

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109839.D
 Acq On : 12 Oct 2018 17:45
 Operator : JU/SJ
 Sample : J5371-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-B

Quant Time: Oct 12 22:20:28 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	111258	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	471437	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	228338	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	423737	20.00	ng	0.00
75) Chrysene-d12	13.83	240	271279	20.00	ng	0.00
86) Perylene-d12	15.23	264	219415	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	256884	40.98	ng	-0.01
7) Phenol-d6	6.34	99	234050	27.95	ng	-0.02
23) Nitrobenzene-d5	7.26	82	863915	101.01	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	223977	90.02	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1502865	90.65	ng	0.00
78) Terphenyl-d14	12.79	244	1340518	95.66	ng	0.00

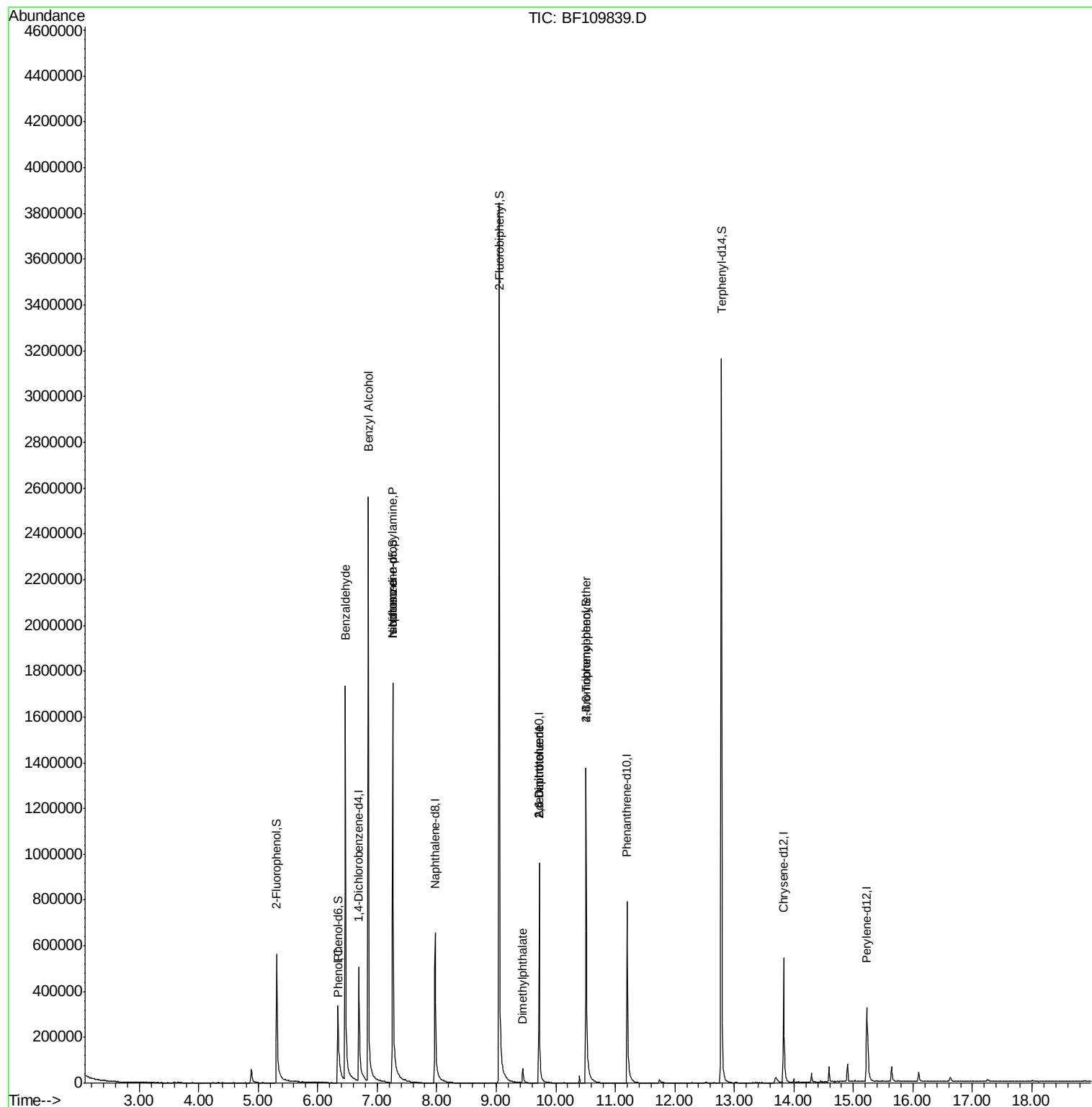
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	13261	2.461	ng	# 73
10) Phenol	6.36	94	20902	2.177	ng	# 84
15) Benzyl Alcohol	6.85	79	12484	2.011	ng	# 47
19) n-Nitroso-di-n-propylamine	7.26	70	112706	19.194	ng	# 77
25) Isophorone	7.26	82	873480	61.505	ng	# 67
49) Dimethylphthalate	9.45	163	44915	2.682	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	27541	7.587	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	27541	6.079	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	13333	2.738	ng	# 1

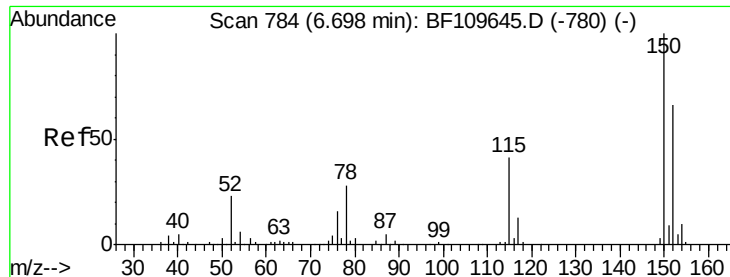
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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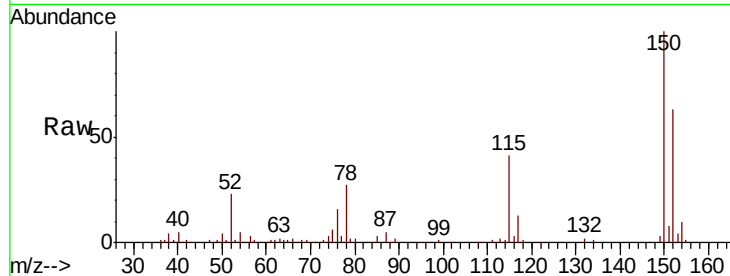




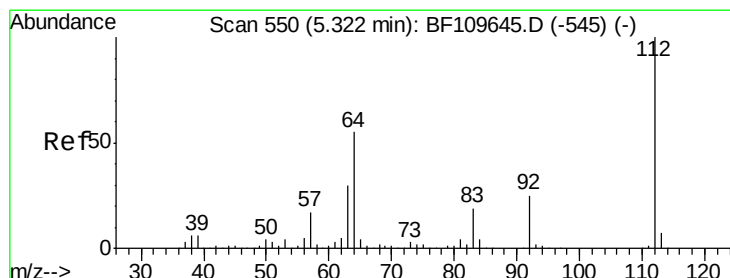
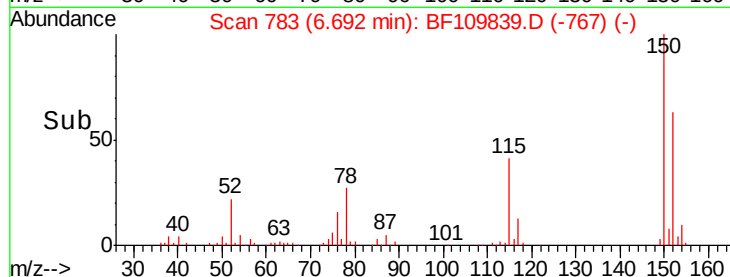
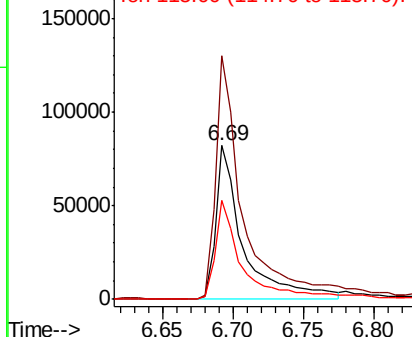
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

Instrument :
 BNA_F
 ClientSampleId :
 100818-SIDI-E-U-B

Tgt Ion:152 Resp: 111258
 Ion Ratio Lower Upper
 152 100
 150 158.2 122.7 184.1
 115 64.4 49.1 73.7

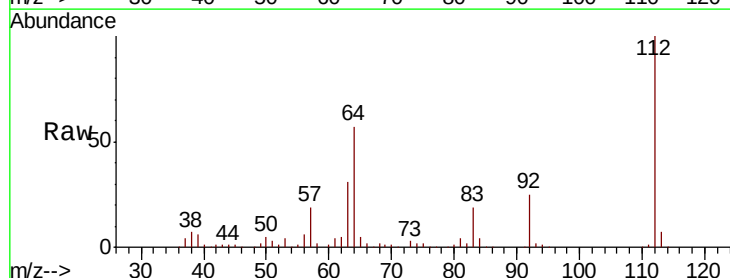


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

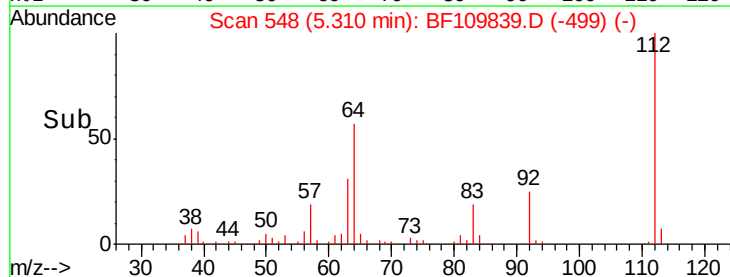
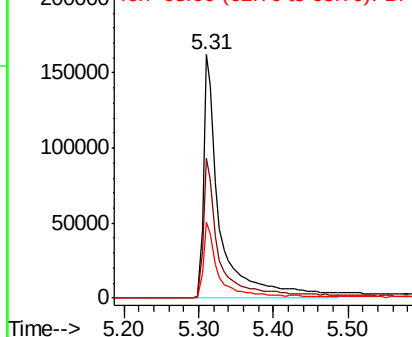


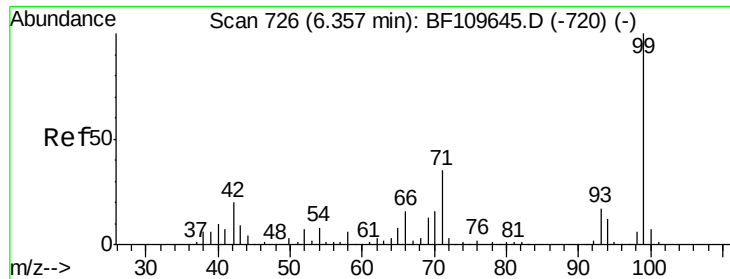
#5
 2-Fluorophenol
 Concen: 40.984 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

Tgt Ion:112 Resp: 256884
 Ion Ratio Lower Upper
 112 100
 64 57.4 44.1 66.1
 63 31.1 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: 27.952 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-B

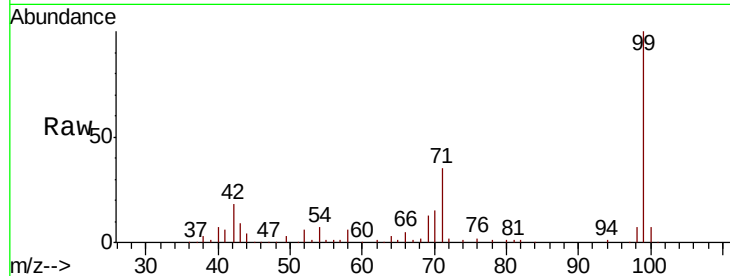
Tgt Ion: 99 Resp: 234050

Ion Ratio Lower Upper

99 100

42 17.7 15.8 23.6

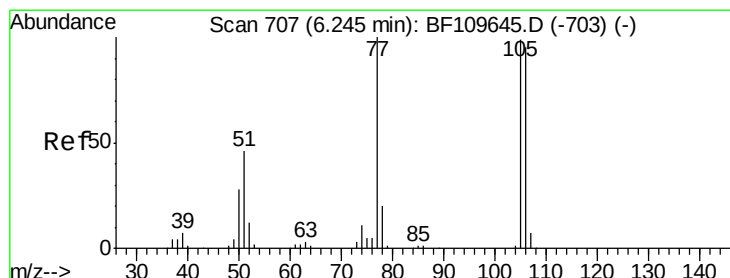
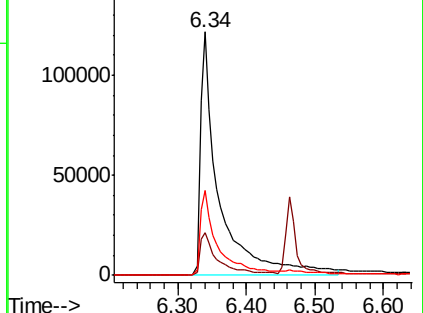
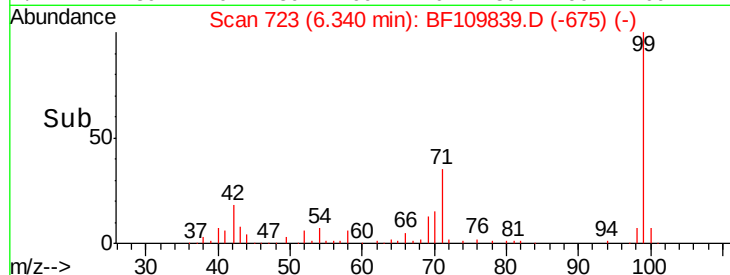
71 34.8 28.0 42.0



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: 2.461 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

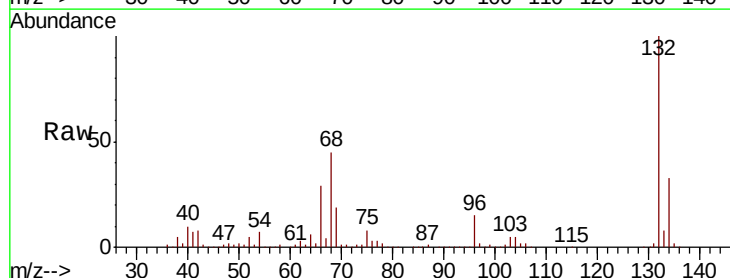
Tgt Ion: 77 Resp: 13261

Ion Ratio Lower Upper

77 100

105 74.9 78.6 118.6#

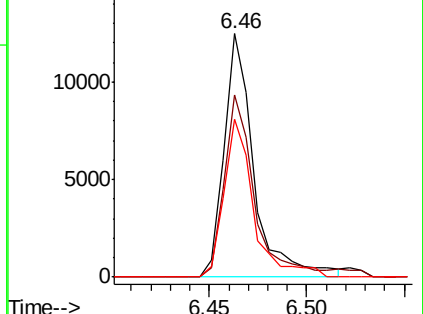
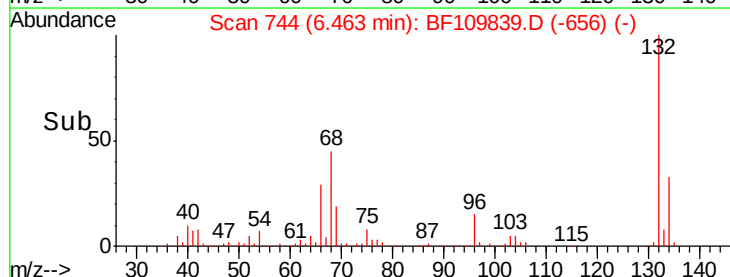
106 65.1 74.8 114.8#

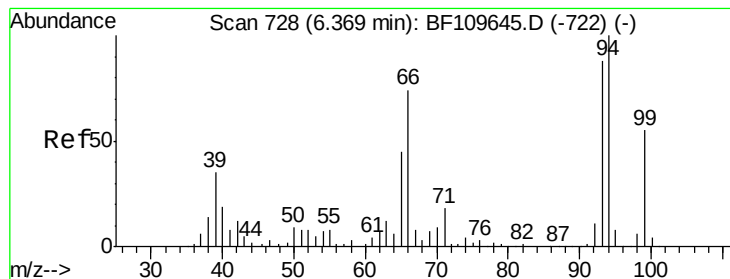


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.177 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

Instrument :

BNA_F

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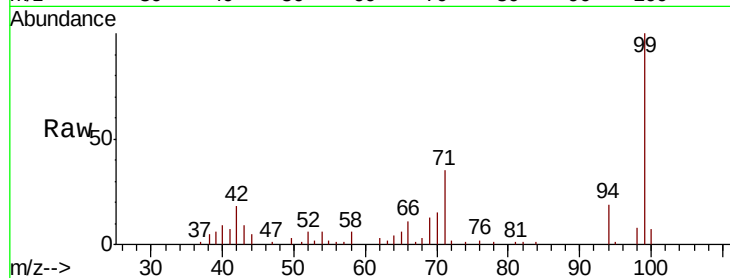
Tgt Ion: 94 Resp: 20902

Ion Ratio Lower Upper

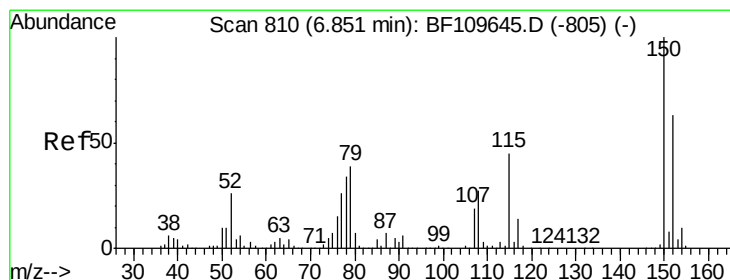
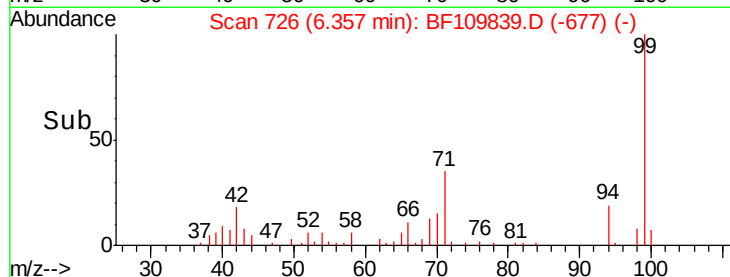
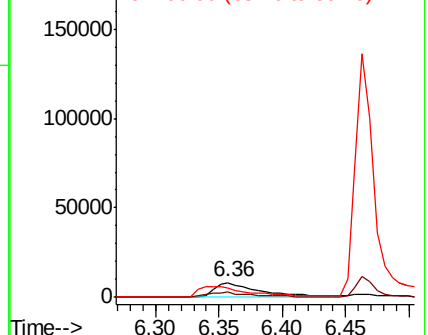
94 100

65 34.1 25.3 65.3

66 60.9 54.5 94.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#15

Benzyl Alcohol

Concen: 2.011 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

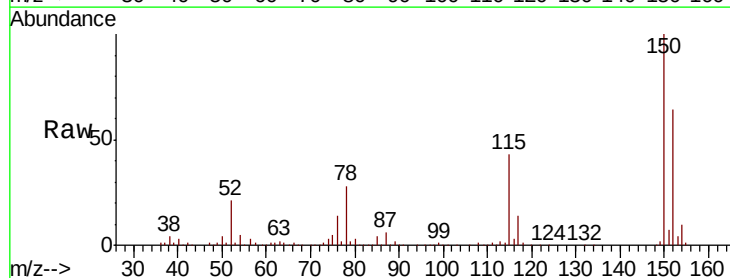
Tgt Ion: 79 Resp: 12484

Ion Ratio Lower Upper

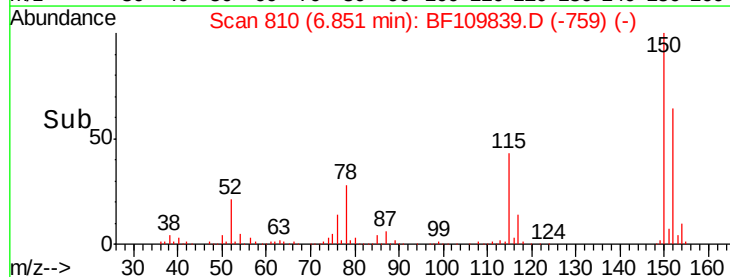
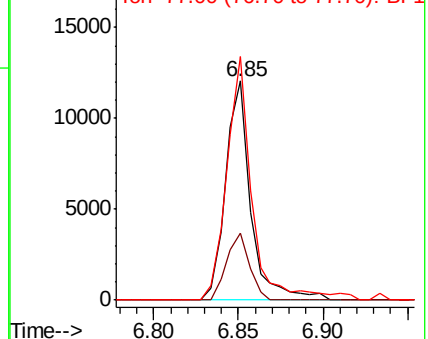
79 100

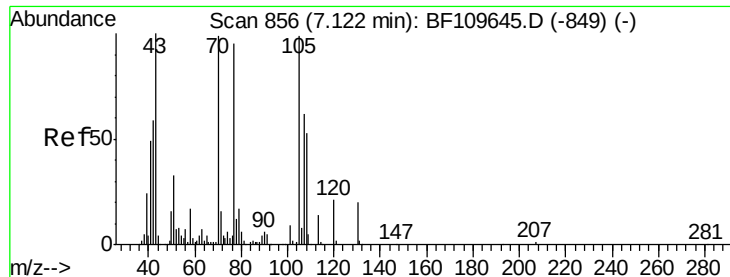
108 30.4 56.3 84.5#

77 111.3 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

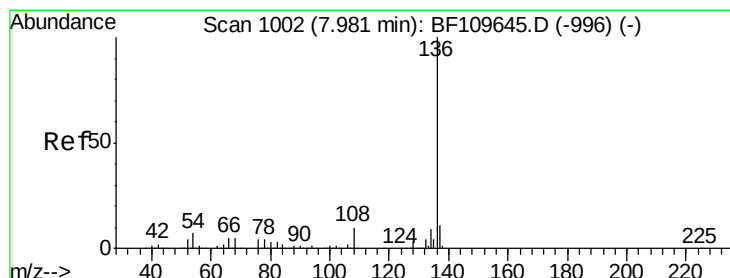
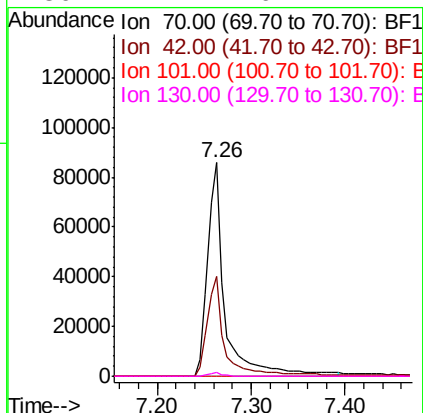
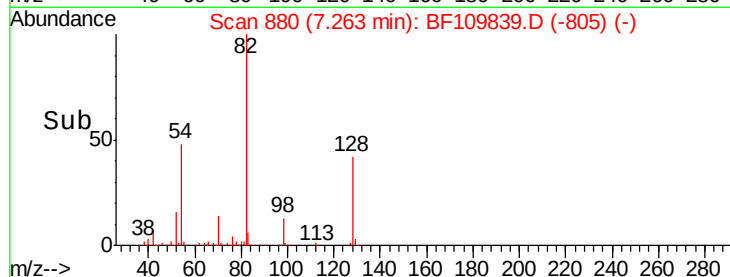
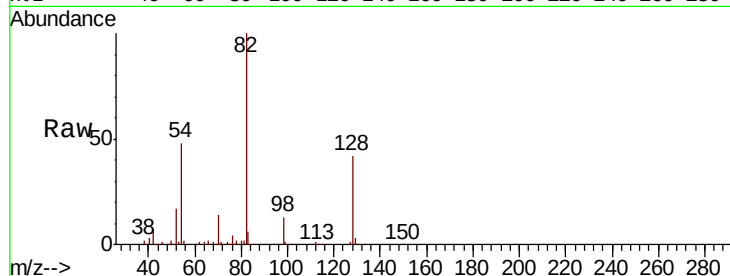




#19
n-Nitroso-di-n-propylamine
Concen: 19.194 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

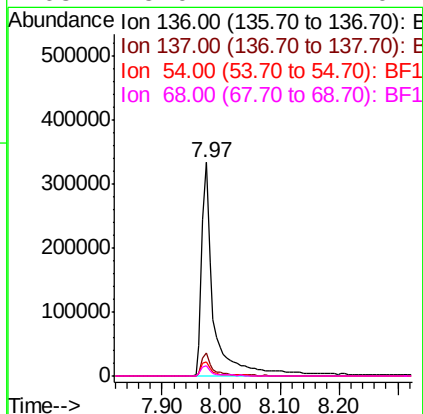
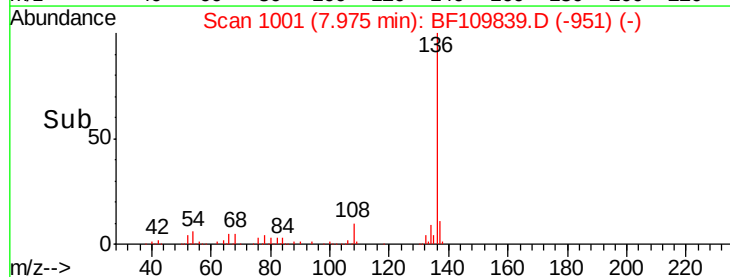
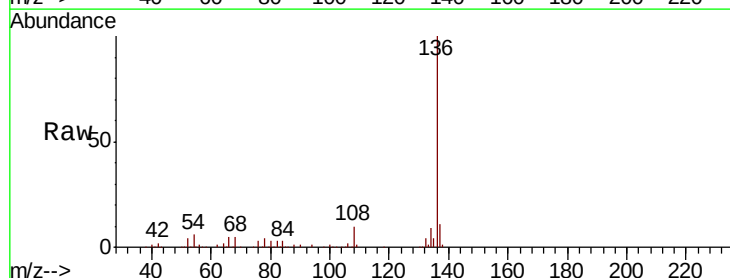
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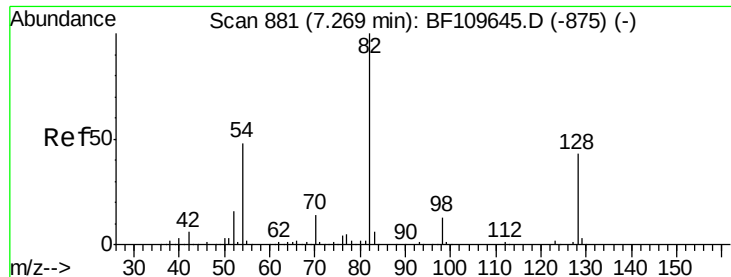
Tgt Ion: 70 Resp: 112706
Ion Ratio Lower Upper
70 100
42 46.5 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion: 136 Resp: 471437
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.5 5.4 8.2
68 5.0 4.2 6.2

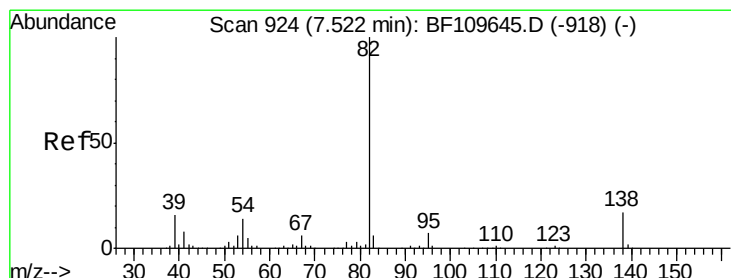
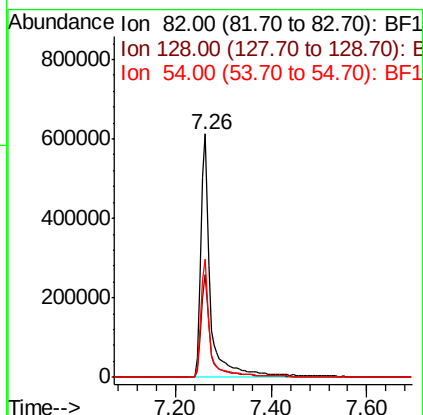
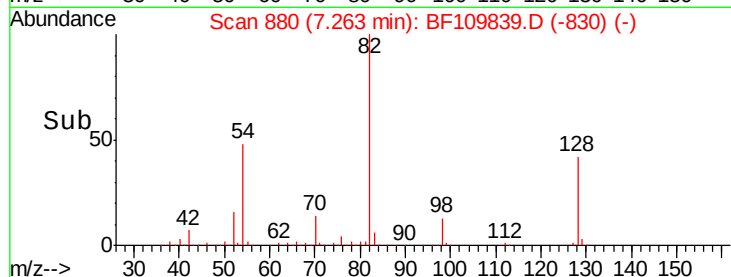
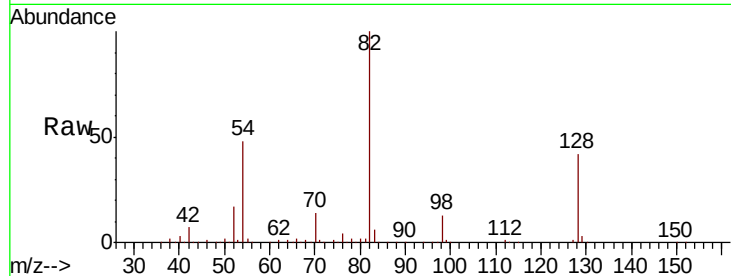




#23
Nitrobenzene-d5
Concen: 101.014 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

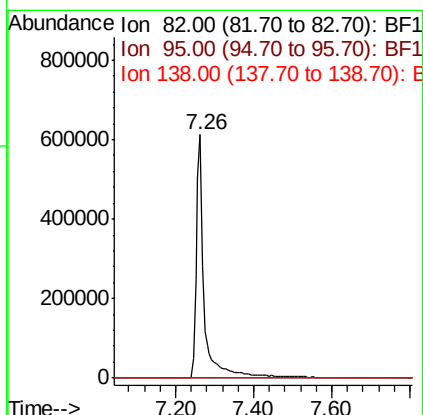
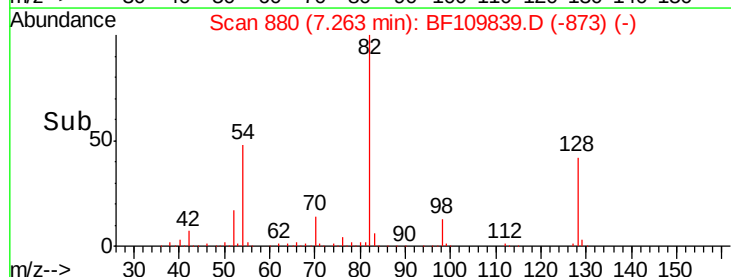
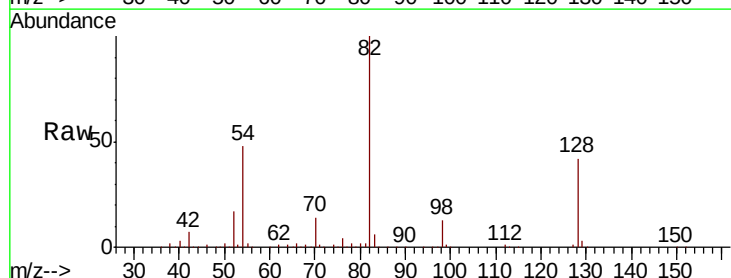
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ClientSampleId :
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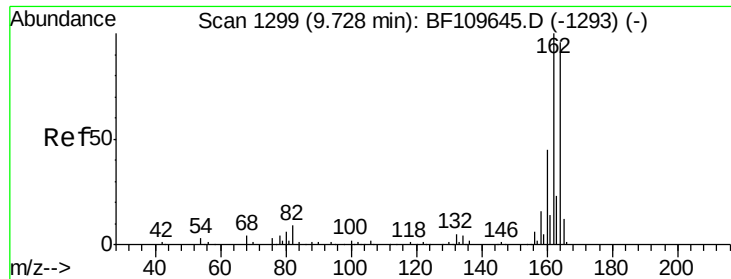
Tgt Ion: 82 Resp: 863915
Ion Ratio Lower Upper
82 100
128 42.4 34.2 51.2
54 48.4 38.6 58.0



#25
Isophorone
Concen: 61.505 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion: 82 Resp: 873480
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

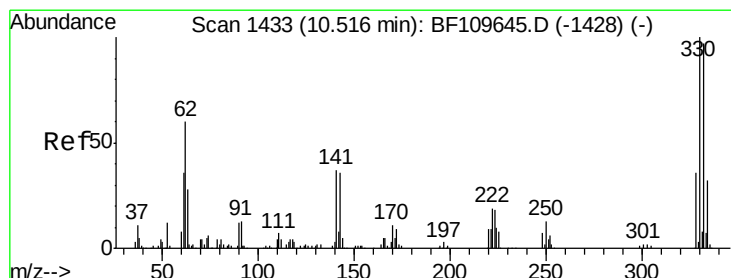
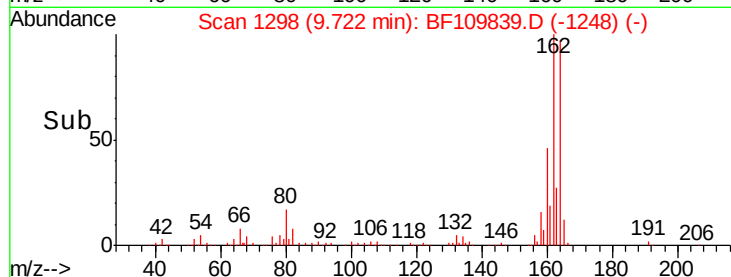
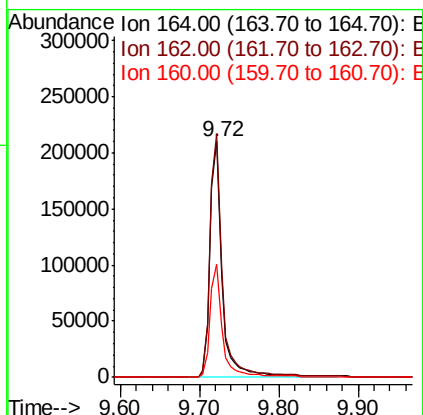
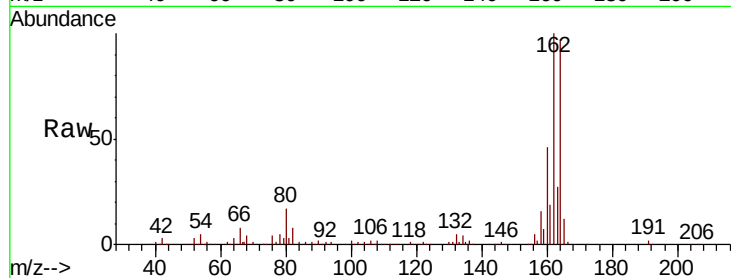




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

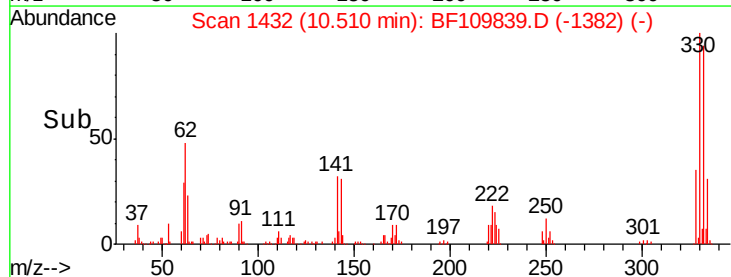
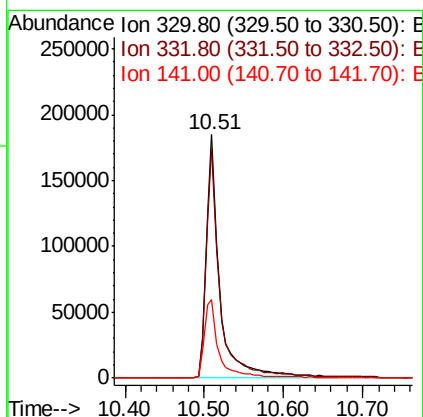
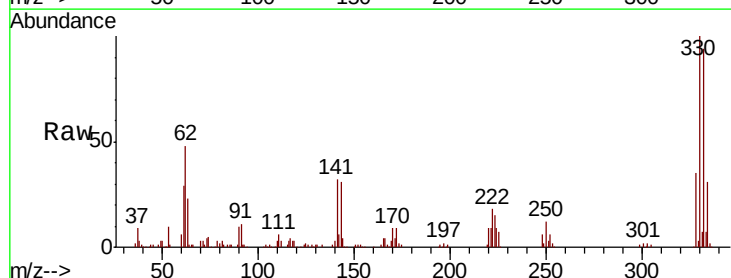
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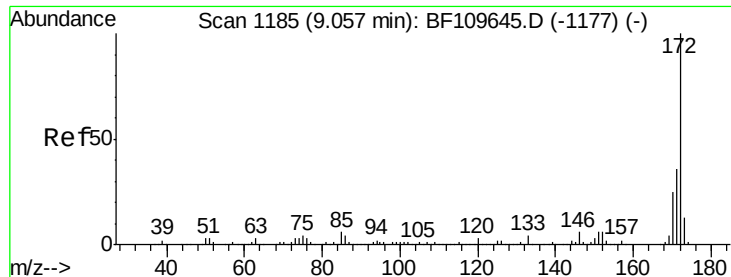
Tgt Ion:164 Resp: 228338
 Ion Ratio Lower Upper
 164 100
 162 103.4 83.0 124.6
 160 47.8 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 90.023 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109839.D
 Acq: 12 Oct 2018 17:45

Tgt Ion:330 Resp: 223977
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.1 115.7
 141 35.5 27.0 40.4

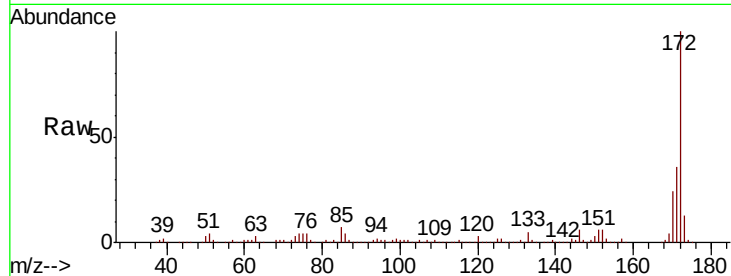




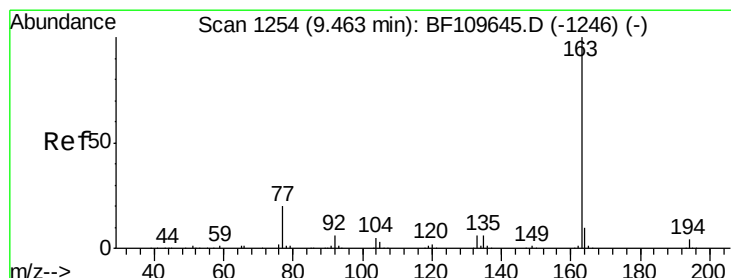
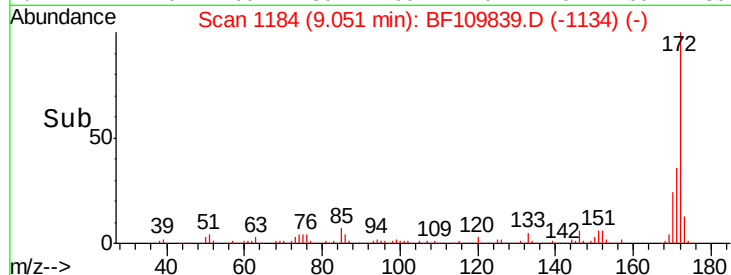
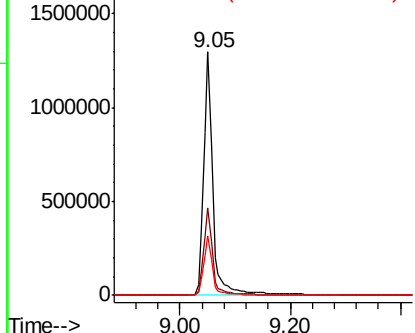
#44
2-Fluorobiphenyl
Concen: 90.647 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

Tgt Ion:172 Resp: 1502865
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.4 19.7 29.5

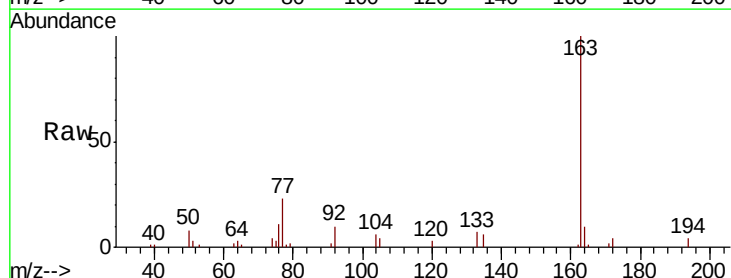


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

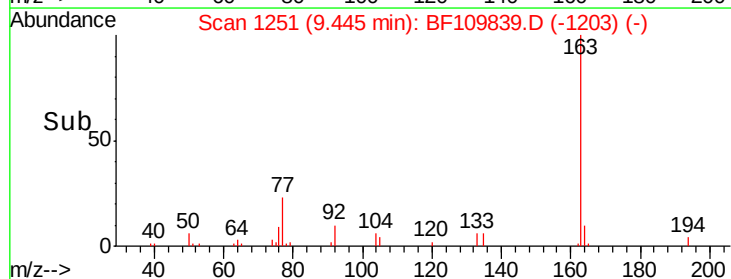
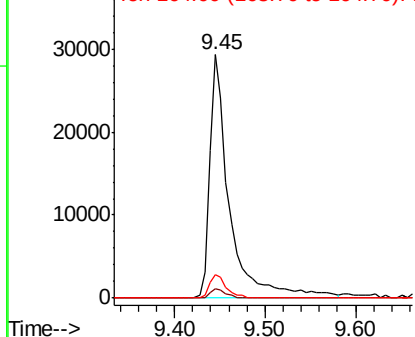


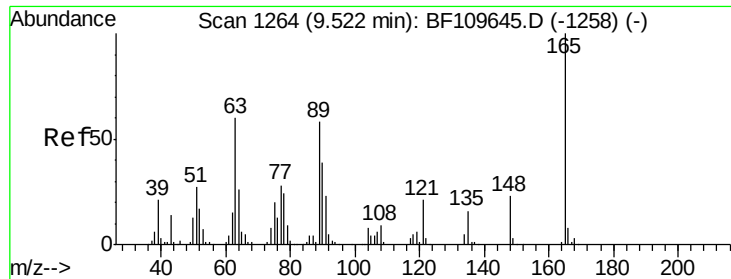
#49
Dimethylphthalate
Concen: 2.682 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion:163 Resp: 44915
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.7 8.1 12.1



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

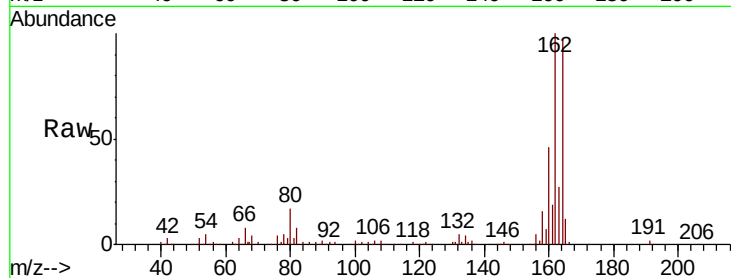




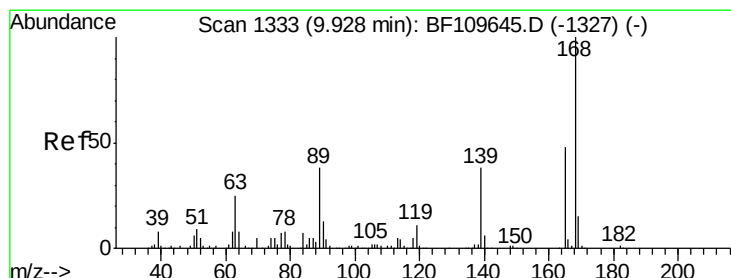
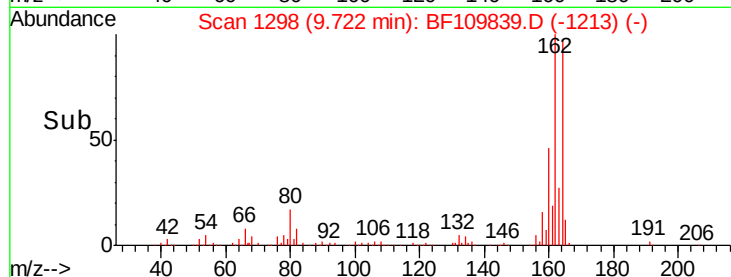
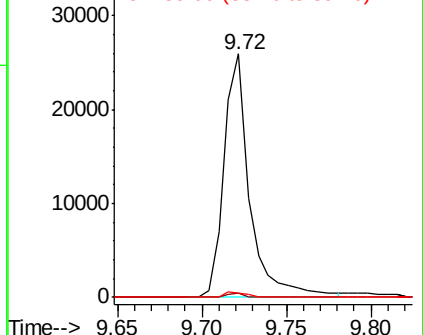
#50
2,6-Dinitrotoluene
Concen: 7.587 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

Tgt Ion:165 Resp: 27541
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 2.0 46.6 69.8#

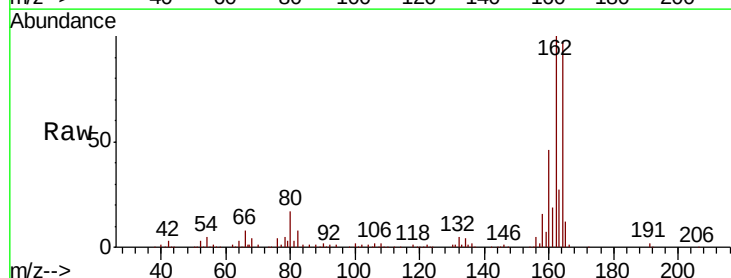


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

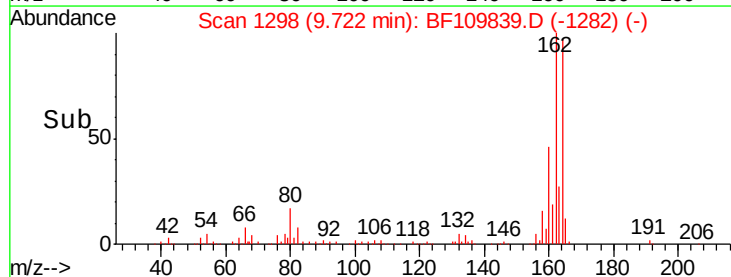
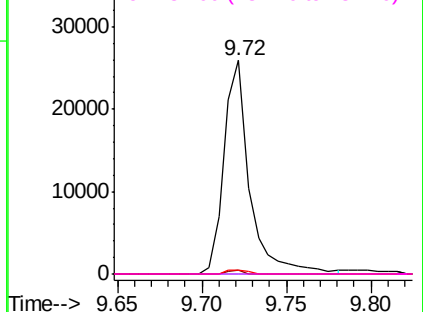


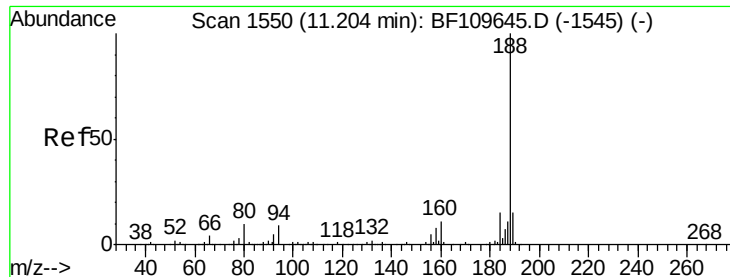
#56
2,4-Dinitrotoluene
Concen: 6.079 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion:165 Resp: 27541
Ion Ratio Lower Upper
165 100
63 1.6 44.8 67.2#
89 2.0 62.2 93.4#
182 0.0 2.1 3.1#



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

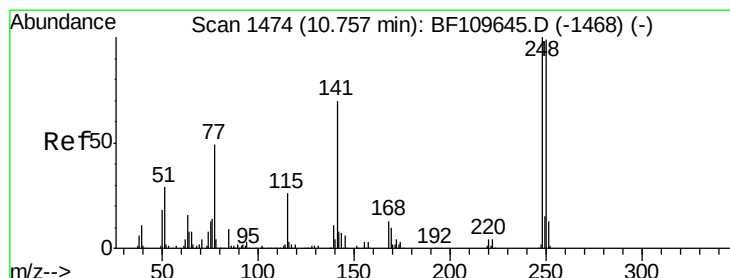
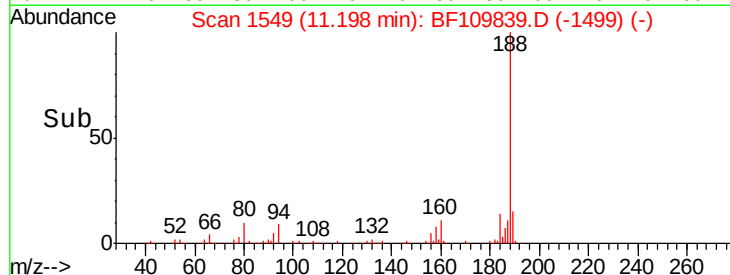
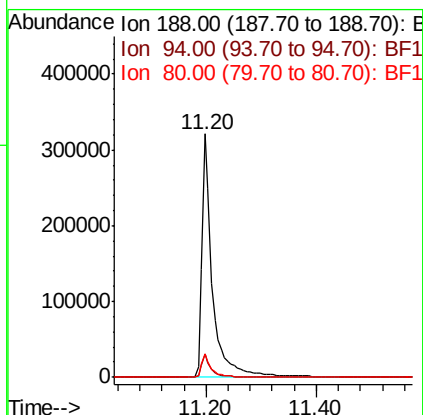
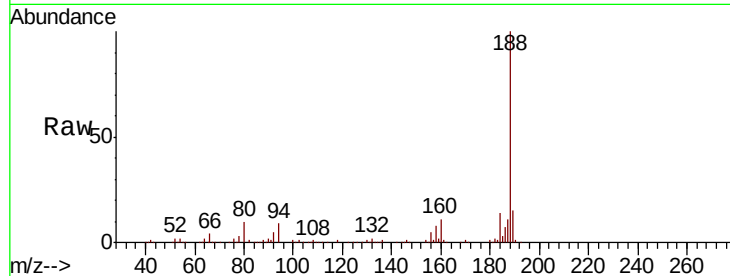




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

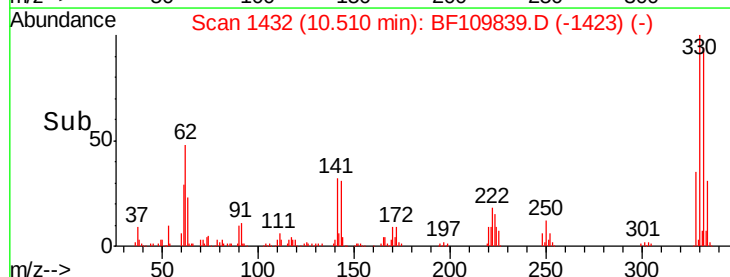
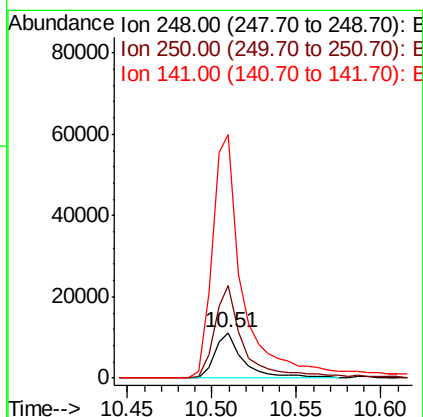
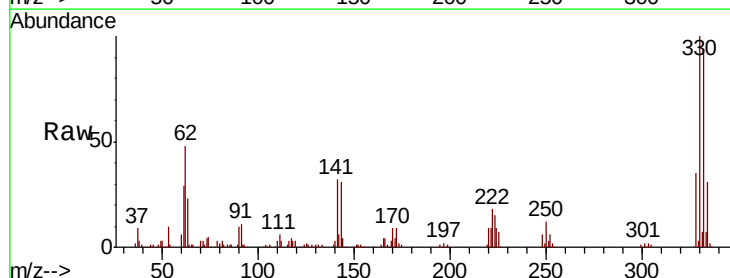
Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

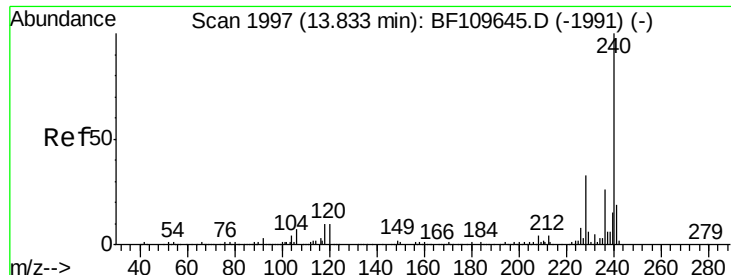
Tgt Ion:188 Resp: 423737
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.7 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.738 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109839.D
Acq: 12 Oct 2018 17:45

Tgt Ion:248 Resp: 13333
Ion Ratio Lower Upper
248 100
250 202.2 79.4 119.2#
141 531.3 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

Instrument :

BNA_F

ClientSampleId :

100818-SIDI-E-U-B

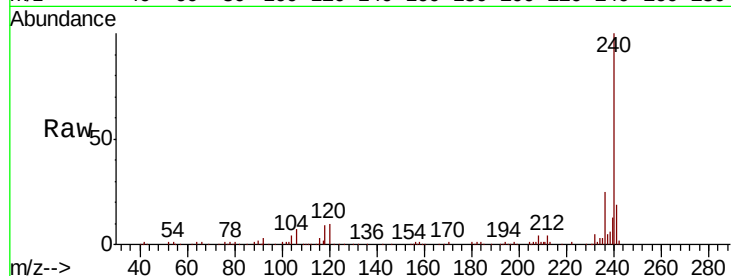
Tgt Ion:240 Resp: 271279

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

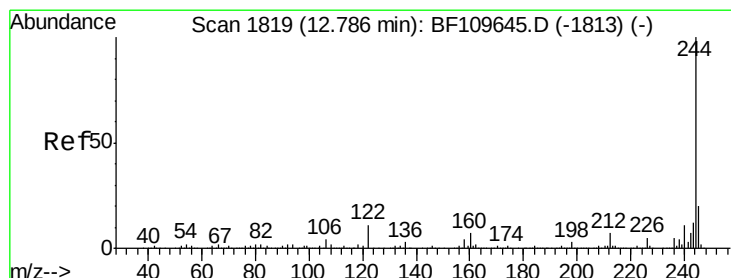
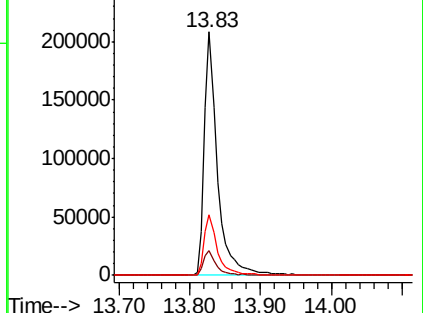
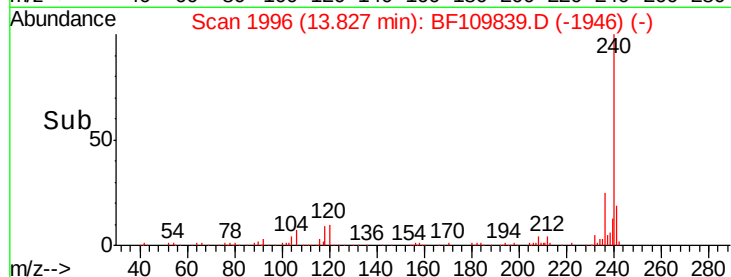
236 25.0 21.2 31.8



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: 95.659 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.00 min

Lab File: BF109839.D

Acq: 12 Oct 2018 17:45

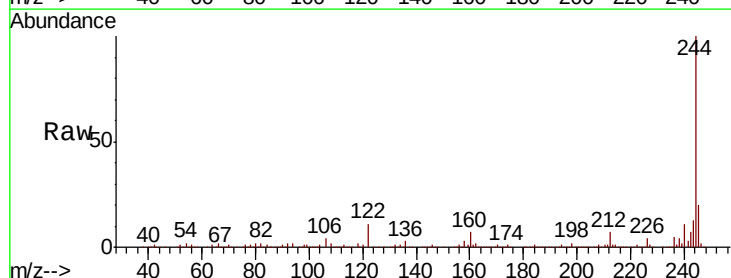
Tgt Ion:244 Resp: 1340518

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

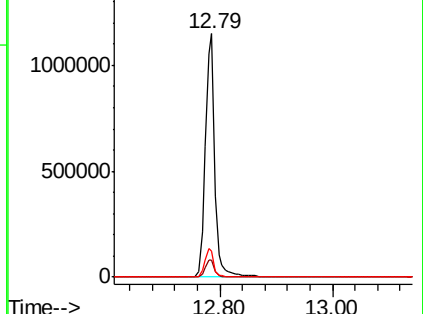
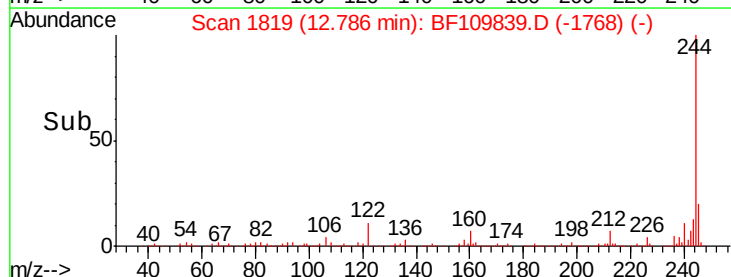
122 10.7 8.7 13.1

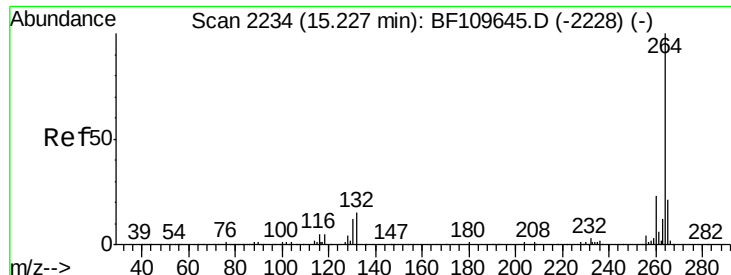


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109839.D
Acq: 12 Oct 2018 17:45

Instrument :
BNA_F
ClientSampleId :
100818-SIDI-E-U-B

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.2	16.7	25.1

