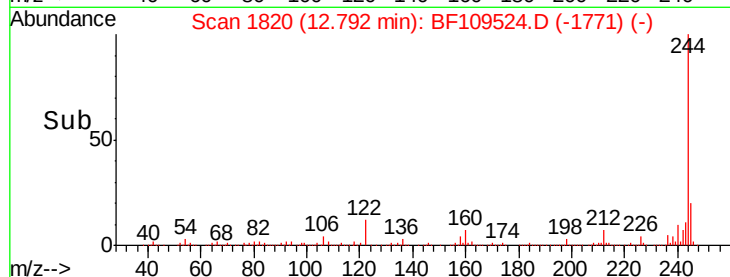
122 12.0 11.0 16.4



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: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF109524.D

Acq: 3 Oct 2018 2:18

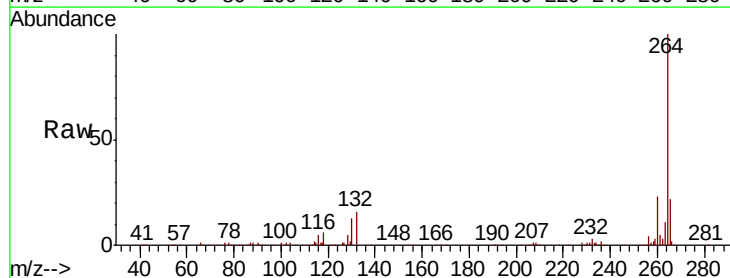
Tgt Ion:264 Resp: 283033

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 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

