

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100818\
 Data File : BF109675.D
 Acq On : 9 Oct 2018 4:01
 Operator : JU/SJ
 Sample : J5299-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 05:36:42 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

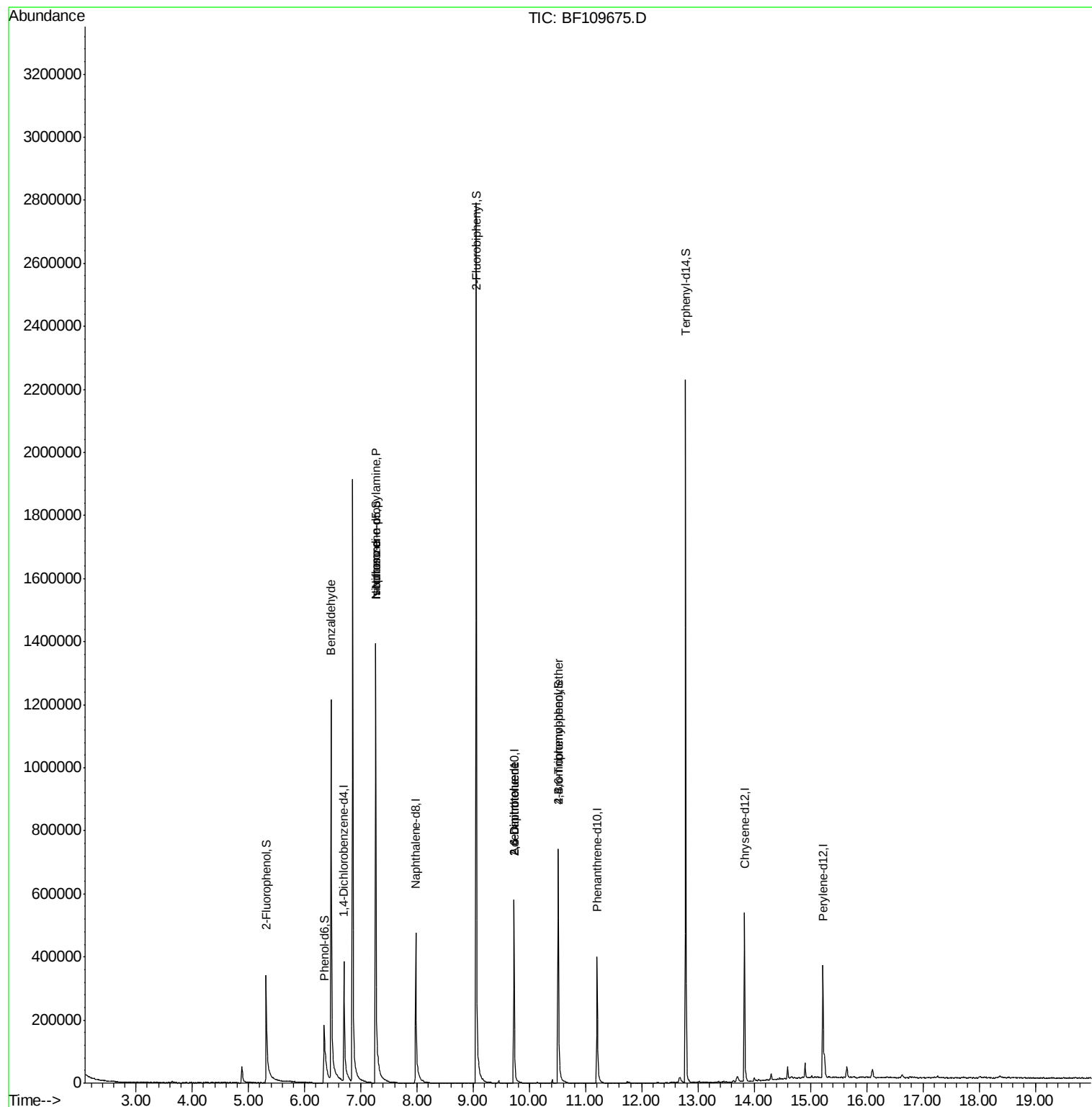
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	92861	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	349684	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	138370	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	222917	20.00	ng	0.00
75) Chrysene-d12	13.83	240	211369	20.00	ng	0.00
86) Perylene-d12	15.22	264	183718	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	187157	35.77	ng	0.00
7) Phenol-d6	6.35	99	178942	25.60	ng	-0.01
23) Nitrobenzene-d5	7.26	82	625754	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	119348	79.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1017300	101.26	ng	0.00
78) Terphenyl-d14	12.78	244	816043	74.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.47	77	9724	2.162	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	82581	16.850	ng	# 76
25) Isophorone	7.26	82	625754	59.403	ng	# 67
50) 2,6-Dinitrotoluene	9.72	165	16172	7.352	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	16172	5.891	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	6694	2.613	ng	# 1

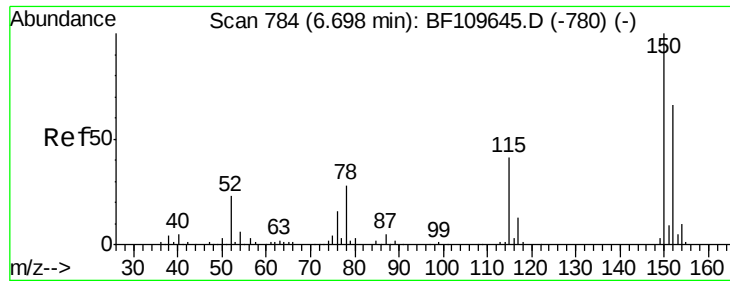
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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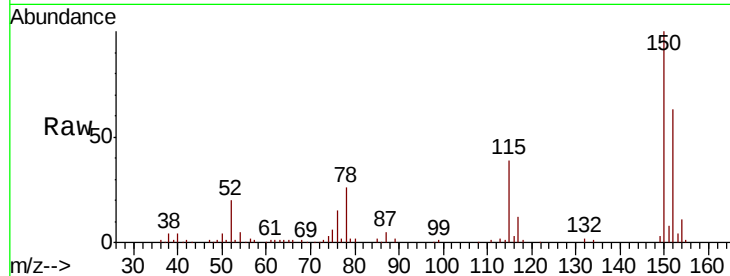


#1

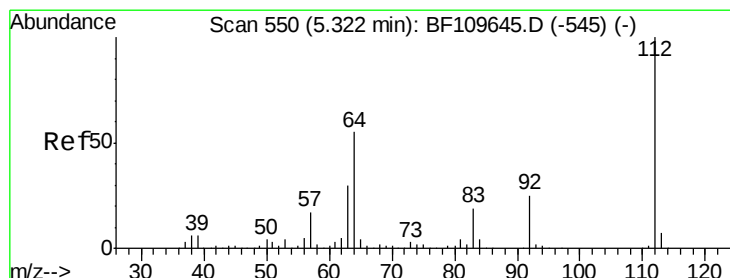
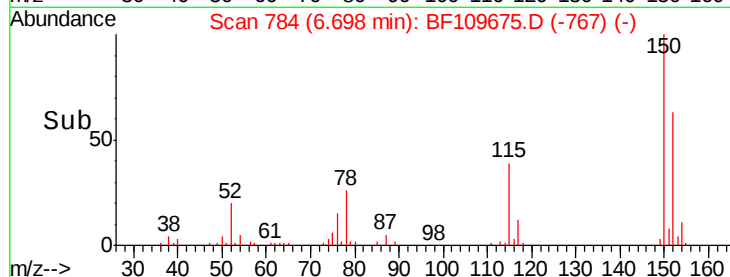
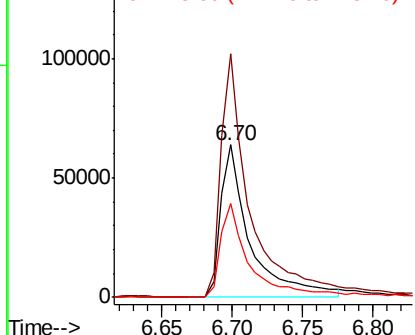
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 92861
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 61.7 49.1 73.7



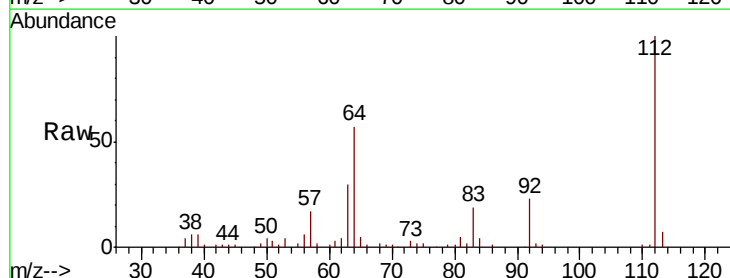
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



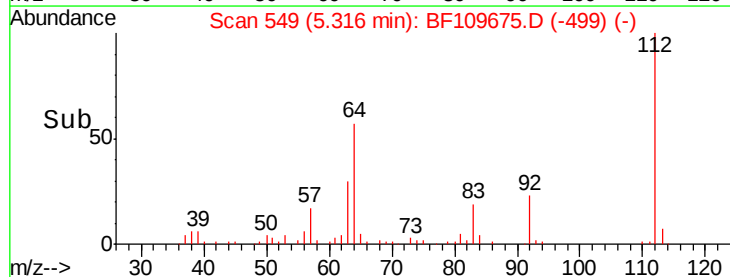
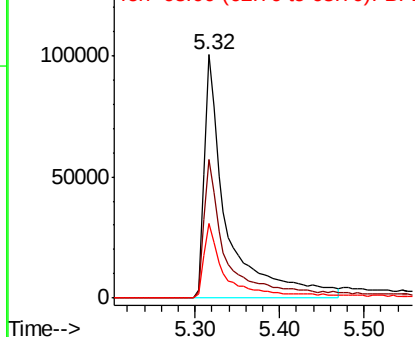
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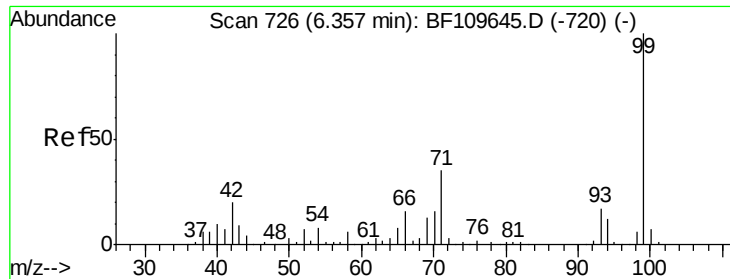
2-Fluorophenol
Concen: 35.775 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion:112 Resp: 187157
Ion Ratio Lower Upper
112 100
64 57.0 44.1 66.1
63 30.5 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: 25.604 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Instrument :

BNA_F

ClientSampleId :

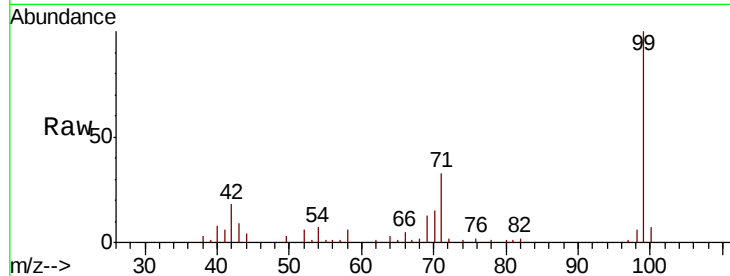
Tgt Ion: 99 Resp: 178942

Ion Ratio Lower Upper

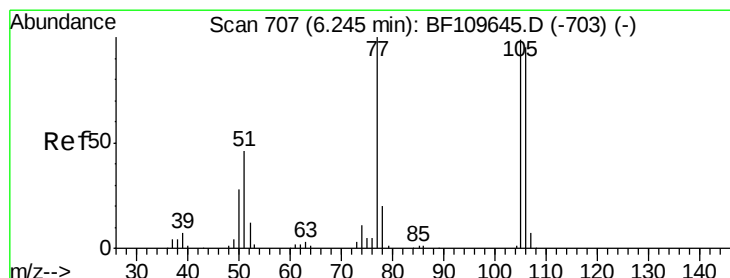
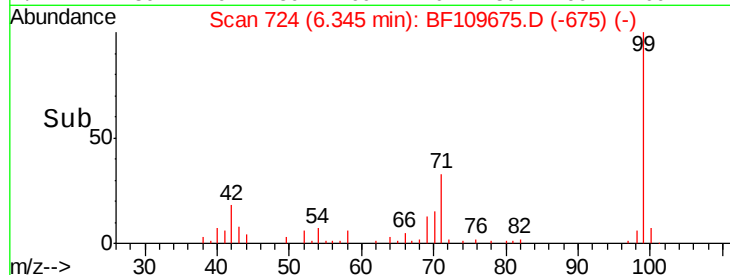
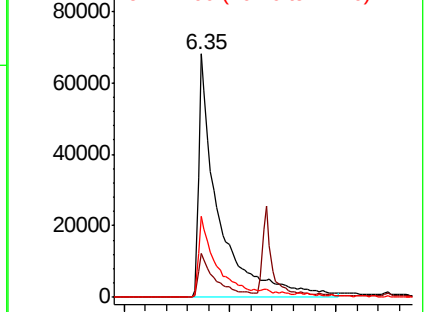
99 100

42 18.1 15.8 23.6

71 33.1 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: 2.162 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.22 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

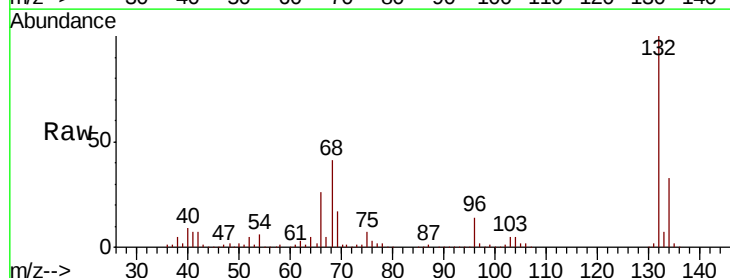
Tgt Ion: 77 Resp: 9724

Ion Ratio Lower Upper

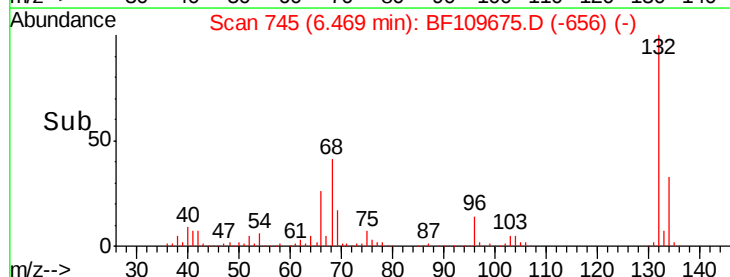
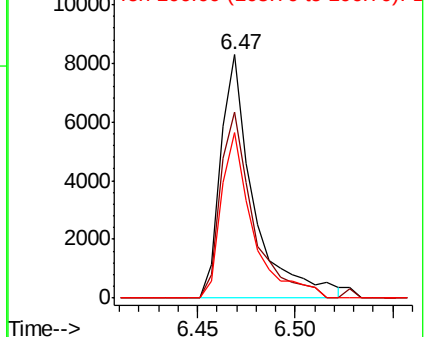
77 100

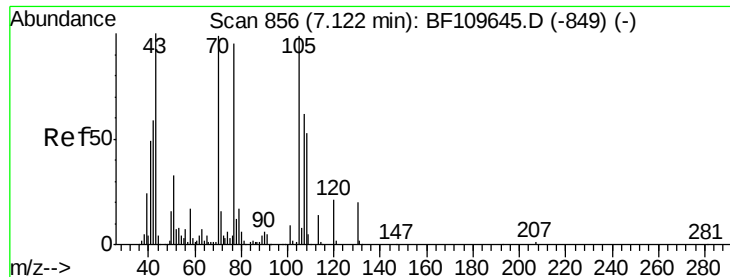
105 76.4 78.6 118.6#

106 68.1 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

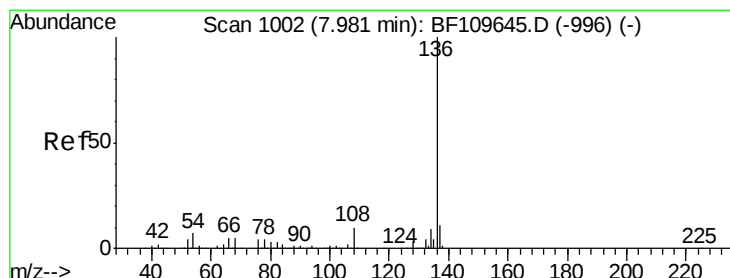
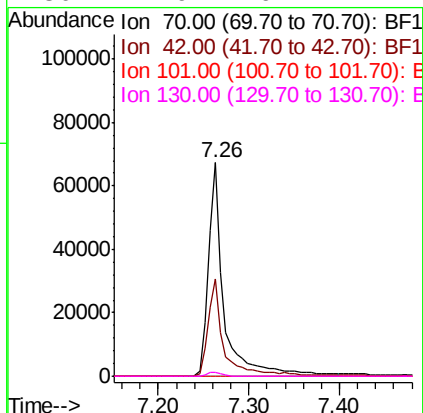
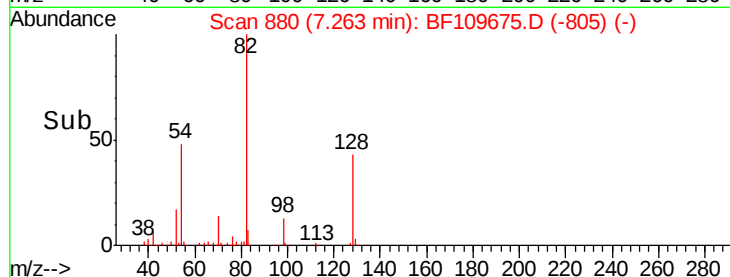
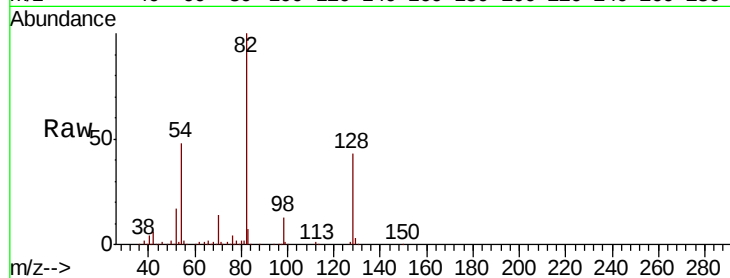




#19
n-Nitroso-di-n-propylamine
Concen: 16.850 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

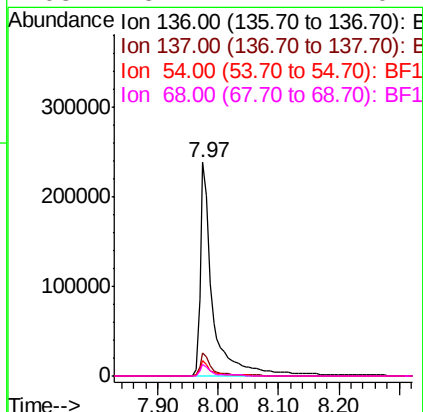
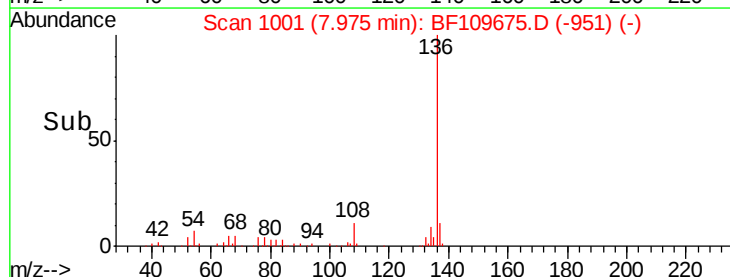
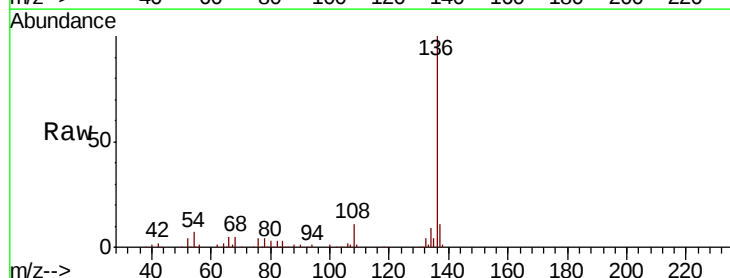
Instrument :
BNA_F
ClientSampleId :

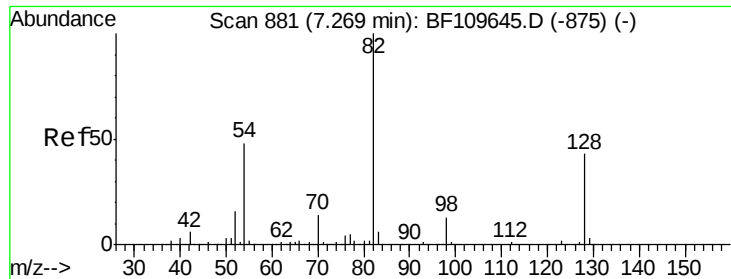
Tgt Ion: 70 Resp: 82581
Ion Ratio Lower Upper
70 100
42 45.5 47.4 71.2#
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion: 136 Resp: 349684
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.4 8.2
68 5.2 4.2 6.2

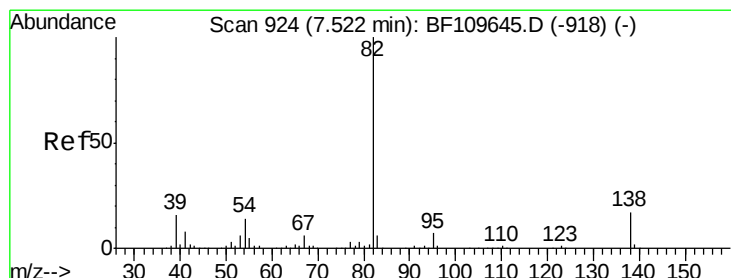
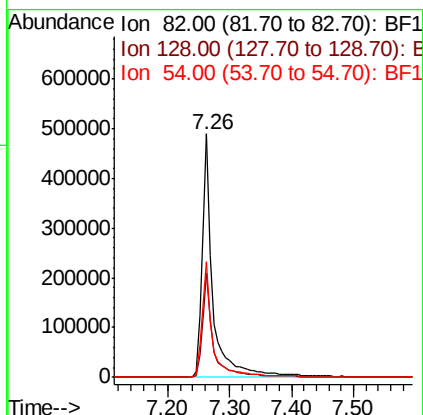
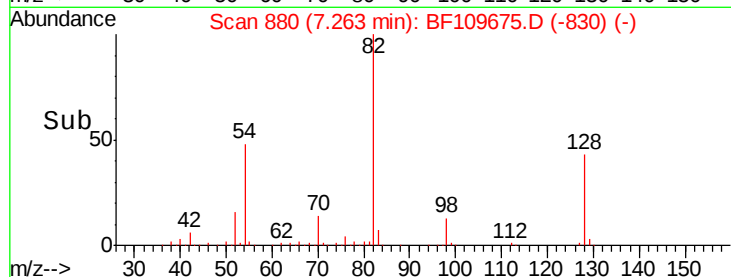
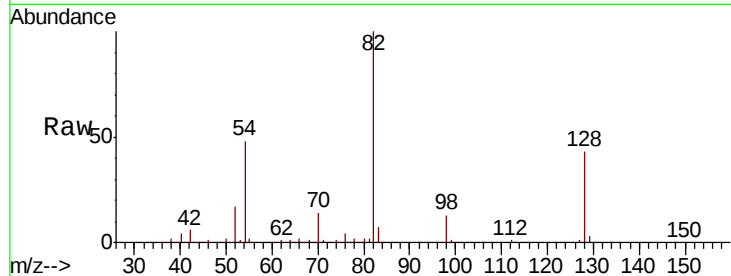




#23
Nitrobenzene-d5
Concen: 98.642 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

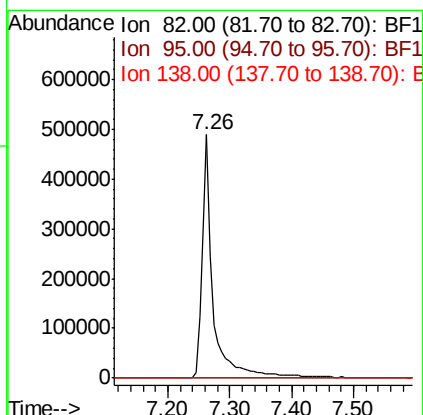
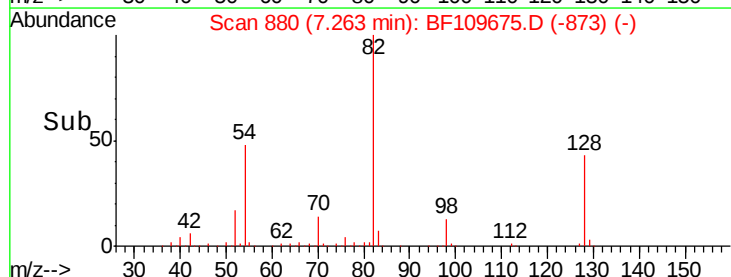
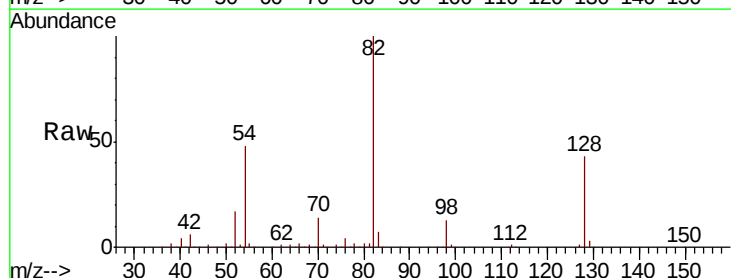
Instrument :
BNA_F
ClientSampleId :

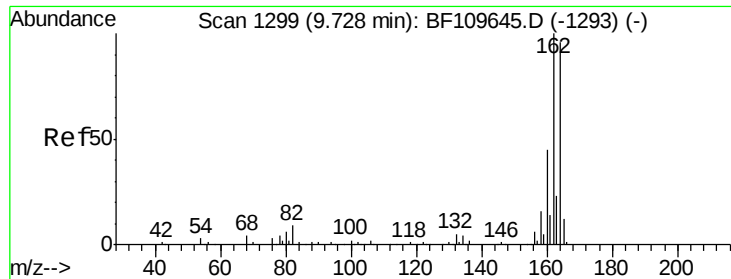
Tgt Ion: 82 Resp: 625754
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.2
54 47.7 38.6 58.0



#25
Isophorone
Concen: 59.403 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.26 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion: 82 Resp: 625754
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

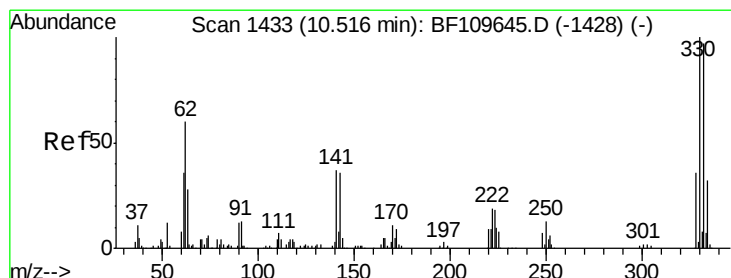
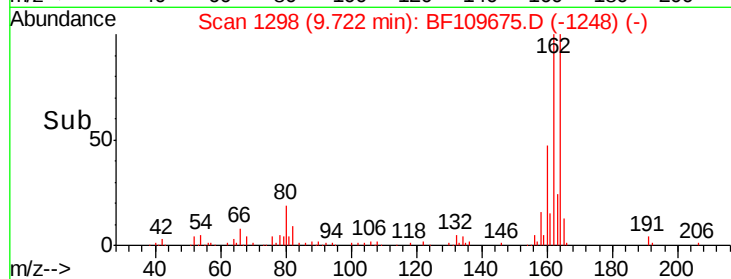
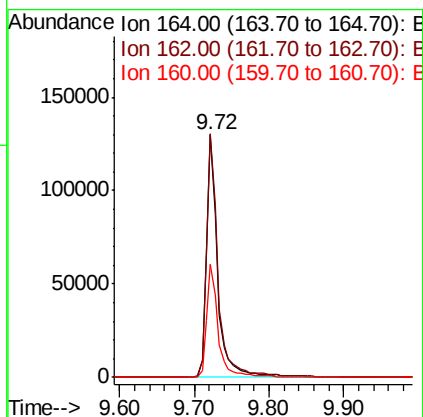
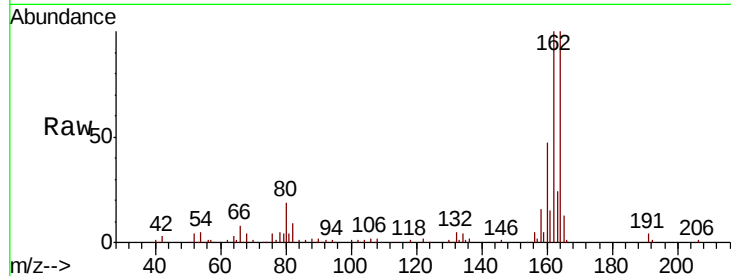




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

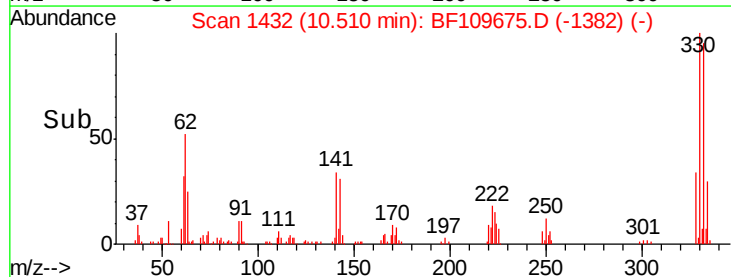
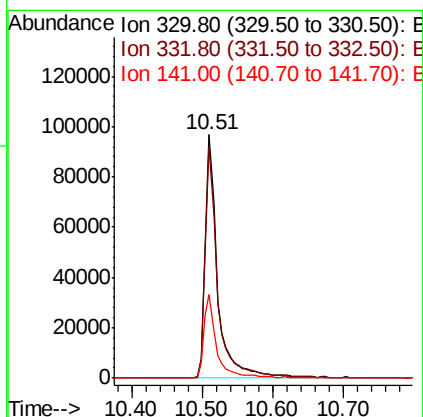
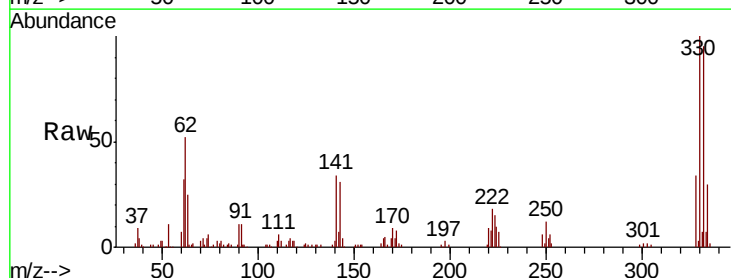
Instrument :
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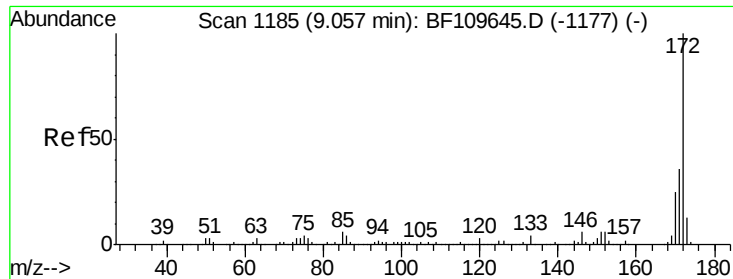
Tgt Ion:164 Resp: 138370
 Ion Ratio Lower Upper
 164 100
 162 100.5 83.0 124.6
 160 46.9 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 79.159 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

Tgt Ion:330 Resp: 119348
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 34.5 27.0 40.4

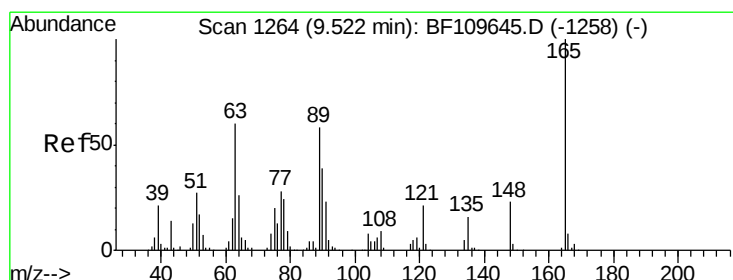
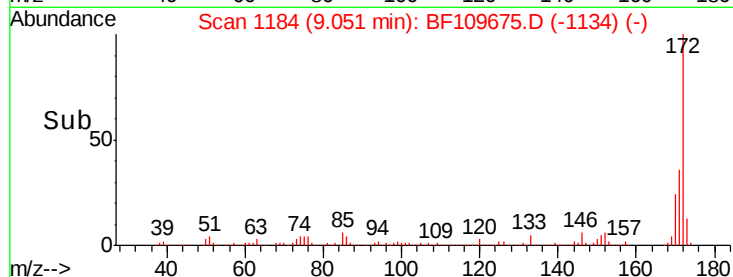
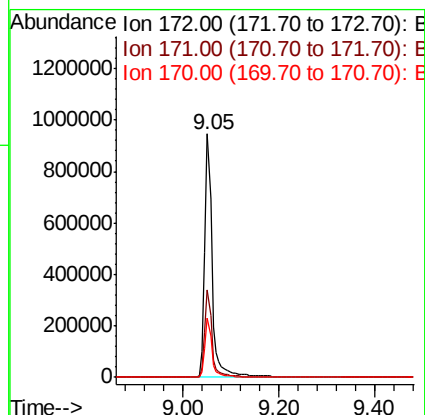
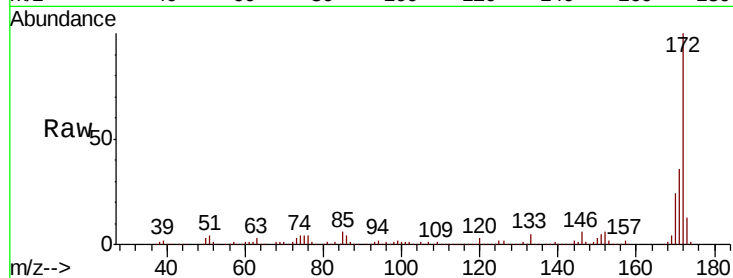




#44
 2-Fluorobiphenyl
 Concen: 101.256 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

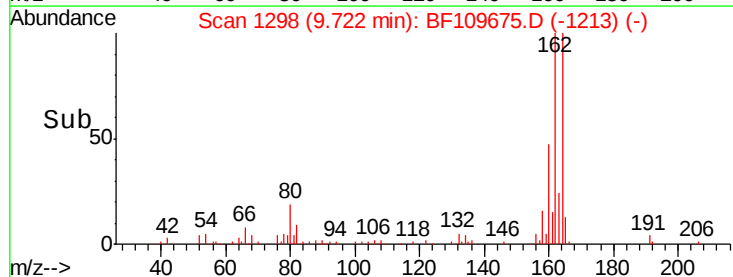
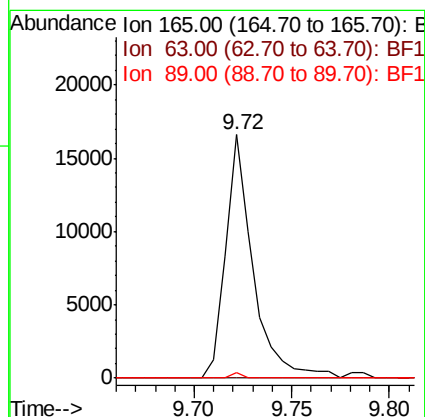
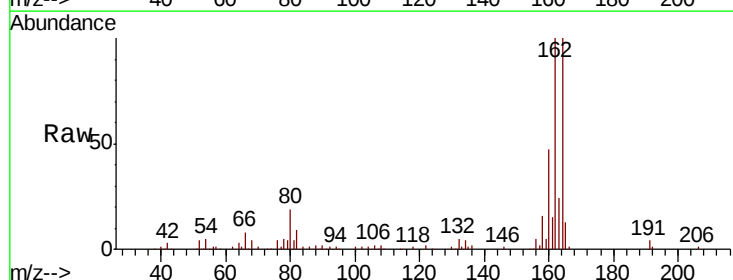
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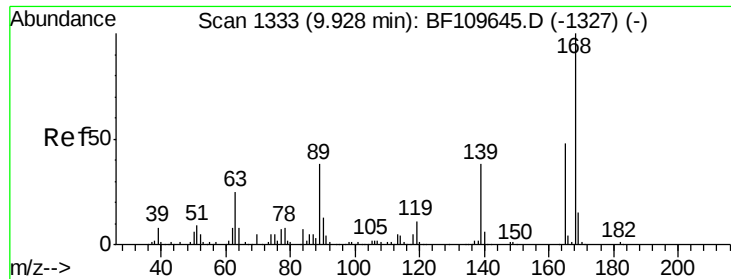
Tgt Ion:172 Resp: 1017300
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.2 19.7 29.5



#50
 2,6-Dinitrotoluene
 Concen: 7.352 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

Tgt Ion:165 Resp: 16172
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 2.1 46.6 69.8#

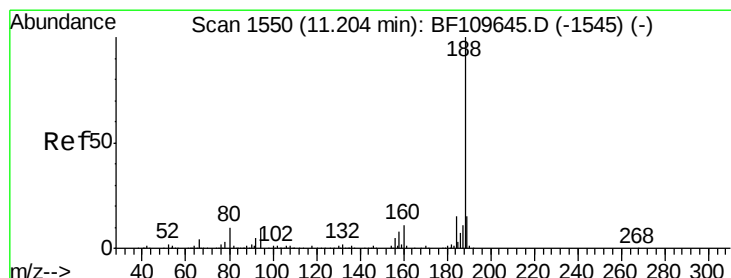
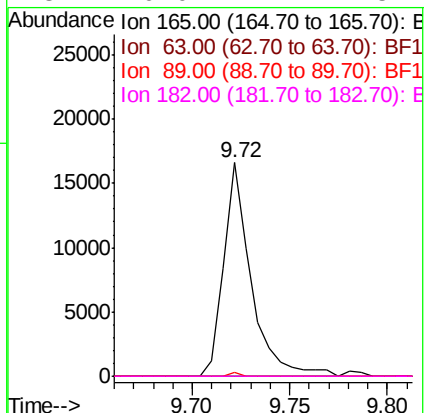
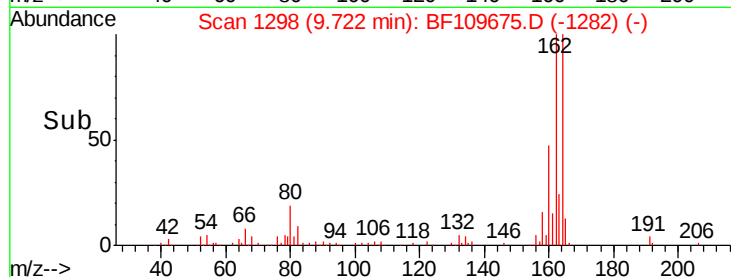
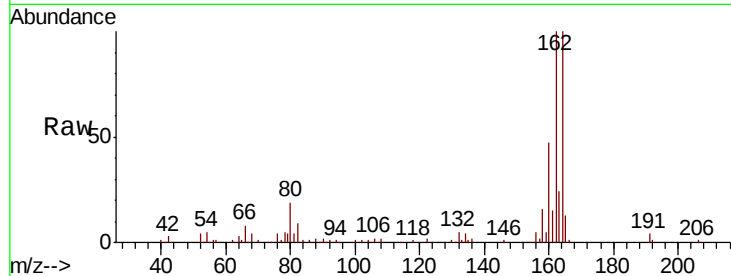




#56
 2,4-Dinitrotoluene
 Concen: 5.891 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

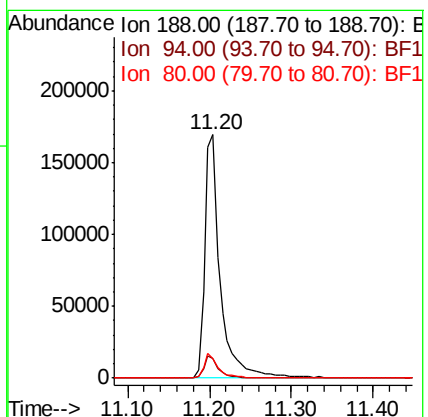
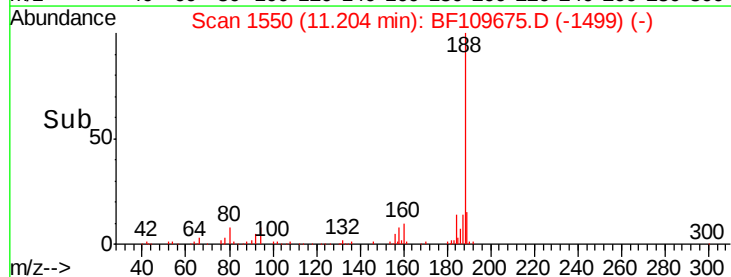
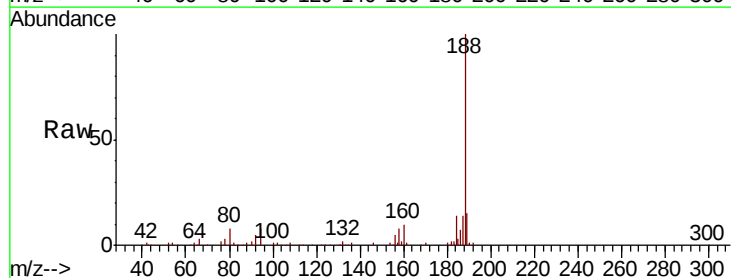
Instrument :
 BNA_F
 ClientSampled :

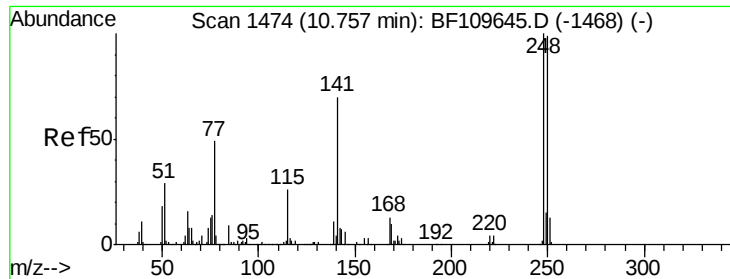
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.1	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF109675.D
 Acq: 9 Oct 2018 4:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.2	7.9	11.9

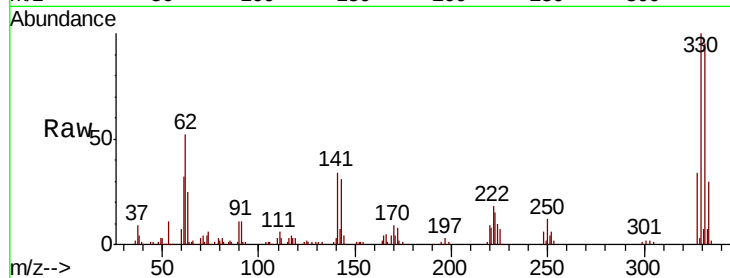




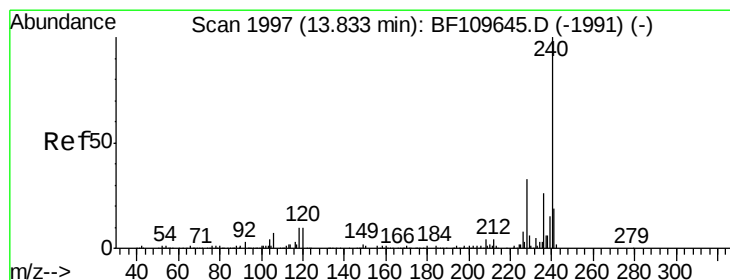
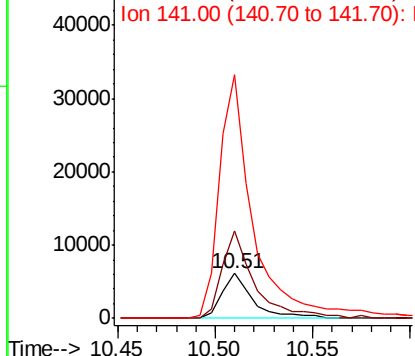
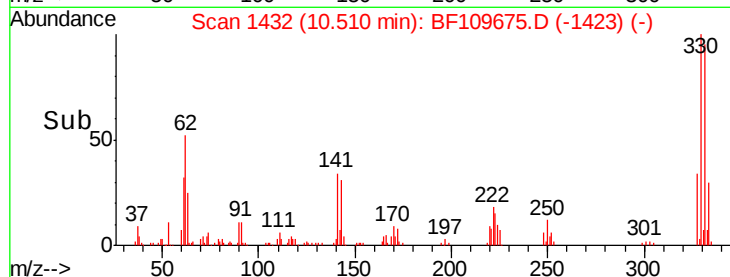
#66
4-Bromophenyl-phenylether
Concen: 2.613 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 6694
Ion Ratio Lower Upper
248 100
250 194.7 79.4 119.2#
141 541.9 55.9 83.9#

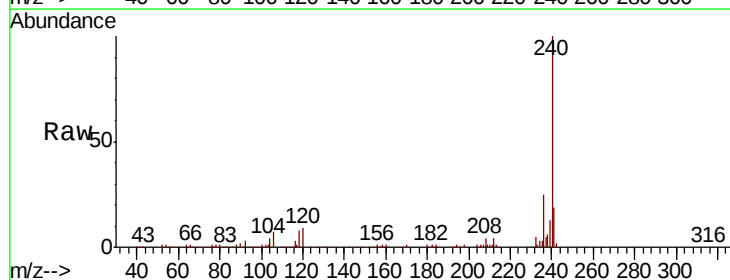


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

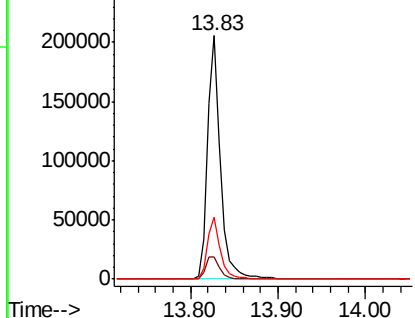
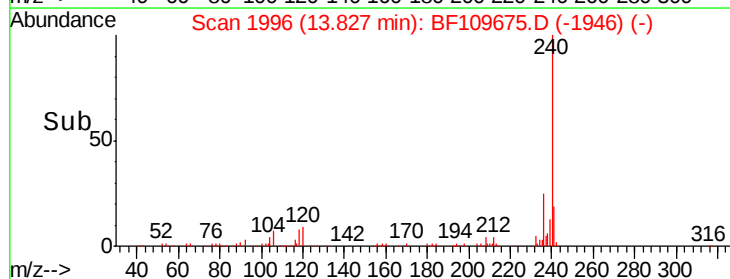


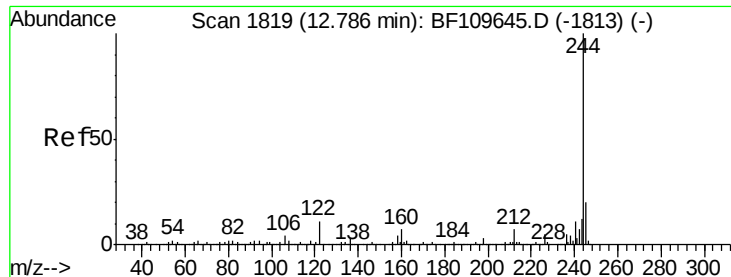
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109675.D
Acq: 9 Oct 2018 4:01

Tgt Ion:240 Resp: 211369
Ion Ratio Lower Upper
240 100
120 9.4 8.3 12.5
236 25.4 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: 74.738 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

Instrument :

BNA_F

ClientSampleId :

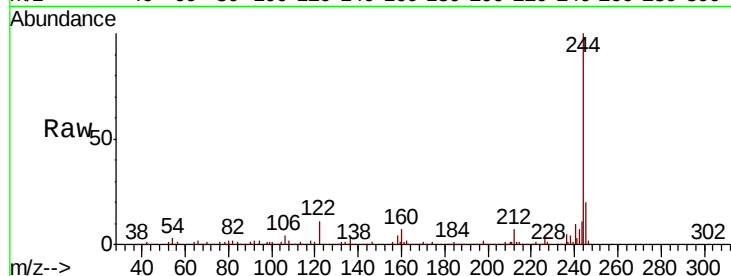
Tgt Ion:244 Resp: 816043

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

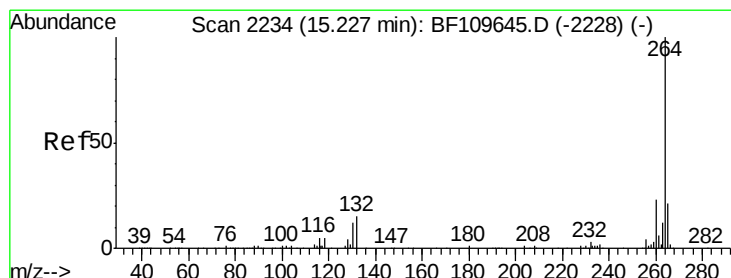
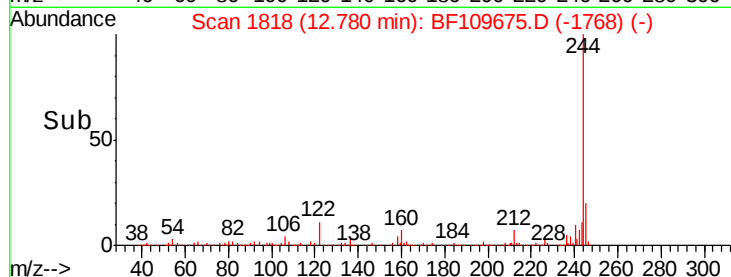
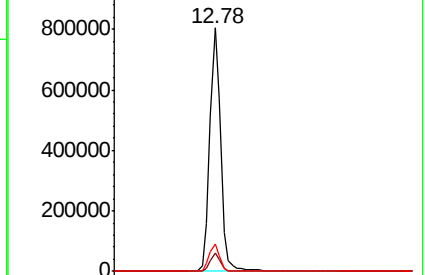
122 11.3 8.7 13.1



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF109675.D

Acq: 9 Oct 2018 4:01

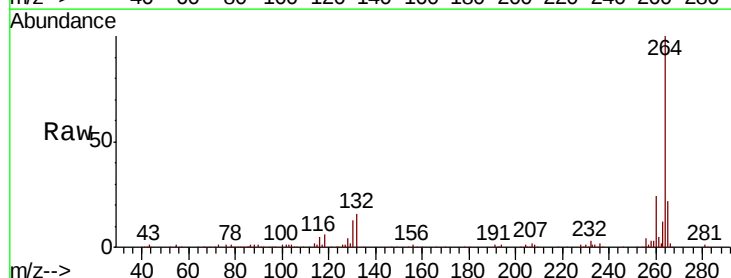
Tgt Ion:264 Resp: 183718

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 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

