

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100418\
 Data File : BF109588.D
 Acq On : 4 Oct 2018 15:56
 Operator : JU/SJ
 Sample : J5221-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-D-S

Quant Time: Oct 04 18:00:06 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	98417	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	378528	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	167704	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	259912	20.00	ng	0.00
75) Chrysene-d12	13.84	240	217919	20.00	ng	0.00
86) Perylene-d12	15.24	264	214692	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	241363	40.39	ng	0.00
7) Phenol-d6	6.34	99	198083	25.98	ng	-0.02
23) Nitrobenzene-d5	7.27	82	657071	102.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	141048	85.32	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1148289	103.27	ng	-0.01
78) Terphenyl-d14	12.80	244	826581	93.09	ng	0.00

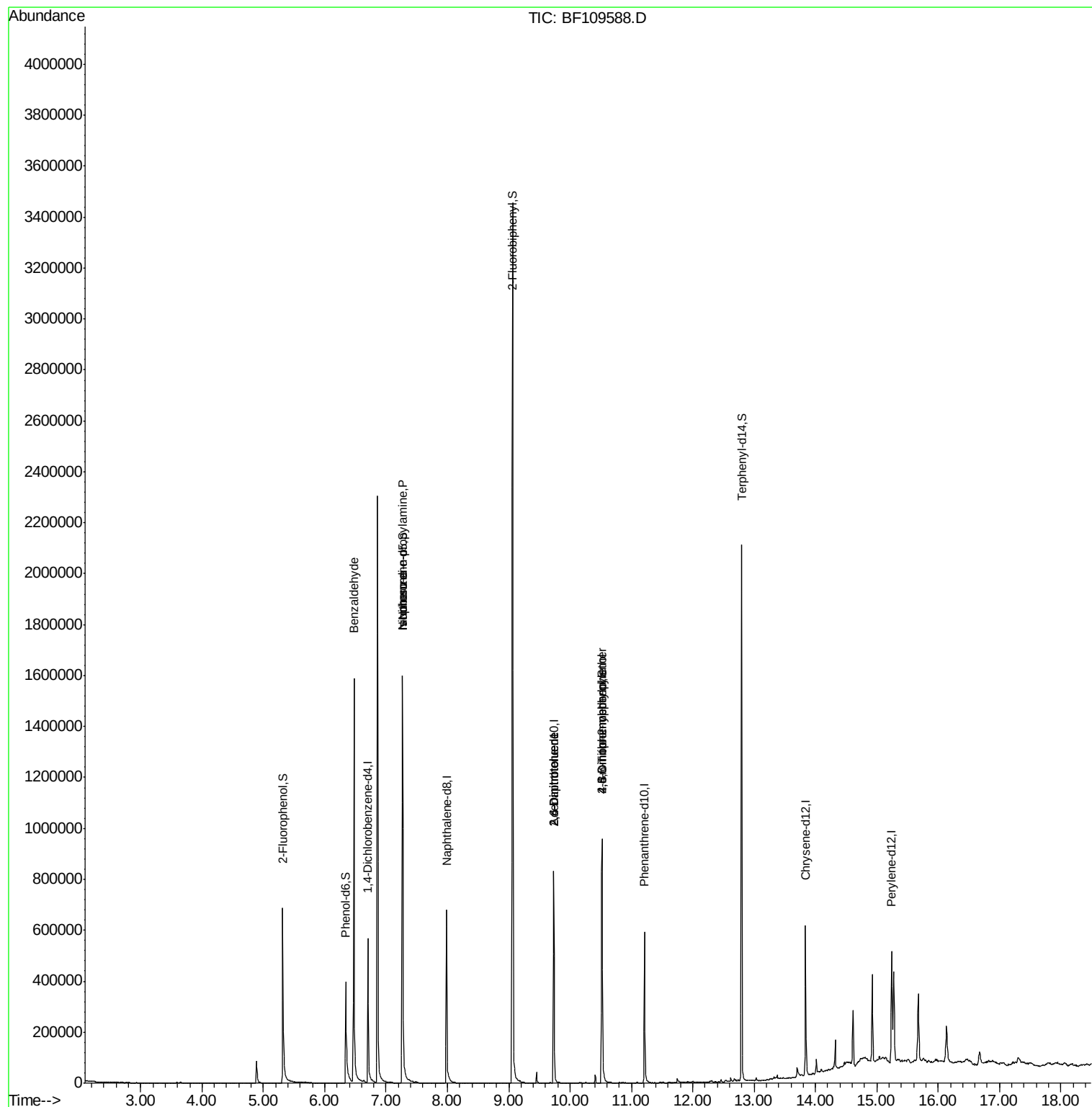
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	10371	2.117	ng	# 72
19) n-Nitroso-di-n-propylamine	7.27	70	87840	17.582	ng	# 77
25) Isophorone	7.27	82	625607	54.180	ng	# 64
50) 2,6-Dinitrotoluene	9.73	165	20242	8.379	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	20242	6.622	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	151	6.645	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	8152	2.824	ng	# 1

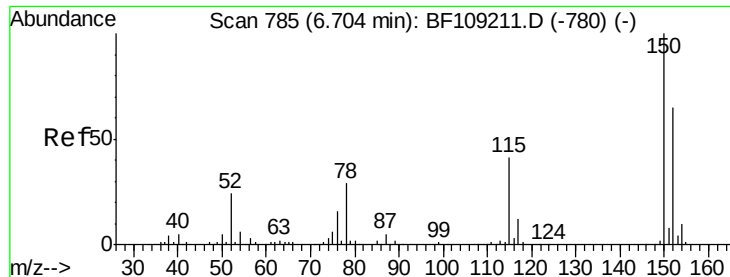
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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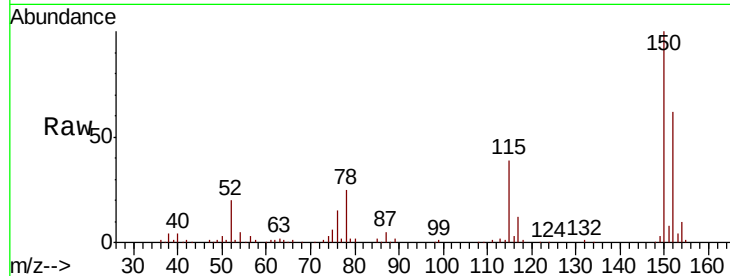


#1

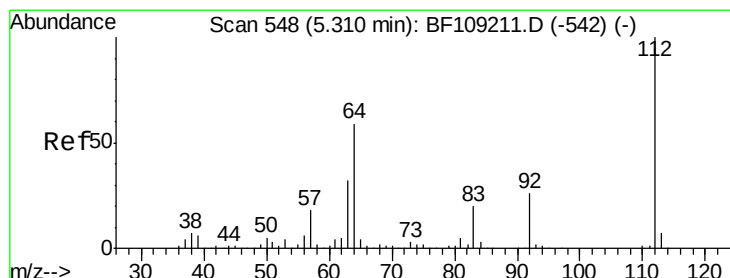
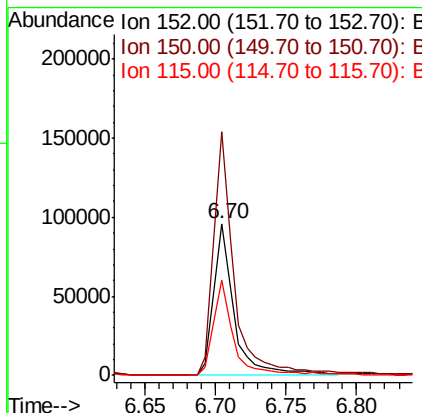
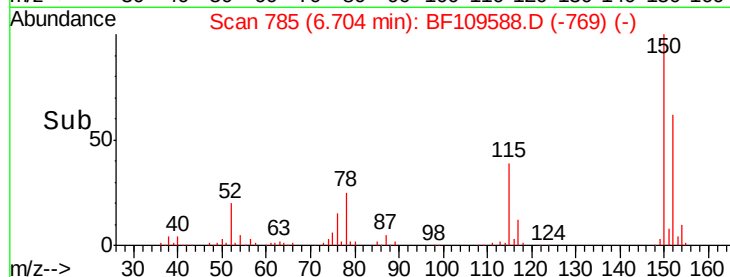
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-D-S

Tot Ion:152 Resp: 98417
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 62.6 50.1 75.1



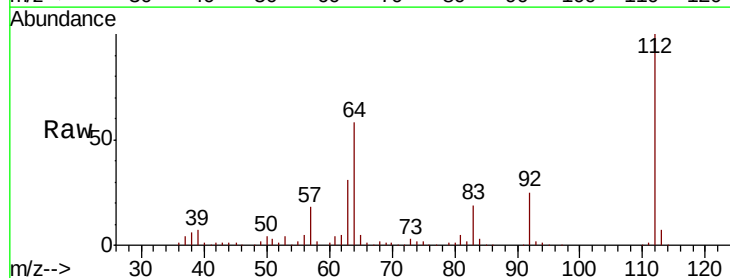
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



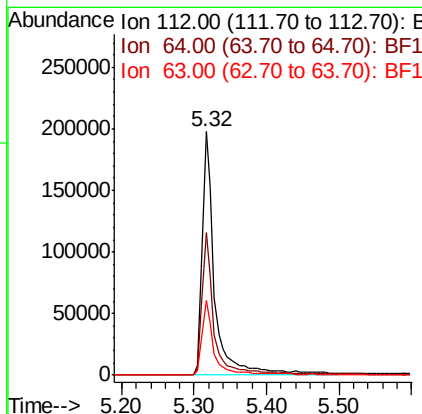
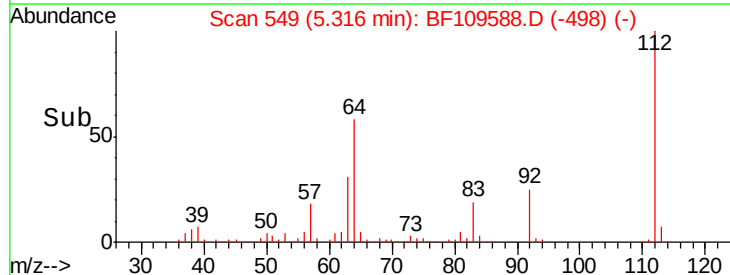
#5

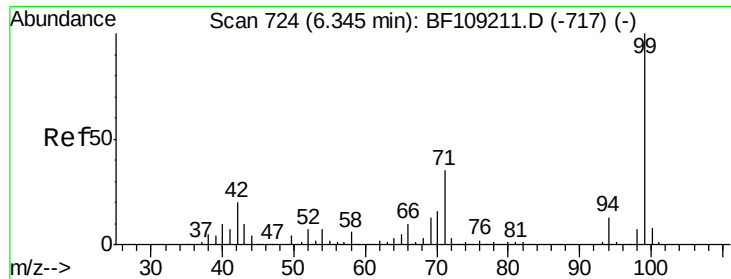
2-Fluorophenol
Concen: 40.394 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion:112 Resp: 241363
Ion Ratio Lower Upper
112 100
64 58.3 47.9 71.9
63 30.9 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: 25.979 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_G

ClientSampleId :

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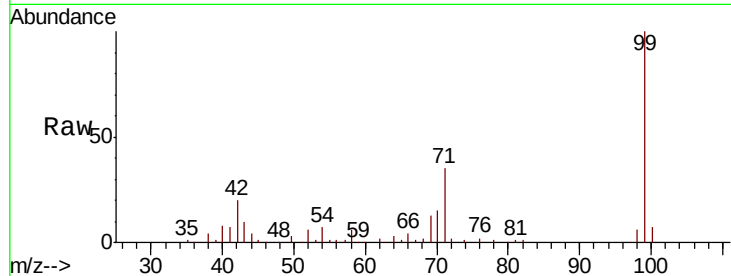
Tot Ion: 99 Resp: 198083

Ion Ratio Lower Upper

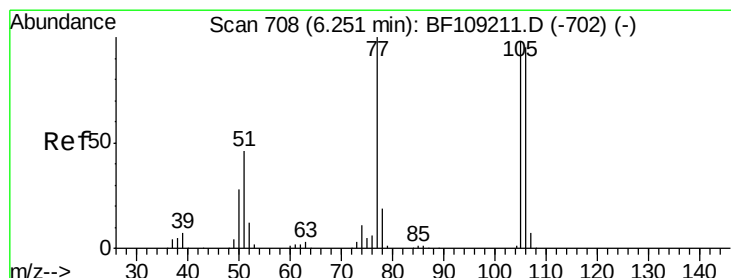
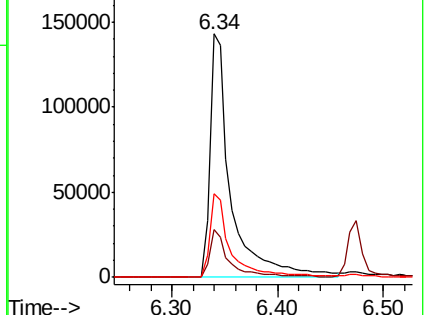
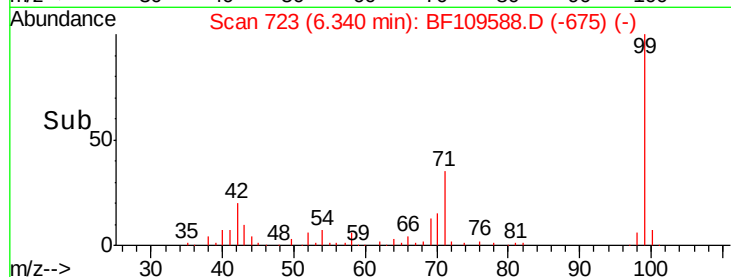
99 100

42 19.6 14.5 21.7

71 34.6 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: 2.117 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109588.D

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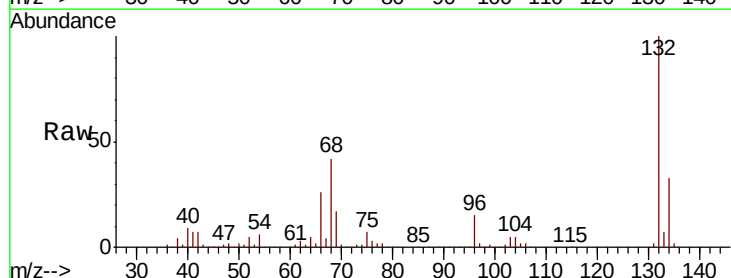
Tgt Ion: 77 Resp: 10371

Ion Ratio Lower Upper

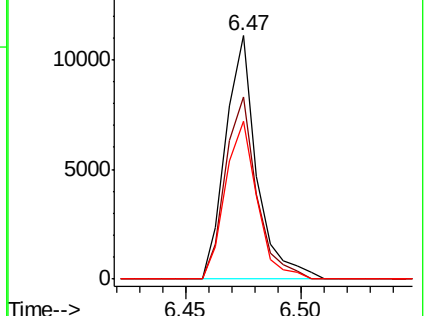
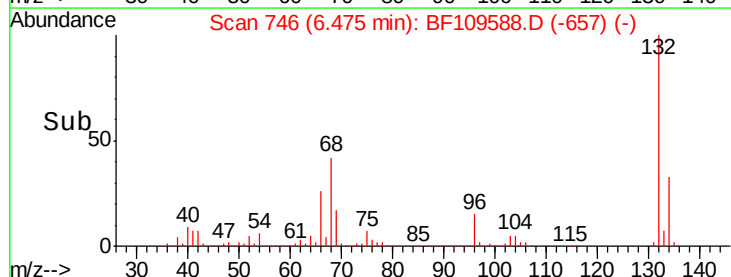
77 100

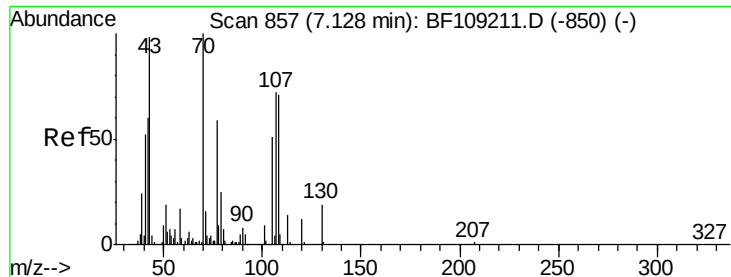
105 74.6 81.1 121.1#

106 64.9 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

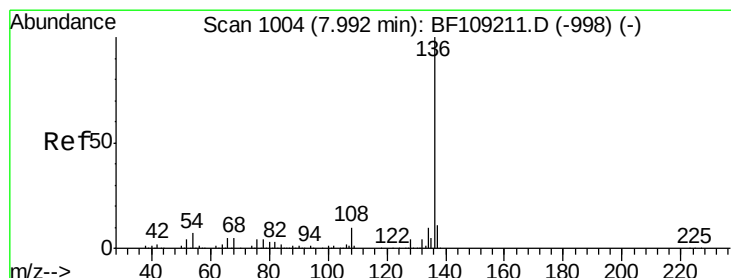
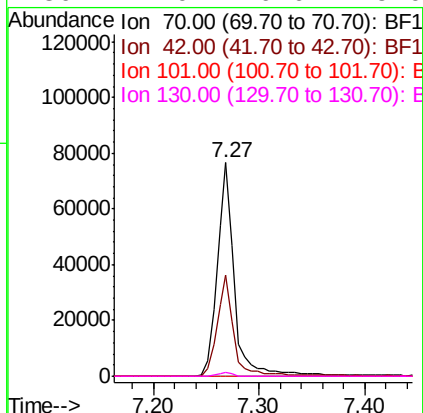
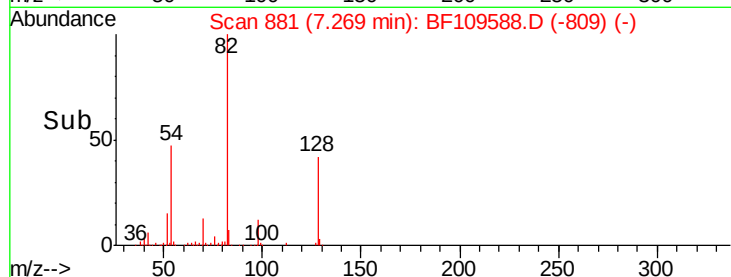
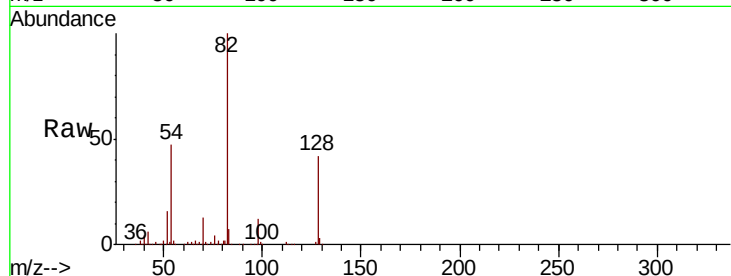




#19
n-Nitroso-di-n-propylamine
Concen: 17.582 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

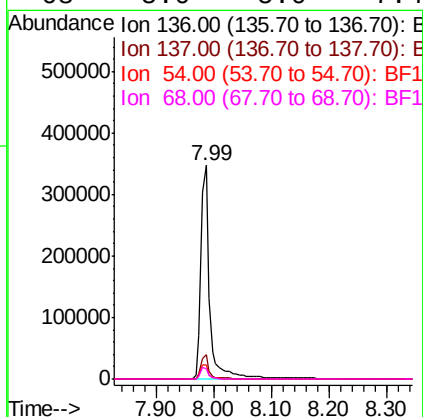
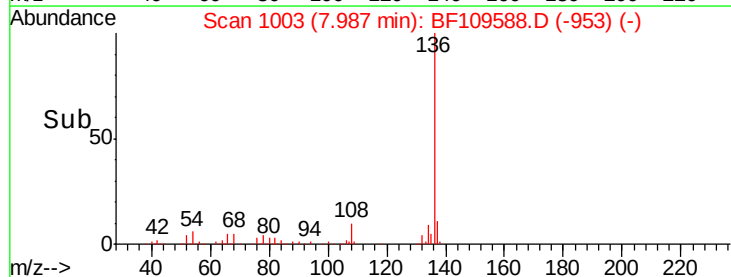
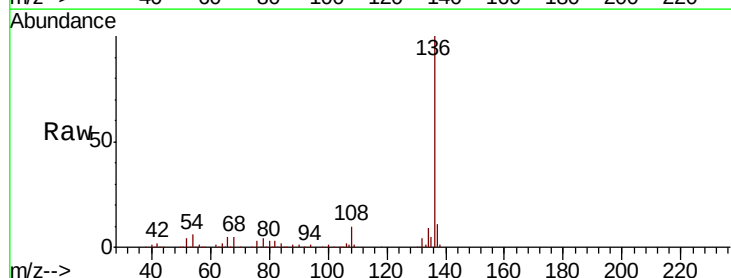
Instrument :
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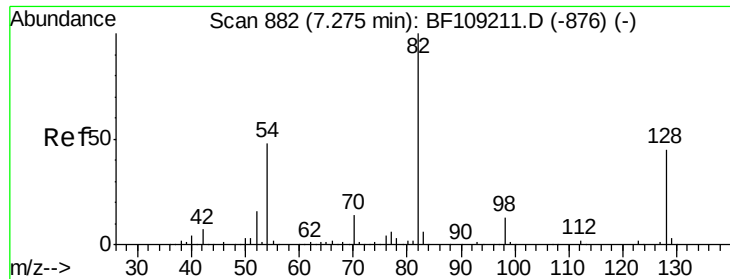
Tot Ion: 70 Resp: 87840
Ion Ratio Lower Upper
70 100
42 47.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion: 136 Resp: 378528
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.4 6.6 9.8#
68 5.0 5.0 7.4

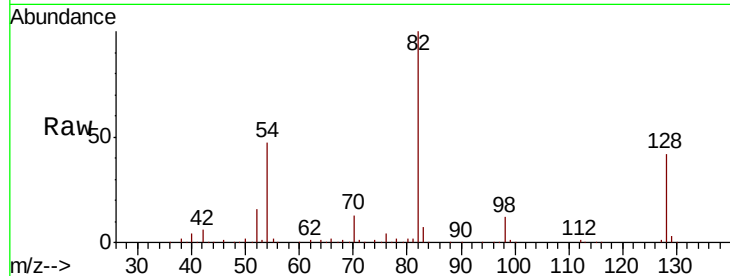




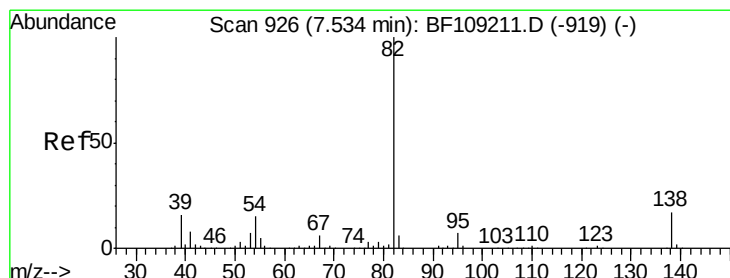
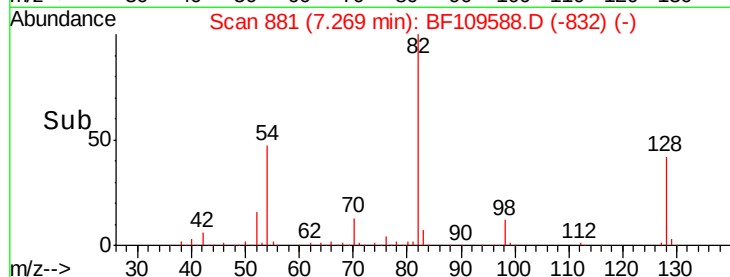
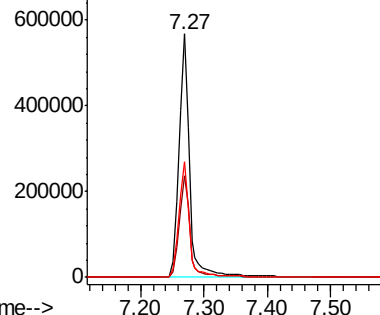
#23
Nitrobenzene-d5
Concen: 102.470 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-D-S

Tot Ion: 82 Resp: 657071
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 47.4 41.4 62.2

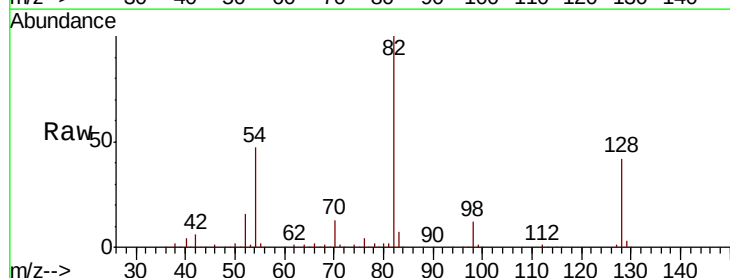


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

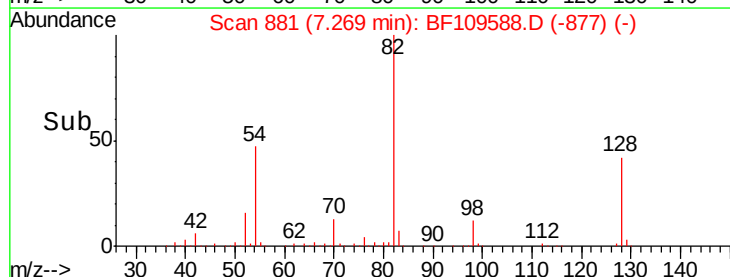
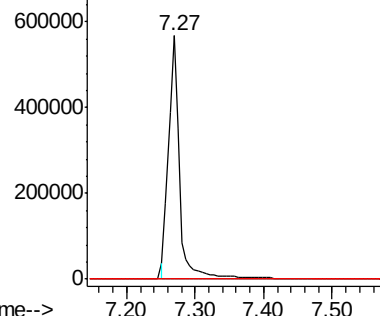


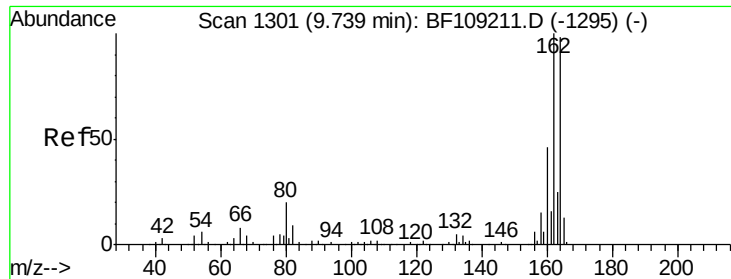
#25
Isophorone
Concen: 54.180 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion: 82 Resp: 625607
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

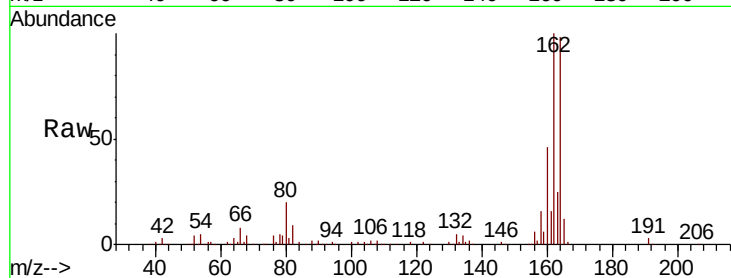




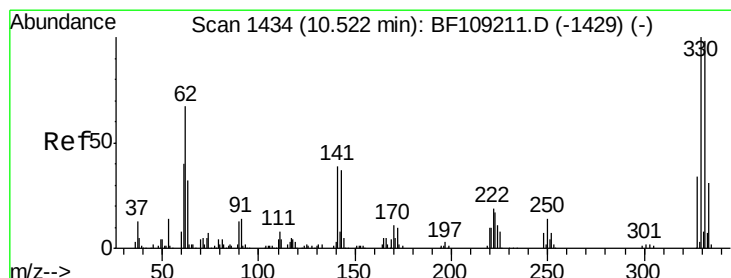
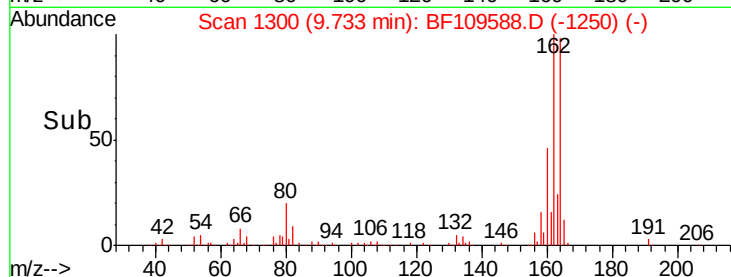
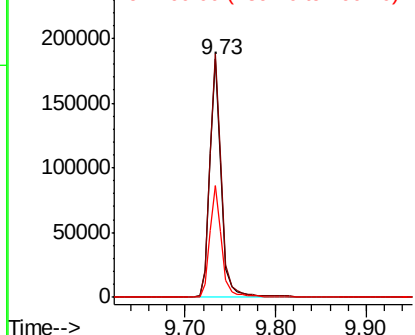
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Instrument :
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 100118-JETT-E-D-S

Tot Ion:164 Resp: 167704
 Ion Ratio Lower Upper
 164 100
 162 102.1 86.1 129.1
 160 47.1 38.3 57.5

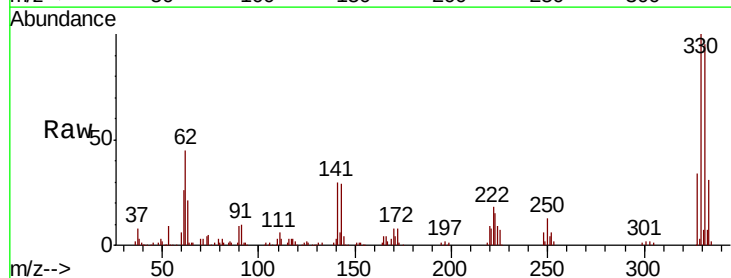


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

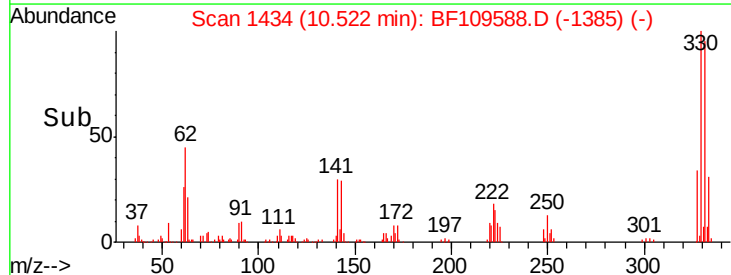
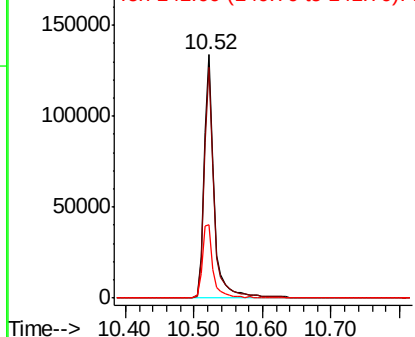


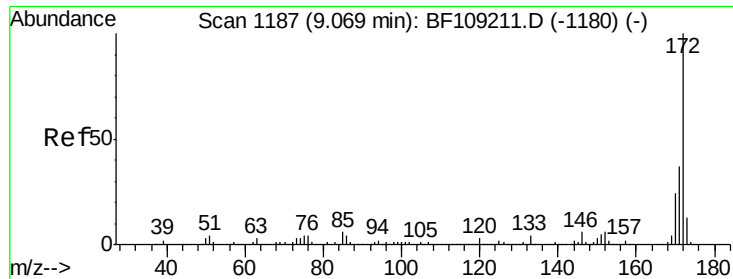
#41
 2,4,6-Tribromophenol
 Concen: 85.318 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Tgt Ion:330 Resp: 141048
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 32.6 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

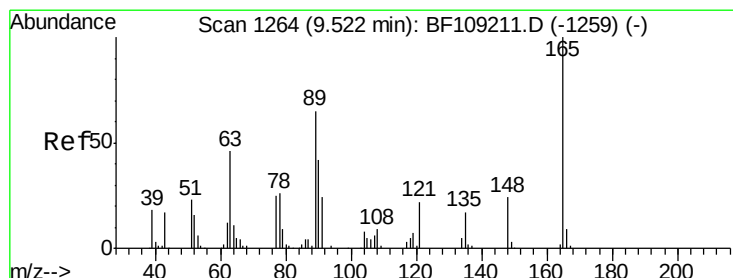
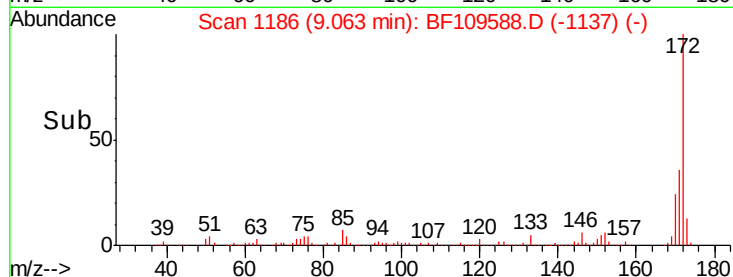
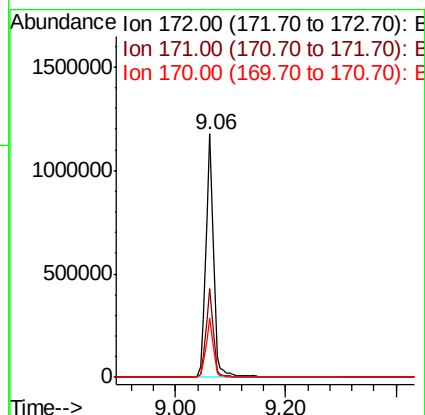
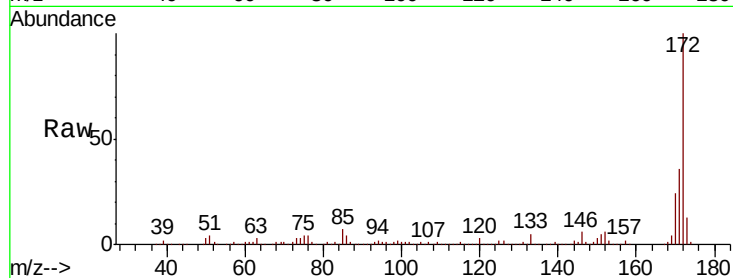




#44
2-Fluorobiphenyl
Concen: 103.268 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

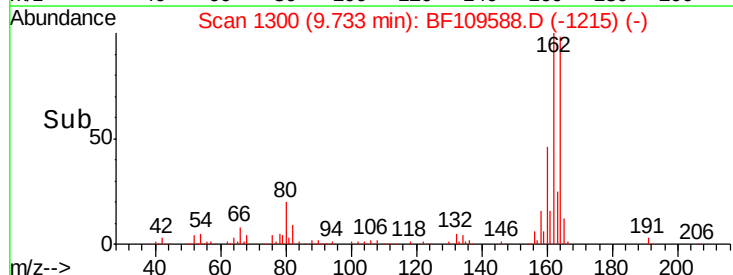
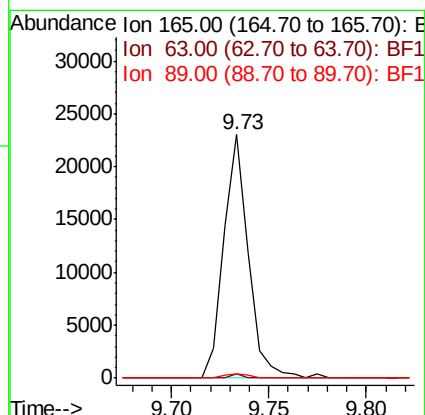
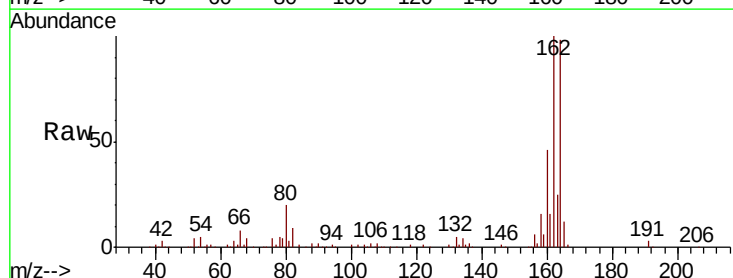
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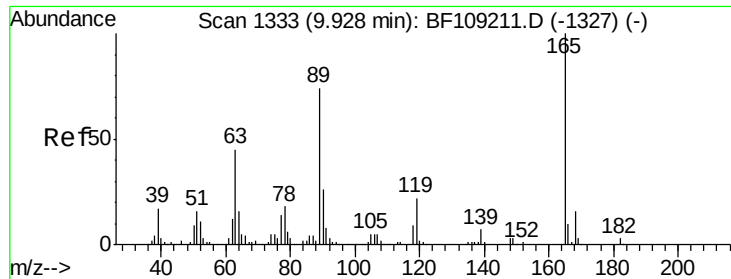
Tot Ion:172 Resp: 1148289
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.2 19.6 29.4



#50
2,6-Dinitrotoluene
Concen: 8.379 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.20 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion:165 Resp: 20242
Ion Ratio Lower Upper
165 100
63 1.5 44.7 67.1#
89 1.6 44.0 66.0#

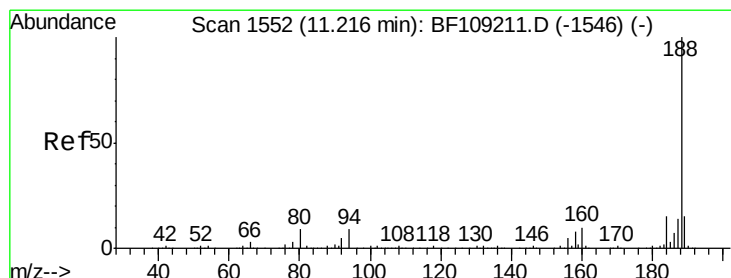
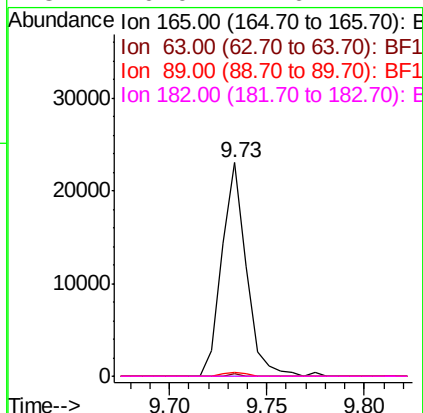
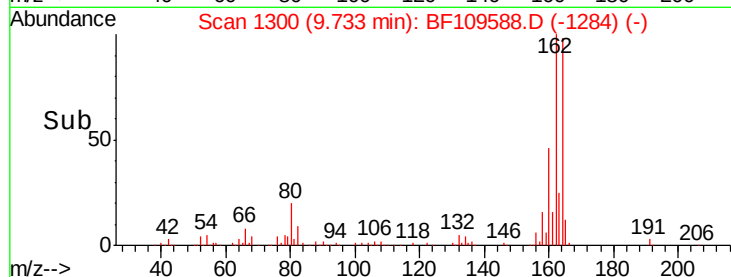
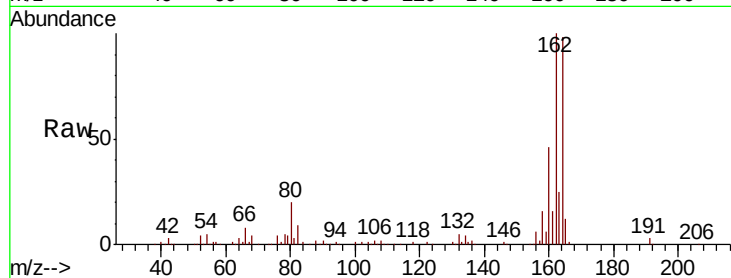




#56
2,4-Dinitrotoluene
Concen: 6.622 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

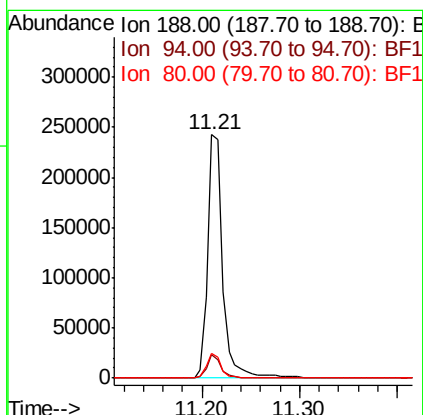
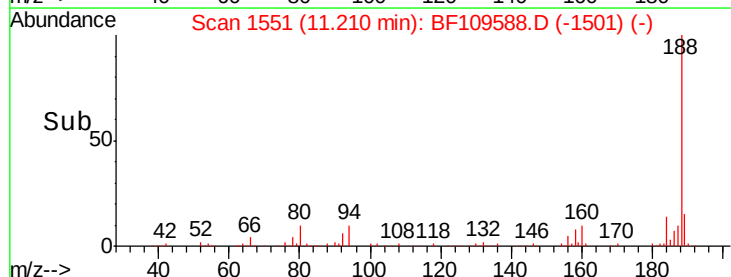
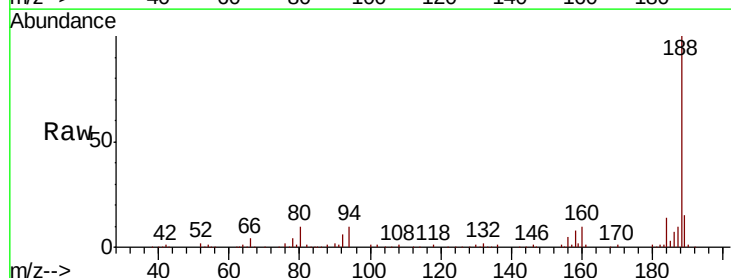
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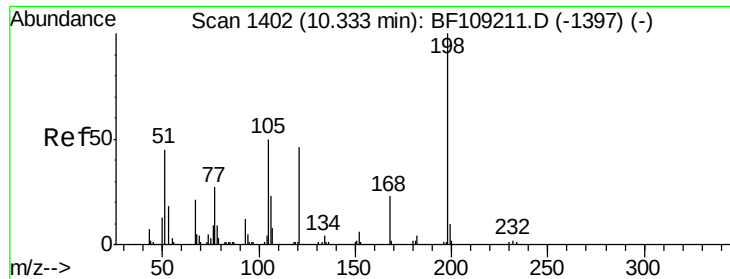
Tot Ion:165 Resp: 20242
Ion Ratio Lower Upper
165 100
63 1.5 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Tgt Ion:188 Resp: 259912
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8

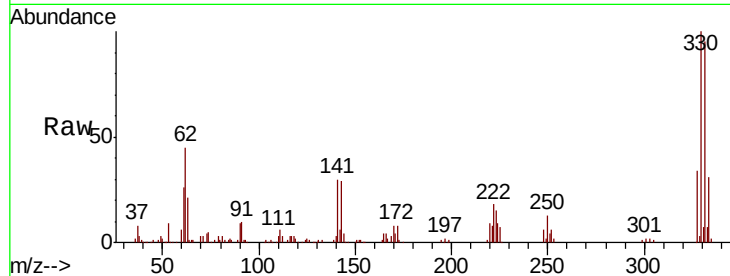




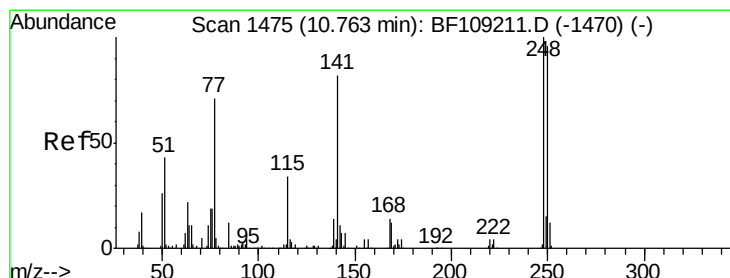
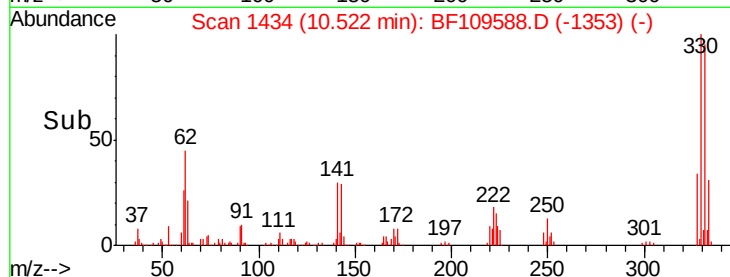
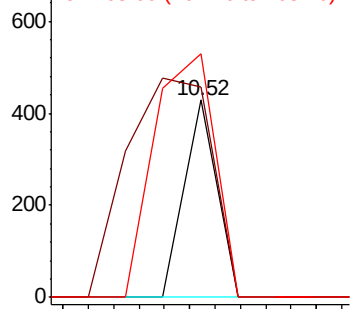
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.645 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Instrument :
 BNA_G
 ClientSampleId :
 100118-JETT-E-D-S

Tot Ion:198 Resp: 151
 Ion Ratio Lower Upper
 198 100
 51 106.5 37.7 77.7#
 105 123.6 36.3 76.3#

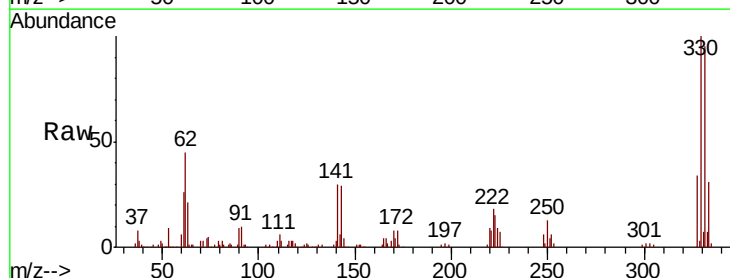


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

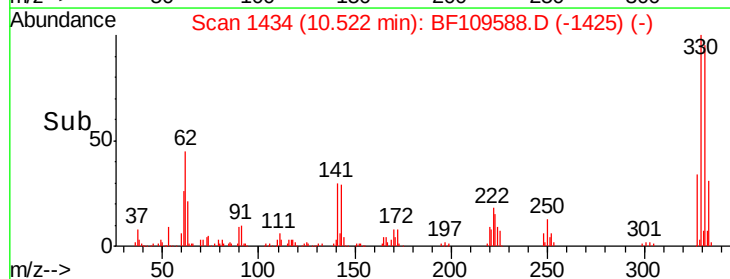
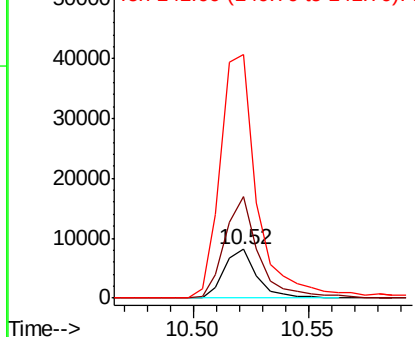


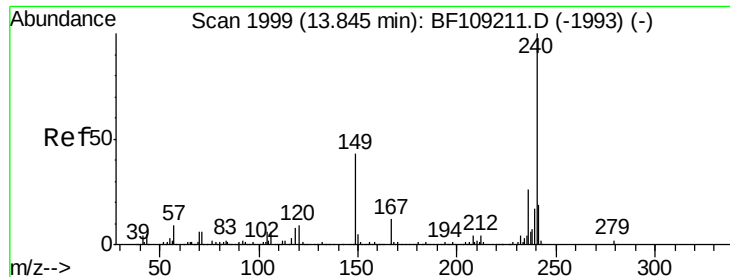
#66
 4-Bromophenyl-phenylether
 Concen: 2.824 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109588.D
 Acq: 4 Oct 2018 15:56

Tgt Ion:248 Resp: 8152
 Ion Ratio Lower Upper
 248 100
 250 207.7 76.9 115.3#
 141 501.0 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: BF109588.D

Acq: 4 Oct 2018 15:56

Instrument :

BNA_G

ClientSampleId :

100118-JETT-E-D-S

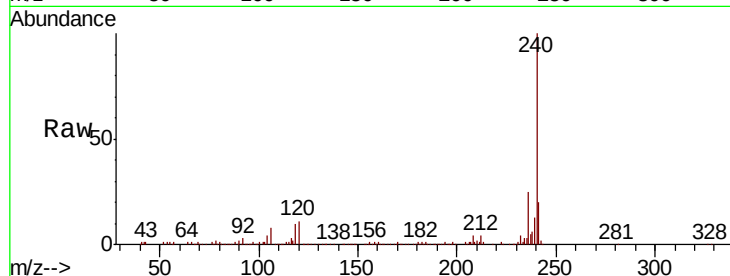
Tot Ion:240 Resp: 217919

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

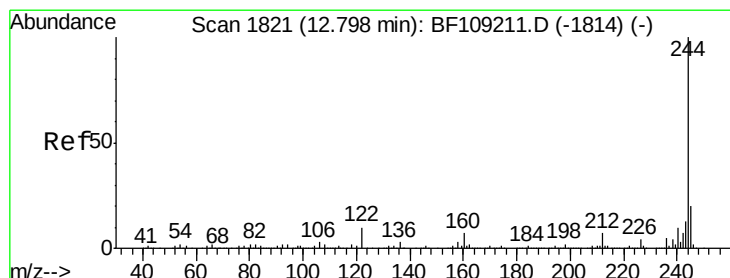
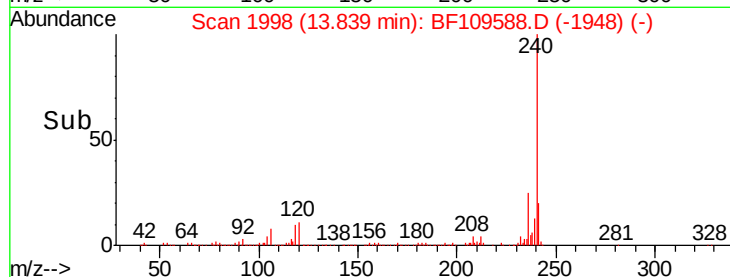
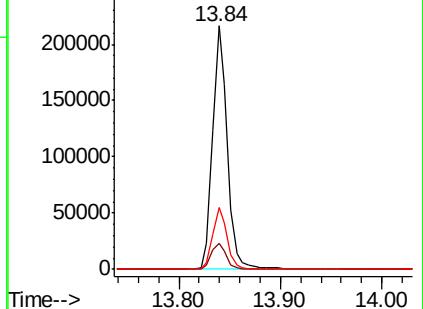
236 25.5 20.7 31.1



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: 93.088 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109588.D

Acq: 4 Oct 2018 15:56

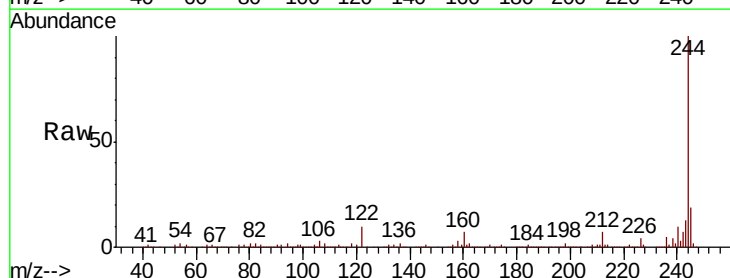
Tgt Ion:244 Resp: 826581

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

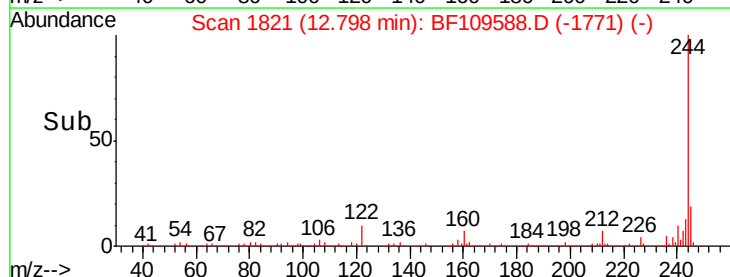
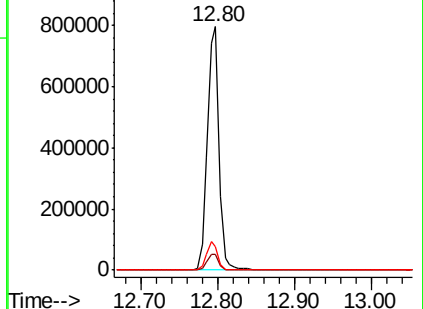
122 9.8 11.0 16.4#

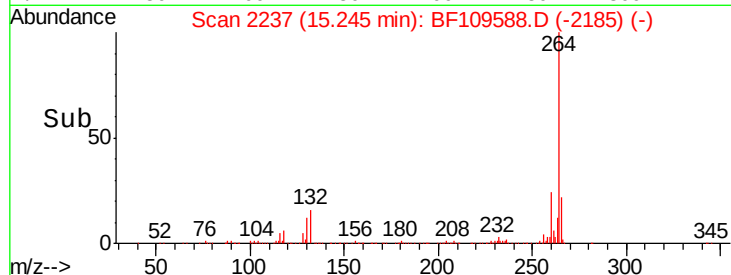
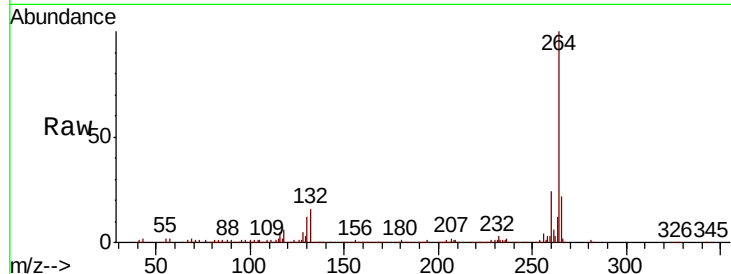
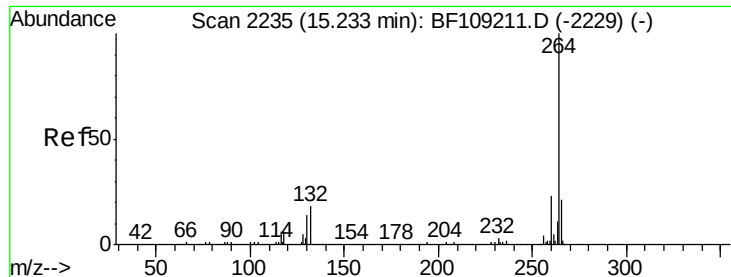


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109588.D
Acq: 4 Oct 2018 15:56

Instrument :
BNA_G
ClientSampleId :
100118-JETT-E-D-S

Tot Ion:	264	Resp:	214692
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3

