

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101118\
 Data File : BF109796.D
 Acq On : 11 Oct 2018 19:37
 Operator : JU/SJ
 Sample : J5360-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Quant Time: Oct 12 04:26:38 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

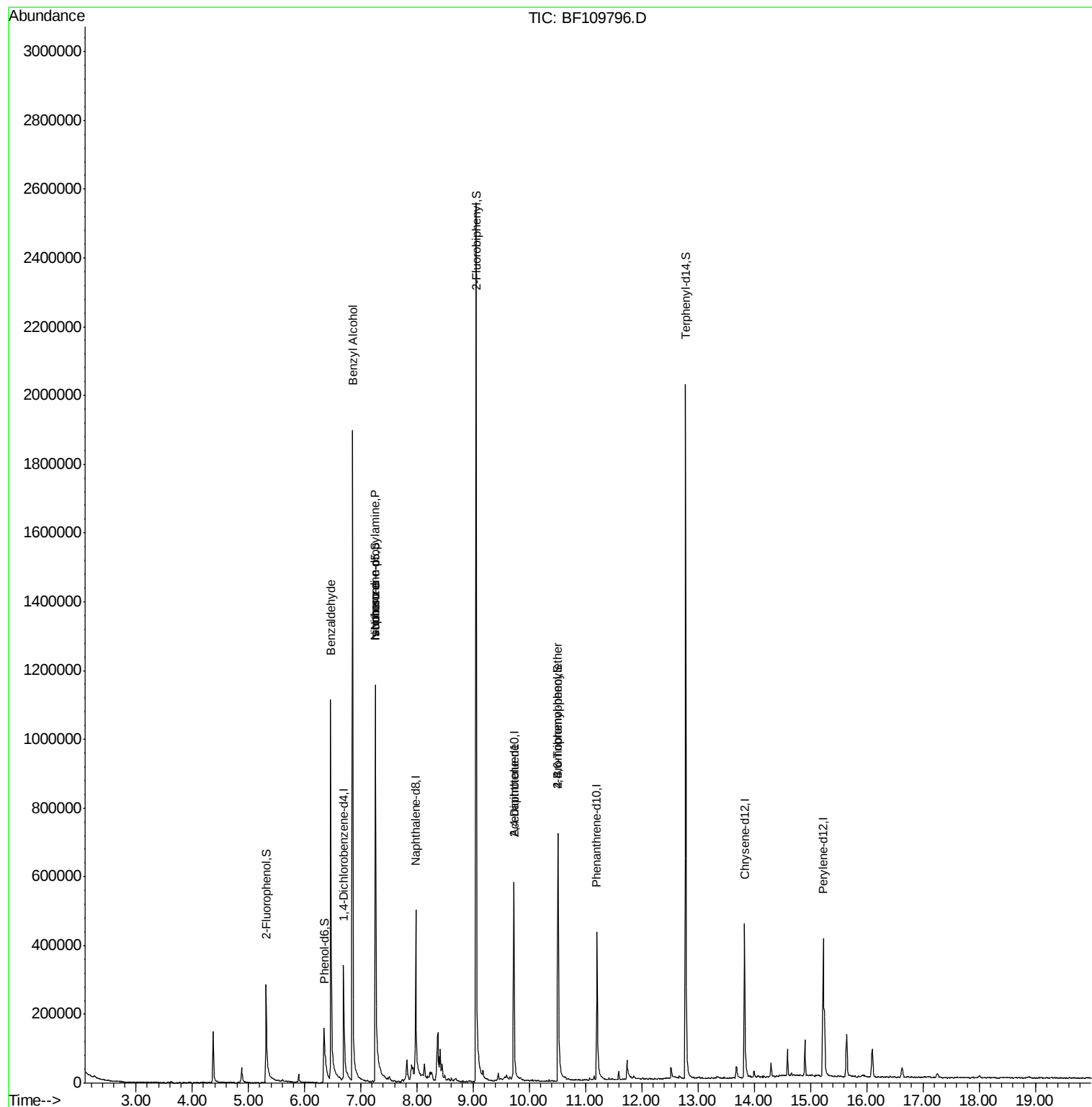
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	78436	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	324252	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	138966	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	233637	20.00	ng	0.00
75) Chrysene-d12	13.83	240	203197	20.00	ng	0.00
86) Perylene-d12	15.23	264	234661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	157694	35.69	ng	-0.01
7) Phenol-d6	6.35	99	149776	25.37	ng	-0.01
23) Nitrobenzene-d5	7.26	82	567350	96.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	126824	83.76	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1029030	101.98	ng	0.00
78) Terphenyl-d14	12.78	244	767984	73.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	8858	2.332	ng	# 72
15) Benzyl Alcohol	6.85	79	9294	2.124	ng	# 47
19) n-Nitroso-di-n-propylamine	7.26	70	74446	17.983	ng	# 80
25) Isophorone	7.26	82	567347	58.083	ng	# 67
56) 2,4-Dinitrotoluene	9.72	165	17214	6.244	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	7403	2.758	ng	# 1

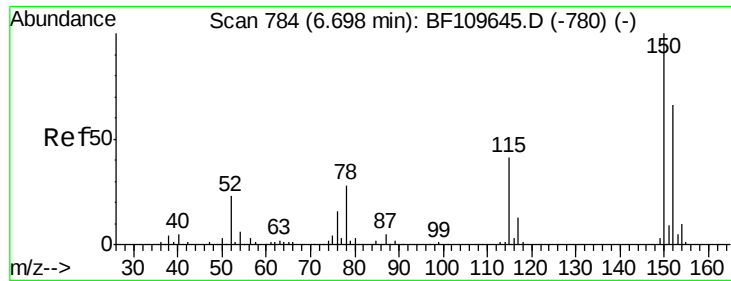
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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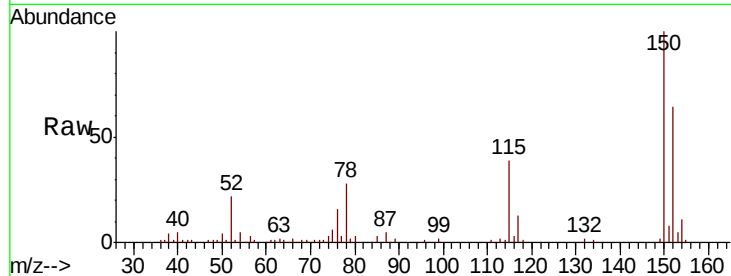




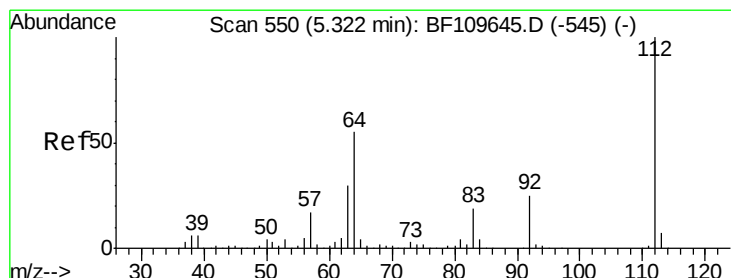
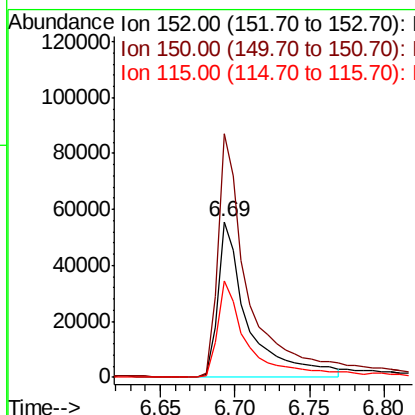
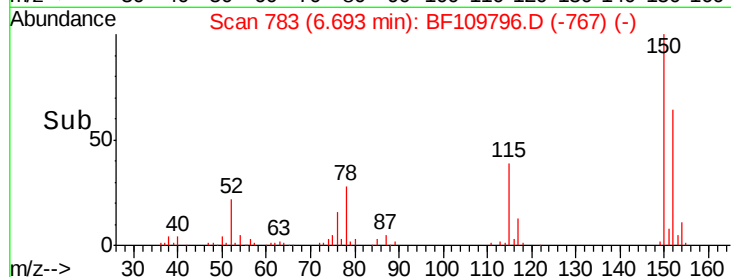
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Tgt Ion:152 Resp: 78436
 Ion Ratio Lower Upper
 152 100
 150 156.4 122.7 184.1
 115 61.7 49.1 73.7

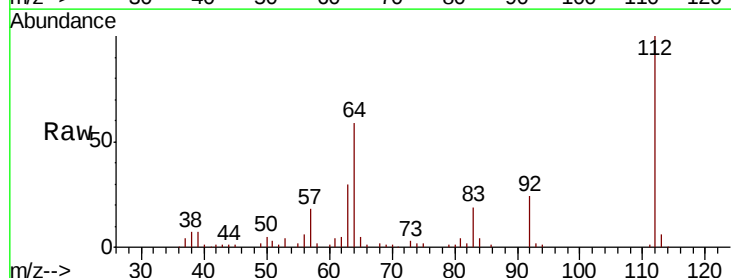


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

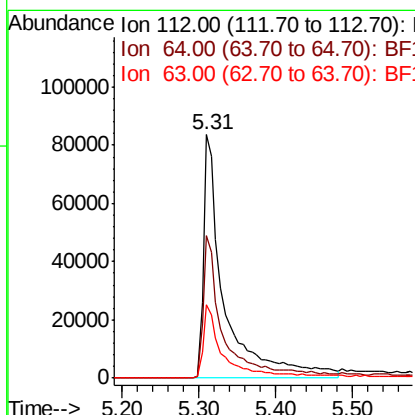
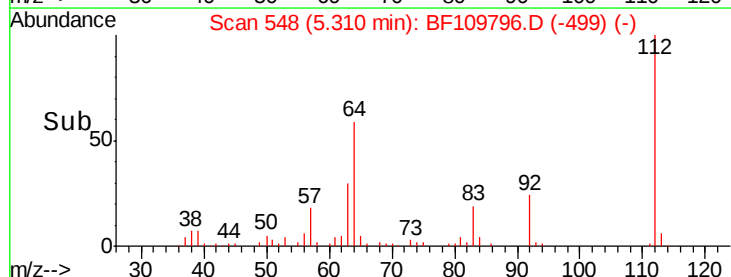


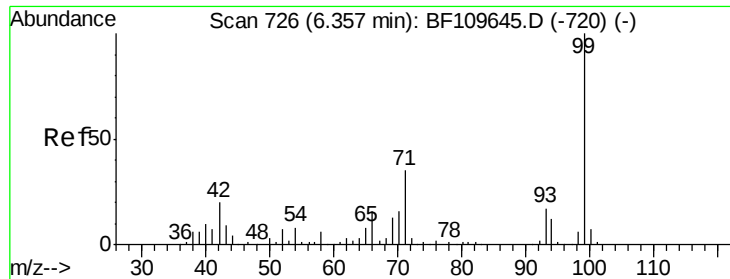
#5
 2-Fluorophenol
 Concen: 35.687 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Tgt Ion:112 Resp: 157694
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 30.2 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: 25.372 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

2-AVE-22

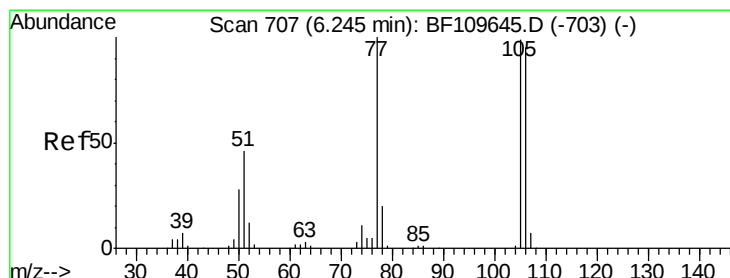
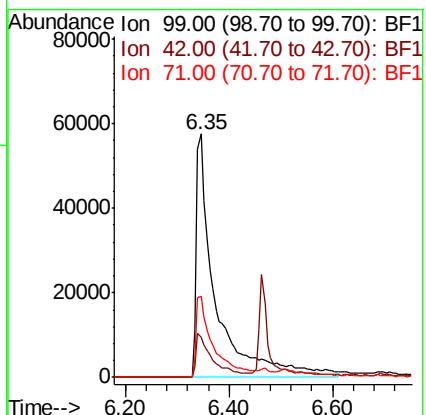
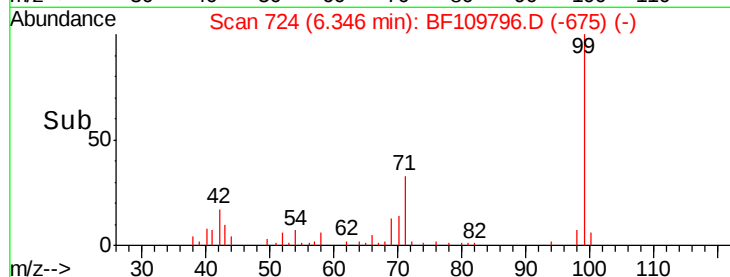
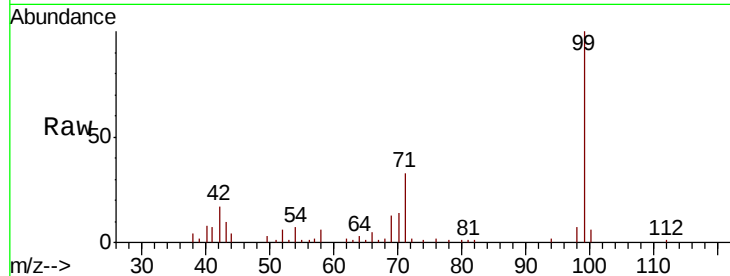
Tgt Ion: 99 Resp: 149776

Ion Ratio Lower Upper

99 100

42 16.6 15.8 23.6

71 33.1 28.0 42.0



#9

Benzaldehyde

Concen: 2.332 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

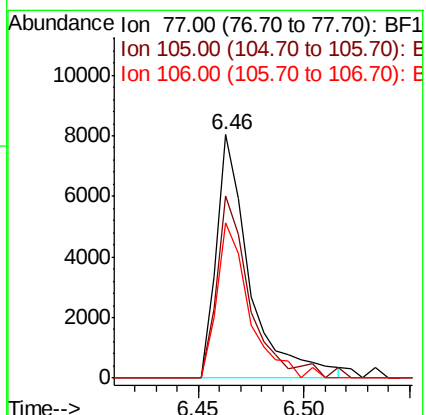
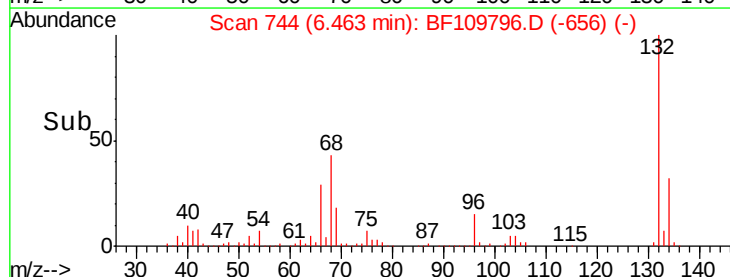
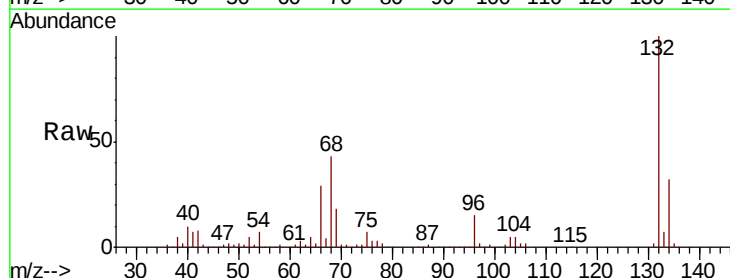
Tgt Ion: 77 Resp: 8858

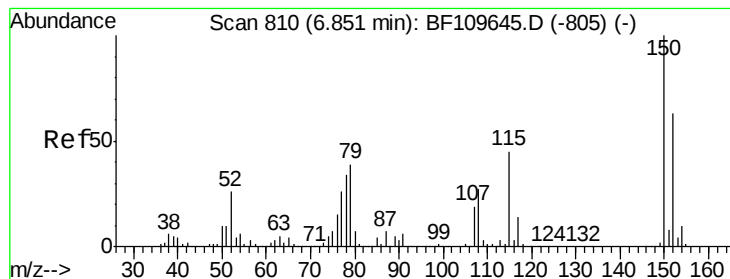
Ion Ratio Lower Upper

77 100

105 75.0 78.6 118.6#

106 63.7 74.8 114.8#





#15

Benzyl Alcohol

Concen: 2.124 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

2-AVE-22

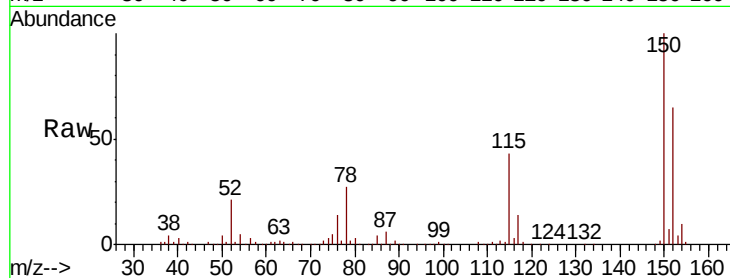
Tgt Ion: 79 Resp: 9294

Ion Ratio Lower Upper

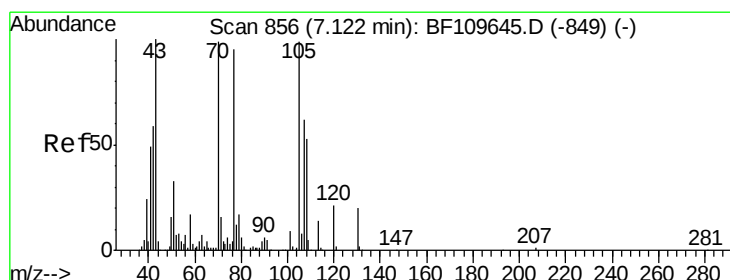
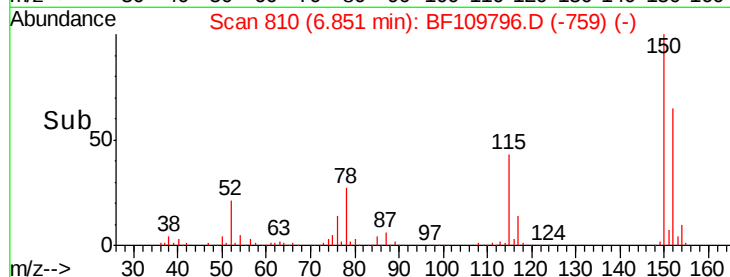
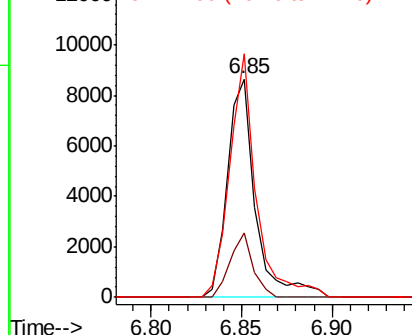
79 100

108 29.7 56.3 84.5#

77 111.6 52.9 79.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.983 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Tgt Ion: 70 Resp: 74446

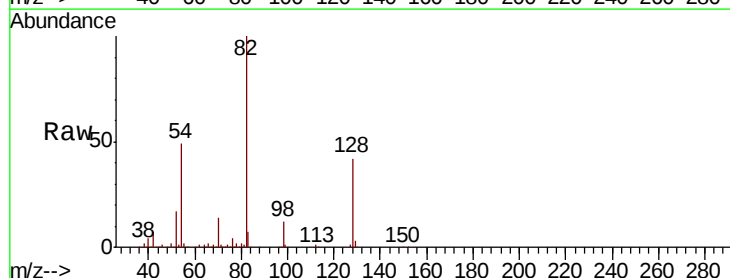
Ion Ratio Lower Upper

70 100

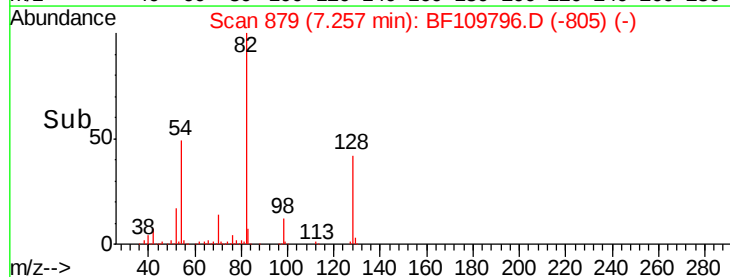
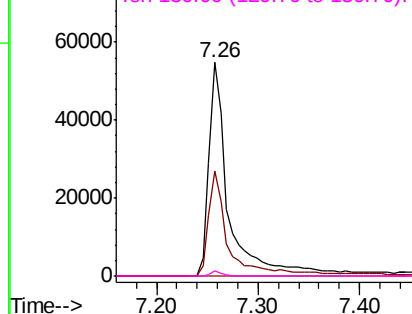
42 49.2 47.4 71.2

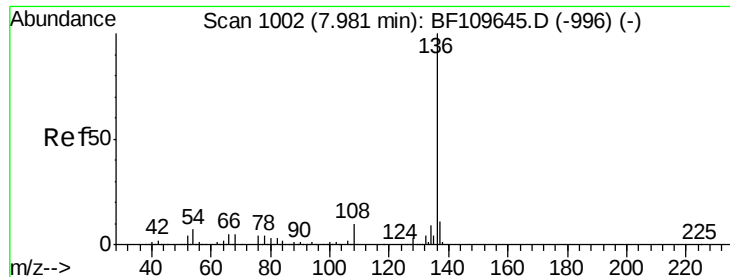
101 0.0 7.3 10.9#

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): BF1
Ion 130.00 (129.70 to 130.70): BF1

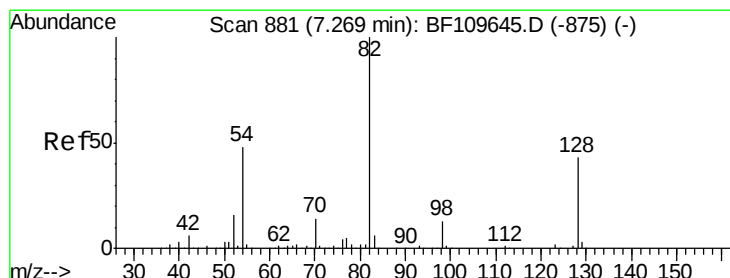
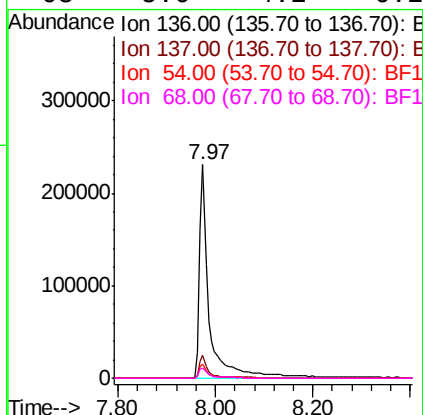
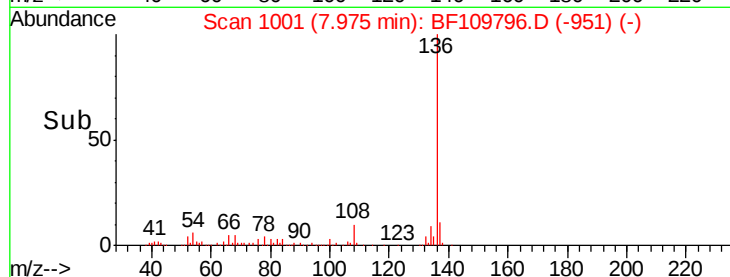
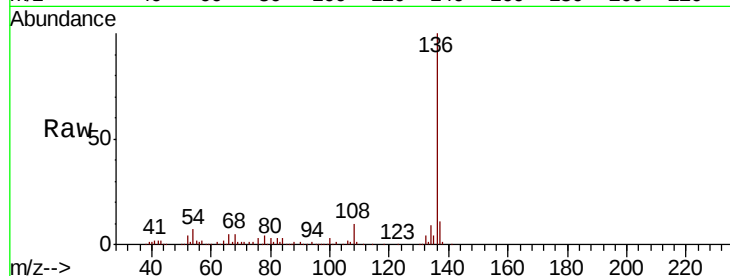




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

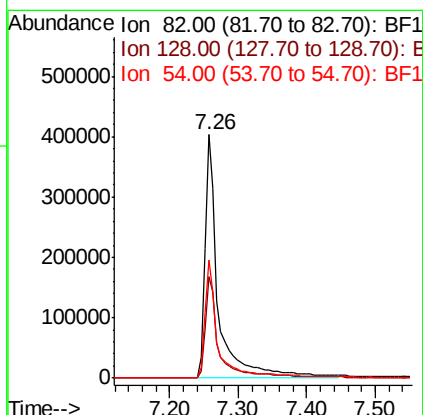
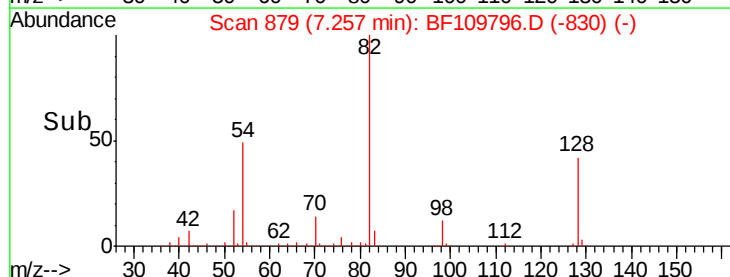
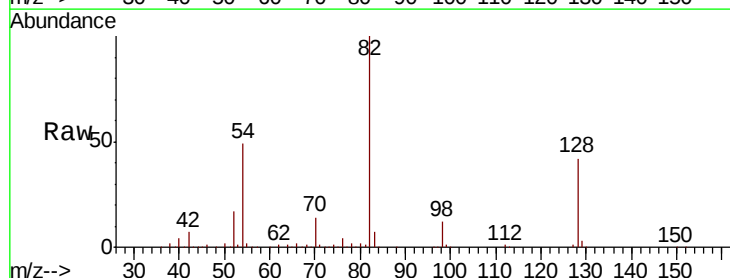
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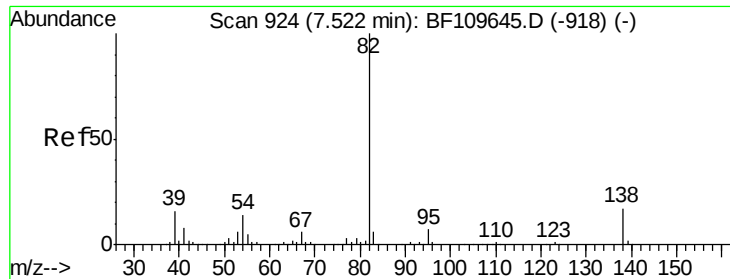
Tgt Ion:	136	Resp:	324252
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.4	8.2
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 96.450 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Tgt Ion:	82	Resp:	567350
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	48.6	38.6	58.0

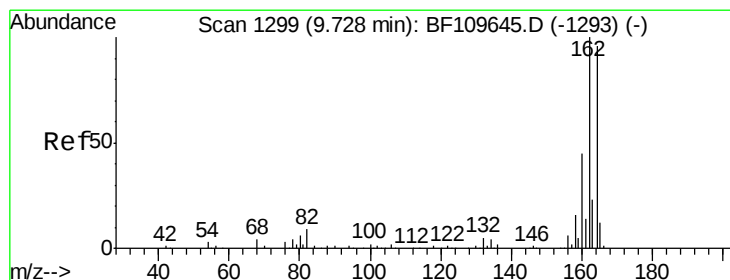
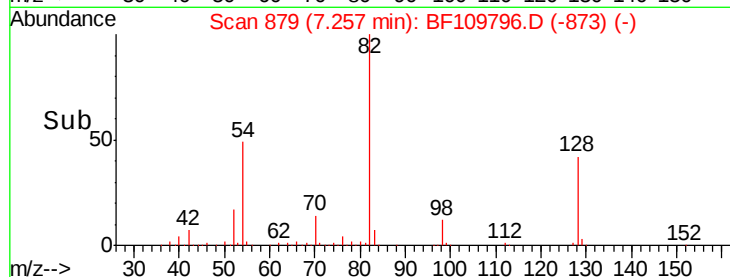
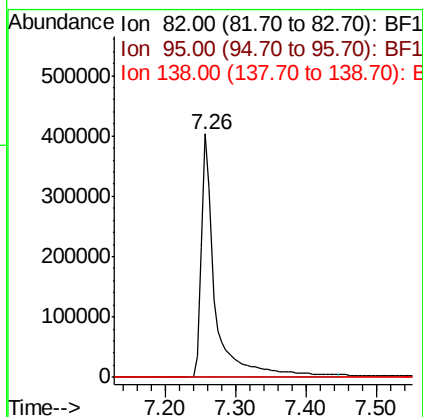
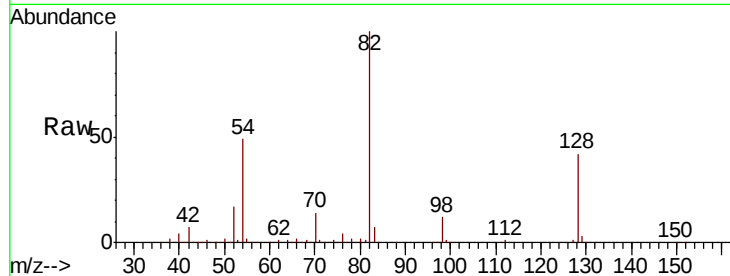




#25
Isophorone
Concen: 58.083 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

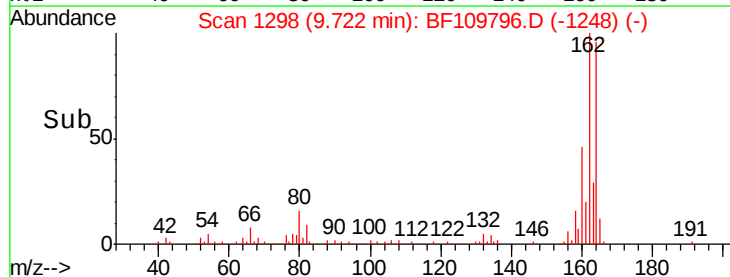
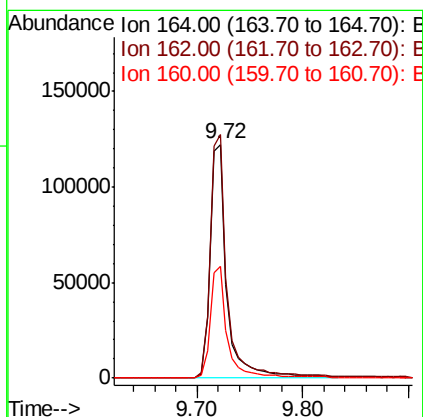
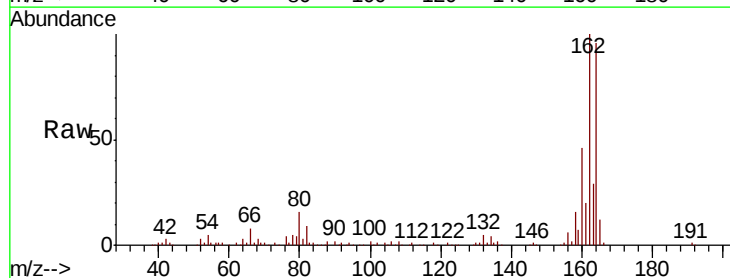
Instrument :
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ClientSampleId :
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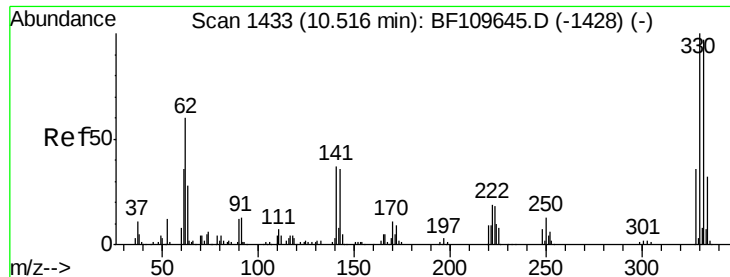
Tgt Ion: 82 Resp: 567347
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Tgt Ion: 164 Resp: 138966
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 47.8 37.0 55.6

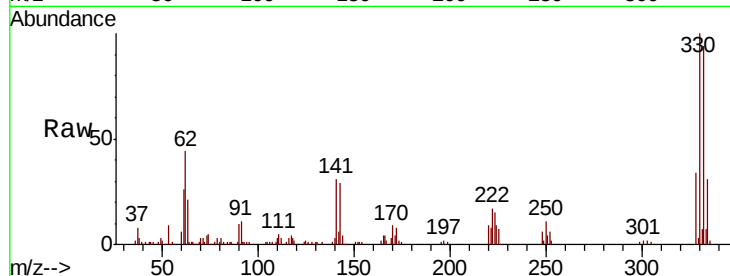




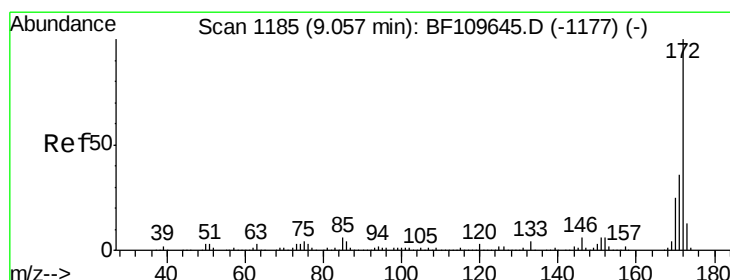
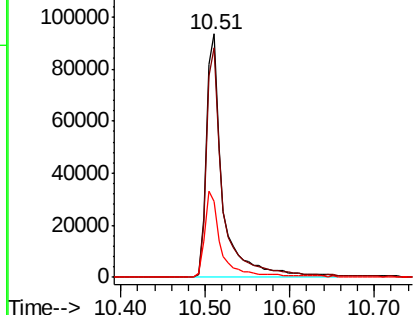
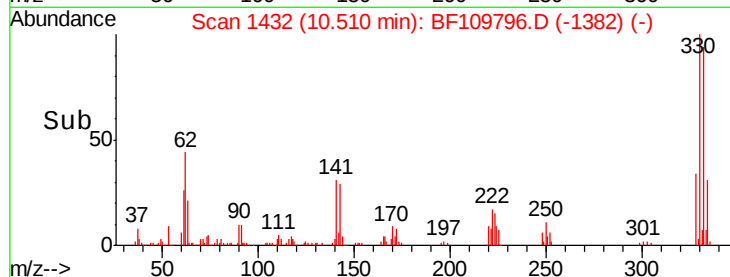
#41
 2,4,6-Tribromophenol
 Concen: 83.757 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 2-AVE-22

Tgt Ion:330 Resp: 126824
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 36.5 27.0 40.4

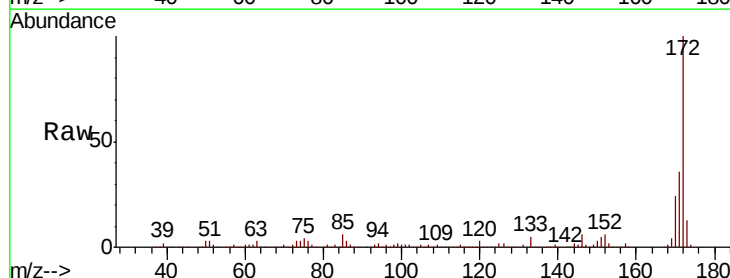


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

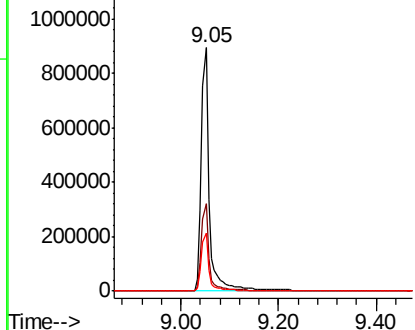
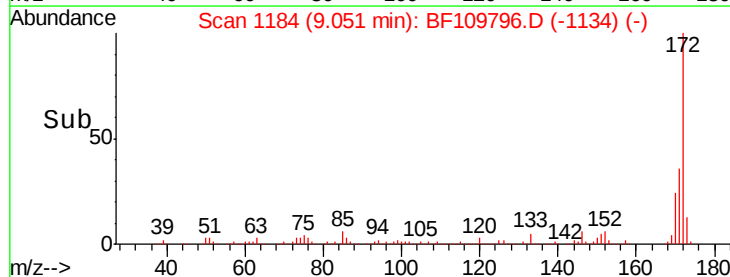


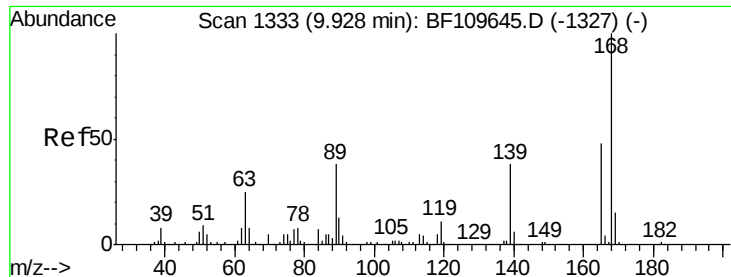
#44
 2-Fluorobiphenyl
 Concen: 101.984 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109796.D
 Acq: 11 Oct 2018 19:37

Tgt Ion:172 Resp: 1029030
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.8 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

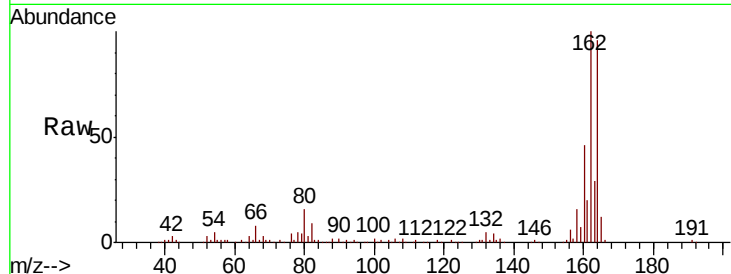




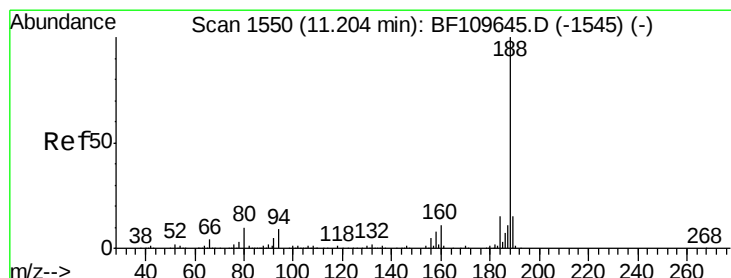
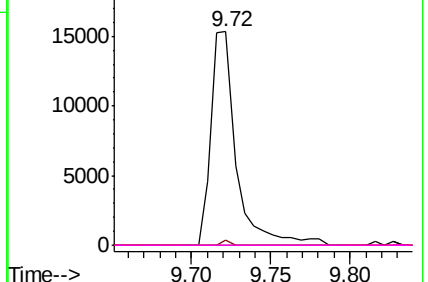
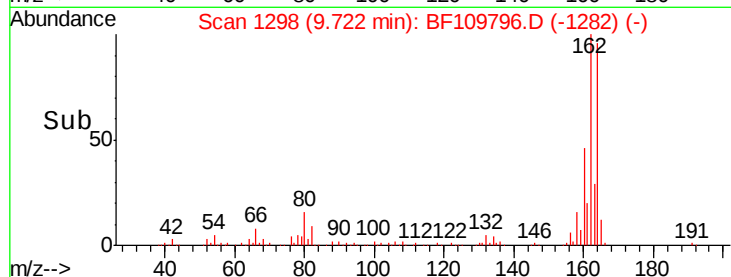
#56
2,4-Dinitrotoluene
Concen: 6.244 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
2-AVE-22

Tgt Ion:165 Resp: 17214
Ion Ratio Lower Upper
165 100
63 2.3 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#

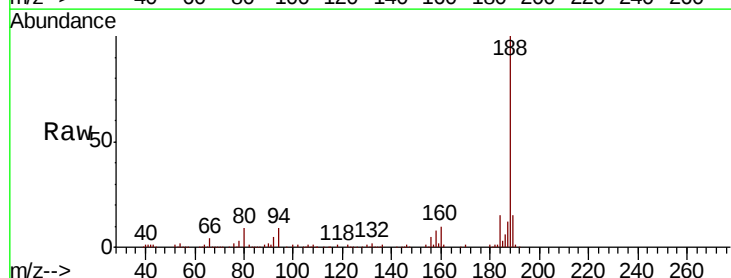


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

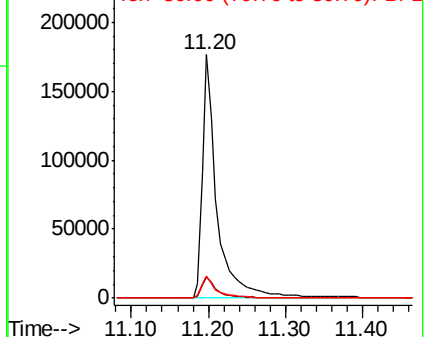
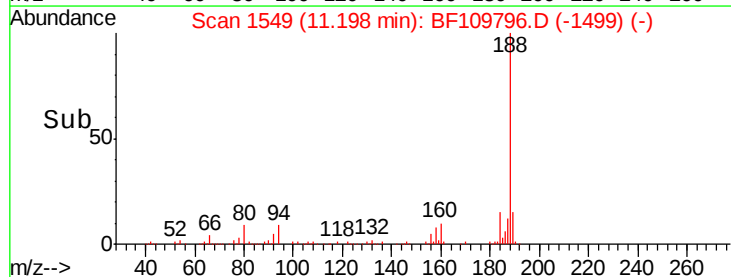


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Tgt Ion:188 Resp: 233637
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.9 11.9



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

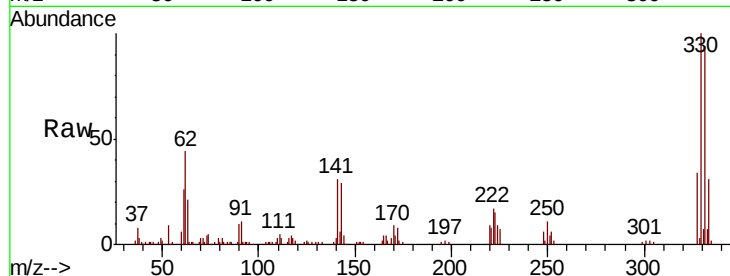




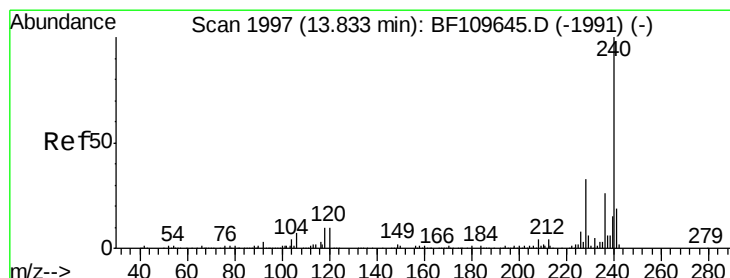
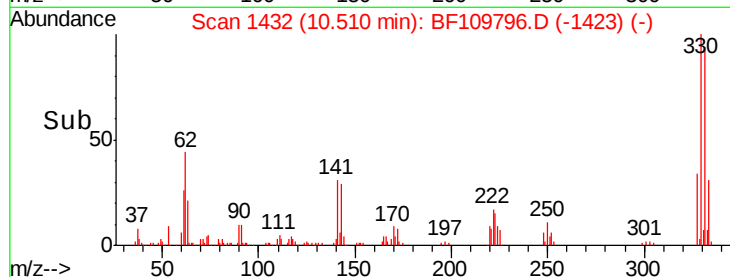
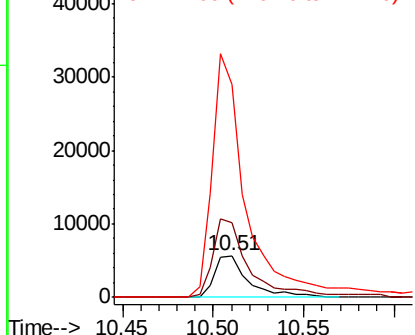
#66
4-Bromophenyl-phenylether
Concen: 2.758 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Instrument :
BNA_F
ClientSampleId :
2-AVE-22

Tgt Ion:248 Resp: 7403
Ion Ratio Lower Upper
248 100
250 179.0 79.4 119.2#
141 508.0 55.9 83.9#

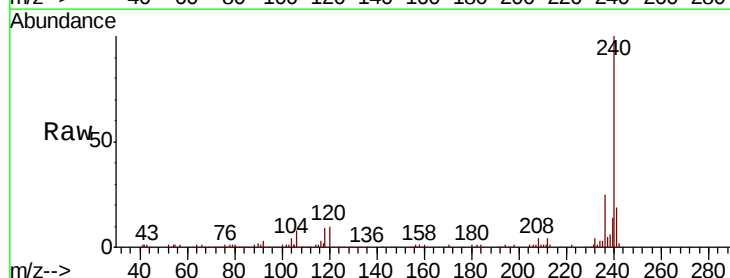


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

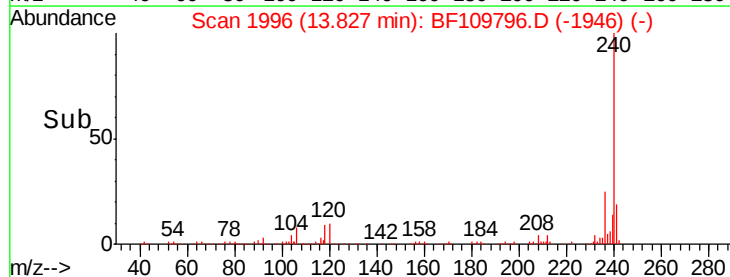
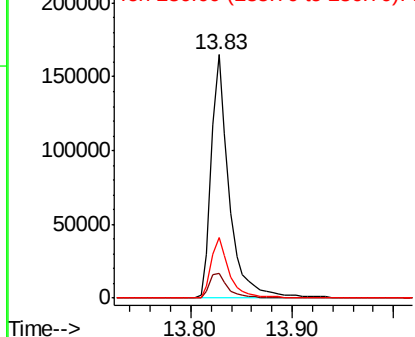


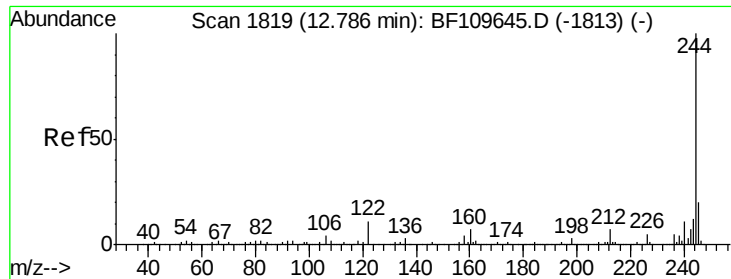
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109796.D
Acq: 11 Oct 2018 19:37

Tgt Ion:240 Resp: 203197
Ion Ratio Lower Upper
240 100
120 10.1 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: 73.165 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109796.D

Acq: 11 Oct 2018 19:37

Instrument :

BNA_F

ClientSampleId :

2-AVE-22

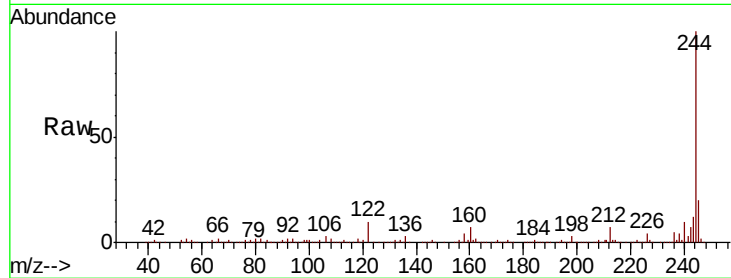
Tgt Ion:244 Resp: 767984

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

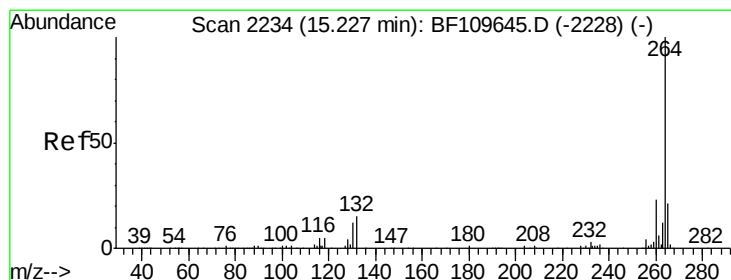
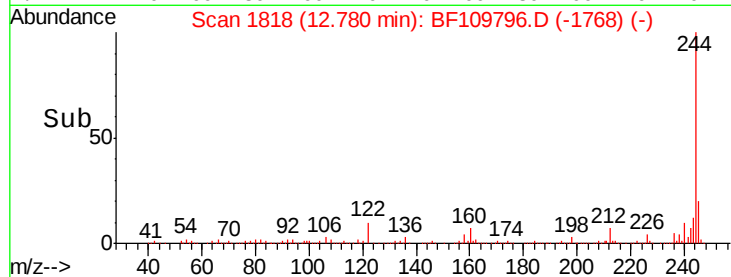
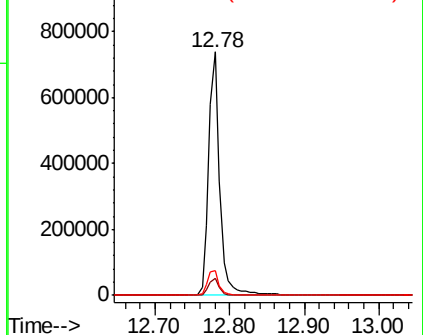
122 10.4 8.7 13.1



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: BF109796.D

Acq: 11 Oct 2018 19:37

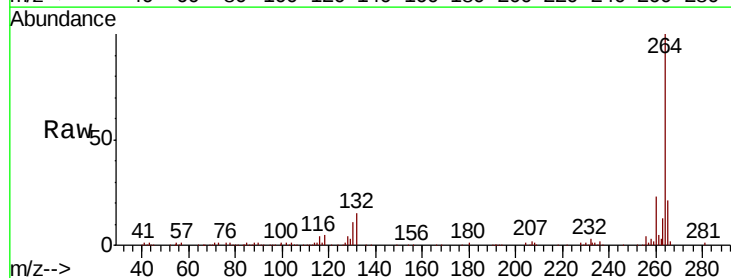
Tgt Ion:264 Resp: 234661

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.4 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

