Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097710.D
Acq On : 16 Aug 2017 00:16
Operator : SJ/JU
Sample : I4768-02 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAMILTON-PL-WATER-60

Quant Time: Aug 16 03:57:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	130157	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	505137	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	212494	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	332288	20.00	ng	0.00
75) Chrysene-d12	13.93	240	262209	20.00	ng	0.00
86) Perylene-d12	15.37	264	241721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1404	0.16	ng	-0.01
7) Phenol-d6	6.40	99	1449	0.12	ng	-0.01
23) Nitrobenzene-d5	7.34	82	2930	0.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	502	0.27	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	6568	0.45	ng	0.00
78) Terphenyl-d14	12.89	244	4039	0.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.82	163	60806	3.91	ng	# 1
50) 2,6-Dinitrotoluene	9.82	165	28309	9.13	ng	# 34
56) 2,4-Dinitrotoluene	9.82	165	28309	7.28	ng	# 34
70) Phenanthrene	11.32	178	41878	2.37	ng	97
71) Anthracene	11.32	178	41878	2.33	ng	97
74) Fluoranthene	12.51	202	85081	4.60	ng	94
77) Pyrene	12.74	202	57688	2.69	ng	# 89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
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Acq On : 16 Aug 2017 00:16
Operator : SJ/JU
Sample : I4768-02 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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HAMILTON-PL-WATER-60

Quant Time: Aug 16 03:57:32 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
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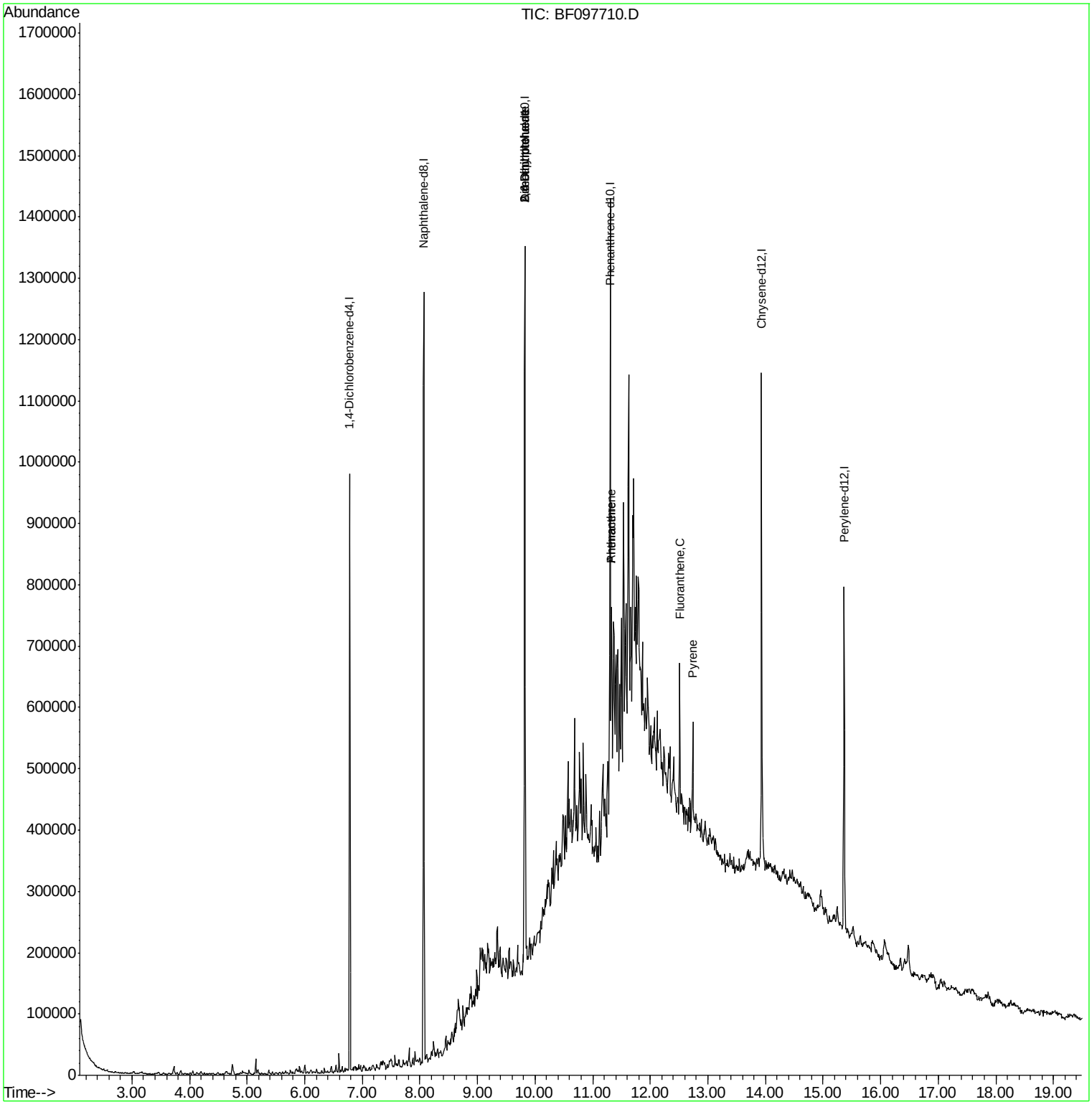
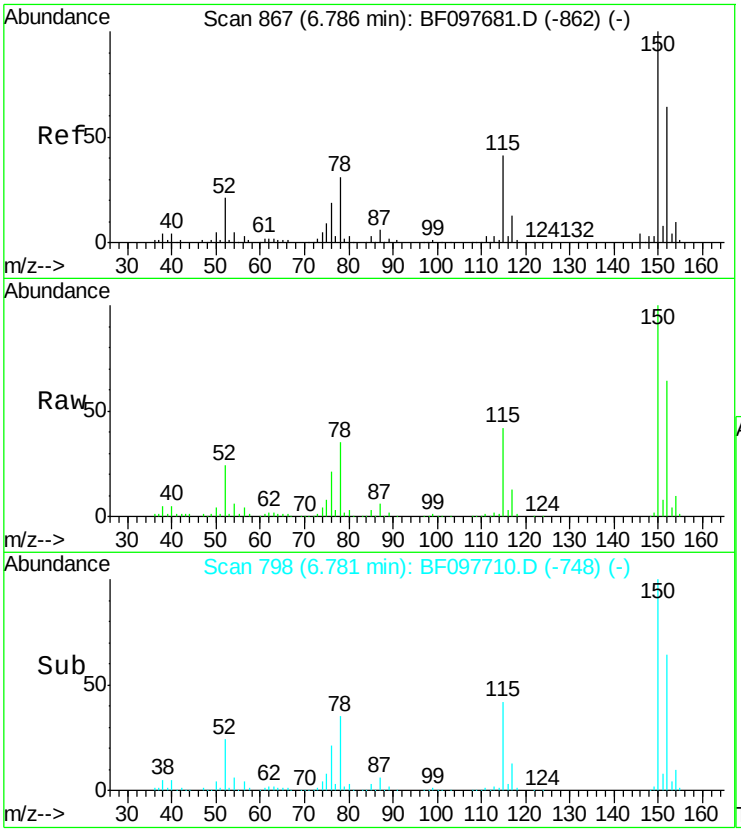


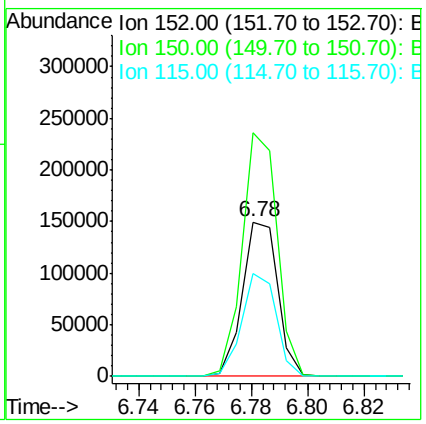


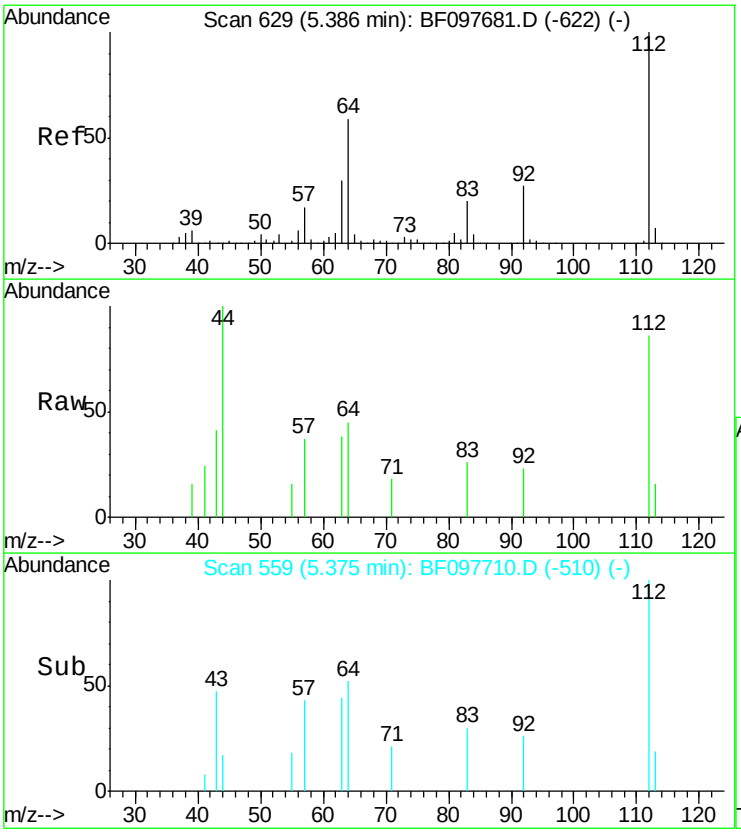
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:152 Resp: 130157

Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	66.8	52.2	78.2

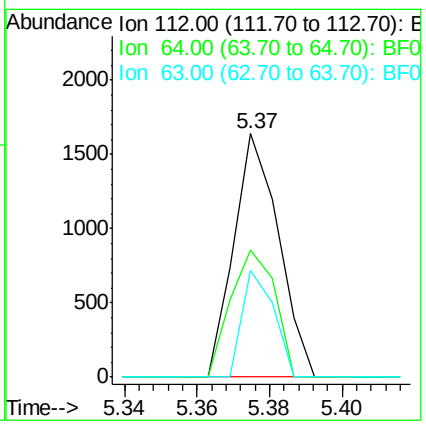


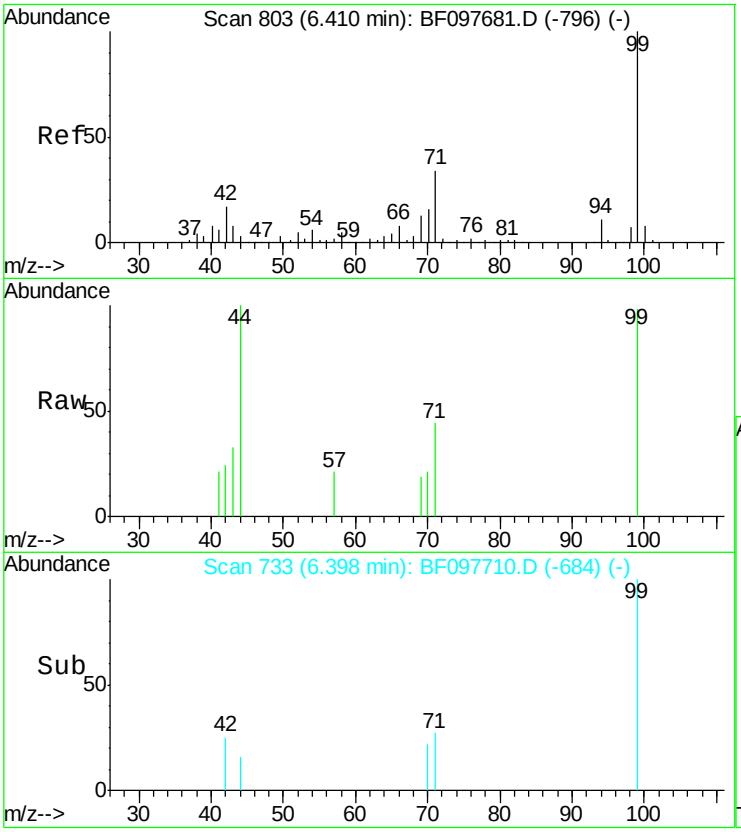


#5
2-Fluorophenol
Concen: 0.16 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:112 Resp: 1404

Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.0	69.0
63	43.6	23.4	35.0#



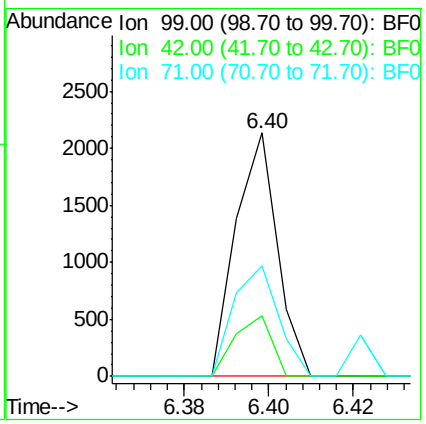


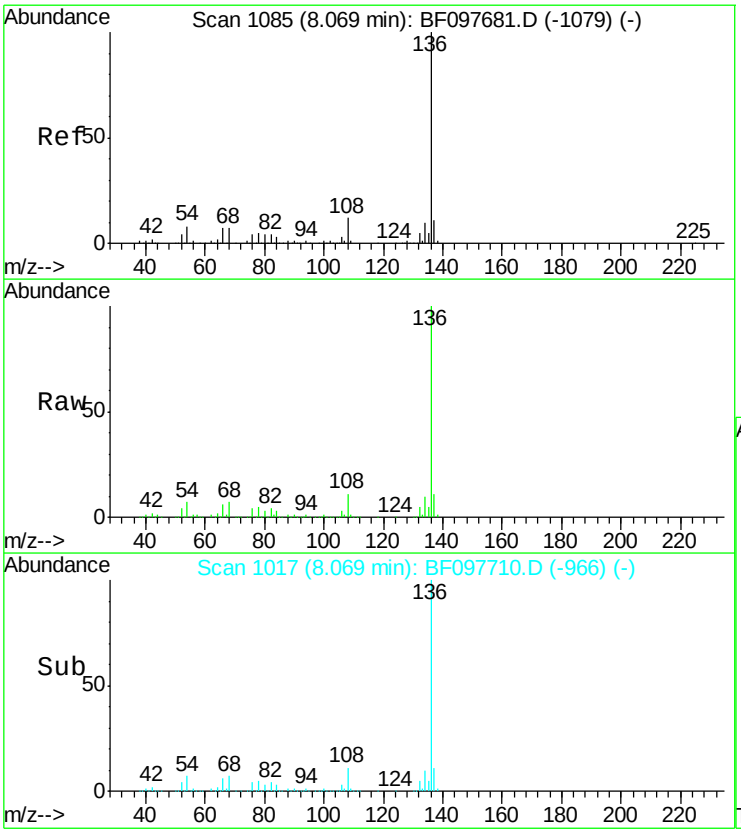
#7
Phenol-d6
Concen: 0.12 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion: 99 Resp: 1449

Ion	Ratio	Lower	Upper
99	100		
42	24.8	13.5	20.3#
71	45.2	24.5	36.7#

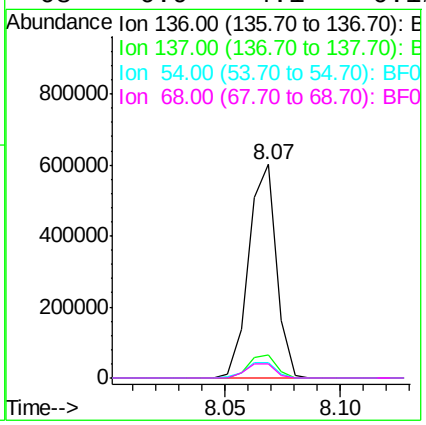


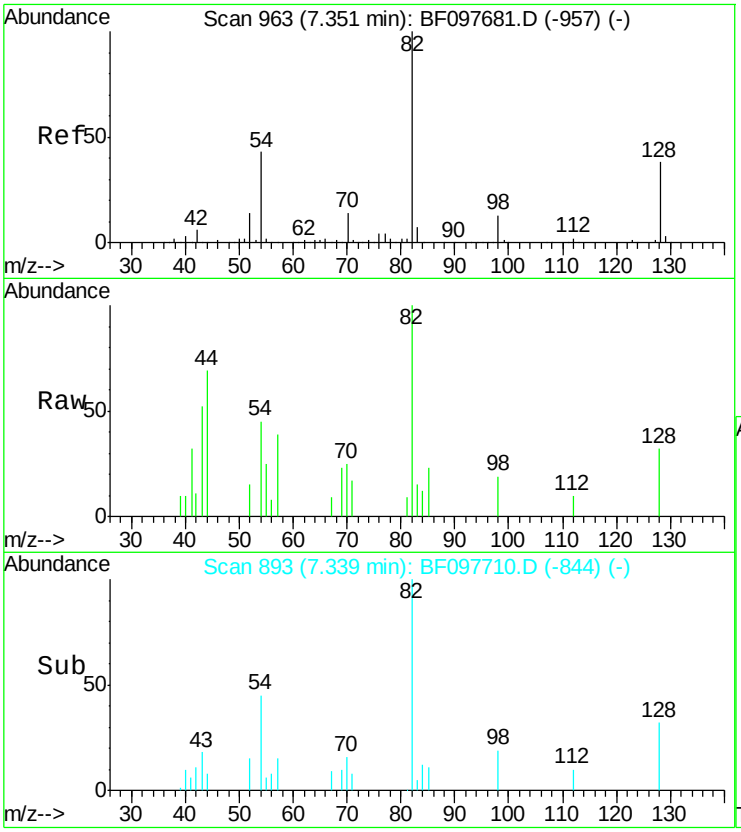


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:136 Resp: 505137

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.1	4.9	7.3
68	6.9	4.1	6.1#



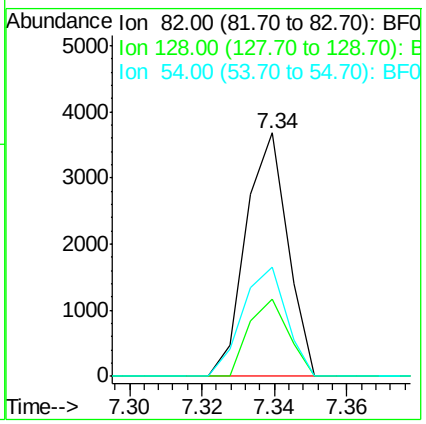


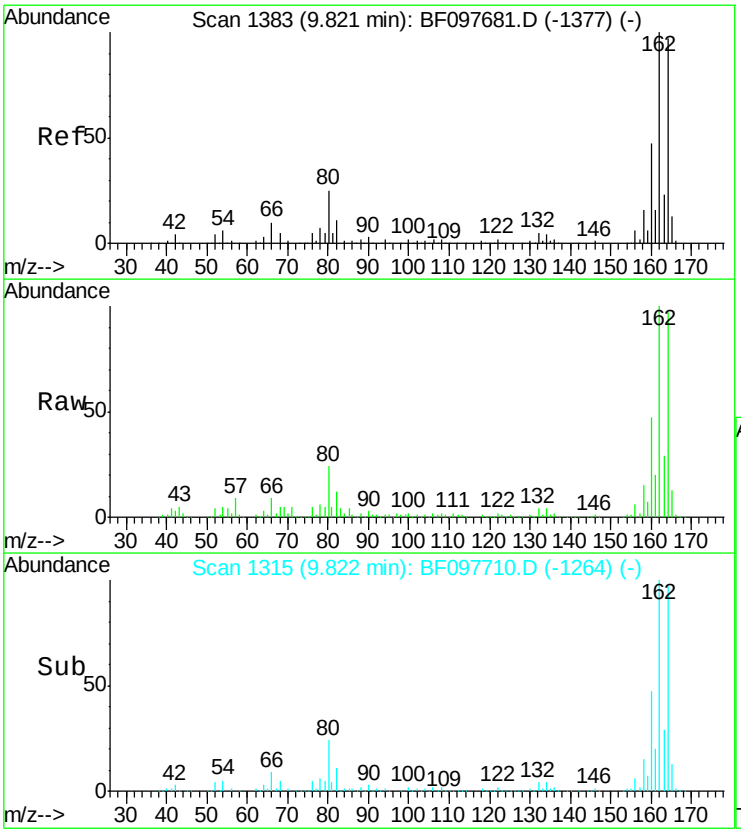
#23
Nitrobenzene-d5
Concen: 0.32 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion: 82 Resp: 2930

Ion	Ratio	Lower	Upper
82	100		
128	31.8	34.0	51.0#
54	45.0	42.2	63.2

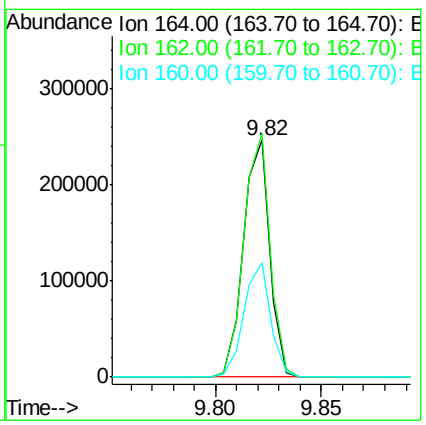


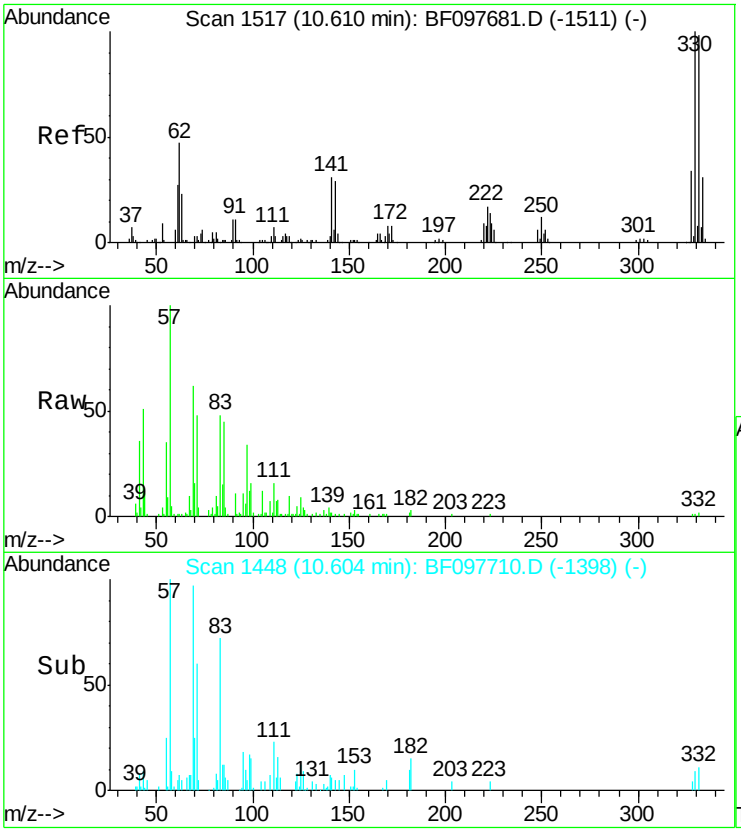


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:164 Resp: 212494

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	48.2	36.2	54.2



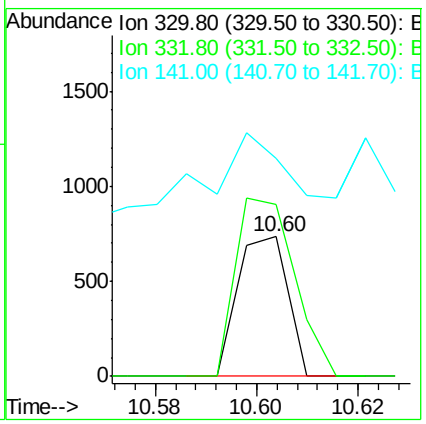


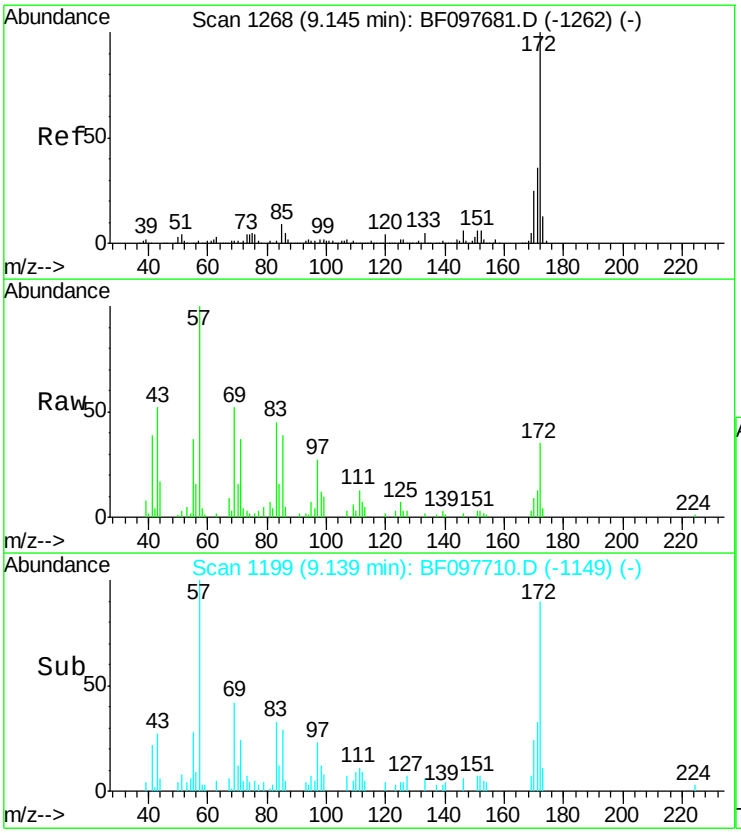
#41
2,4,6-Tribromophenol
Concen: 0.27 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:330 Resp: 502

Ion	Ratio	Lower	Upper
330	100		
332	151.0	76.6	115.0#
141	70.3	31.4	47.2#

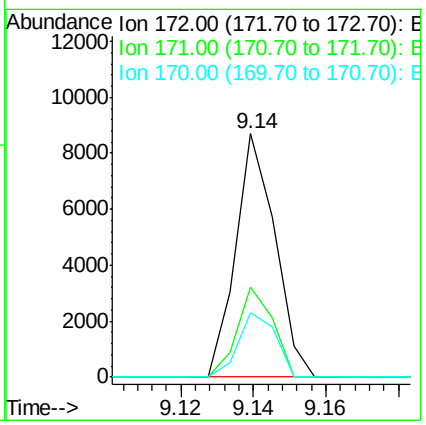


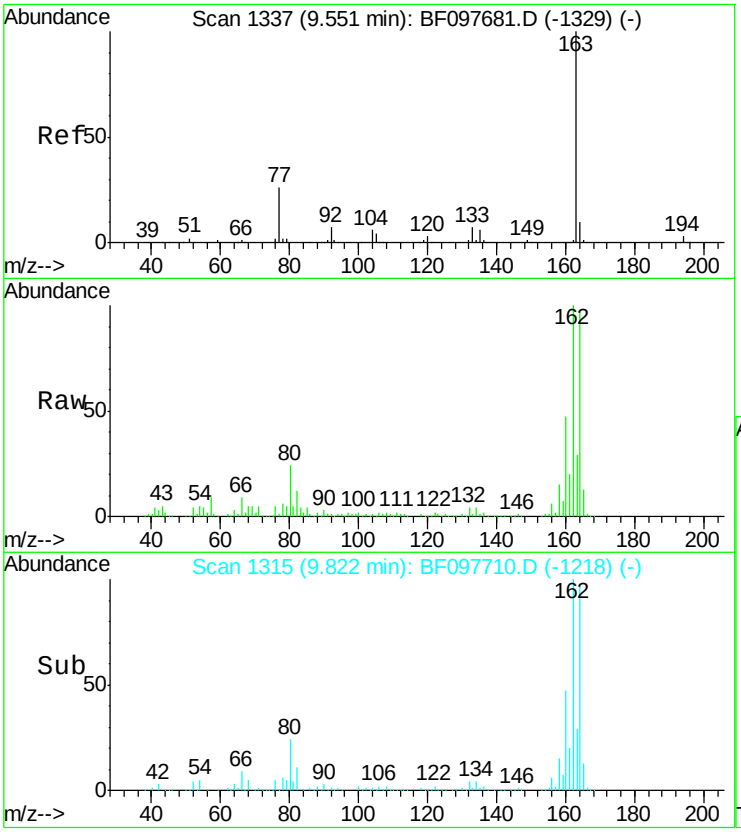


#44
2-Fluorobiphenyl
Concen: 0.45 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:172 Resp: 6568

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	26.7	19.8	29.8



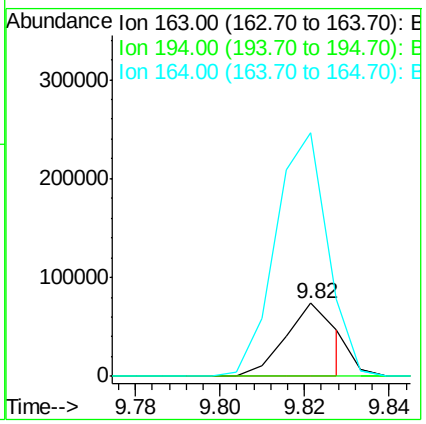


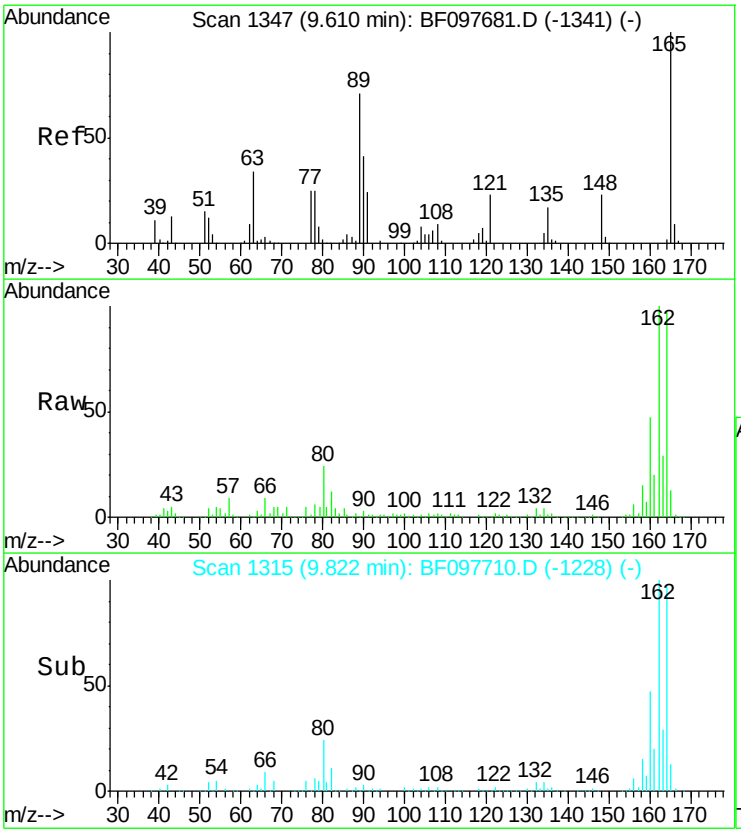
#49
Dimethylphthalate
Concen: 3.91 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.27 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:163 Resp: 60806

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.6	4.0#
164	333.7	8.4	12.6#

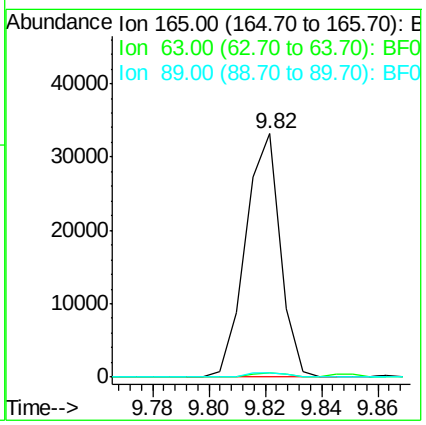


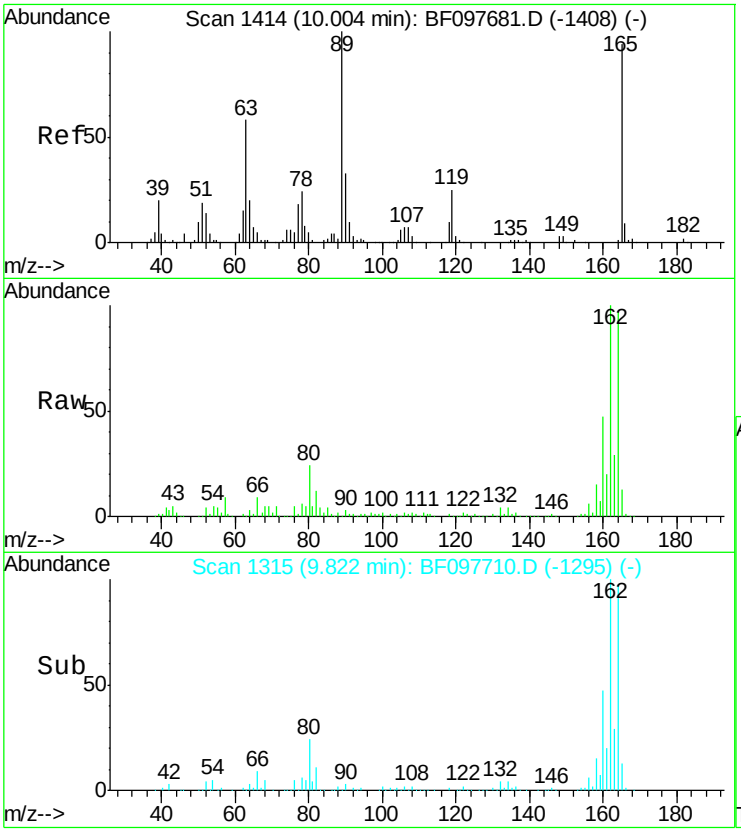


#50
2,6-Dinitrotoluene
Concen: 9.13 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.21 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:165 Resp: 28309

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.0	37.1	55.7#



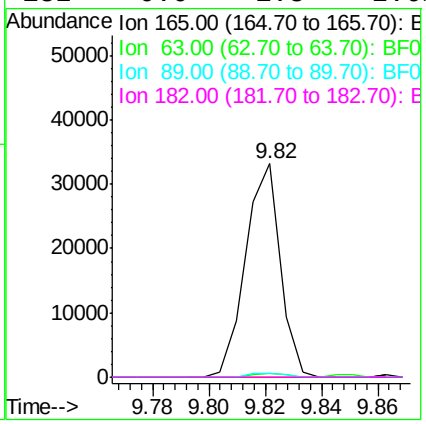


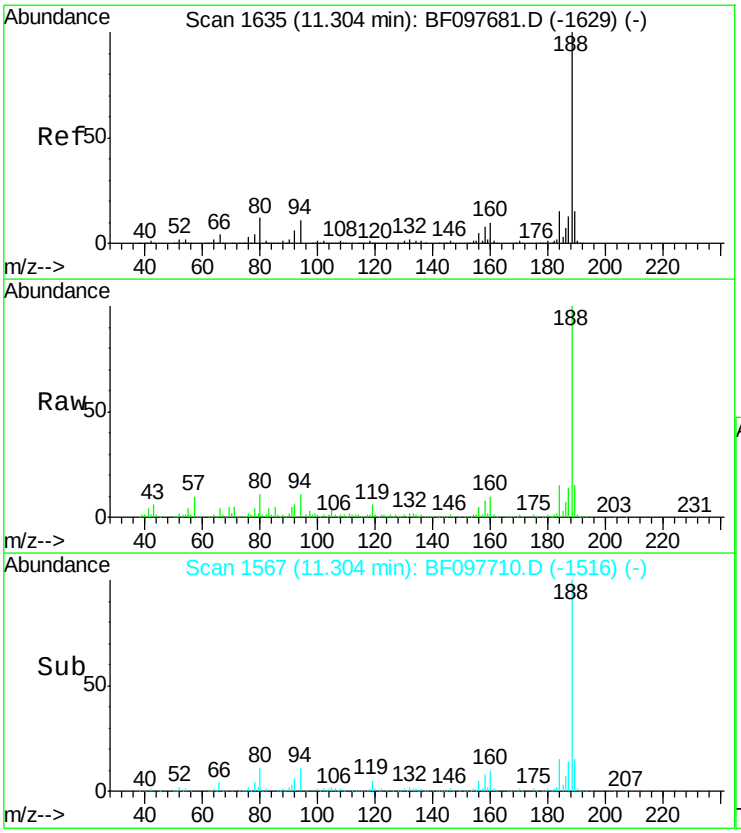
#56
2,4-Dinitrotoluene
Concen: 7.28 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.18 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:165 Resp: 28309

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

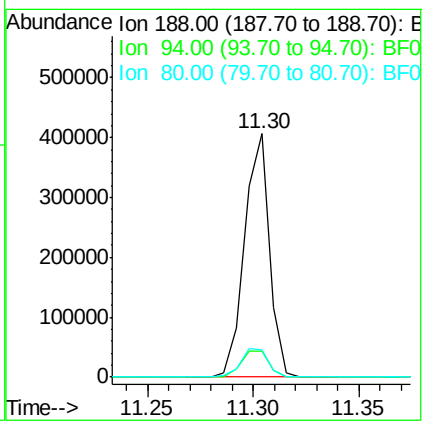


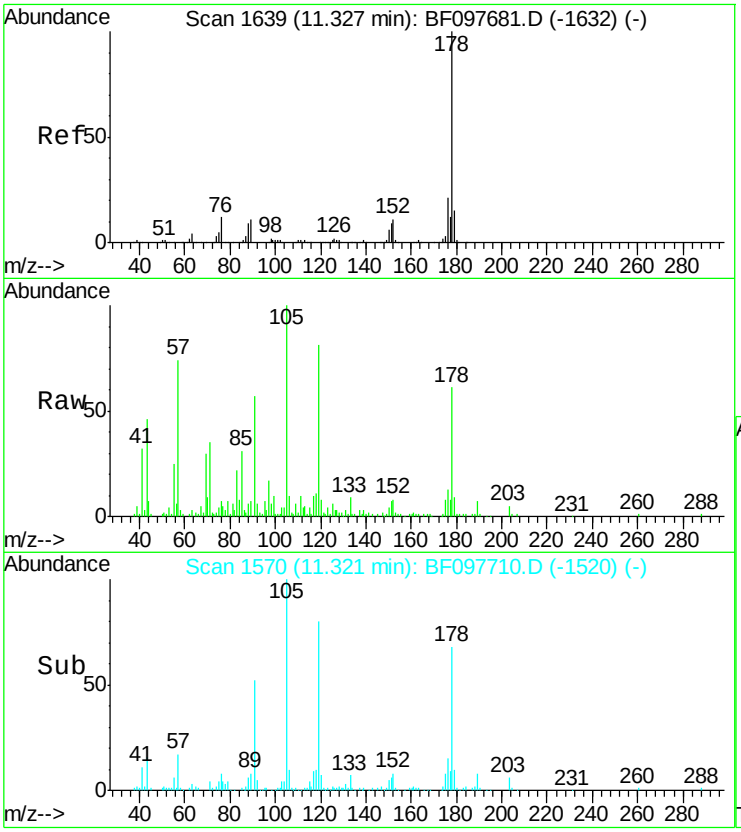


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:188 Resp: 332288

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.4	10.2	15.2



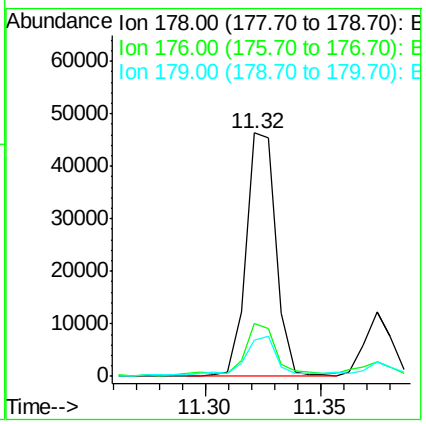


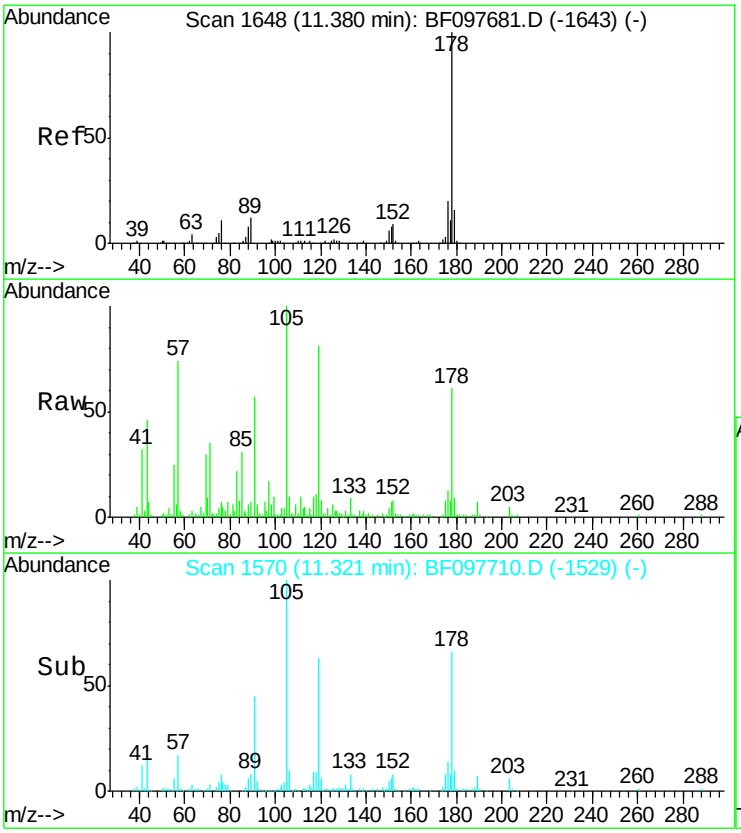
#70
Phenanthrene
Concen: 2.37 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:178 Resp: 41878

Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.2	24.4
179	15.1	12.6	19.0

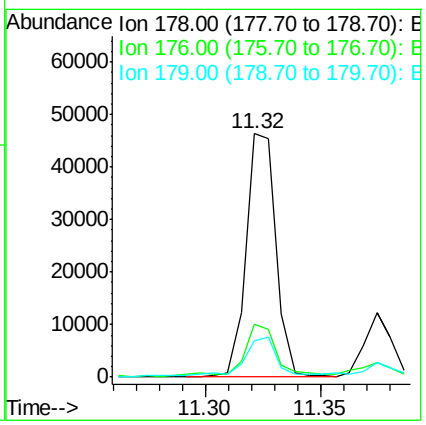


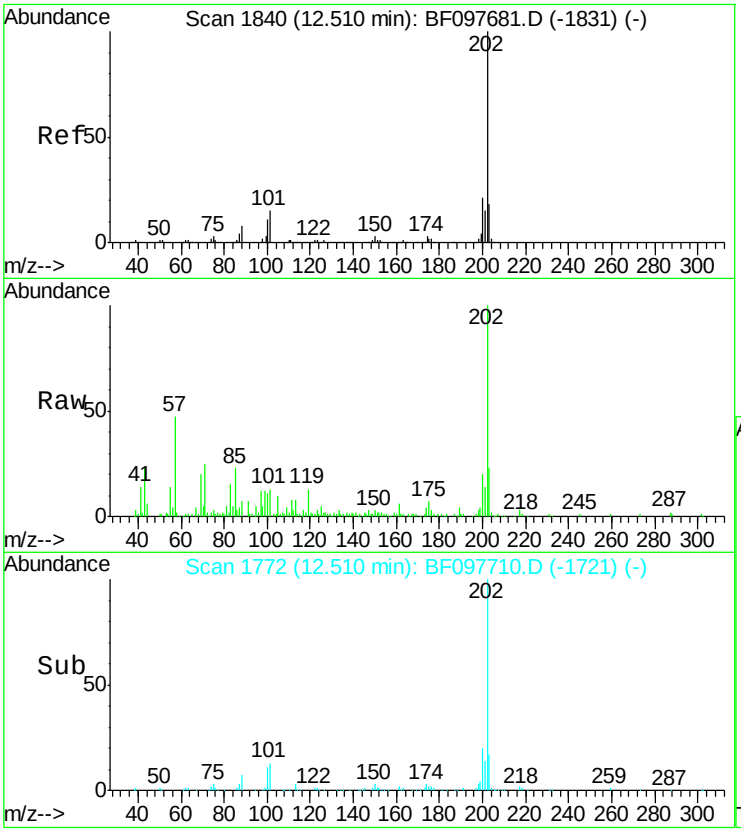


#71
Anthracene
Concen: 2.33 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.06 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:178 Resp: 41878

Ion	Ratio	Lower	Upper
178	100		
176	21.8	15.8	23.8
179	15.1	12.7	19.1



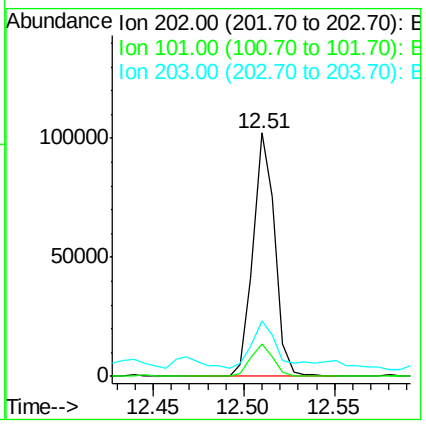


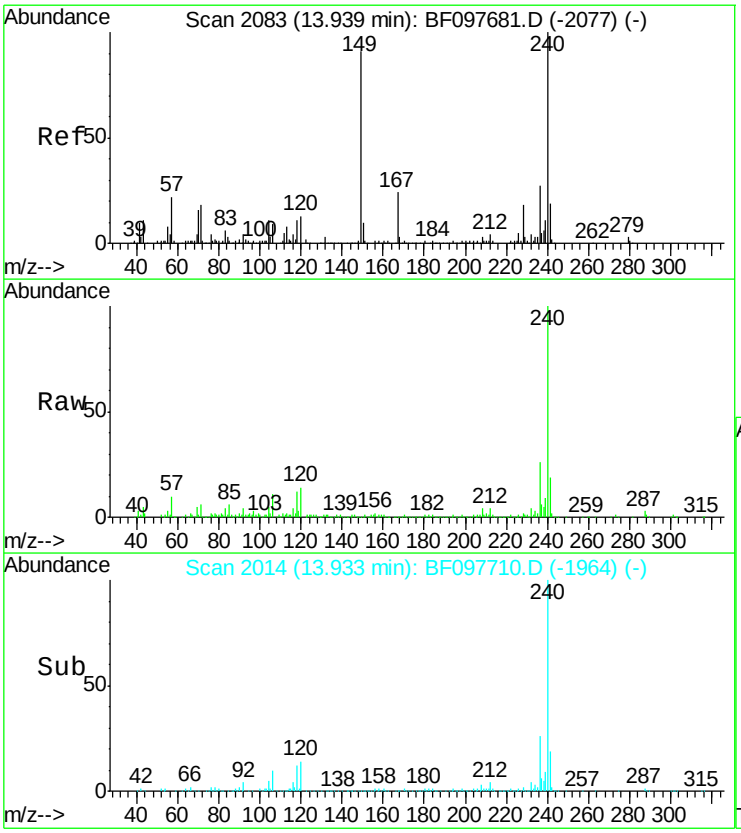
#74
Fluoranthene
Concen: 4.60 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:202 Resp: 85081

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	22.7	0.0	38.1

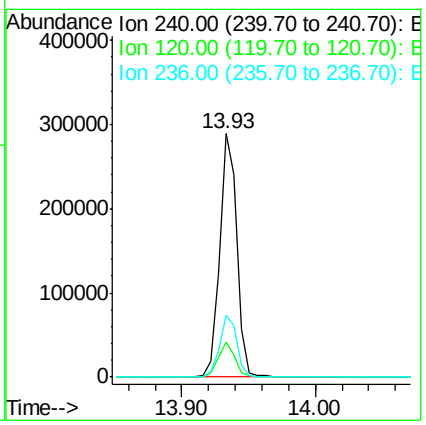


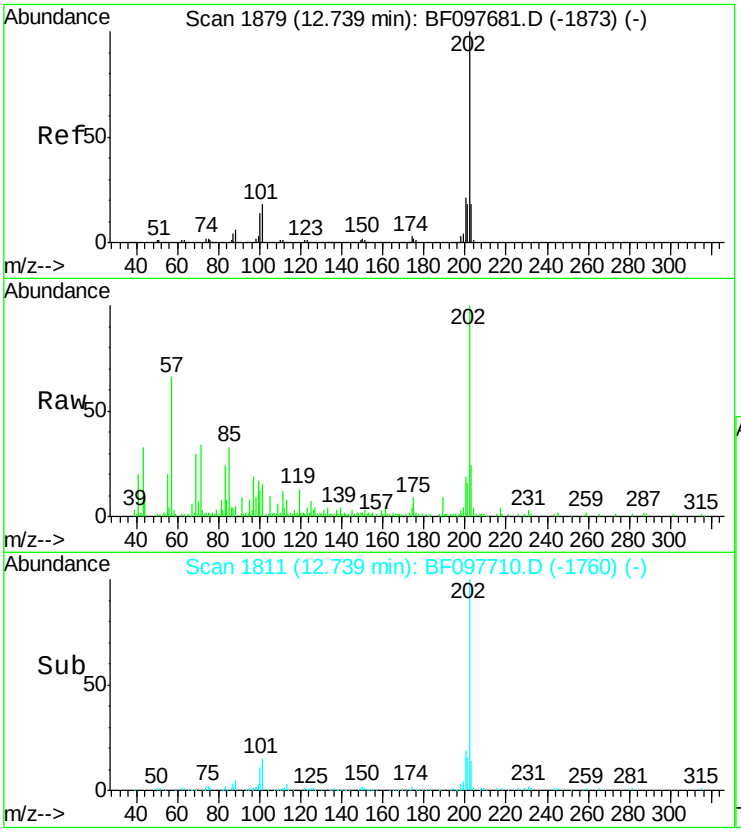


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:240 Resp: 262209

Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	25.6	20.5	30.7



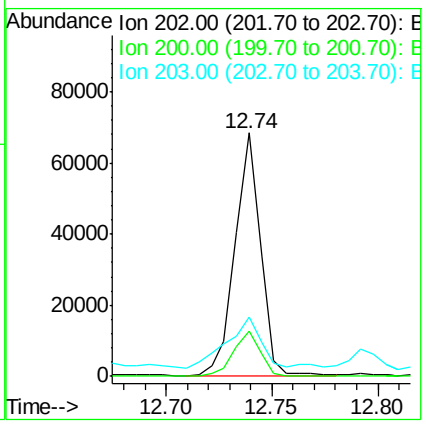


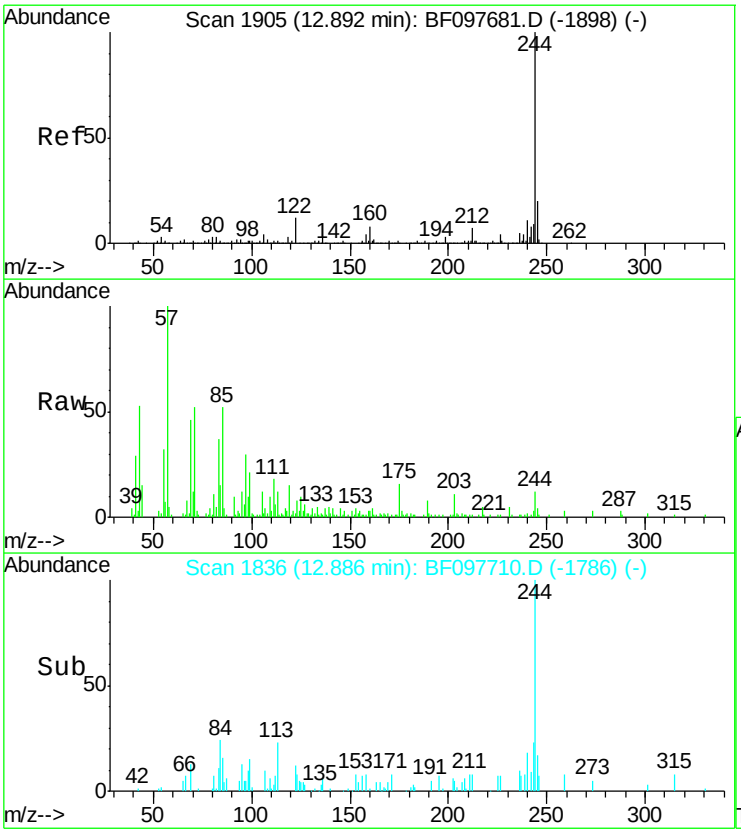
#77
Pyrene
Concen: 2.69 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:202 Resp: 57688

Ion	Ratio	Lower	Upper
202	100		
200	18.5	17.6	26.4
203	24.4	14.4	21.6#

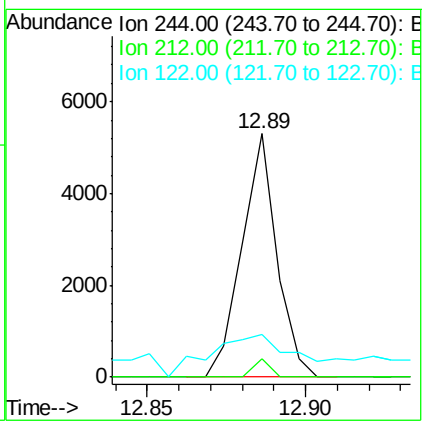


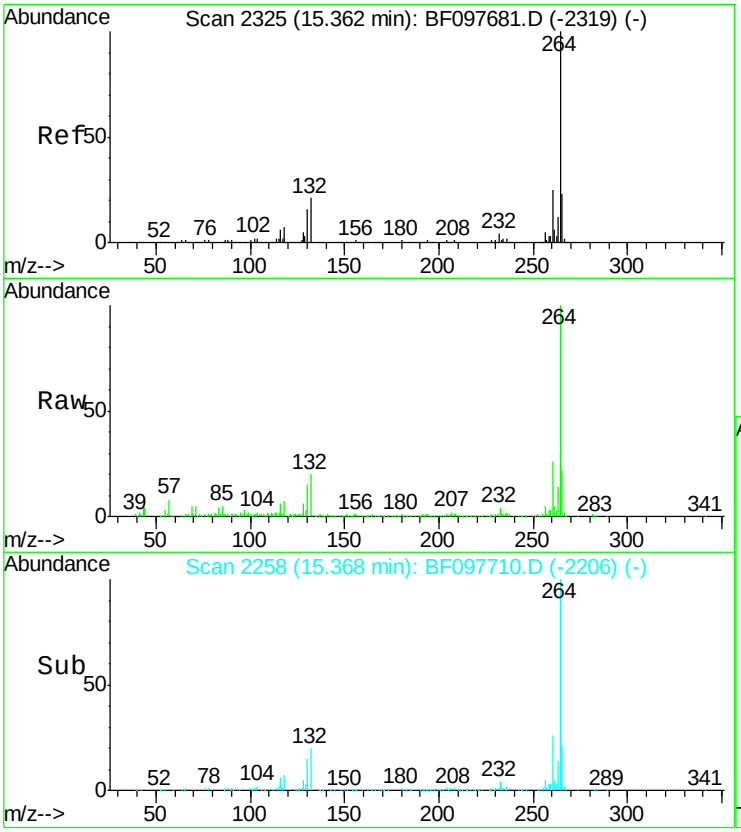


#78
Terphenyl-d14
Concen: 0.32 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Tgt Ion:244 Resp: 4039

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	17.8	10.3	15.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097710.D
Acq: 16 Aug 2017 00:16

Instrument :
BNA_F
ClientSampleId :
HAMILTON-PL-WATER-60

Tgt Ion:264 Resp: 241721

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	21.5	17.2	25.8