

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
 Data File : BF110863.D
 Acq On : 19 Nov 2018 19:48
 Operator : JU/SJ
 Sample : J5993-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20180928-AMENDED-WCC-1-COMP

Quant Time: Nov 20 00:36:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

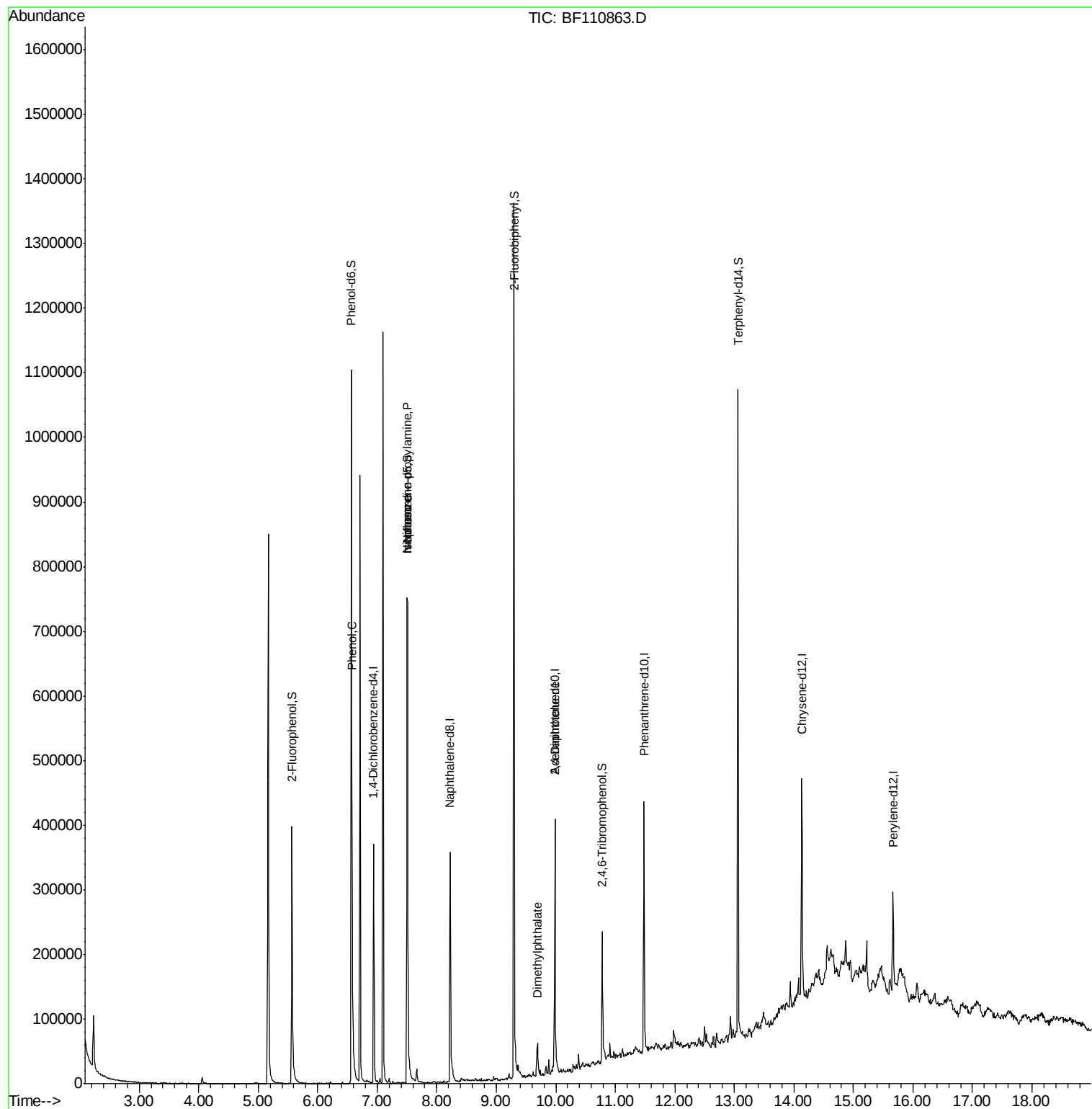
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53527	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	220168	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	88863	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	144985	20.00	ng	0.00
76) Chrysene-d12	14.13	240	115958	20.00	ng	0.00
87) Perylene-d12	15.67	264	76370	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	144531	43.86	ng	0.00
7) Phenol-d6	6.57	99	380703	90.34	ng	0.00
23) Nitrobenzene-d5	7.51	82	297006	77.69	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	26876	30.02	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	468306	75.26	ng	0.00
79) Terphenyl-d14	13.06	244	342559	55.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	800	Below Cal		Qvalue
10) Phenol	6.58	94	20341	4.163 ng	#	1
19) n-Nitroso-di-n-propylamine	7.50	70	38977	14.490 ng	#	84
25) Isophorone	7.51	82	297006	47.399 ng	#	67
50) Dimethylphthalate	9.69	163	26250	3.959 ng		98
57) 2,4-Dinitrotoluene	9.99	165	11635	6.135 ng	#	17

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

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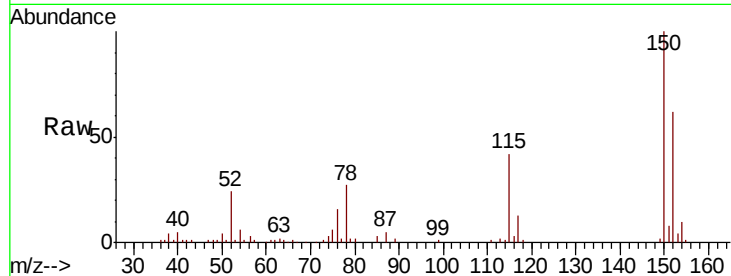


#1

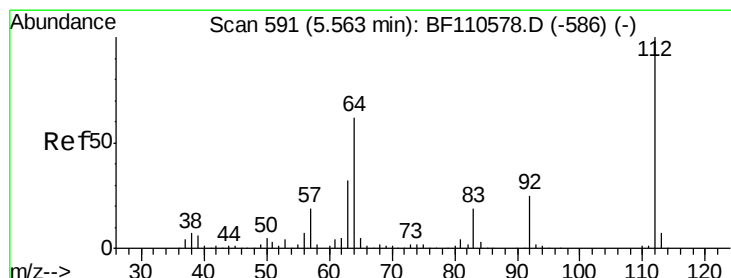
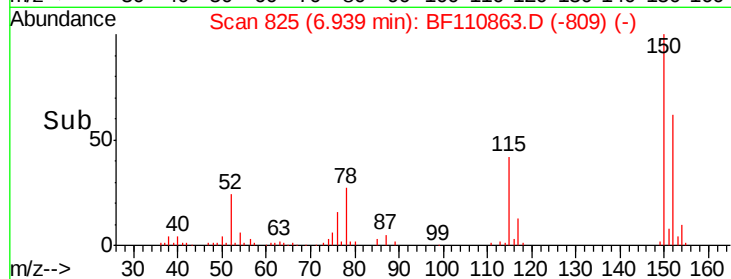
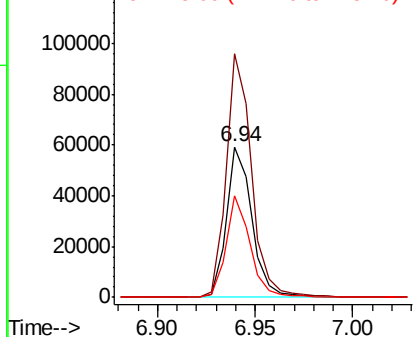
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

Tgt Ion:152 Resp: 53527
Ion Ratio Lower Upper
152 100
150 161.8 122.7 184.1
115 67.3 49.1 73.7



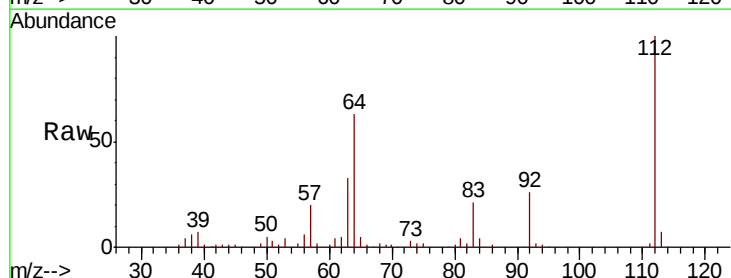
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



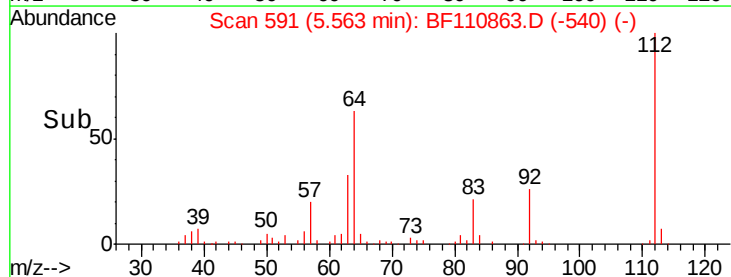
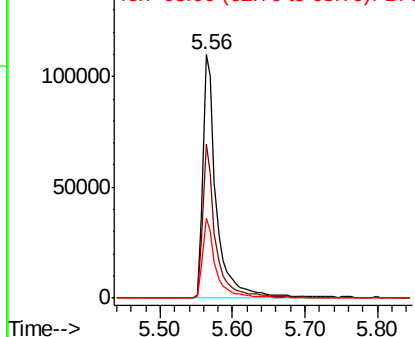
#5

2-Fluorophenol
Concen: 43.859 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion:112 Resp: 144531
Ion Ratio Lower Upper
112 100
64 63.1 44.1 66.1
63 32.7 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: 90.343 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110863.D

Acq: 19 Nov 2018 19:48

Instrument :

BNA_F

ClientSampleId :

20180928-AMENDED-WCC-1-COMP

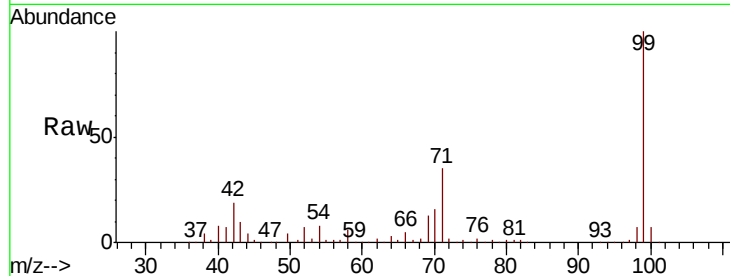
Tgt Ion: 99 Resp: 380703

Ion Ratio Lower Upper

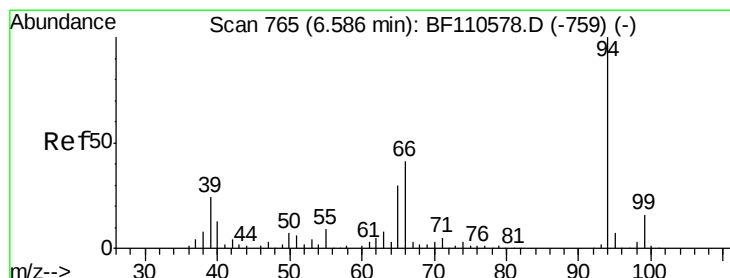
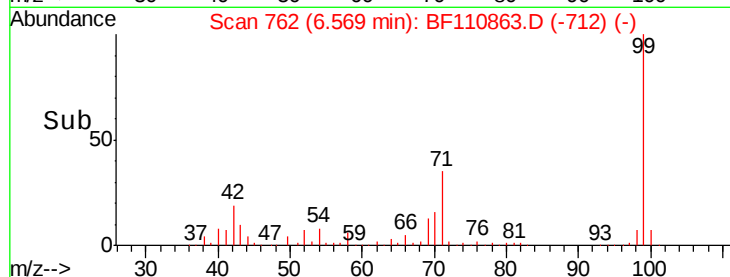
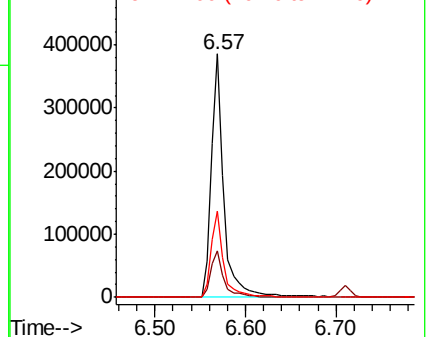
99 100

42 19.1 15.8 23.6

71 35.4 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: 4.163 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110863.D

Acq: 19 Nov 2018 19:48

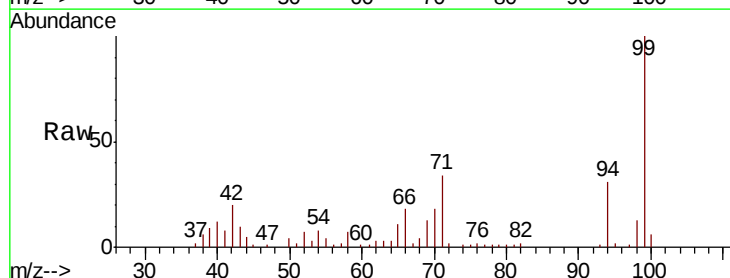
Tgt Ion: 94 Resp: 20341

Ion Ratio Lower Upper

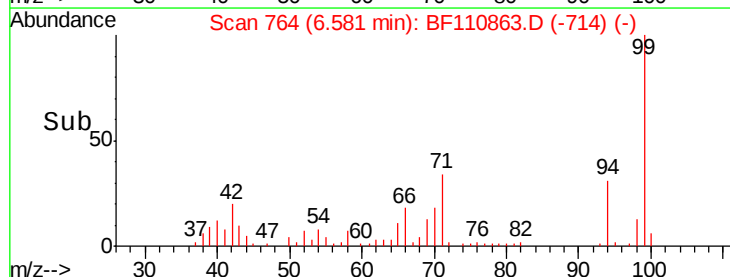
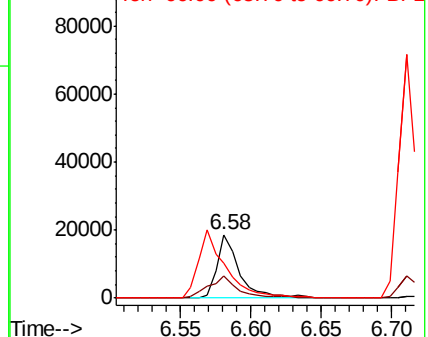
94 100

65 35.2 25.3 65.3

66 55.8 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

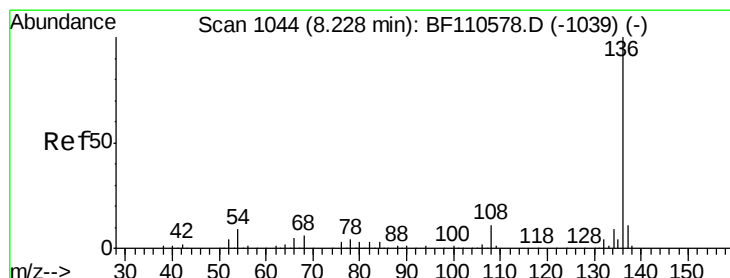
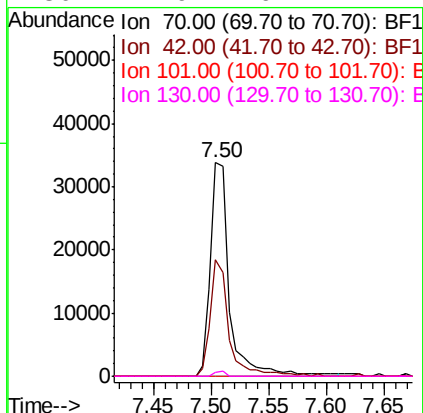
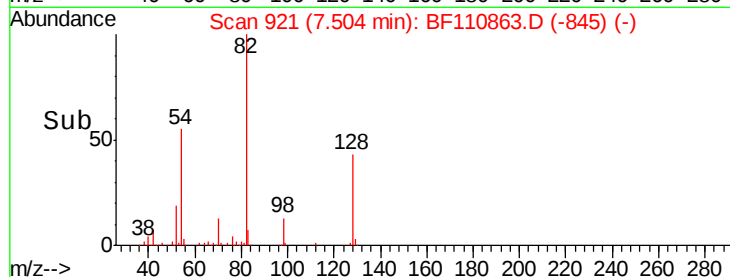
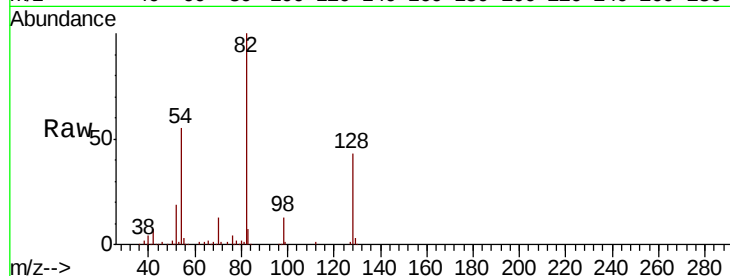




#19
n-Nitroso-di-n-propylamine
Concen: 14.490 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

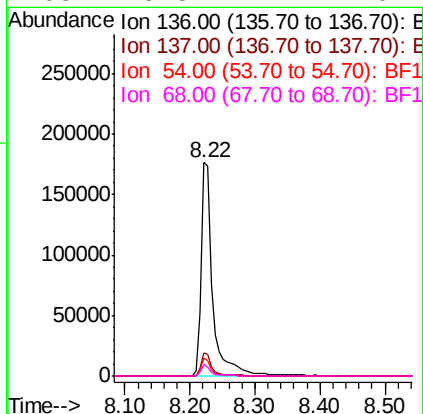
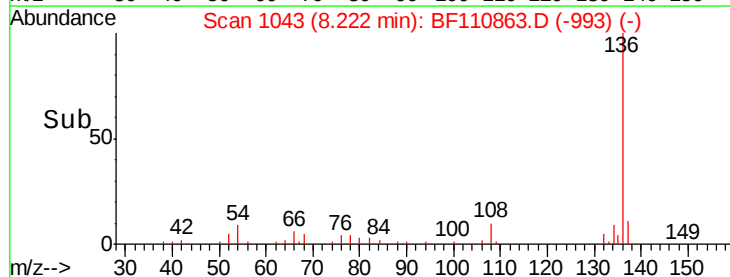
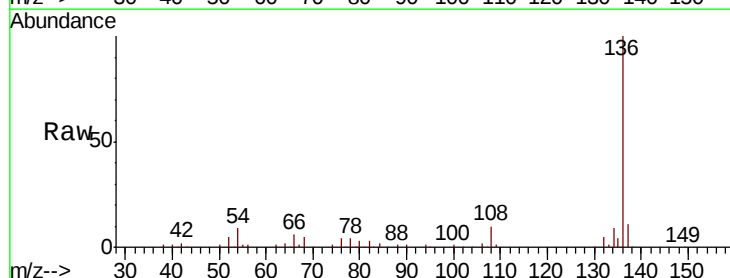
Instrument :
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20180928-AMENDED-WCC-1-COMP

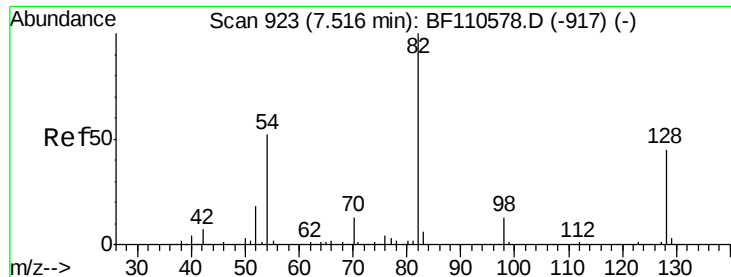
Tgt Ion: 70 Resp: 38977
Ion Ratio Lower Upper
70 100
42 54.8 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion: 136 Resp: 220168
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.6 5.4 8.2#
68 5.3 4.2 6.2

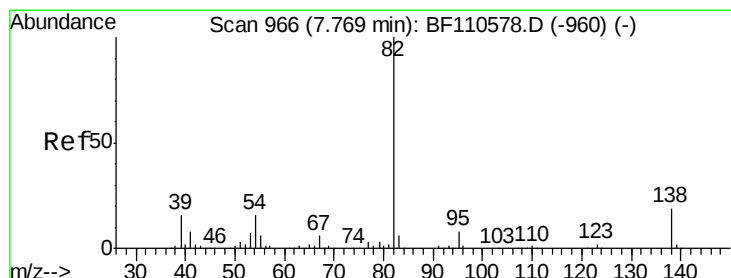
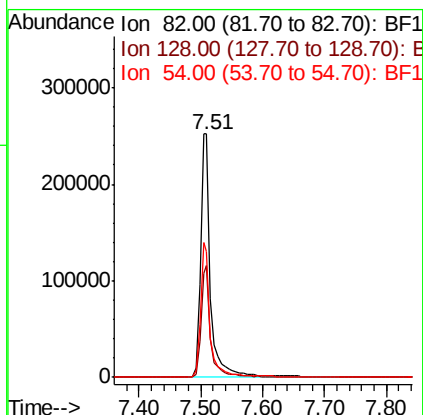
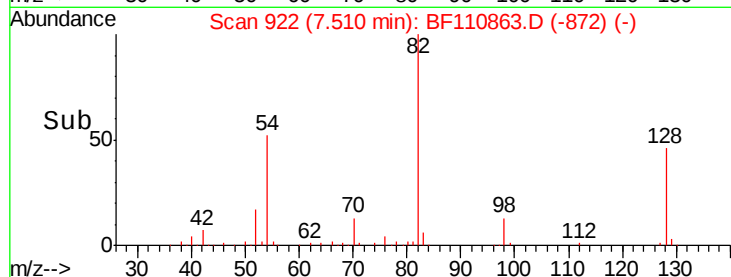
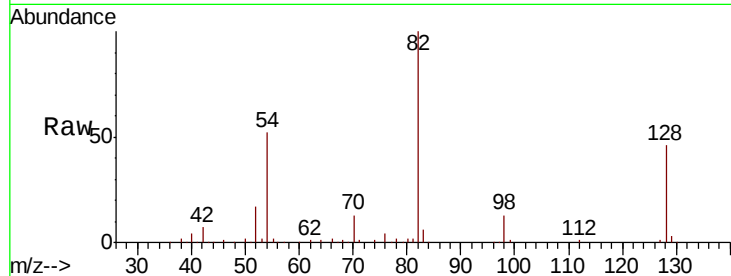




#23
Nitrobenzene-d5
Concen: 77.688 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

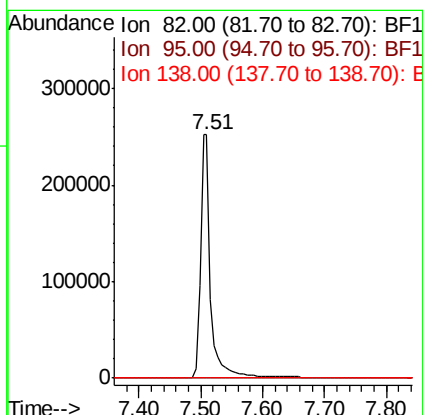
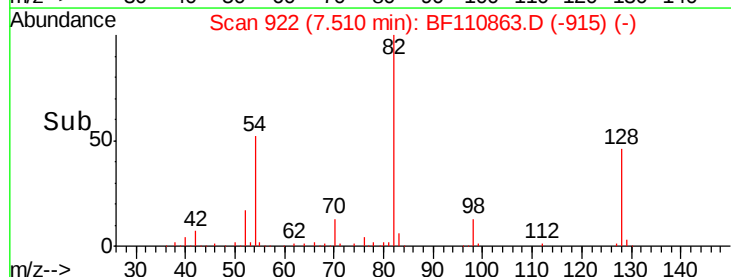
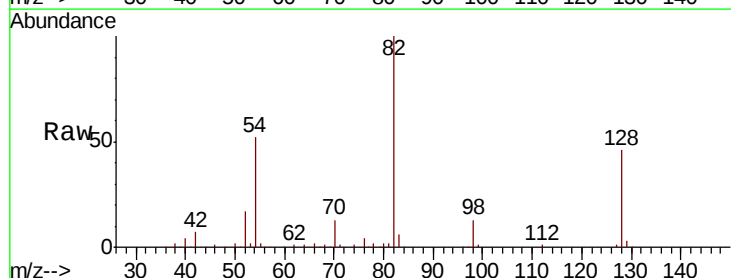
Instrument :
BNA_F
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

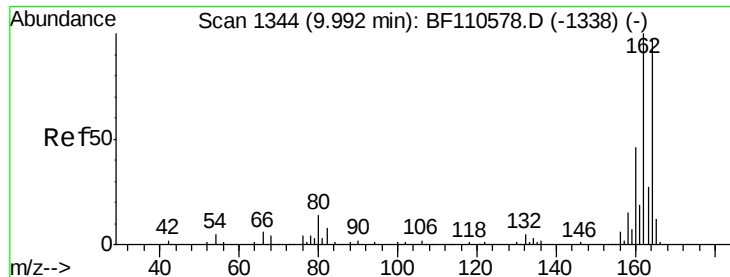
Tgt Ion: 82 Resp: 297006
Ion Ratio Lower Upper
82 100
128 46.0 34.2 51.2
54 51.6 38.6 58.0



#25
Isophorone
Concen: 47.399 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion: 82 Resp: 297006
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#

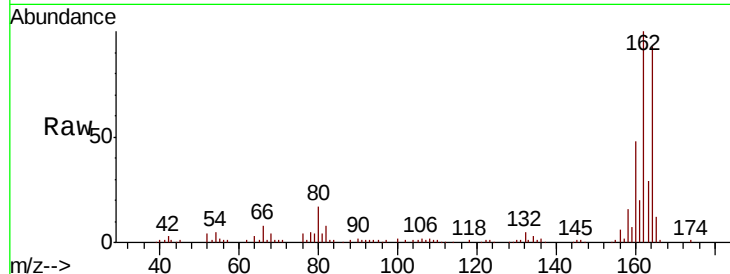




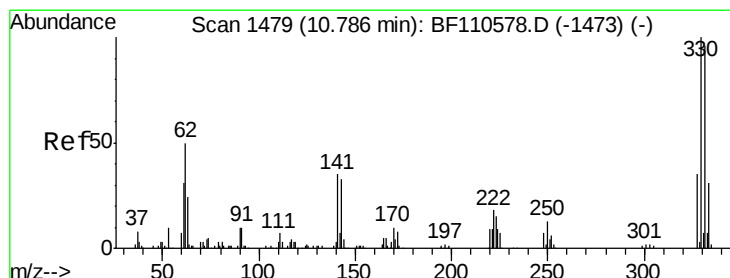
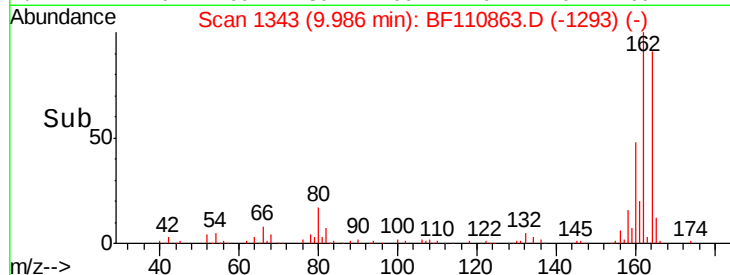
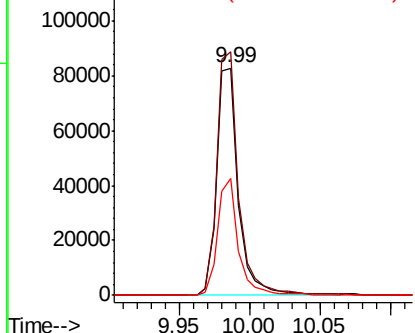
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: BF110863.D
 Acq: 19 Nov 2018 19:48

Instrument :
 BNA_F
 ClientSampleId :
 20180928-AMENDED-WCC-1-COMP

Tgt Ion:164 Resp: 88863
 Ion Ratio Lower Upper
 164 100
 162 107.0 83.0 124.6
 160 51.3 37.0 55.6

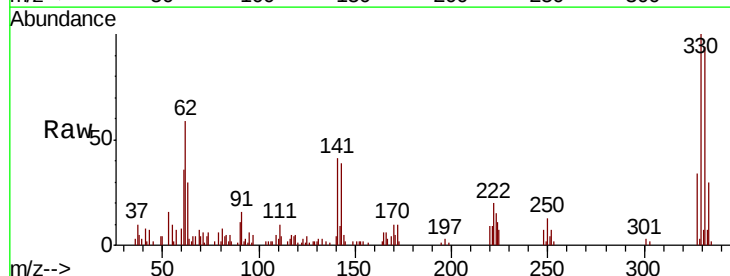


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

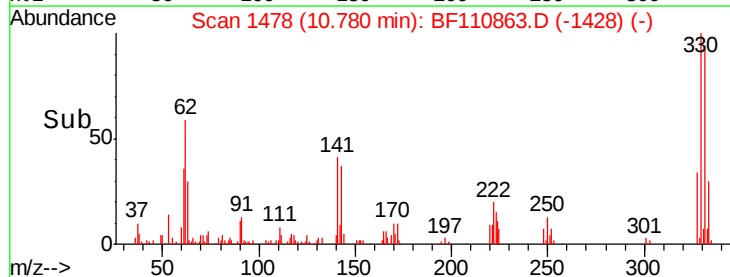
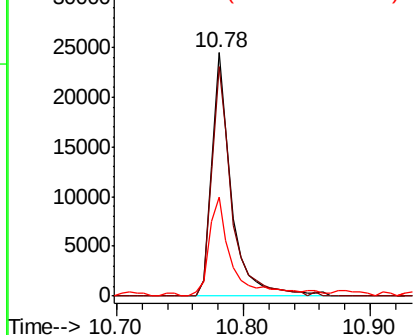


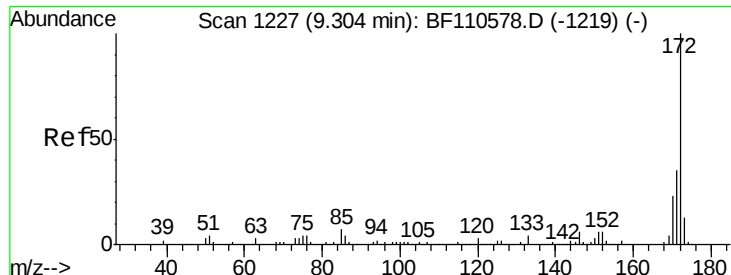
#42
 2,4,6-Tribromophenol
 Concen: 30.015 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110863.D
 Acq: 19 Nov 2018 19:48

Tgt Ion:330 Resp: 26876
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.1 115.7
 141 46.2 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

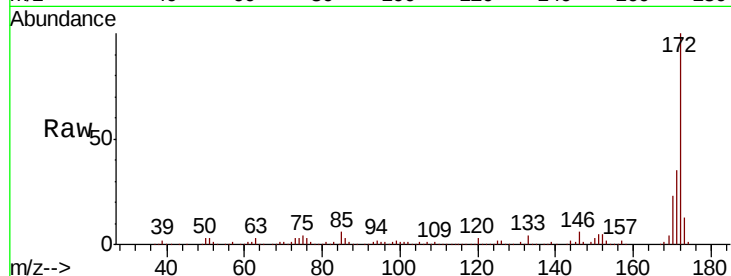




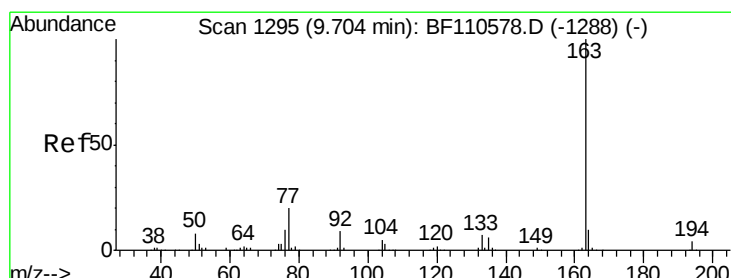
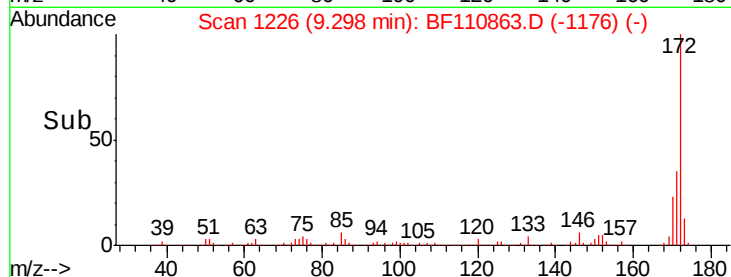
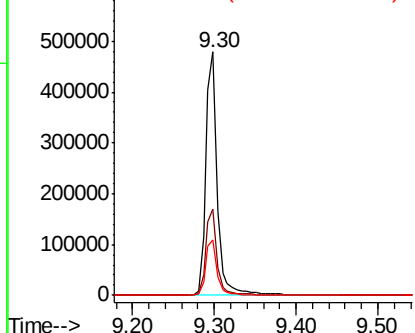
#45
2-Fluorobiphenyl
Concen: 75.265 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

Tgt Ion:172 Resp: 468306
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 22.9 19.7 29.5

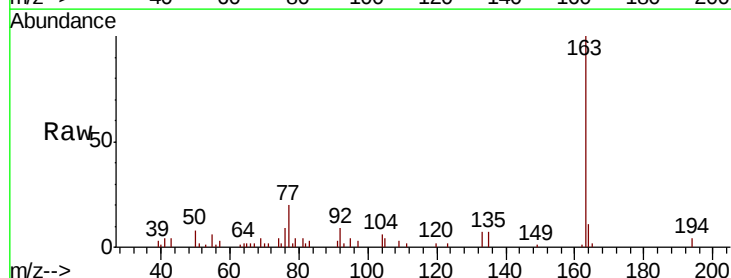


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

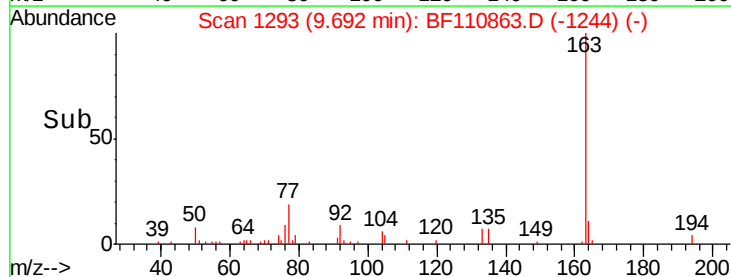
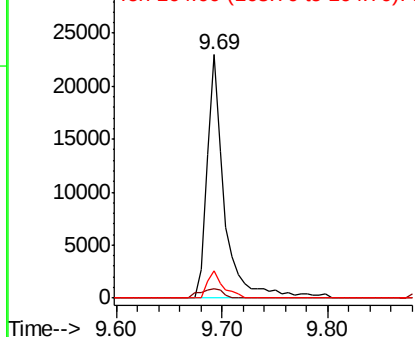


#50
Dimethylphthalate
Concen: 3.959 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion:163 Resp: 26250
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 11.0 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

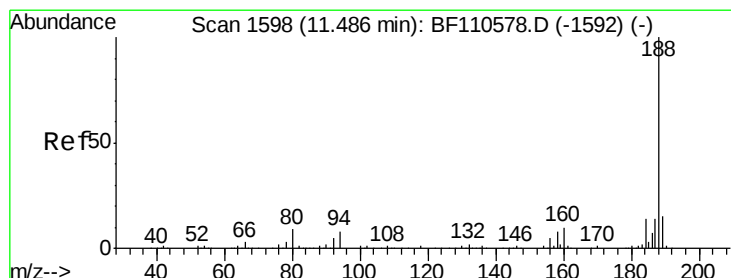
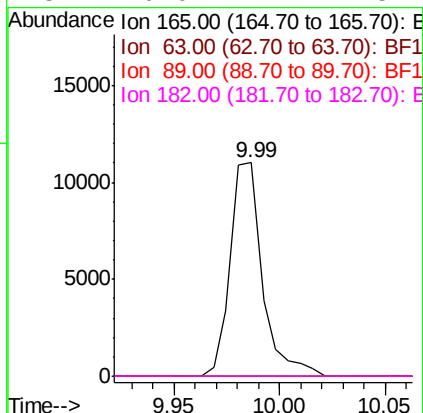
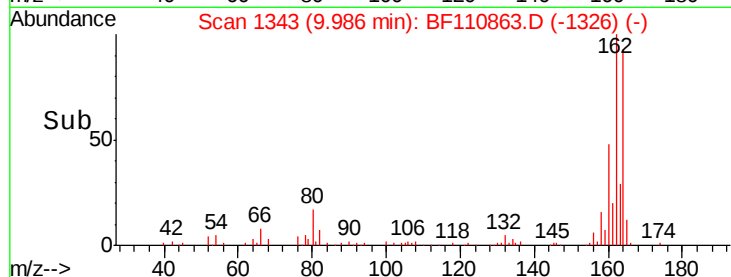
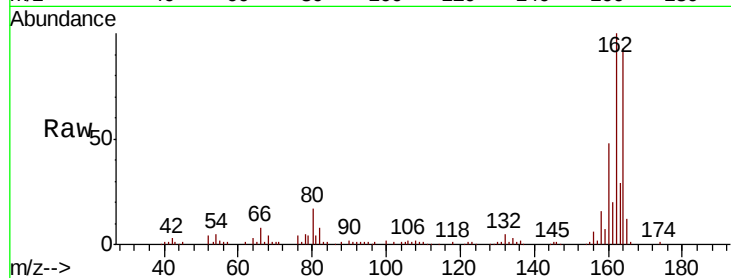




#57
2,4-Dinitrotoluene
Concen: 6.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

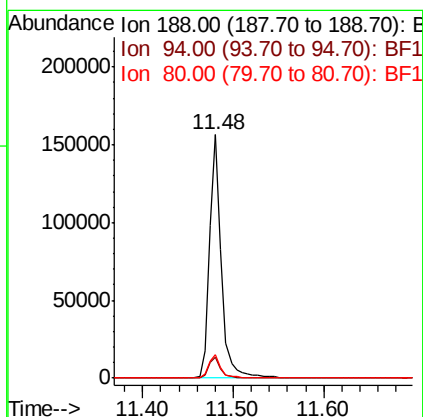
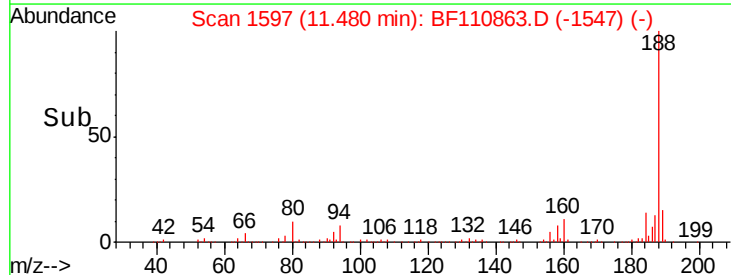
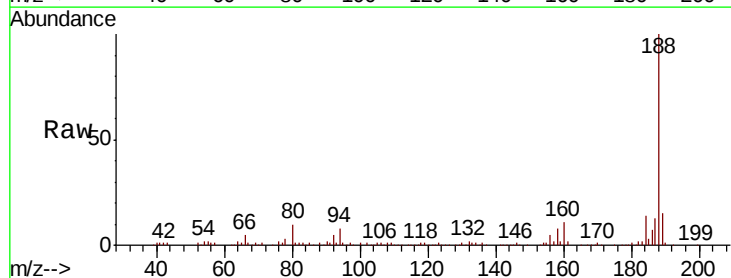
Instrument :
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20180928-AMENDED-WCC-1-COMP

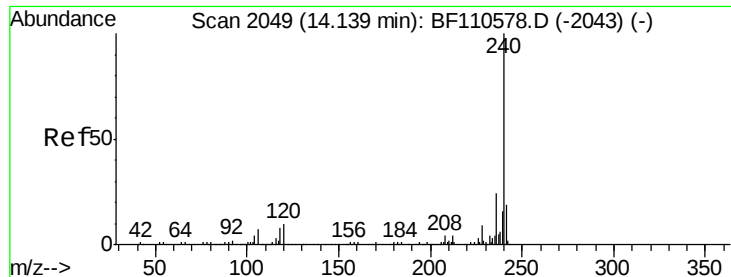
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.7	7.9	11.9

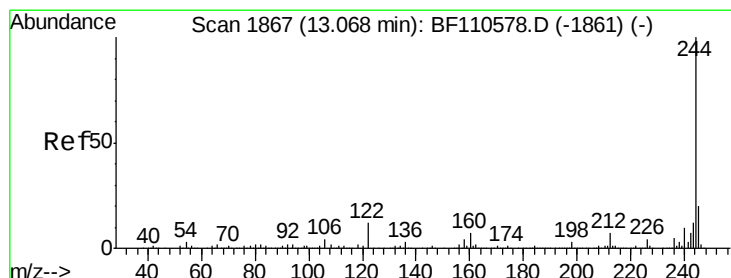
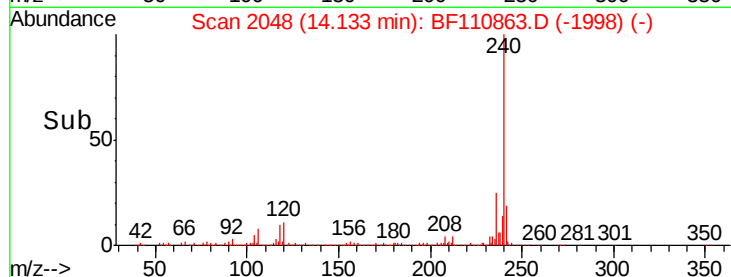
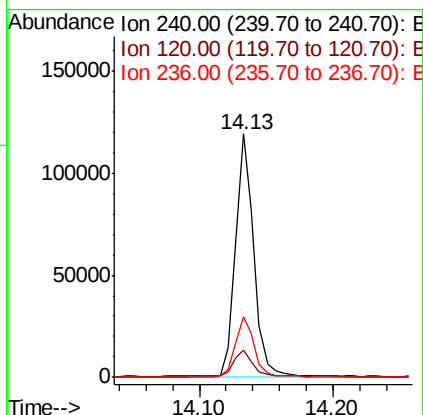
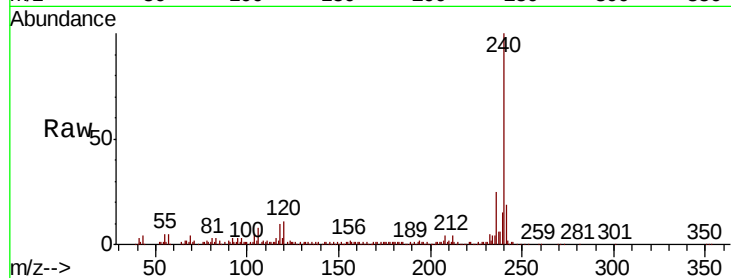




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

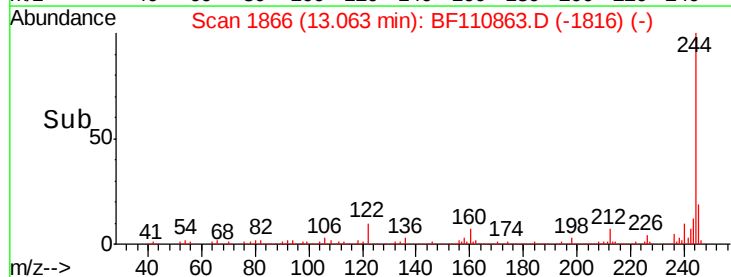
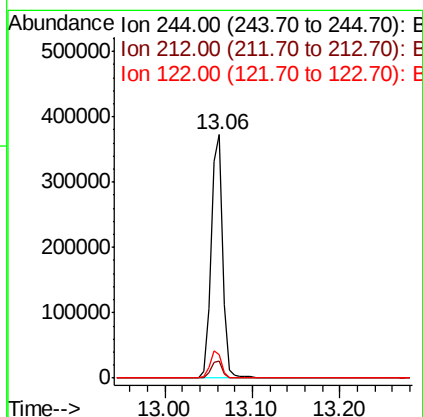
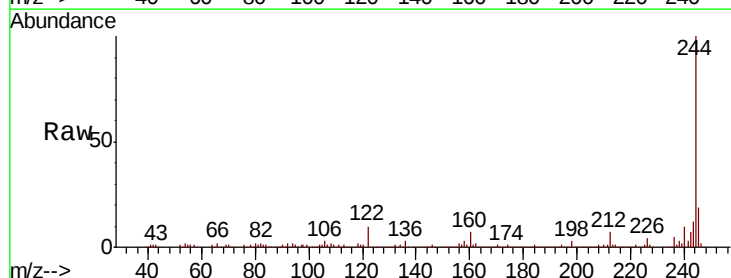
Instrument :
BNA_F
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

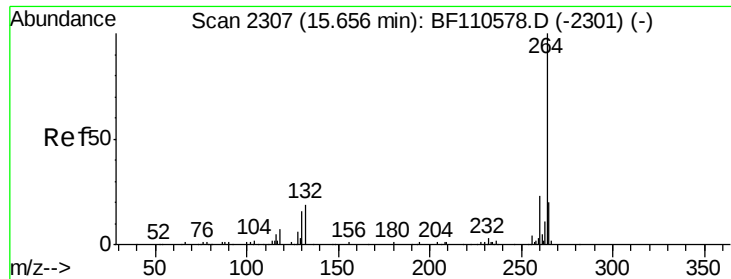
Tgt Ion:240 Resp: 115958
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.8 21.2 31.8



#79
Terphenyl-d14
Concen: 55.325 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Tgt Ion:244 Resp: 342559
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 9.5 8.7 13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110863.D
Acq: 19 Nov 2018 19:48

Instrument :
BNA_F
ClientSampleId :
20180928-AMENDED-WCC-1-COMP

Tgt Ion: 264 Resp: 76370
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 23.3 16.7 25.1

