

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109797.D
 Acq On : 11 Oct 2018 20:05
 Operator : JU/SJ
 Sample : J5296-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

Quant Time: Oct 12 04:26:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

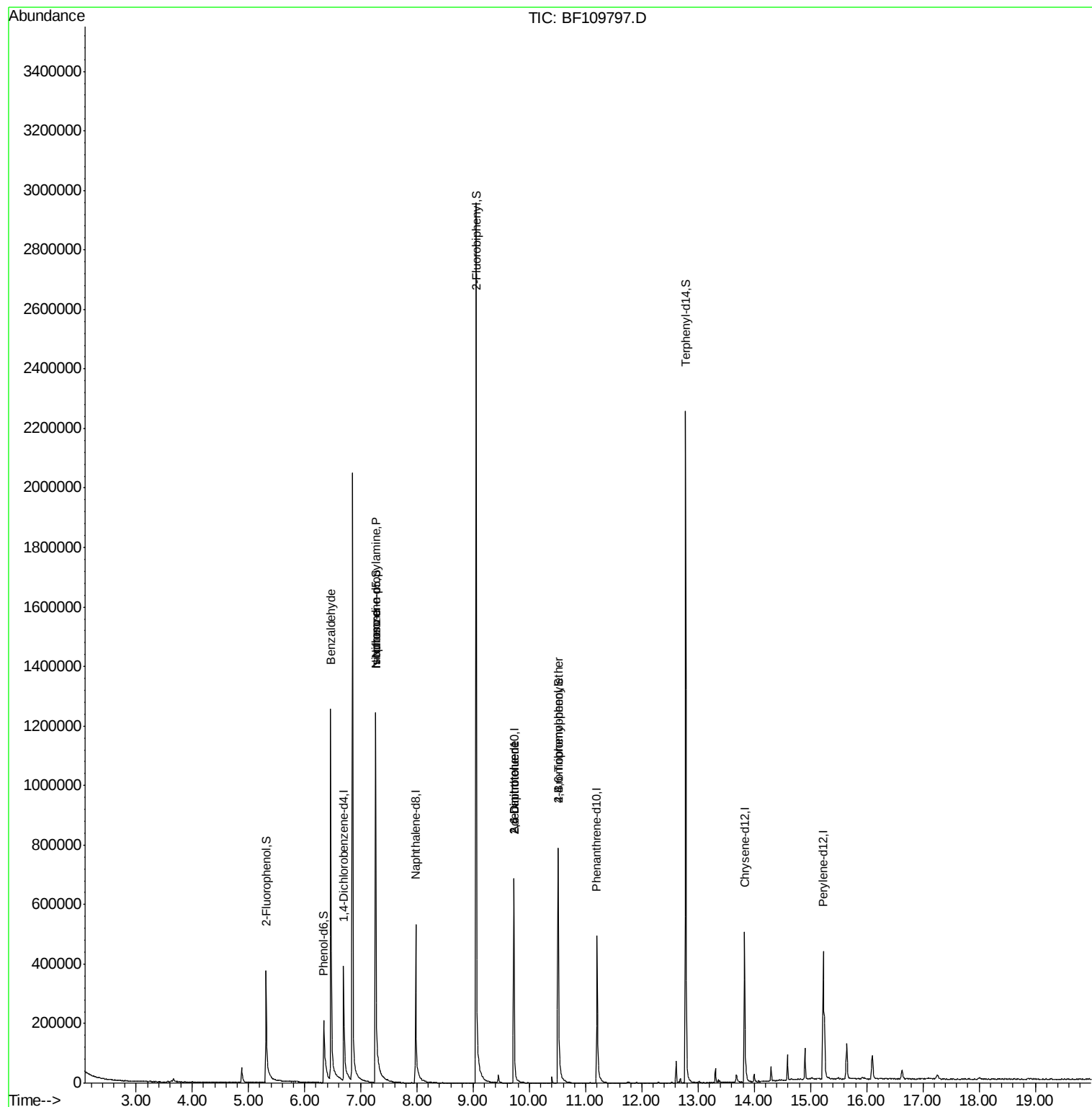
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	90581	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	367832	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	172366	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	285564	20.00	ng	0.00
75) Chrysene-d12	13.83	240	235077	20.00	ng	0.00
86) Perylene-d12	15.23	264	266157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	189762	37.19	ng	-0.01
7) Phenol-d6	6.34	99	175411	25.73	ng	-0.02
23) Nitrobenzene-d5	7.26	82	655475	98.23	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	146646	78.08	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1122800	89.71	ng	0.00
78) Terphenyl-d14	12.78	244	862261	71.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	9788	2.231	ng	# 72
19) n-Nitroso-di-n-propylamine	7.26	70	84601	17.696	ng	# 77
25) Isophorone	7.26	82	656117	59.212	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	20881	7.620	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	20881	6.106	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	8386	2.556	ng	# 1

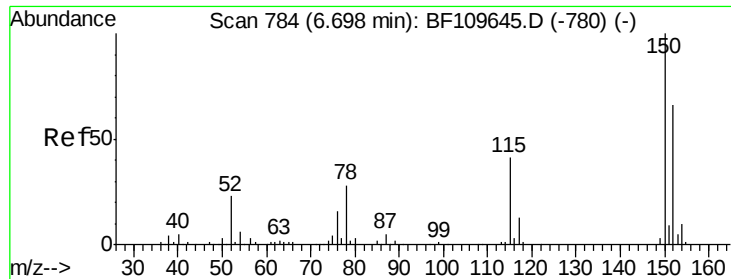
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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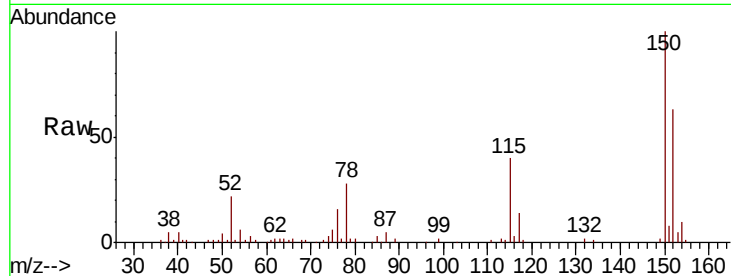


#1

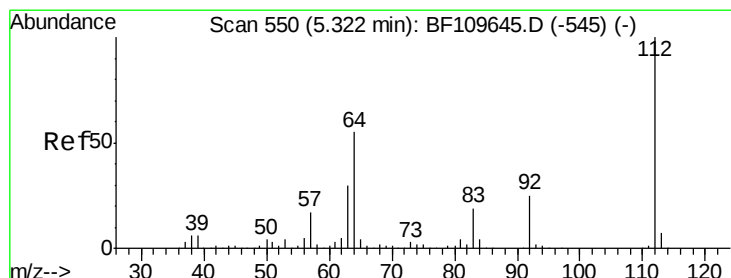
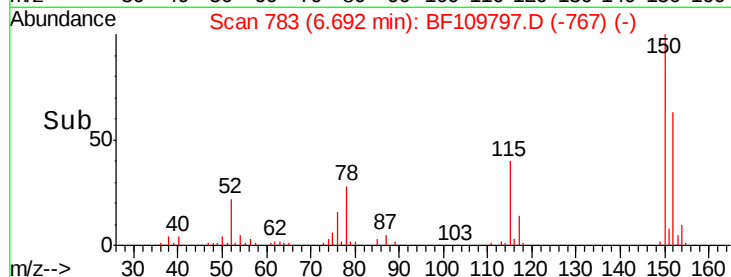
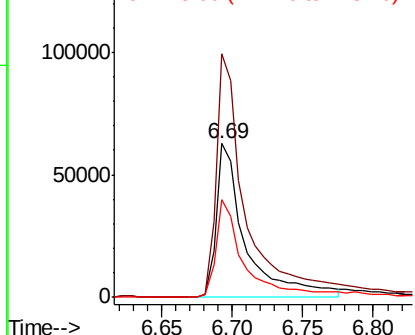
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

Instrument :
BNA_F
ClientSampleId :
100418-JETT-E-D-B

Tgt Ion:152 Resp: 90581
Ion Ratio Lower Upper
152 100
150 158.6 122.7 184.1
115 63.4 49.1 73.7



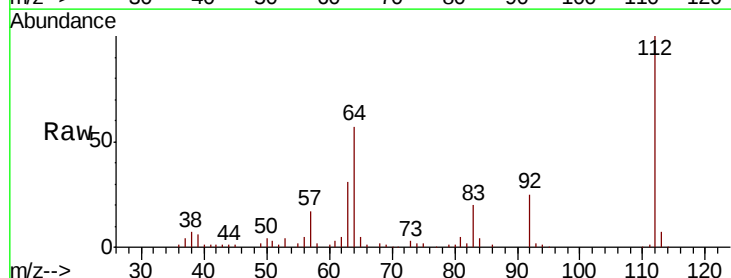
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



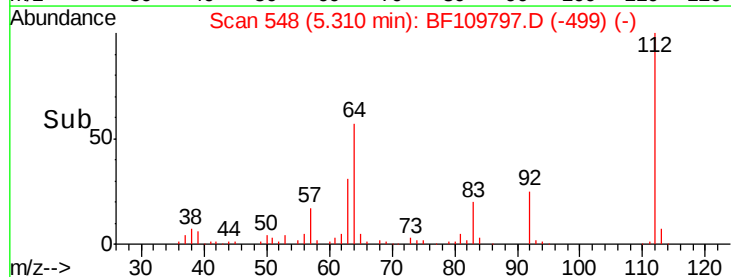
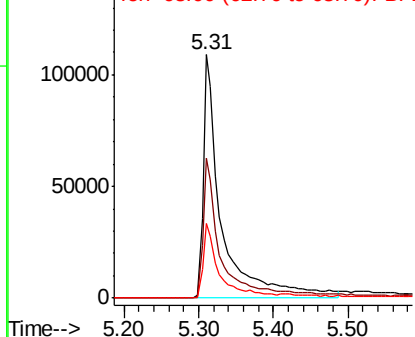
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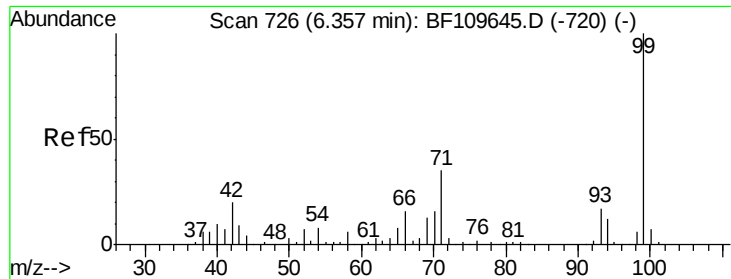
2-Fluorophenol
Concen: 37.186 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109797.D
Acq: 11 Oct 2018 20:05

Tgt Ion:112 Resp: 189762
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 30.6 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: 25.731 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

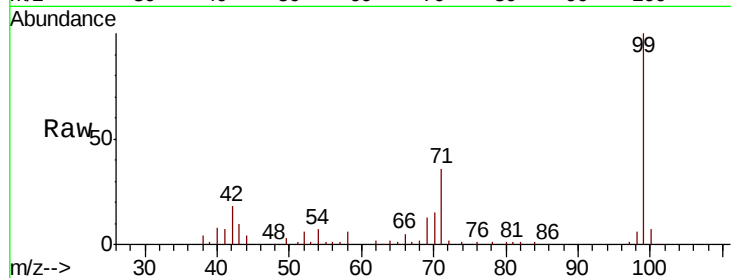
Tgt Ion: 99 Resp: 175411

Ion Ratio Lower Upper

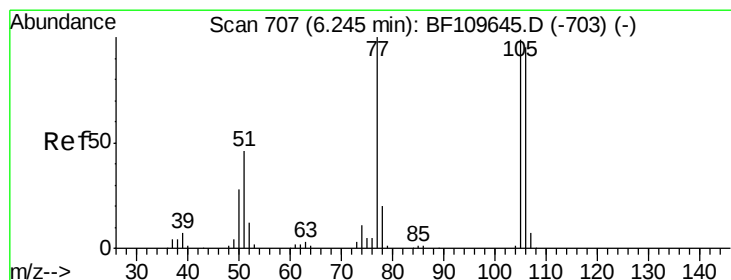
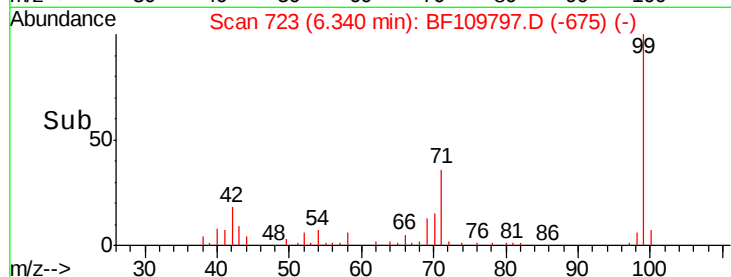
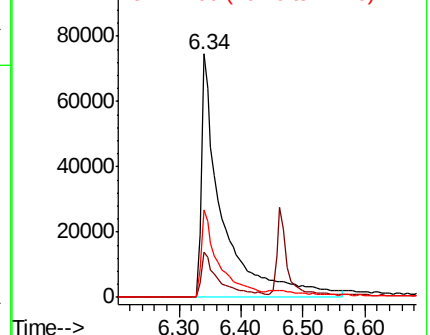
99 100

42 18.4 15.8 23.6

71 36.2 28.0 42.0



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: 2.231 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

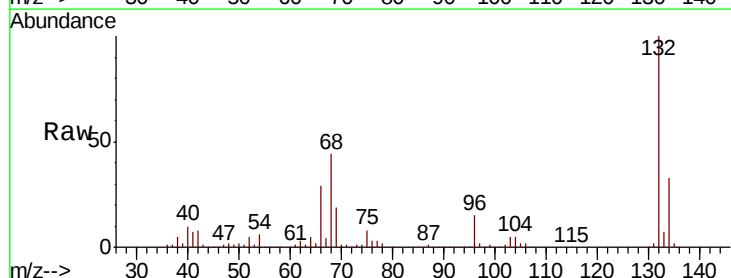
Tgt Ion: 77 Resp: 9788

Ion Ratio Lower Upper

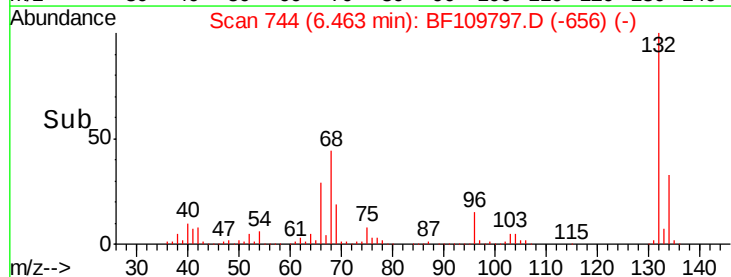
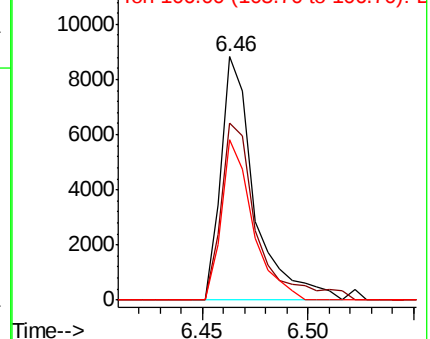
77 100

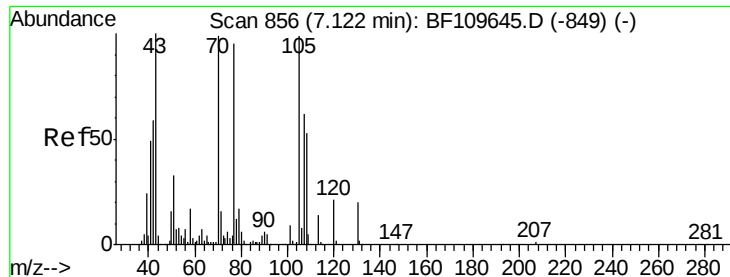
105 72.7 78.6 118.6#

106 65.6 74.8 114.8#



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: 17.696 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

Tgt Ion: 70 Resp: 84601

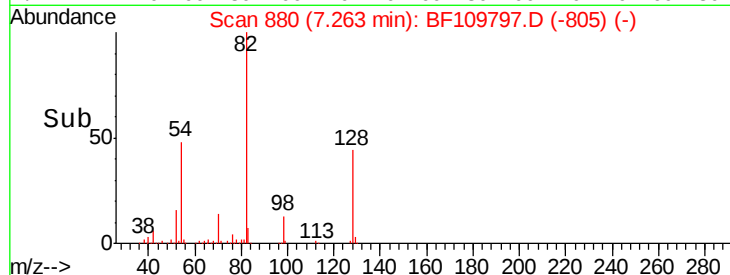
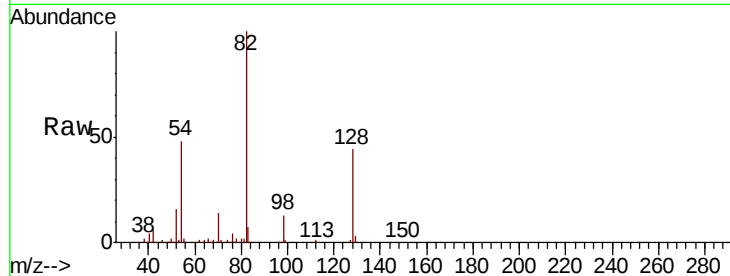
Ion Ratio Lower Upper

70 100

42 46.4 47.4 71.2#

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

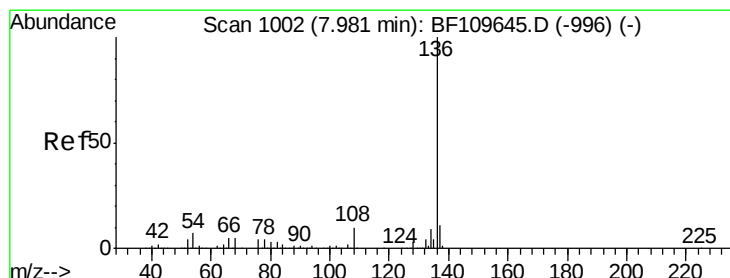
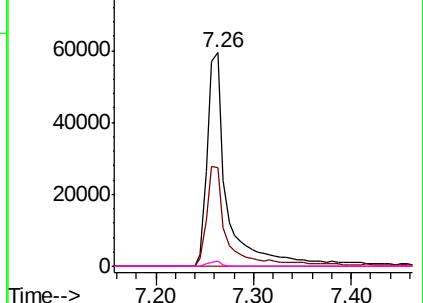


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Tgt Ion: 136 Resp: 367832

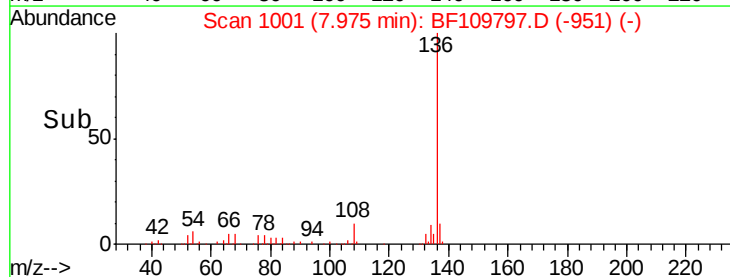
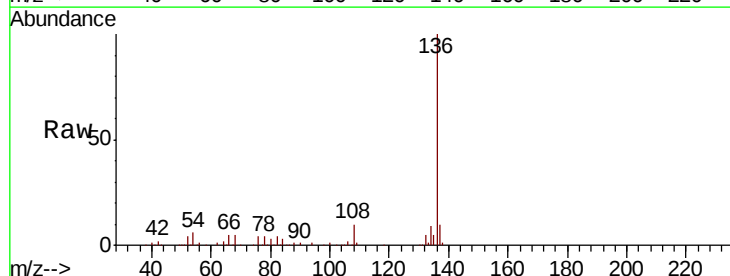
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 6.2 5.4 8.2

68 4.8 4.2 6.2

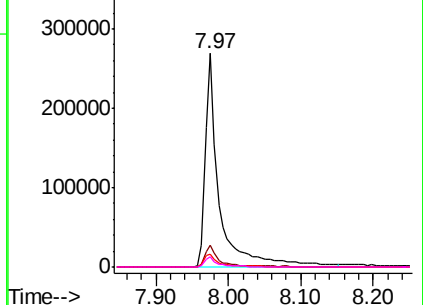


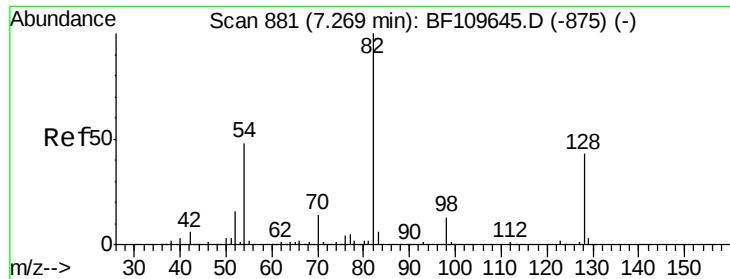
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

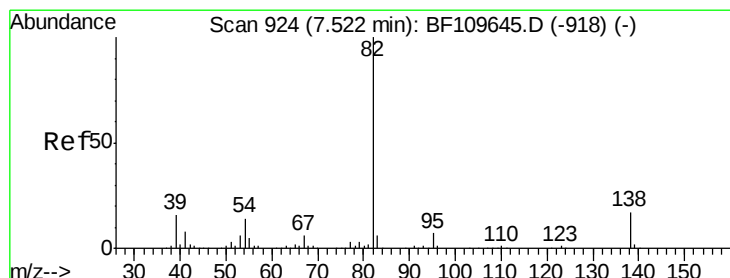
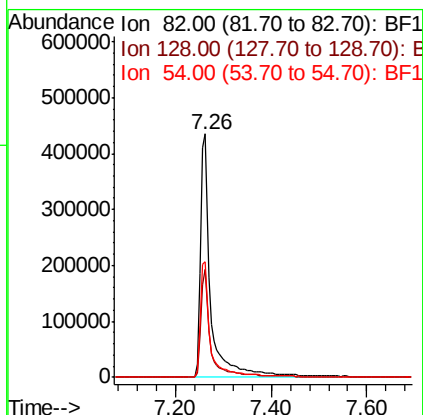
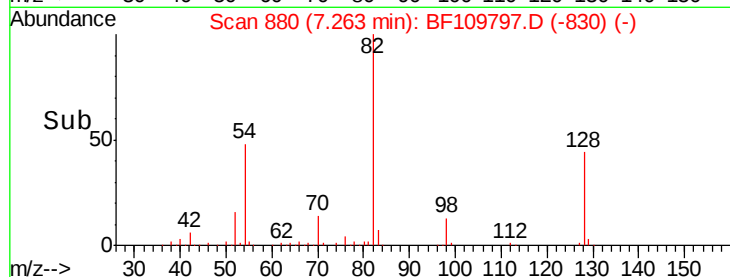
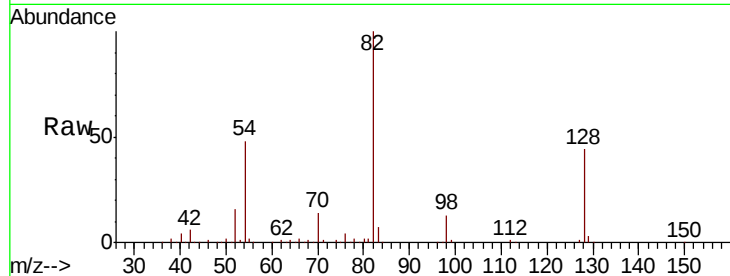




#23
 Nitrobenzene-d5
 Concen: 98.230 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

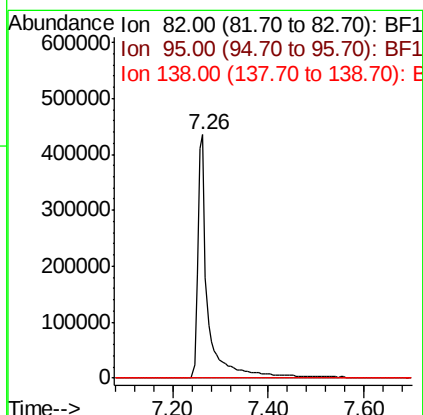
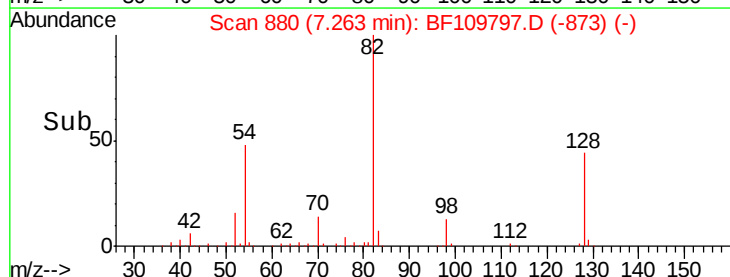
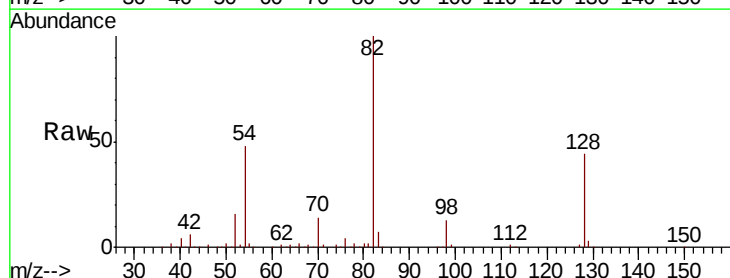
Instrument :
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 100418-JETT-E-D-B

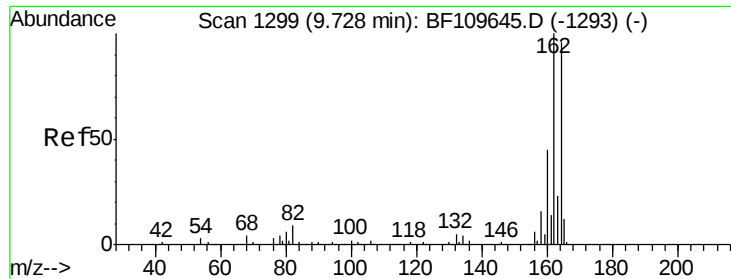
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	47.7	38.6	58.0



#25
 Isophorone
 Concen: 59.212 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.26 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

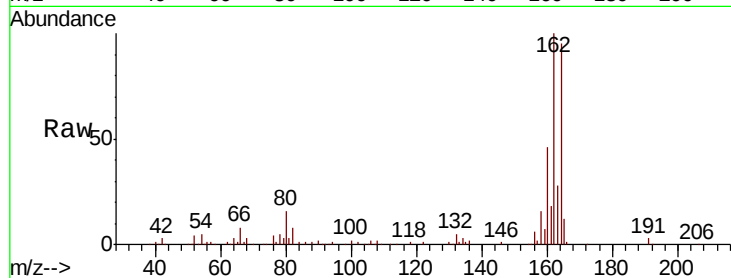




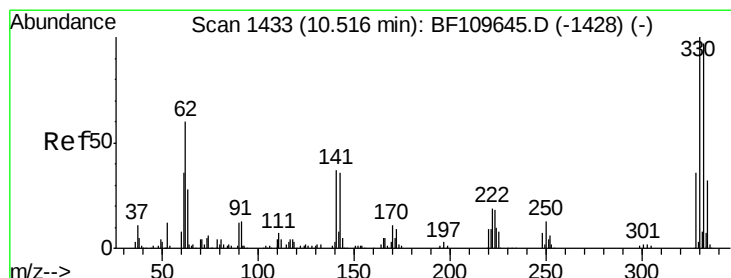
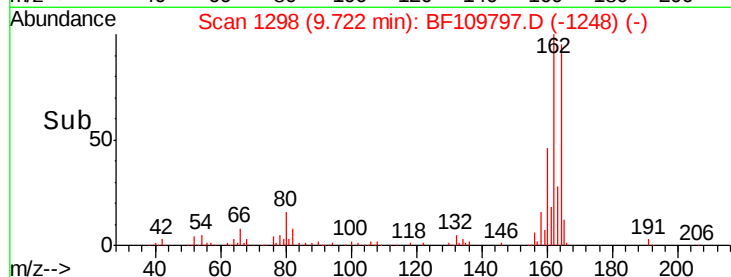
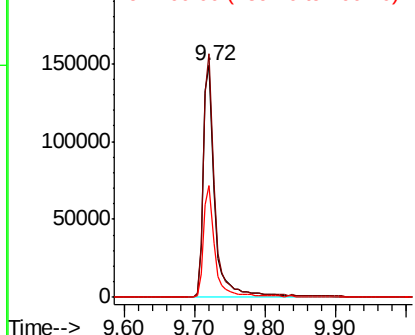
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

Tgt Ion:164 Resp: 172366
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.0 124.6
 160 48.5 37.0 55.6

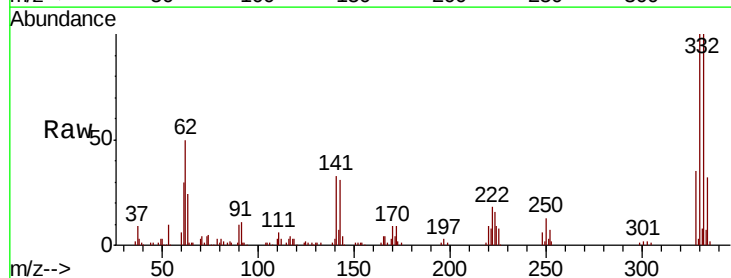


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

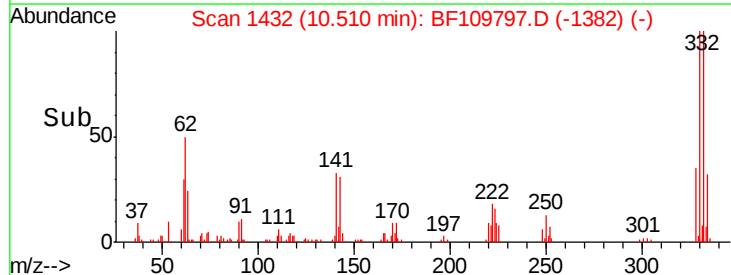
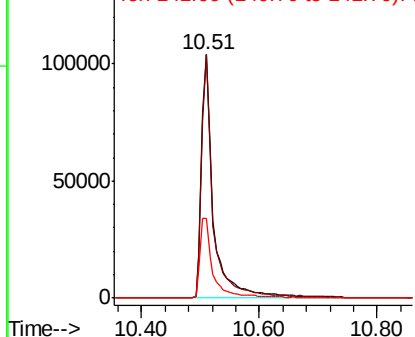


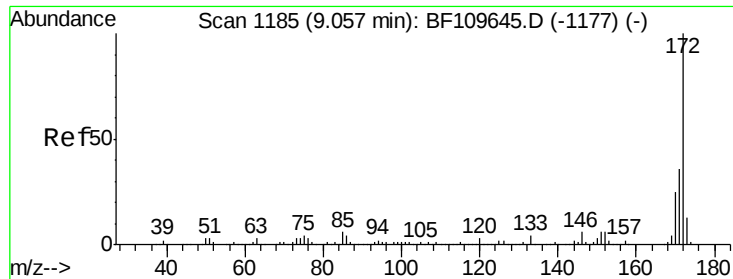
#41
 2,4,6-Tribromophenol
 Concen: 78.082 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion:330 Resp: 146646
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 35.1 27.0 40.4



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

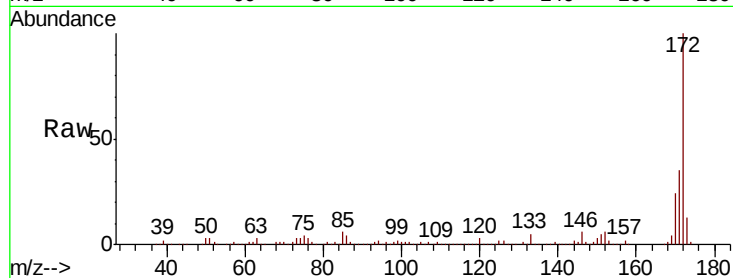




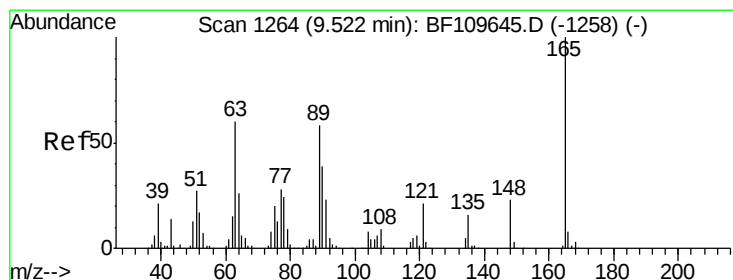
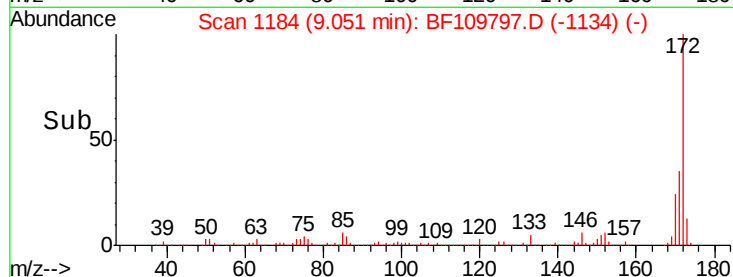
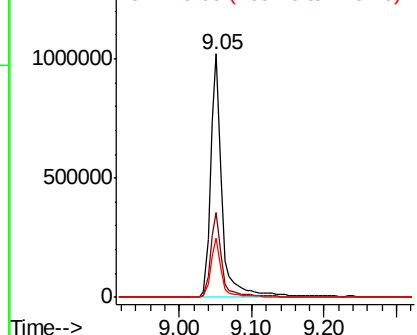
#44
 2-Fluorobiphenyl
 Concen: 89.715 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Instrument :
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Tgt Ion:172 Resp: 1122800
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 43.0
 170 24.4 19.7 29.5

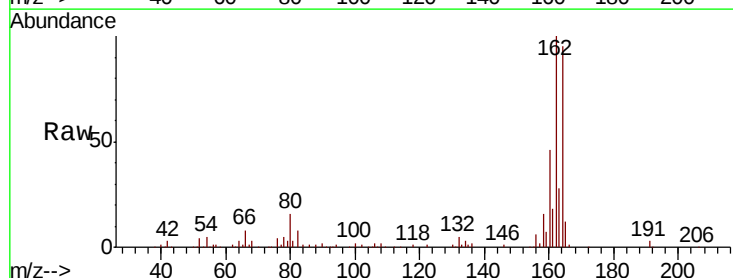


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

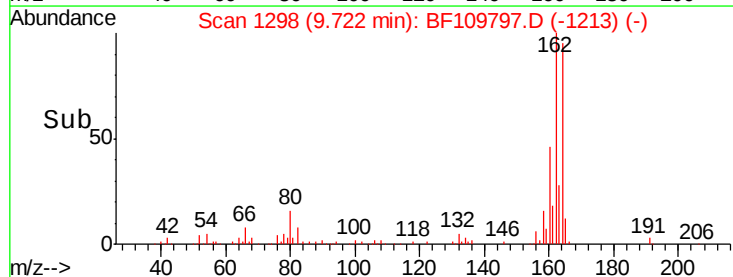
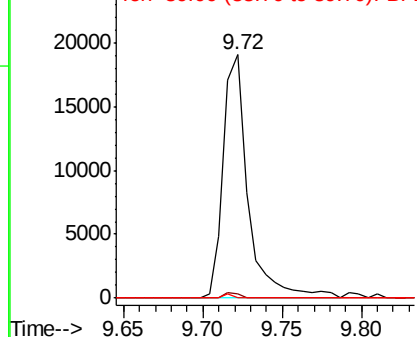


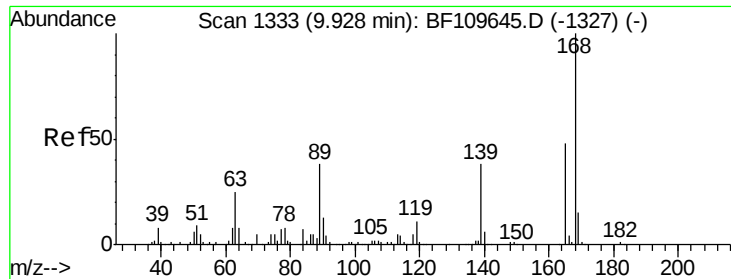
#50
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion:165 Resp: 20881
 Ion Ratio Lower Upper
 165 100
 63 1.9 48.9 73.3#
 89 0.0 46.6 69.8#



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

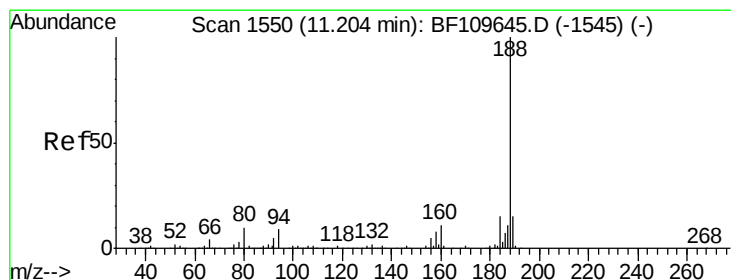
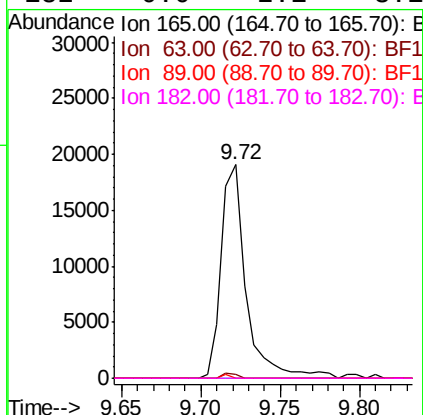
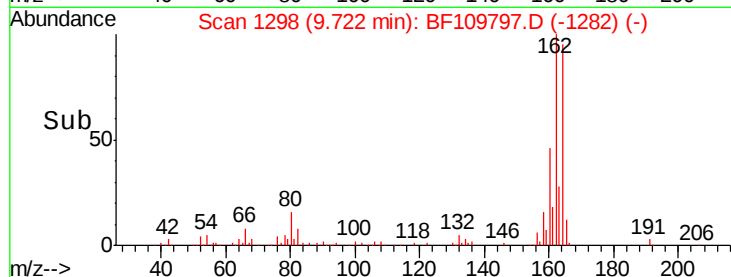
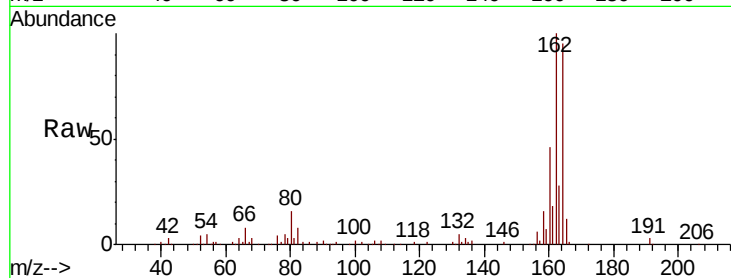




#56
 2,4-Dinitrotoluene
 Concen: 6.106 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

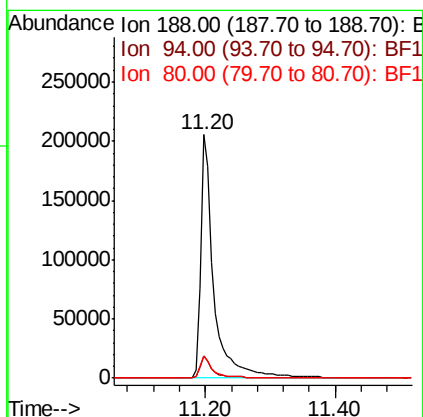
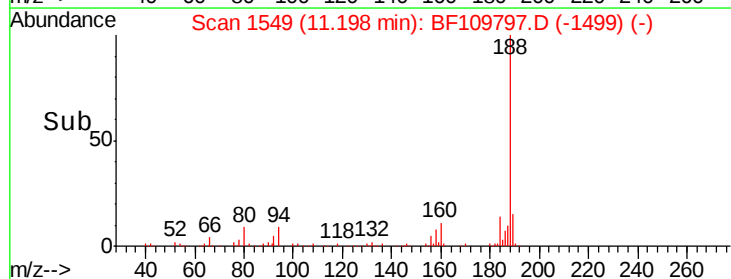
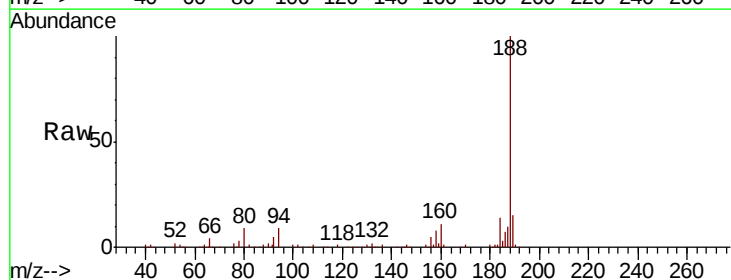
Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

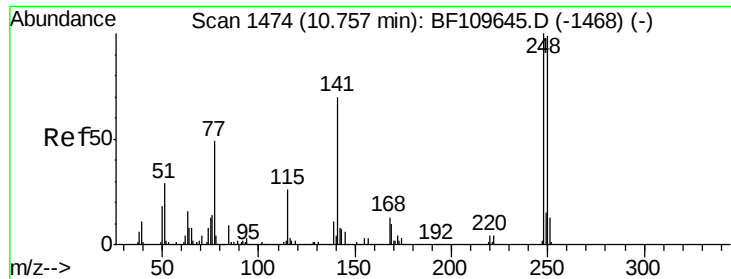
Tgt Ion:	165	Resp:	20881
Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion:	188	Resp:	285564
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.1	7.9	11.9

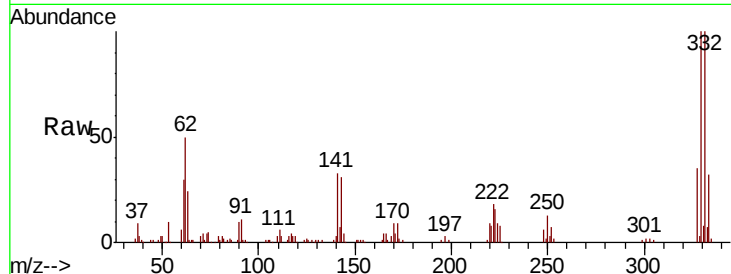




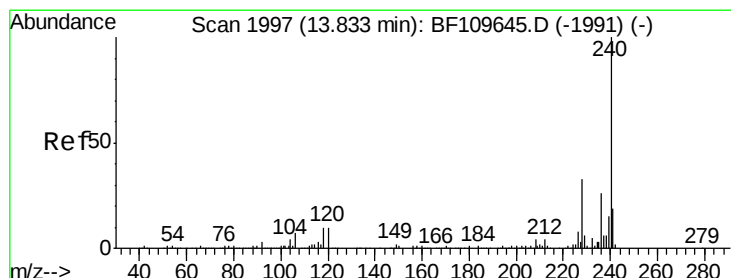
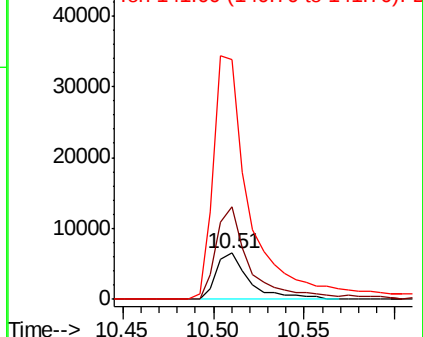
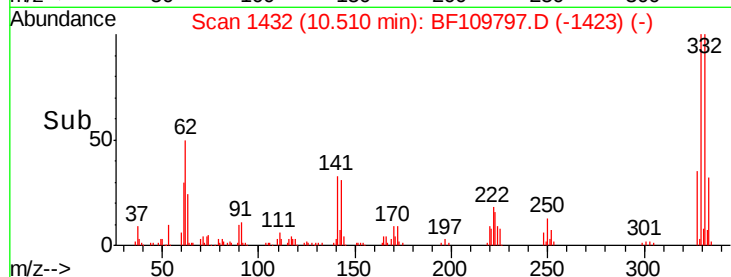
#66
 4-Bromophenyl-phenylether
 Concen: 2.556 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Instrument :
 BNA_F
 ClientSampleId :
 100418-JETT-E-D-B

Tgt Ion:248 Resp: 8386
 Ion Ratio Lower Upper
 248 100
 250 203.0 79.4 119.2#
 141 523.4 55.9 83.9#

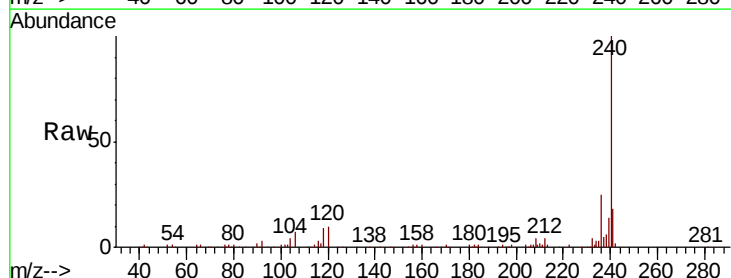


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

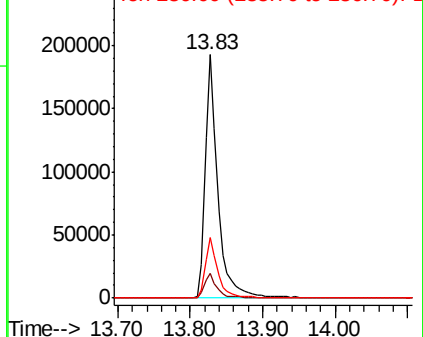
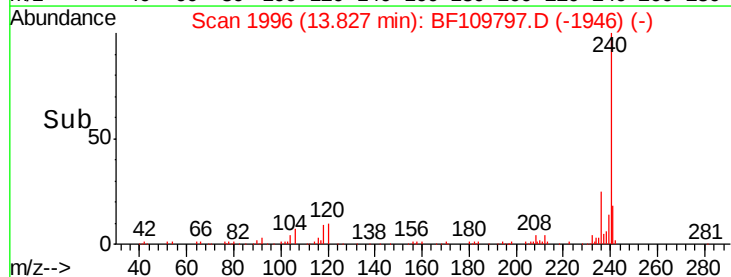


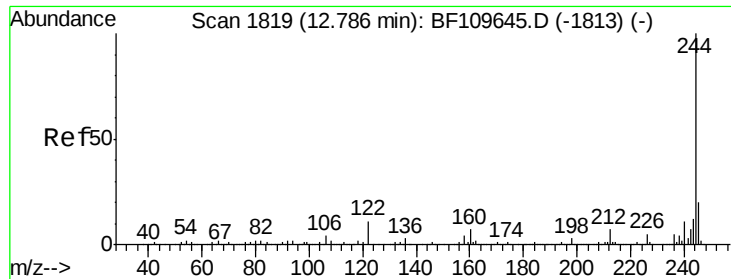
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109797.D
 Acq: 11 Oct 2018 20:05

Tgt Ion:240 Resp: 235077
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 25.0 21.2 31.8



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: 71.006 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

Instrument :

BNA_F

ClientSampleId :

100418-JETT-E-D-B

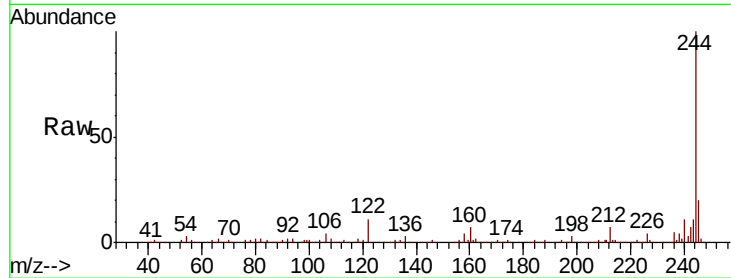
Tgt Ion:244 Resp: 862261

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

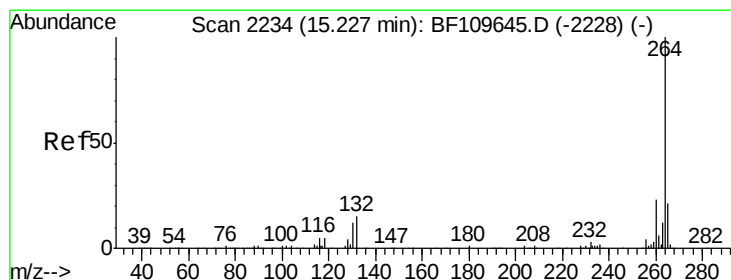
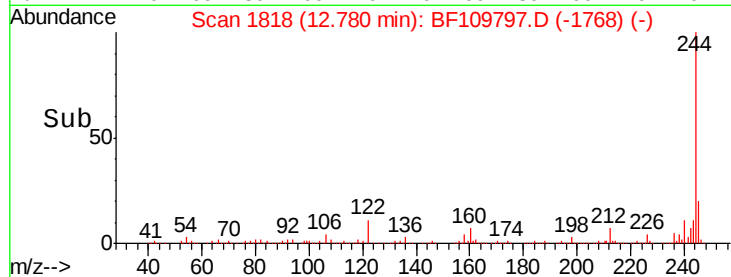
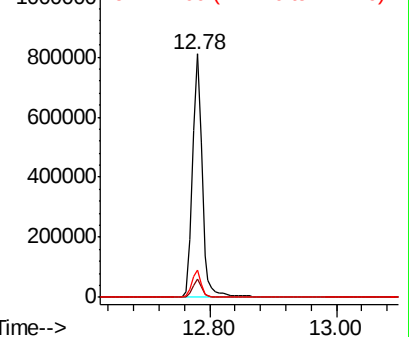
122 11.3 8.7 13.1



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# 2234

Delta R.T. 0.00 min

Lab File: BF109797.D

Acq: 11 Oct 2018 20:05

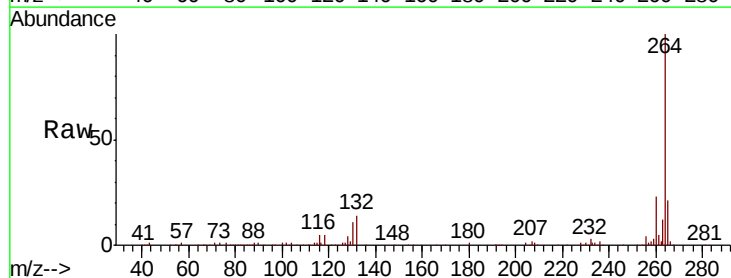
Tgt Ion:264 Resp: 266157

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.1 16.7 25.1



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

