

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112718\
 Data File : BF111033.D
 Acq On : 28 Nov 2018 2:59
 Operator : JU/SJ
 Sample : J5070-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Quant Time: Nov 28 04:02:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

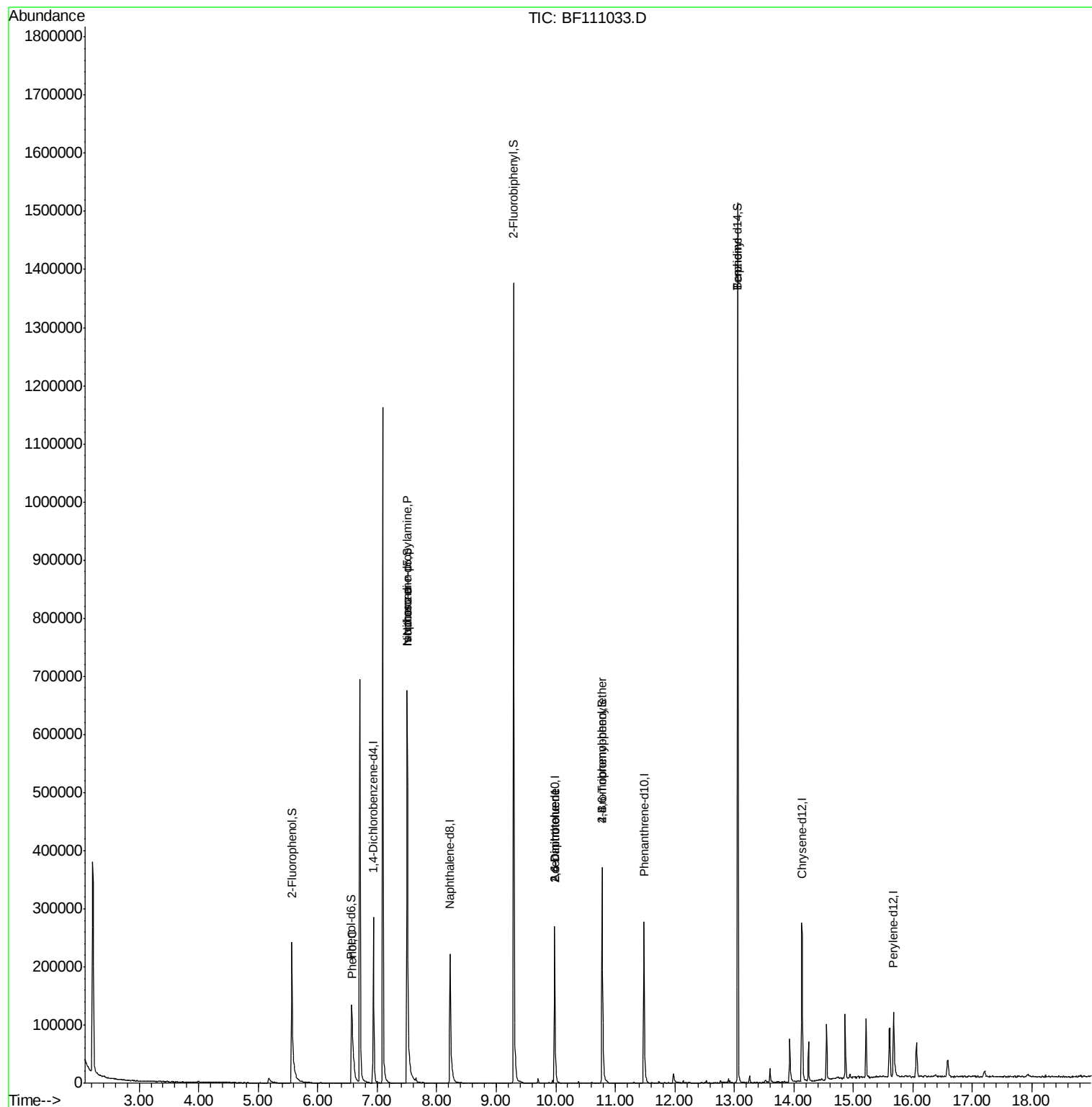
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	47705	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	174796	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	66552	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	132970	20.00	ng	0.00
76) Chrysene-d12	14.13	240	112137	20.00	ng	0.00
87) Perylene-d12	15.67	264	72150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	118815	41.30	ng	0.01
7) Phenol-d6	6.57	99	86821	23.16	ng	0.00
23) Nitrobenzene-d5	7.50	82	283984	92.98	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	60111	90.95	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	461925	100.56	ng	0.00
79) Terphenyl-d14	13.06	244	510960	88.70	ng	0.00
Target Compounds						
10) Phenol	6.59	94	14382	3.407	ng	# 77
19) n-Nitroso-di-n-propylamine	7.50	70	37080	15.184	ng	# 80
25) Isophorone	7.50	82	283984	56.683	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	8711	8.017	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	8711	6.179	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	3501	2.418	ng	# 1
77) Benzidine	13.06	184	6727	2.345	ng	# 96

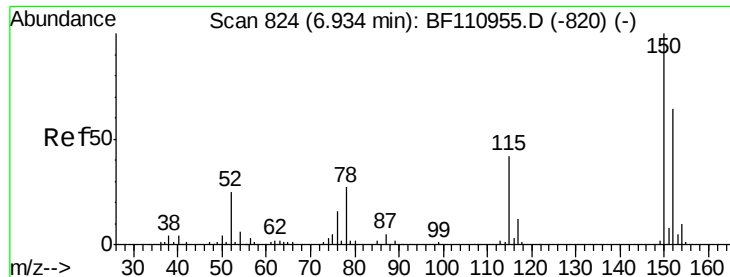
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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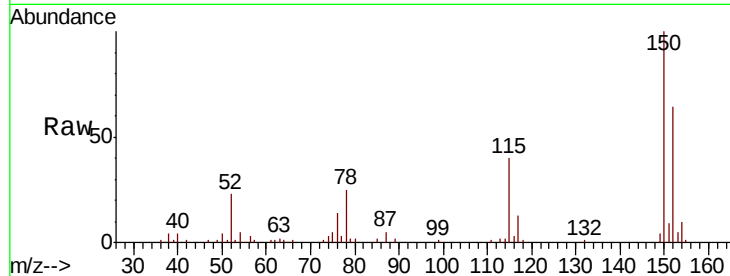


#1

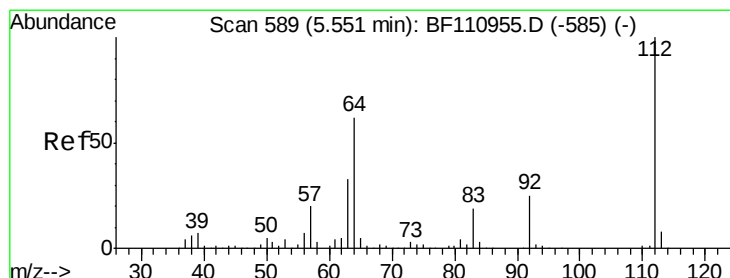
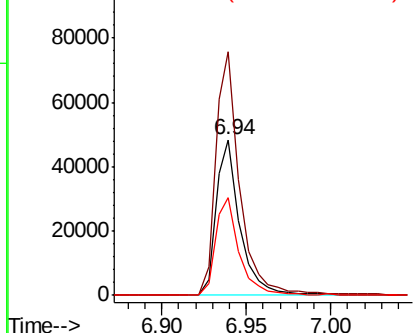
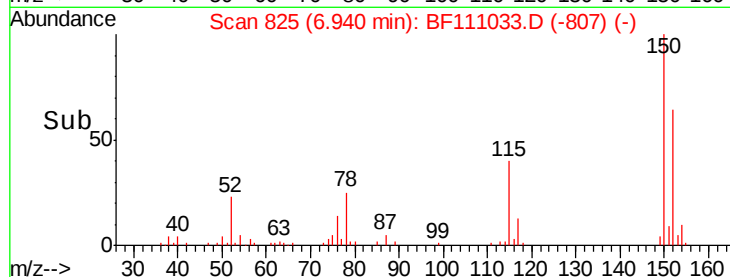
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Tgt Ion:152 Resp: 47705
 Ion Ratio Lower Upper
 152 100
 150 156.3 122.7 184.1
 115 62.7 49.1 73.7



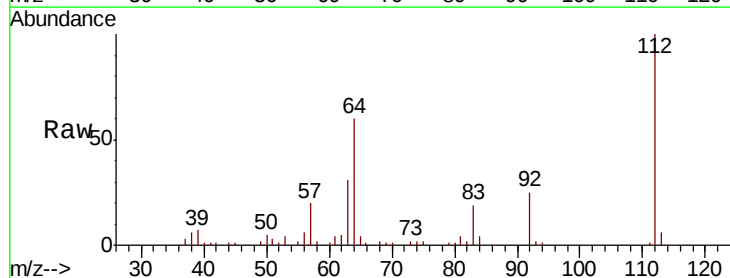
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



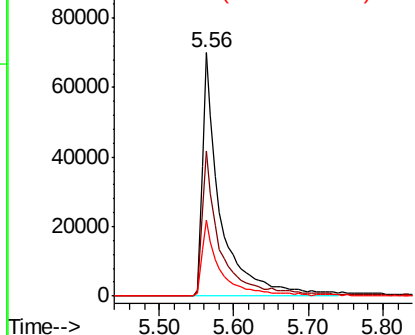
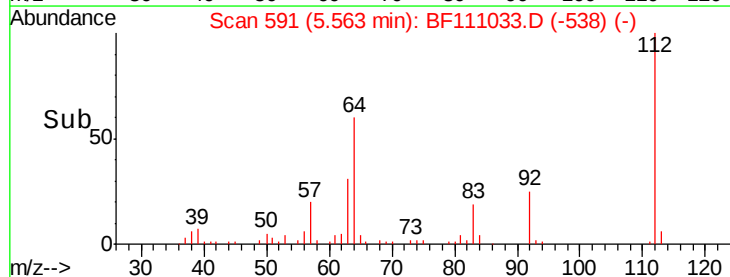
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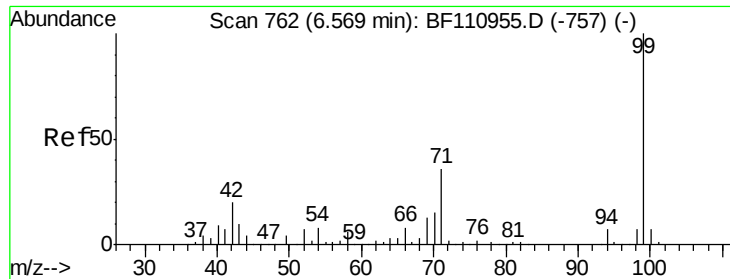
2-Fluorophenol
 Concen: 41.302 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.01 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Tgt Ion:112 Resp: 118815
 Ion Ratio Lower Upper
 112 100
 64 59.6 44.1 66.1
 63 31.0 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: 23.159 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-S

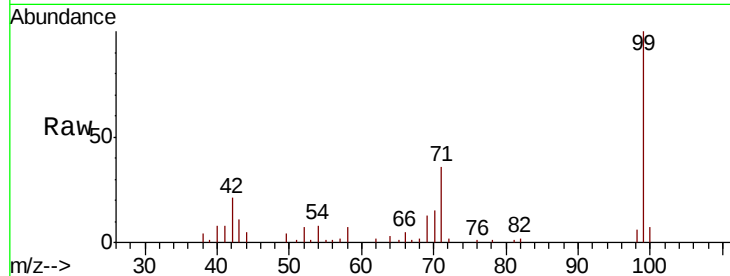
Tgt Ion: 99 Resp: 86821

Ion Ratio Lower Upper

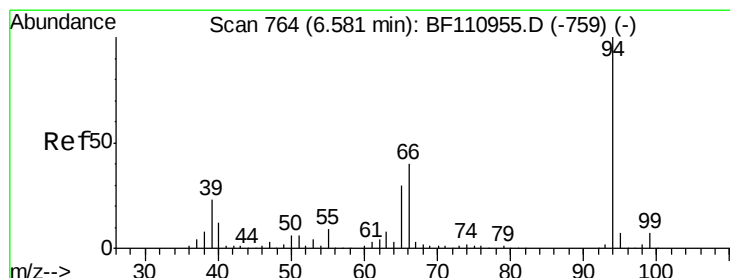
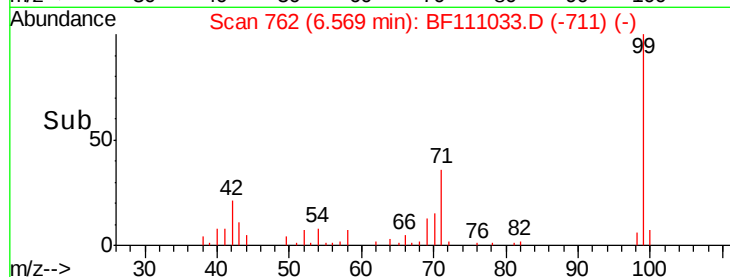
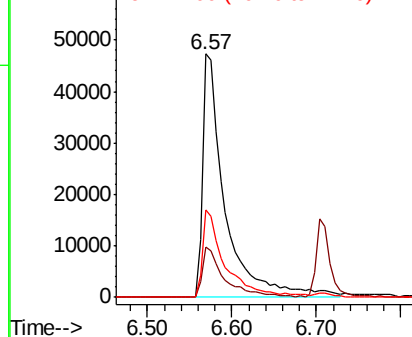
99 100

42 20.5 15.8 23.6

71 36.1 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



#10

Phenol

Concen: 3.407 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

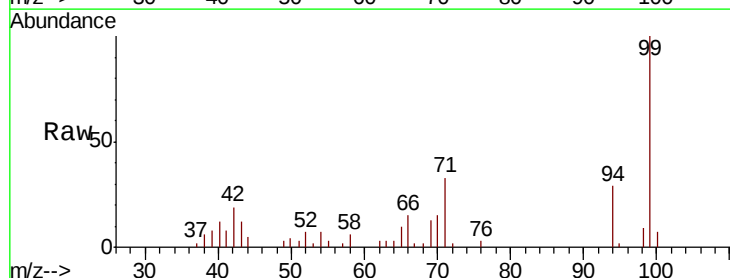
Tgt Ion: 94 Resp: 14382

Ion Ratio Lower Upper

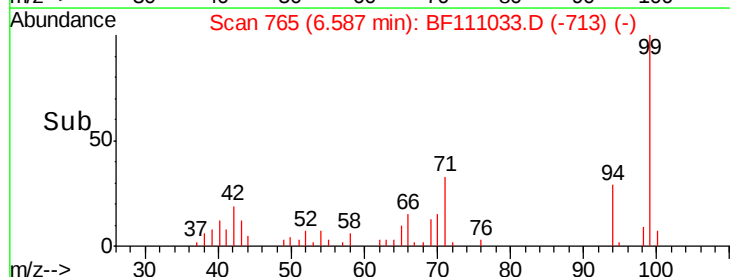
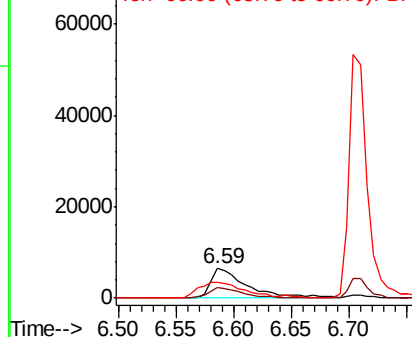
94 100

65 34.4 25.3 65.3

66 52.1 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





#19

n-Nitroso-di-n-propylamine

Concen: 15.184 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-S

Tgt Ion: 70 Resp: 37080

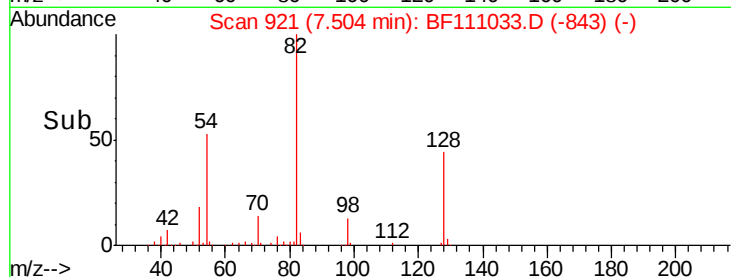
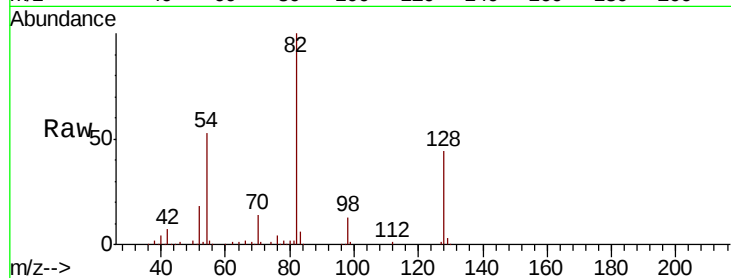
Ion Ratio Lower Upper

70 100

42 49.6 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

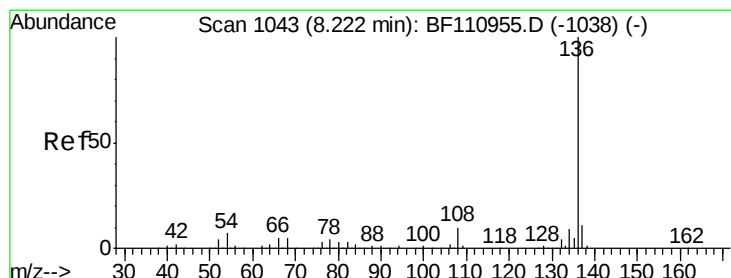
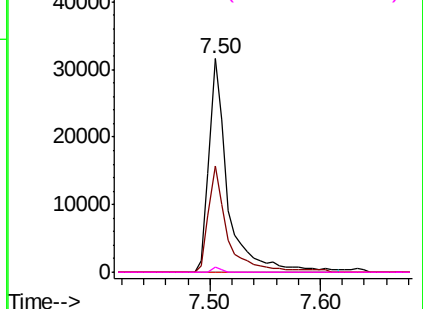


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Tgt Ion: 136 Resp: 174796

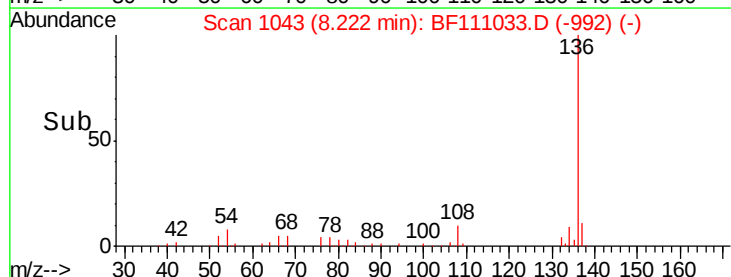
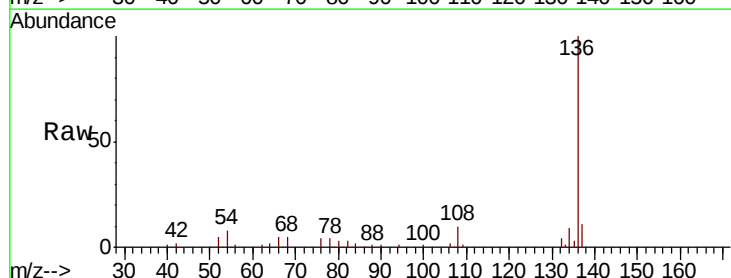
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.8 5.4 8.2

68 5.4 4.2 6.2

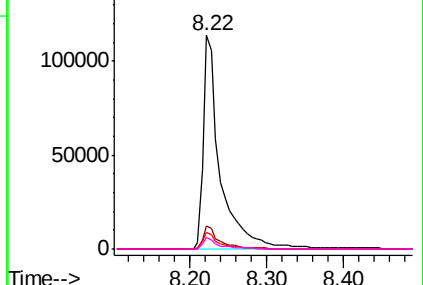


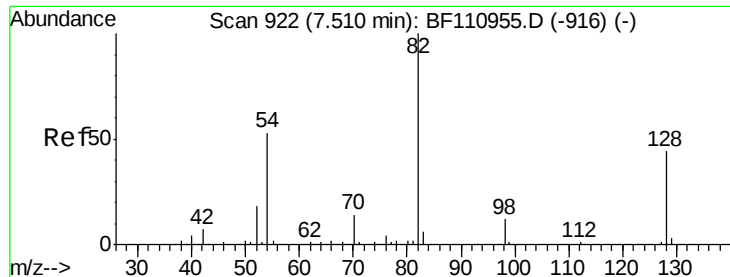
Abundance Ion 136.00 (135.70 to 136.70): E

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

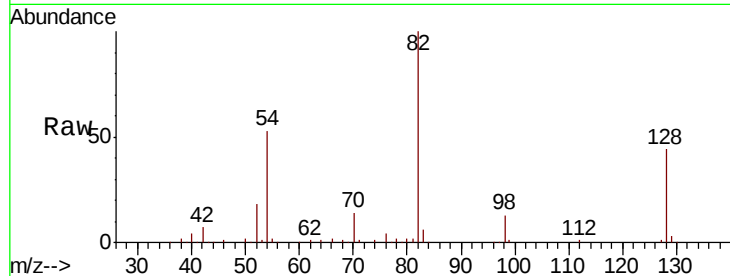




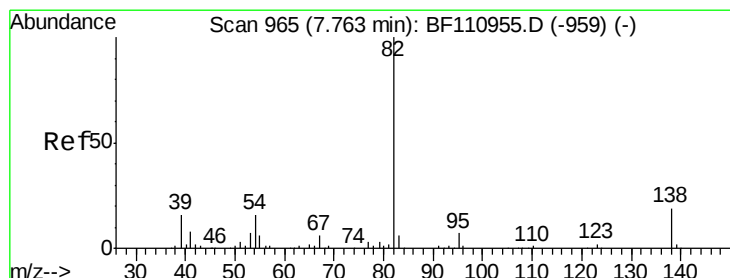
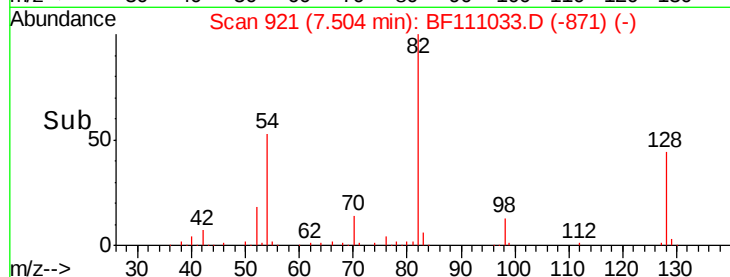
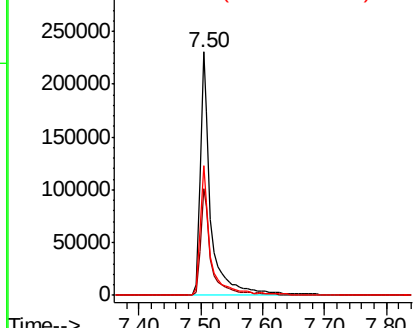
#23
 Nitrobenzene-d5
 Concen: 92.980 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	53.1	38.6	58.0

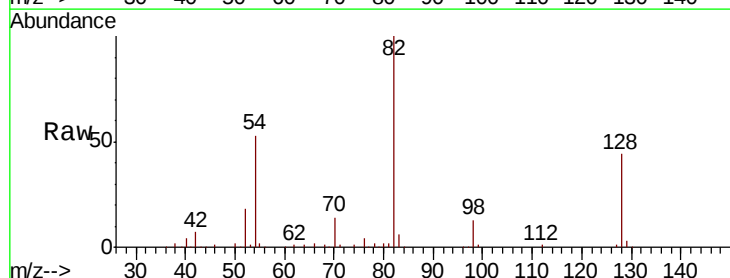


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

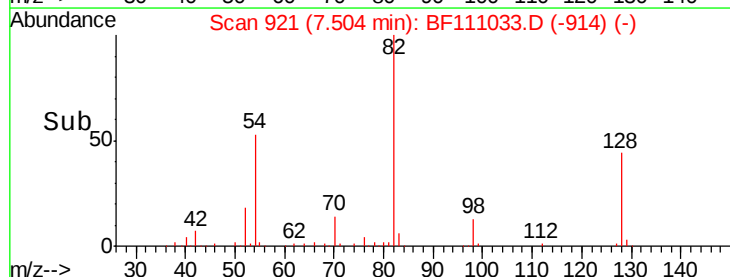
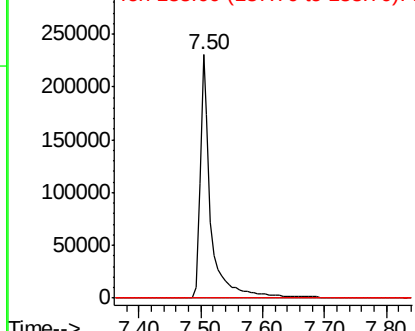


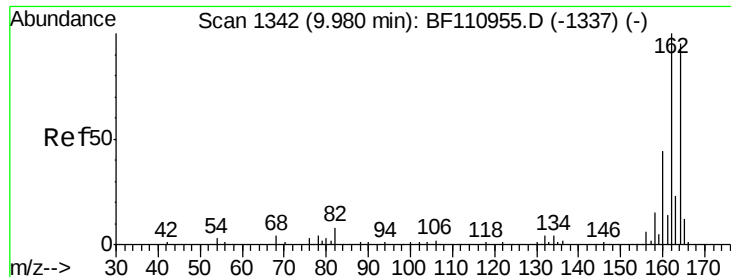
#25
 Isophorone
 Concen: 56.683 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

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



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

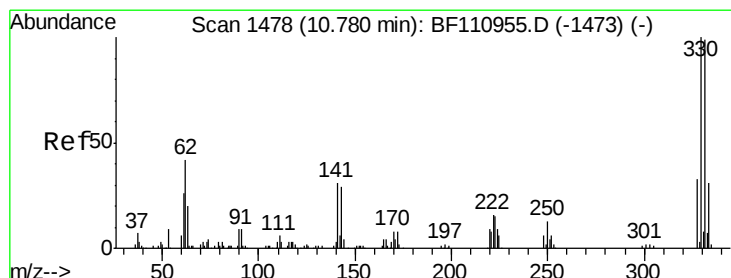
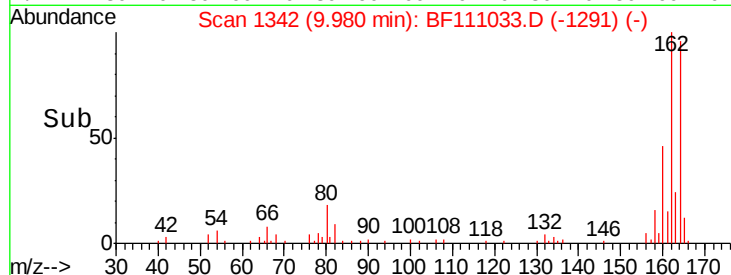
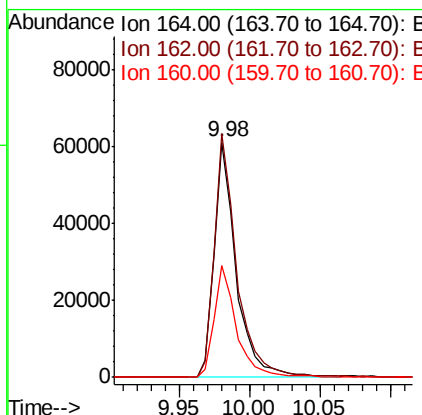
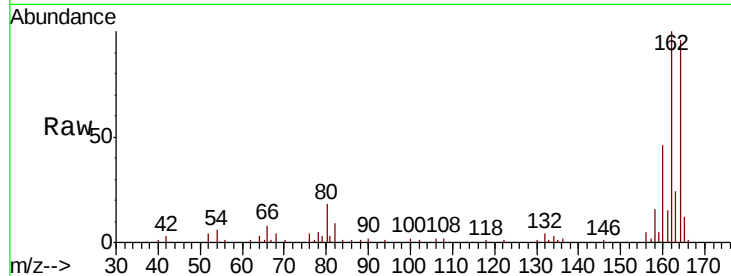




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

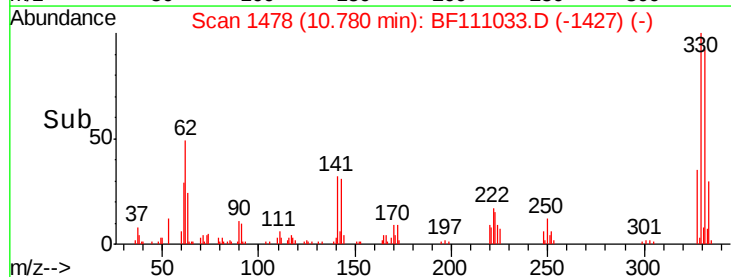
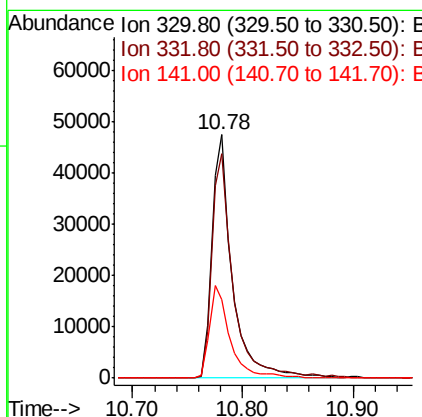
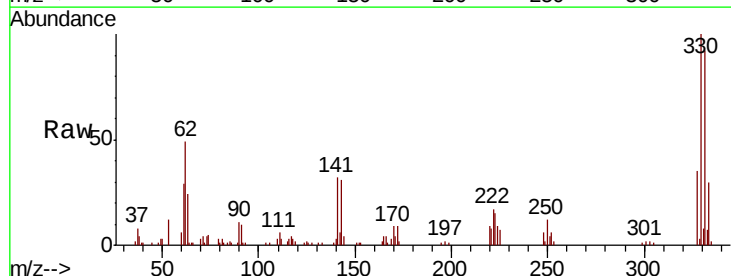
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 112418-CHDE-F-D-S

Tgt Ion:164 Resp: 66552
 Ion Ratio Lower Upper
 164 100
 162 103.7 83.0 124.6
 160 47.4 37.0 55.6



#42
 2,4,6-Tribromophenol
 Concen: 90.946 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Tgt Ion:330 Resp: 60111
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.1 115.7
 141 38.1 27.0 40.4

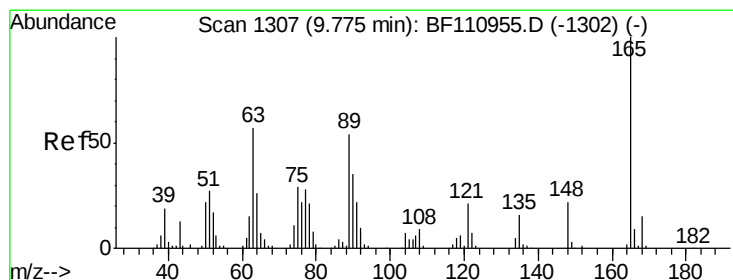
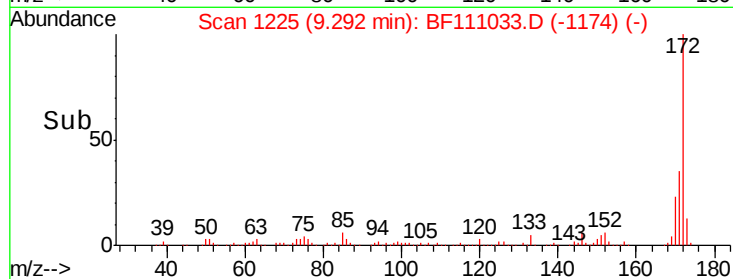
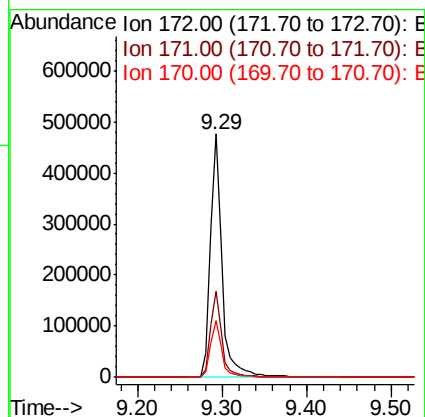
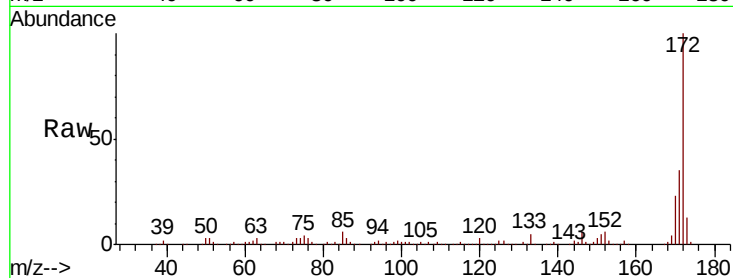




#45
 2-Fluorobiphenyl
 Concen: 100.557 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

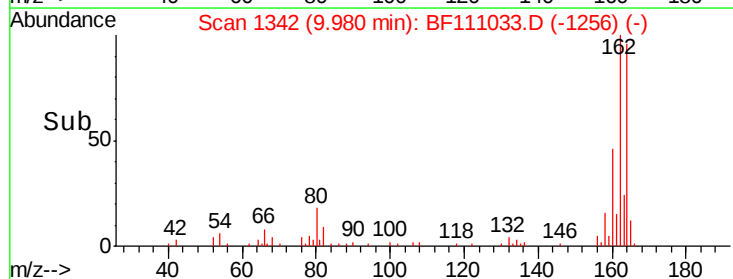
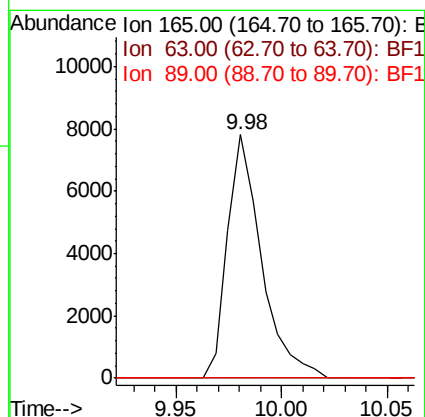
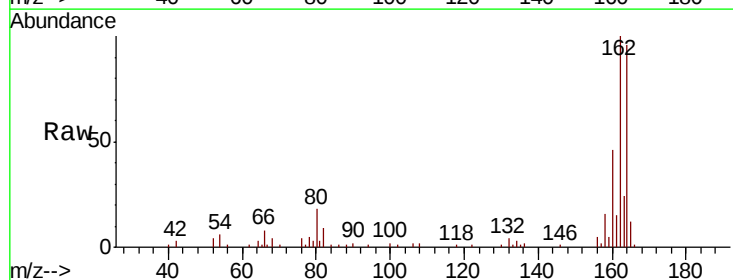
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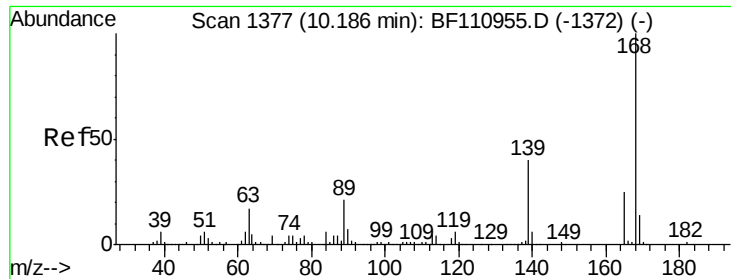
Tgt Ion:172 Resp: 461925
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.5 19.7 29.5



#51
 2,6-Dinitrotoluene
 Concen: 8.017 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Tgt Ion:165 Resp: 8711
 Ion Ratio Lower Upper
 165 100
 63 0.0 48.9 73.3#
 89 0.0 46.6 69.8#

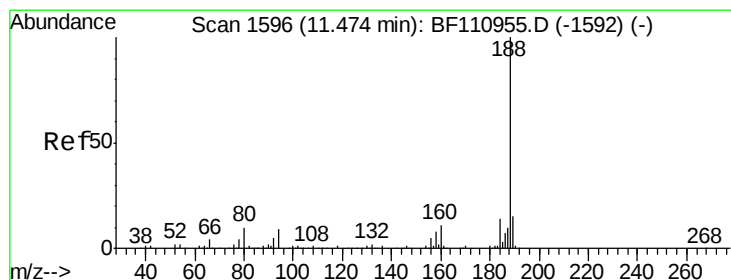
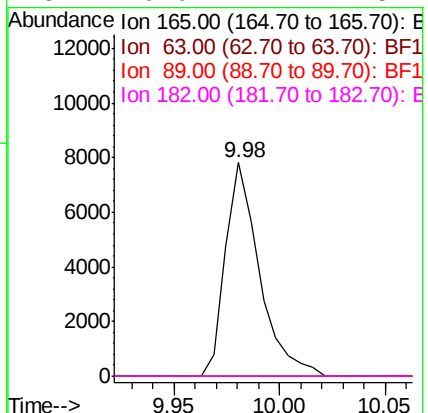
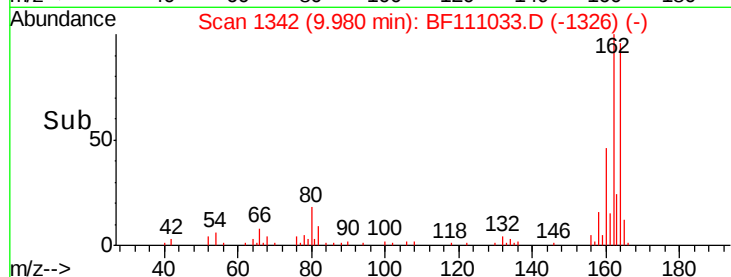
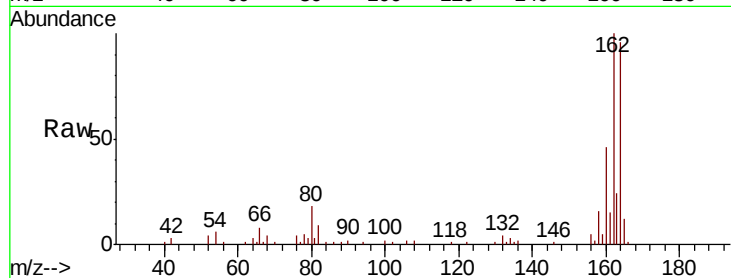




#57
2,4-Dinitrotoluene
Concen: 6.179 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

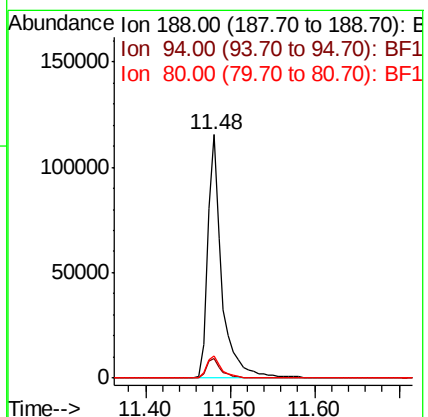
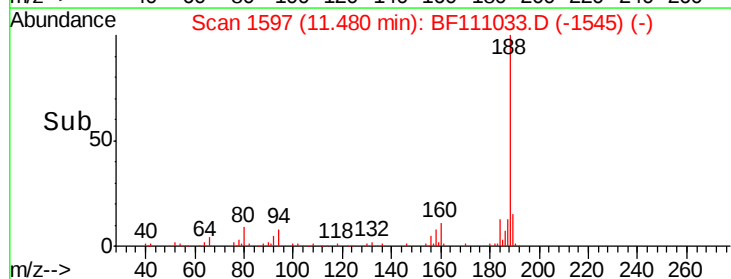
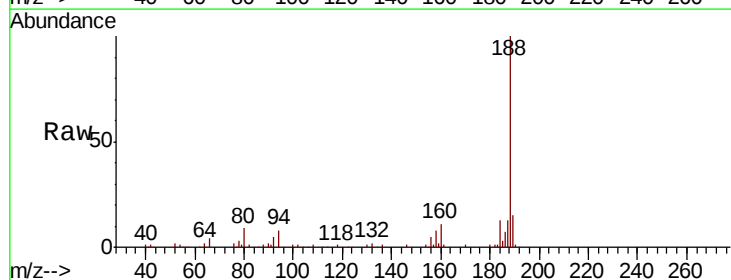
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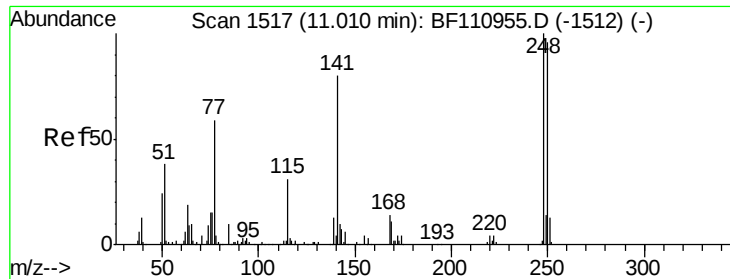
Tgt Ion:165 Resp: 8711
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 0.0 62.2 93.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Tgt Ion:188 Resp: 132970
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 9.2 7.9 11.9

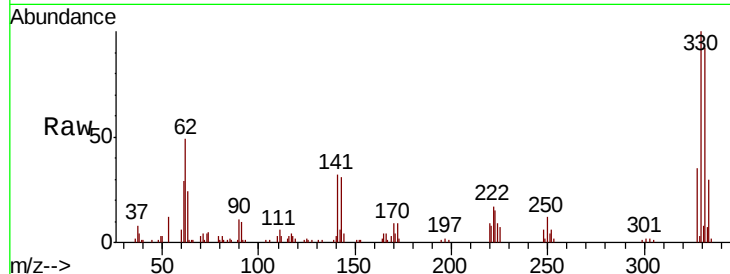




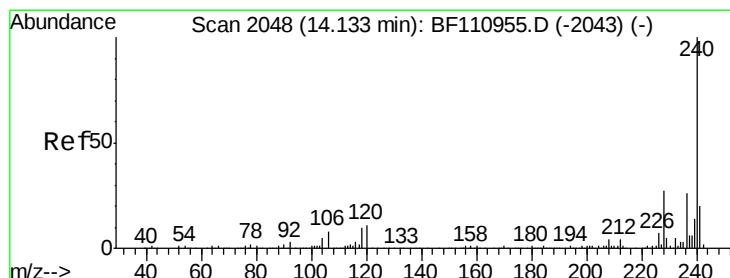
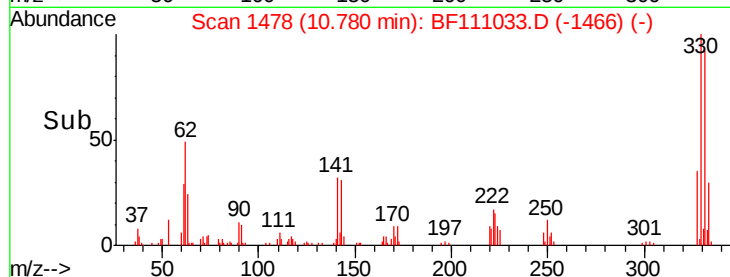
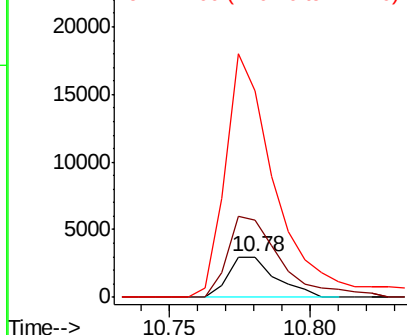
#67
 4-Bromophenyl-phenylether
 Concen: 2.418 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.23 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Instrument :
 BNA_F
 ClientSampleId :
 112418-CHDE-F-D-S

Tgt Ion:248 Resp: 3501
 Ion Ratio Lower Upper
 248 100
 250 190.9 79.4 119.2#
 141 506.6 55.9 83.9#

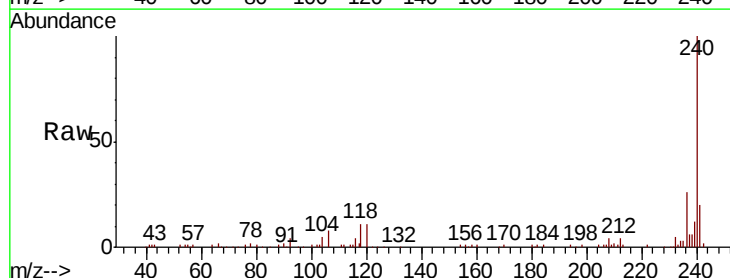


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

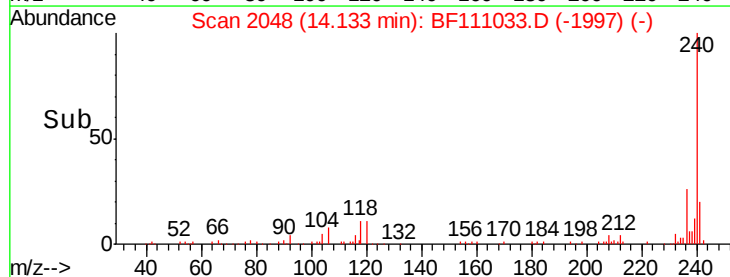
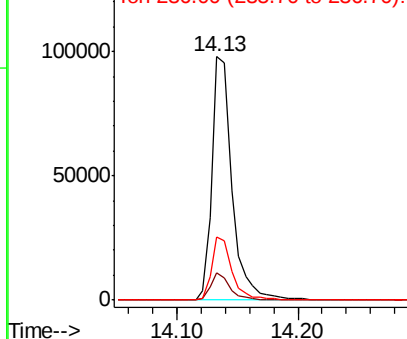


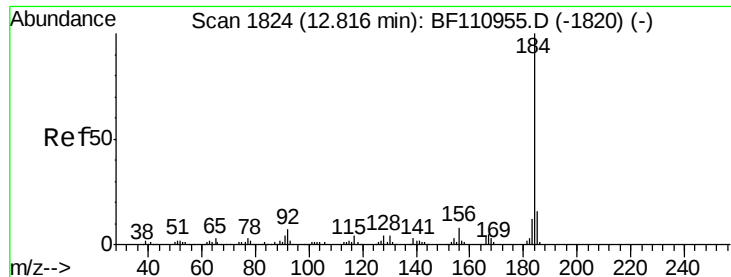
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF111033.D
 Acq: 28 Nov 2018 2:59

Tgt Ion:240 Resp: 112137
 Ion Ratio Lower Upper
 240 100
 120 11.3 8.3 12.5
 236 25.8 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





#77

Benzidine

Concen: 2.345 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.24 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

Instrument :

BNA_F

ClientSampleId :

112418-CHDE-F-D-S

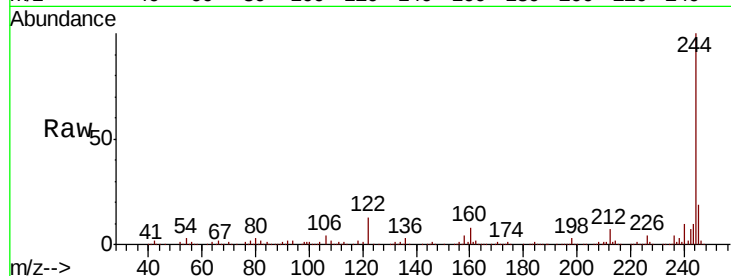
Tgt Ion:184 Resp: 6727

Ion Ratio Lower Upper

184 100

185 16.5 13.4 20.2

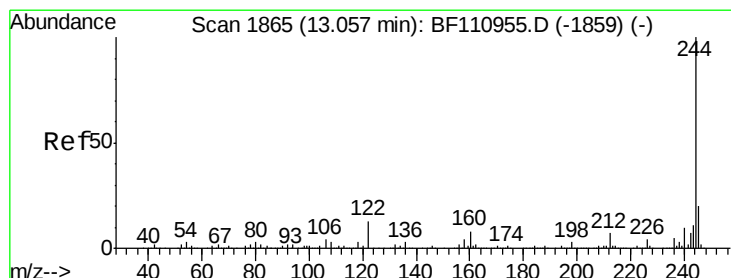
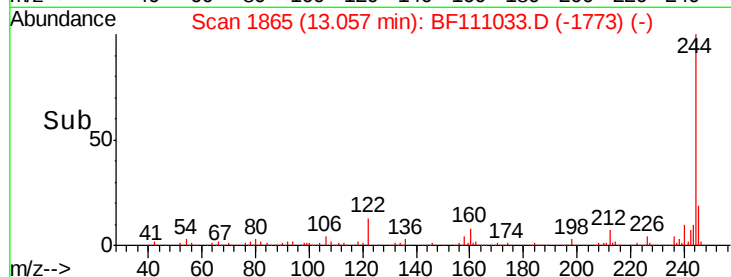
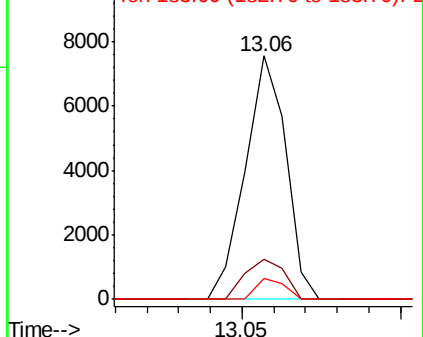
183 8.6 9.4 14.2#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 88.700 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF111033.D

Acq: 28 Nov 2018 2:59

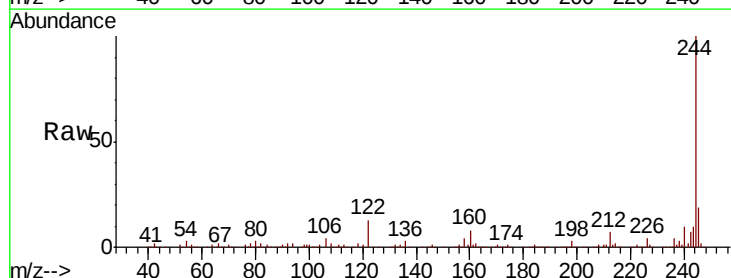
Tgt Ion:244 Resp: 510960

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

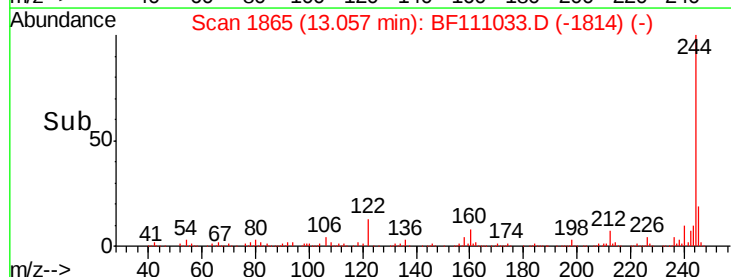
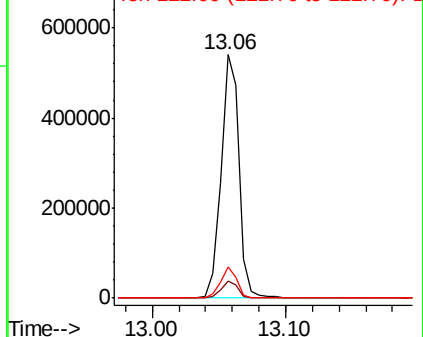
122 12.5 8.7 13.1

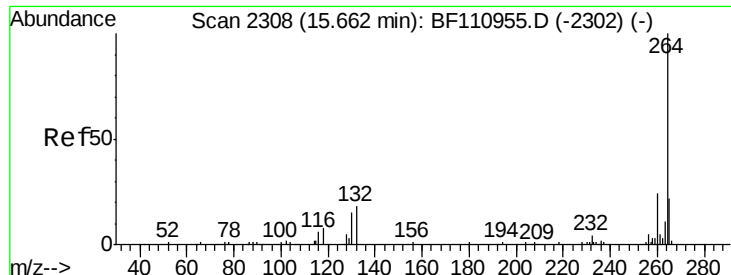


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF111033.D
Acq: 28 Nov 2018 2:59

Instrument :
BNA_F
ClientSampleId :
112418-CHDE-F-D-S

Tgt Ion: 264 Resp: 72150
Ion Ratio Lower Upper
264 100
260 22.7 18.7 28.1
265 20.9 16.7 25.1

