

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110897.D
 Acq On : 20 Nov 2018 16:33
 Operator : JU/SJ
 Sample : J5993-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-WCC-

Quant Time: Nov 20 17:36:52 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

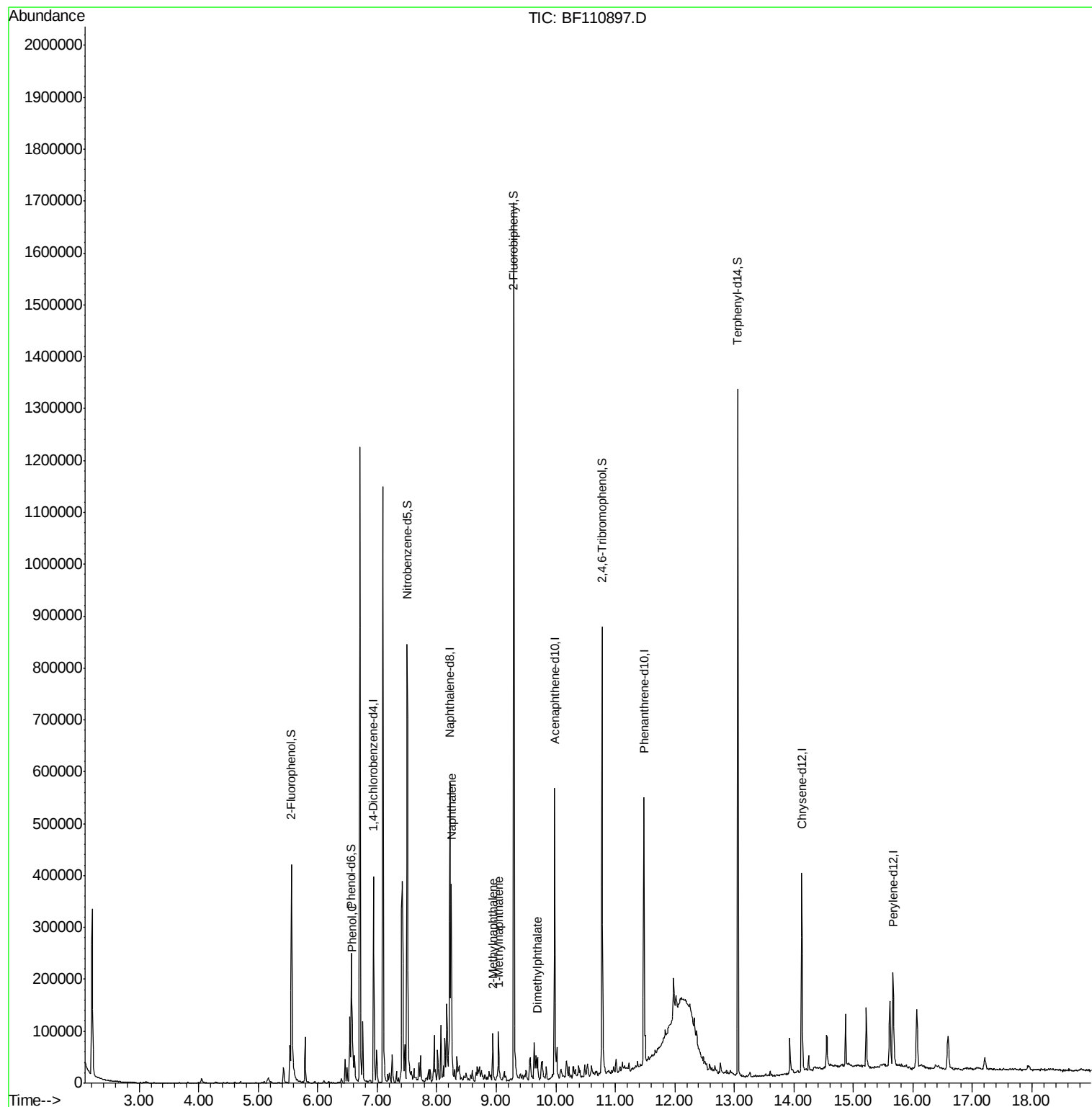
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57860	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	239079	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	113278	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	193638	20.00	ng	0.00
76) Chrysene-d12	14.13	240	134201	20.00	ng	0.00
87) Perylene-d12	15.67	264	116514	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	155899	43.77	ng	0.00
7) Phenol-d6	6.57	99	117341	25.76	ng	0.00
23) Nitrobenzene-d5	7.50	82	298359	71.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	107922	94.55	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	573787	72.34	ng	0.00
79) Terphenyl-d14	13.06	244	441979	61.68	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	10818	2.048	ng	Qvalue 88
31) Naphthalene	8.25	128	161523	14.392	ng	98
37) 2-Methylnaphthalene	8.94	142	27980	3.803	ng	99
38) 1-Methylnaphthalene	9.04	142	28382	4.011	ng	# 98
50) Dimethylphthalate	9.69	163	17267	2.043	ng	# 96

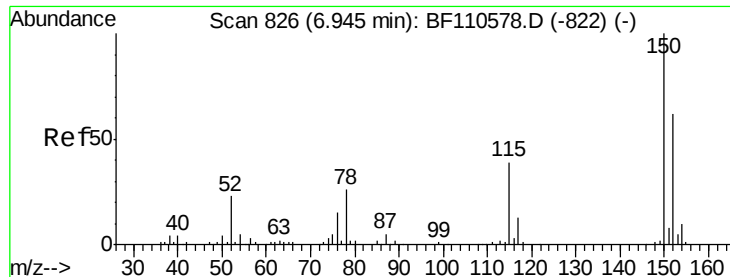
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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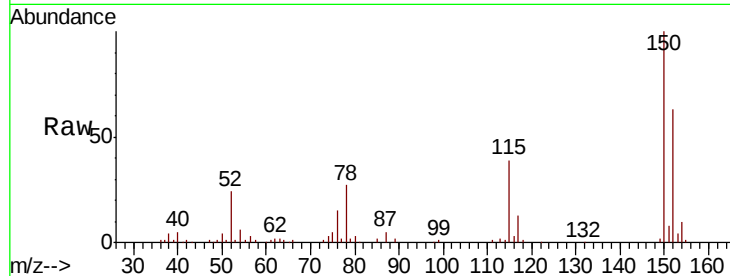


#1

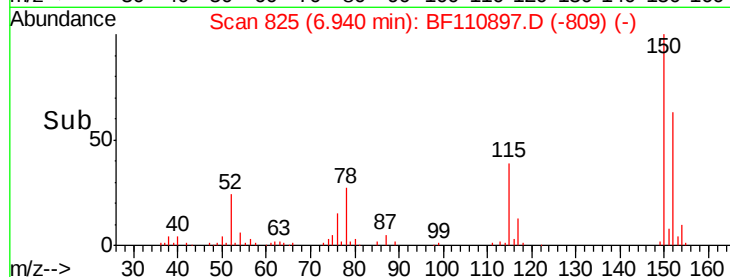
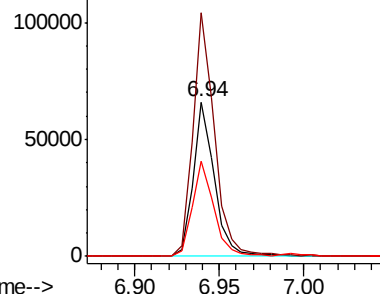
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-WCC-

Tot Ion:152 Resp: 57860
Ion Ratio Lower Upper
152 100
150 157.9 122.7 184.1
115 61.3 49.1 73.7



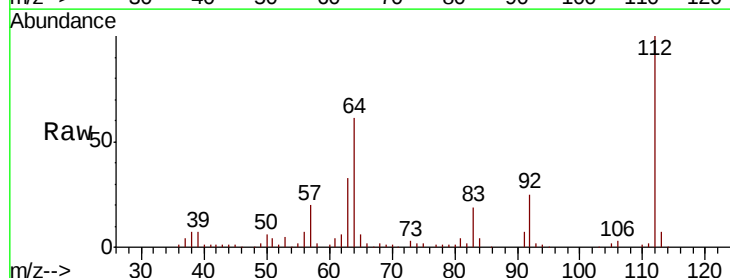
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



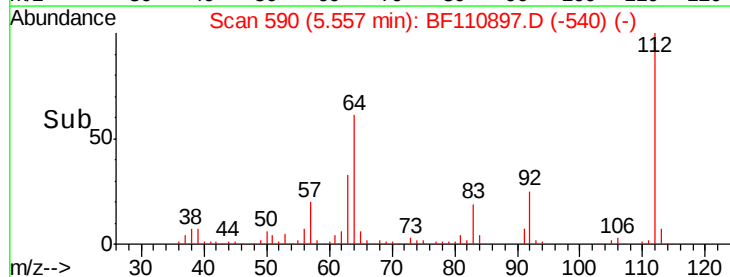
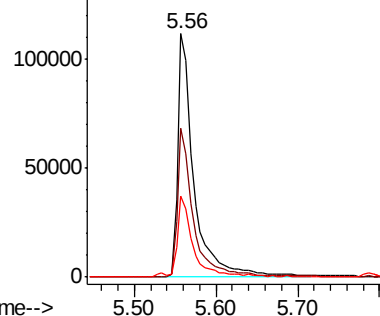
#5

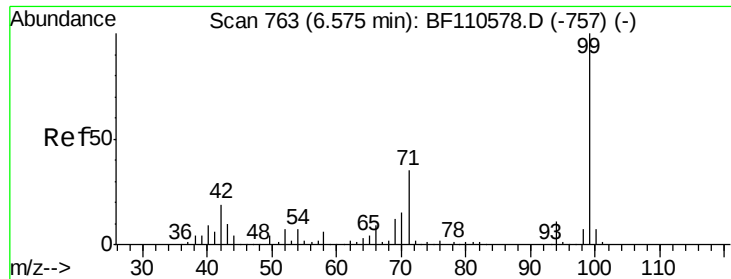
2-Fluorophenol
Concen: 43.766 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:112 Resp: 155899
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 33.5 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: 25.760 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

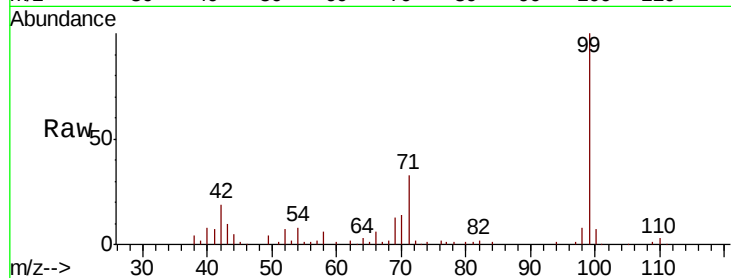
Tot Ion: 99 Resp: 117341

Ion Ratio Lower Upper

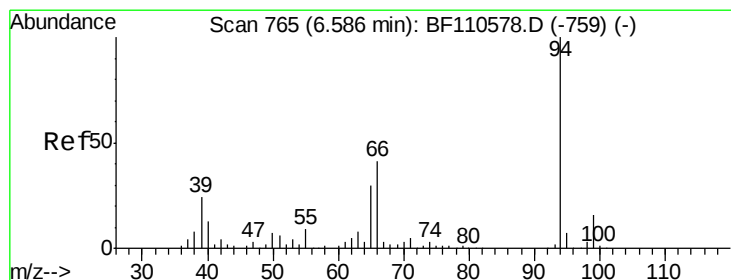
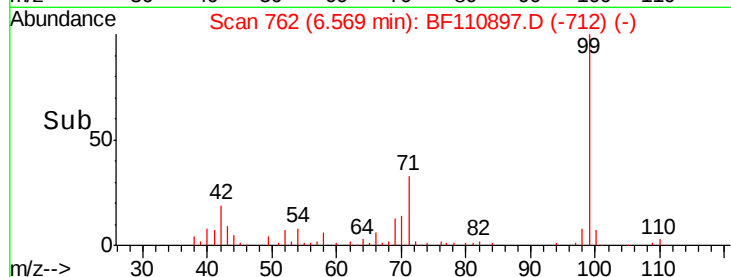
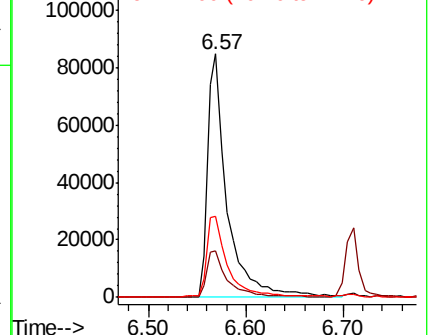
99 100

42 19.0 15.8 23.6

71 33.4 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: 2.048 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

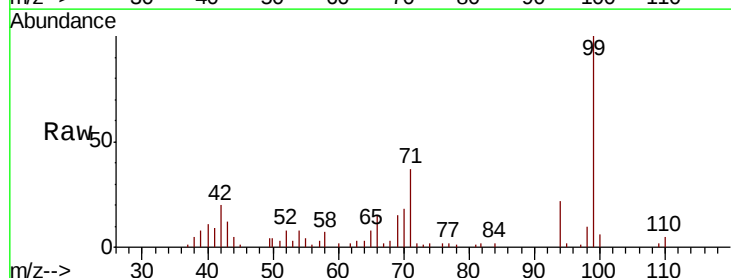
Tgt Ion: 94 Resp: 10818

Ion Ratio Lower Upper

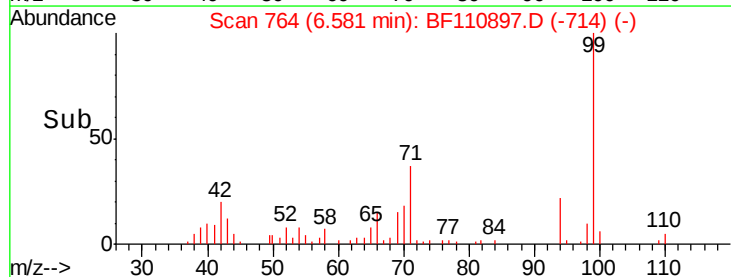
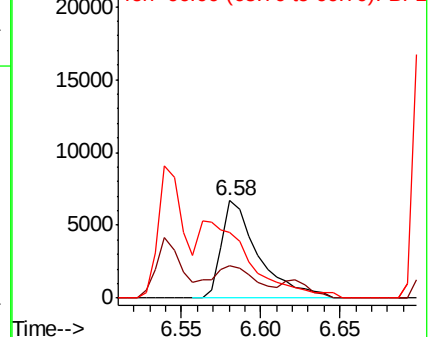
94 100

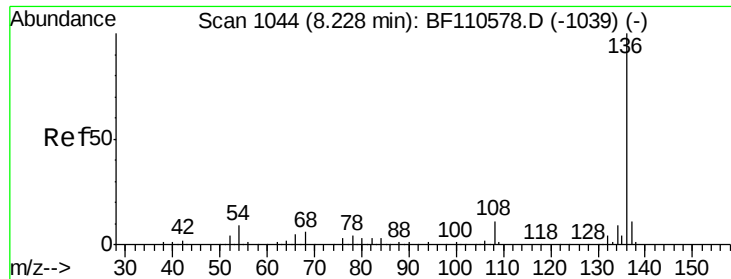
65 33.4 25.3 65.3

66 67.8 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

Tot Ion:136 Resp: 239079

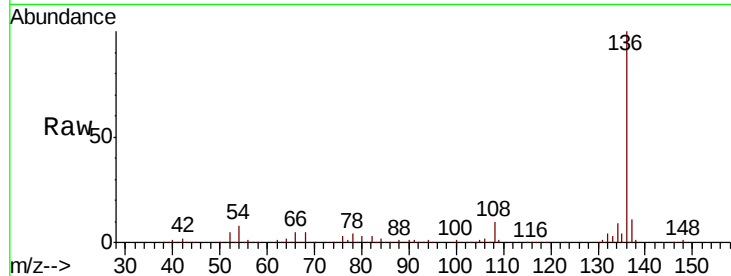
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.9 5.4 8.2

68 5.2 4.2 6.2

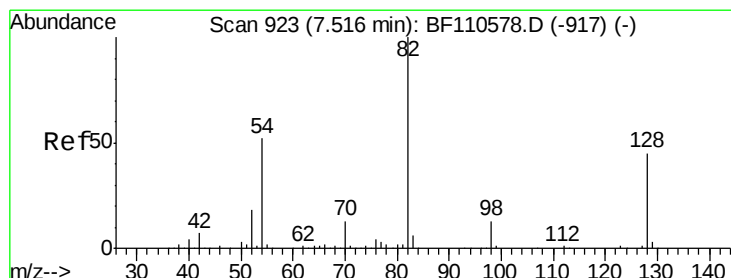
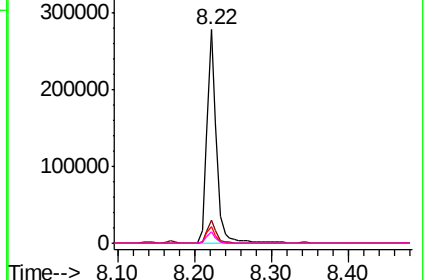
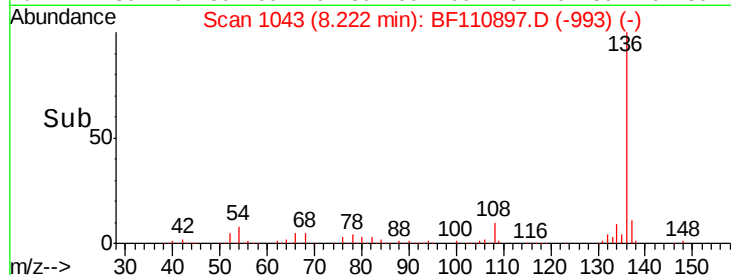


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.869 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

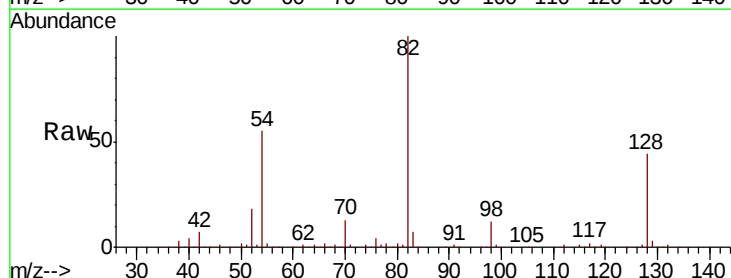
Tgt Ion: 82 Resp: 298359

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

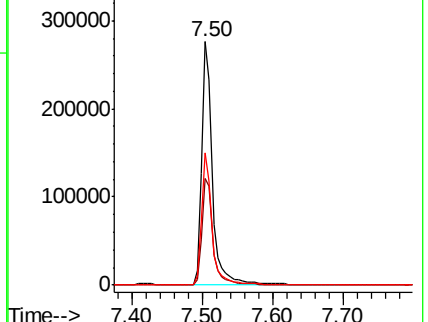
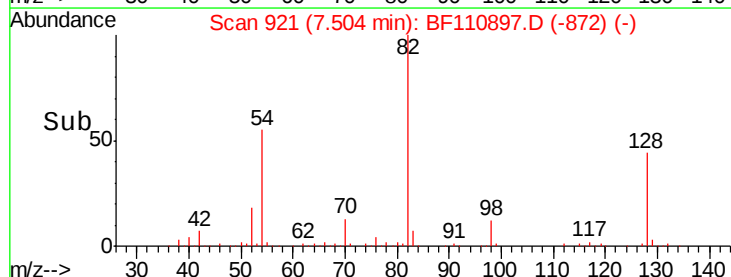
54 54.5 38.6 58.0

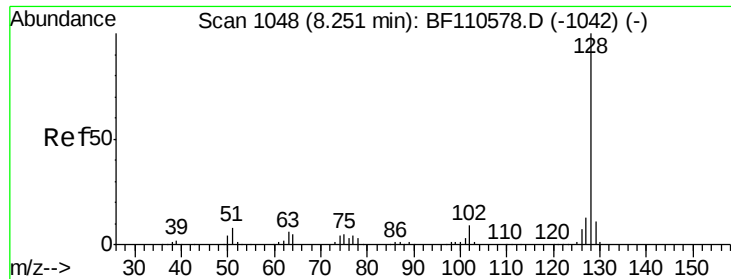


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

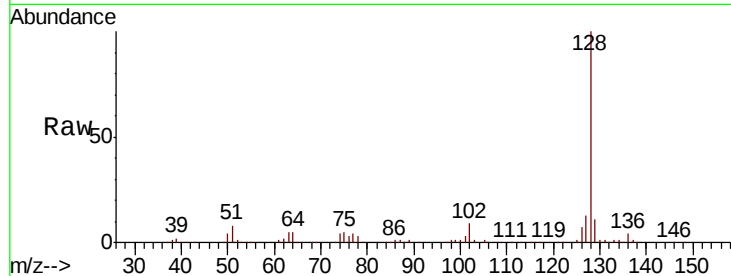




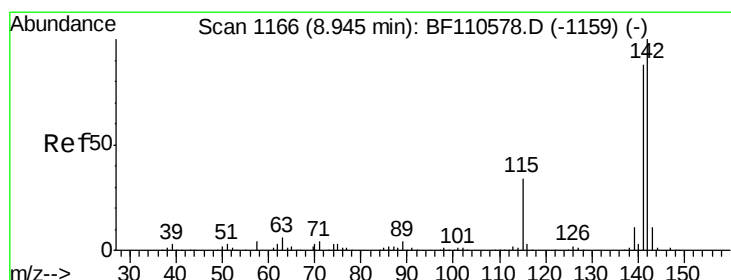
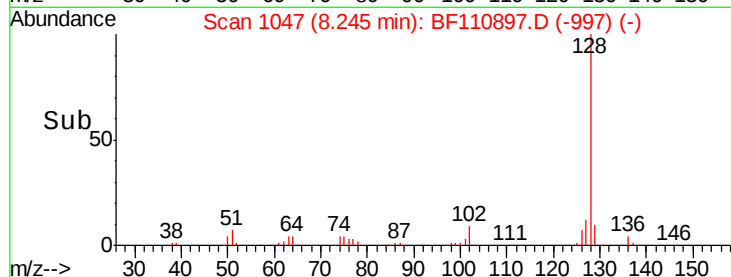
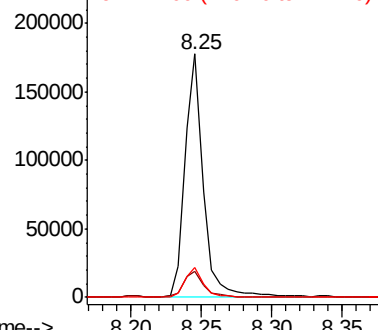
#31
Naphthalene
Concen: 14.392 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
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Tot Ion:128 Resp: 161523
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.5 10.8 16.2

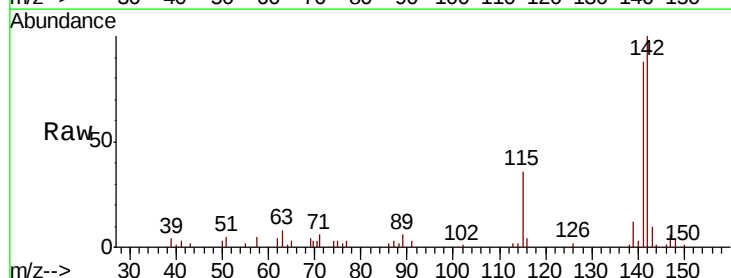


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

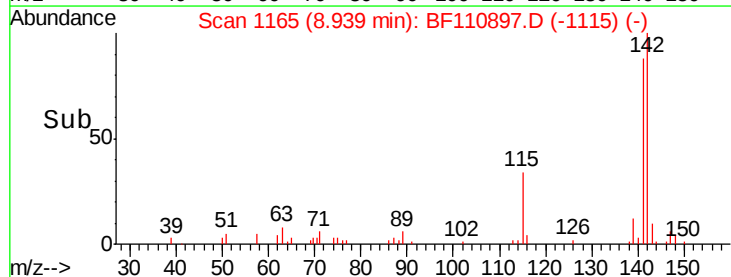
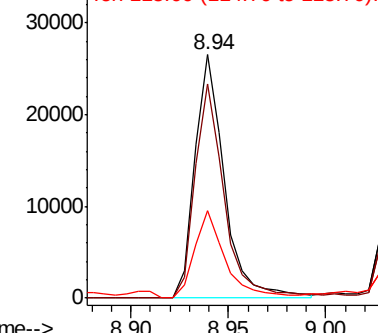


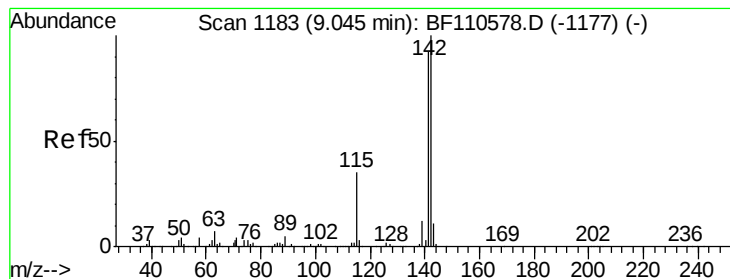
#37
2-Methylnaphthalene
Concen: 3.803 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:142 Resp: 27980
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2
115 35.9 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 4.011 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

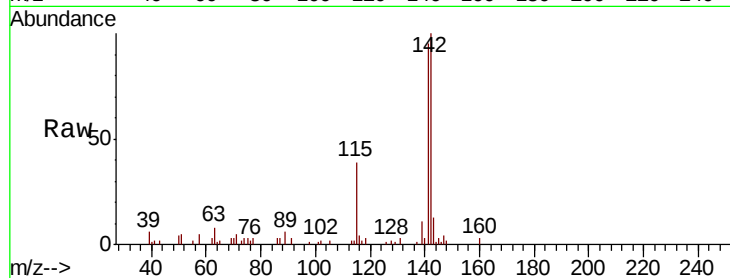
Tot Ion:142 Resp: 28382

Ion Ratio Lower Upper

142 100

141 94.6 74.2 111.4

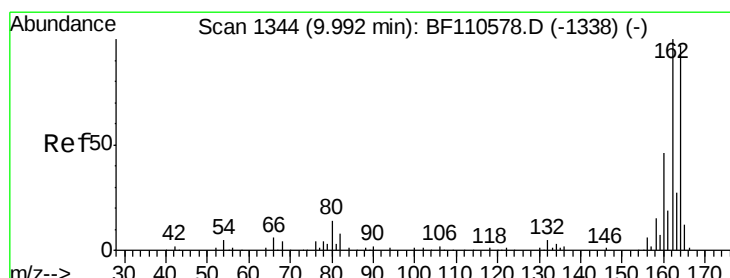
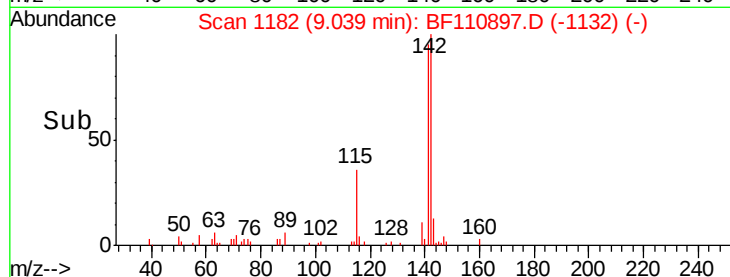
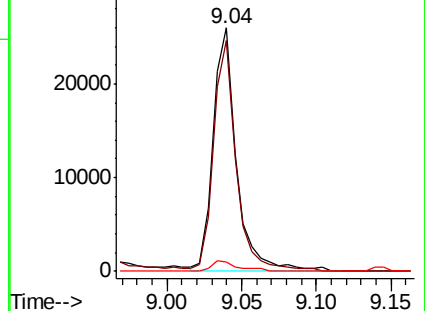
116 4.0 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

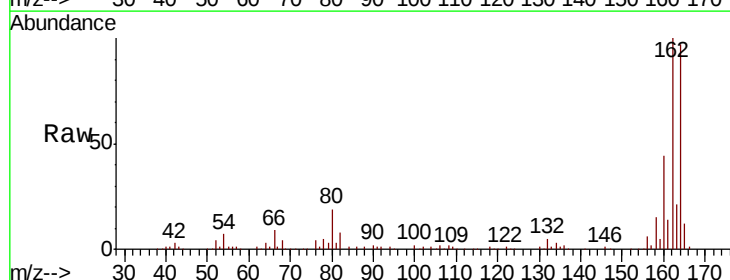
Tgt Ion:164 Resp: 113278

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

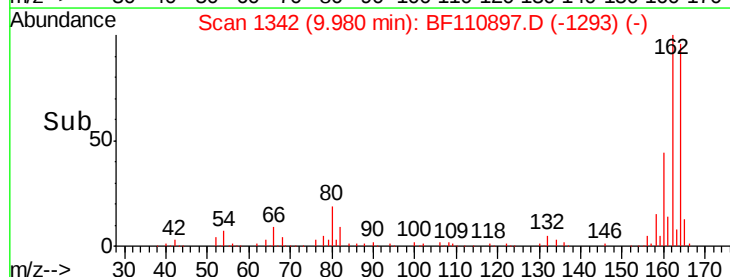
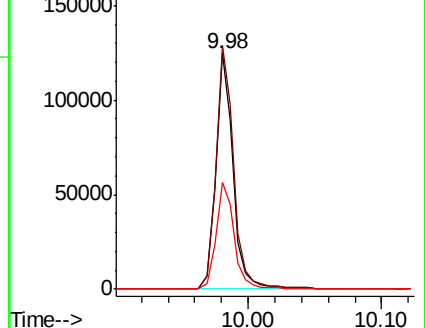
160 45.1 37.0 55.6

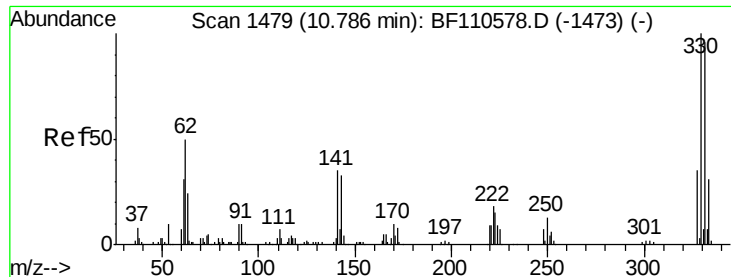


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 94.551 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110897.D

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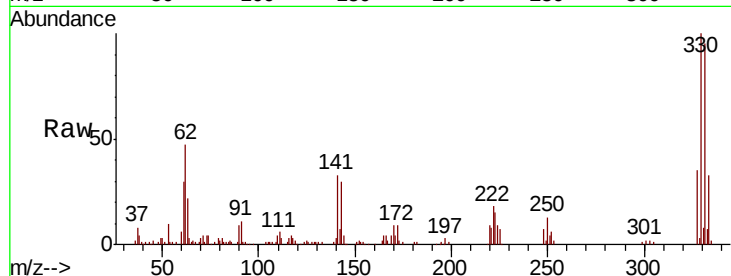
Tot Ion:330 Resp: 107922

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

141 39.5 27.0 40.4

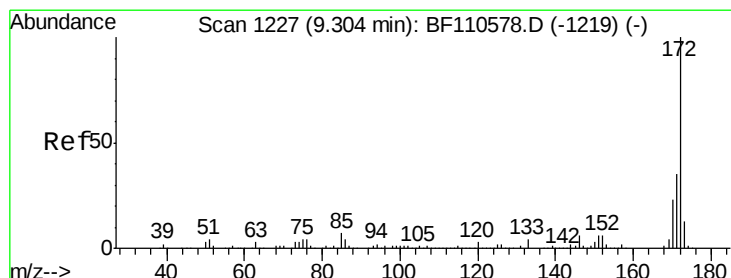
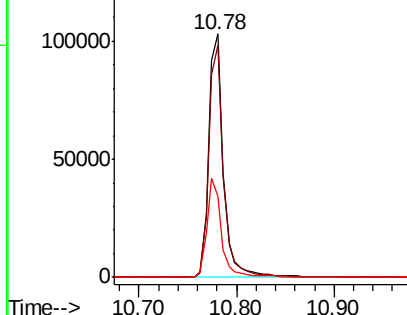
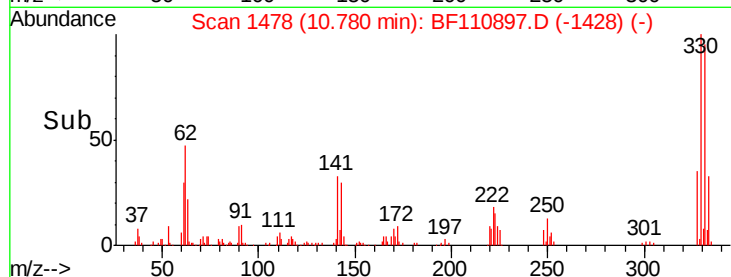


Abundance

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



#45

2-Fluorobiphenyl

Concen: 72.342 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

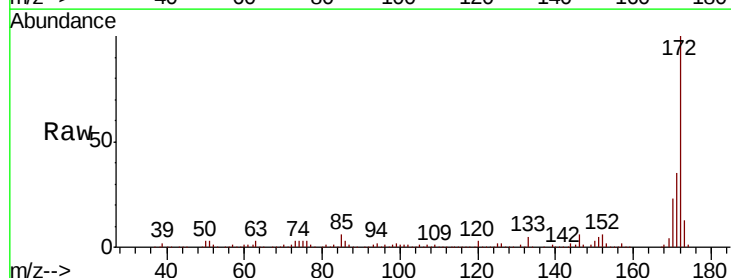
Tgt Ion:172 Resp: 573787

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 23.0 19.7 29.5

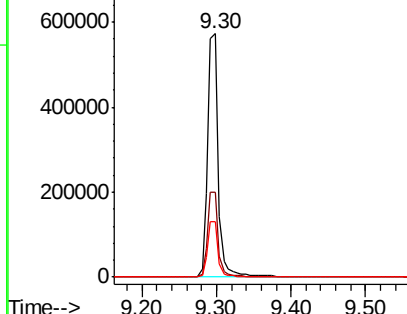
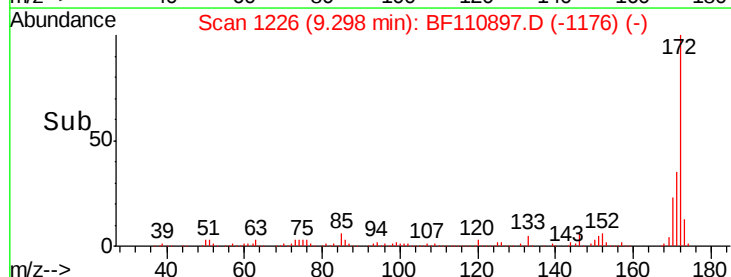


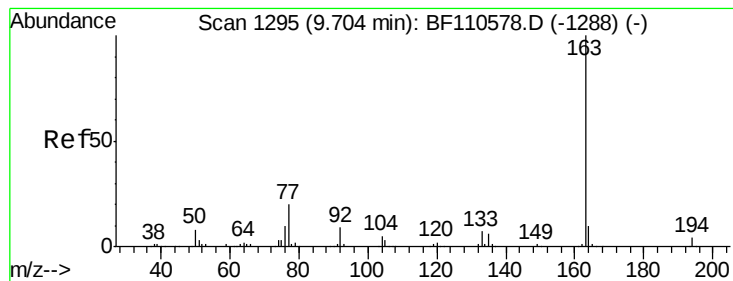
Abundance

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: 2.043 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

Instrument :

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ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

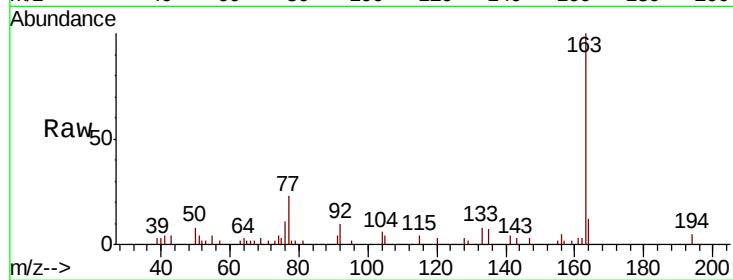
Tot Ion:163 Resp: 17267

Ion Ratio Lower Upper

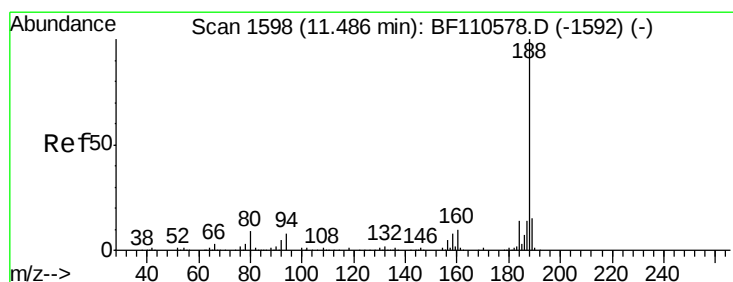
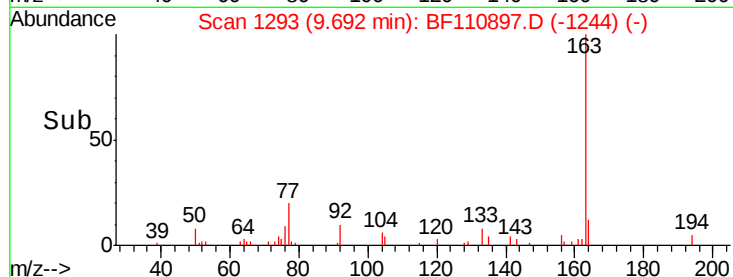
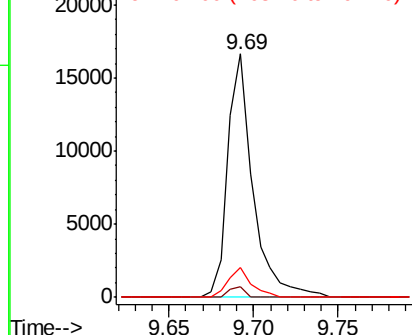
163 100

194 4.6 3.2 4.8

164 12.1 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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110897.D

Acq: 20 Nov 2018 16:33

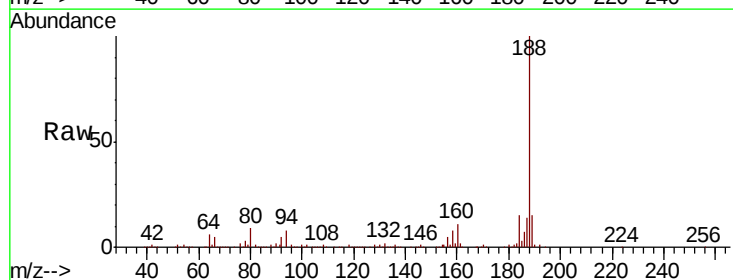
Tgt Ion:188 Resp: 193638

Ion Ratio Lower Upper

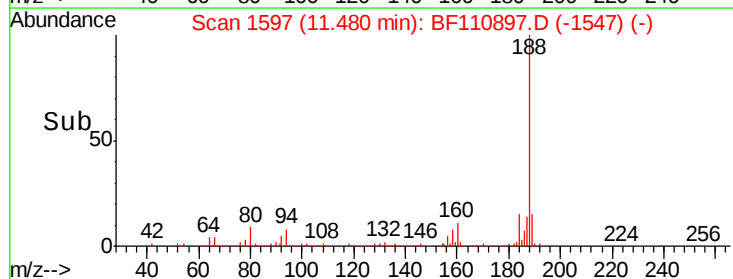
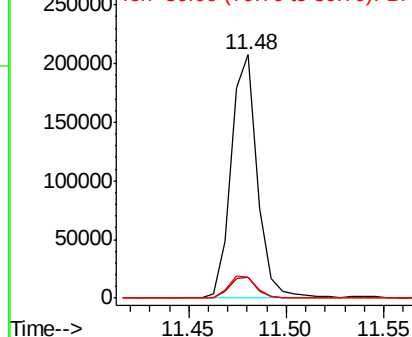
188 100

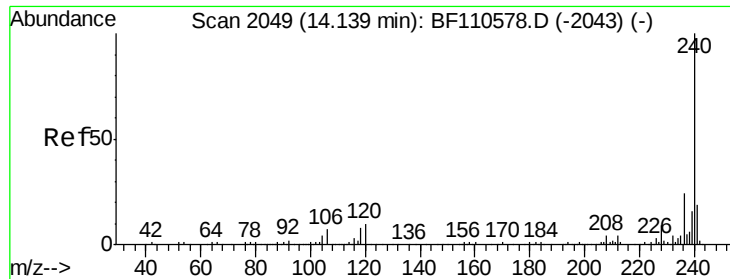
94 8.3 7.2 10.8

80 8.6 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

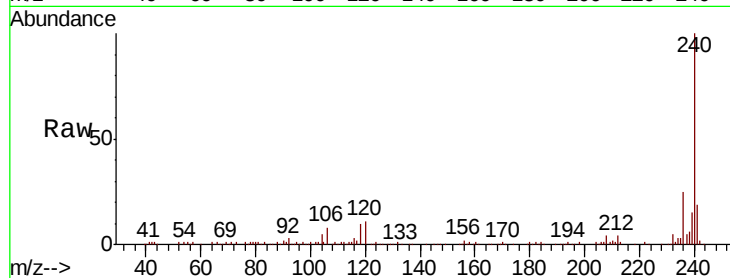




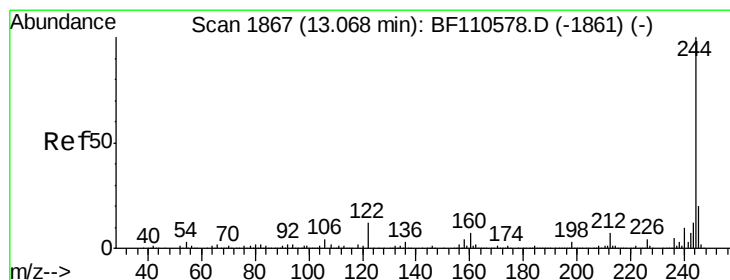
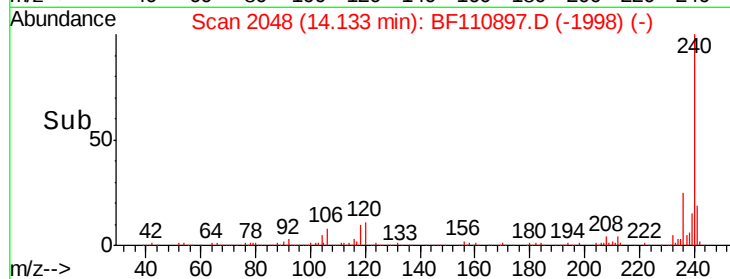
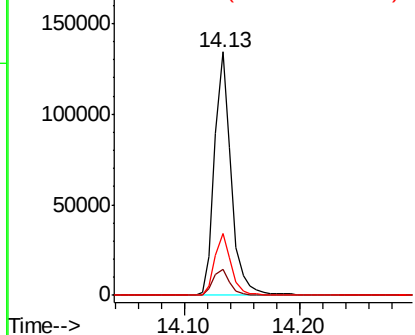
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE-AMENDED-WCC-

Tot Ion:240 Resp: 134201
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 25.2 21.2 31.8

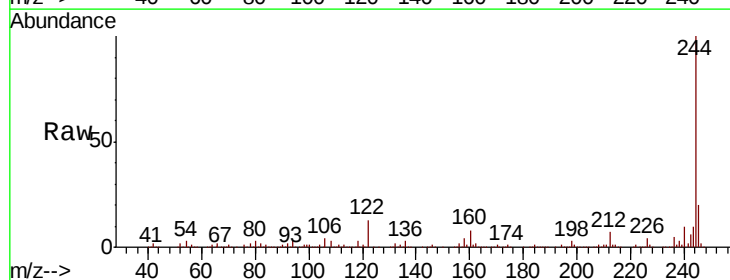


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

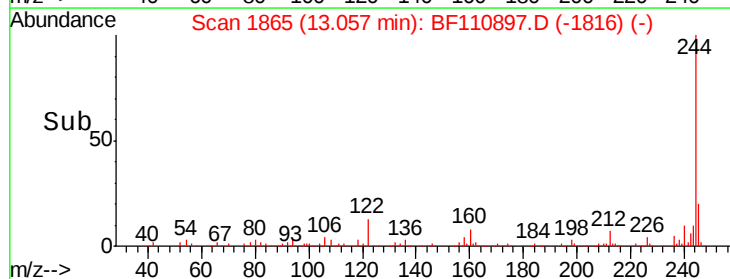
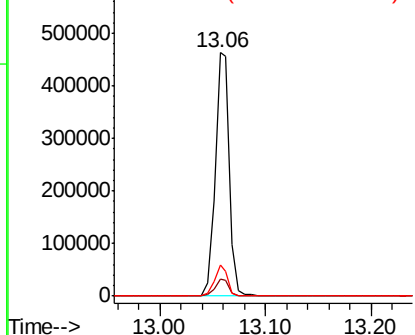


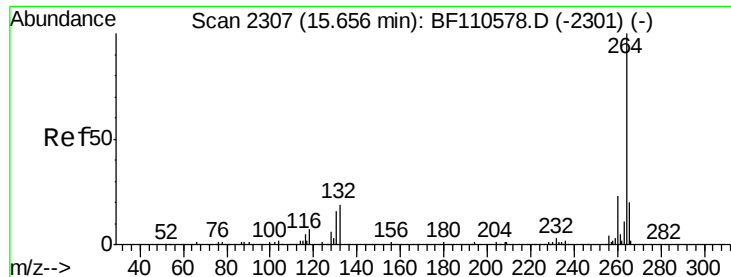
#79
Terphenyl-d14
Concen: 61.678 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110897.D
Acq: 20 Nov 2018 16:33

Tgt Ion:244 Resp: 441979
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.8 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110897.D
 Acq: 20 Nov 2018 16:33

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-WCC-

Tot Ion: 264 Resp: 116514
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 20.4 16.7 25.1

