Quantitation Report (Not Reviewed)

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 04:23:13 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						Qvalue
9) Benzaldehyde	6.49	77	1617	Below Cal	#	1
10) Phenol	6.58	94	18174	3.660	ng	# 77
18) Hexachloroethane	7.46	117	4005	2.487	ng	# 1
25) Isophorone	7.50	82	284601	44.666	ng	# 67
31) Naphthalene	8.25	128	166134	15.807	ng	99
33) 4-Chloroaniline	8.25	127	21733	4.565	ng	# 35
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
57) 2,4-Dinitrotoluene	9.98	165	14198	6.410	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	5722	2.915	ng	# 1
71) Phenanthrene	11.50	178	19577	2.057	ng	97
72) Anthracene	11.50	178	19577	2.040	ng	97

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
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Acq On : 20 Nov 2018 17:01
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ALS Vial : 14 Sample Multiplier: 1

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

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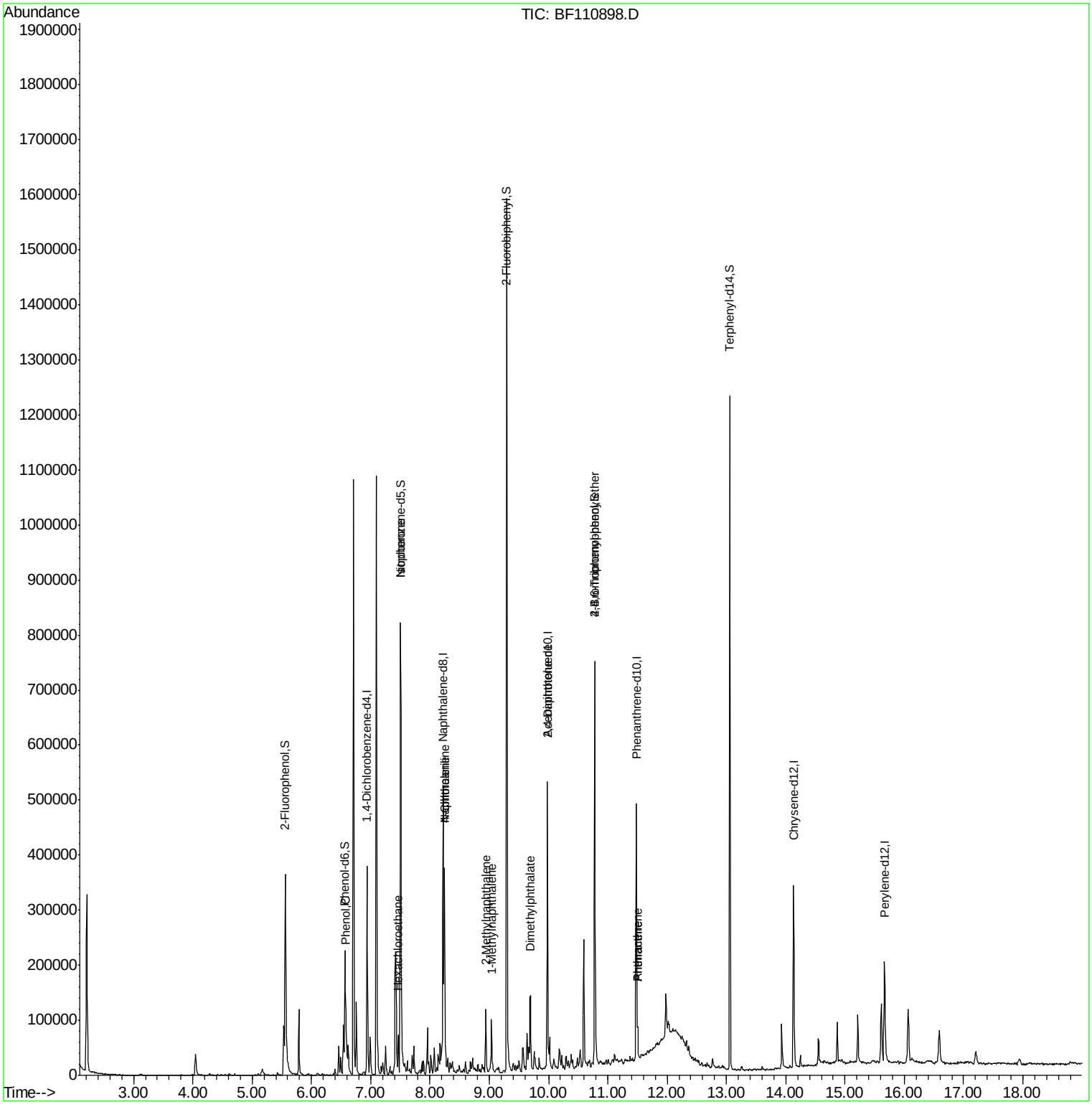
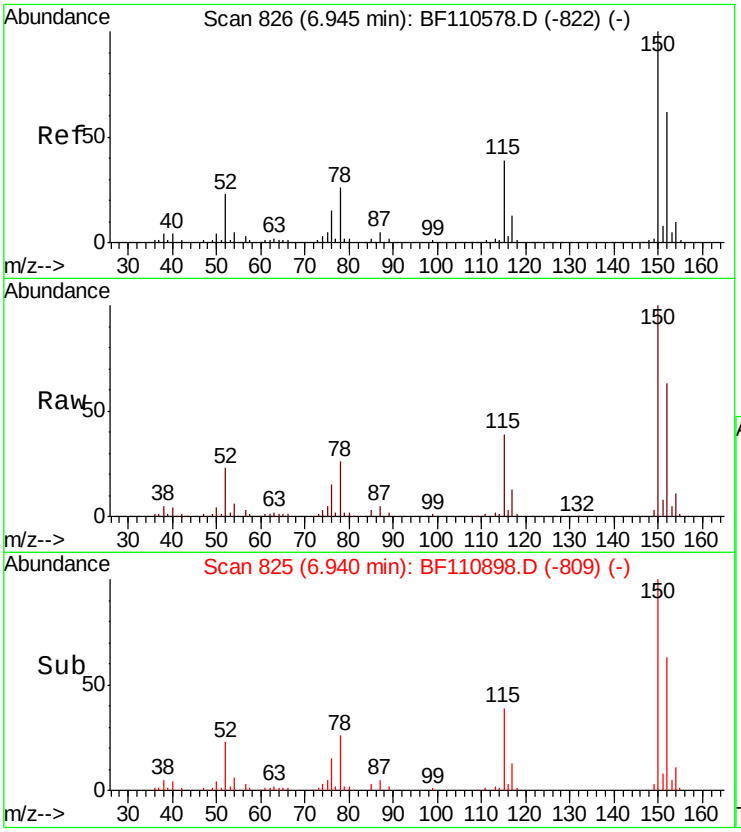
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration



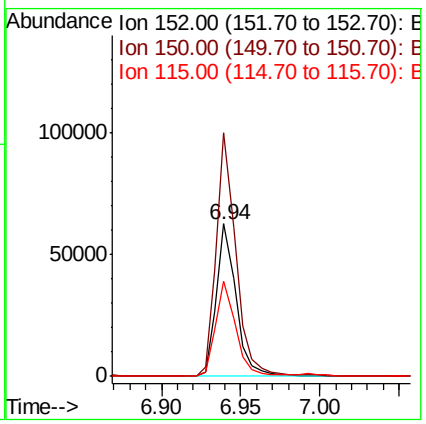


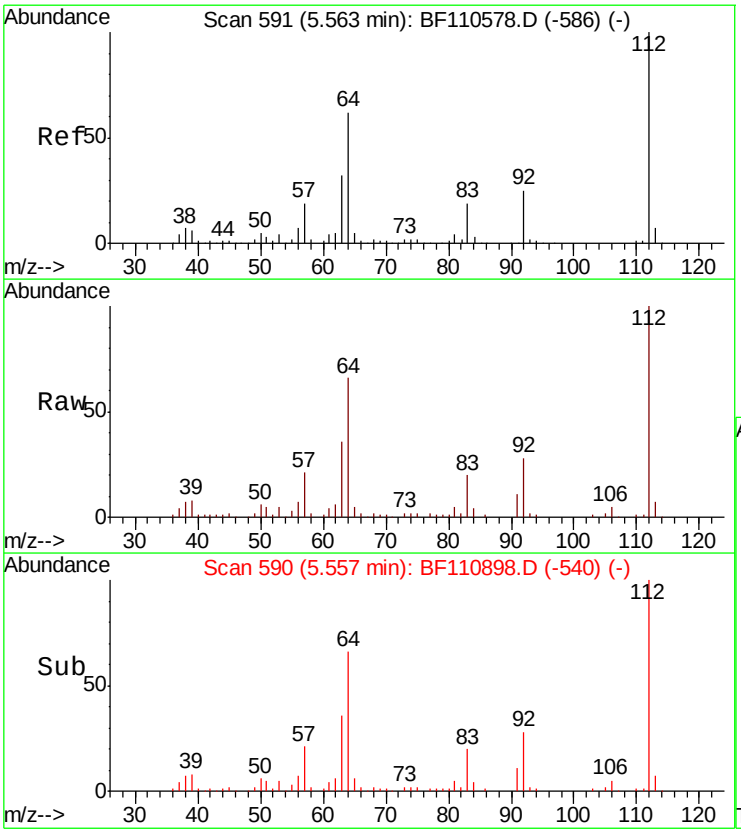
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:152 Resp: 54400

Ion	Ratio	Lower	Upper
152	100		
150	159.8	122.7	184.1
115	62.7	49.1	73.7

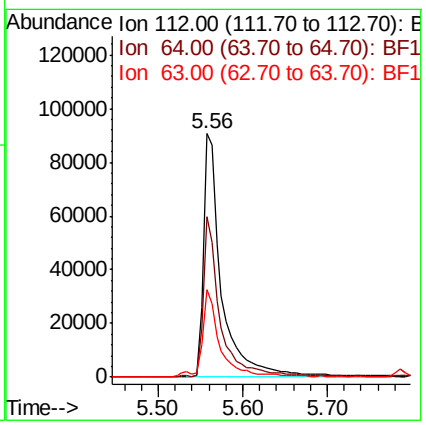


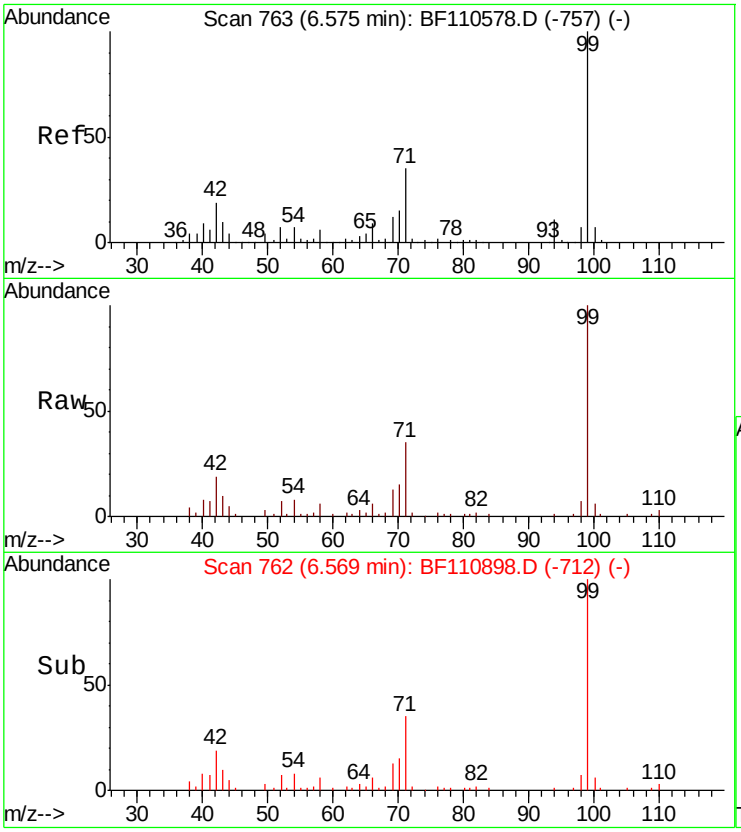


#5
2-Fluorophenol
Concen: 40.292 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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#



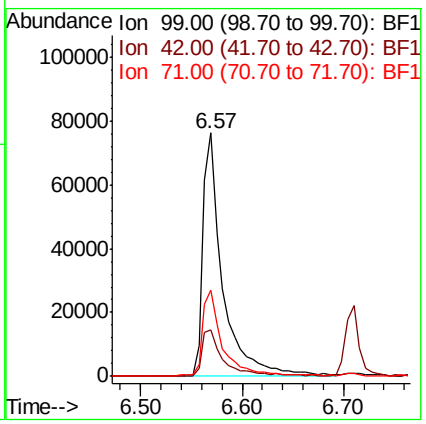


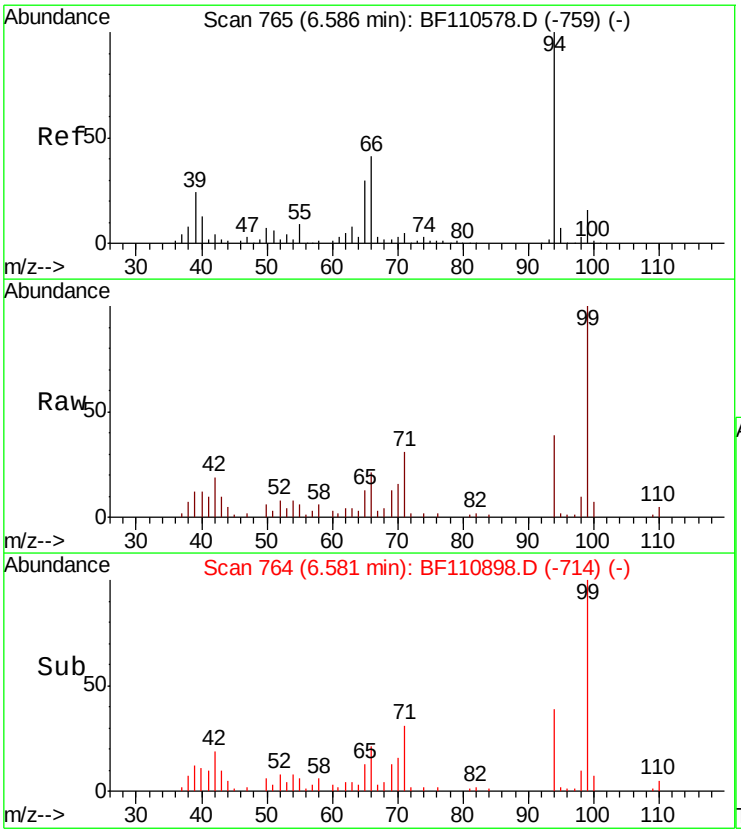
#7
Phenol-d6
Concen: 24.151 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion: 99 Resp: 103431

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	35.4	28.0	42.0

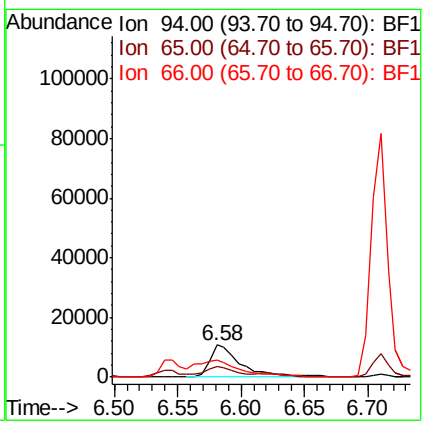


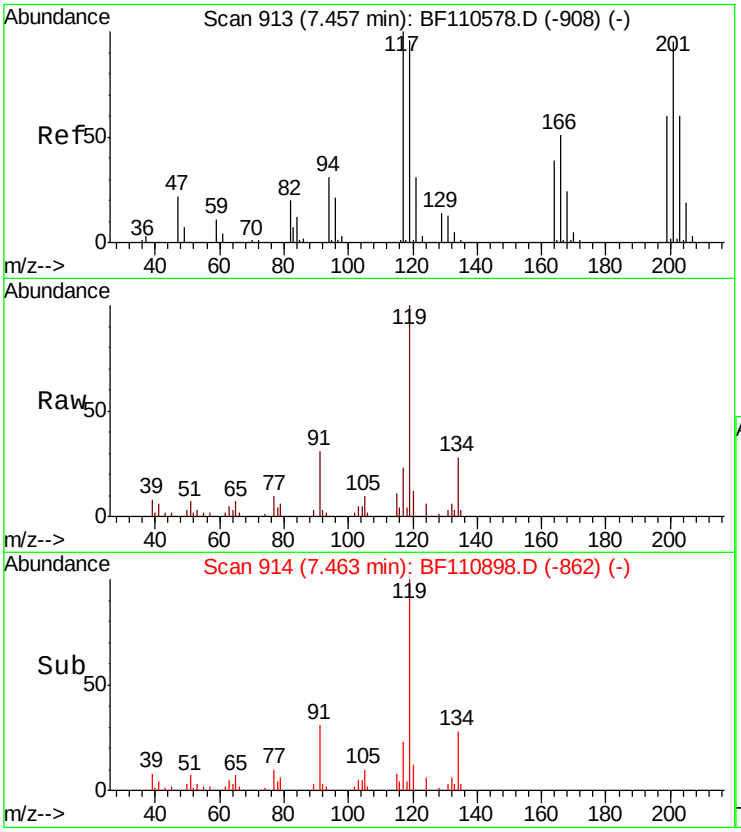


#10
Phenol
Concen: 3.660 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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#



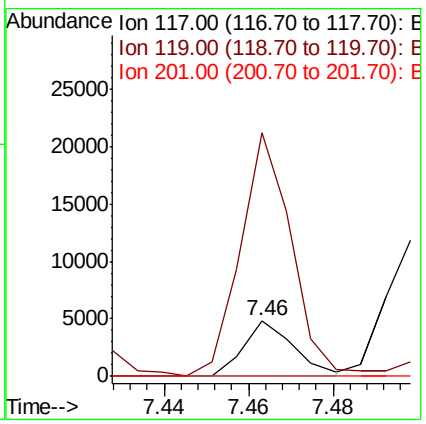


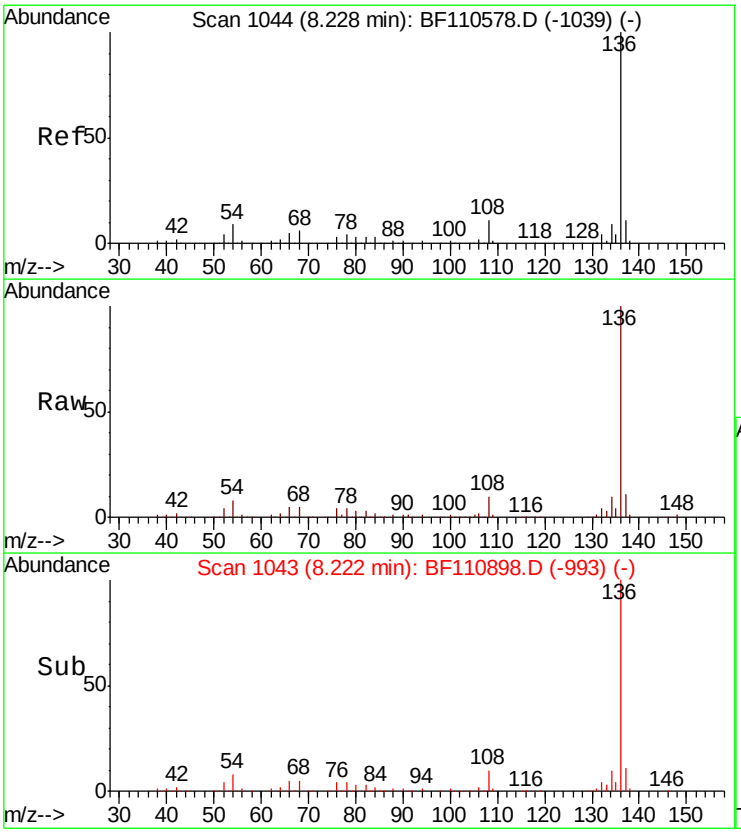
#18
Hexachloroethane
Concen: 2.487 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:117 Resp: 4005

Ion	Ratio	Lower	Upper
117	100		
119	436.4	75.0	112.6#
201	0.0	79.2	118.8#

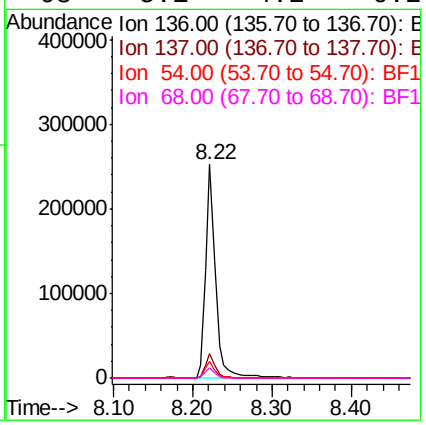


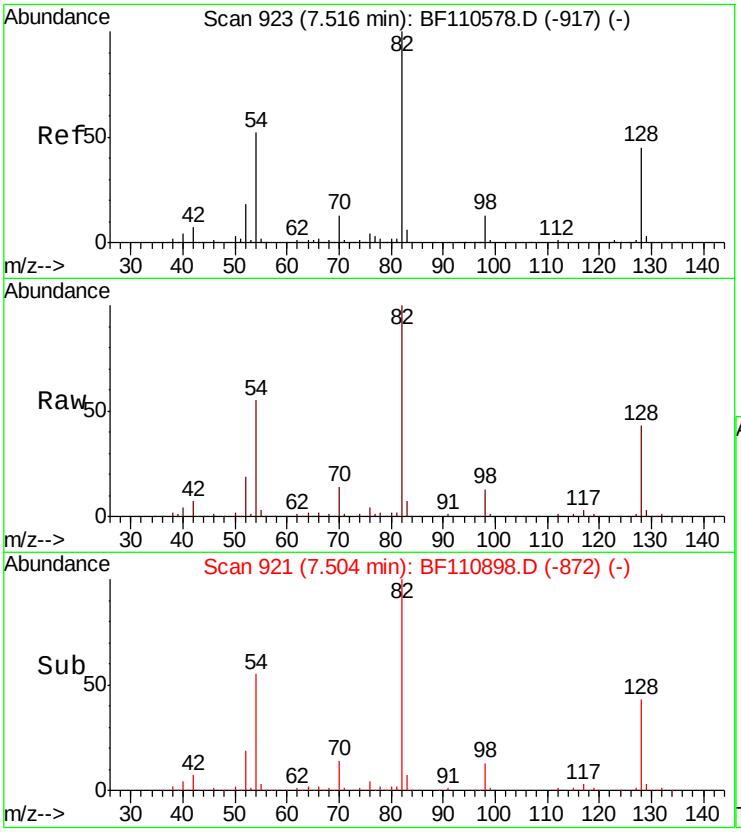


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt 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



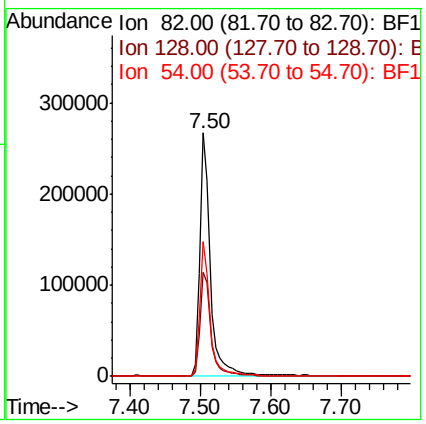


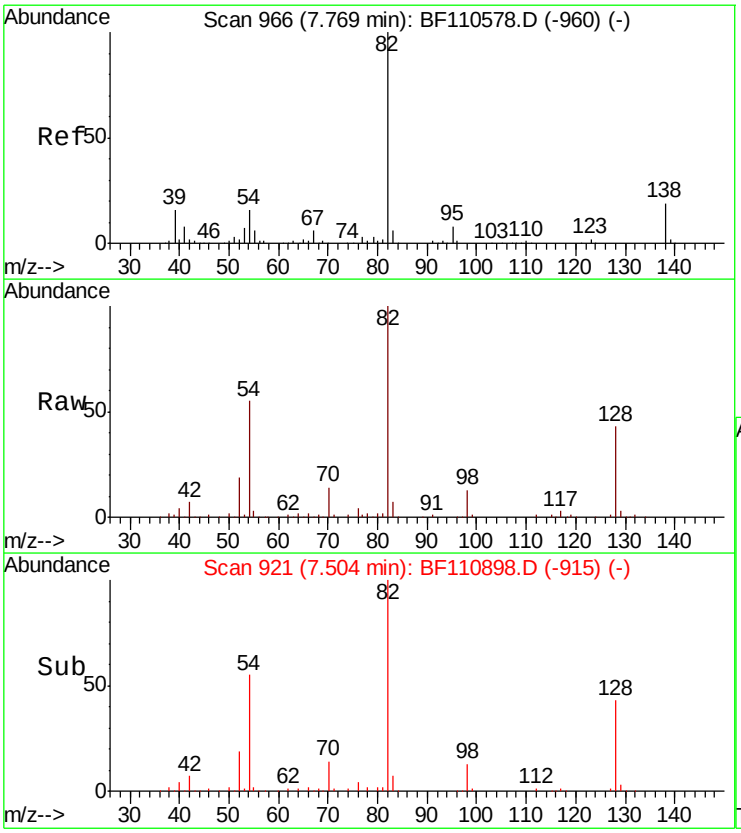
#23
Nitrobenzene-d5
Concen: 73.208 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

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

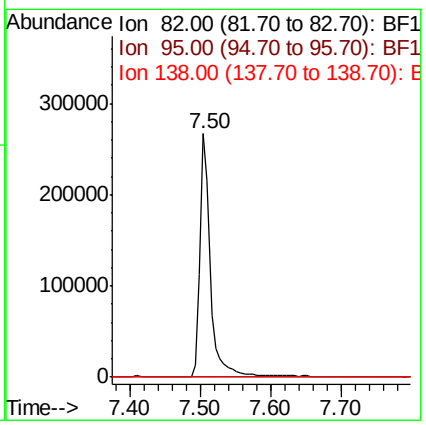


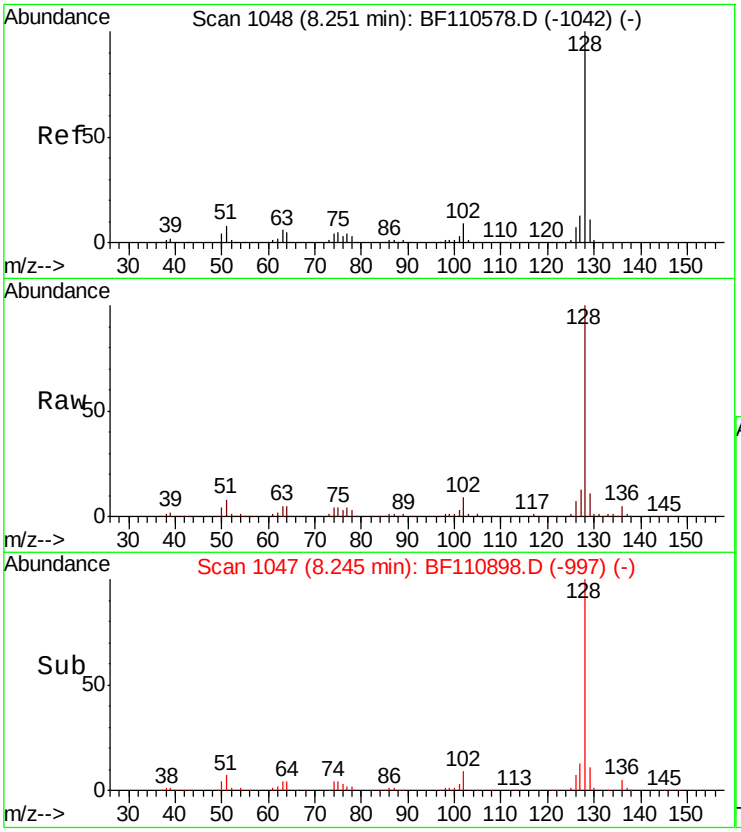


#25
Isophorone
Concen: 44.666 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion: 82 Resp: 284601

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



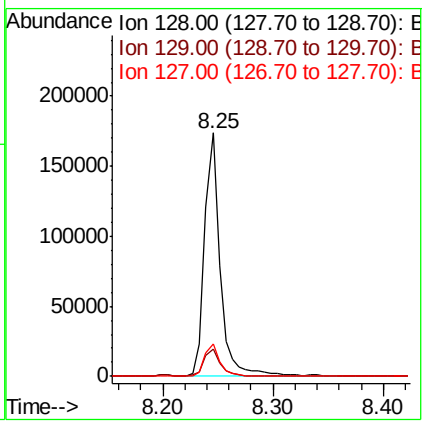


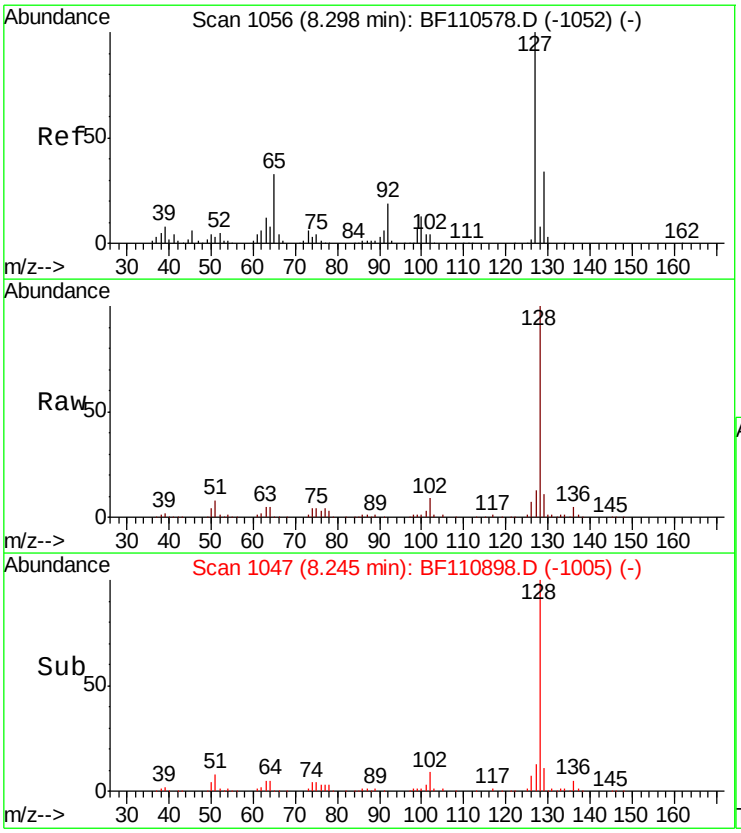
#31
Naphthalene
Concen: 15.807 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:128 Resp: 166134

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.8	16.2

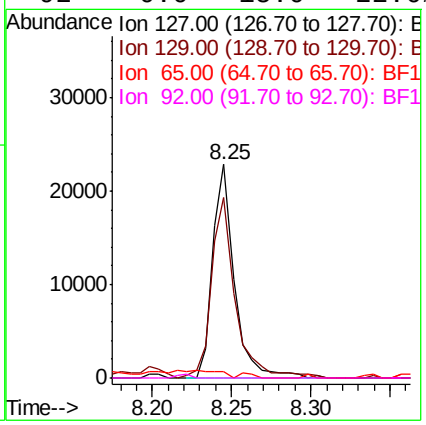


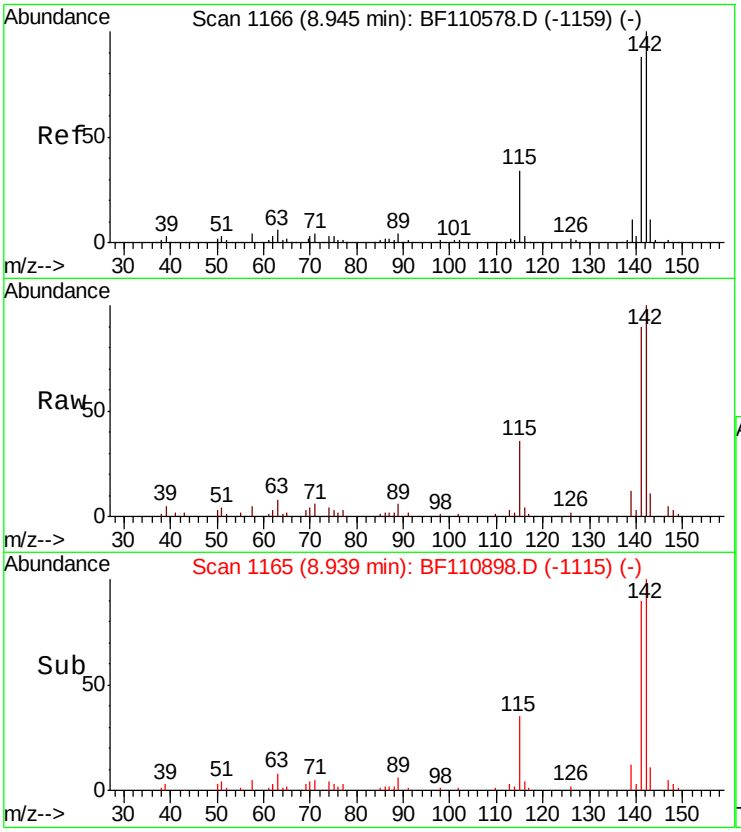


#33
4-Chloroaniline
Concen: 4.565 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.05 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:127 Resp: 21733

Ion	Ratio	Lower	Upper
127	100		
129	84.7	26.0	39.0#
65	3.2	25.1	37.7#
92	0.0	15.0	22.6#



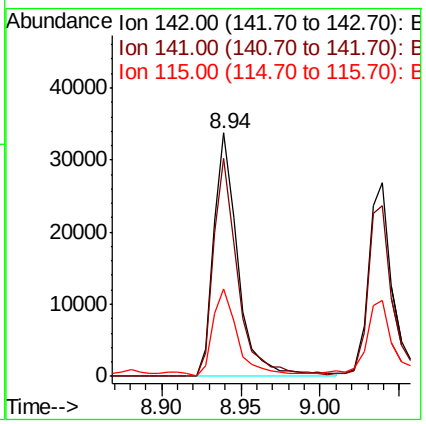


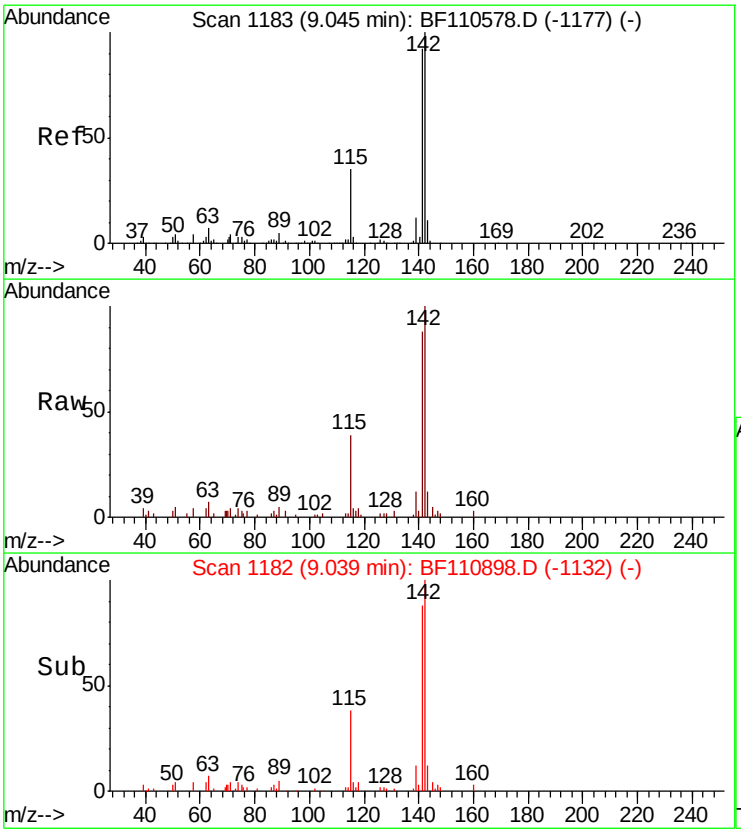
#37
2-Methylnaphthalene
Concen: 5.207 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

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

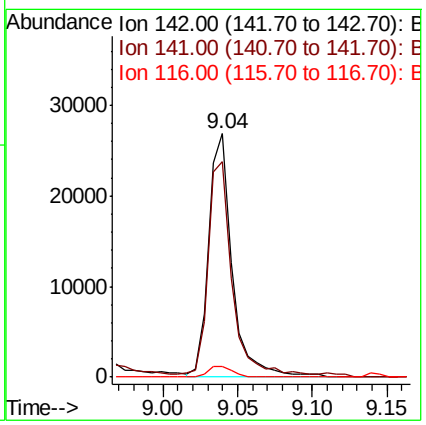


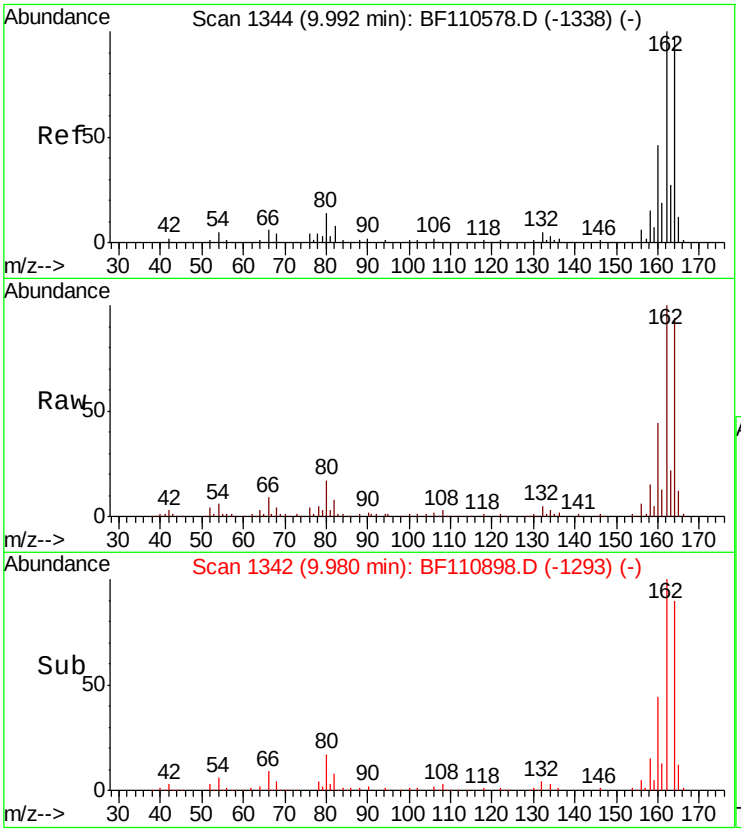


#38
1-Methylnaphthalene
Concen: 4.447 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:142 Resp: 29463

Ion	Ratio	Lower	Upper
142	100		
141	88.4	74.2	111.4
116	4.3	2.6	4.0#



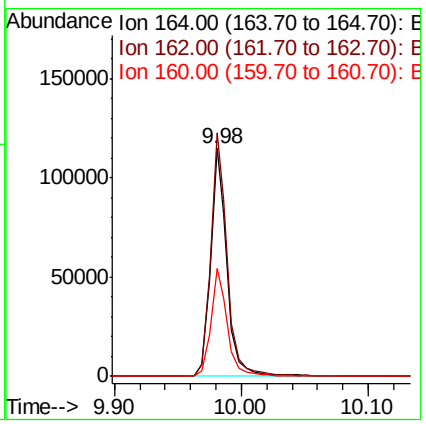


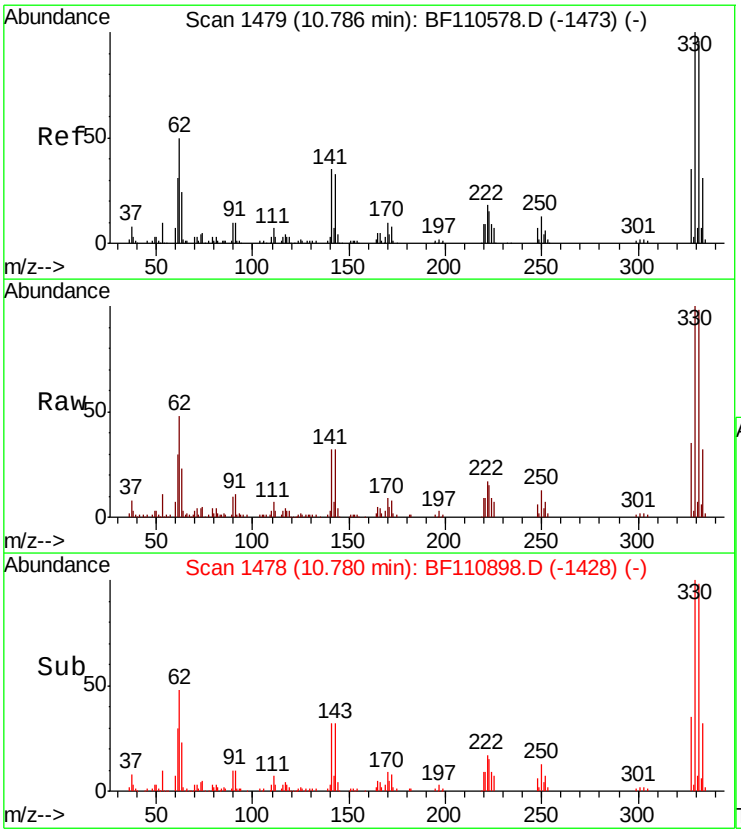
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

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

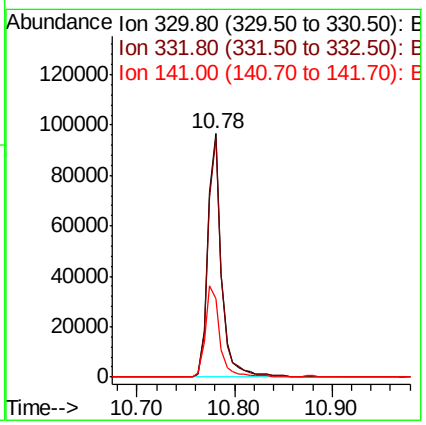


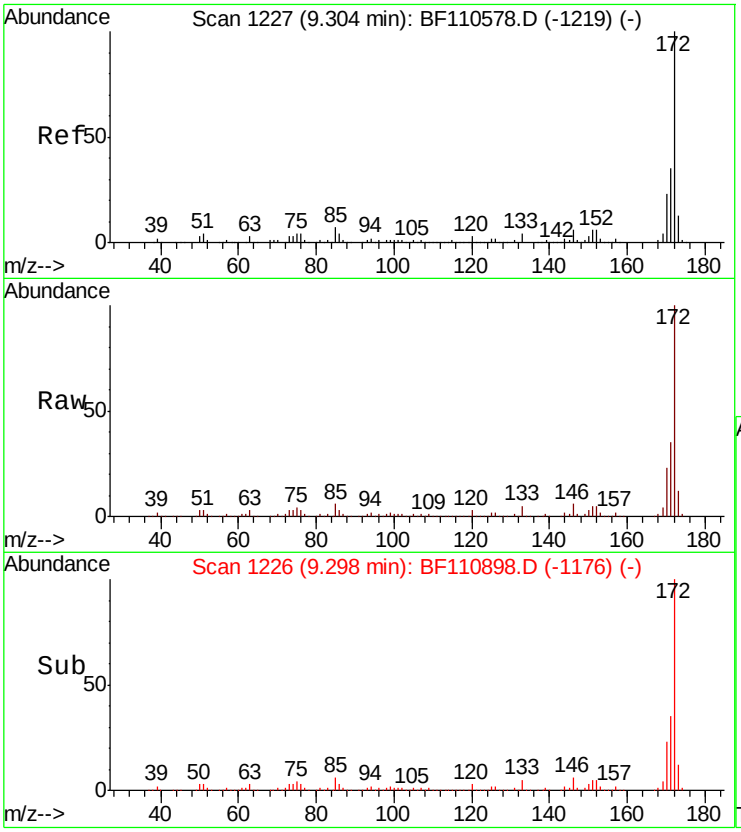


#42
2,4,6-Tribromophenol
Concen: 89.483 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:330 Resp: 93583

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	40.5	27.0	40.4#



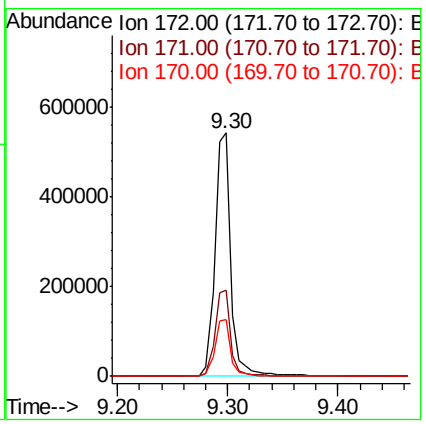


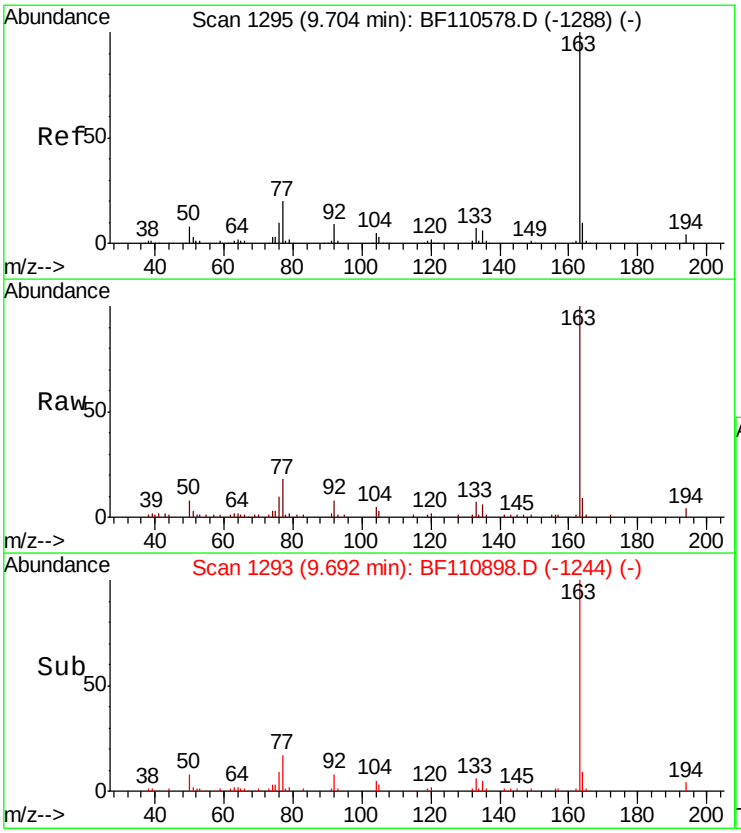
#45
2-Fluorobiphenyl
Concen: 74.044 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

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

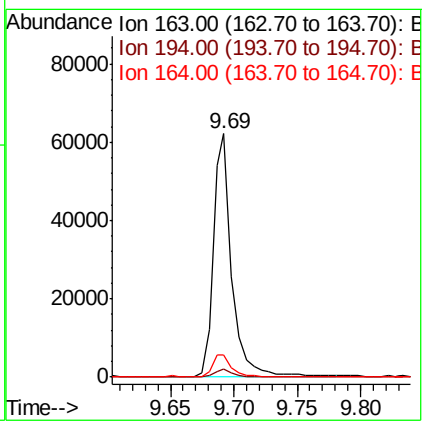


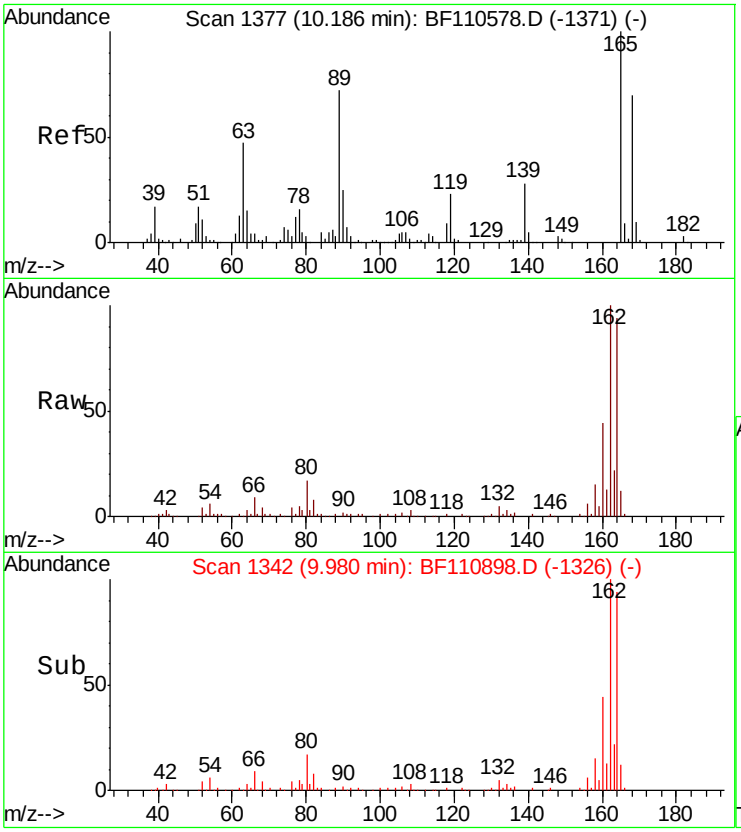


#50
Dimethylphthalate
Concen: 8.233 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:163 Resp: 63762

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.2	8.1	12.1



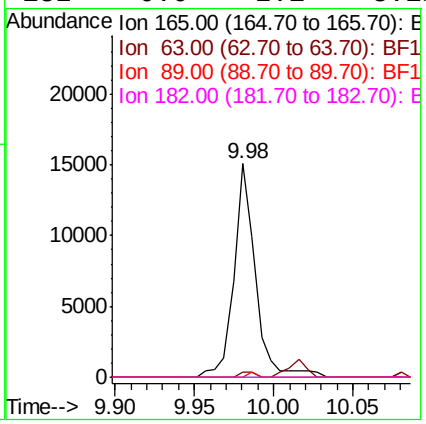


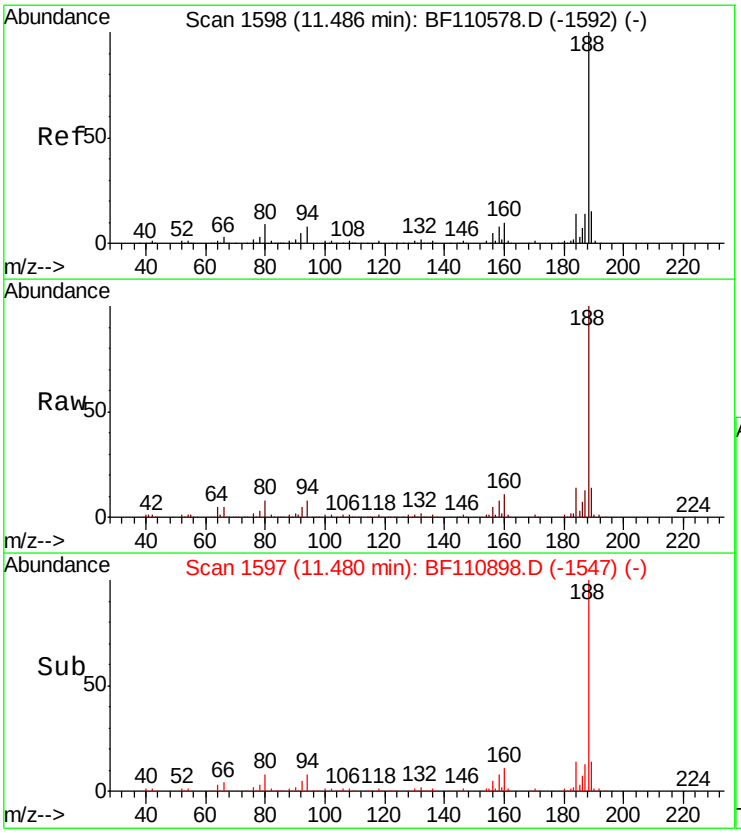
#57
2,4-Dinitrotoluene
Concen: 6.410 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.21 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:165 Resp: 14198

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

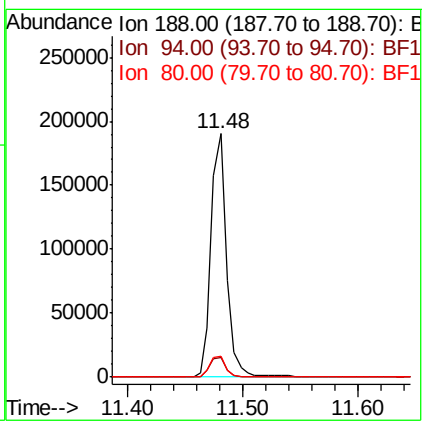


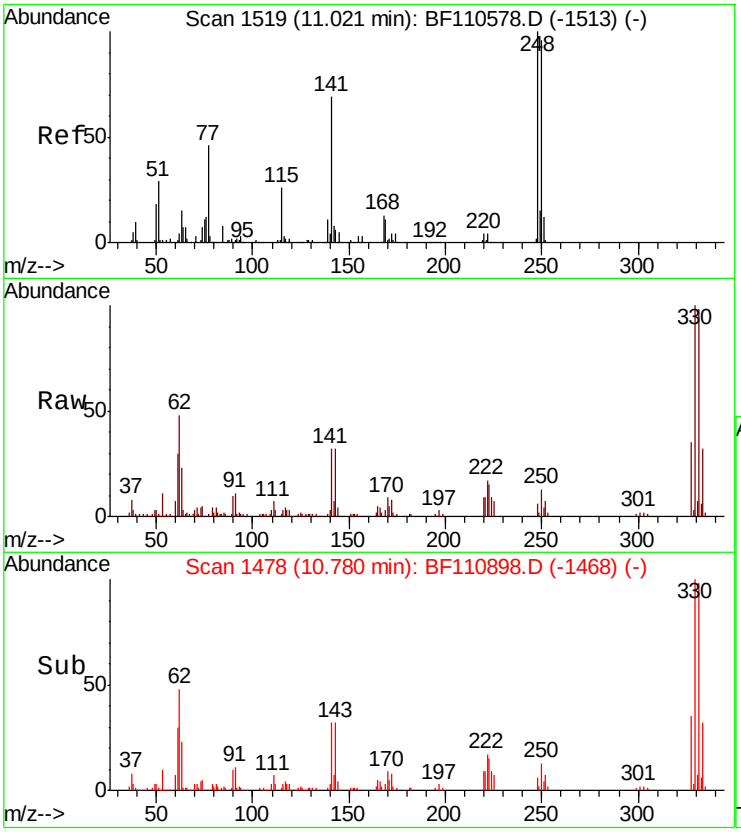


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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



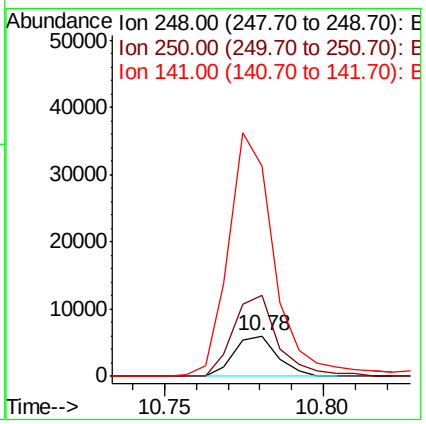


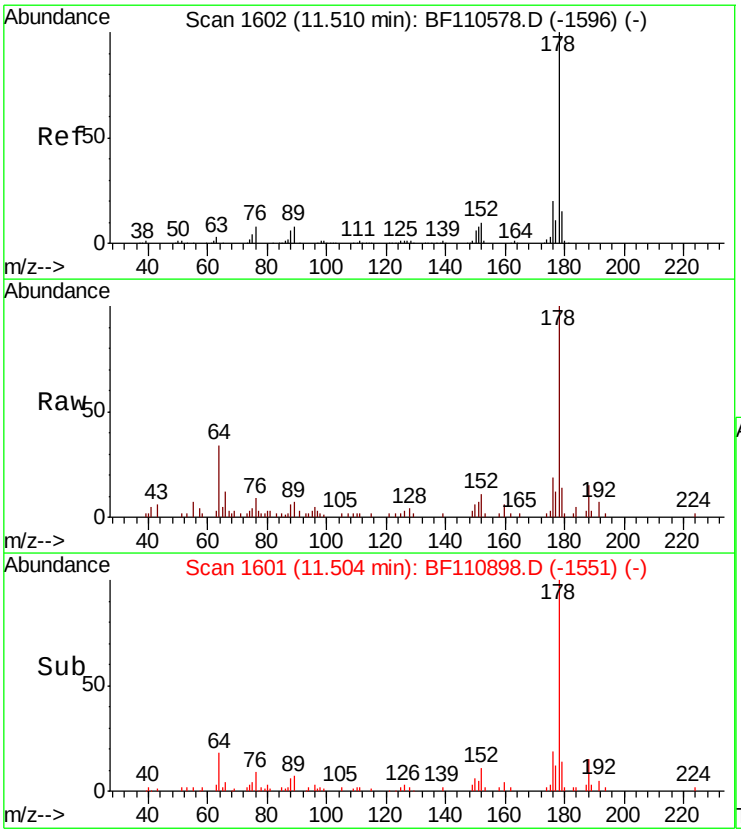
#67
4-Bromophenyl-phenylether
Concen: 2.915 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:248 Resp: 5722

Ion	Ratio	Lower	Upper
248	100		
250	201.9	79.4	119.2#
141	521.2	55.9	83.9#

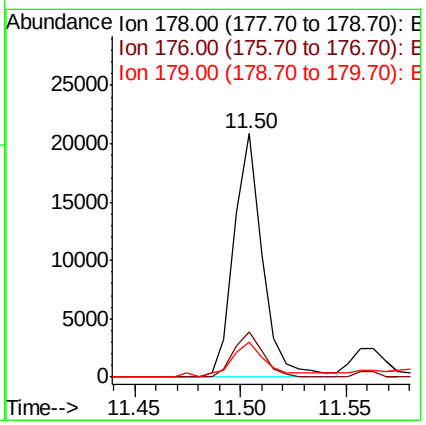


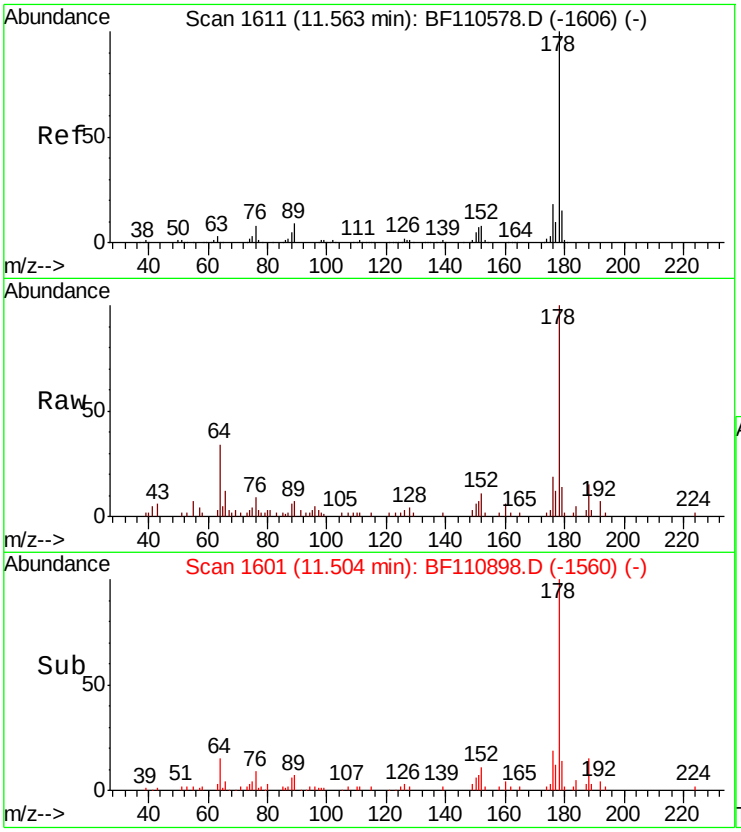


#71
Phenanthrene
Concen: 2.057 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

Tgt Ion:178 Resp: 19577

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.5	23.3
179	14.2	12.5	18.7



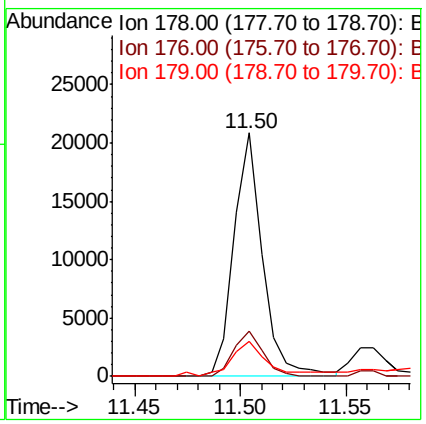


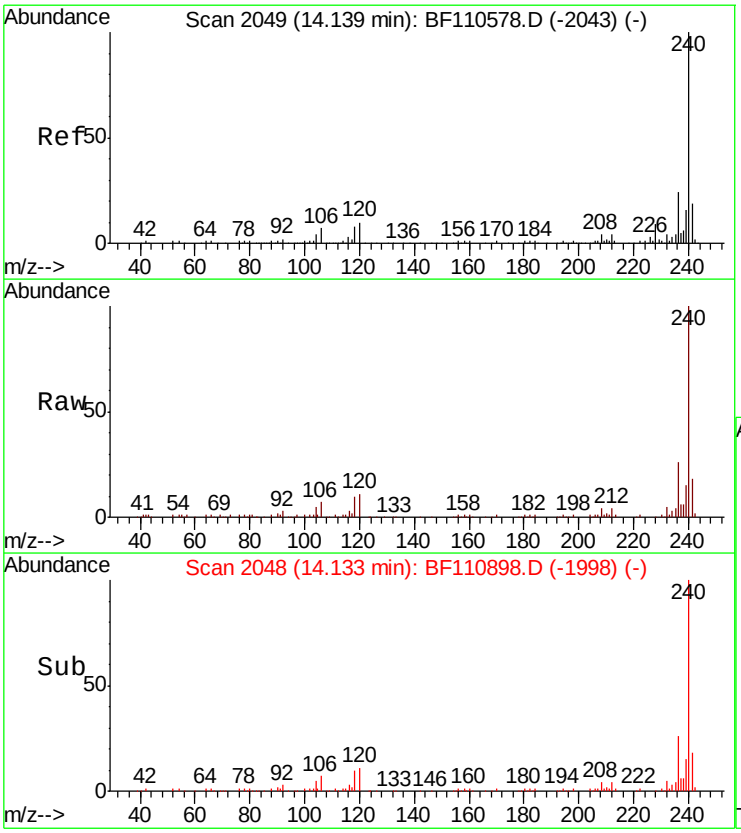
#72
Anthracene
Concen: 2.040 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.06 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:178 Resp: 19577

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.2	12.6	18.8

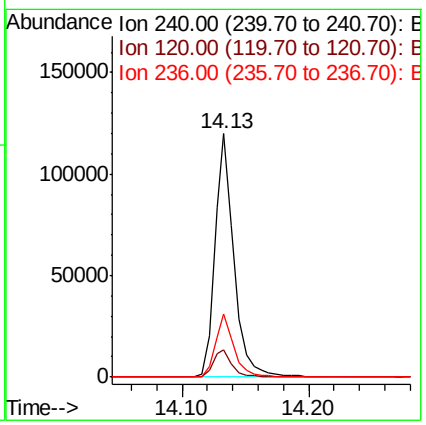


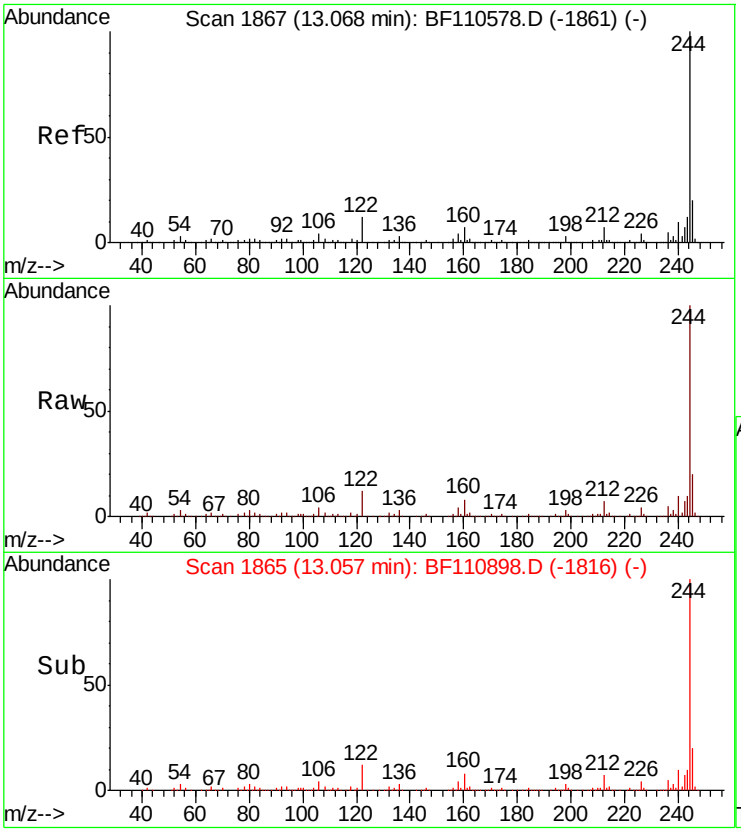


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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



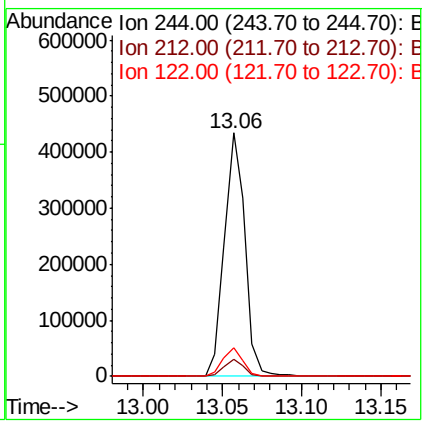


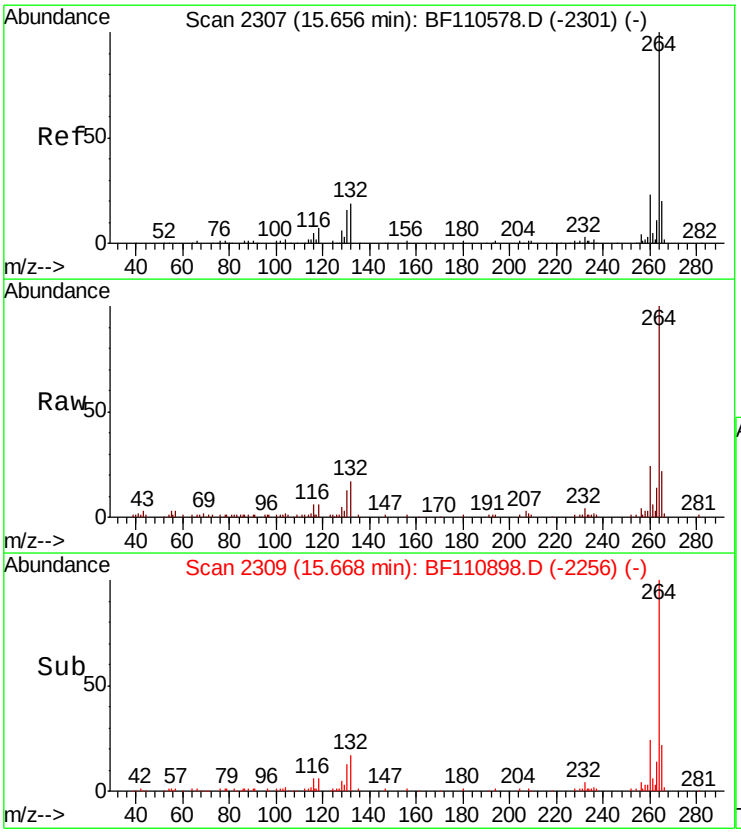
#79
Terphenyl-d14
Concen: 58.112 ng
RT: 13.06 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF110898.D
Acq: 20 Nov 2018 17:01

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

Tgt Ion:244 Resp: 389893

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.7	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: 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