Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001764.D
Acq On : 19 Jun 2015 16:26
Operator : TP/IZ
Sample : G2653-06
Misc : LOQ-SIM-WATER-1PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER2015-02

Quant Time: Jun 20 02:09:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	16558	5.00	ng		0.00
6) Naphthalene-d8	10.44	136	60653	5.00	ng		-0.02
12) Acenaphthene-d10	14.32	164	29374	5.00	ng		0.00
18) Phenanthrene-d10	17.06	188	69734	5.00	ng		0.00
25) Chrysene-d12	21.25	240	43411	5.00	ng		0.00
32) Perylene-d12	23.47	264	38916	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	38858	10.04	ng		0.00
5) Phenol-d6	6.83	99	50634	10.16	ng		0.00
7) Nitrobenzene-d5	8.83	82	30122	6.36	ng		0.00
13) 2,4,6-Tribromophenol	15.80	330	9163	9.99	ng		0.00
14) 2-Fluorobiphenyl	12.94	172	67107	6.39	ng		0.00
27) Terphenyl-d14	19.70	244	41731	6.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	255	0.14	ng		91
3) n-Nitrosodimethylamine	3.49	42	287	0.10	ng	#	97
8) Nitrobenzene	8.87	77	755	0.15	ng	#	90
9) Naphthalene	10.49	128	1742	0.12	ng	#	90
10) Hexachlorobutadiene	10.78	225	280	0.11	ng		96
11) 2-Methylnaphthalene	12.13	142	1098	0.12	ng		92
15) Acenaphthylene	14.03	152	1459	0.10	ng		99
16) Acenaphthene	14.37	154	991	0.11	ng		97
17) Fluorene	15.36	166	1007	0.13	ng		99
19) 4-Bromophenyl-phenylether	16.24	248	332	0.12	ng		98
20) Hexachlorobenzene	16.38	284	255	0.13	ng	#	100
21) Pentachlorophenol	16.72	266	94	0.11	ng	#	82
22) Phenanthrene	17.09	178	2772	0.12	ng		97
23) Anthracene	17.19	178	1113	0.11	ng		94
24) Fluoranthene	19.13	202	1699	0.11	ng		99
26) Pyrene	19.49	202	1738	0.11	ng		99
28) Benzo(a)anthracene	21.24	228	1688	0.13	ng		94
29) Chrysene	21.28	228	1409	0.10	ng		95
30) Bis(2-ethylhexyl)phthalate	21.16	149	975	0.13	ng	#	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	1459	0.11	ng		99
33) Benzo(b)fluoranthene	22.80	252	1466	0.11	ng	#	82
34) Benzo(k)fluoranthene	22.84	252	1313	0.11	ng	#	81
35) Benzo(a)pyrene	23.38	252	1231	0.11	ng	#	75
36) Dibenzo(a,h)anthracene	25.72	278	1180	0.11	ng	#	80
37) Benzo(g,h,i)perylene	26.39	276	1310	0.12	ng	#	85

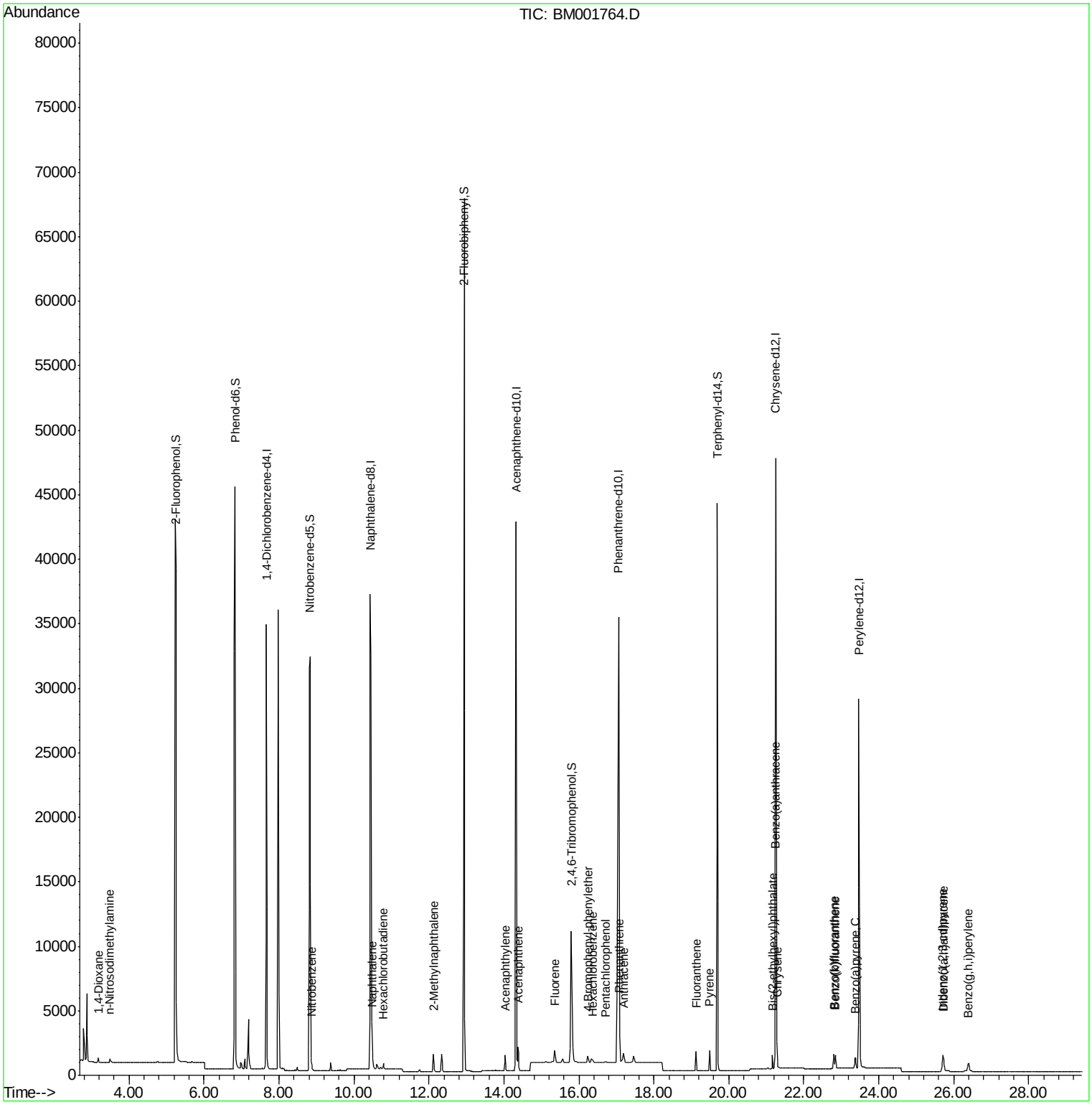
(#) = qualifier out of range (m) = manual integration (+) = signals summed

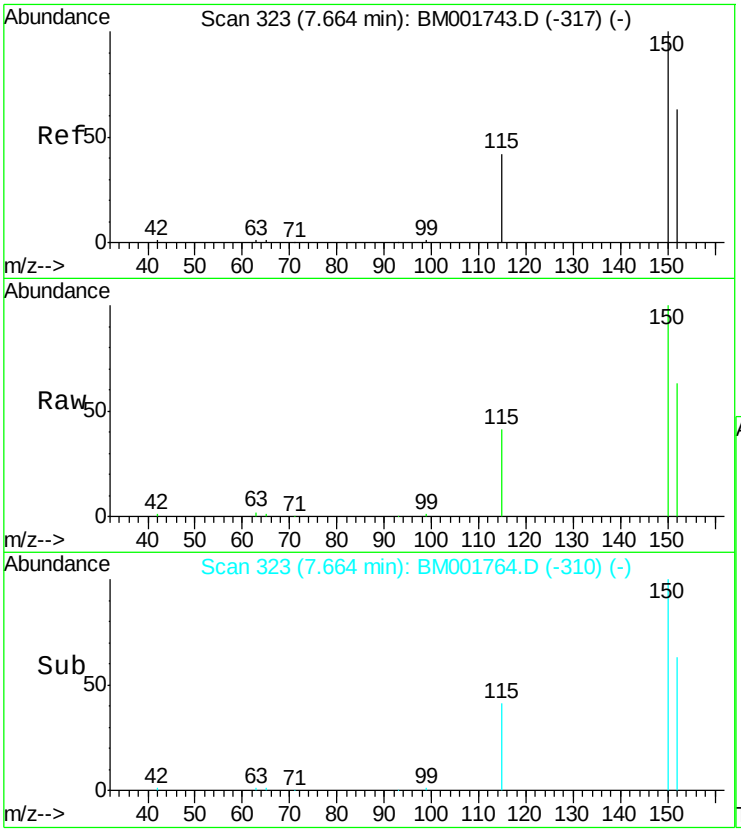
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001764.D
Acq On : 19 Jun 2015 16:26
Operator : TP/IZ
Sample : G2653-06
Misc : LOQ-SIM-WATER-1PPM
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Quant Time: Jun 20 02:09:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 2015
Response via : Initial Calibration



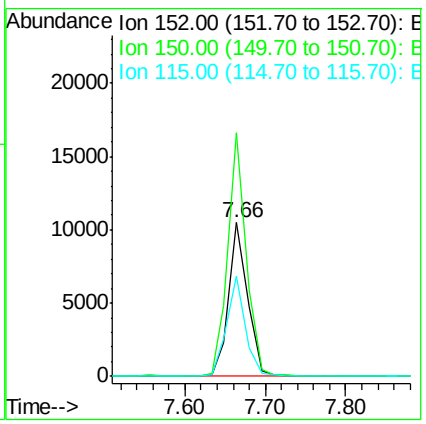


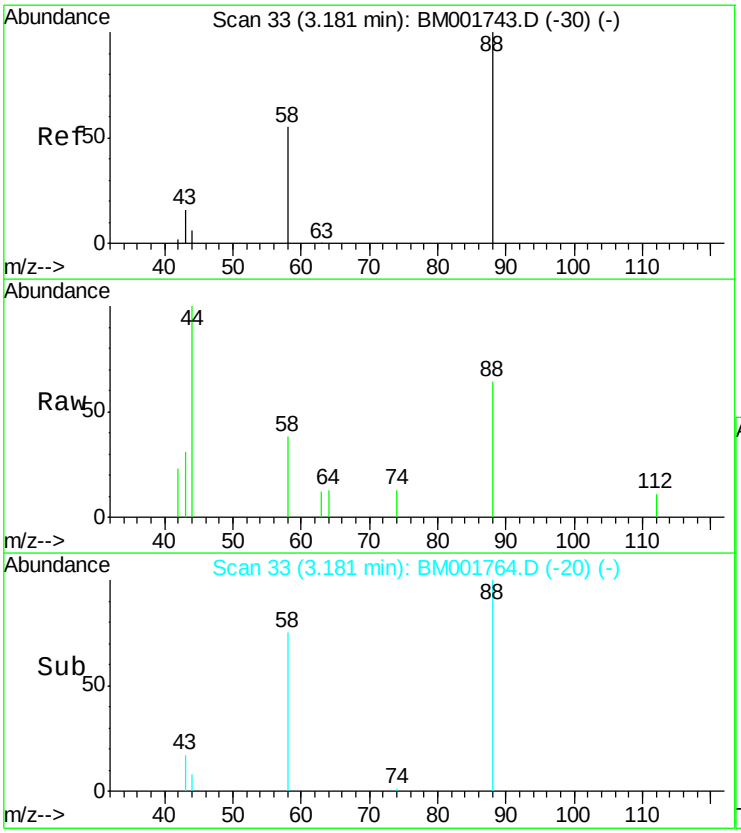
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:152 Resp: 16558

Ion	Ratio	Lower	Upper
152	100		
150	158.5	127.5	191.3
115	65.6	53.2	79.8

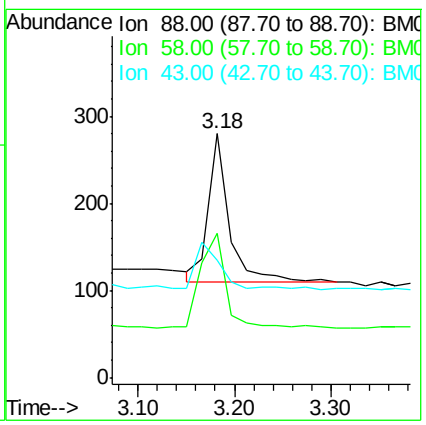


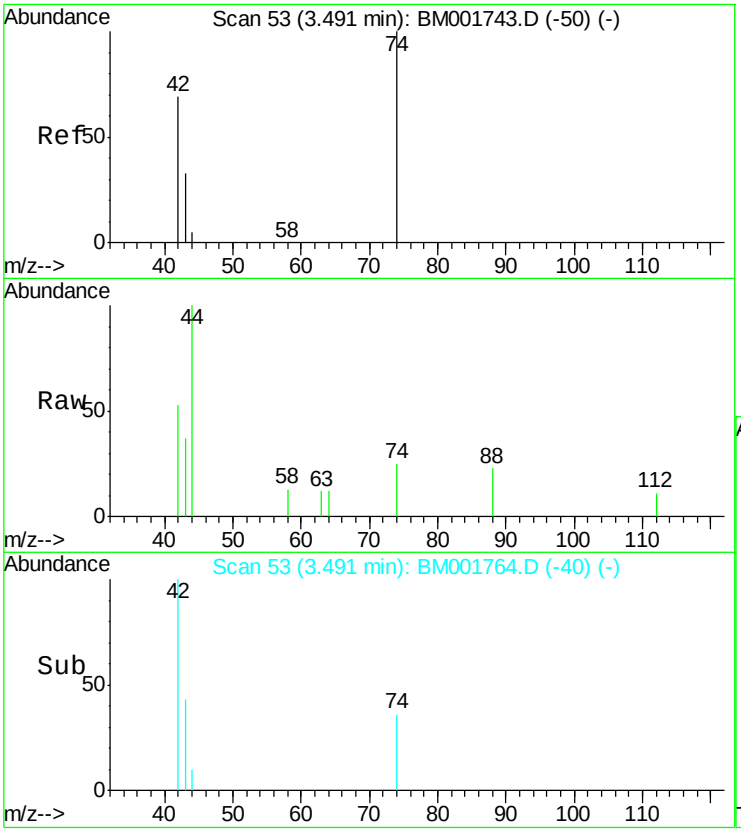


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.18 min Scan# 33
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion: 88 Resp: 255

Ion	Ratio	Lower	Upper
88	100		
58	78.0	68.3	102.5
43	32.9	32.6	48.8



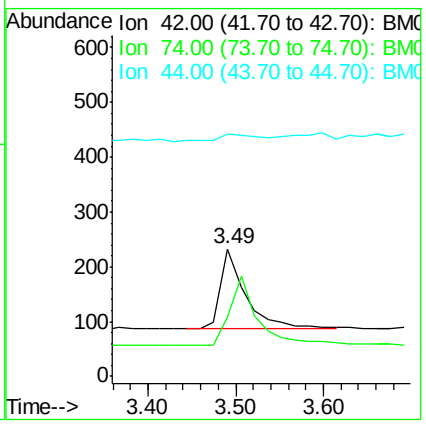


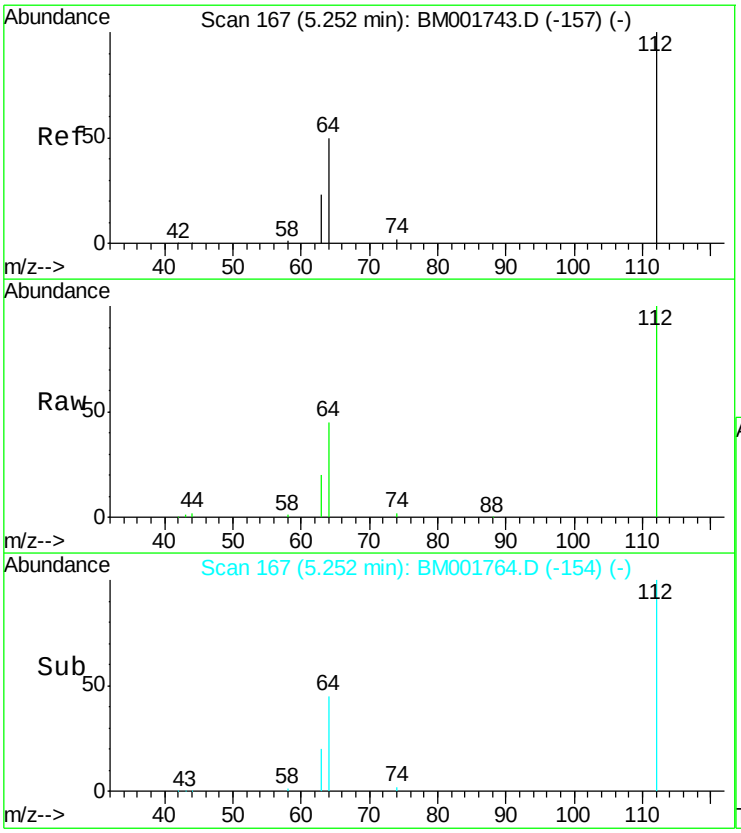
#3
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.49 min Scan# 53
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion: 42 Resp: 287

Ion	Ratio	Lower	Upper
42	100		
74	96.5	78.6	118.0
44	11.5	5.0	7.6#

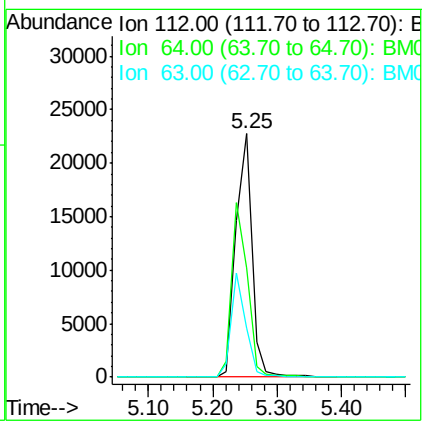


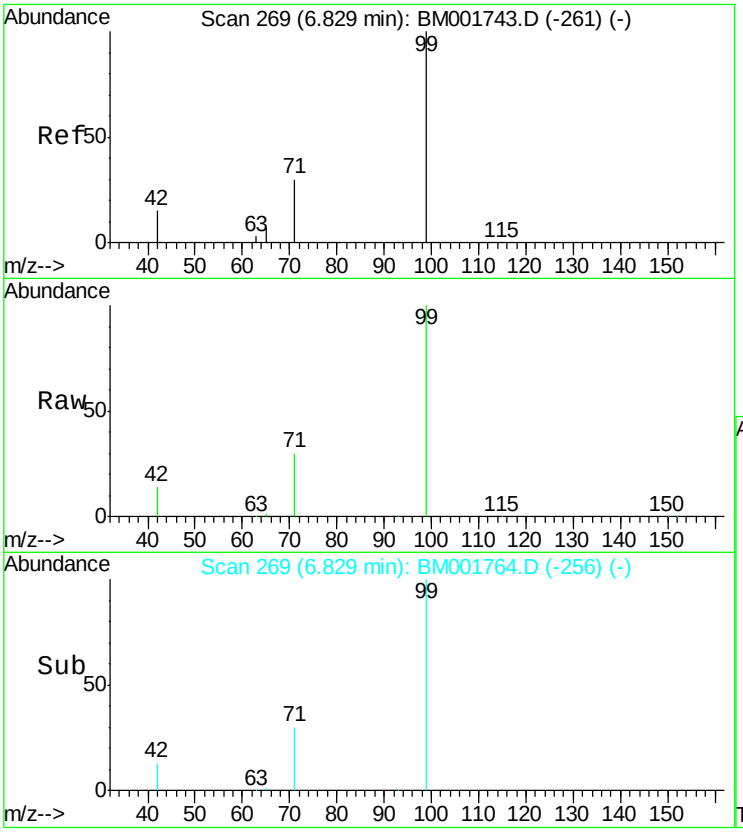


#4
2-Fluorophenol
Concen: 10.04 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:112 Resp: 38858

Ion	Ratio	Lower	Upper
112	100		
64	70.0	55.6	83.4
63	38.3	30.2	45.2



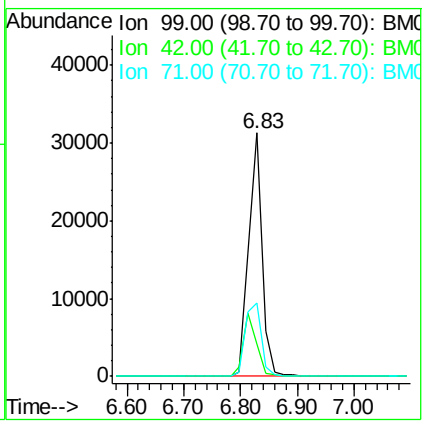


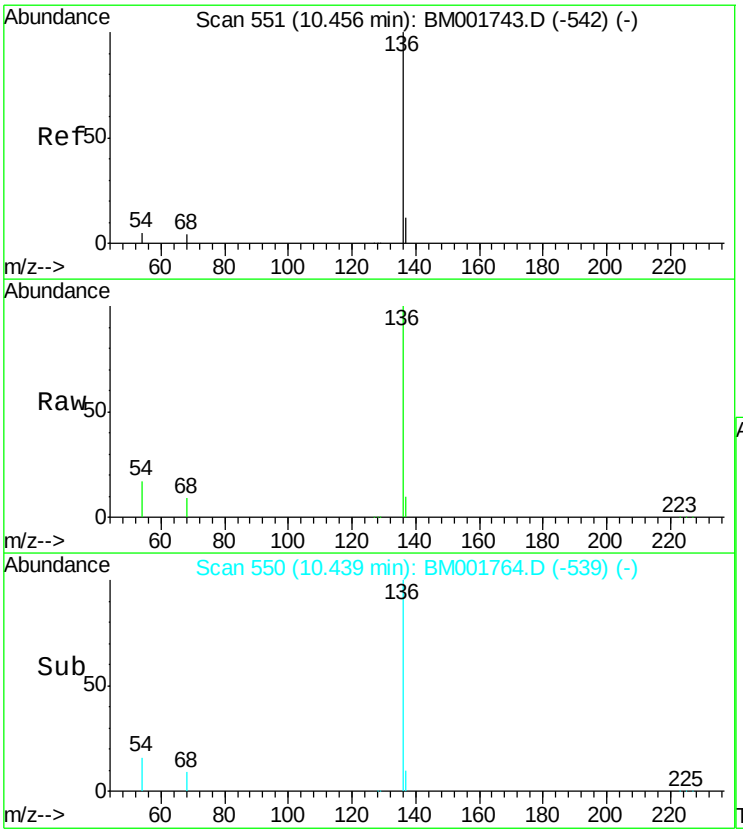
#5
Phenol-d6
Concen: 10.16 ng
RT: 6.83 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion: 99 Resp: 50634

Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.4	32.0
71	35.9	28.3	42.5

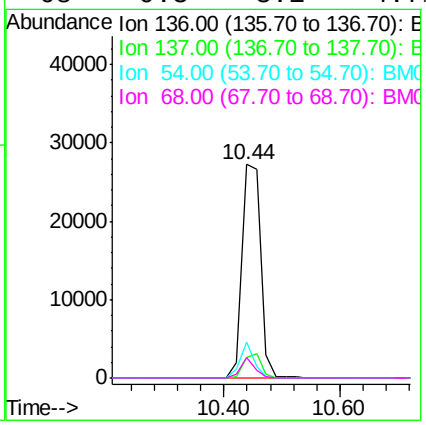


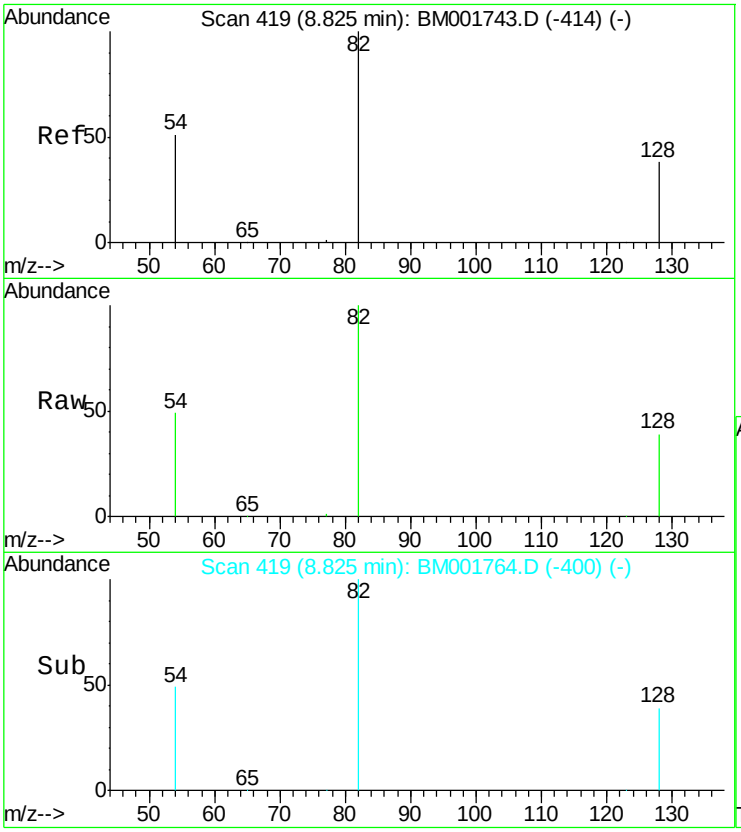


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.44 min Scan# 550
Delta R.T. -0.02 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:136 Resp: 60653

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.4	14.0
54	16.6	4.4	6.6#
68	9.3	3.1	4.7#



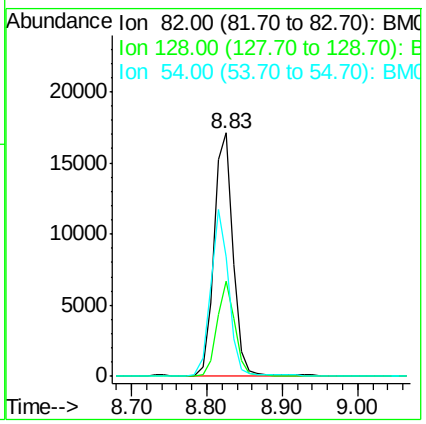


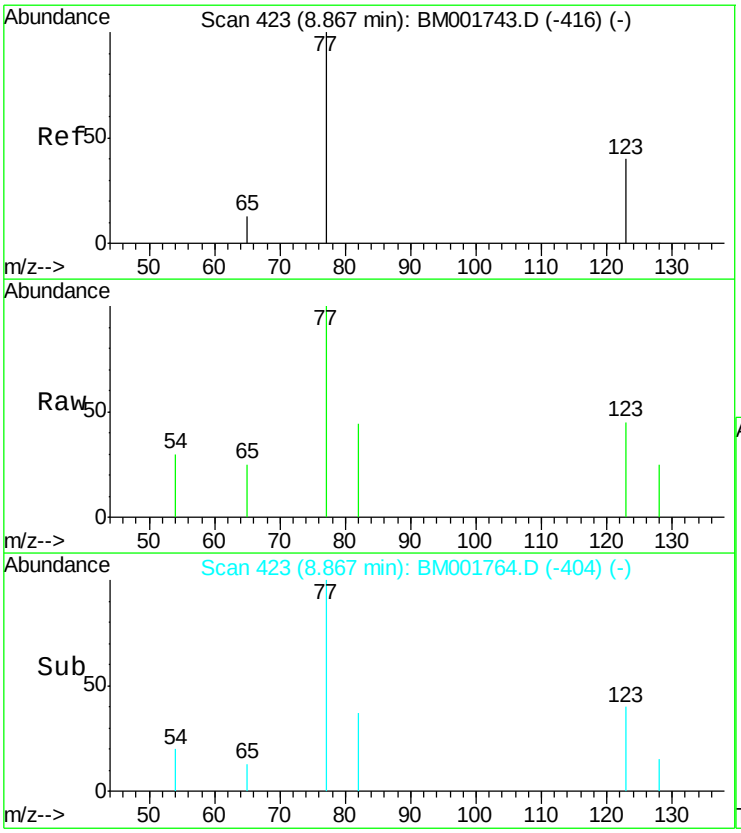
#7
Nitrobenzene-d5
Concen: 6.36 ng
RT: 8.83 min Scan# 419
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion: 82 Resp: 30122

Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.3	46.9
54	49.2	41.9	62.9

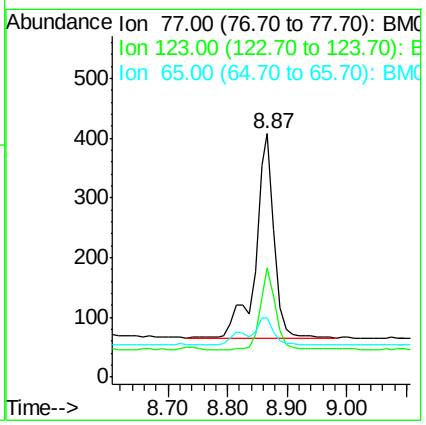


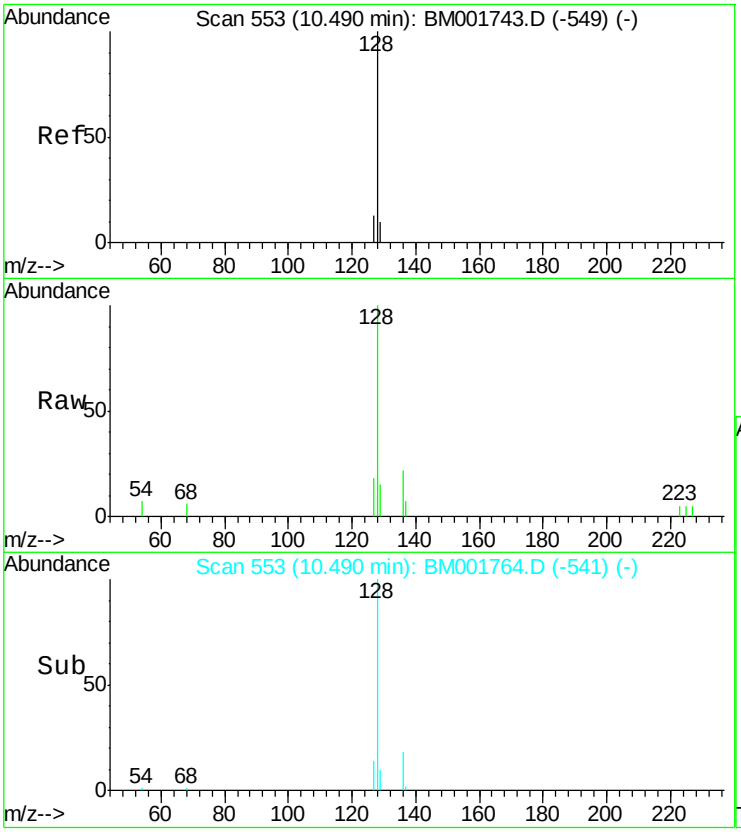


#8
Nitrobenzene
Concen: 0.15 ng
RT: 8.87 min Scan# 423
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion: 77 Resp: 755

Ion	Ratio	Lower	Upper
77	100		
123	32.1	30.1	45.1
65	18.3	11.3	16.9#



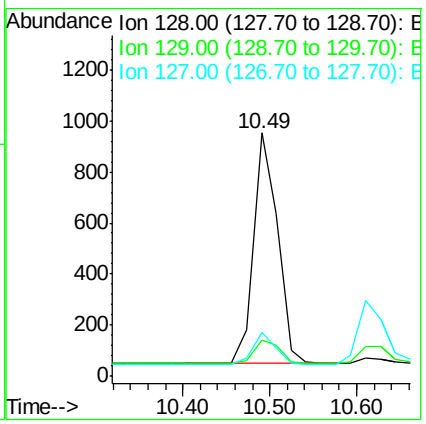


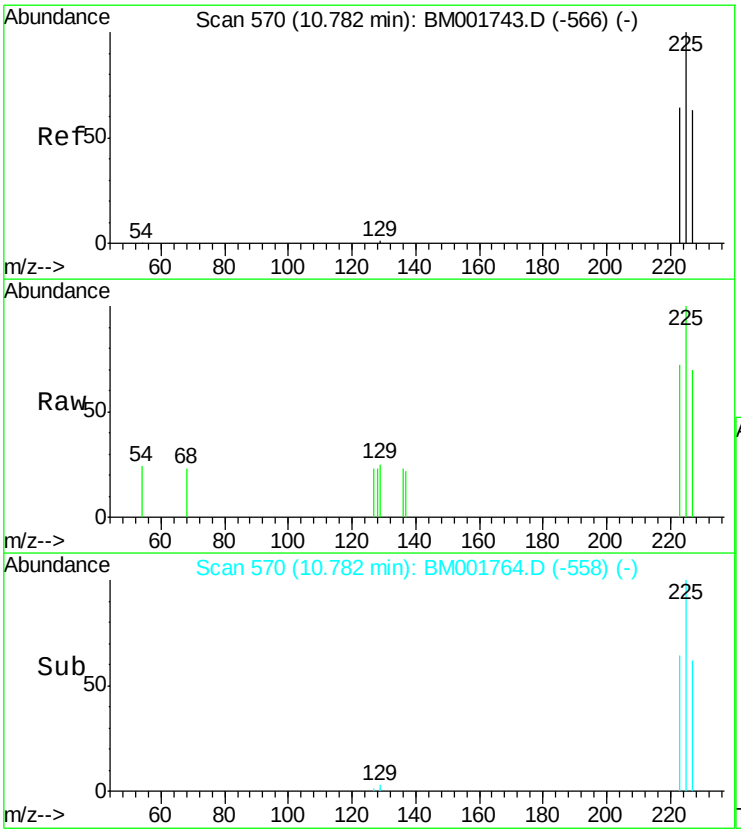
#9
Naphthalene
Concen: 0.12 ng
RT: 10.49 min Scan# 553
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:128 Resp: 1742

Ion	Ratio	Lower	Upper
128	100		
129	15.0	8.7	13.1#
127	18.2	11.2	16.8#

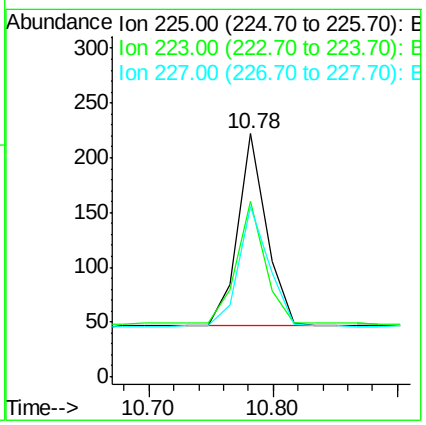


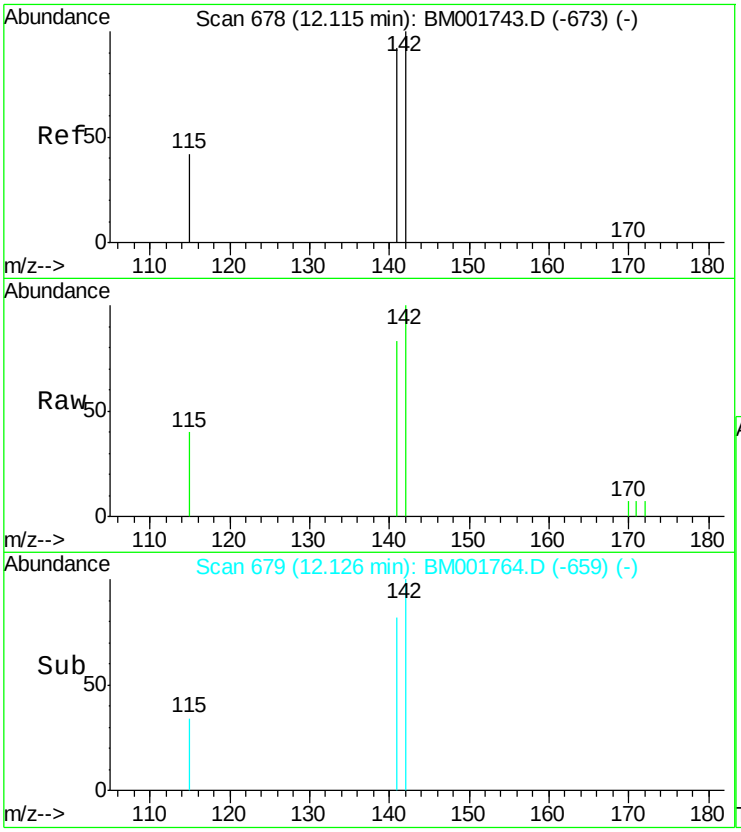


#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.78 min Scan# 570
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:225 Resp: 280

Ion	Ratio	Lower	Upper
225	100		
223	66.8	51.0	76.4
227	67.5	51.8	77.8



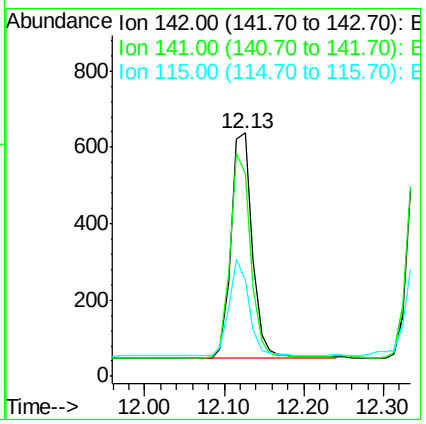


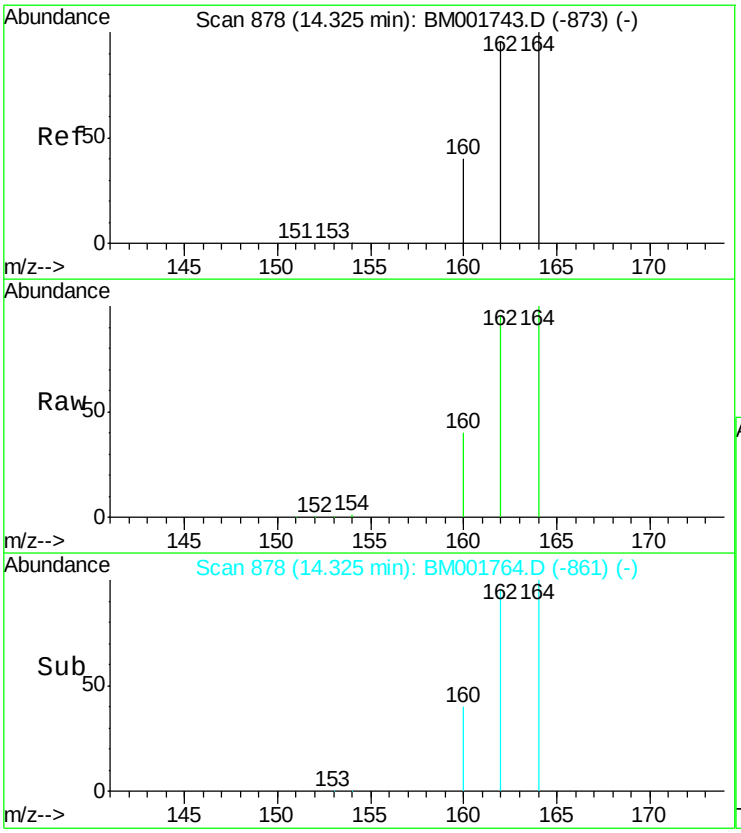
#11
2-Methylnaphthalene
Concen: 0.12 ng
RT: 12.13 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:142 Resp: 1098

Ion	Ratio	Lower	Upper
142	100		
141	83.4	73.6	110.4
115	39.8	34.1	51.1

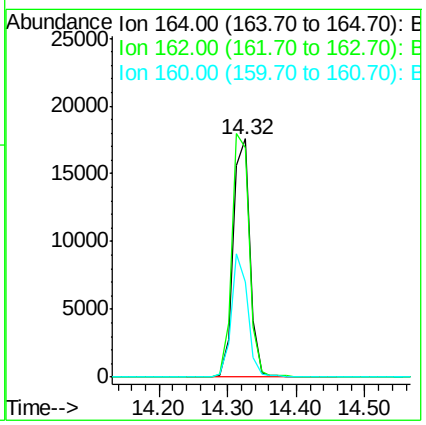


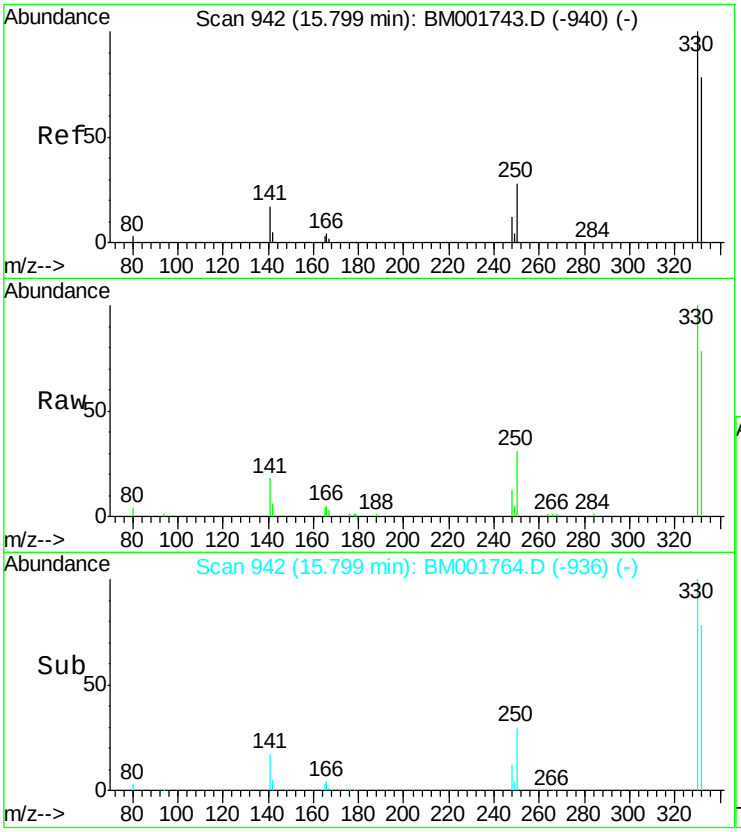


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:164 Resp: 29374

Ion	Ratio	Lower	Upper
164	100		
162	96.4	76.6	114.8
160	40.0	31.8	47.8



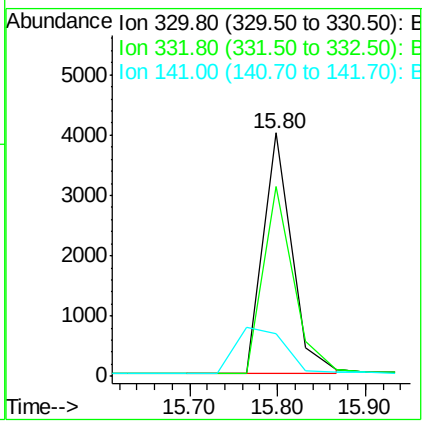


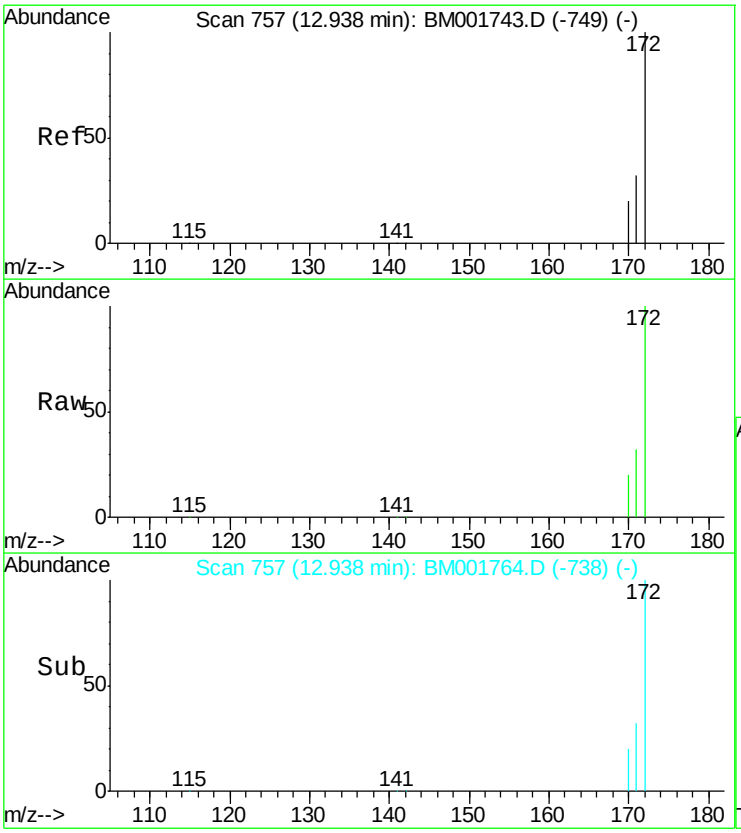
#13
2,4,6-Tribromophenol
Concen: 9.99 ng
RT: 15.80 min Scan# 942
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:330 Resp: 9163

Ion	Ratio	Lower	Upper
330	100		
332	82.3	65.8	98.8
141	0.0	0.0	0.0

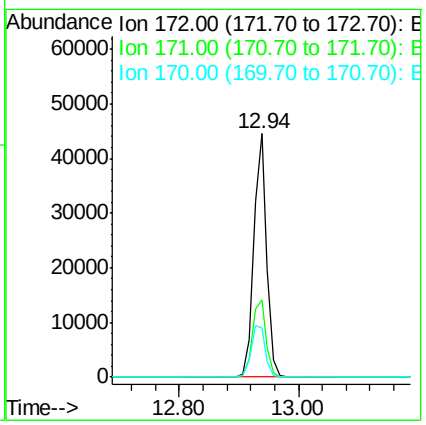


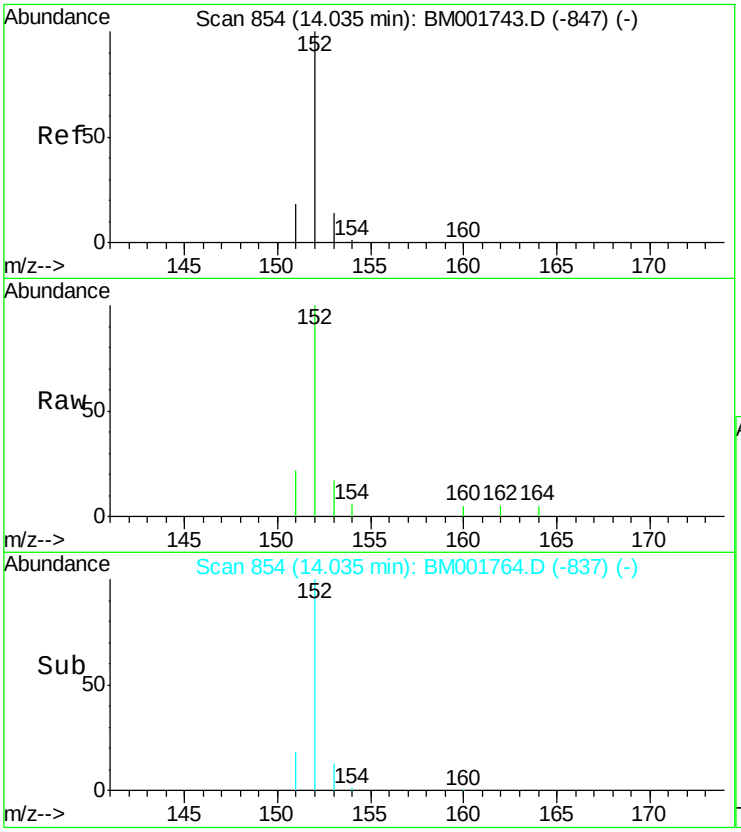


#14
2-Fluorobiphenyl
Concen: 6.39 ng
RT: 12.94 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:172 Resp: 67107

Ion	Ratio	Lower	Upper
172	100		
171	31.9	26.2	39.2
170	20.0	16.6	24.8



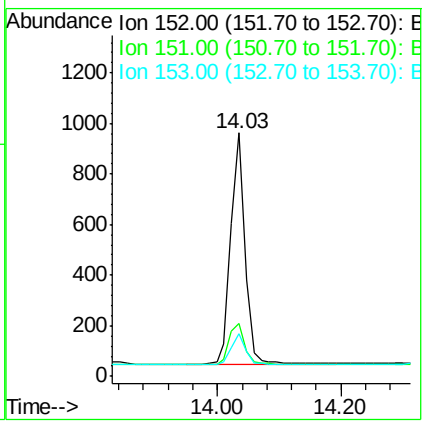


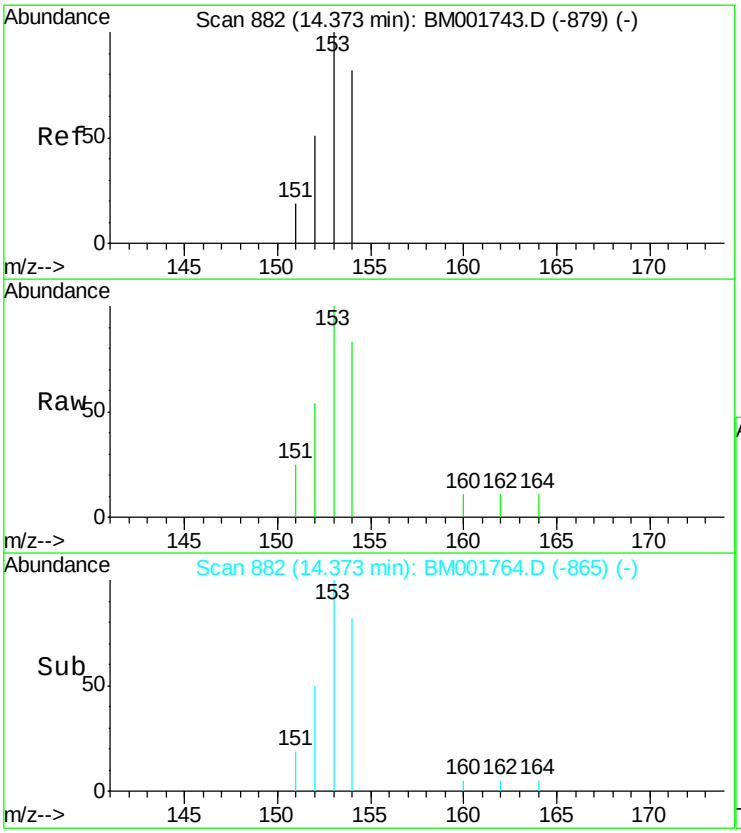
#15
Acenaphthylene
Concen: 0.10 ng
RT: 14.03 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:152 Resp: 1459

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.4	23.2
153	13.1	10.4	15.6

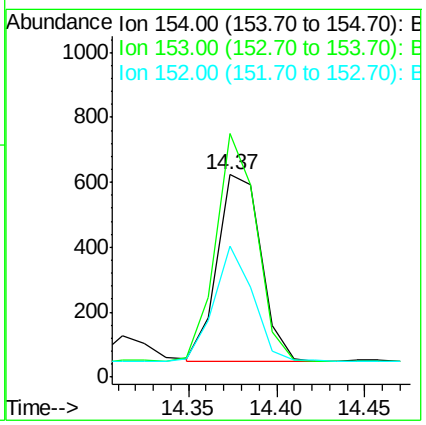


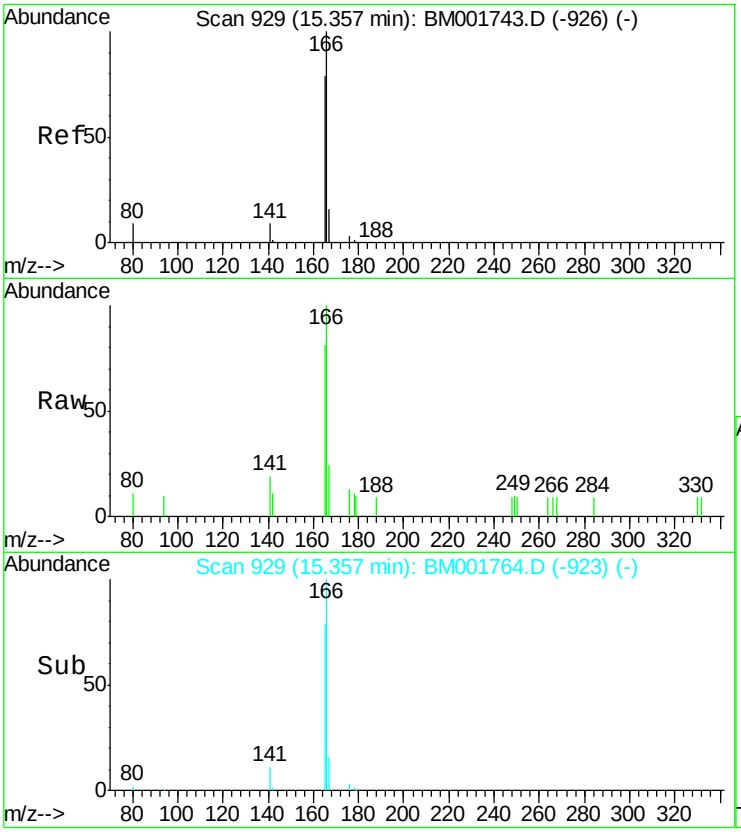


#16
Acenaphthene
Concen: 0.11 ng
RT: 14.37 min Scan# 882
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:154 Resp: 991

Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.0	135.0
152	55.7	44.2	66.4



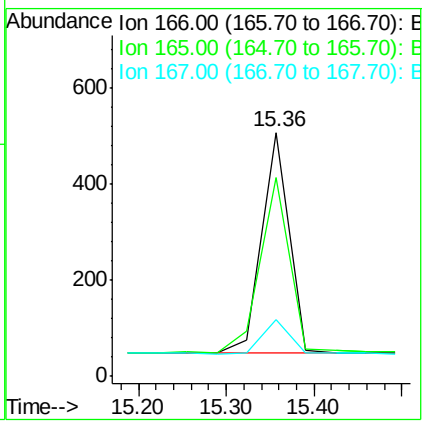


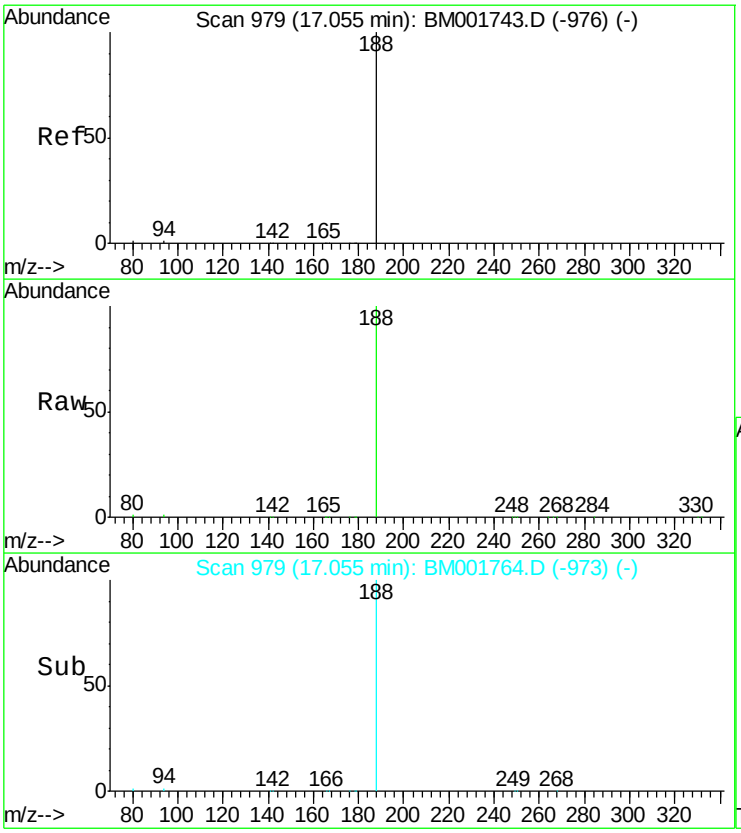
#17
Fluorene
Concen: 0.13 ng
RT: 15.36 min Scan# 929
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:166 Resp: 1007

Ion	Ratio	Lower	Upper
166	100		
165	84.0	68.2	102.2
167	15.4	12.2	18.2

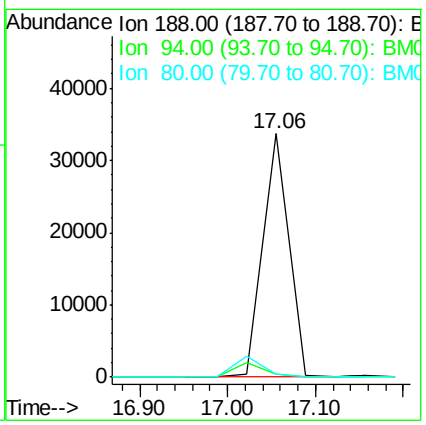


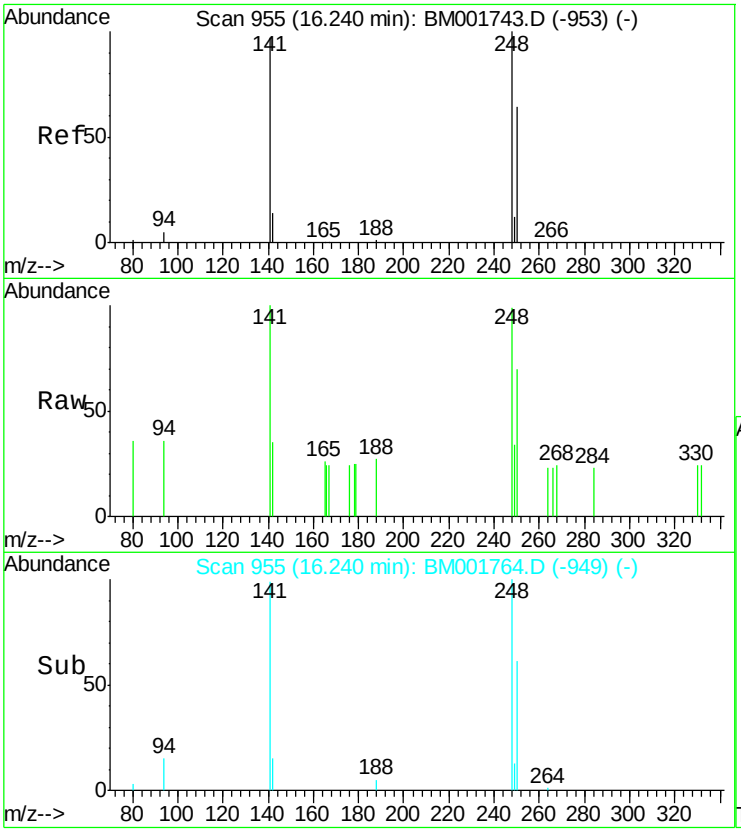


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.06 min Scan# 979
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:188 Resp: 69734

Ion	Ratio	Lower	Upper
188	100		
94	1.4	1.3	1.9
80	1.2	1.0	1.6



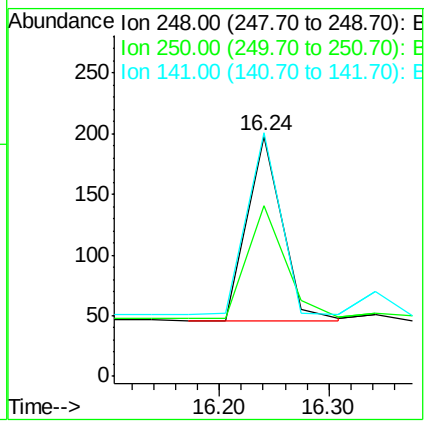


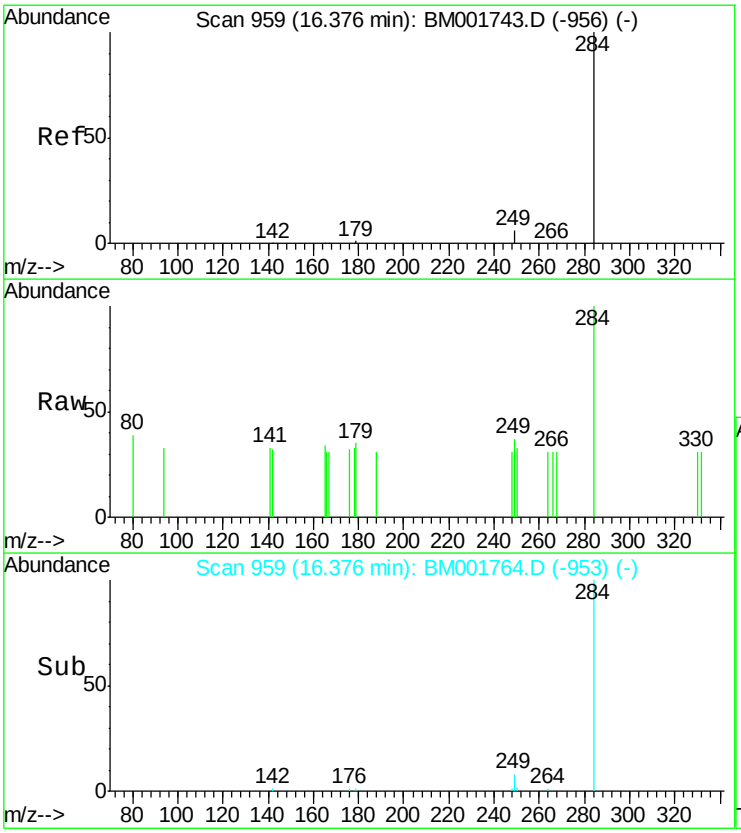
#19
4-Bromophenyl-phenylether
Concen: 0.12 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:248 Resp: 332

Ion	Ratio	Lower	Upper
248	100		
250	66.9	54.8	82.2
141	93.4	76.2	114.4

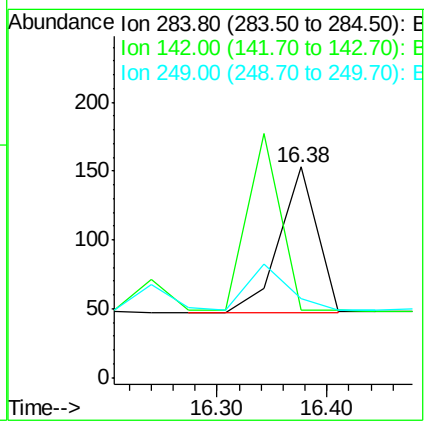


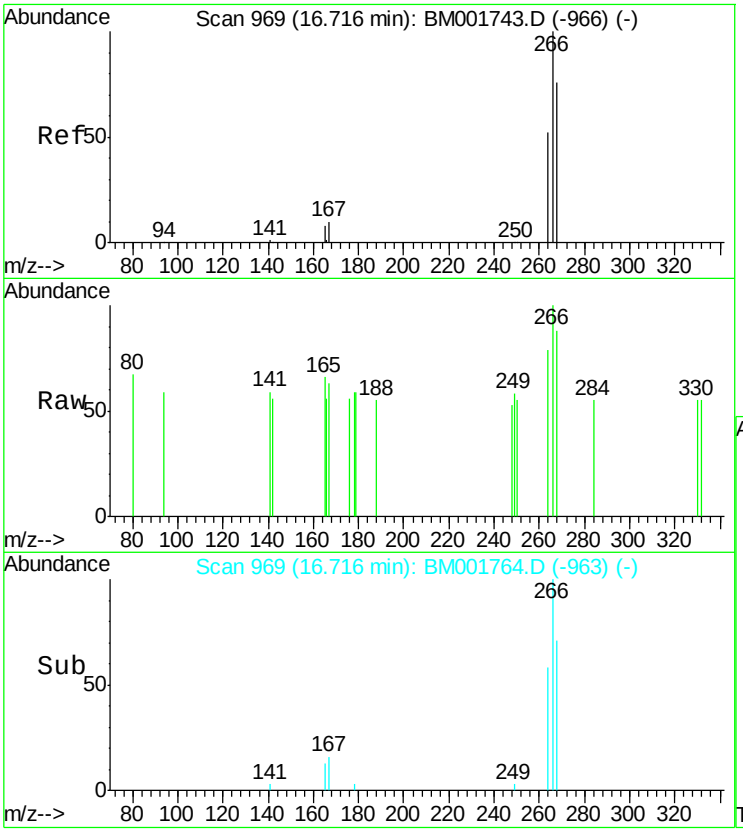


#20
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:284 Resp: 255

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



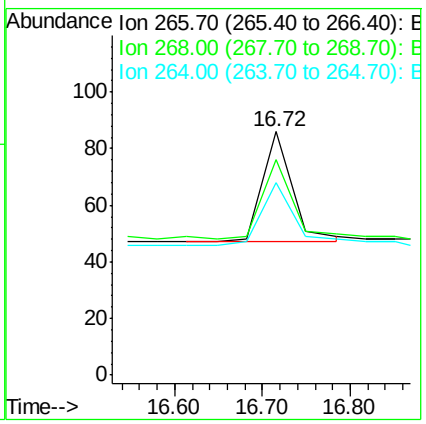


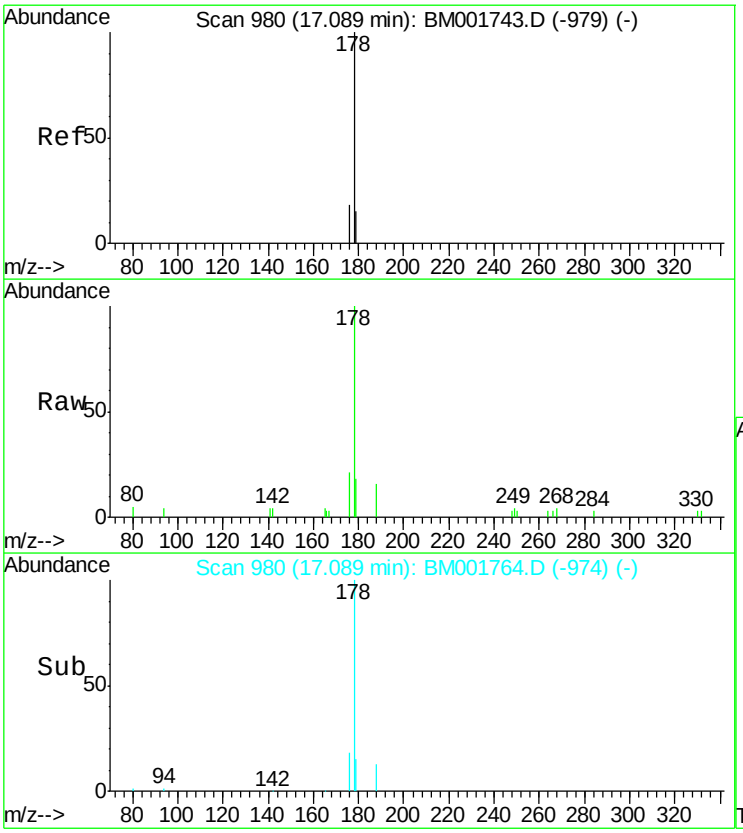
#21
Pentachlorophenol
Concen: 0.11 ng
RT: 16.72 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:266 Resp: 94

Ion	Ratio	Lower	Upper
266	100		
268	88.4	63.2	94.8
264	79.1	46.2	69.2#

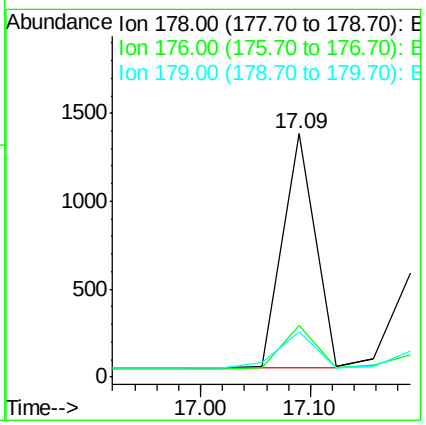


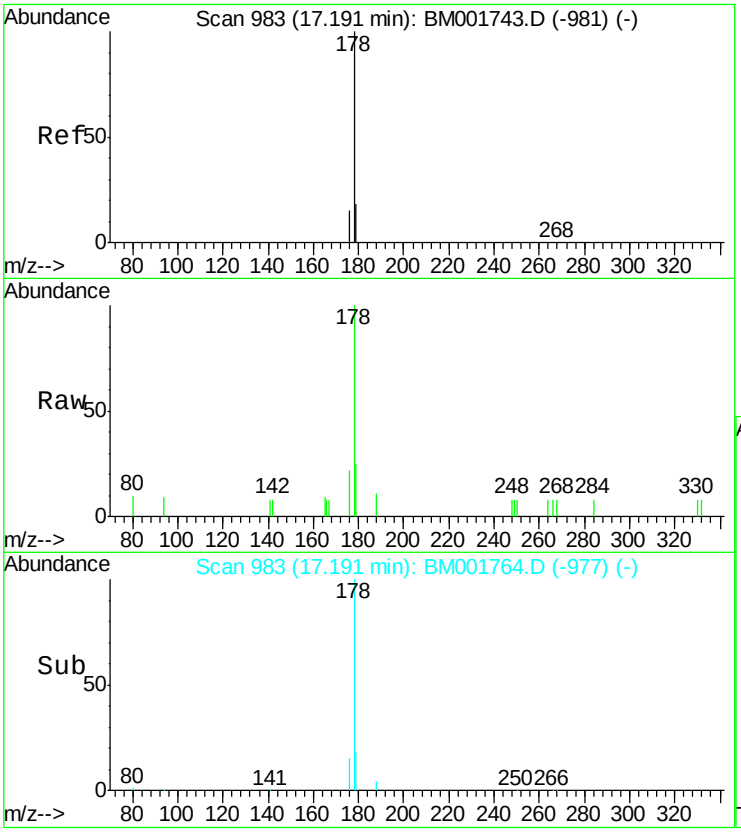


#22
Phenanthrene
Concen: 0.12 ng
RT: 17.09 min Scan# 980
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:178 Resp: 2772

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	17.2	12.6	19.0



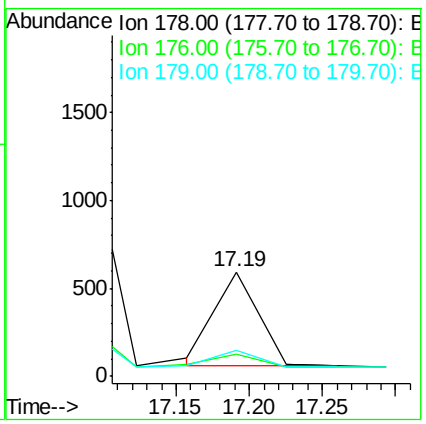


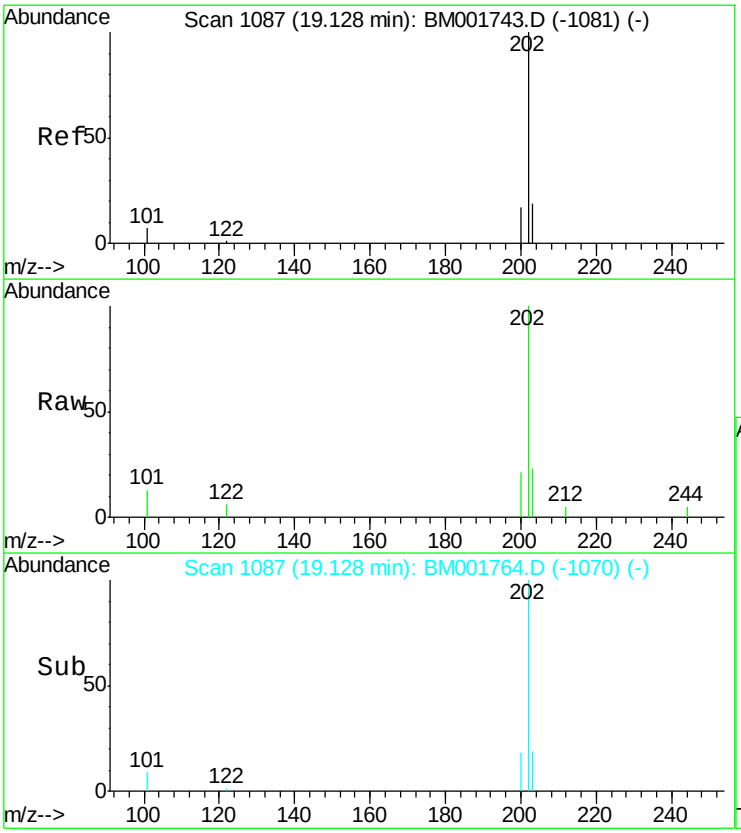
#23
Anthracene
Concen: 0.11 ng
RT: 17.19 min Scan# 983
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:178 Resp: 1113

Ion	Ratio	Lower	Upper
178	100		
176	14.5	10.0	15.0
179	18.1	12.3	18.5

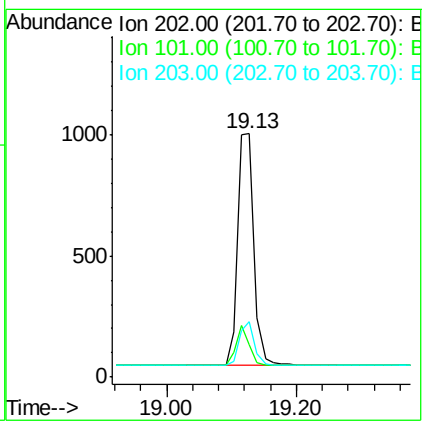


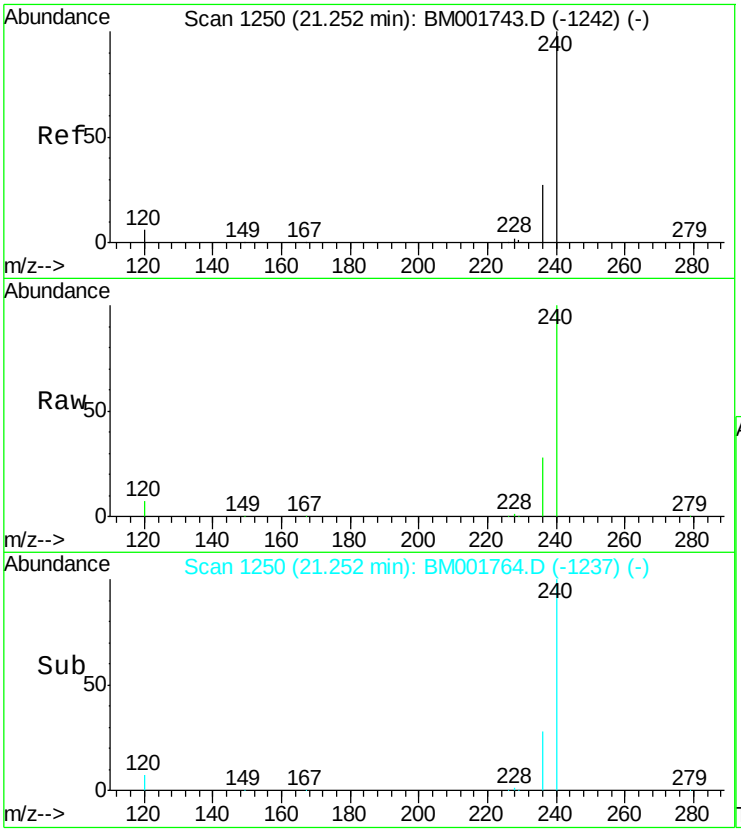


#24
Fluoranthene
Concen: 0.11 ng
RT: 19.13 min Scan# 1087
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:202 Resp: 1699

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.8	16.2
203	17.3	13.8	20.6



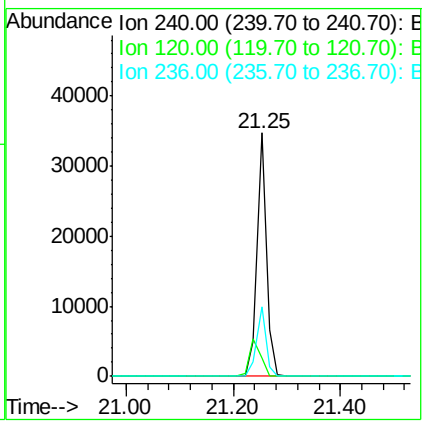


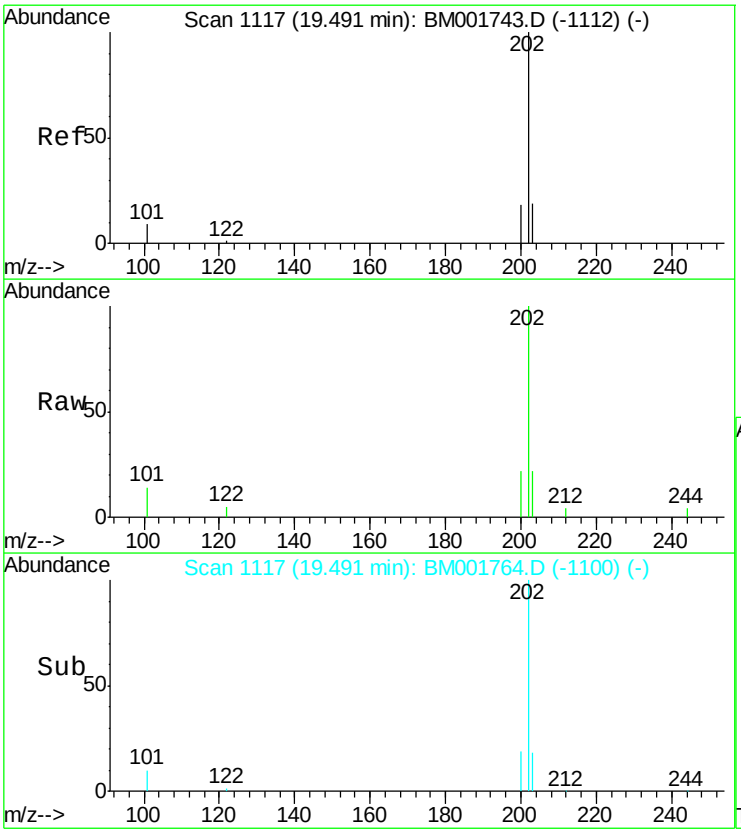
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:240 Resp: 43411

Ion	Ratio	Lower	Upper
240	100		
120	7.4	4.7	7.1#
236	28.3	21.6	32.4

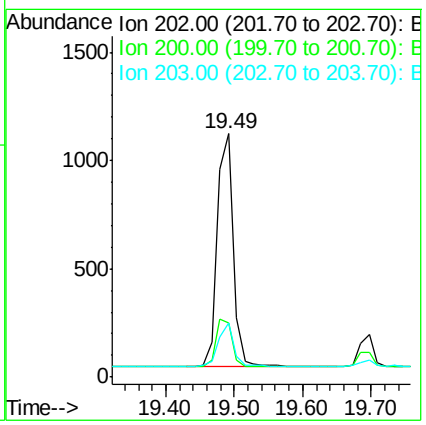


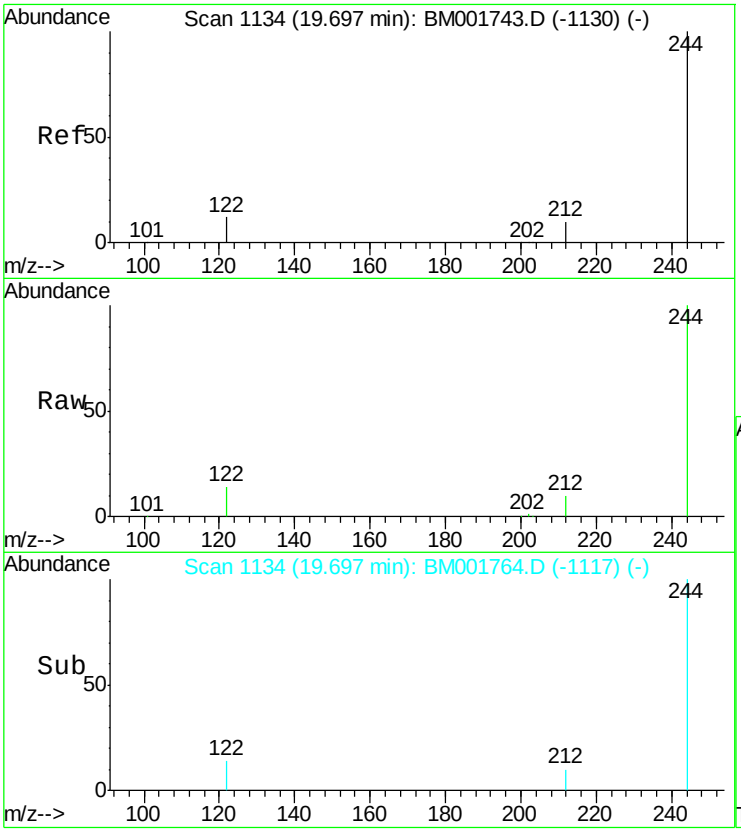


#26
Pyrene
Concen: 0.11 ng
RT: 19.49 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:202 Resp: 1738

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	24.8
203	18.2	13.9	20.9



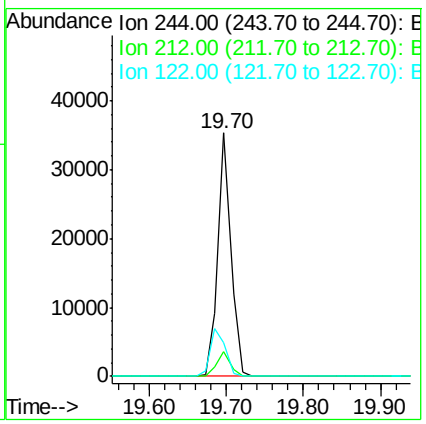


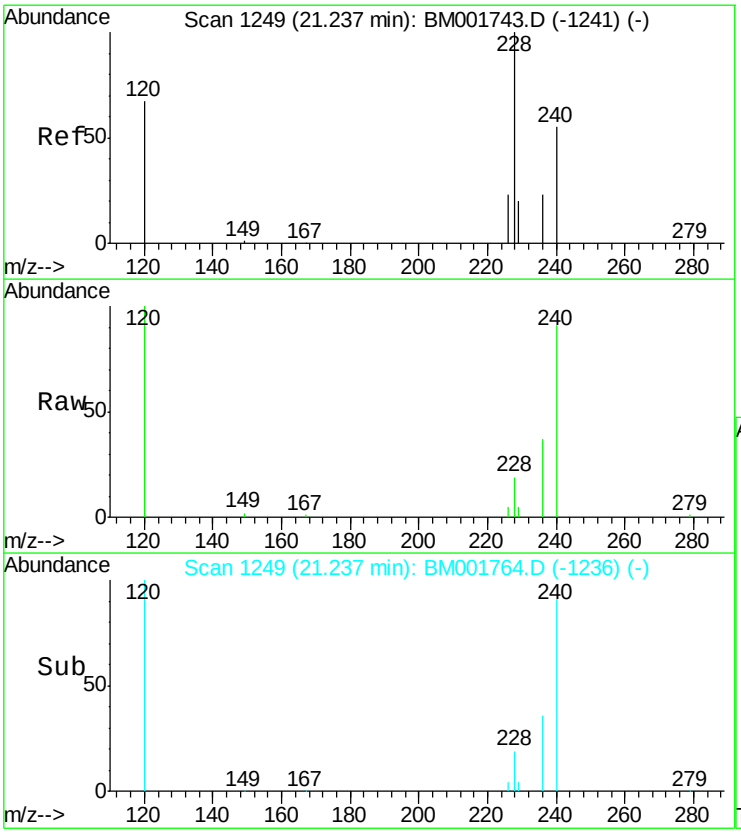
#27
Terphenyl-d14
Concen: 6.52 ng
RT: 19.70 min Scan# 1134
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:244 Resp: 41731

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.6	13.0
122	13.9	10.6	15.8

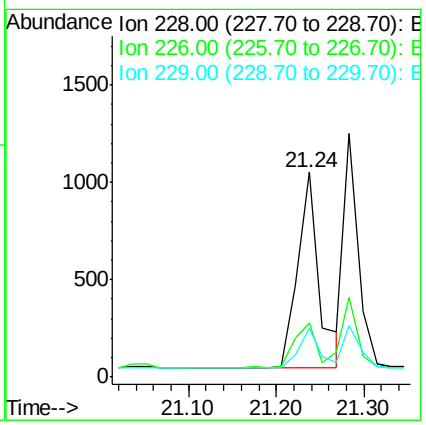


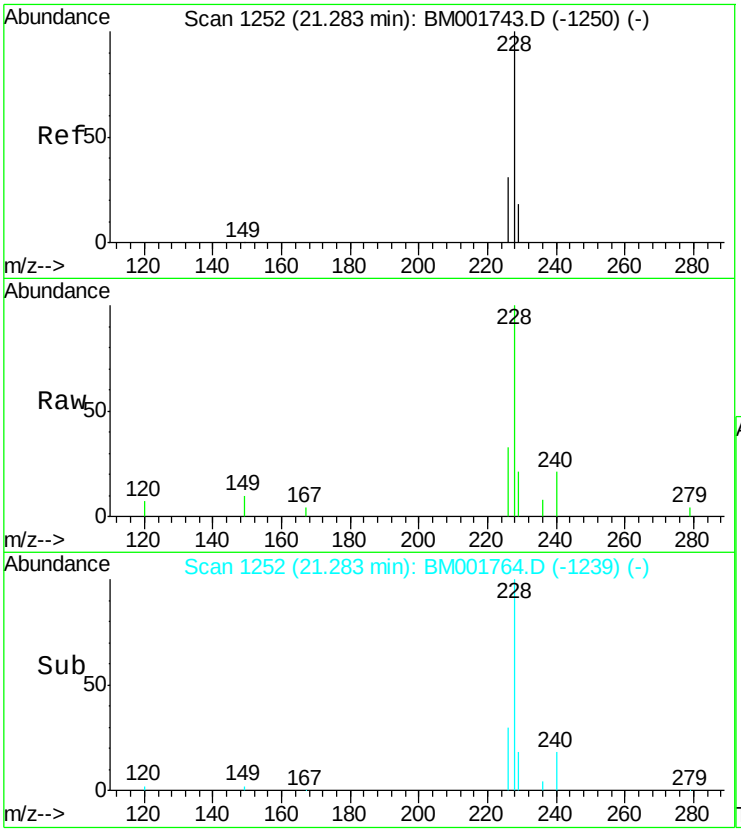


#28
Benzo(a)anthracene
Concen: 0.13 ng
RT: 21.24 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:228 Resp: 1688

Ion	Ratio	Lower	Upper
228	100		
226	26.6	18.9	28.3
229	23.9	16.6	25.0



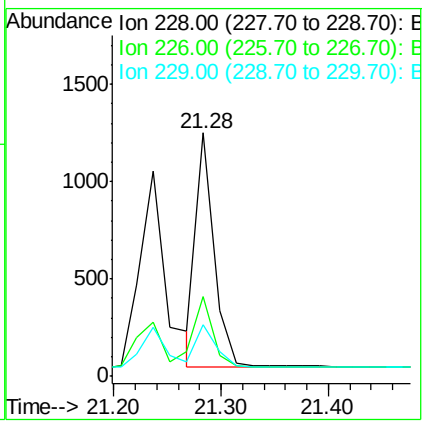


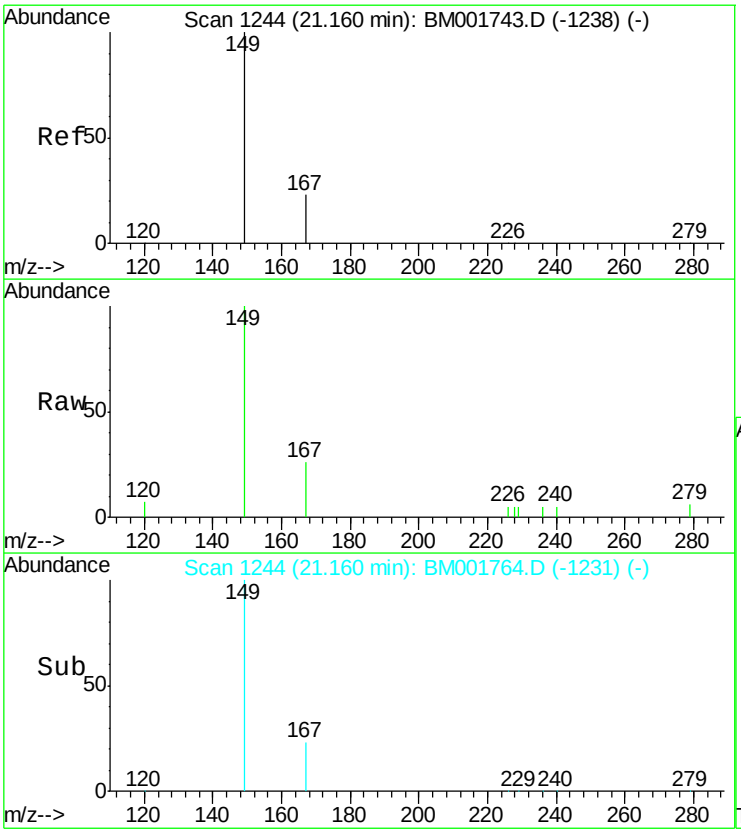
#29
Chrysene
Concen: 0.10 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:228 Resp: 1409

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.3	36.5
229	21.1	15.0	22.6

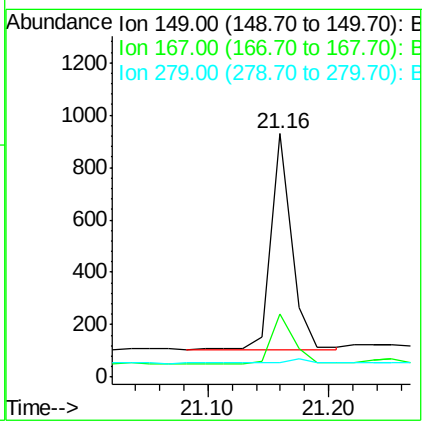


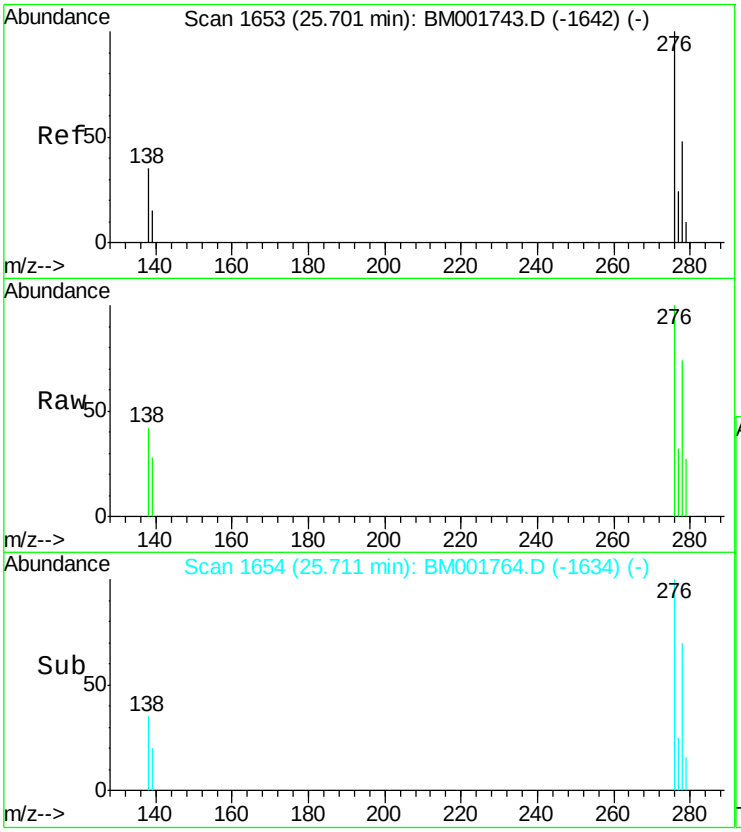


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.16 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:149 Resp: 975

Ion	Ratio	Lower	Upper
149	100		
167	24.6	19.7	29.5
279	3.8	1.6	2.4#



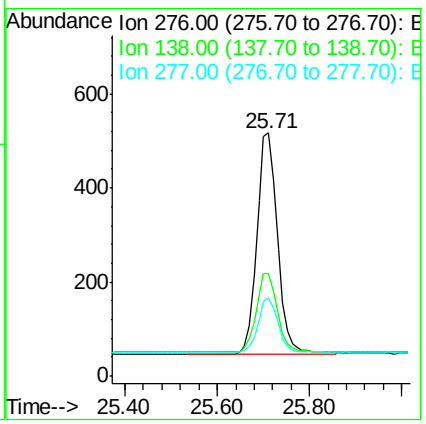


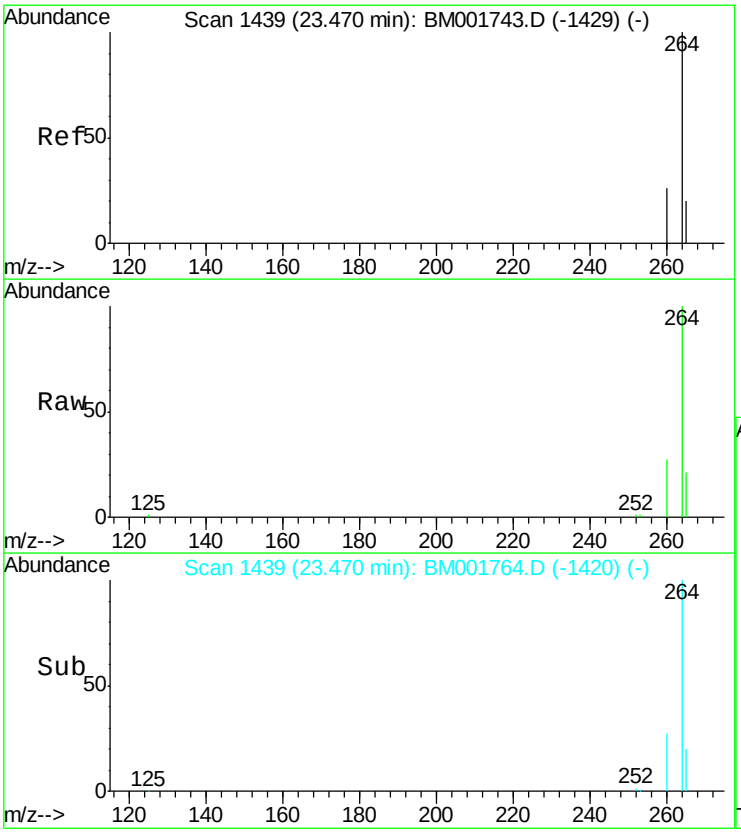
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 25.71 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:276 Resp: 1459

Ion	Ratio	Lower	Upper
276	100		
138	36.6	29.0	43.6
277	25.2	19.7	29.5

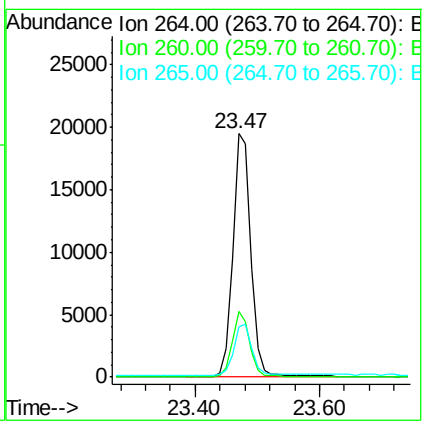


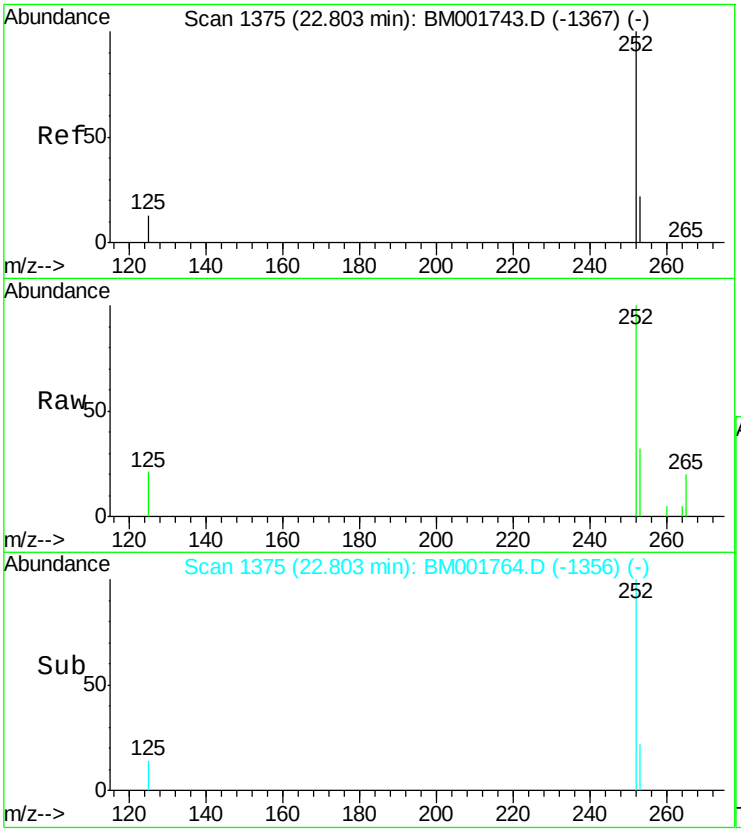


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:264 Resp: 38916

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.8	31.2
265	20.6	16.8	25.2



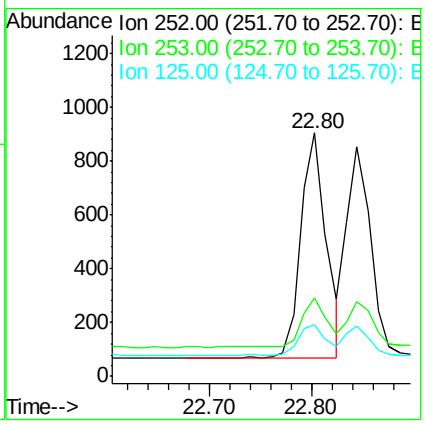


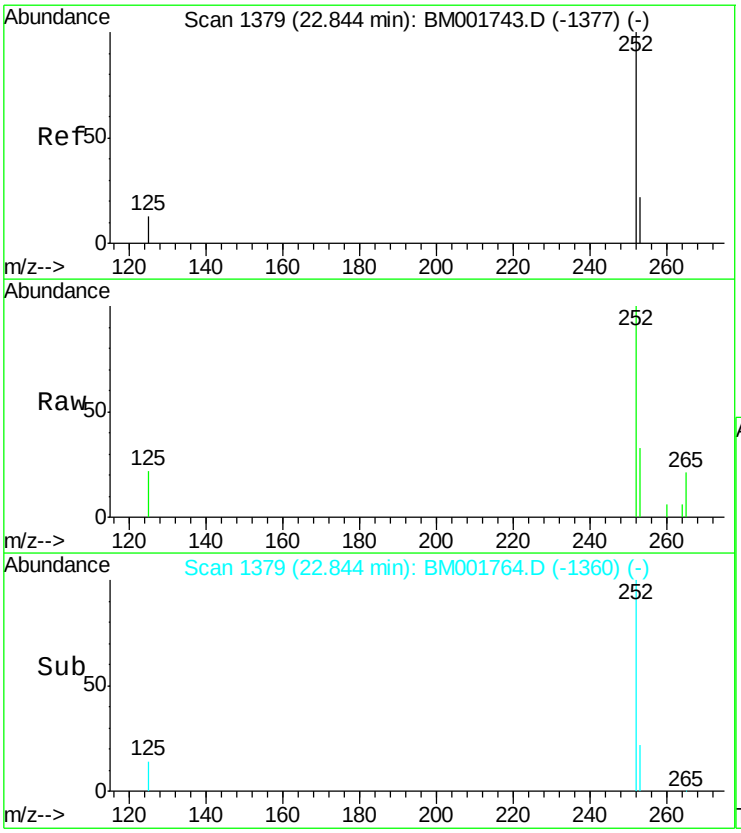
#33
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 22.80 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:252 Resp: 1466

Ion	Ratio	Lower	Upper
252	100		
253	32.4	19.0	28.4#
125	21.4	11.3	16.9#

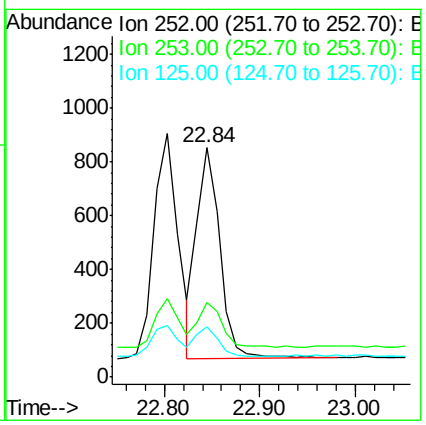


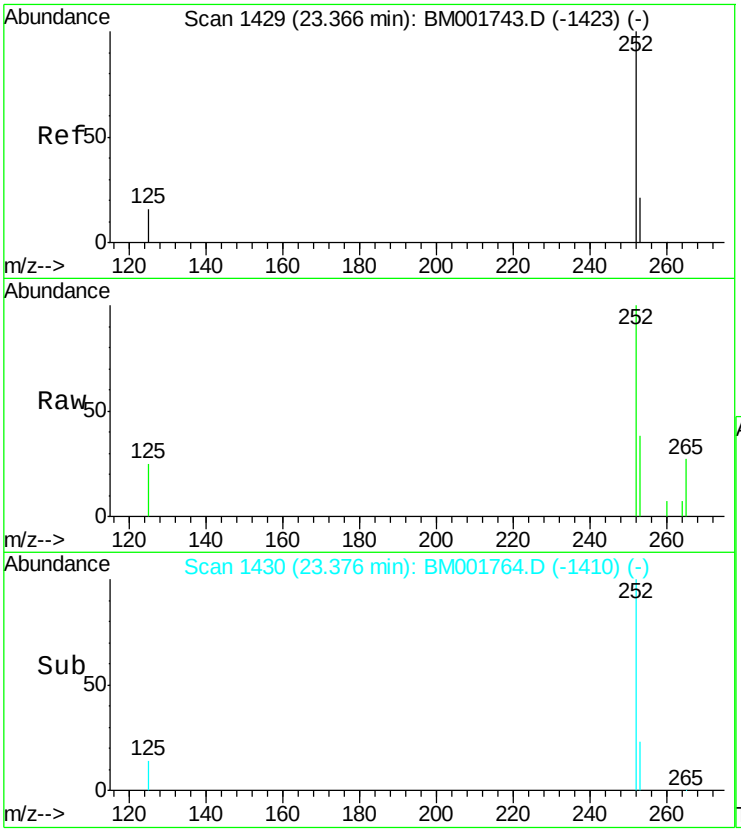


#34
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.84 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:252 Resp: 1313

Ion	Ratio	Lower	Upper
252	100		
253	32.6	18.2	27.4#
125	22.2	11.8	17.6#



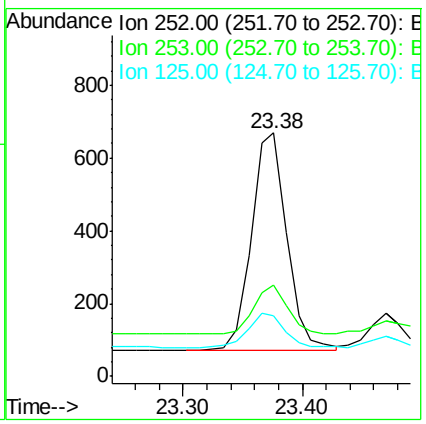


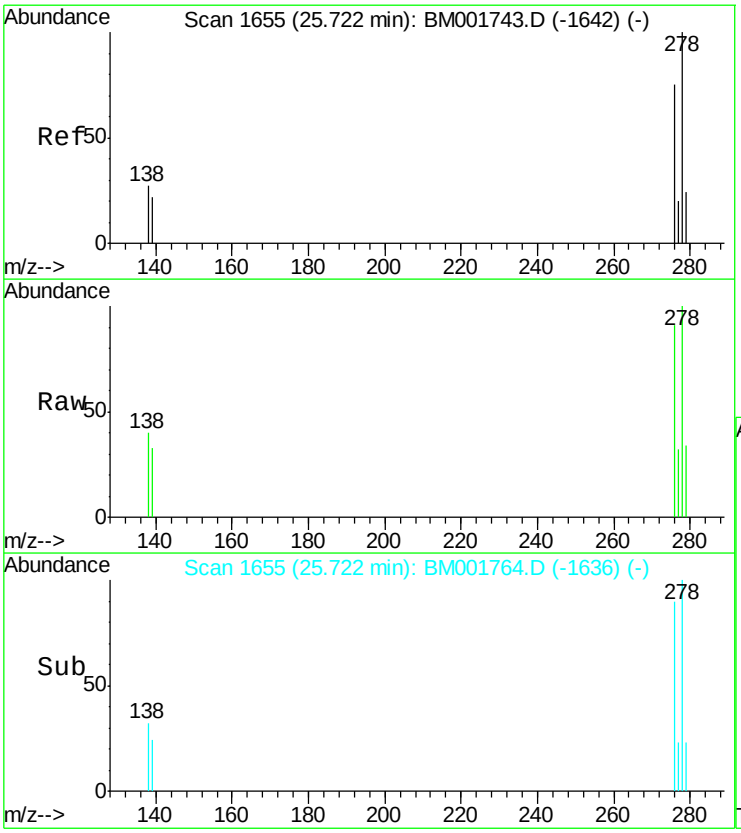
#35
Benzo(a)pyrene
Concen: 0.11 ng
RT: 23.38 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:252 Resp: 1231

Ion	Ratio	Lower	Upper
252	100		
253	37.5	17.9	26.9#
125	25.0	14.1	21.1#

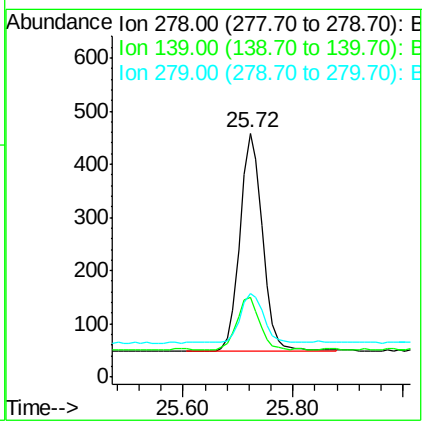


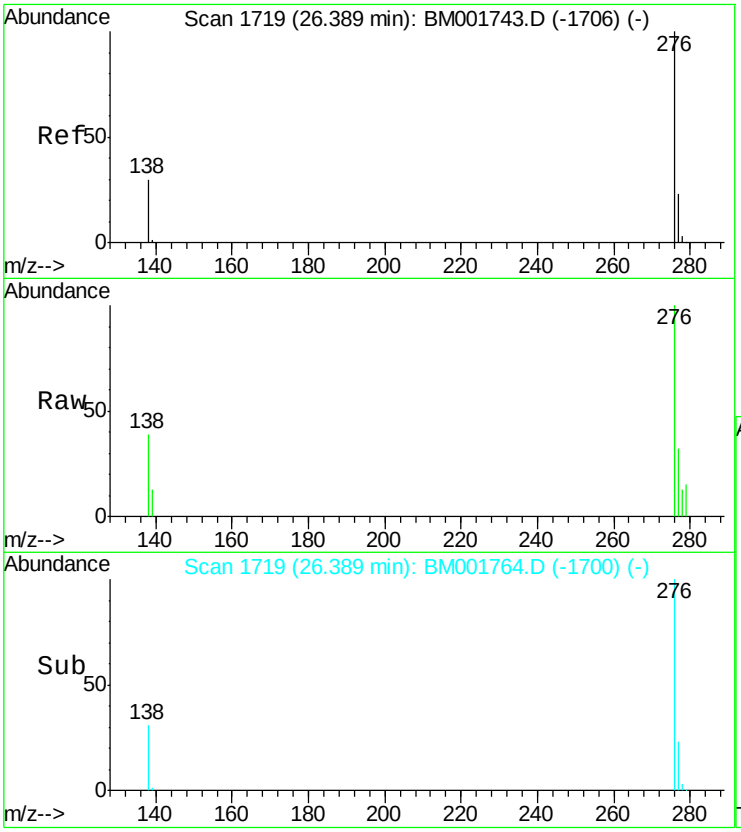


#36
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 25.72 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Tgt Ion:278 Resp: 1180

Ion	Ratio	Lower	Upper
278	100		
139	32.5	18.4	27.6#
279	34.5	19.8	29.8#





#37
Benzo(g,h,i)perylene
Concen: 0.12 ng
RT: 26.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM001764.D
Acq: 19 Jun 2015 16:26

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tgt Ion:276 Resp: 1310

Ion	Ratio	Lower	Upper
276	100		
277	31.7	19.3	28.9#
138	38.6	24.7	37.1#