

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110898.D
 Acq On : 20 Nov 2018 17:01
 Operator : JU/SJ
 Sample : J5993-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 21 04:28:07 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

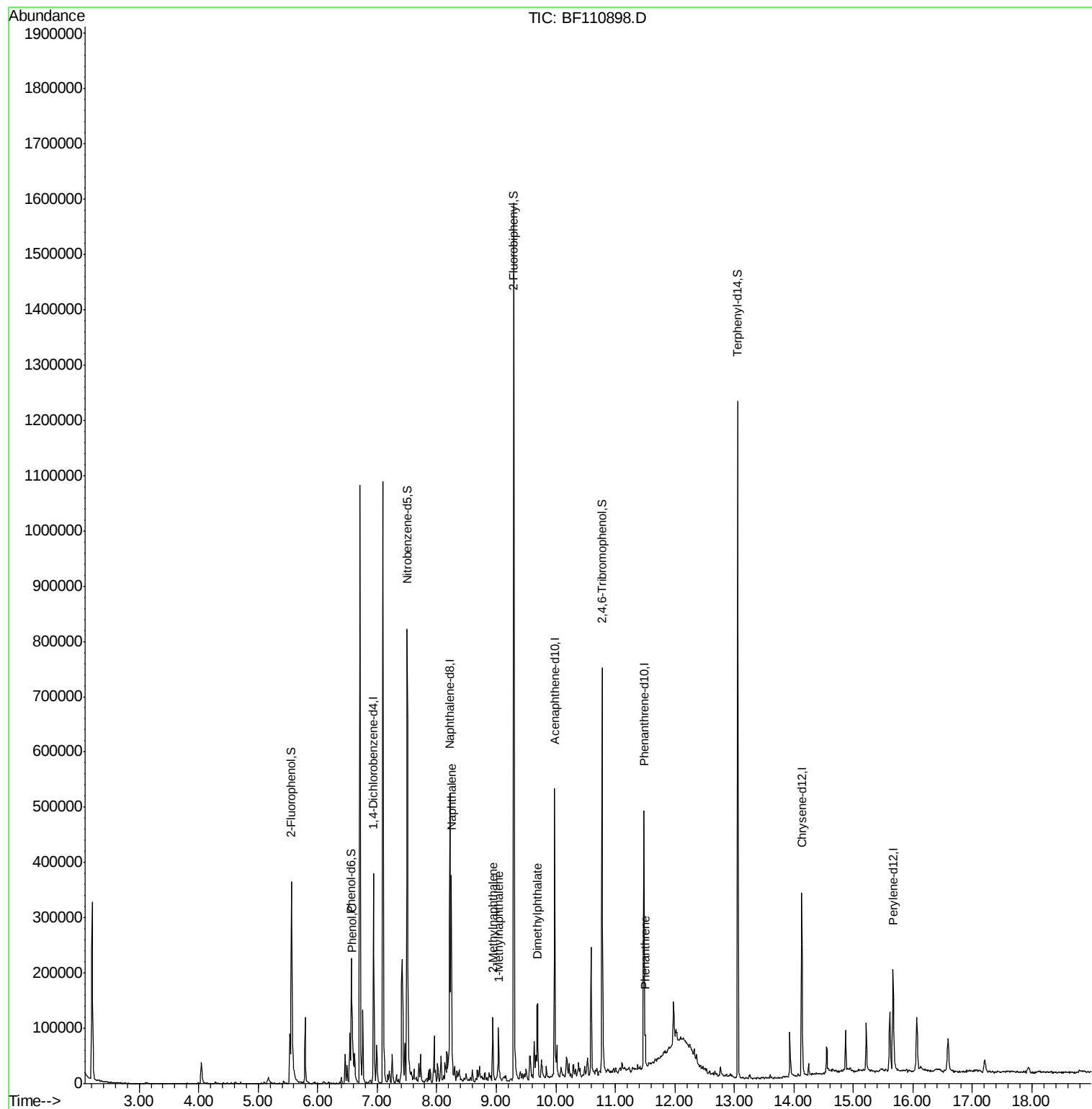
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	54400	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	223882	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	103791	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	177611	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125651	20.00	ng	0.00
87) Perylene-d12	15.67	264	109583	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	134942	40.29	ng	0.00
7) Phenol-d6	6.57	99	103431	24.15	ng	0.00
23) Nitrobenzene-d5	7.50	82	284601	73.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	93583	89.48	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	538106	74.04	ng	0.00
79) Terphenyl-d14	13.06	244	389893	58.11	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	18174	3.660	ng	Qvalue # 77
31) Naphthalene	8.25	128	166134	15.807	ng	99
37) 2-Methylnaphthalene	8.94	142	35875	5.207	ng	100
38) 1-Methylnaphthalene	9.04	142	29463	4.447	ng	# 95
50) Dimethylphthalate	9.69	163	63762	8.233	ng	98
71) Phenanthrene	11.50	178	19577	2.057	ng	97

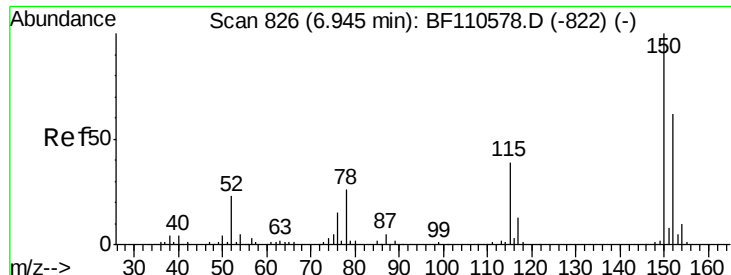
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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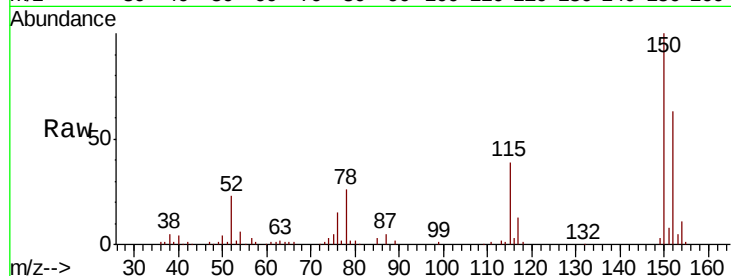


#1

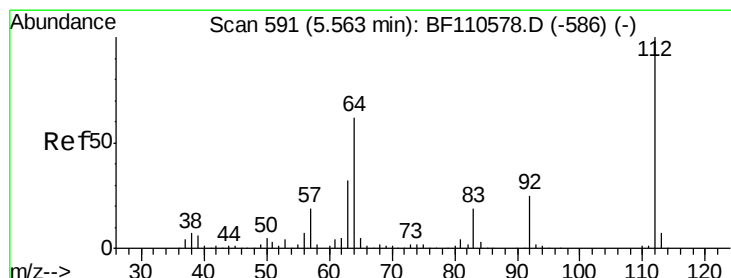
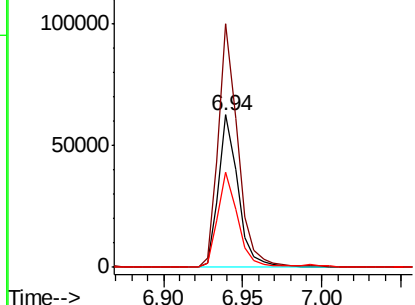
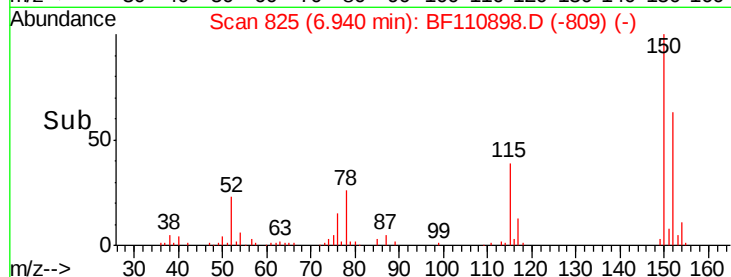
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tot Ion:152 Resp: 54400
Ion Ratio Lower Upper
152 100
150 159.8 122.7 184.1
115 62.7 49.1 73.7



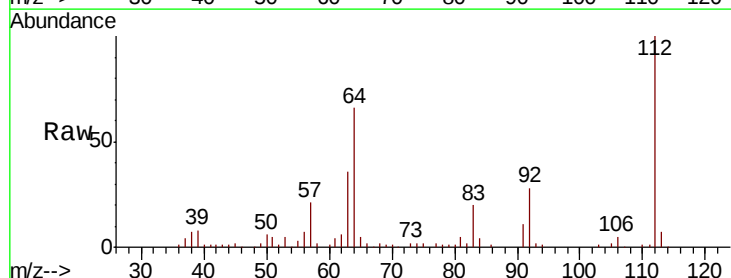
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



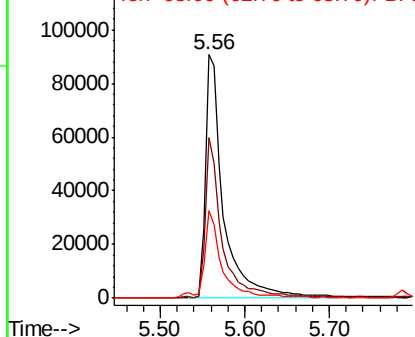
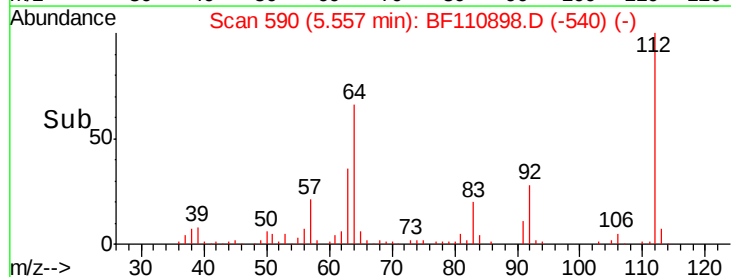
#5

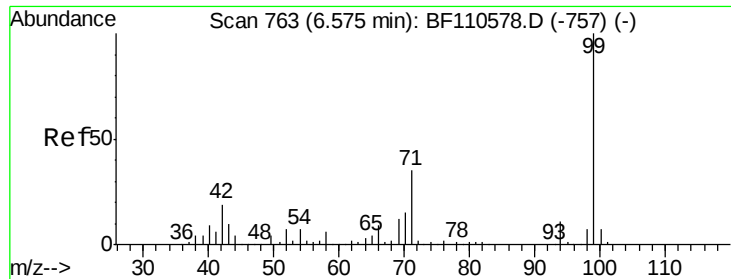
2-Fluorophenol
Concen: 40.292 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:112 Resp: 134942
Ion Ratio Lower Upper
112 100
64 65.7 44.1 66.1
63 35.8 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: 24.151 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

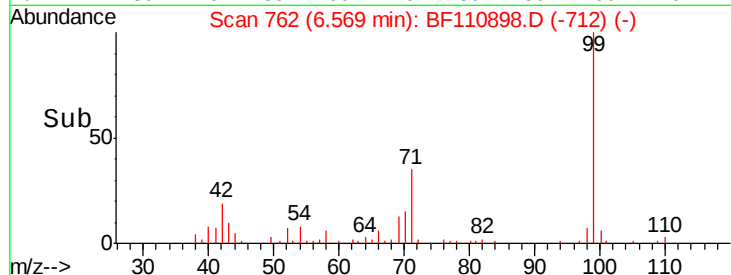
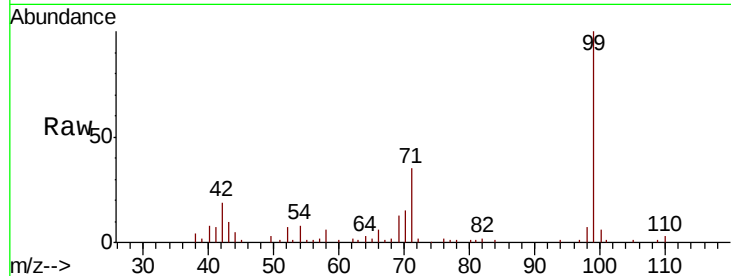
Tot Ion: 99 Resp: 103431

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

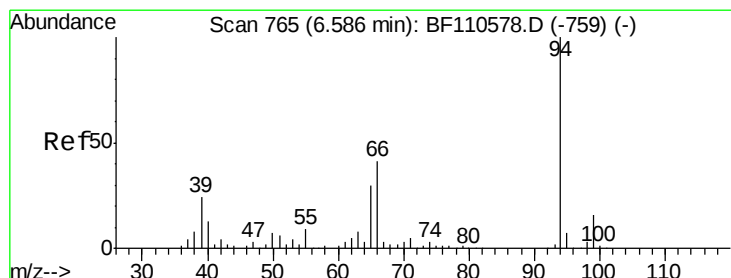
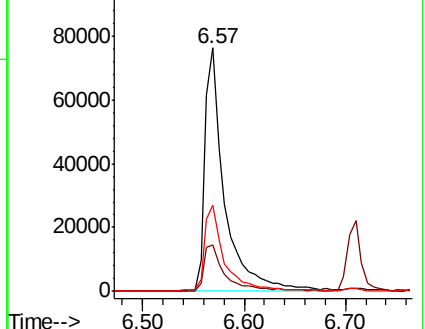
71 35.4 28.0 42.0



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: 3.660 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

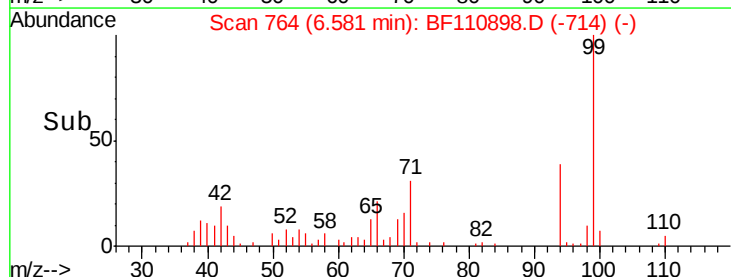
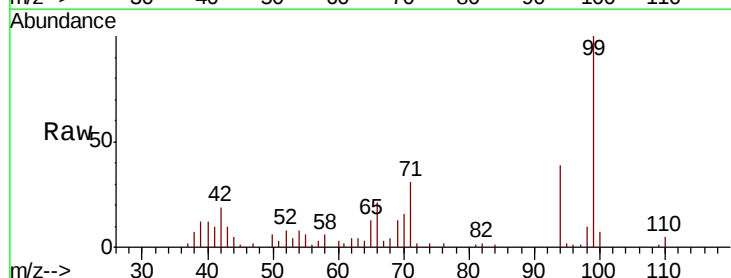
Tgt Ion: 94 Resp: 18174

Ion Ratio Lower Upper

94 100

65 33.0 25.3 65.3

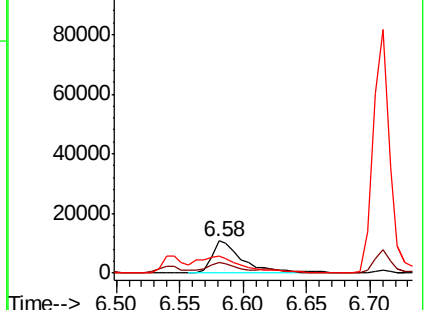
66 53.3 54.5 94.5#

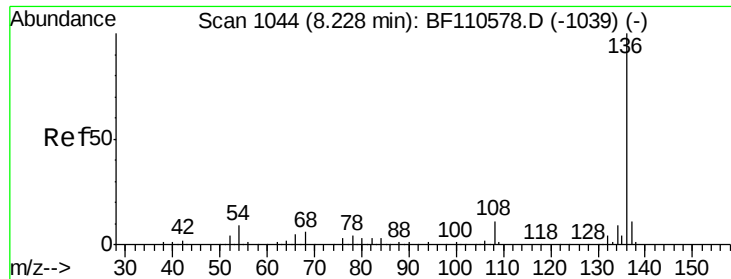


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

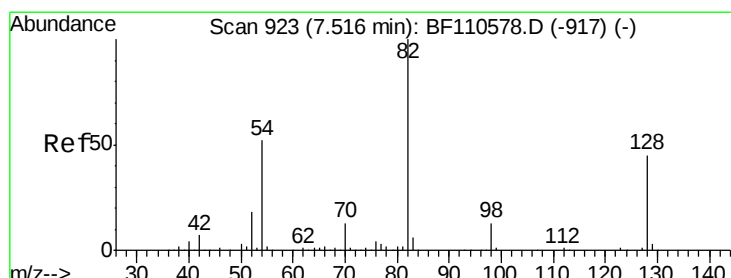
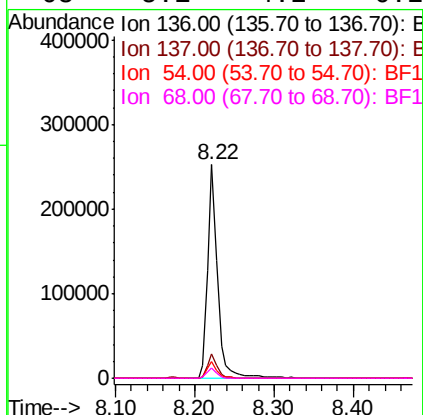
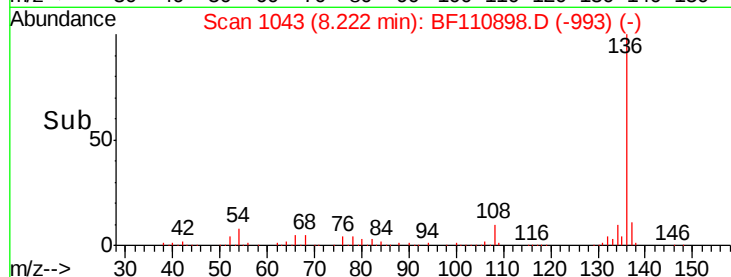
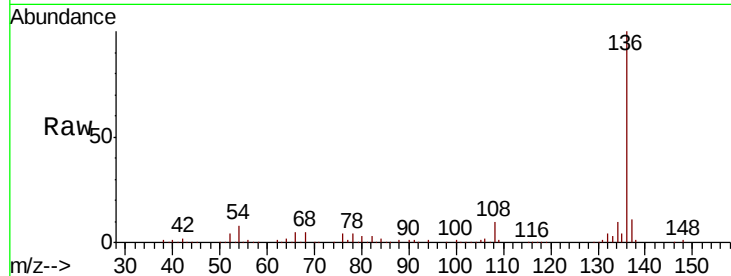




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

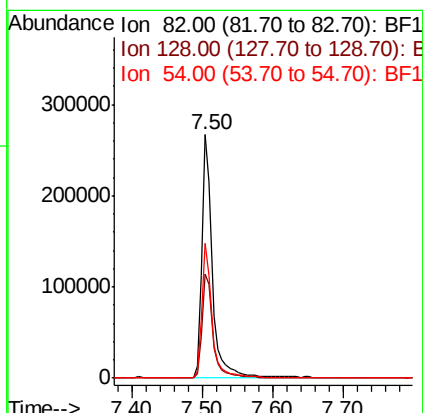
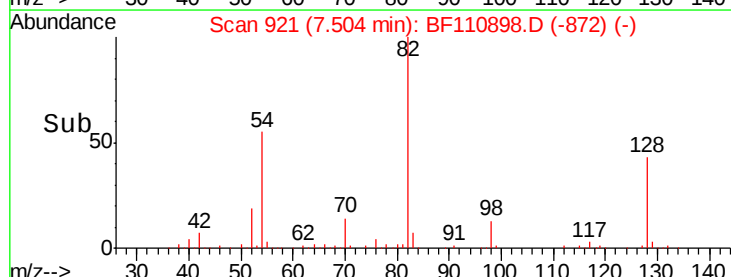
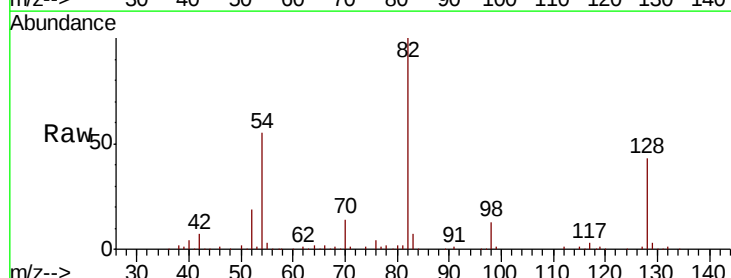
Instrument :
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SPLP-LEACHATE-AMENDED-WCC-

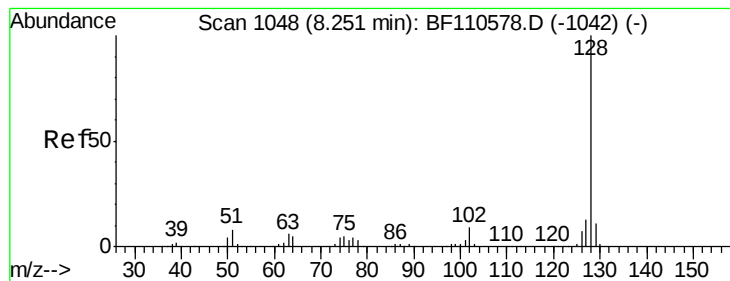
Tot Ion:136	Resp:	223882
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	7.8	5.4 8.2
68	5.1	4.2 6.2



#23
Nitrobenzene-d5
Concen: 73.208 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion: 82	Resp:	284601
Ion Ratio	Lower	Upper
82	100	
128	42.6	34.2 51.2
54	55.4	38.6 58.0





#31

Naphthalene

Concen: 15.807 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

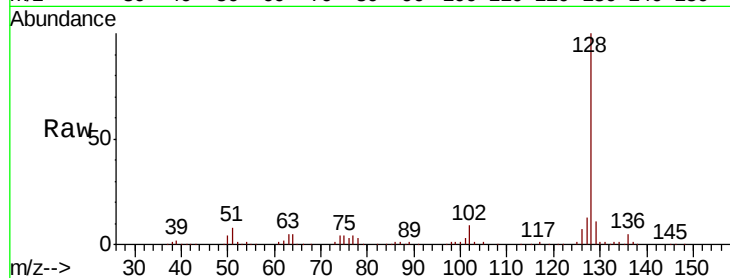
Tot Ion:128 Resp: 166134

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

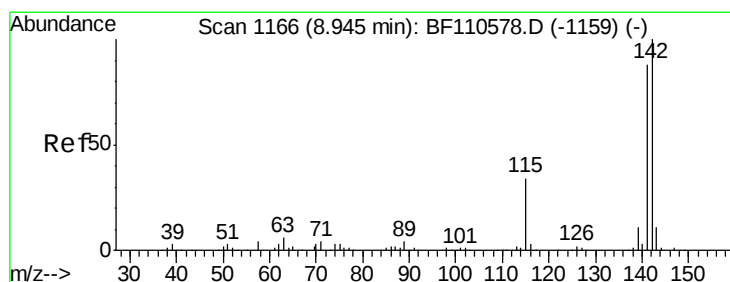
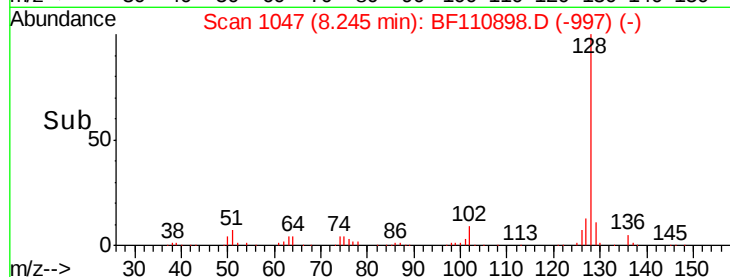
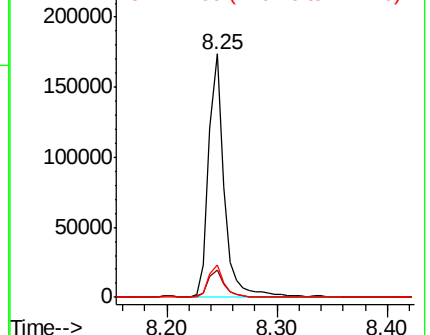
127 13.1 10.8 16.2



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: 5.207 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

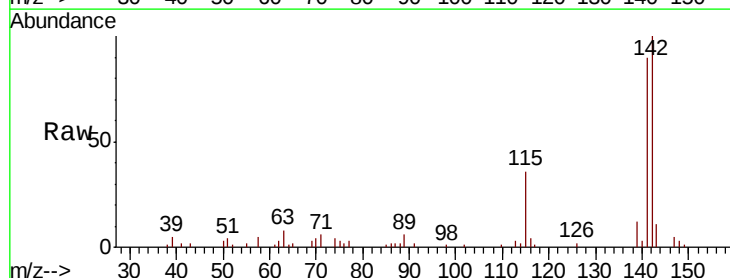
Tgt Ion:142 Resp: 35875

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

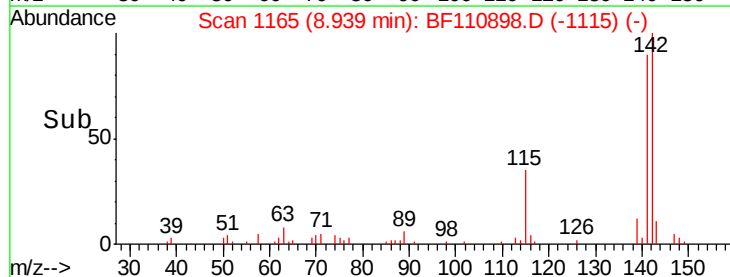
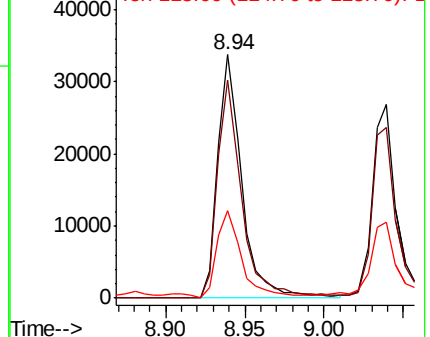
115 36.1 28.7 43.1

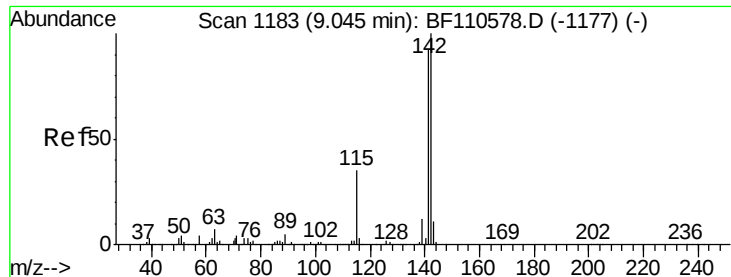


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

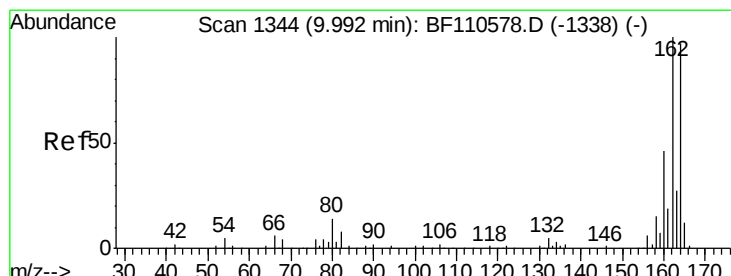
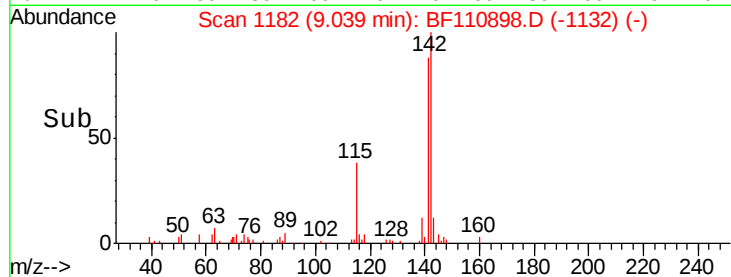
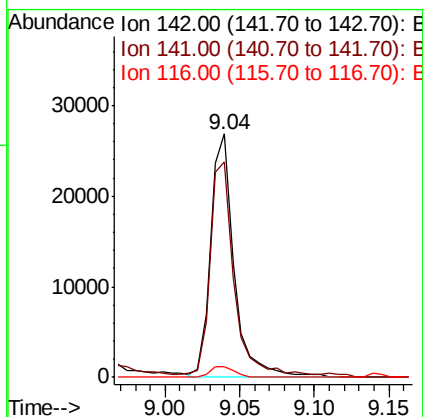
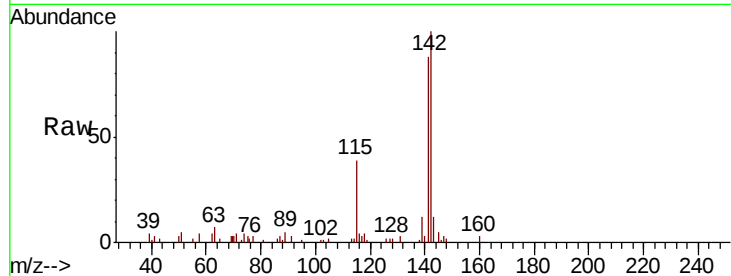




#38
1-Methylnaphthalene
Concen: 4.447 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

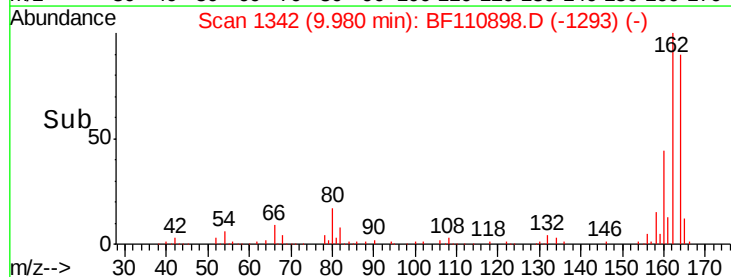
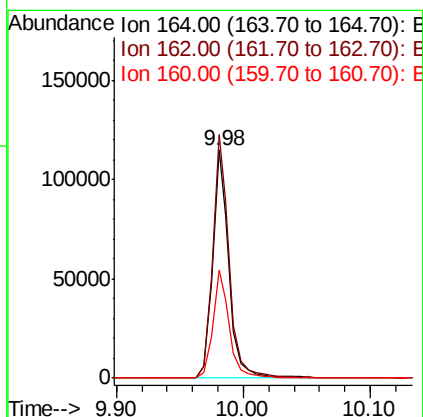
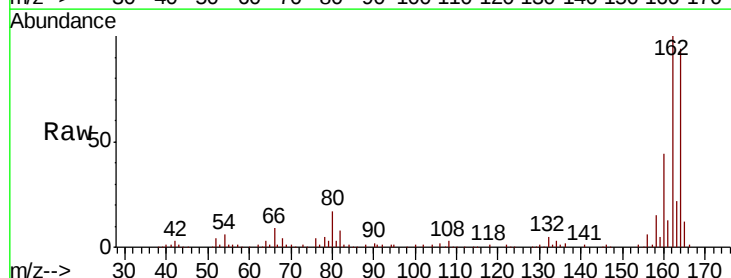
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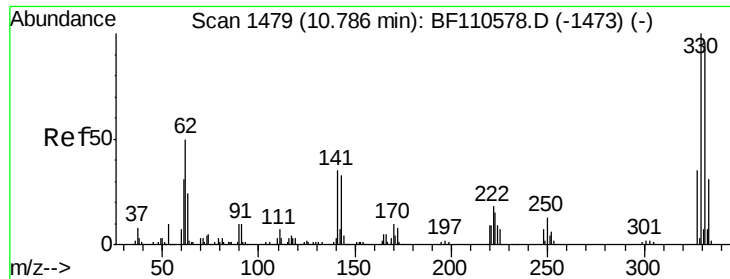
Tot Ion:142 Resp: 29463
Ion Ratio Lower Upper
142 100
141 88.4 74.2 111.4
116 4.3 2.6 4.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:164 Resp: 103791
Ion Ratio Lower Upper
164 100
162 106.8 83.0 124.6
160 47.1 37.0 55.6

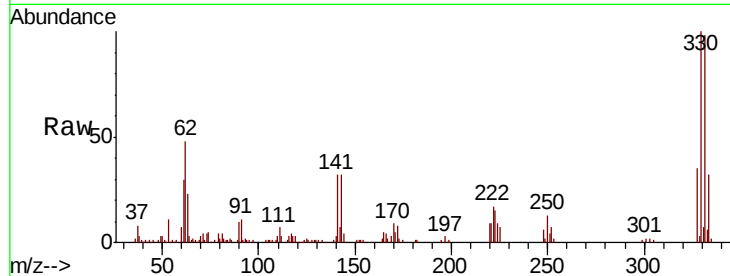




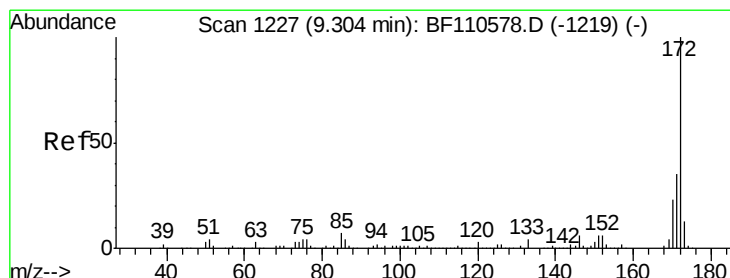
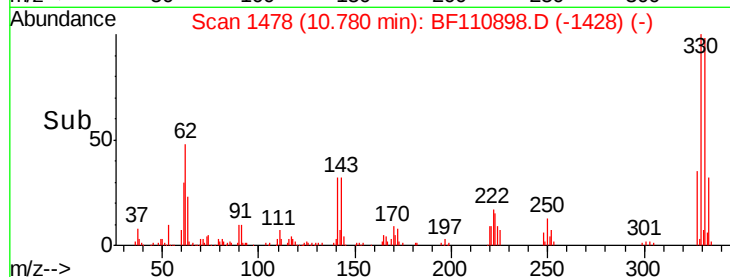
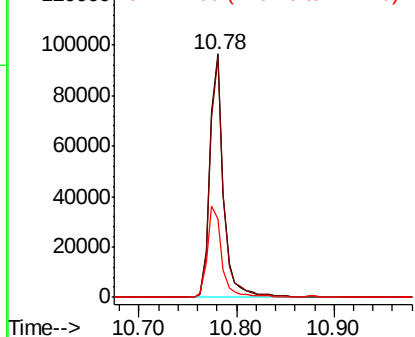
#42
 2,4,6-Tribromophenol
 Concen: 89.483 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110898.D
 Acq: 20 Nov 2018 17:01

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

Tot Ion:330 Resp: 93583
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 40.5 27.0 40.4#

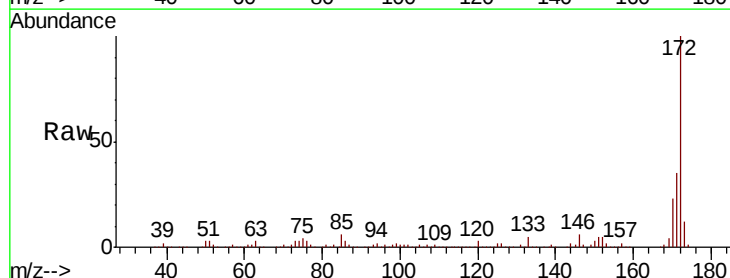


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

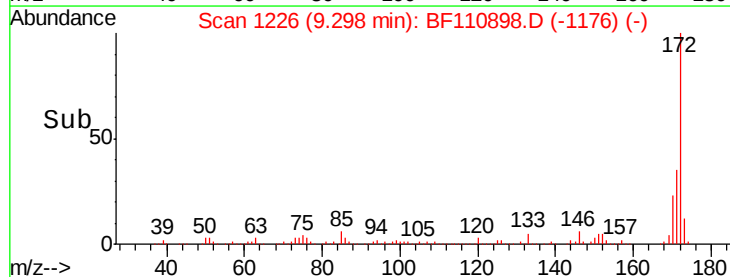
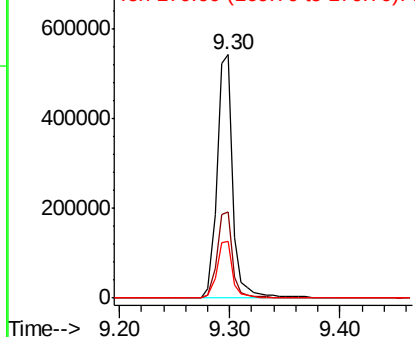


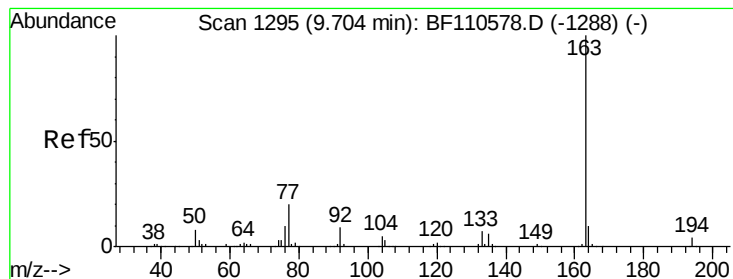
#45
 2-Fluorobiphenyl
 Concen: 74.044 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110898.D
 Acq: 20 Nov 2018 17:01

Tgt Ion:172 Resp: 538106
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.2 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: 8.233 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

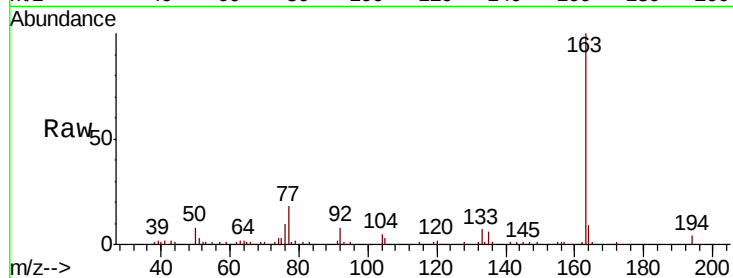
Tot Ion:163 Resp: 63762

Ion Ratio Lower Upper

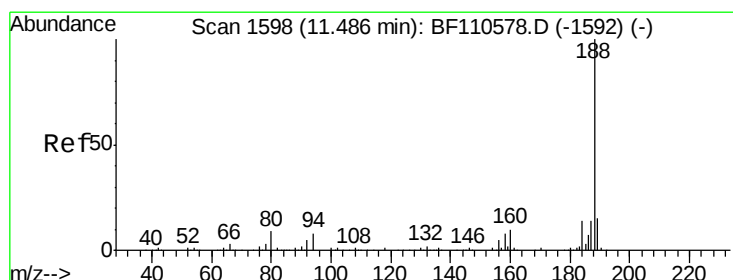
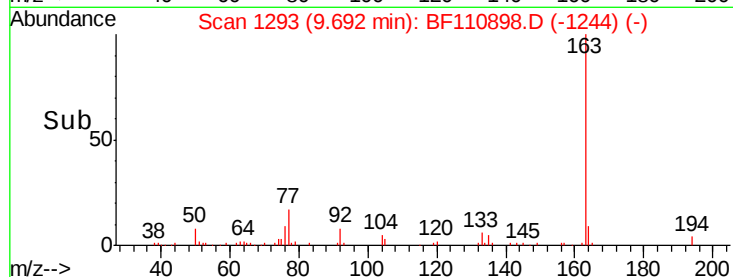
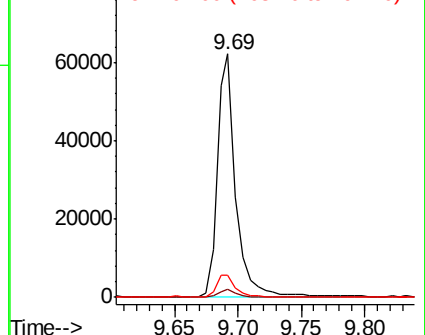
163 100

194 3.5 3.2 4.8

164 9.2 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: BF110898.D

Acq: 20 Nov 2018 17:01

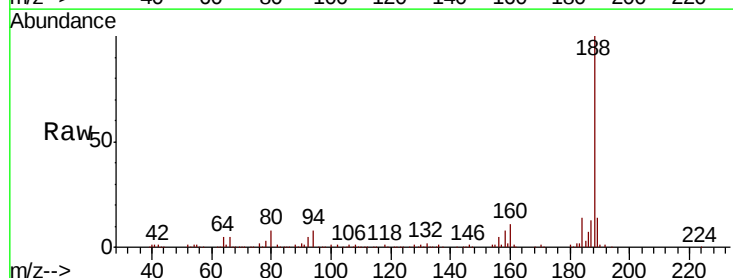
Tgt Ion:188 Resp: 177611

Ion Ratio Lower Upper

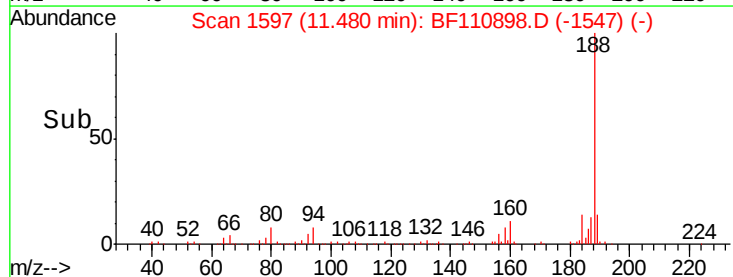
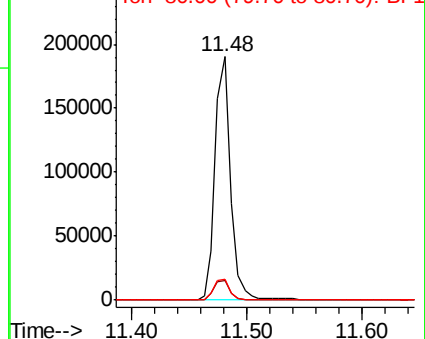
188 100

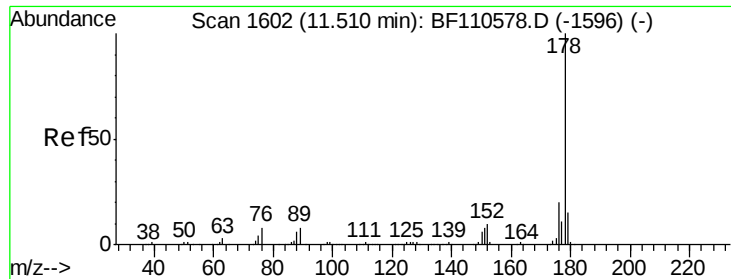
94 8.2 7.2 10.8

80 8.3 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





#71

Phenanthrene

Concen: 2.057 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

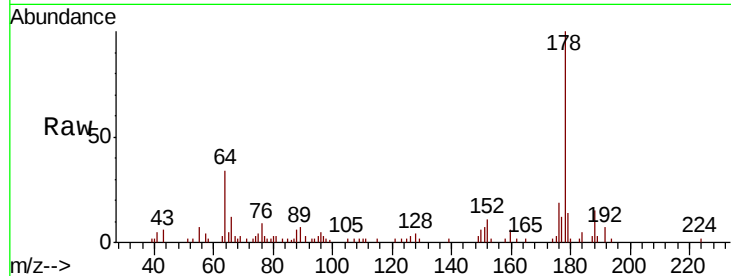
Tot Ion:178 Resp: 19577

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

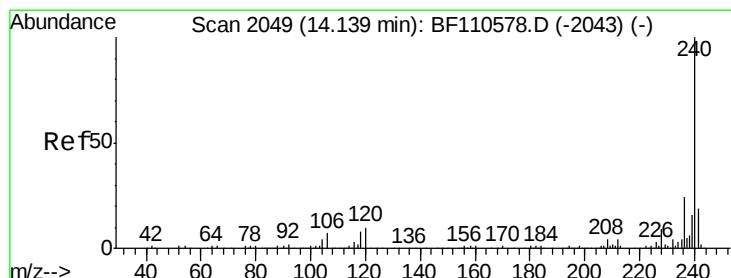
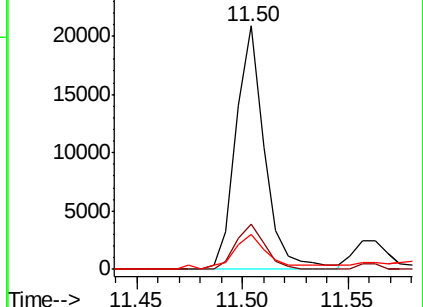
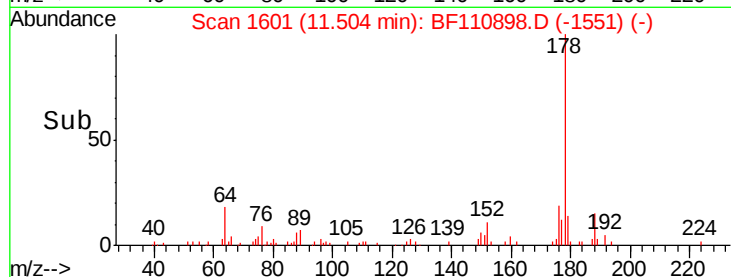
179 14.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

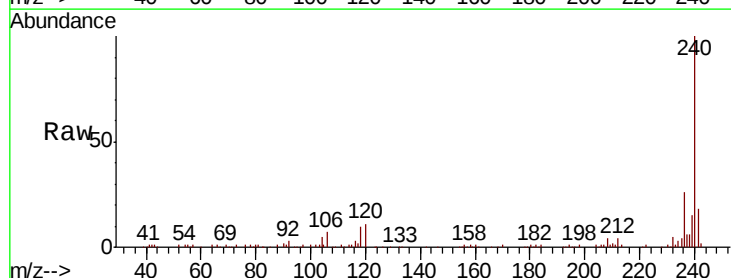
Tgt Ion:240 Resp: 125651

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

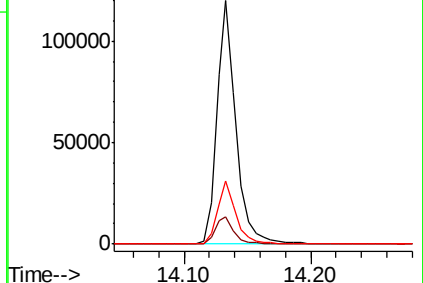
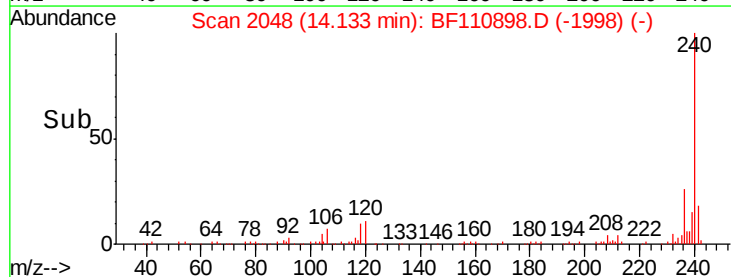
236 25.7 21.2 31.8

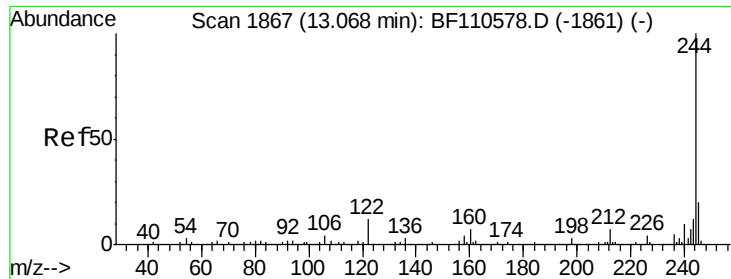


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.112 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

Instrument :

BNA_F

ClientSampleId :

SPLP-LEACHATE-AMENDED-WCC-

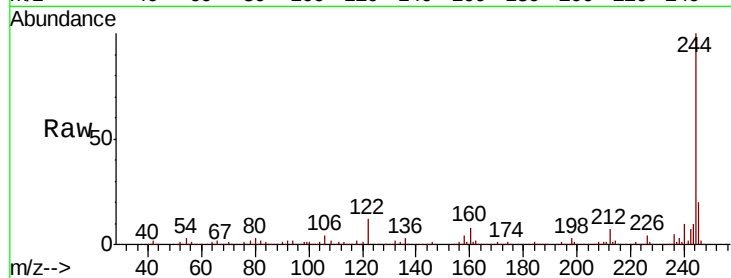
Tot Ion:244 Resp: 389893

Ion Ratio Lower Upper

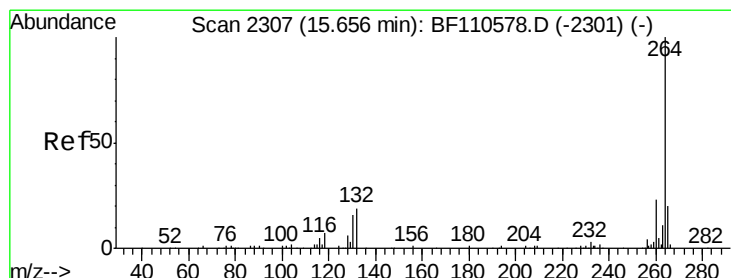
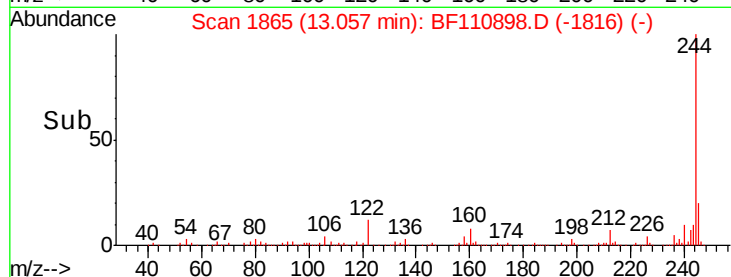
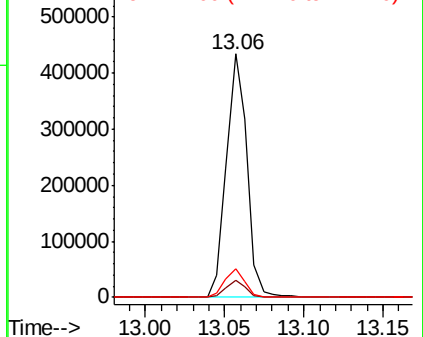
244 100

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110898.D

Acq: 20 Nov 2018 17:01

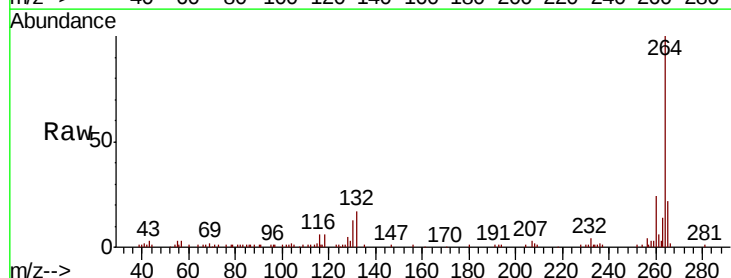
Tgt Ion:264 Resp: 109583

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.6 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

