Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
Data File : BE094434.D
Acq On : 17 Oct 2017 18:00
Operator : SJ/JU
Sample : I5275-06
Misc : LOQ 0.2 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : LOQ-WATER-06-QT4-2017

Quant Time: Oct 17 20:19:33 2017
Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1237	0.40	ng		-0.02
7) Naphthalene-d8	10.71	136	6534	0.40	ng		0.00
13) Acenaphthene-d10	14.52	164	4044	0.40	ng		0.00
19) Phenanthrene-d10	17.27	188	7213	0.40	ng		0.00
27) Chrysene-d12	21.43	240	9755	0.40	ng		0.00
34) Perylene-d12	23.96	264	9280	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.51	112	1481	0.35	ng		0.00
5) Phenol-d6	7.12	99	2110	0.32	ng		0.00
8) Nitrobenzene-d5	9.08	82	2001	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.29	152	3848	0.38	ng		0.00
14) 2,4,6-Tribromophenol	16.03	330	434	0.28	ng		0.00
15) 2-Fluorobiphenyl	13.16	172	5291	0.37	ng		0.02
25) Fluoranthene-d10	19.29	212	40435	0.35	ng		0.00
29) Terphenyl-d14	19.87	244	6818	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	525	0.212	ng	#	78
3) n-Nitrosodimethylamine	3.75	42	360	0.167	ng	#	88
6) bis(2-Chloroethyl)ether	7.34	93	898	0.186	ng		87
9) Naphthalene	10.76	128	14765	0.202	ng		99
10) Hexachlorobutadiene	11.01	225	580	0.199	ng		96
12) 2-Methylnaphthalene	12.36	142	2499	0.207	ng		99
16) Acenaphthylene	14.24	152	4246	0.194	ng		100
17) Acenaphthene	14.58	154	2745	0.199	ng		98
18) Fluorene	15.58	166	3471	0.195	ng		97
20) 4-Bromophenyl-phenylether	16.45	248	763	0.211	ng	#	60
21) Hexachlorobenzene	16.58	284	1230	0.189	ng	#	59
22) Pentachlorophenol	17.04	266	78	0.259	ng		97
23) Phenanthrene	17.30	178	6033	0.212	ng		98
24) Anthracene	17.30	178	6018	0.274	ng		97
26) Fluoranthene	19.32	202	6537	0.186	ng		99
28) Pyrene	19.67	202	6951	0.189	ng		100
30) Benzo(a)anthracene	21.40	228	6527	0.193	ng	#	66
31) Chrysene	21.46	228	6491	0.200	ng	#	69
32) Bis(2-ethylhexyl)phthalate	21.29	149	17983	0.185	ng		100
33) Indeno(1,2,3-cd)pyrene	26.65	276	6432	0.197	ng		99
35) Benzo(b)fluoranthene	23.18	252	6107	0.194	ng	#	48
36) Benzo(k)fluoranthene	23.23	252	6344	0.205	ng	#	49
37) Benzo(a)pyrene	23.84	252	5711	0.193	ng	#	44
38) Dibenzo(a,h)anthracene	26.65	278	5413	0.193	ng	#	55
39) Benzo(g,h,i)perylene	27.48	276	5315	0.197	ng	#	64

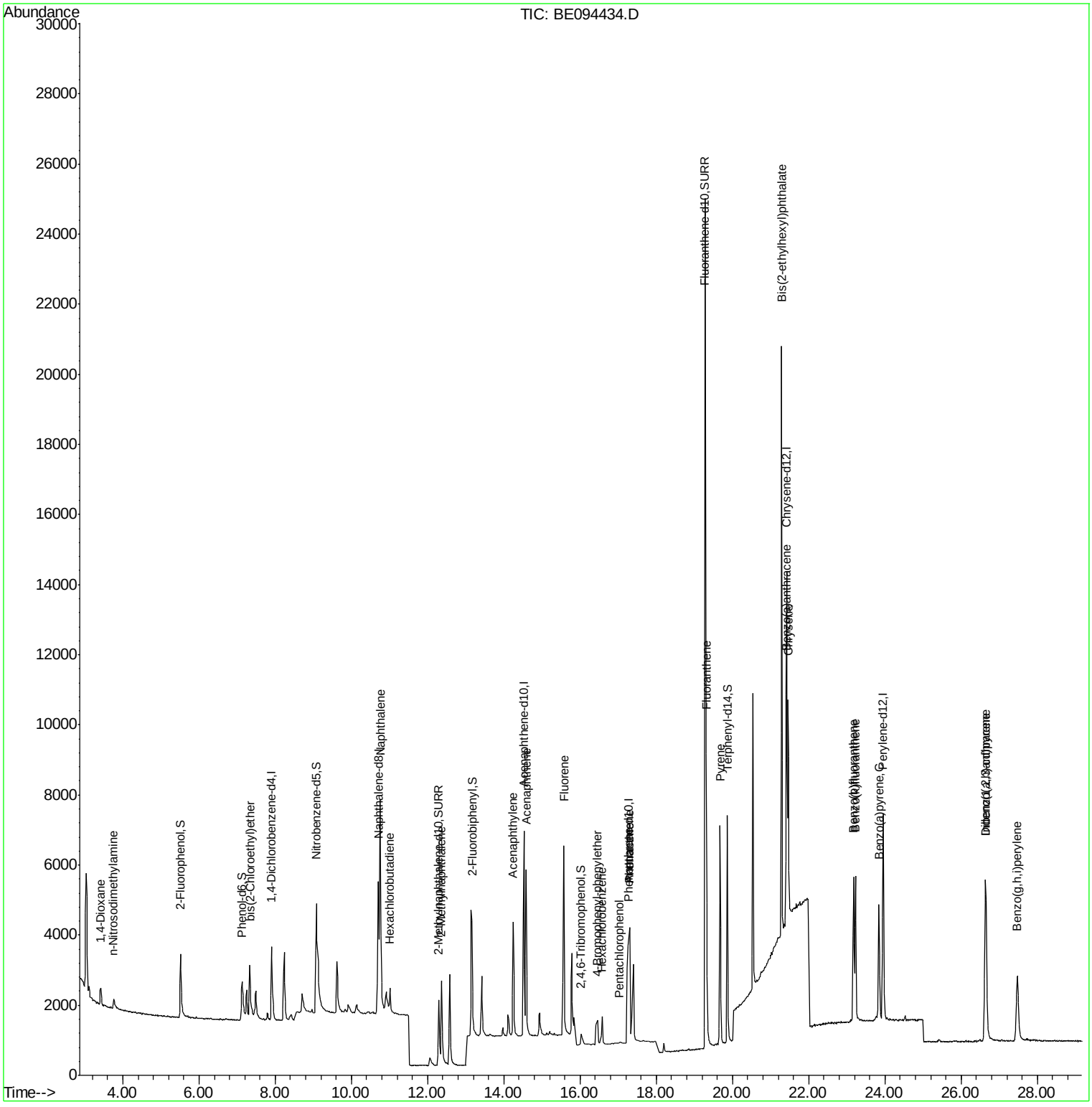
(#) = qualifier out of range (m) = manual integration (+) = signals summed

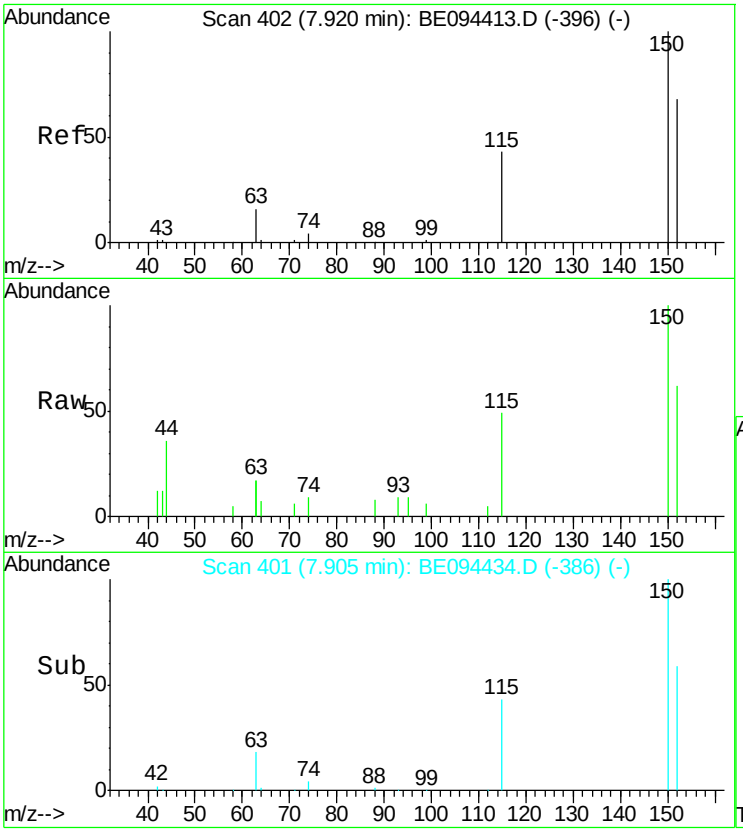
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE101717\
Data File : BE094434.D
Acq On : 17 Oct 2017 18:00
Operator : SJ/JU
Sample : I5275-06
Misc : LOQ 0.2 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Quant Time: Oct 17 20:19:33 2017
Quant Method : Z:\HPCHEM1\BNA_E\Methods\8270-SIM-BE101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 14:54:40 2017
Response via : Initial Calibration



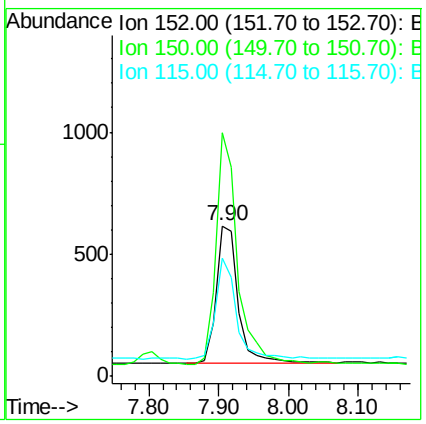


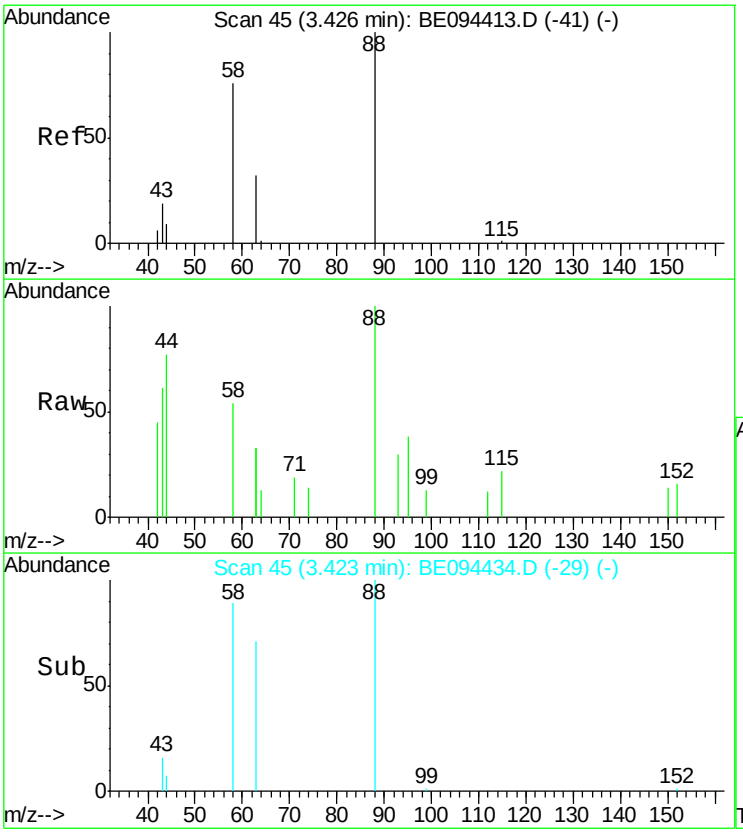
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.90 min Scan# 401
Delta R.T. -0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:152 Resp: 1237

Ion	Ratio	Lower	Upper
152	100		
150	161.6	117.2	175.8
115	78.8	57.0	85.6

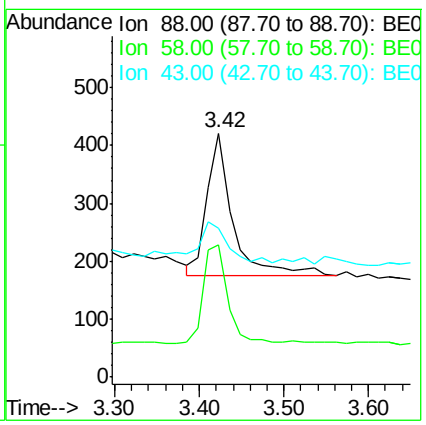


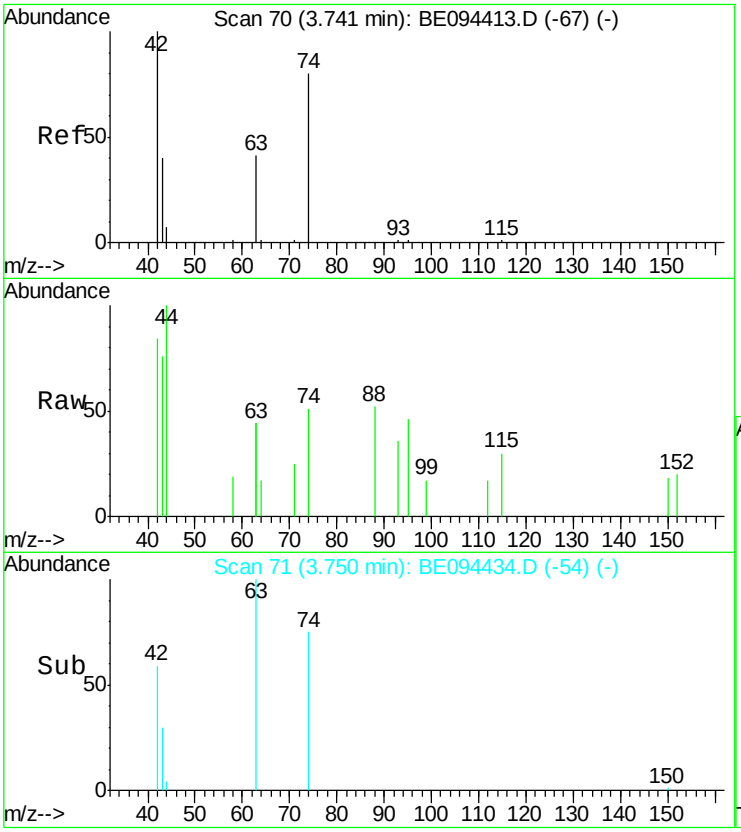


#2
1,4-Dioxane
Concen: 0.212 ng
RT: 3.42 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion: 88 Resp: 525

Ion	Ratio	Lower	Upper
88	100		
58	66.1	63.2	94.8
43	28.6	41.2	61.8#



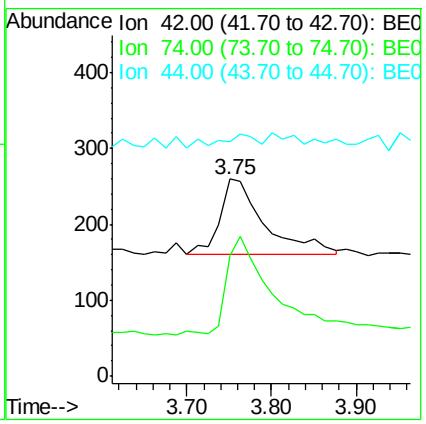


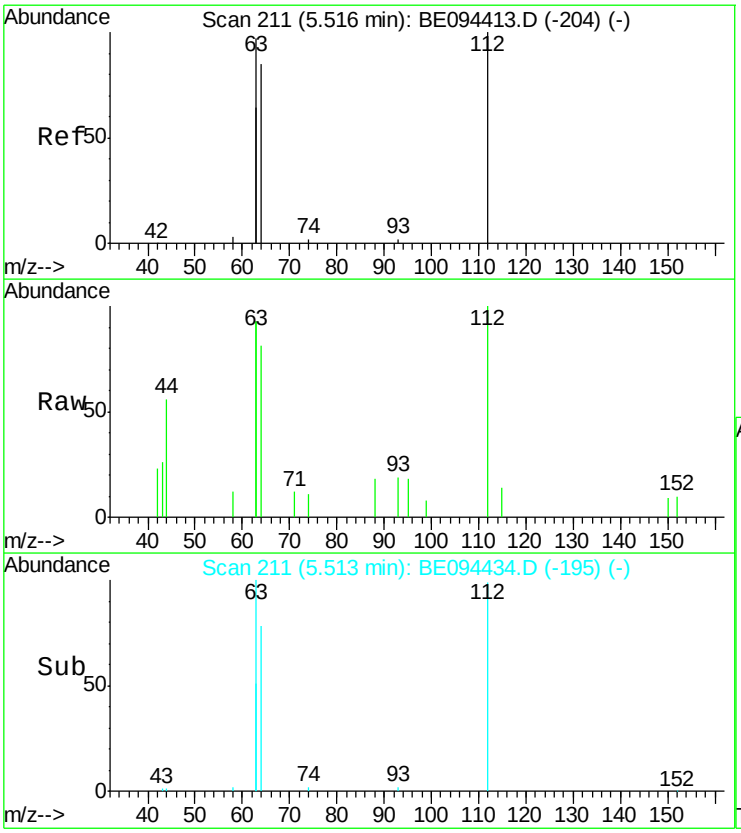
#3
n-Nitrosodimethylamine
Concen: 0.167 ng
RT: 3.75 min Scan# 71
Delta R.T. 0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion: 42 Resp: 360

Ion	Ratio	Lower	Upper
42	100		
74	137.5	100.3	150.5
44	12.8	17.0	25.4#

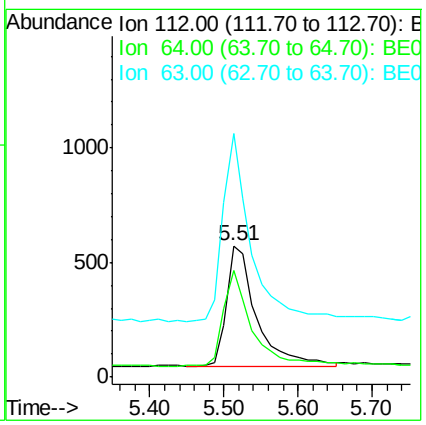


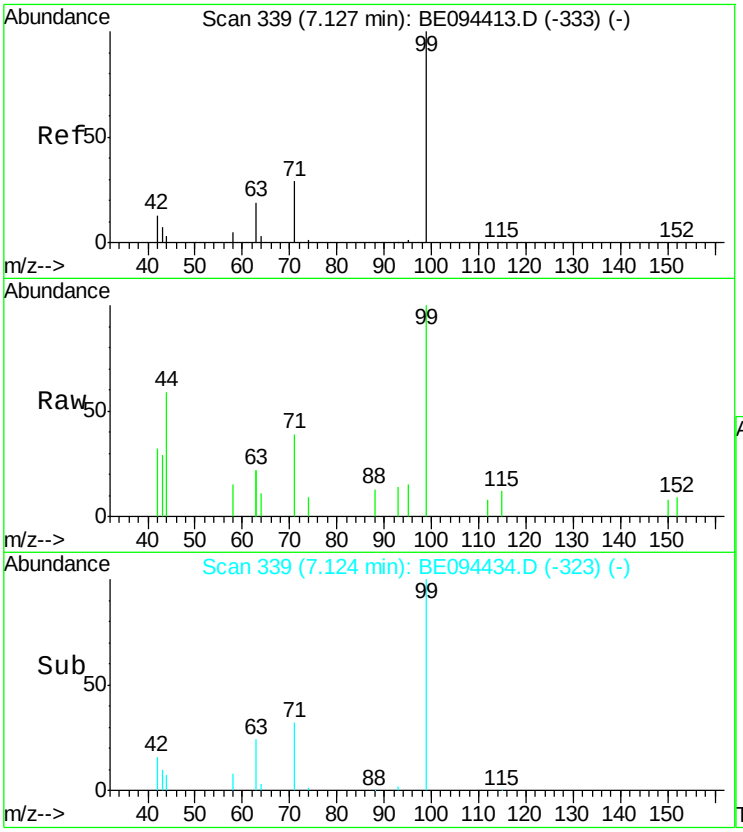


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.51 min Scan# 211
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:112 Resp: 1481

Ion	Ratio	Lower	Upper
112	100		
64	74.5	60.1	90.1
63	144.6	116.8	175.2



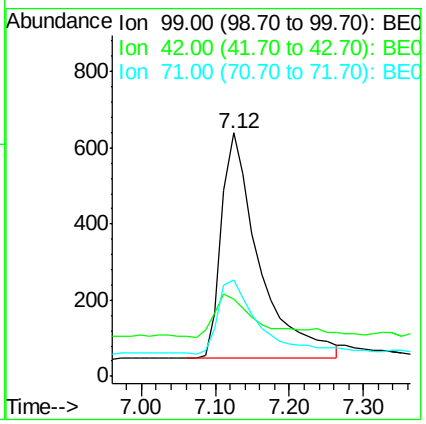


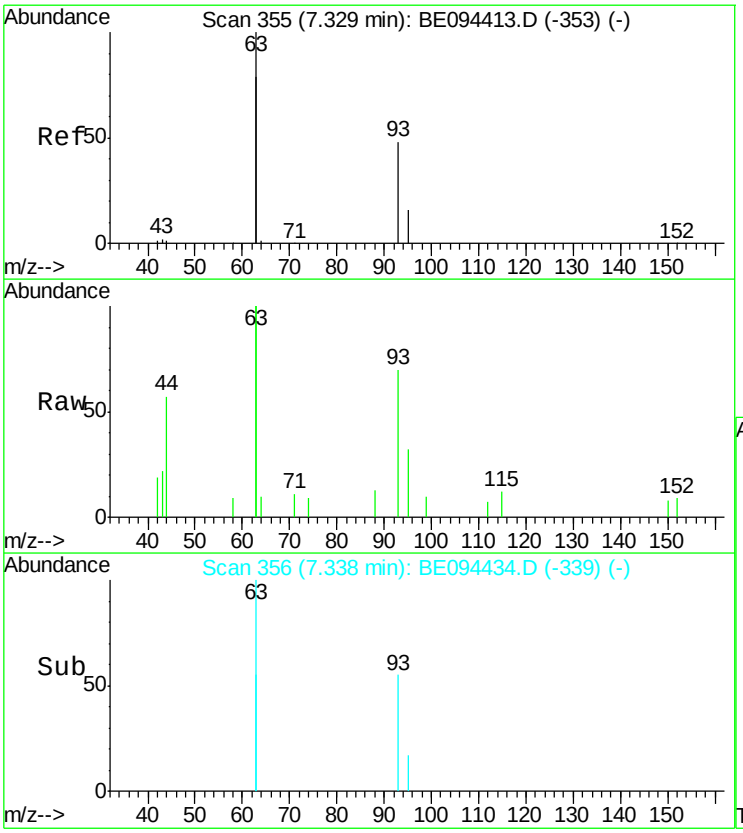
#5
Phenol-d6
Concen: 0.324 ng
RT: 7.12 min Scan# 339
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion: 99 Resp: 2110

Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.2	30.2
71	33.6	28.4	42.6

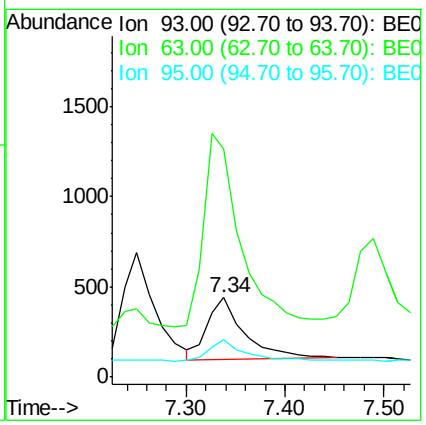


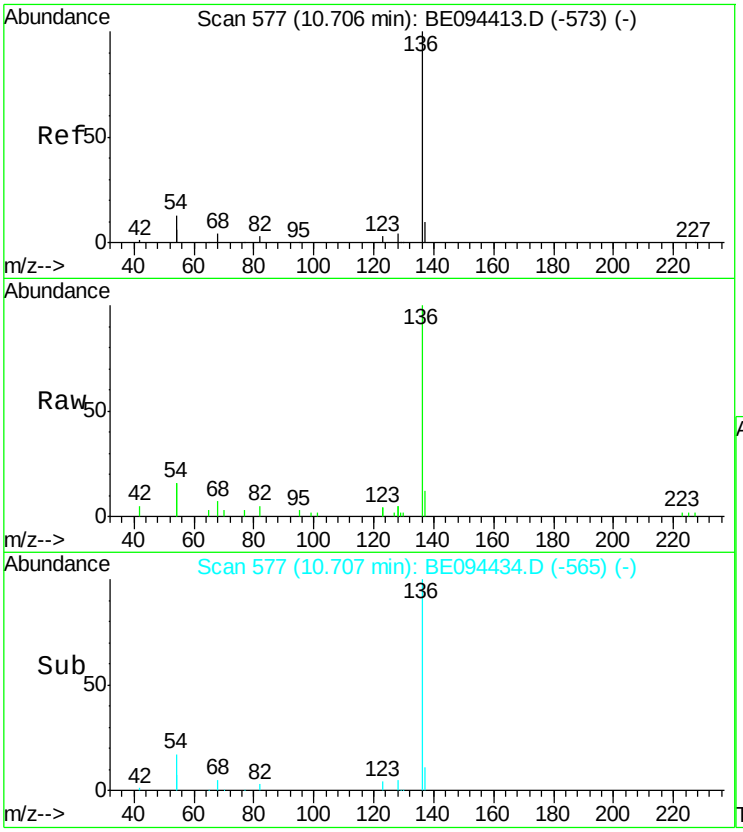


#6
bis(2-Chloroethyl)ether
Concen: 0.186 ng
RT: 7.34 min Scan# 356
Delta R.T. 0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion: 93 Resp: 898

Ion	Ratio	Lower	Upper
93	100		
63	313.3	275.3	412.9
95	33.5	25.2	37.8



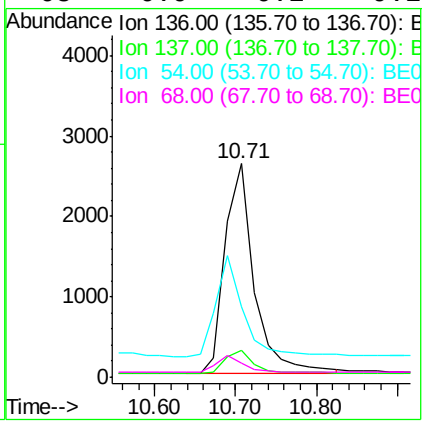


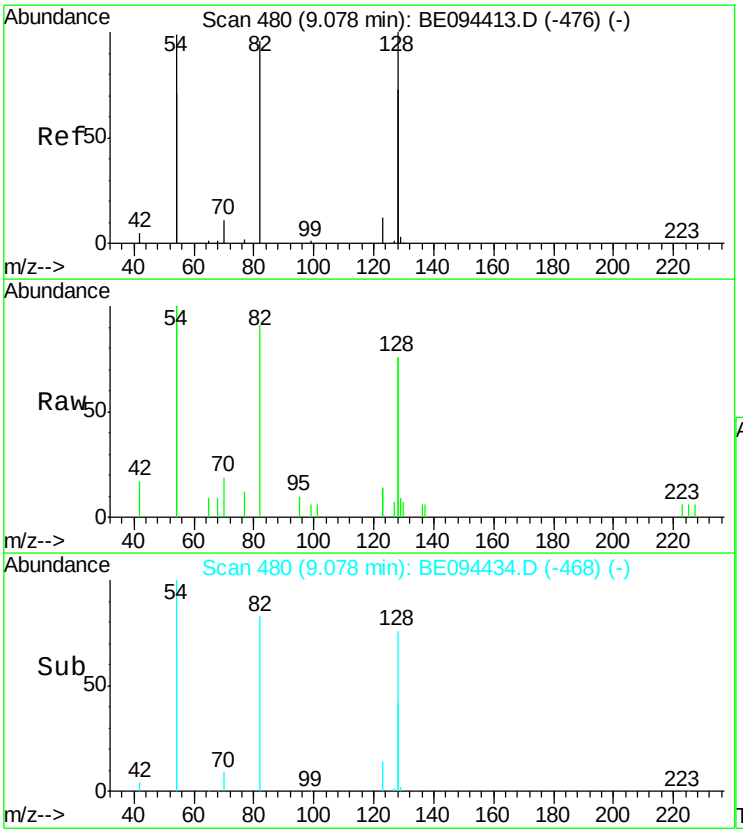
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.71 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:136 Resp: 6534

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	32.7	29.1	43.7
68	6.9	6.2	9.2

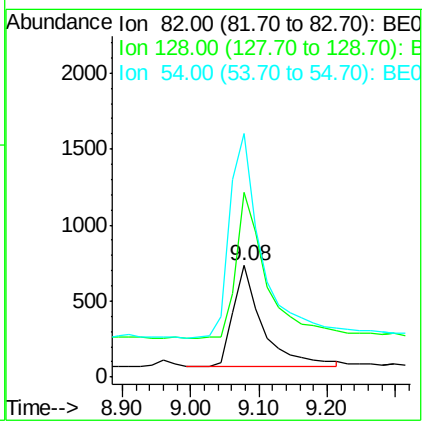


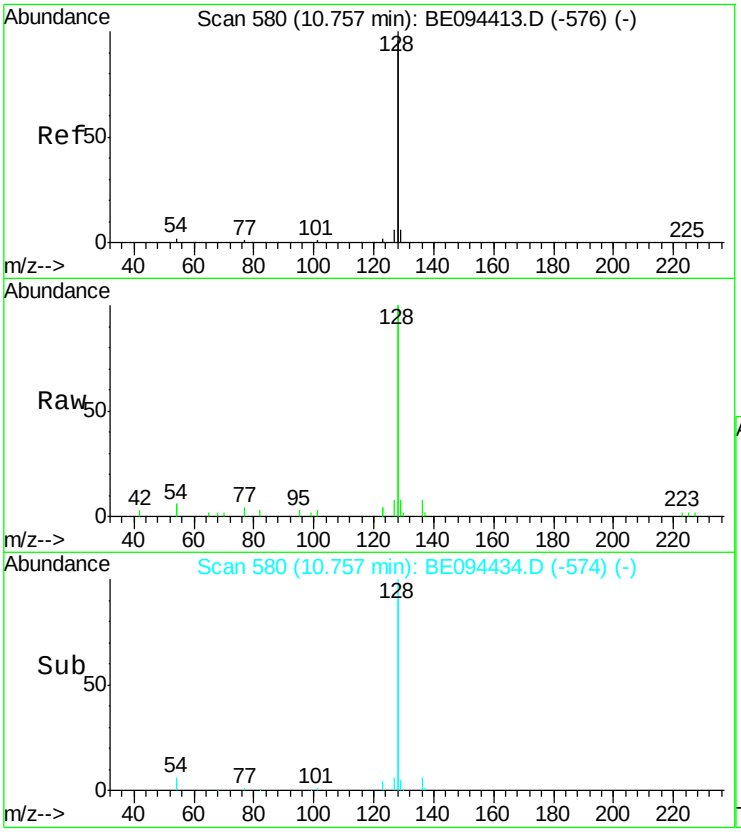


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.08 min Scan# 480
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion: 82 Resp: 2001

Ion	Ratio	Lower	Upper
82	100		
128	165.6	150.0	225.0
54	218.9	154.2	231.4



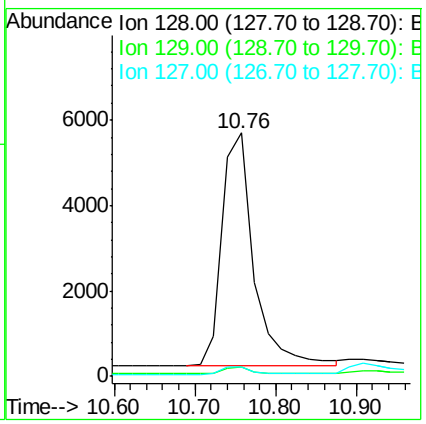


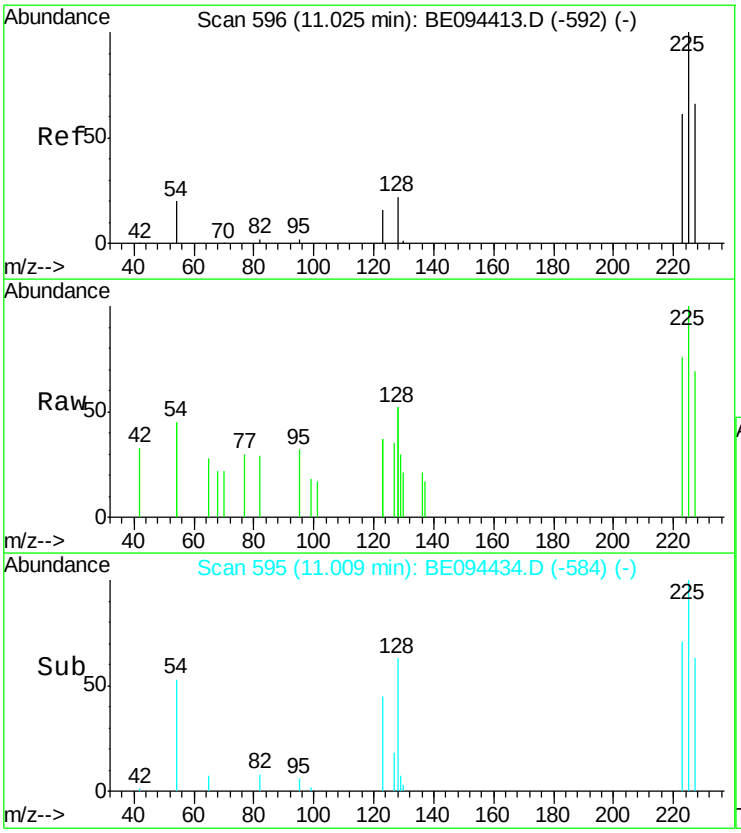
#9
Naphthalene
Concen: 0.202 ng
RT: 10.76 min Scan# 580
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:128 Resp: 14765

Ion	Ratio	Lower	Upper
128	100		
129	3.8	2.6	3.8
127	3.9	2.8	4.2

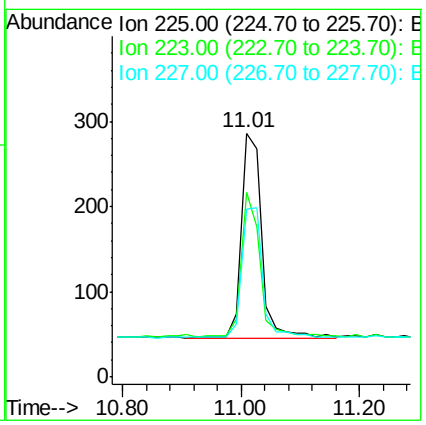


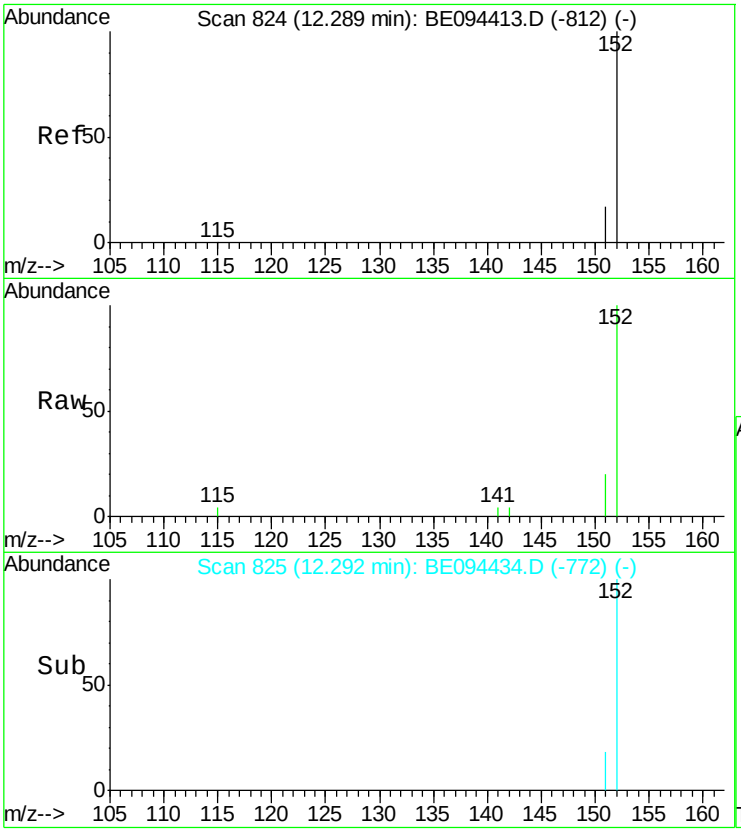


#10
Hexachlorobutadiene
Concen: 0.199 ng
RT: 11.01 min Scan# 595
Delta R.T. -0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:225 Resp: 580

Ion	Ratio	Lower	Upper
225	100		
223	60.7	53.0	79.6
227	64.7	51.4	77.2



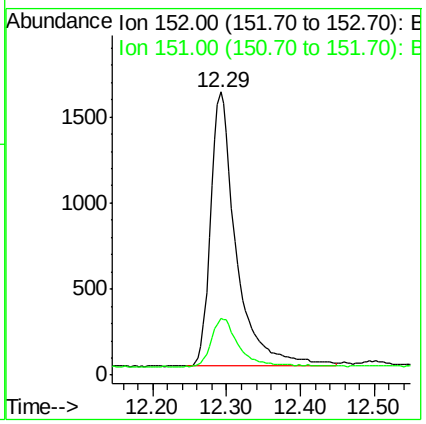


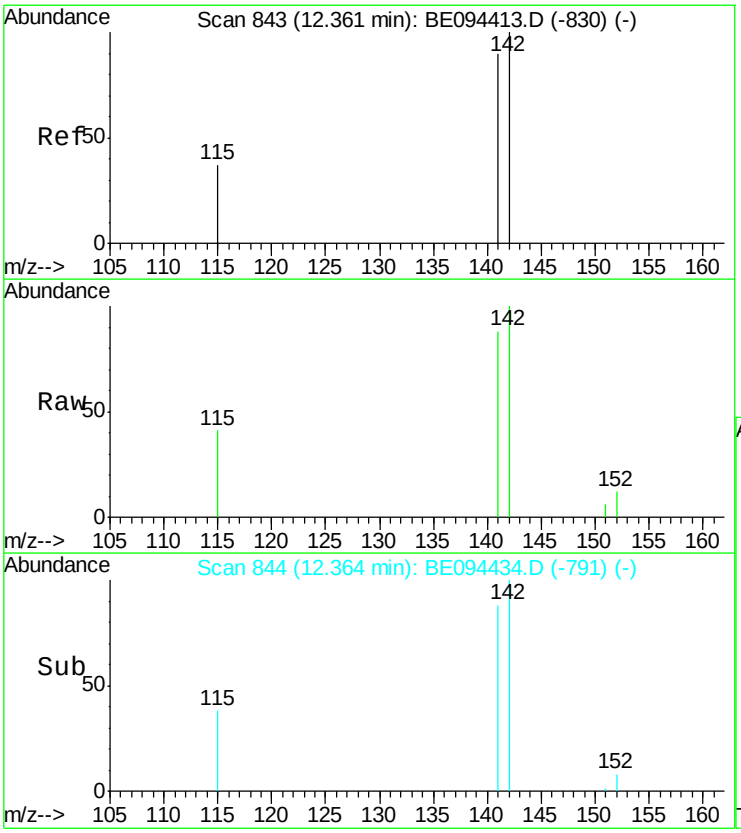
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.29 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:152 Resp: 3848

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

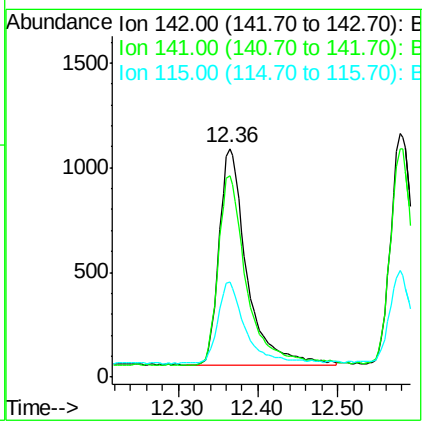


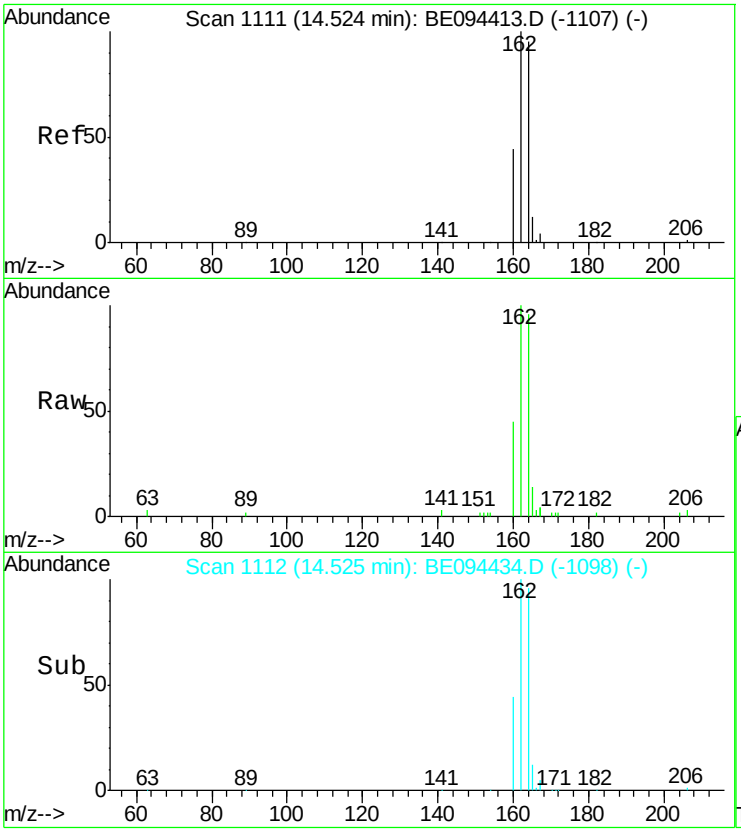


#12
2-Methylnaphthalene
Concen: 0.207 ng
RT: 12.36 min Scan# 844
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:142 Resp: 2499

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.4	105.6
115	41.5	31.7	47.5



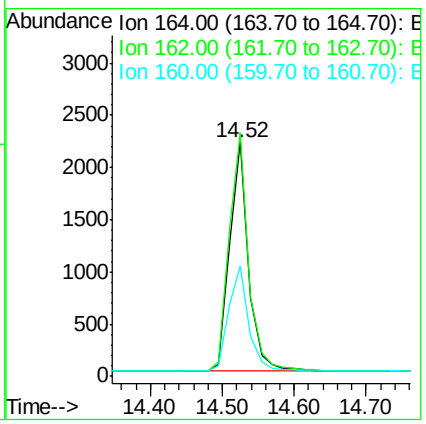


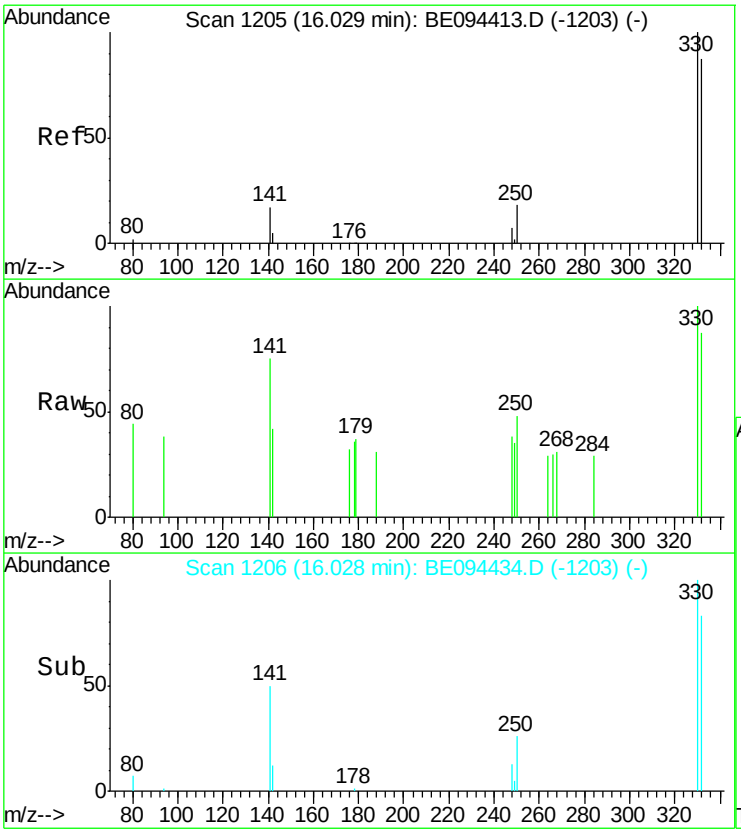
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:164 Resp: 4044

Ion	Ratio	Lower	Upper
164	100		
162	104.0	83.1	124.7
160	47.1	37.1	55.7

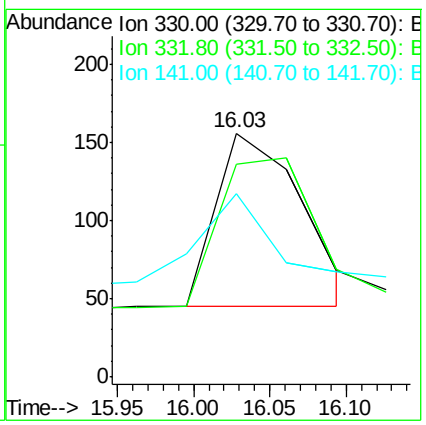


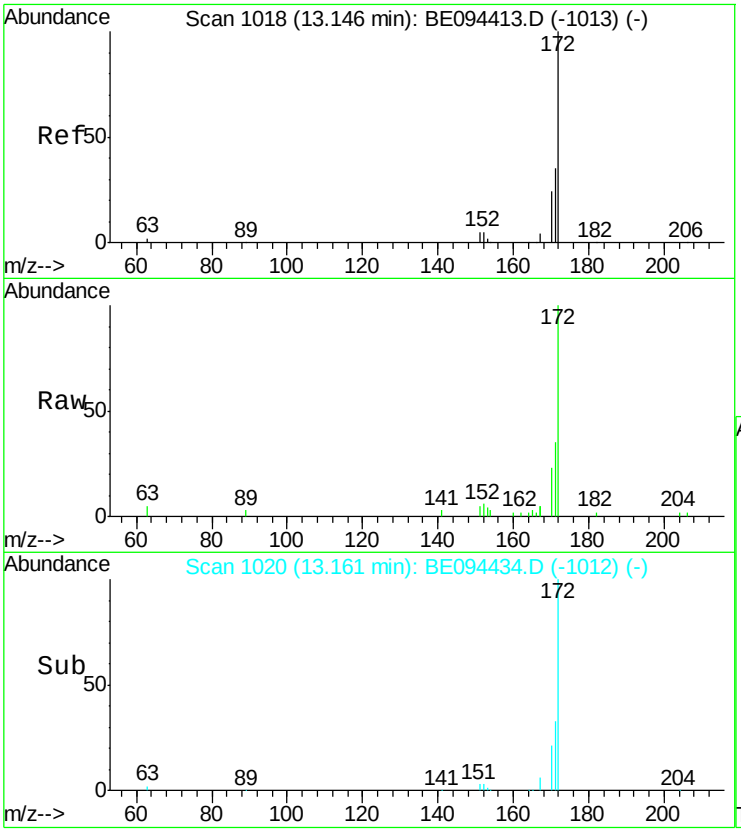


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:330 Resp: 434

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	25.3	33.7	50.5#



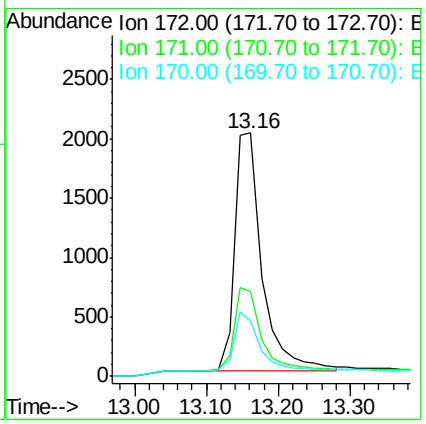


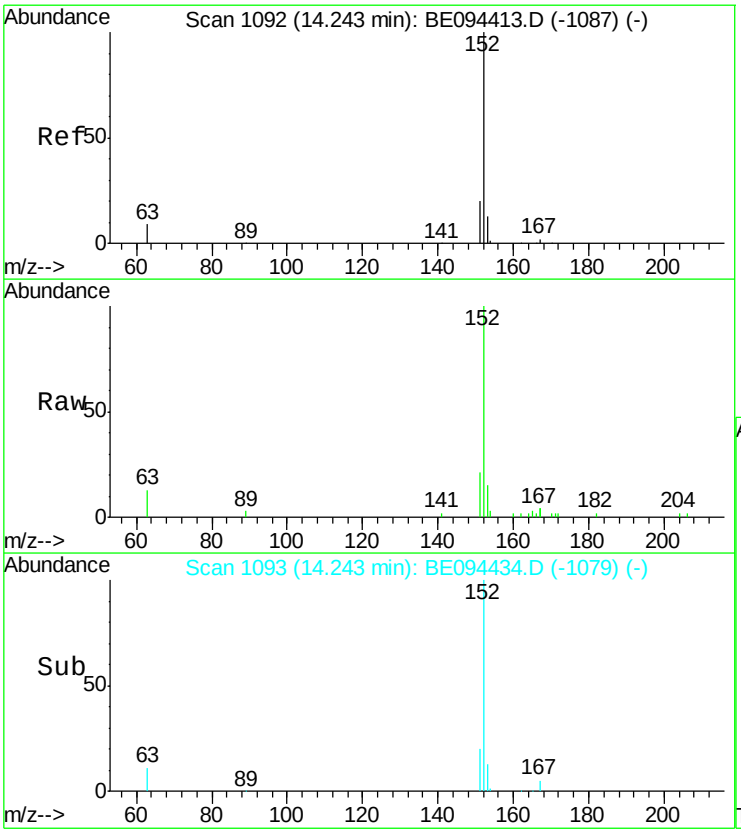
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.16 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:172 Resp: 5291

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.9	44.9
170	22.9	21.8	32.8

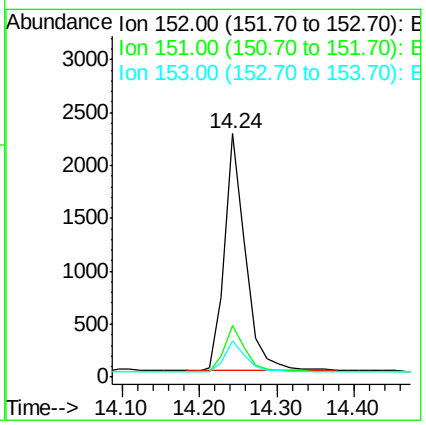


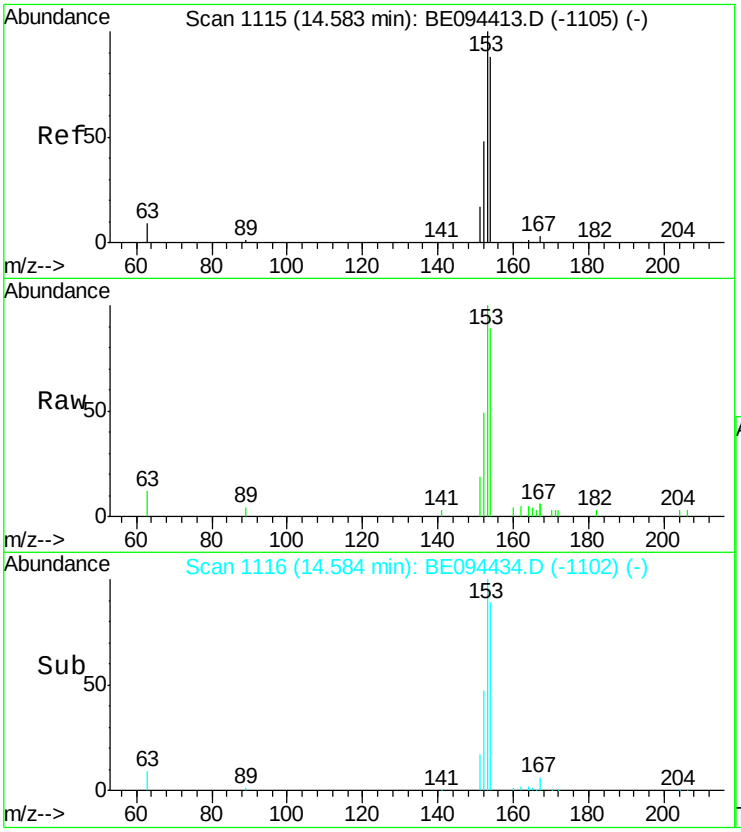


#16
Acenaphthylene
Concen: 0.194 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:152 Resp: 4246

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.1	10.5	15.7



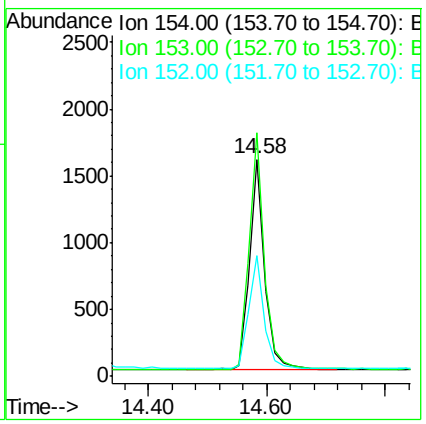


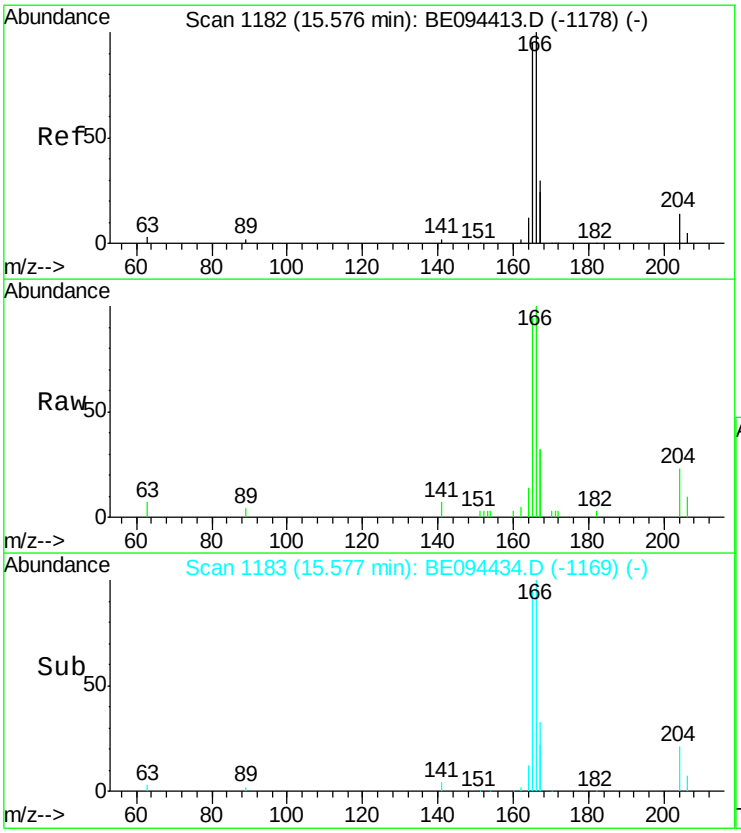
#17
Acenaphthene
Concen: 0.199 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:154 Resp: 2745

Ion	Ratio	Lower	Upper
154	100		
153	113.1	89.2	133.8
152	54.9	42.0	63.0

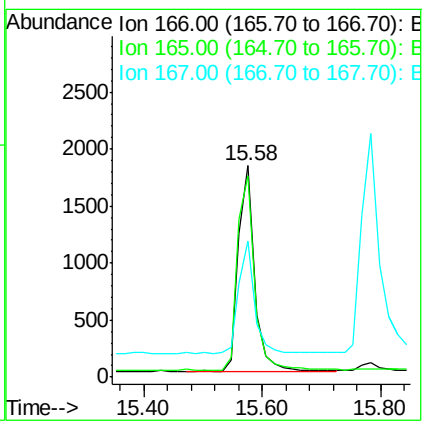


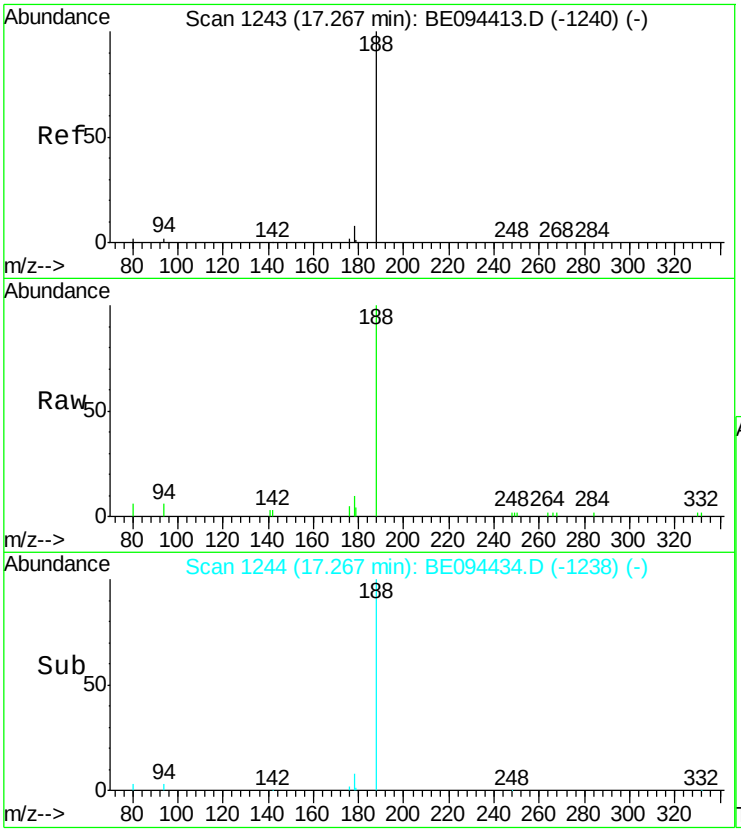


#18
Fluorene
Concen: 0.195 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:166 Resp: 3471

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.8	116.6
167	55.6	42.4	63.6



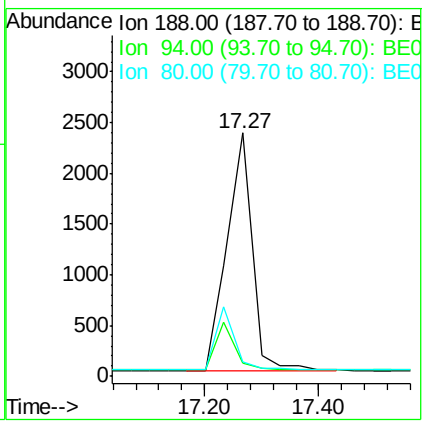


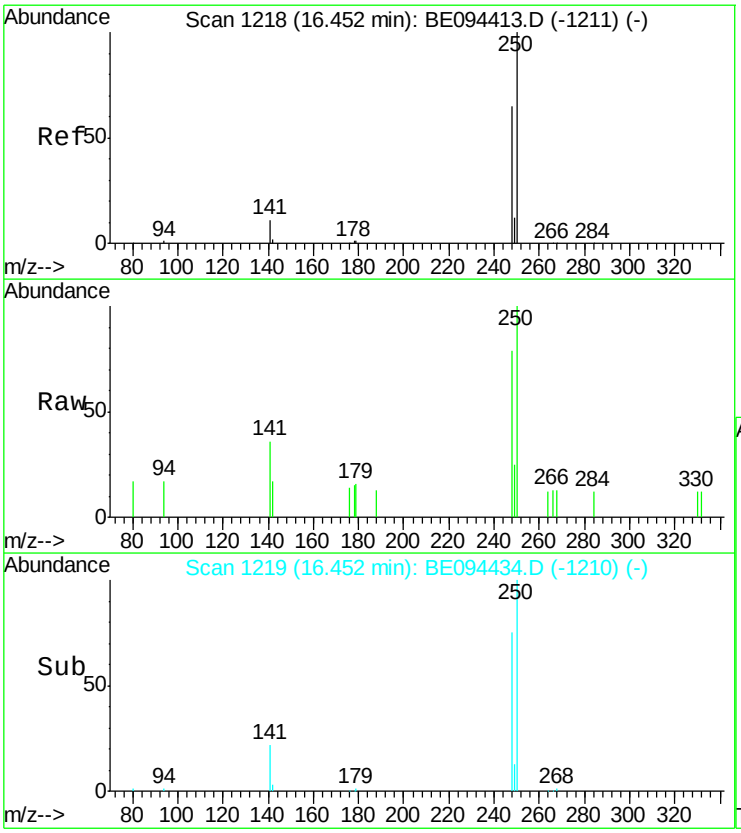
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:188 Resp: 7213

Ion	Ratio	Lower	Upper
188	100		
94	5.7	3.9	5.9
80	5.7	3.6	5.4#

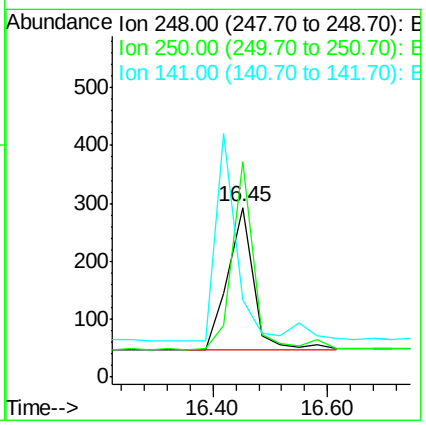


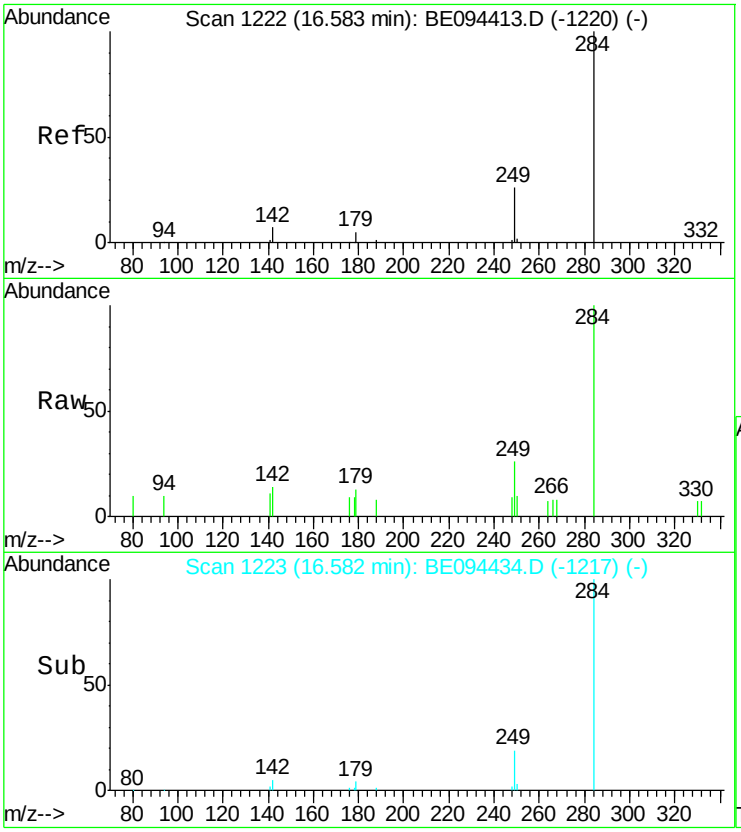


#20
4-Bromophenyl-phenylether
Concen: 0.211 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:248 Resp: 763

Ion	Ratio	Lower	Upper
248	100		
250	127.3	62.7	94.1#
141	45.4	48.2	72.2#



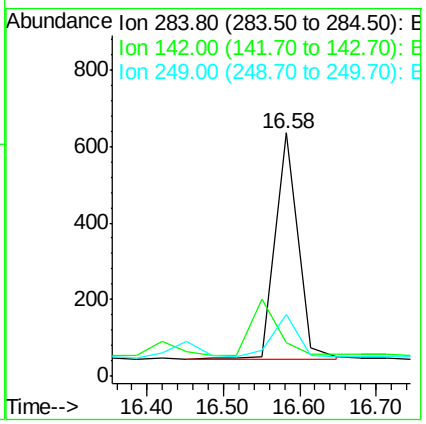


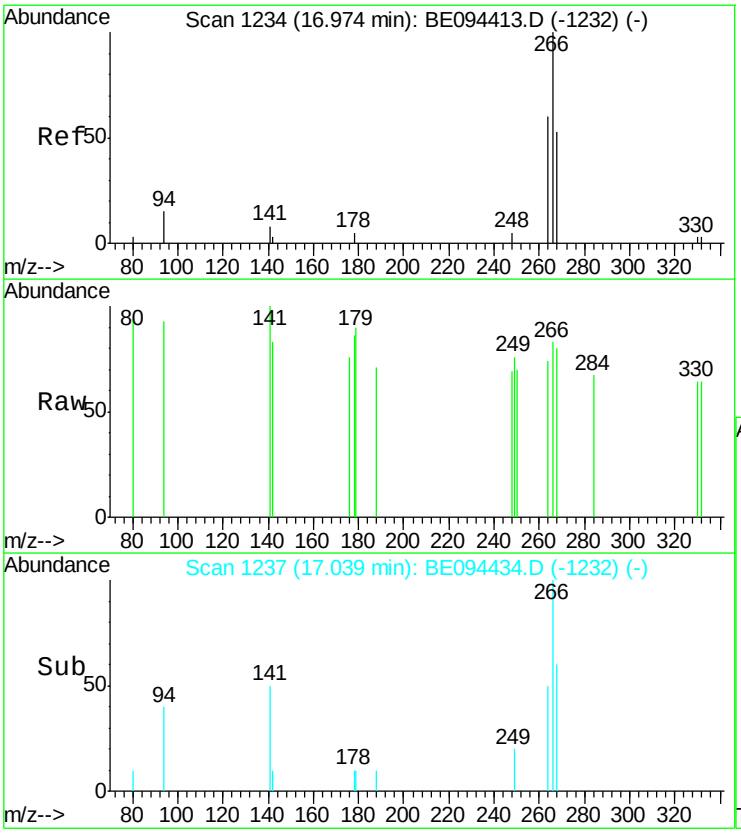
#21
Hexachlorobenzene
Concen: 0.189 ng
RT: 16.58 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:284 Resp: 1230

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.1	33.1#
249	22.1	34.8	52.2#

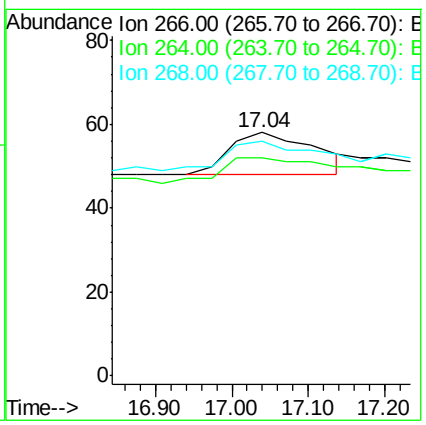


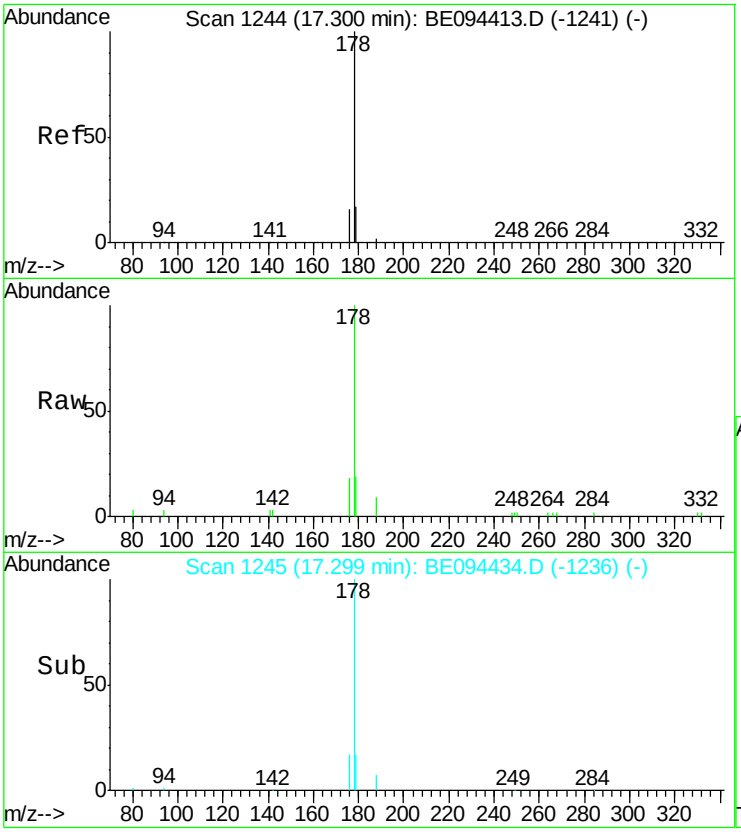


#22
Pentachlorophenol
Concen: 0.259 ng
RT: 17.04 min Scan# 1237
Delta R.T. 0.07 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
264	89.7	72.5	108.7
268	96.6	73.8	110.6



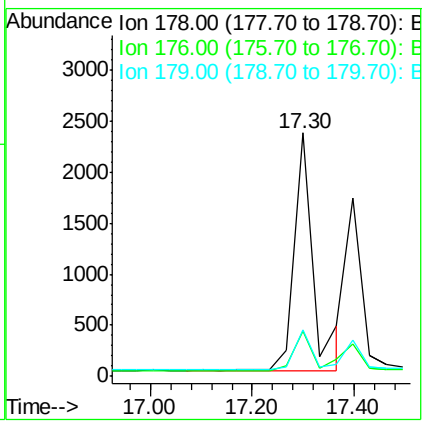


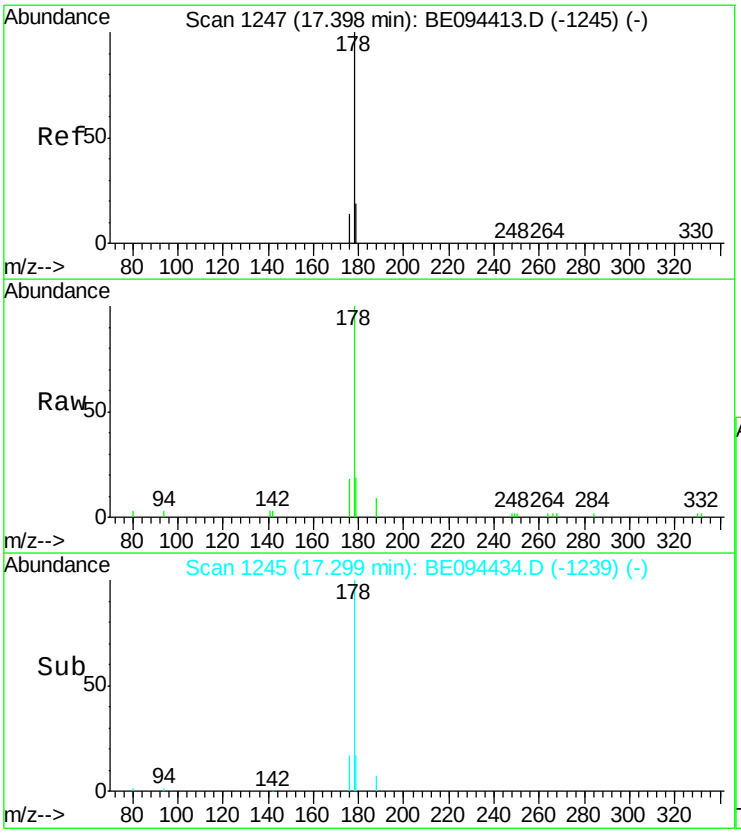
#23
Phenanthrene
Concen: 0.212 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:178 Resp: 6033

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	16.3	11.8	17.6

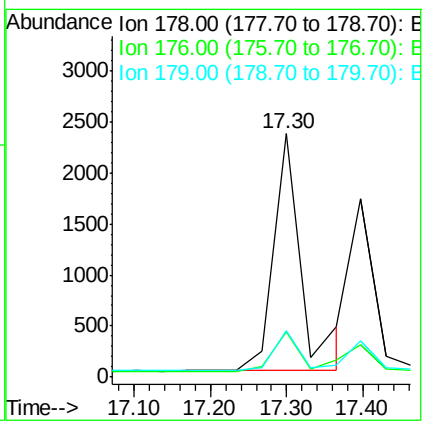


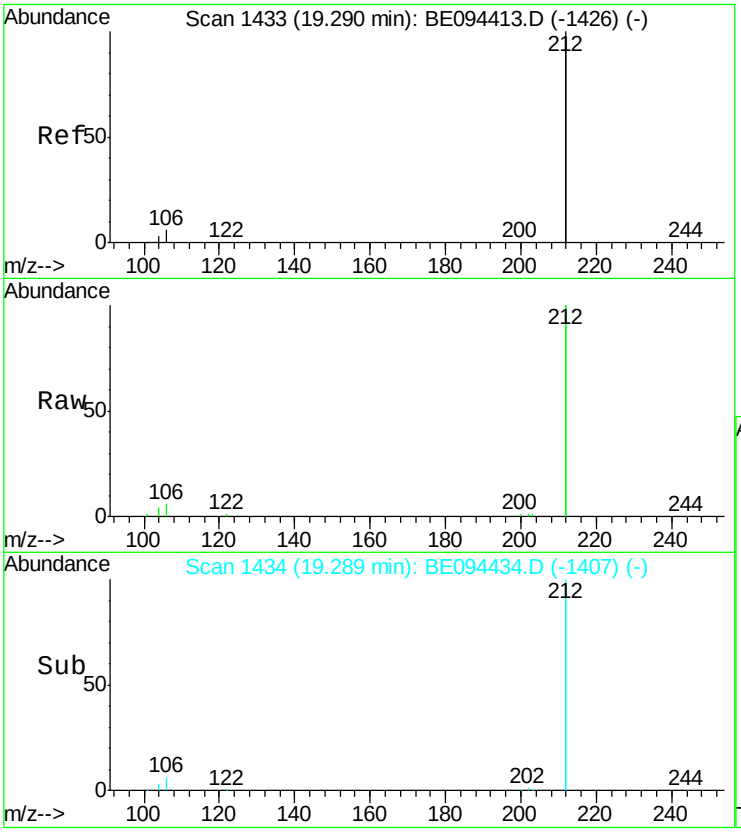


#24
Anthracene
Concen: 0.274 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.10 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:178 Resp: 6018

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	16.1	13.0	19.6



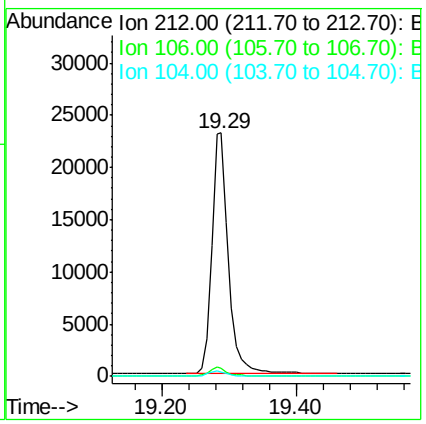


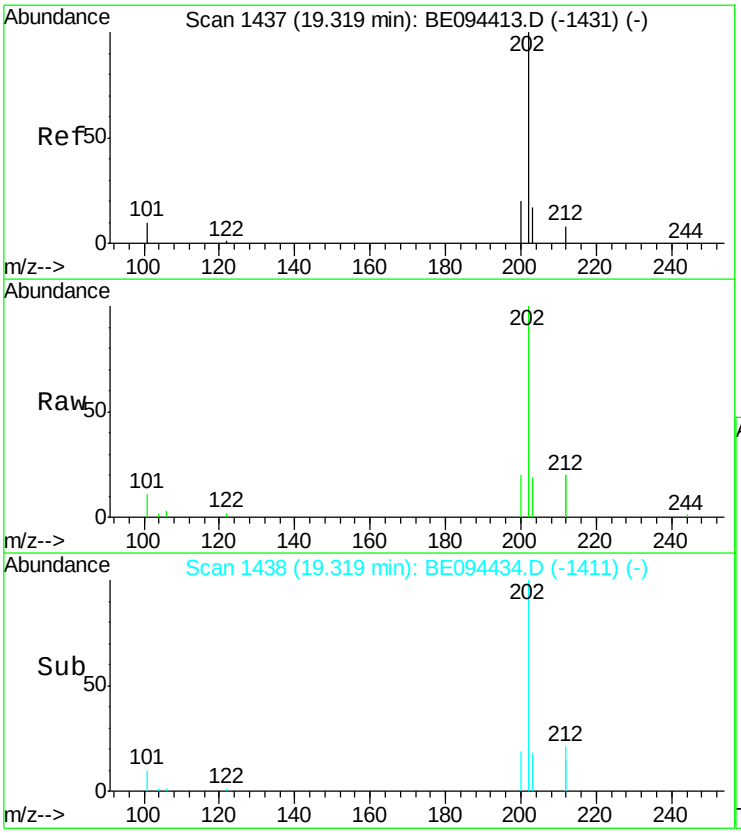
#25
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.29 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:212 Resp: 40435

Ion	Ratio	Lower	Upper
212	100		
106	3.4	2.8	4.2
104	1.9	1.6	2.4

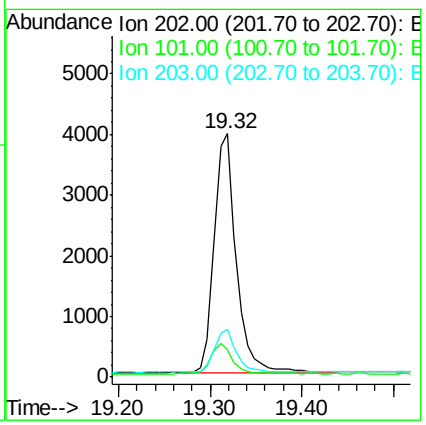


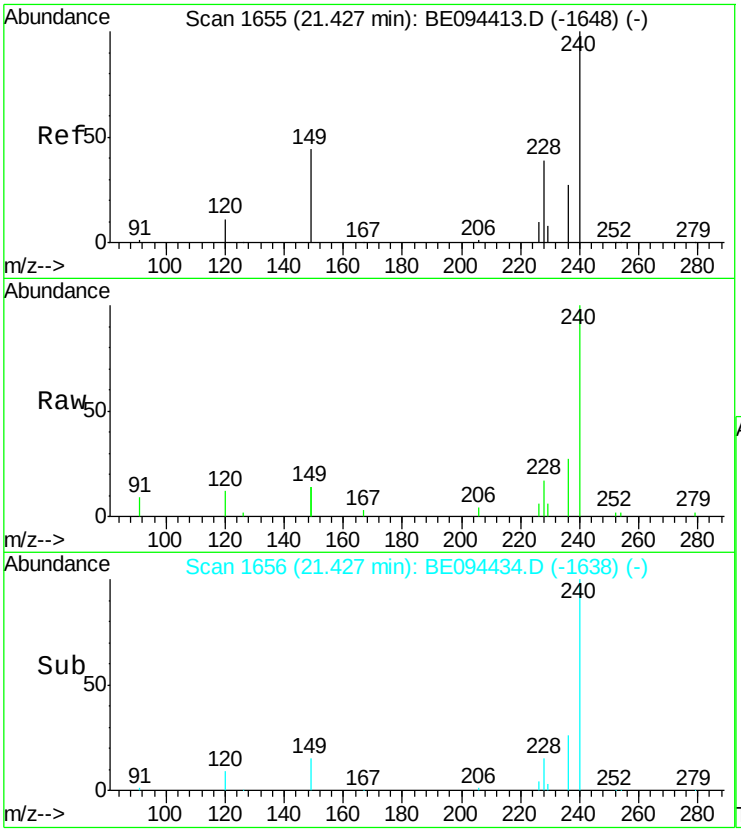


#26
Fluoranthene
Concen: 0.186 ng
RT: 19.32 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:202 Resp: 6537

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.8
203	17.2	13.7	20.5



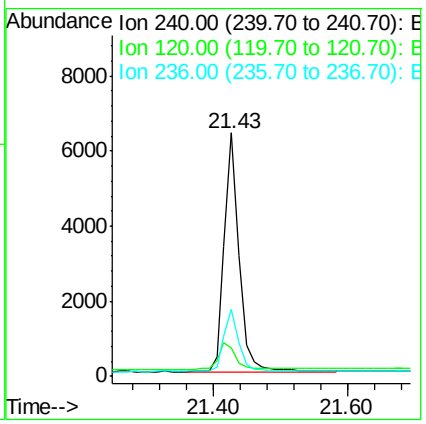


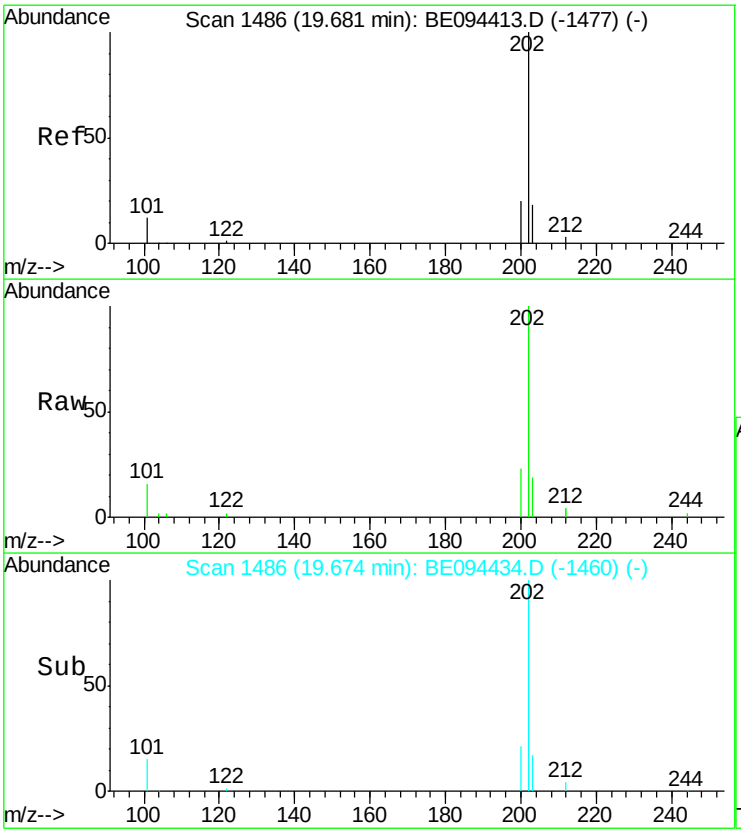
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:240 Resp: 9755

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.5	8.3#
236	27.4	20.7	31.1

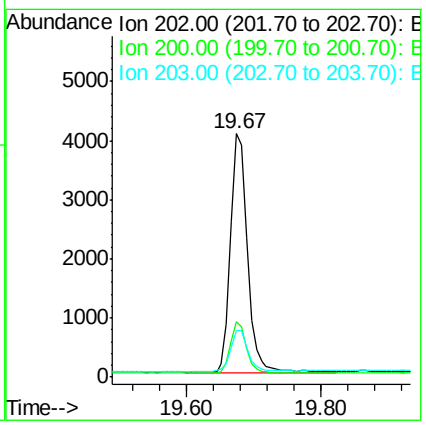


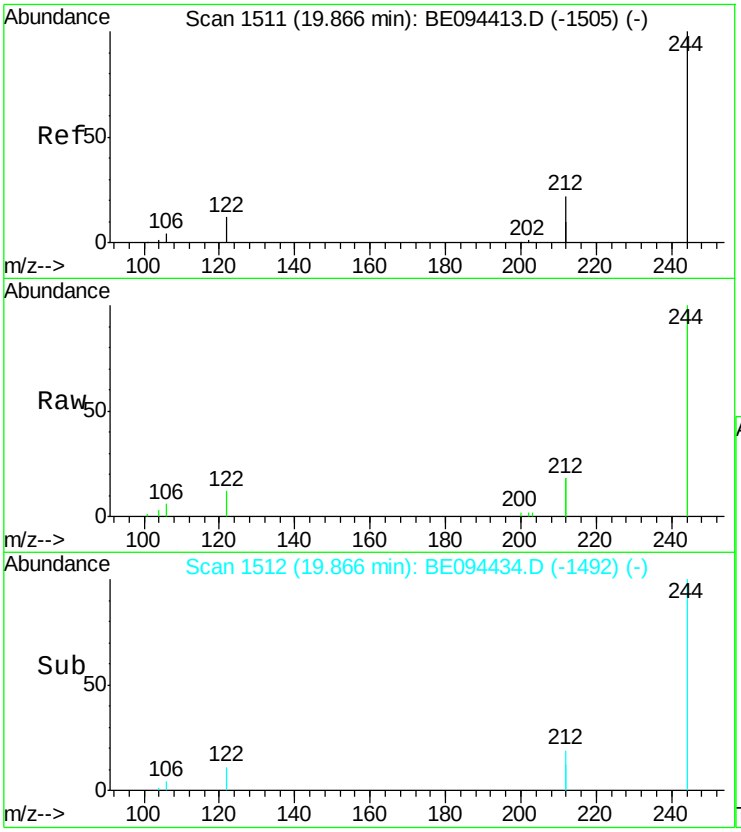


#28
Pyrene
Concen: 0.189 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:202 Resp: 6951

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	13.8	20.8



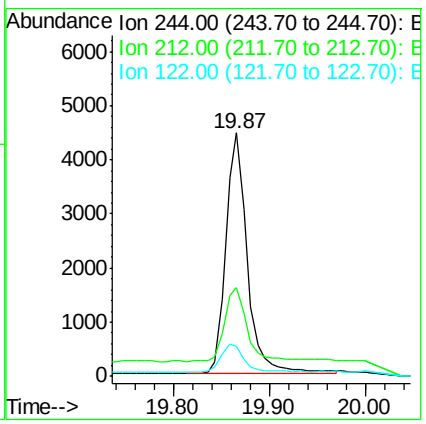


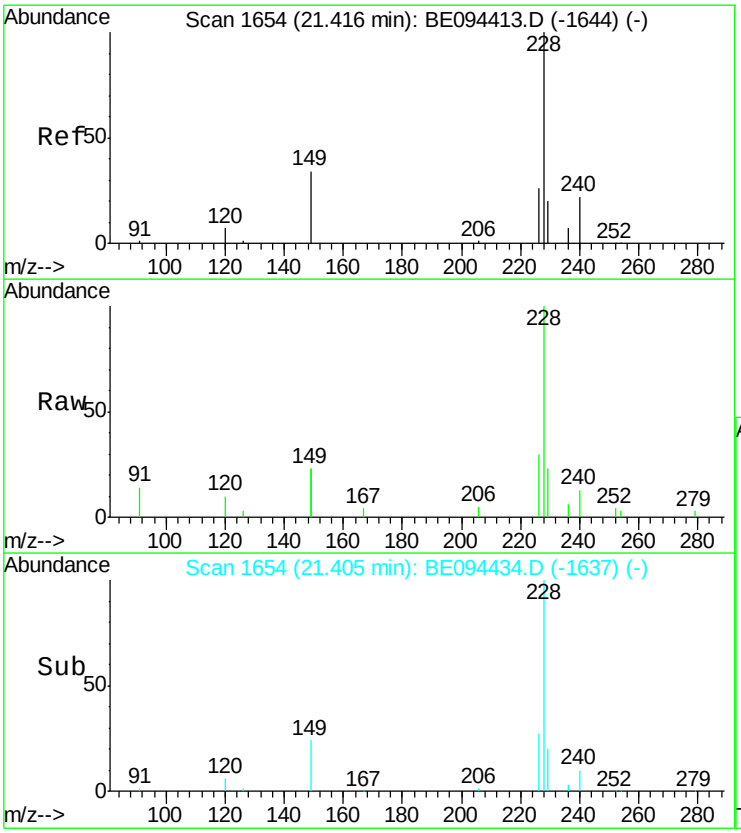
#29
Terphenyl-d14
Concen: 0.346 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:244 Resp: 6818

Ion	Ratio	Lower	Upper
244	100		
212	36.5	25.4	38.0
122	12.2	8.1	12.1#

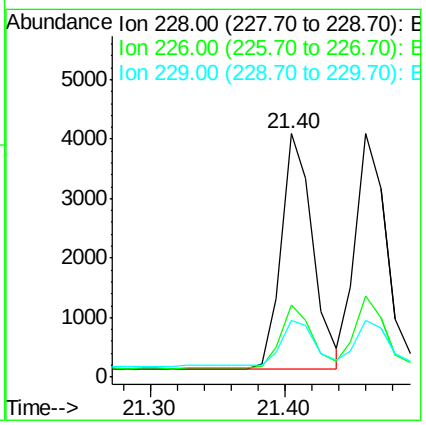


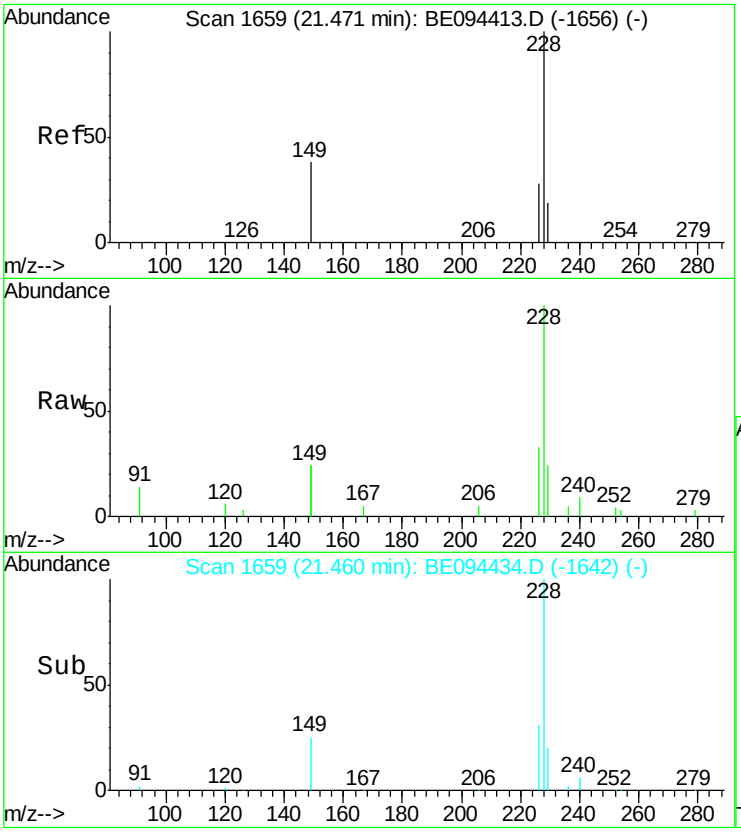


#30
Benzo(a)anthracene
Concen: 0.193 ng
RT: 21.40 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:228 Resp: 6527

Ion	Ratio	Lower	Upper
228	100		
226	29.9	40.0	60.0#
229	23.4	40.0	60.0#



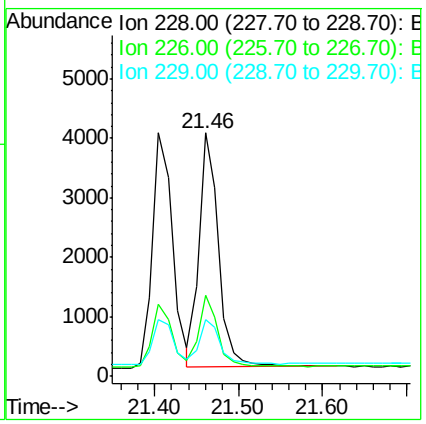


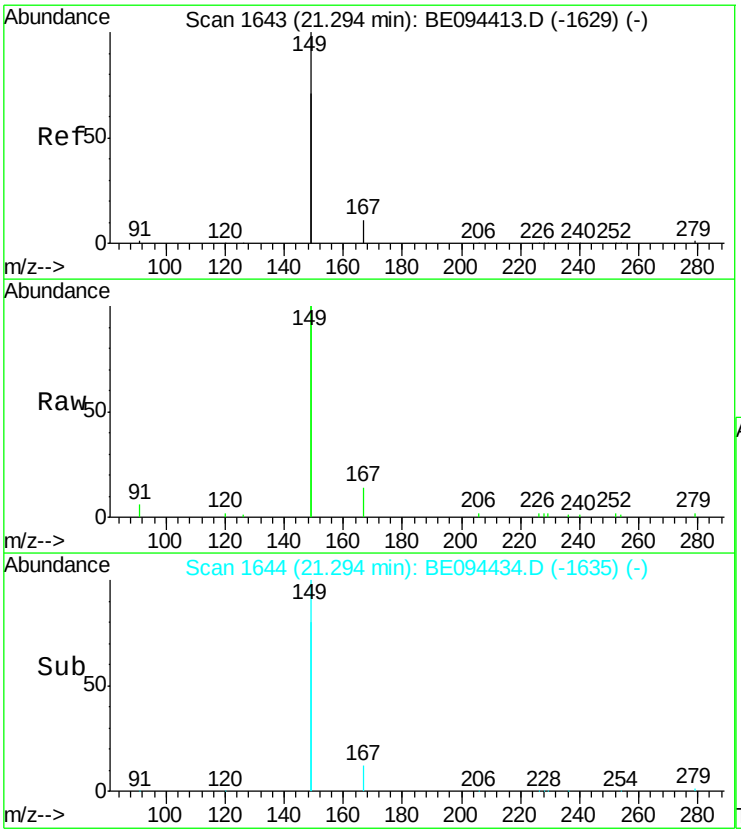
#31
Chrysene
Concen: 0.200 ng
RT: 21.46 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:228 Resp: 6491

Ion	Ratio	Lower	Upper
228	100		
226	33.2	40.0	60.0#
229	23.6	40.0	60.0#

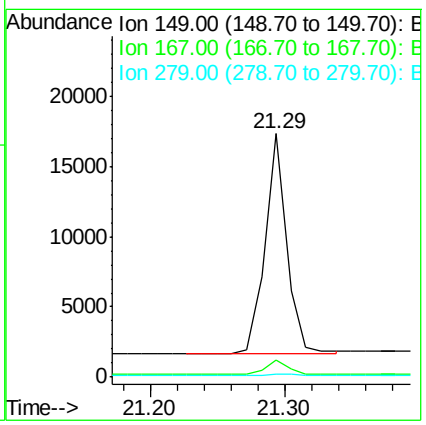


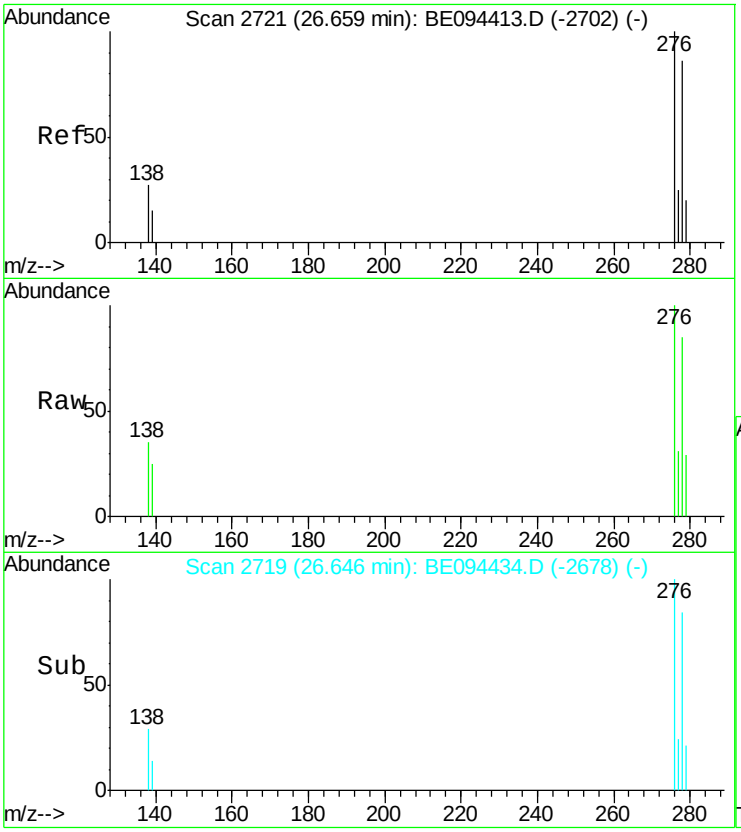


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.185 ng
RT: 21.29 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:149 Resp: 17983

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	1.0	0.7	1.1



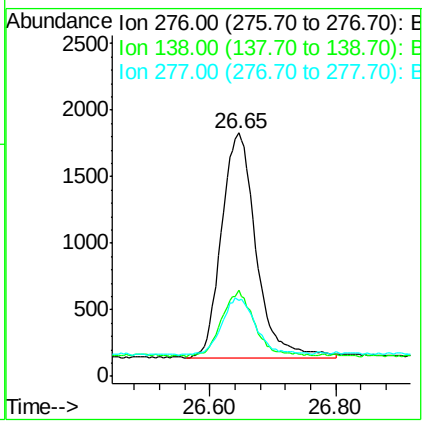


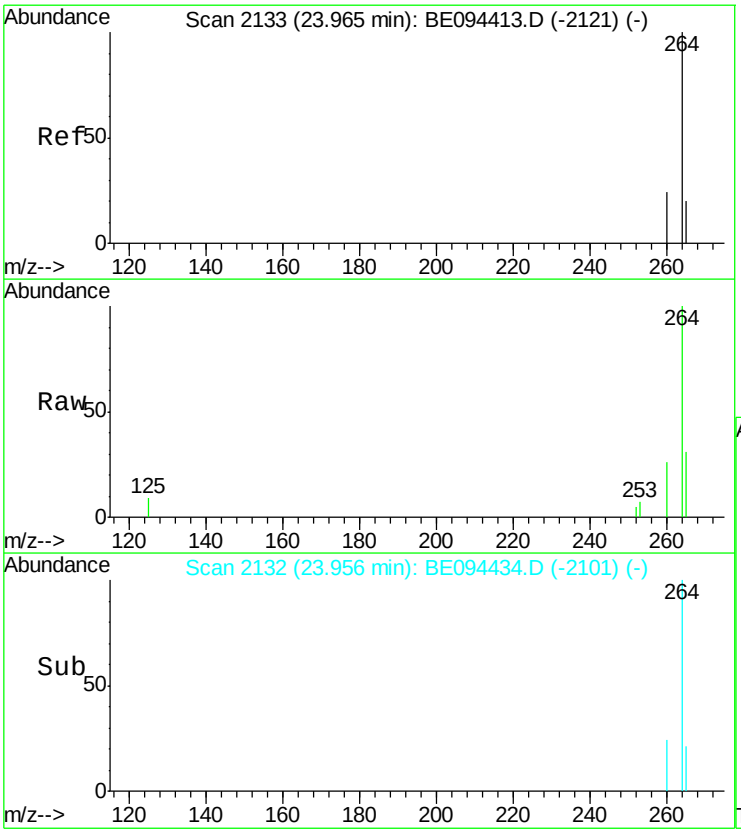
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng
RT: 26.65 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:276 Resp: 6432

Ion	Ratio	Lower	Upper
276	100		
138	27.3	22.5	33.7
277	25.4	19.9	29.9

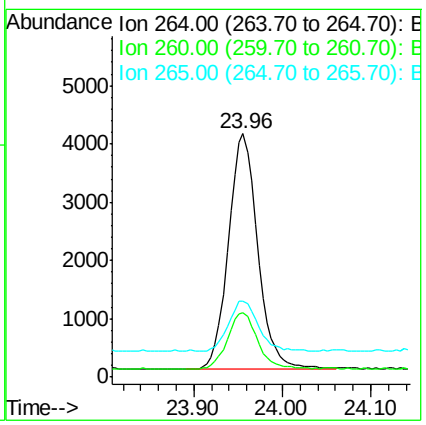


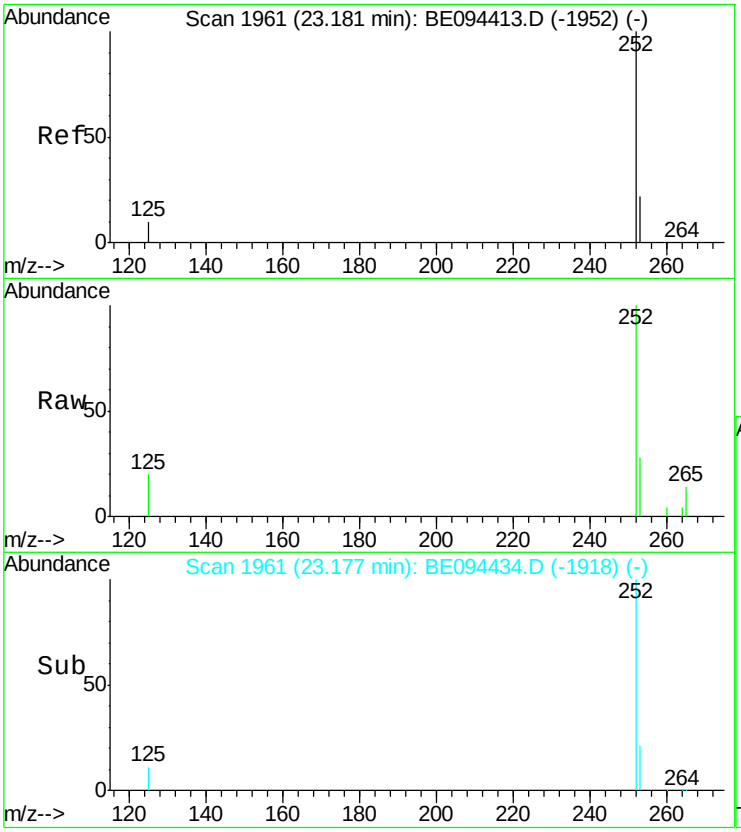


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.96 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:264 Resp: 9280

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.5	30.7
265	31.3	22.8	34.2



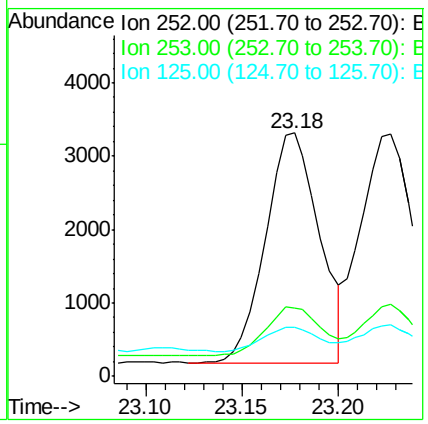


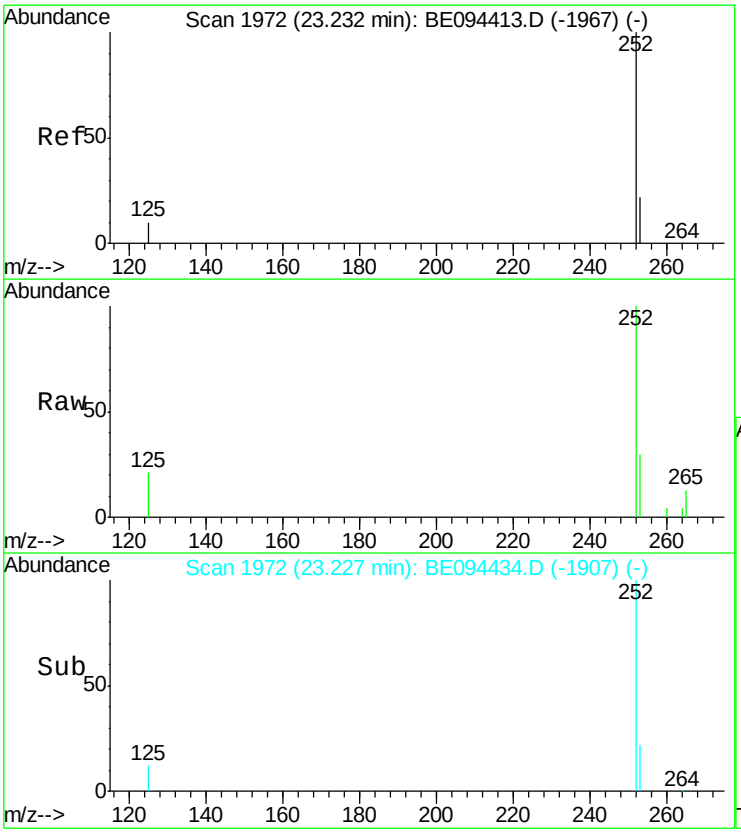
#35
Benzo(b)fluoranthene
Concen: 0.194 ng
RT: 23.18 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:252 Resp: 6107

Ion	Ratio	Lower	Upper
252	100		
253	28.2	48.0	72.0#
125	20.1	56.0	84.0#

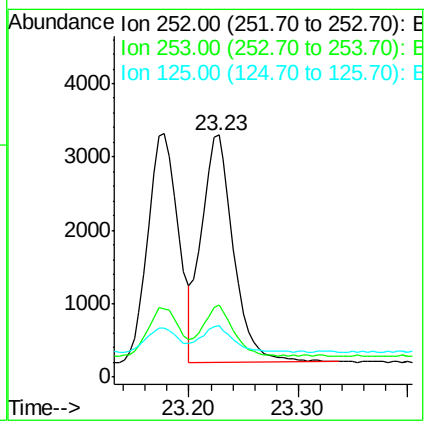


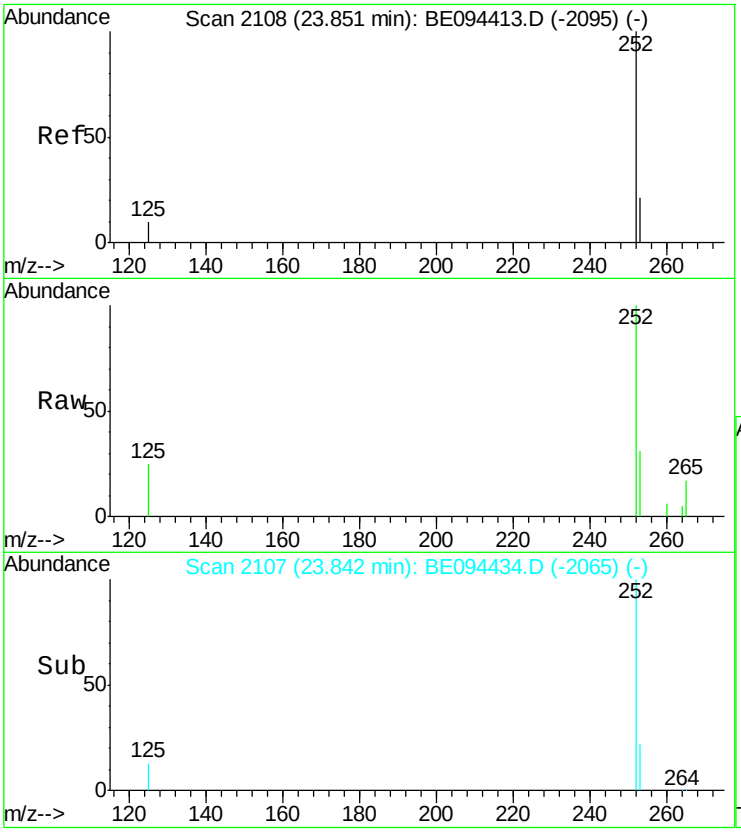


#36
Benzo(k)fluoranthene
Concen: 0.205 ng
RT: 23.23 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:252 Resp: 6344

Ion	Ratio	Lower	Upper
252	100		
253	29.5	48.0	72.0#
125	21.1	56.0	84.0#



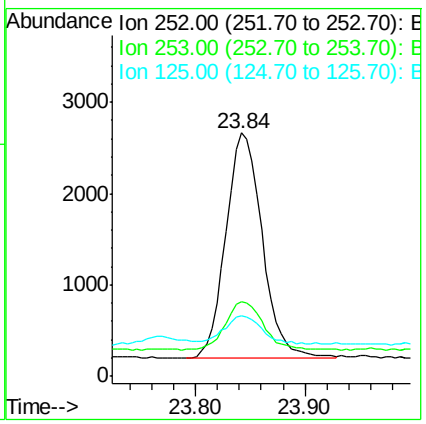


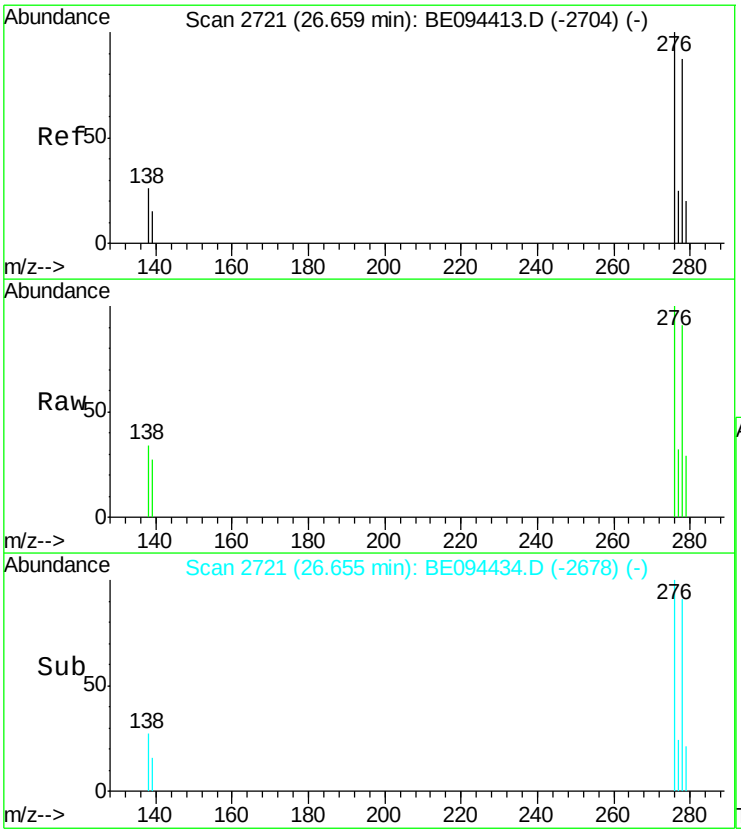
#37
Benzo(a)pyrene
Concen: 0.193 ng
RT: 23.84 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:252 Resp: 5711

Ion	Ratio	Lower	Upper
252	100		
253	30.7	52.0	78.0#
125	24.6	68.0	102.0#

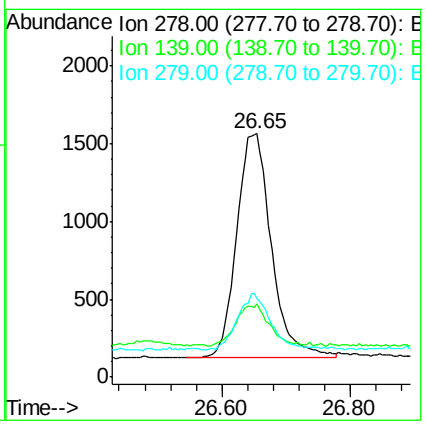


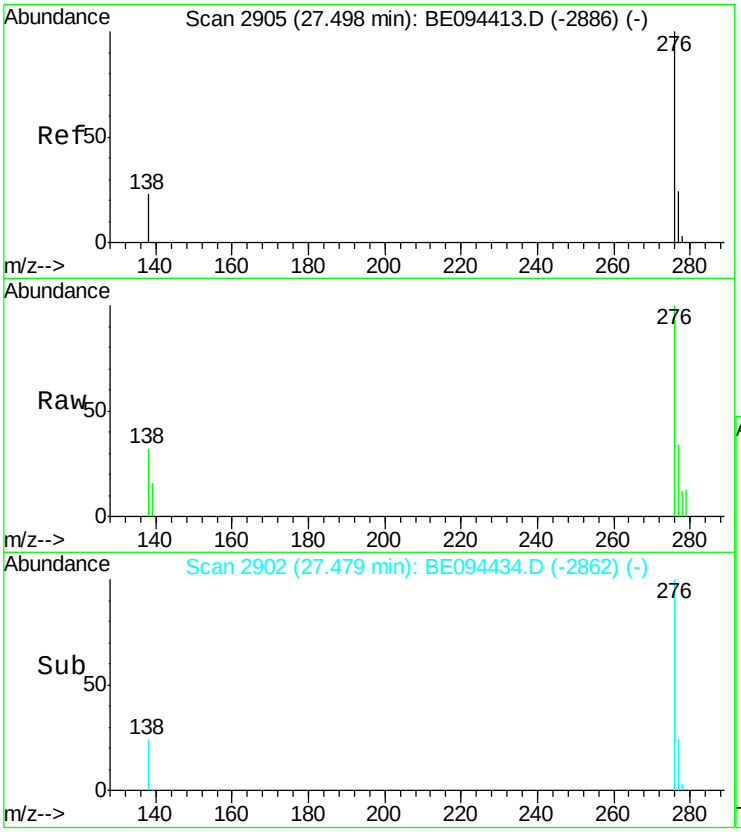


#38
Dibenzo(a,h)anthracene
Concen: 0.193 ng
RT: 26.65 min Scan# 2721
Delta R.T. -0.00 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Tgt Ion:278 Resp: 5413

Ion	Ratio	Lower	Upper
278	100		
139	29.9	56.0	84.0#
279	32.5	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.197 ng
RT: 27.48 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BE094434.D
Acq: 17 Oct 2017 18:00

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tgt Ion:276 Resp: 5315

Ion	Ratio	Lower	Upper
276	100		
277	33.6	52.0	78.0#
138	32.2	44.0	66.0#