

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109855.D
 Acq On : 13 Oct 2018 1:29
 Operator : JU/SJ
 Sample : J5455-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON

Quant Time: Oct 13 03:09:05 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

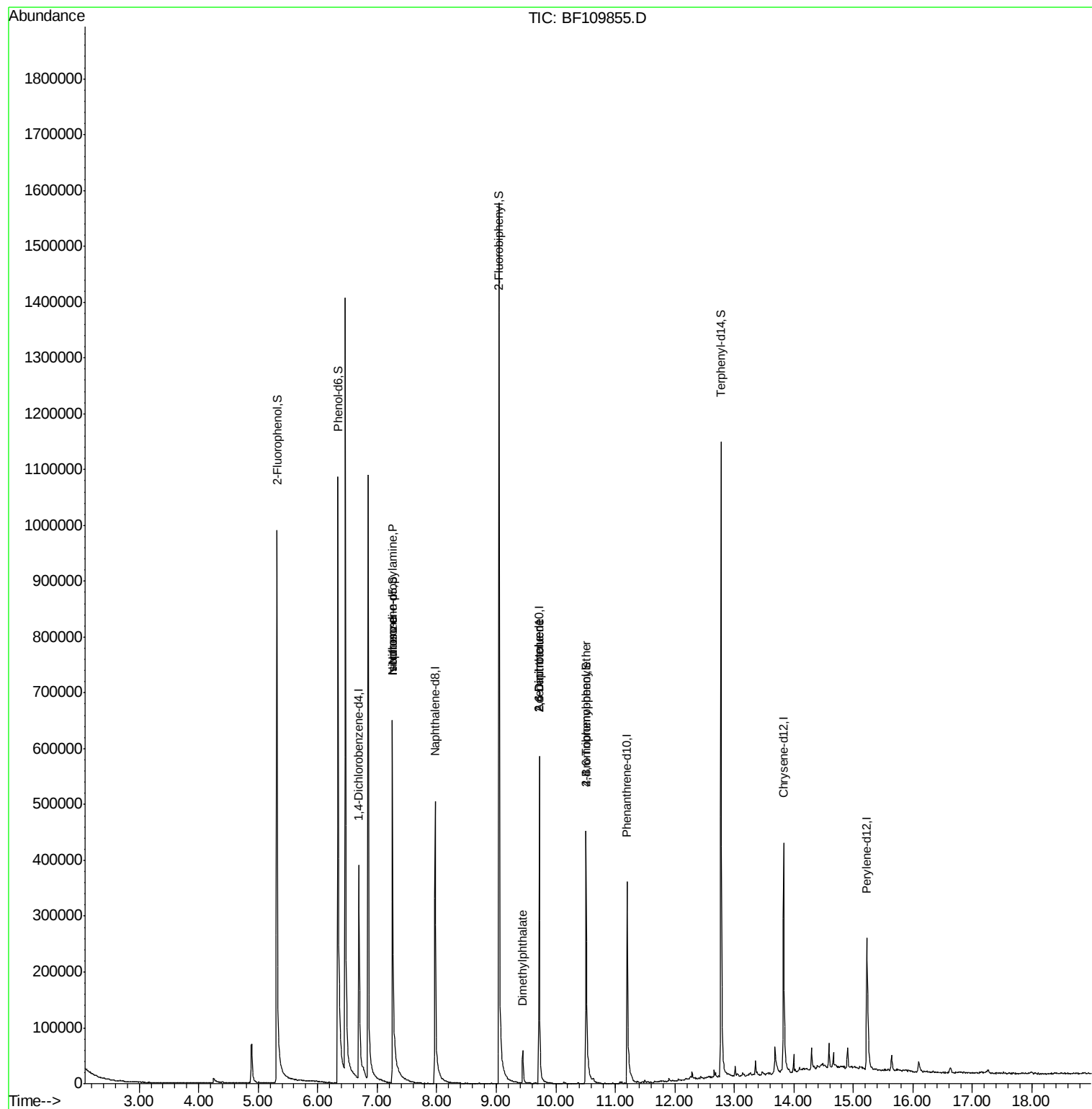
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	85324	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	343471	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	142204	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	224216	20.00	ng	0.00
75) Chrysene-d12	13.83	240	196359	20.00	ng	0.00
86) Perylene-d12	15.23	264	150153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	391633	81.47	ng	0.00
7) Phenol-d6	6.34	99	552346	86.02	ng	-0.02
23) Nitrobenzene-d5	7.26	82	356619	57.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	92405	59.64	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	660841	64.00	ng	-0.01
78) Terphenyl-d14	12.77	244	474760	46.80	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	44320	9.842	ng	# 78
25) Isophorone	7.26	82	356619	34.466	ng	# 67
49) Dimethylphthalate	9.45	163	37239	3.571	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	17083	7.556	ng	# 24
56) 2,4-Dinitrotoluene	9.72	165	17080	6.054	ng	# 20
66) 4-Bromophenyl-phenylether	10.51	248	5249	2.037	ng	# 1

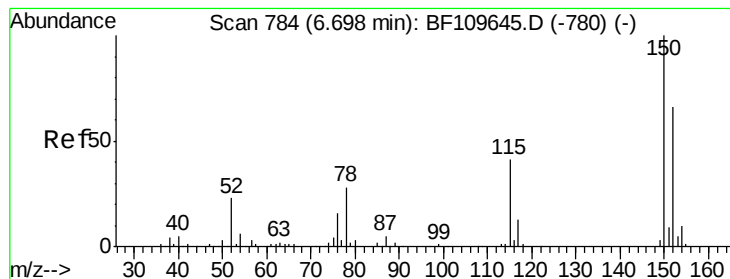
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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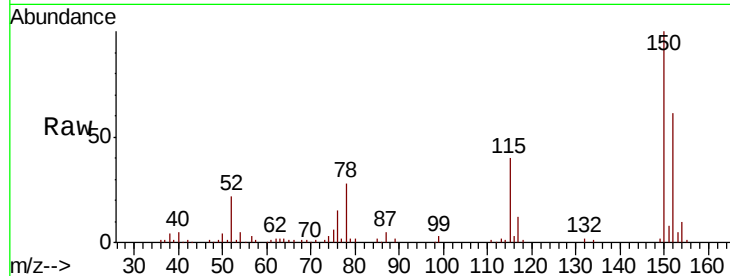




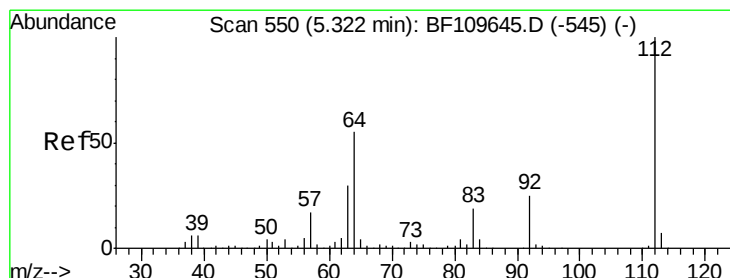
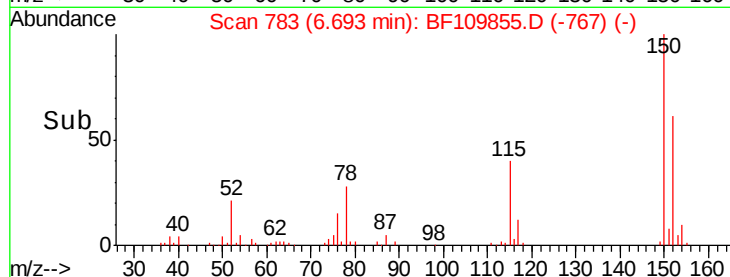
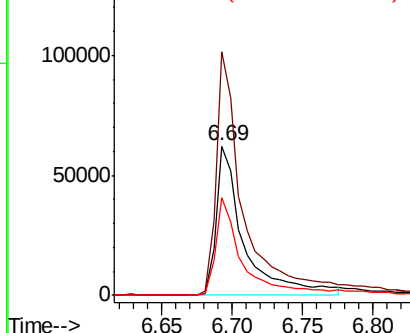
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109855.D
 Acq: 13 Oct 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON

Tgt Ion:152 Resp: 85324
 Ion Ratio Lower Upper
 152 100
 150 163.1 122.7 184.1
 115 65.4 49.1 73.7

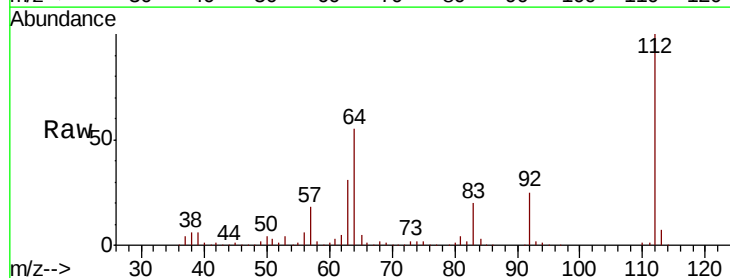


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

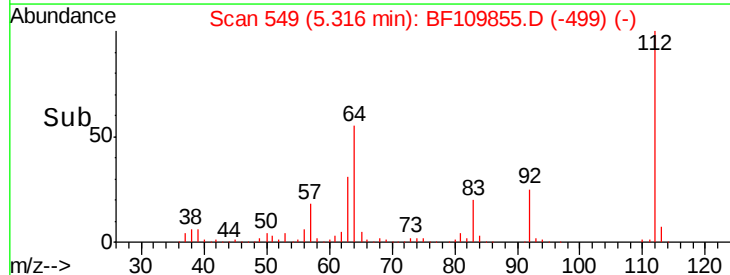
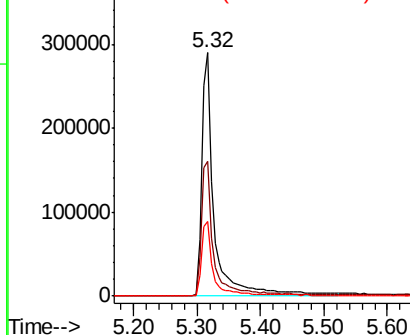


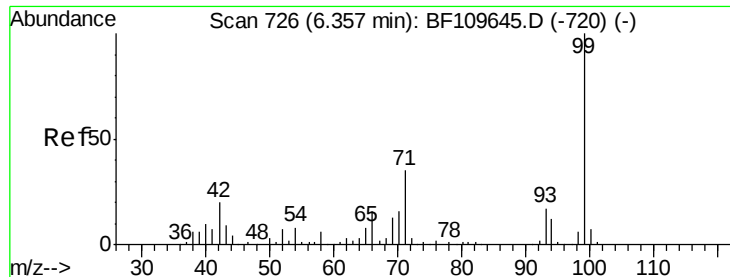
#5
 2-Fluorophenol
 Concen: 81.473 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.00 min
 Lab File: BF109855.D
 Acq: 13 Oct 2018 1:29

Tgt Ion:112 Resp: 391633
 Ion Ratio Lower Upper
 112 100
 64 55.4 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: 86.015 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109855.D

Acq: 13 Oct 2018 1:29

Instrument :

BNA_F

ClientSampleId :

MS-CON

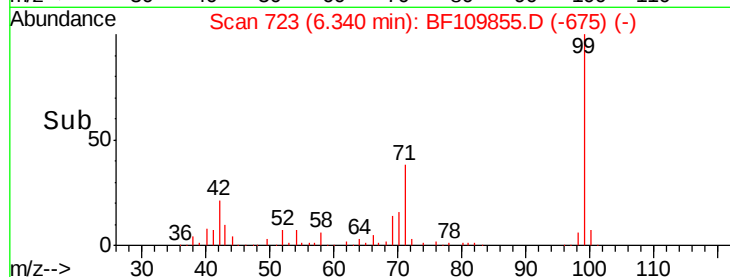
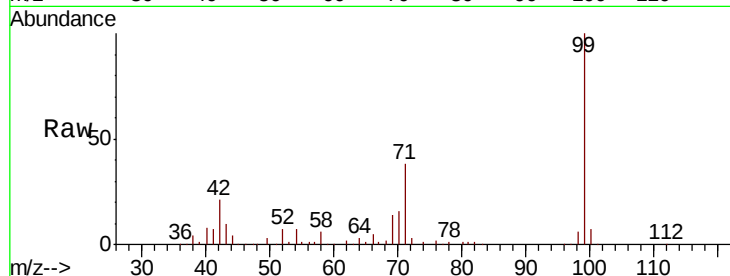
Tgt Ion: 99 Resp: 552346

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

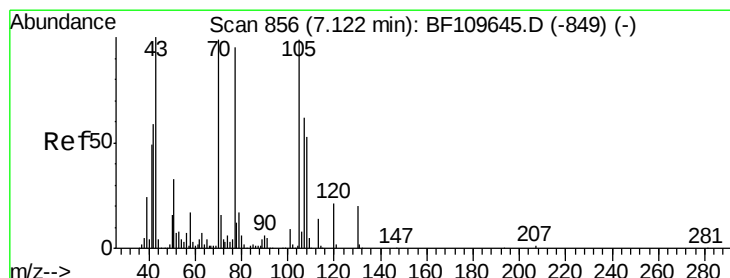
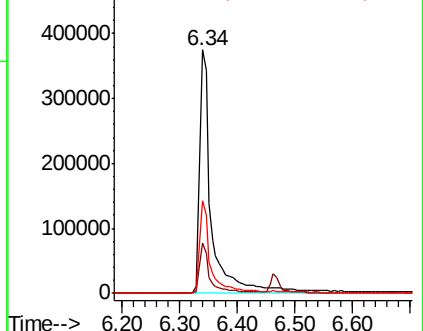
71 37.9 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.842 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109855.D

Acq: 13 Oct 2018 1:29

Tgt Ion: 70 Resp: 44320

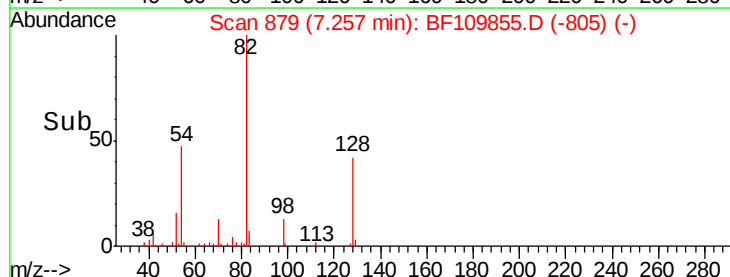
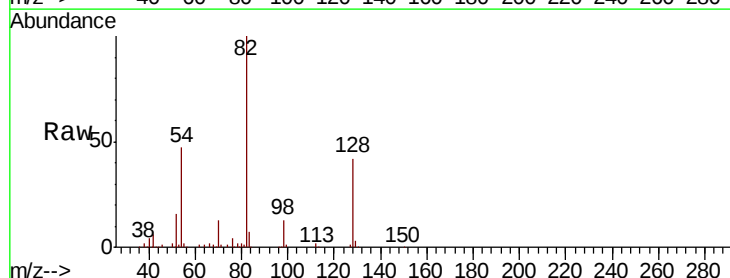
Ion Ratio Lower Upper

70 100

42 47.6 47.4 71.2

101 0.0 7.3 10.9#

130 1.8 16.2 24.2#

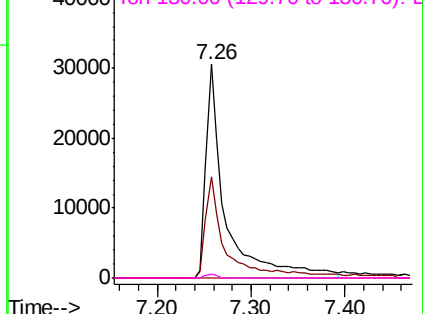


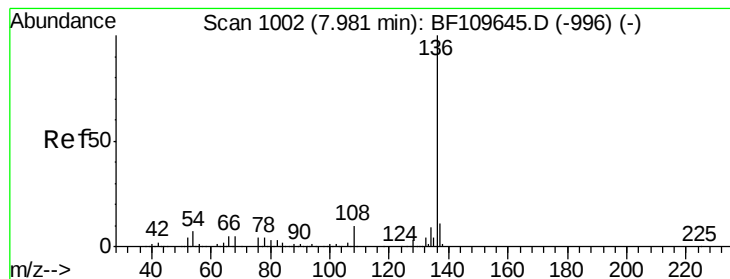
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF109855.D

Acq: 13 Oct 2018 1:29

Instrument :

BNA_F

ClientSampleId :

MS-CON

Tgt Ion: 136 Resp: 343471

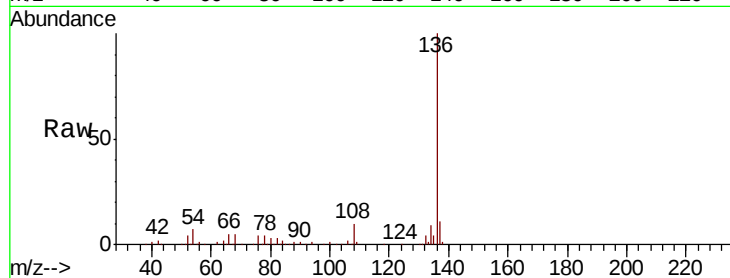
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.7 5.4 8.2

68 5.1 4.2 6.2

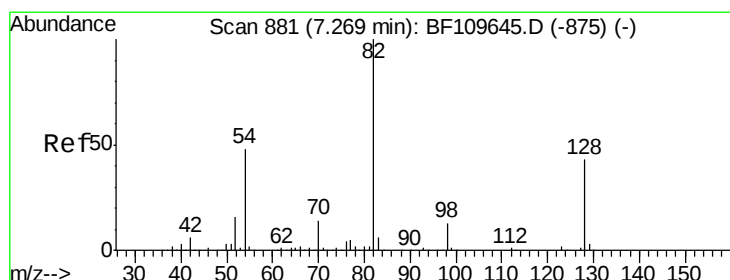
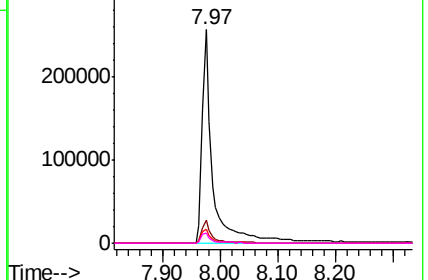
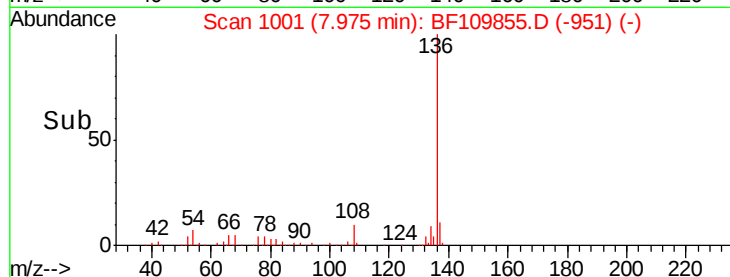


Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.234 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF109855.D

Acq: 13 Oct 2018 1:29

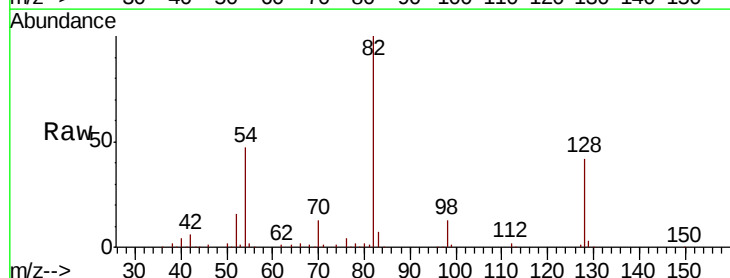
Tgt Ion: 82 Resp: 356619

Ion Ratio Lower Upper

82 100

128 41.7 34.2 51.2

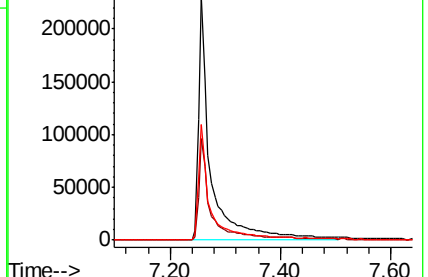
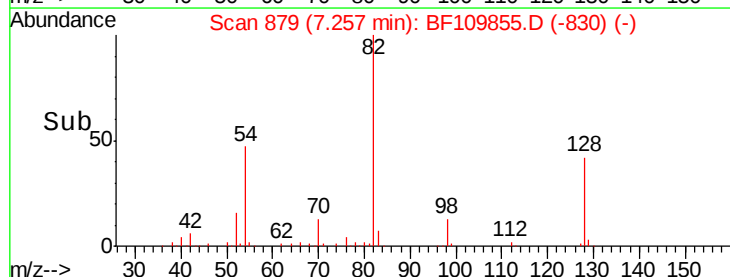
54 47.2 38.6 58.0

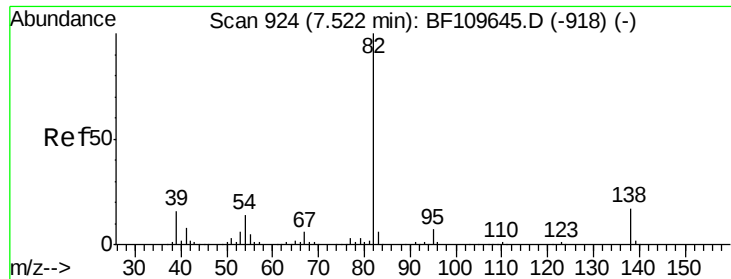


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

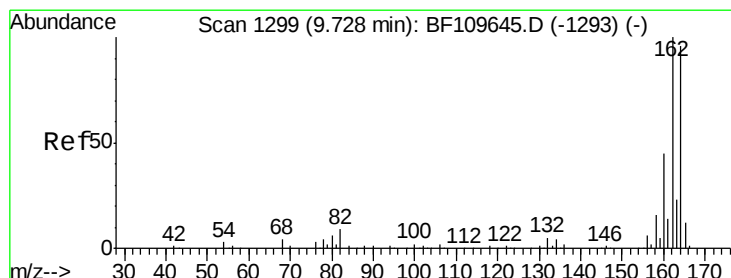
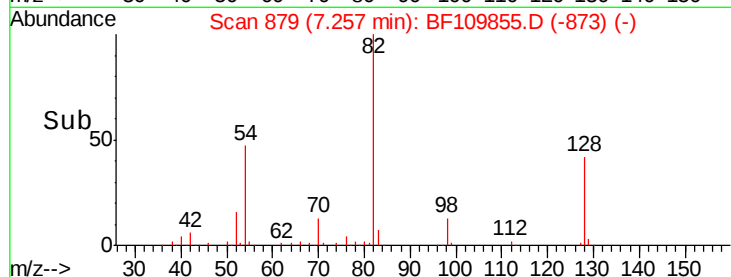
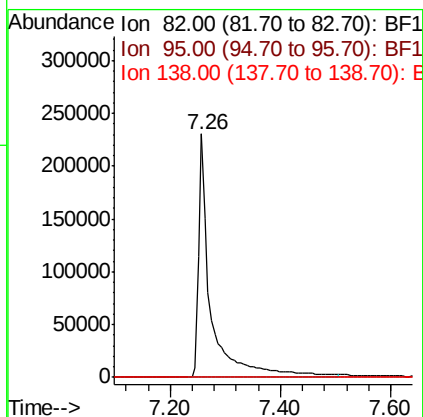
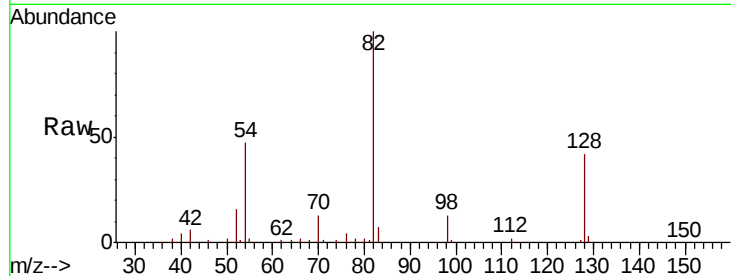




#25
Isophorone
Concen: 34.466 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

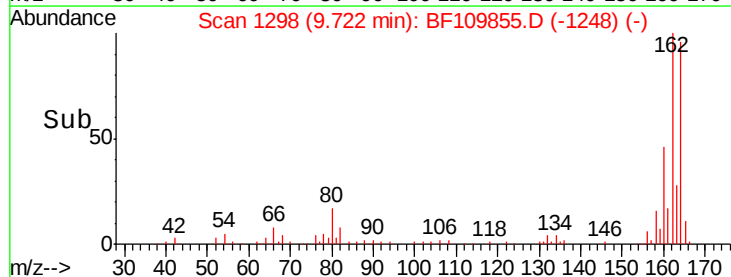
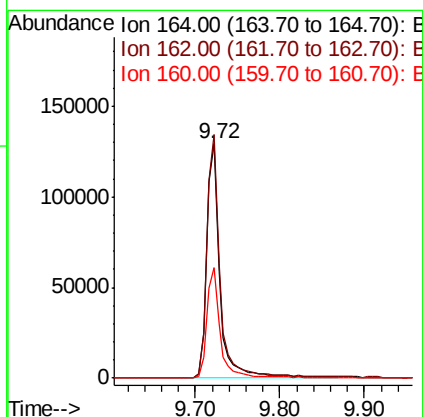
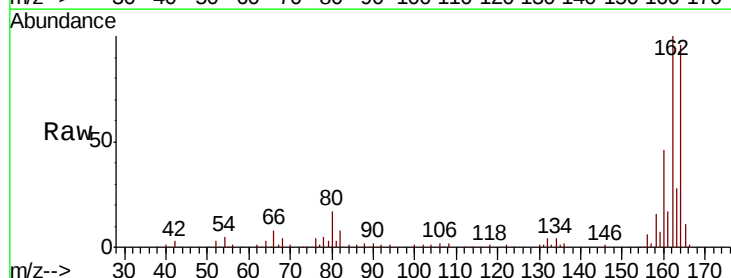
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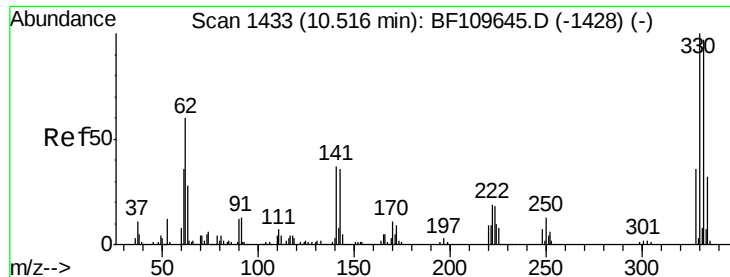
Tgt Ion: 82 Resp: 356619
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

Tgt Ion: 164 Resp: 142204
Ion Ratio Lower Upper
164 100
162 103.9 83.0 124.6
160 47.4 37.0 55.6

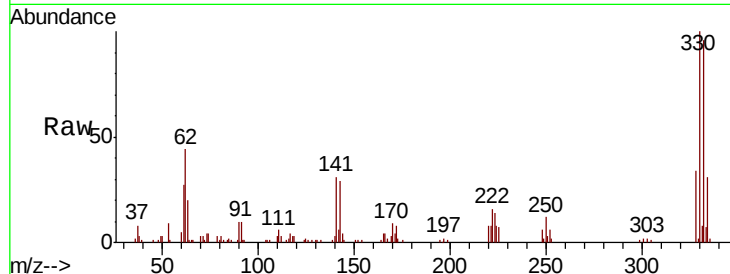




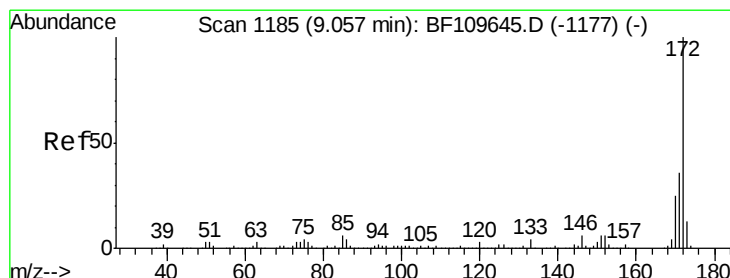
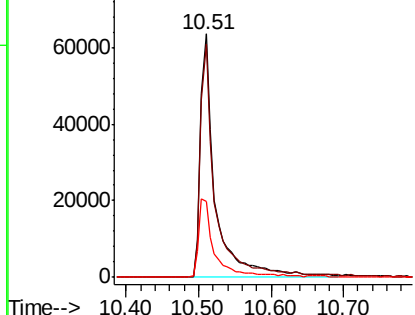
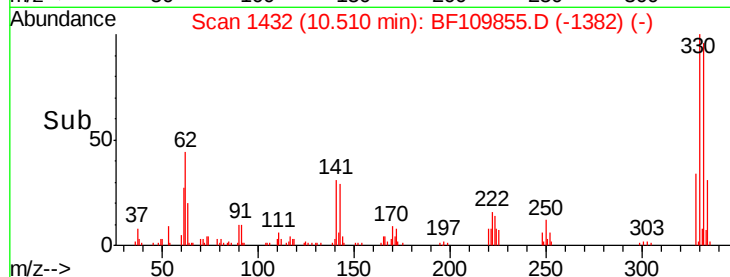
#41
 2,4,6-Tribromophenol
 Concen: 59.637 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109855.D
 Acq: 13 Oct 2018 1:29

Instrument :
 BNA_F
 ClientSampleId :
 MS-CON

Tgt Ion: 330 Resp: 92405
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 34.1 27.0 40.4

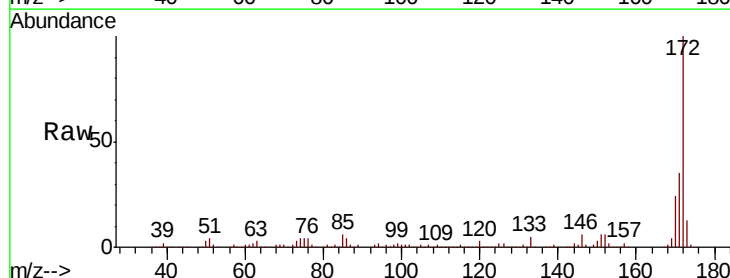


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

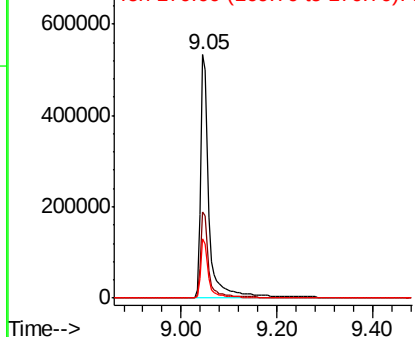
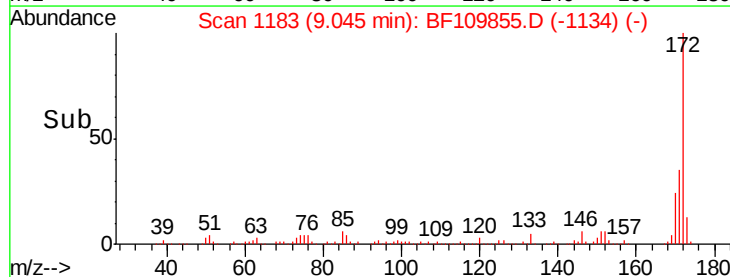


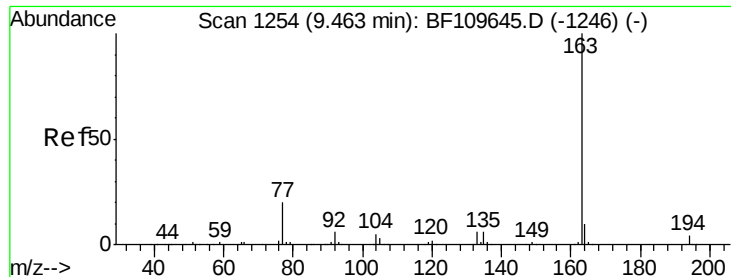
#44
 2-Fluorobiphenyl
 Concen: 64.003 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF109855.D
 Acq: 13 Oct 2018 1:29

Tgt Ion: 172 Resp: 660841
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 24.1 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

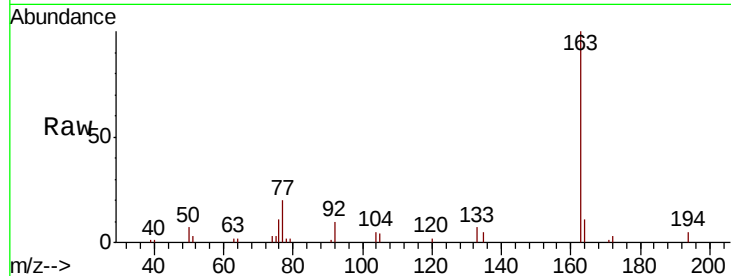




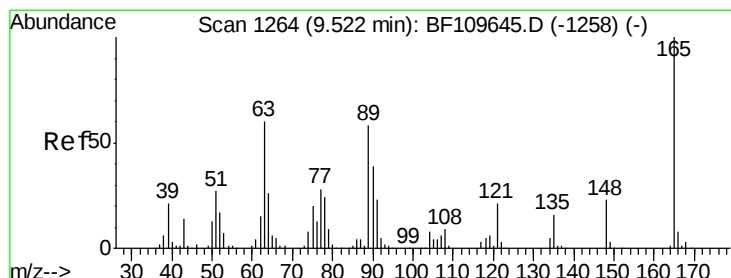
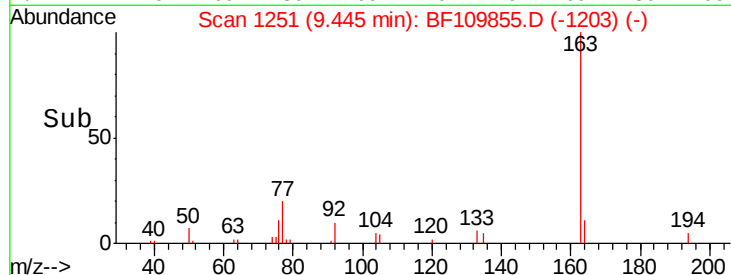
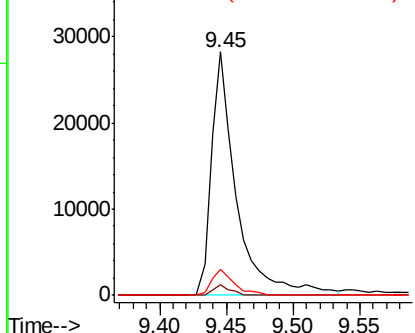
#49
Dimethylphthalate
Concen: 3.571 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

Instrument :
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MS-CON

Tgt Ion:163 Resp: 37239
Ion Ratio Lower Upper
163 100
194 4.6 3.2 4.8
164 10.5 8.1 12.1

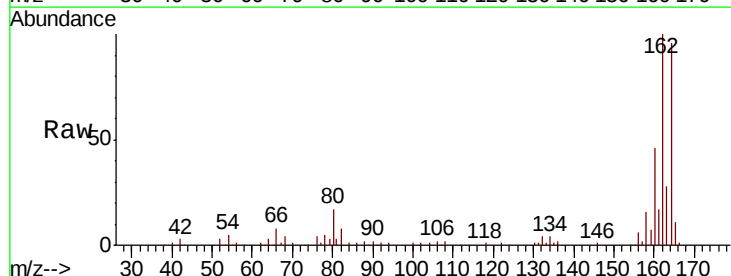


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

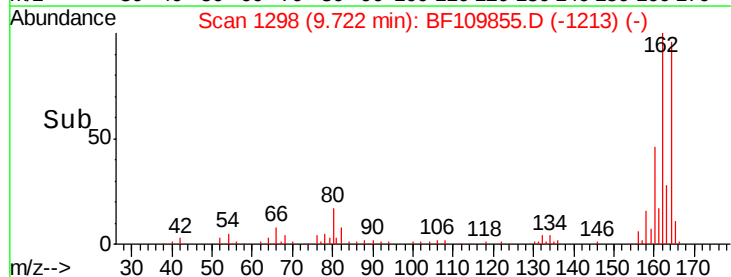
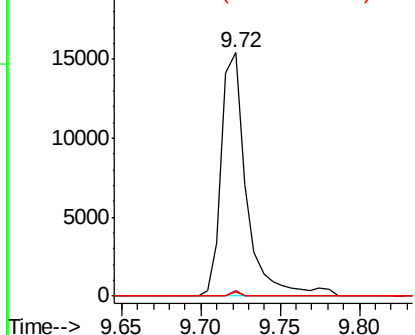


#50
2,6-Dinitrotoluene
Concen: 7.556 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

Tgt Ion:165 Resp: 17083
Ion Ratio Lower Upper
165 100
63 2.3 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

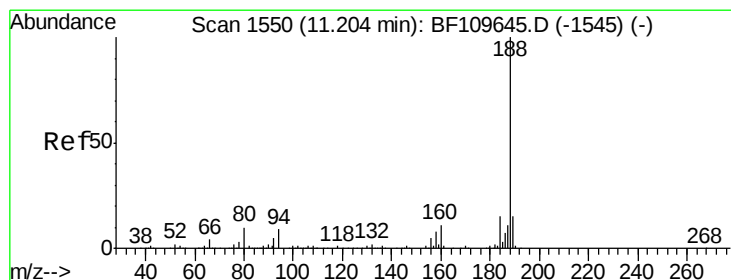
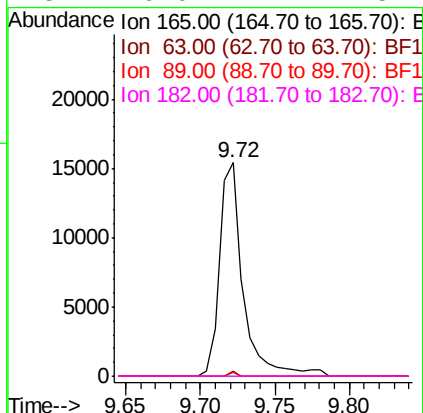
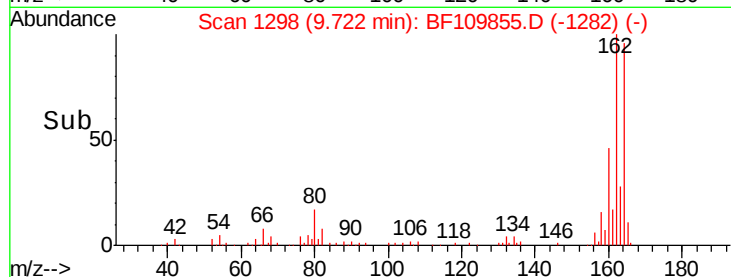
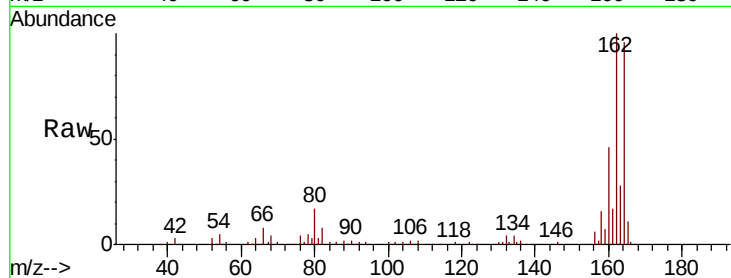




#56
 2,4-Dinitrotoluene
 Concen: 6.054 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109855.D
 Acq: 13 Oct 2018 1:29

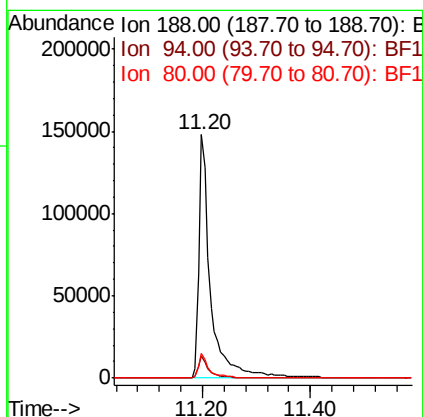
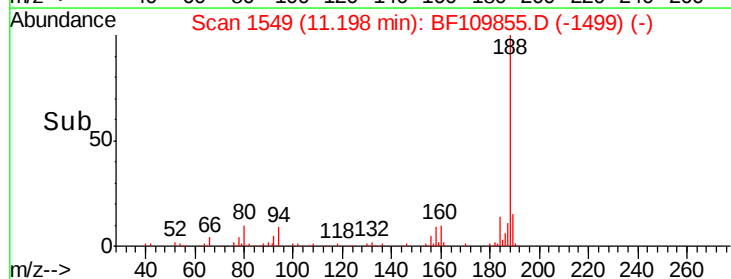
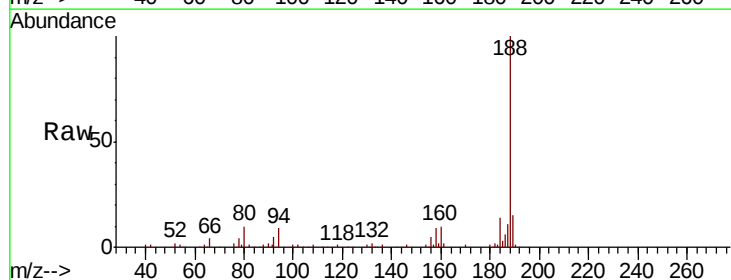
Instrument :
 BNA_F
 ClientSampleId :
 MS-CON

Tgt Ion:165 Resp: 17080
 Ion Ratio Lower Upper
 165 100
 63 2.3 44.8 67.2#
 89 2.0 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: BF109855.D
 Acq: 13 Oct 2018 1:29

Tgt Ion:188 Resp: 224216
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.0 7.9 11.9

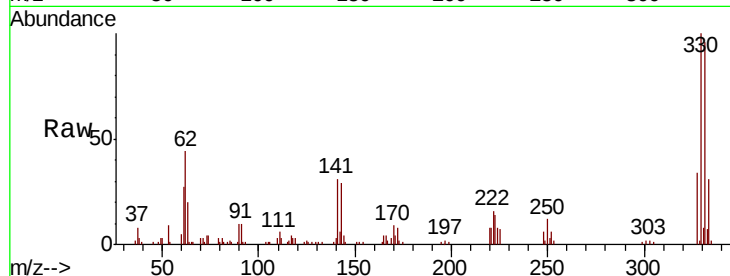




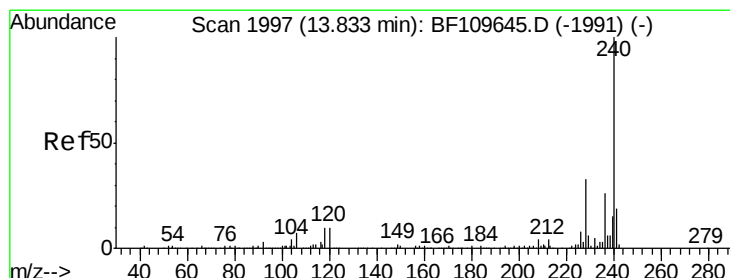
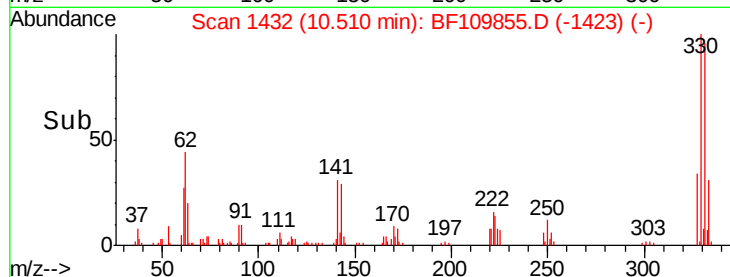
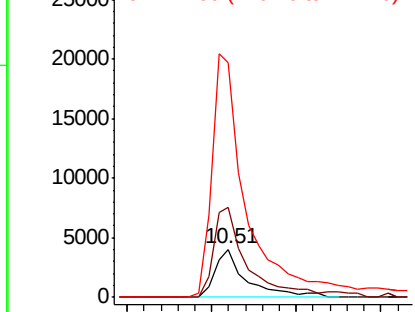
#66
4-Bromophenyl-phenylether
Concen: 2.037 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

Instrument :
BNA_F
ClientSampled :
MS-CON

Tgt Ion:248 Resp: 5249
Ion Ratio Lower Upper
248 100
250 186.5 79.4 119.2#
141 487.5 55.9 83.9#

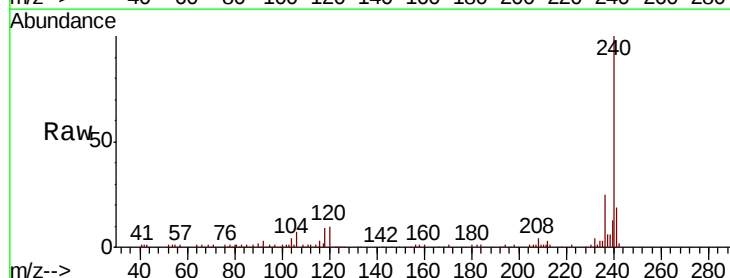


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

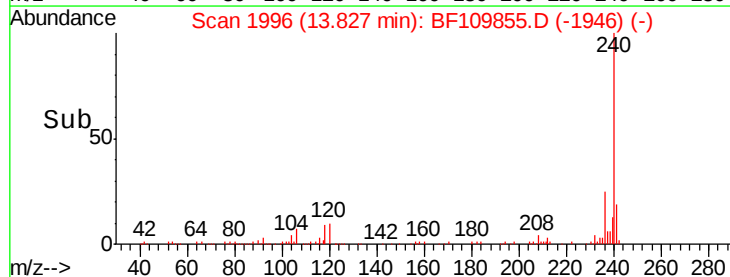
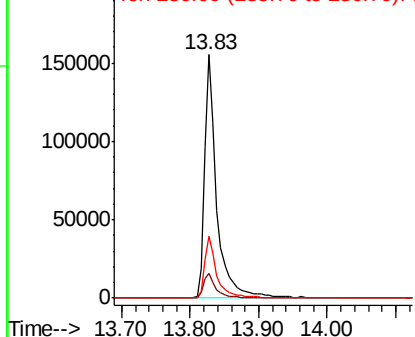


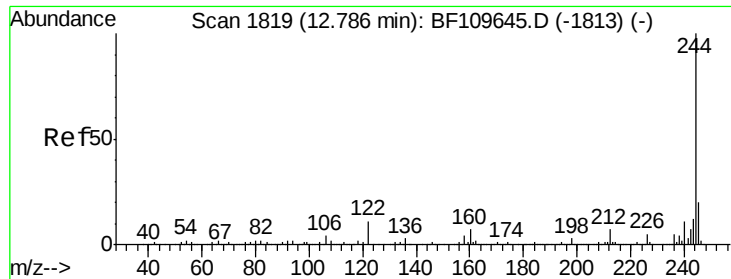
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109855.D
Acq: 13 Oct 2018 1:29

Tgt Ion:240 Resp: 196359
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.2 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: 46.805 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF109855.D

Acq: 13 Oct 2018 1:29

Instrument :

BNA_F

ClientSampleId :

MS-CON

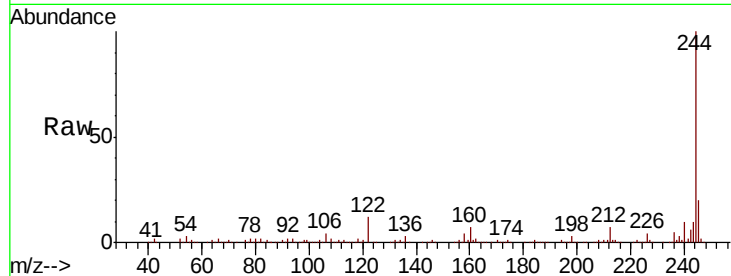
Tgt Ion:244 Resp: 474760

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

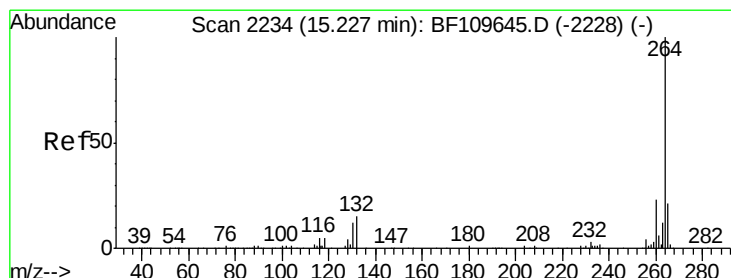
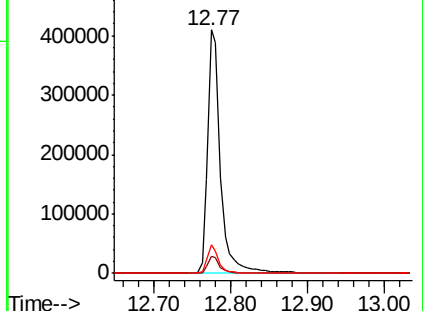
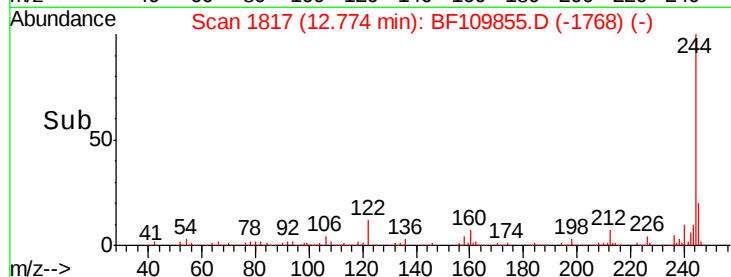
122 11.7 8.7 13.1



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: BF109855.D

Acq: 13 Oct 2018 1:29

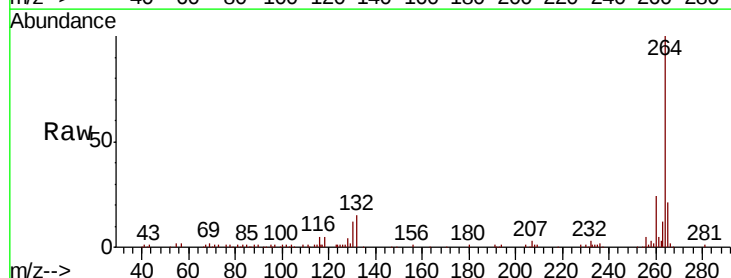
Tgt Ion:264 Resp: 150153

Ion Ratio Lower Upper

264 100

260 23.7 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

