Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005037.D
Acq On : 29 Mar 2019 17:03
Operator : JU/SJ
Sample : K1560-08
Misc : LOQ 0.2 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT1-2019

Quant Time: Mar 29 23:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2519	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	10496	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	6365	0.40	ng		0.01
19) Phenanthrene-d10	17.06	188	15925	0.40	ng		0.00
27) Chrysene-d12	21.26	240	17733	0.40	ng		0.00
34) Perylene-d12	23.50	264	17508	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2177	0.35	ng		0.00
5) Phenol-d6	6.85	99	2490	0.33	ng		0.00
8) Nitrobenzene-d5	8.83	82	1894	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	5795	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.83	330	1077	0.30	ng		0.01
15) 2-Fluorobiphenyl	12.93	172	8837	0.37	ng		0.01
25) Fluoranthene-d10	19.10	212	15783	0.35	ng		0.00
29) Terphenyl-d14	19.70	244	14620	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	533	0.197	ng		98
3) n-Nitrosodimethylamine	3.55	42	183	0.111	ng	#	1
6) bis(2-Chloroethyl)ether	7.10	93	1218	0.173	ng		97
9) Naphthalene	10.49	128	5255	0.199	ng		98
10) Hexachlorobutadiene	10.76	225	998	0.204	ng	#	99
12) 2-Methylnaphthalene	12.12	142	3671	0.193	ng		99
16) Acenaphthylene	14.03	152	5303	0.177	ng		100
17) Acenaphthene	14.37	154	3773	0.198	ng		99
18) Fluorene	15.36	166	5028	0.196	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	1686	0.185	ng	#	83
21) Hexachlorobenzene	16.36	284	2003	0.199	ng		99
22) Pentachlorophenol	16.76	266	116	0.147	ng	#	80
23) Phenanthrene	17.10	178	8579	0.192	ng		99
24) Anthracene	17.20	178	6939	0.175	ng		100
26) Fluoranthene	19.13	202	10367	0.190	ng		100
28) Pyrene	19.50	202	10340	0.205	ng		100
30) Benzo(a)anthracene	21.25	228	9544	0.191	ng		99
31) Chrysene	21.30	228	10786	0.200	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	3222	0.154	ng		99
33) Indeno(1,2,3-cd)pyrene	25.75	276	11602	0.191	ng		99
35) Benzo(b)fluoranthene	22.82	252	10641	0.190	ng		97
36) Benzo(k)fluoranthene	22.87	252	10695	0.197	ng		96
37) Benzo(a)pyrene	23.40	252	9438	0.189	ng		94
38) Dibenzo(a,h)anthracene	25.76	278	9313	0.186	ng		97
39) Benzo(g,h,i)perylene	26.45	276	9962	0.198	ng		98

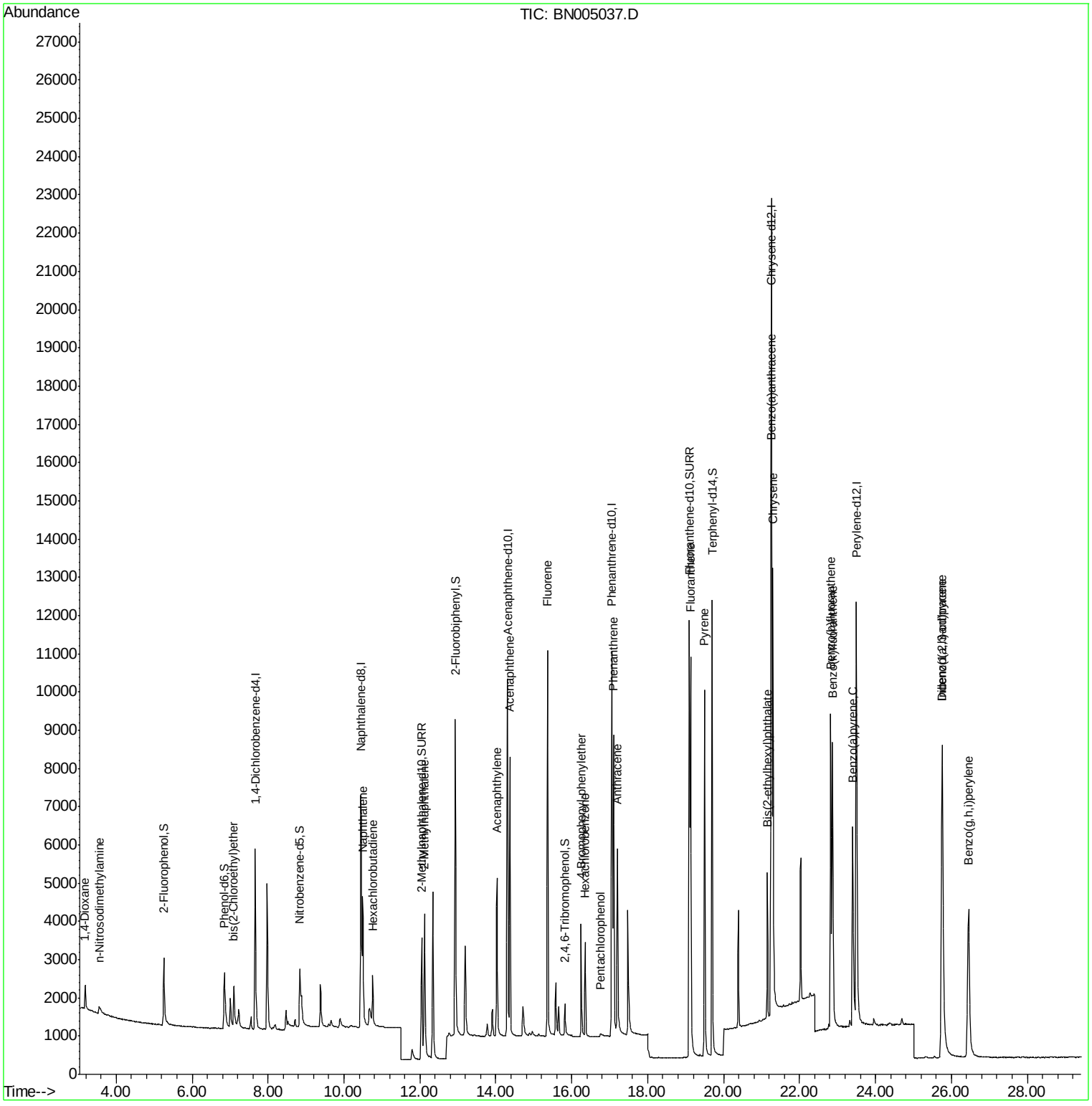
(#) = qualifier out of range (m) = manual integration (+) = signals summed

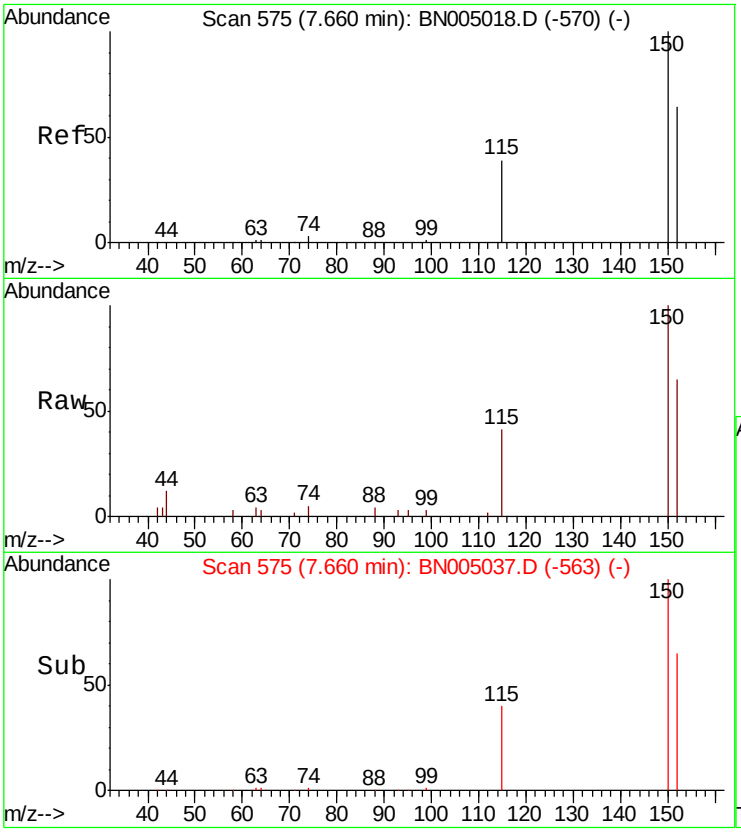
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005037.D
Acq On : 29 Mar 2019 17:03
Operator : JU/SJ
Sample : K1560-08
Misc : LOQ 0.2 PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Quant Time: Mar 29 23:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration



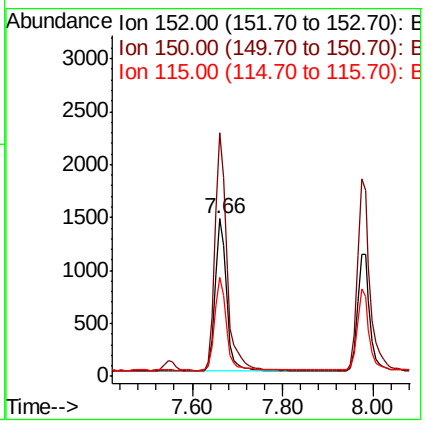


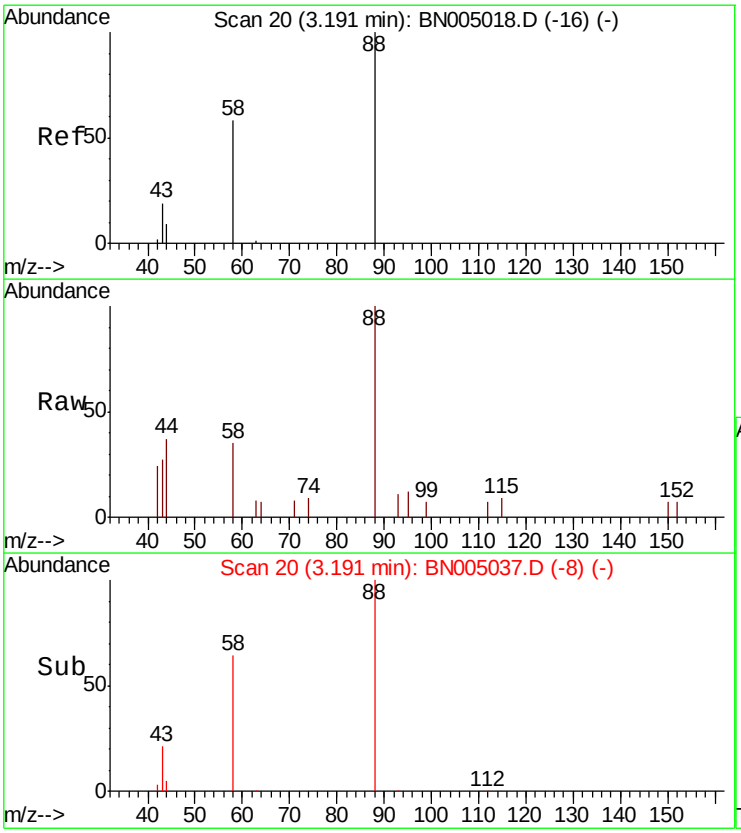
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:152 Resp: 2519

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.4	185.2
115	63.2	50.0	75.0

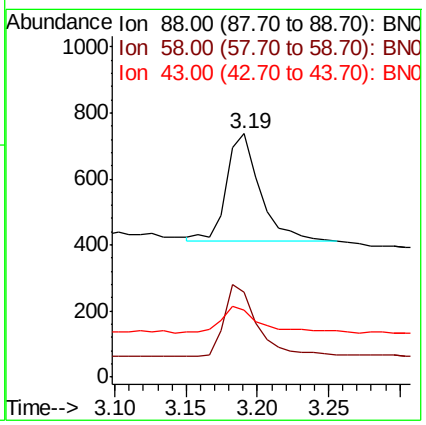


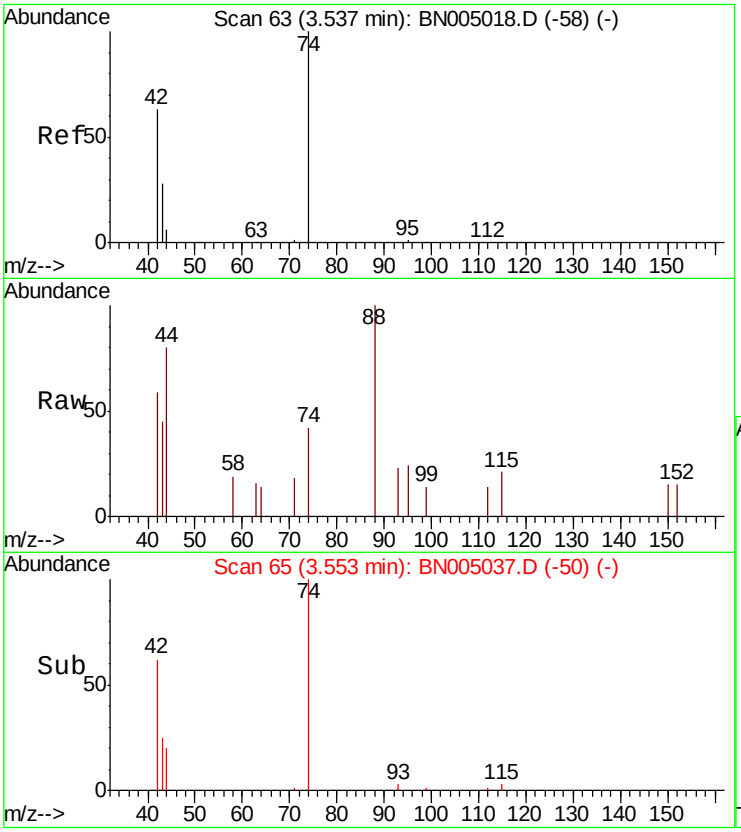


#2
1,4-Dioxane
Concen: 0.197 ng
RT: 3.19 min Scan# 20
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion: 88 Resp: 533

Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.8	79.2
43	26.8	19.6	29.4



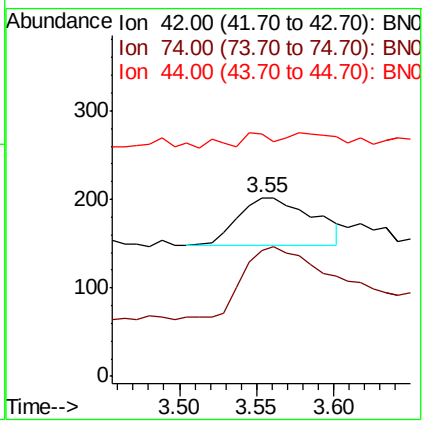


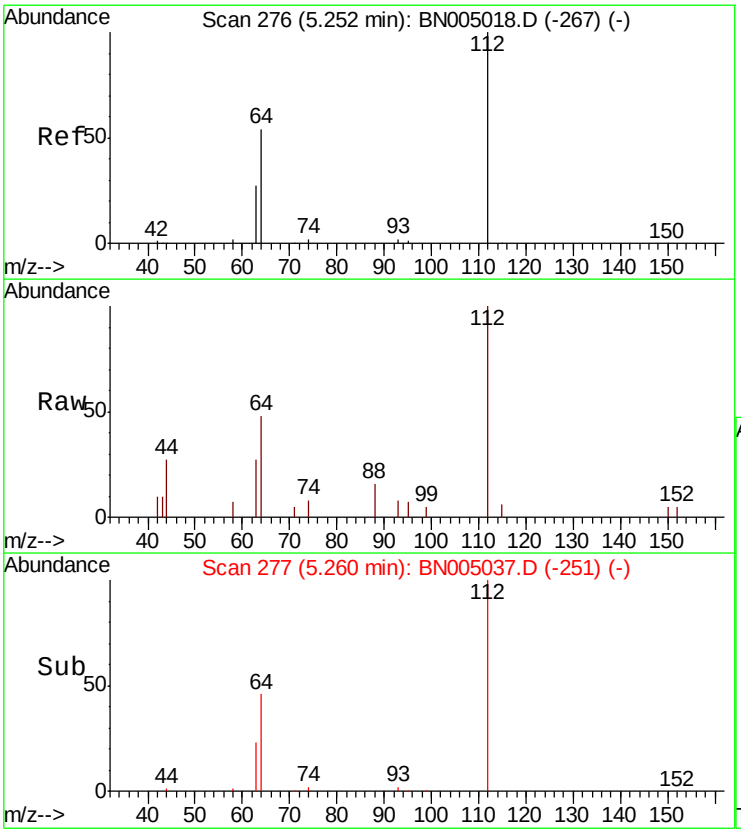
#3
n-Nitrosodimethylamine
Concen: 0.111 ng
RT: 3.55 min Scan# 65
Delta R.T. 0.02 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 42 Resp: 183

Ion	Ratio	Lower	Upper
42	100		
74	0.0	129.1	193.7#
44	14.8	11.6	17.4

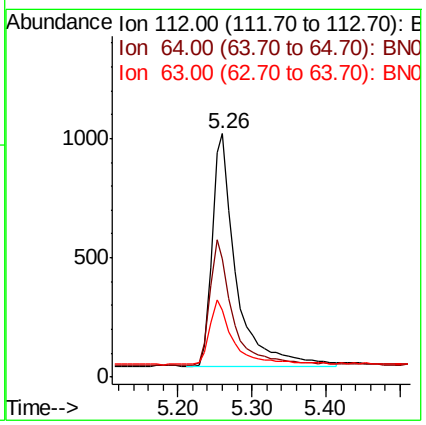


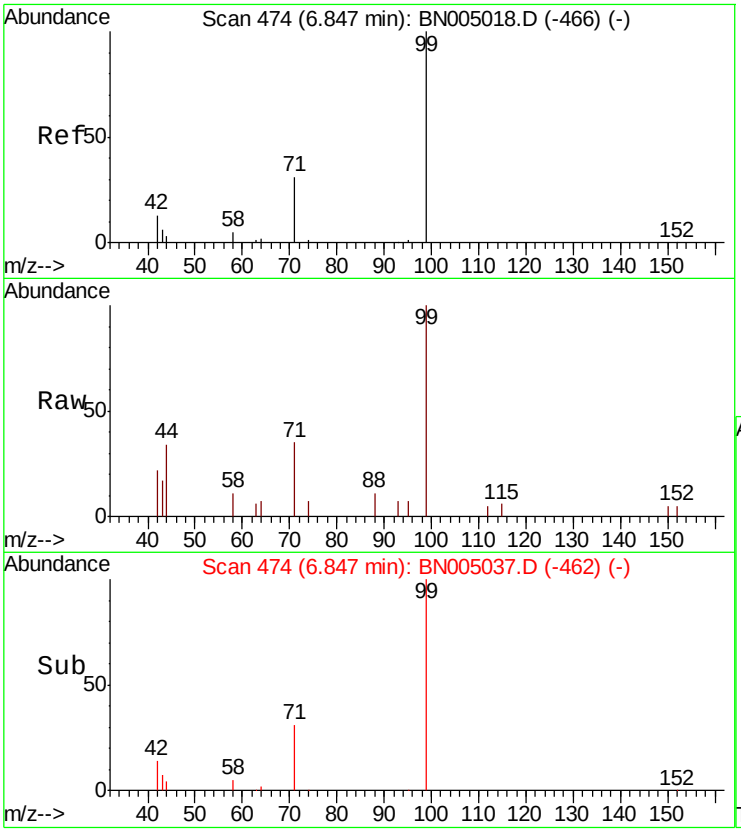


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:112 Resp: 2177

Ion	Ratio	Lower	Upper
112	100		
64	52.6	41.9	62.9
63	26.6	21.5	32.3



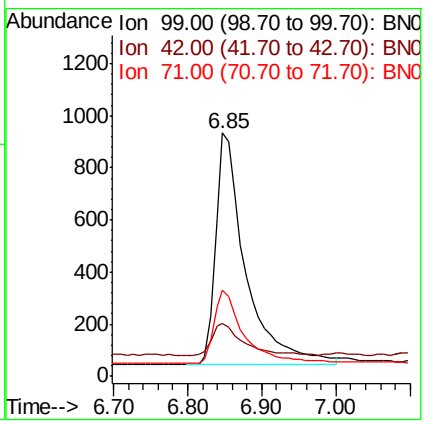


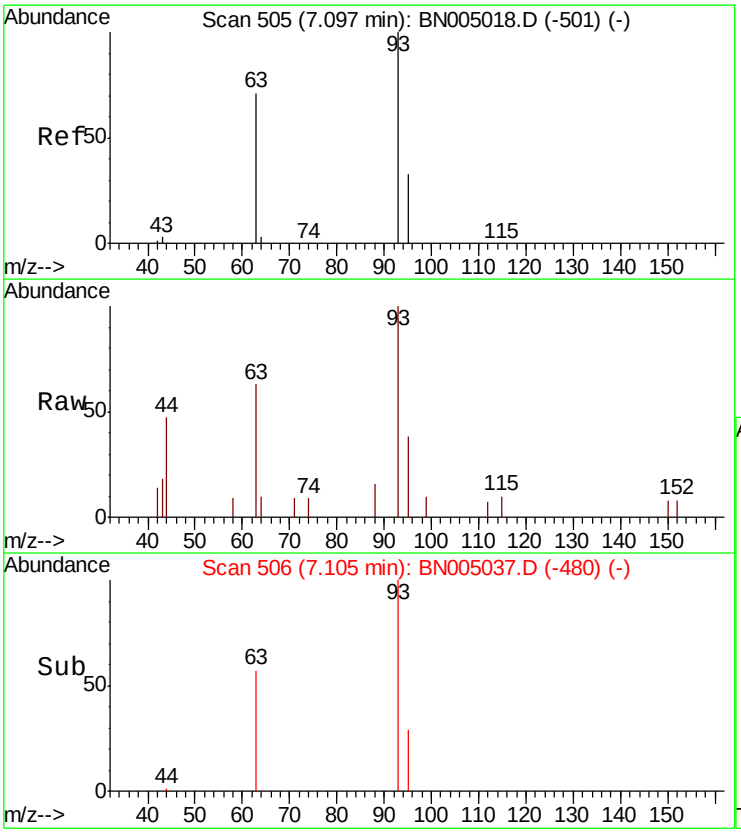
#5
Phenol-d6
Concen: 0.334 ng
RT: 6.85 min Scan# 474
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion: 99 Resp: 2490

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.2	18.2
71	31.8	26.1	39.1

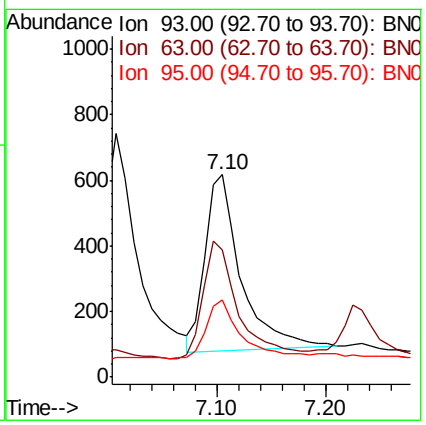


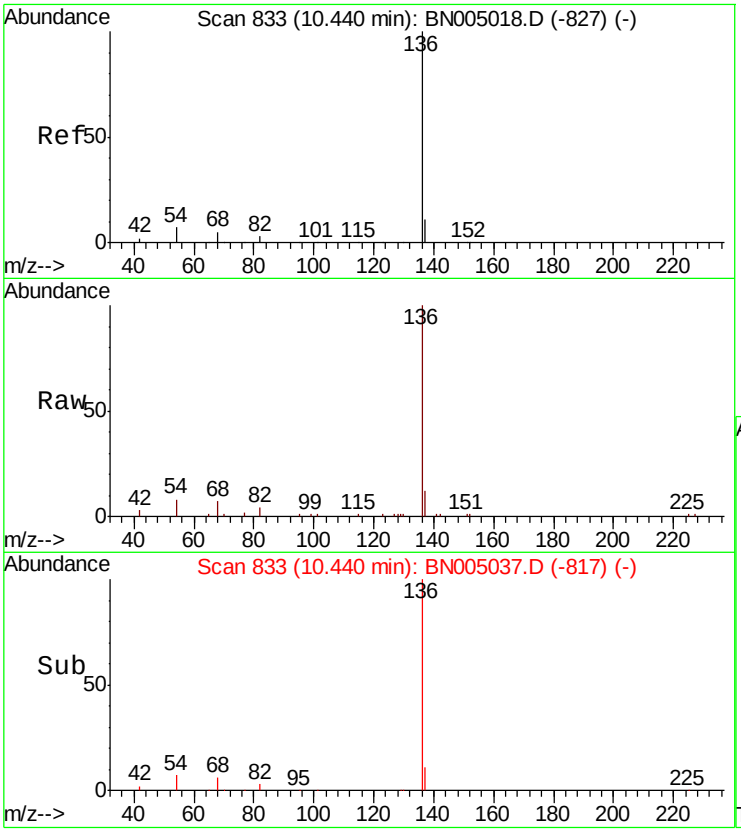


#6
bis(2-Chloroethyl)ether
Concen: 0.173 ng
RT: 7.10 min Scan# 506
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion: 93 Resp: 1218

Ion	Ratio	Lower	Upper
93	100		
63	66.7	51.8	77.6
95	32.8	24.8	37.2



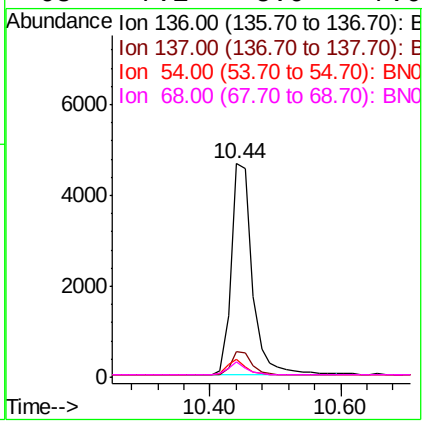


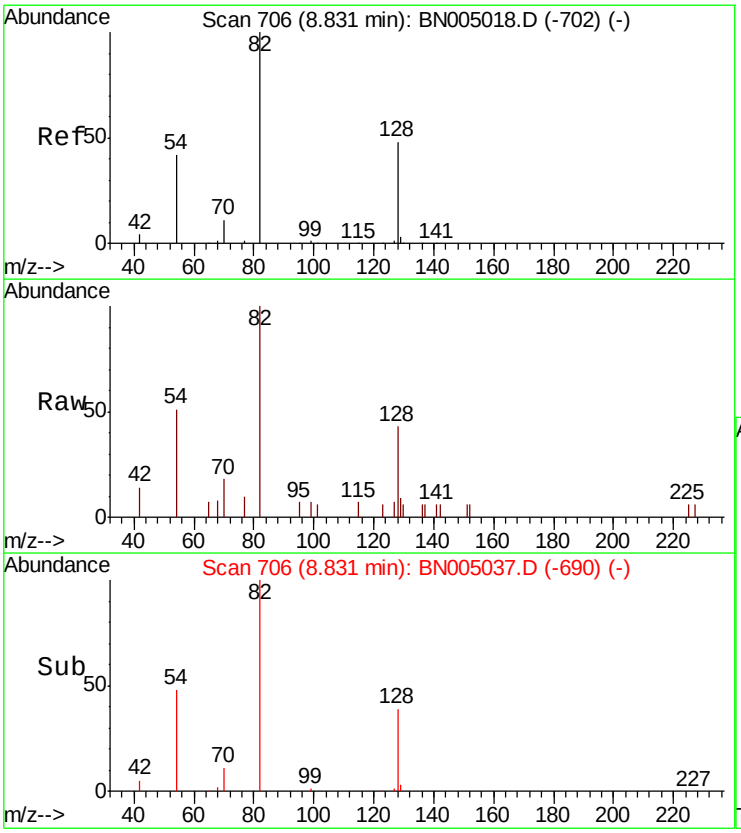
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:136 Resp: 10496

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	8.4	6.0	9.0
68	7.1	5.0	7.6

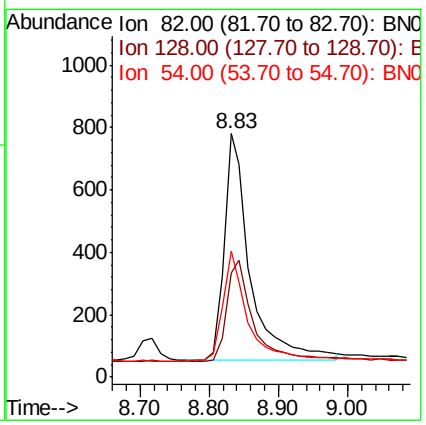


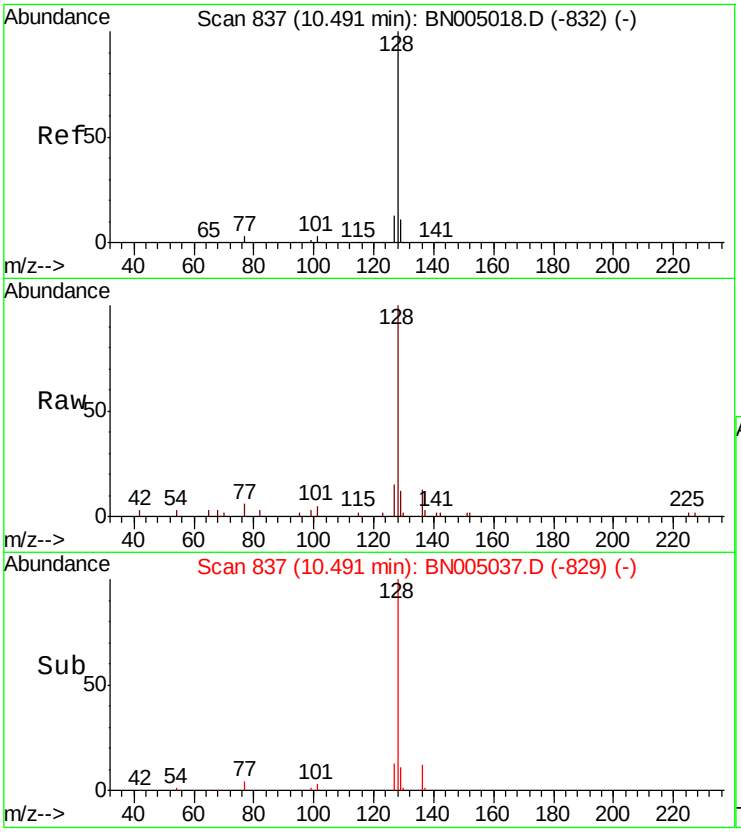


#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion: 82 Resp: 1894

Ion	Ratio	Lower	Upper
82	100		
128	42.6	40.5	60.7
54	51.5	35.7	53.5



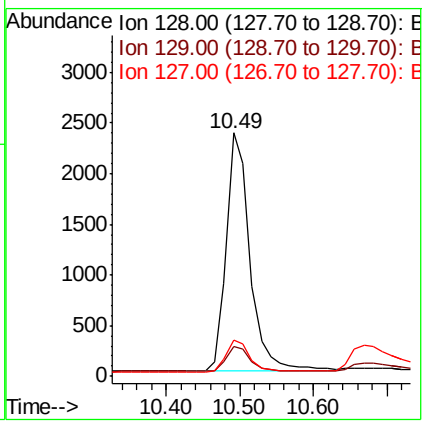


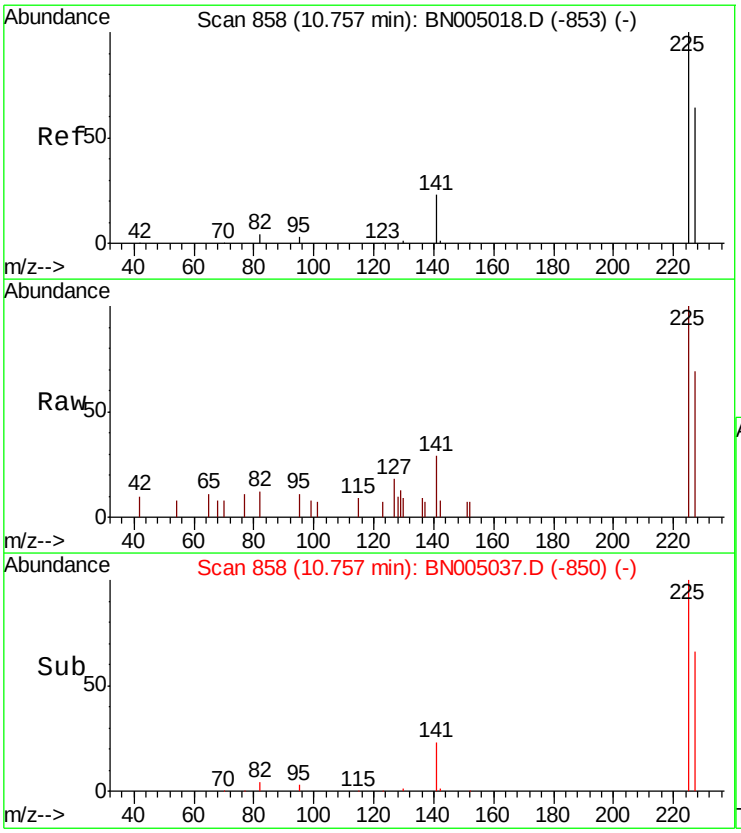
#9
Naphthalene
Concen: 0.199 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:128 Resp: 5255

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.4	14.2
127	14.8	11.0	16.6

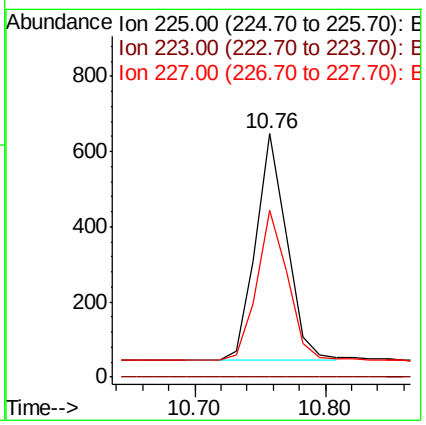


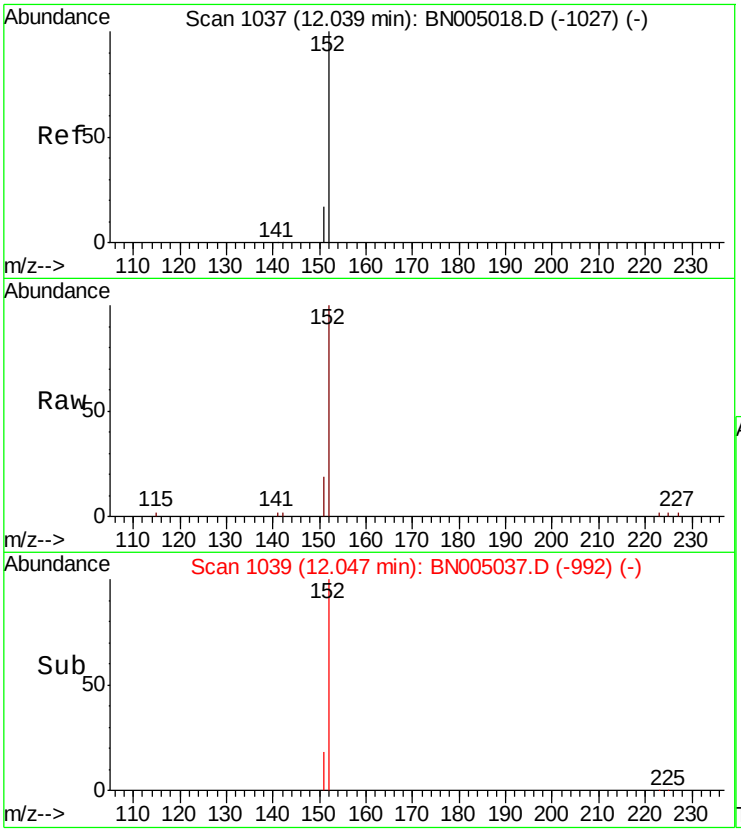


#10
Hexachlorobutadiene
Concen: 0.204 ng
RT: 10.76 min Scan# 858
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:225 Resp: 998

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	51.5	77.3



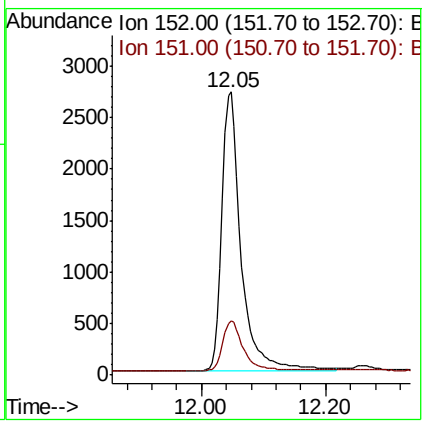


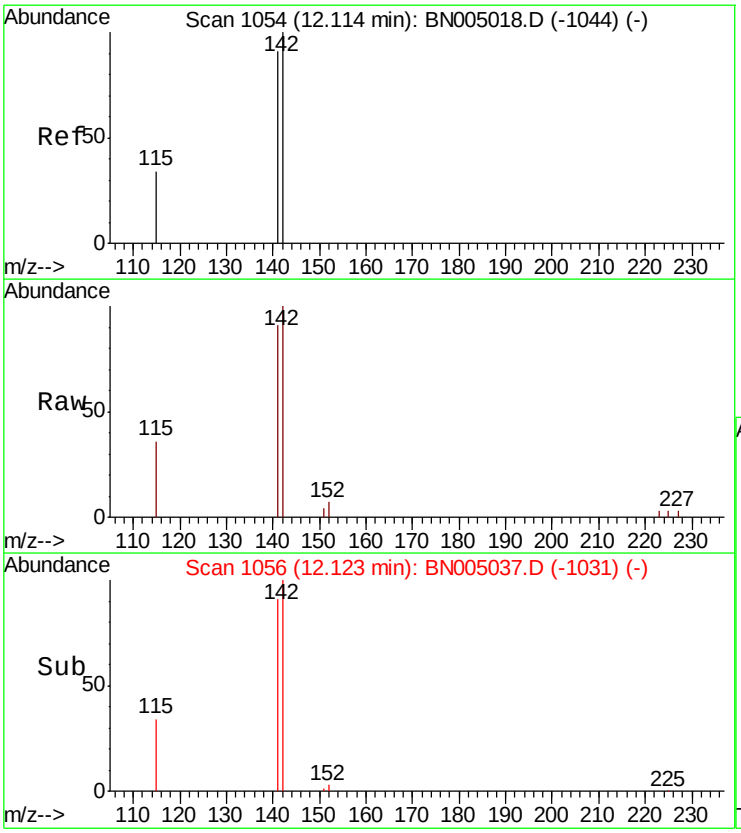
#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.05 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:152 Resp: 5795

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.3	22.9

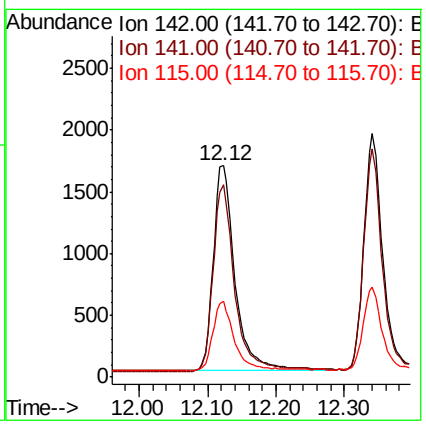


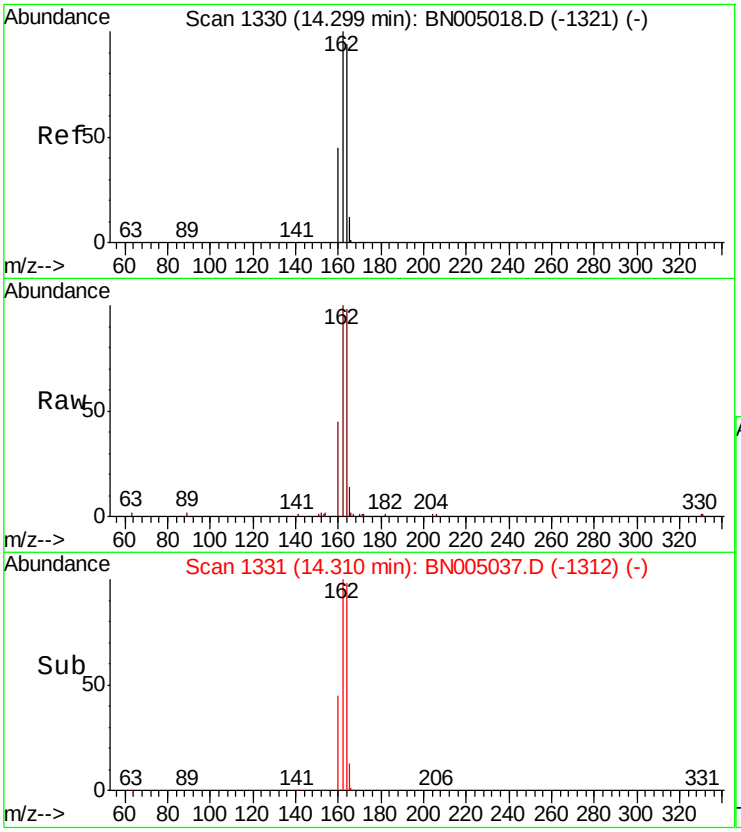


#12
2-Methylnaphthalene
Concen: 0.193 ng
RT: 12.12 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:142 Resp: 3671

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.6	108.8
115	36.1	27.8	41.8



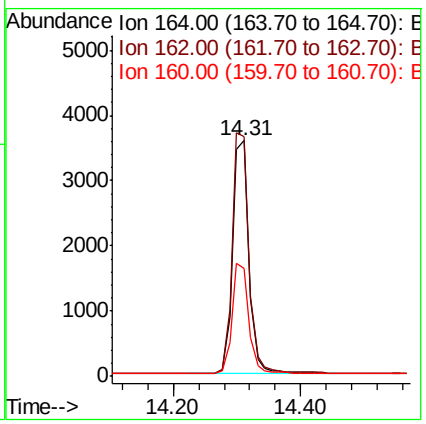


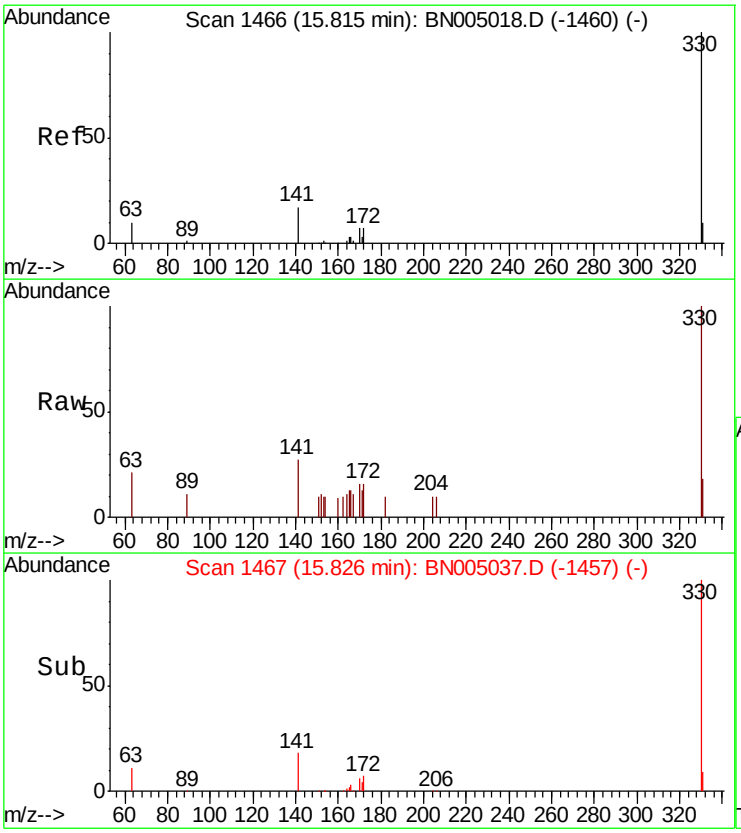
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:164 Resp: 6365

Ion	Ratio	Lower	Upper
164	100		
162	101.9	85.3	127.9
160	46.1	39.2	58.8

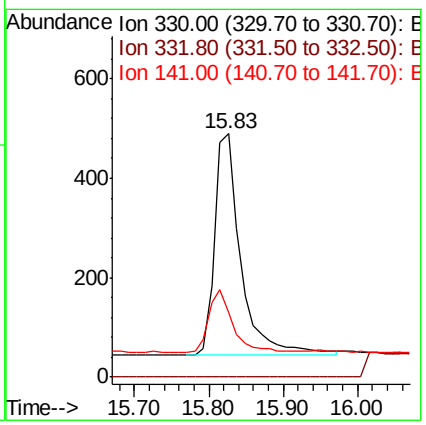


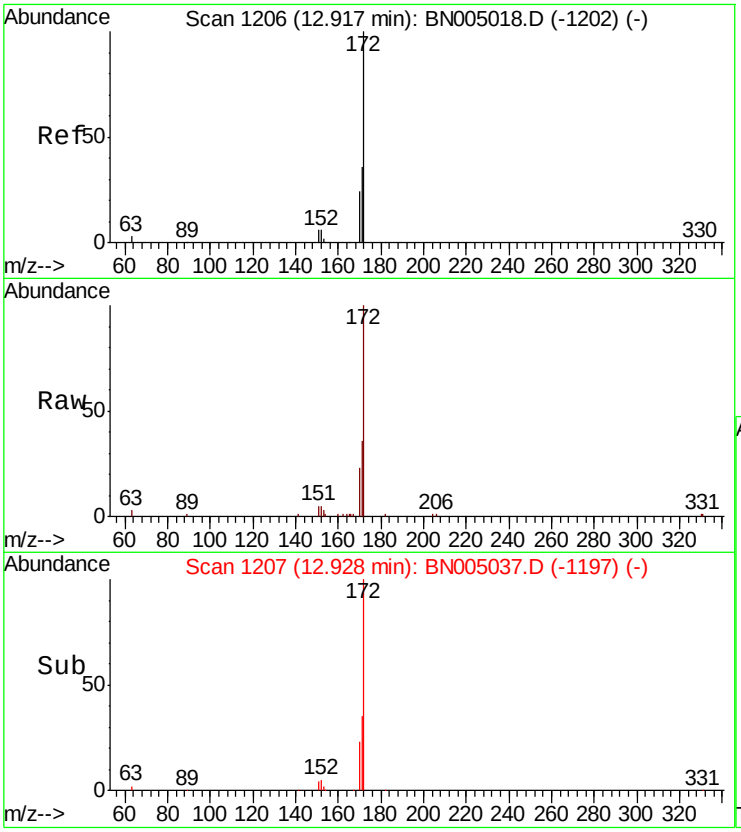


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 15.83 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:330 Resp: 1077

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	21.3	31.9



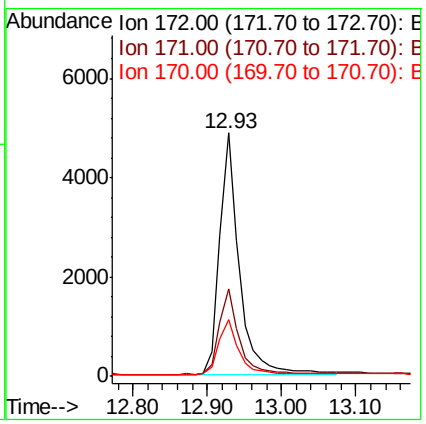


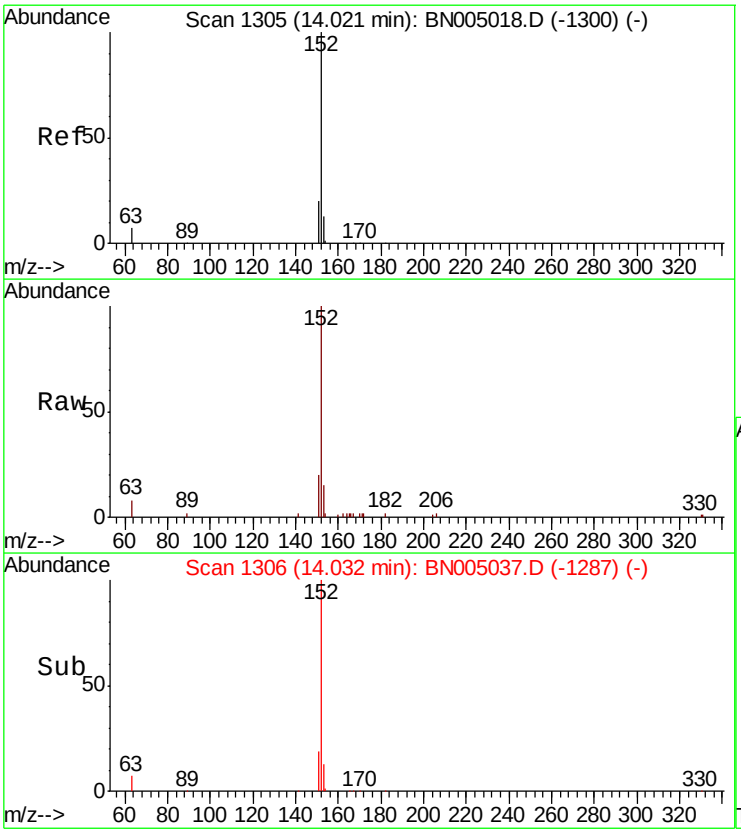
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.93 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:172 Resp: 8837

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.4	20.0	30.0

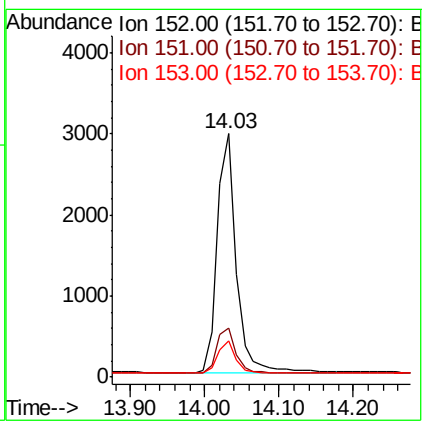


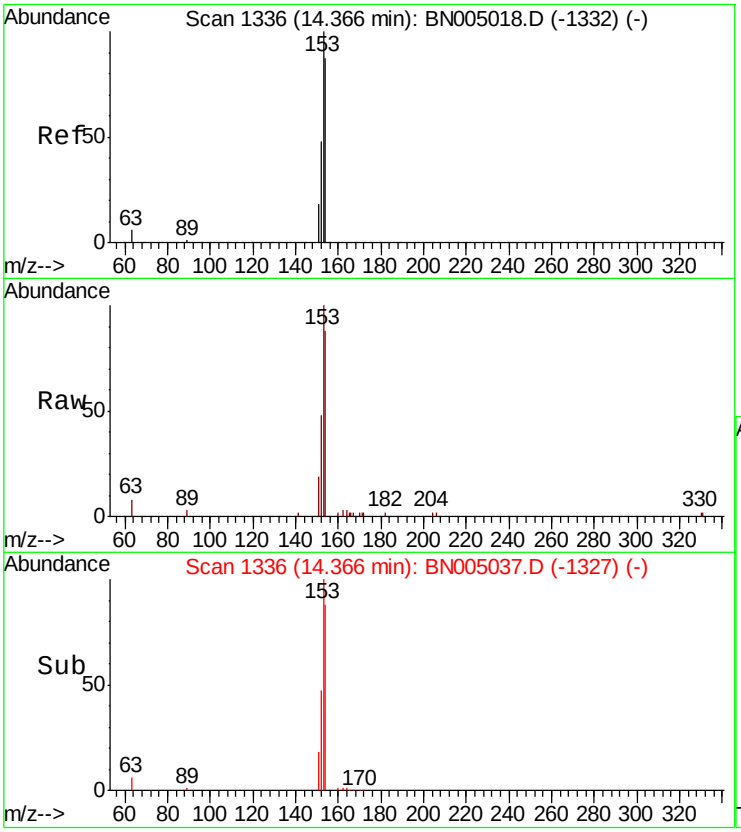


#16
Acenaphthylene
Concen: 0.177 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:152 Resp: 5303

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.3	10.6	15.8



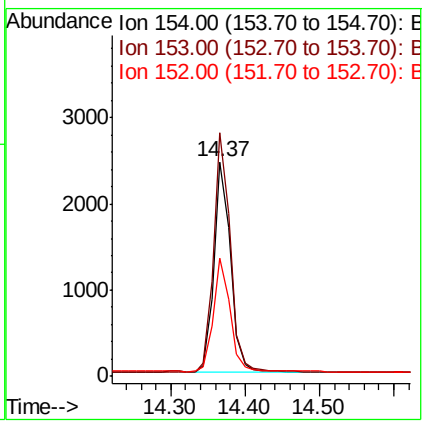


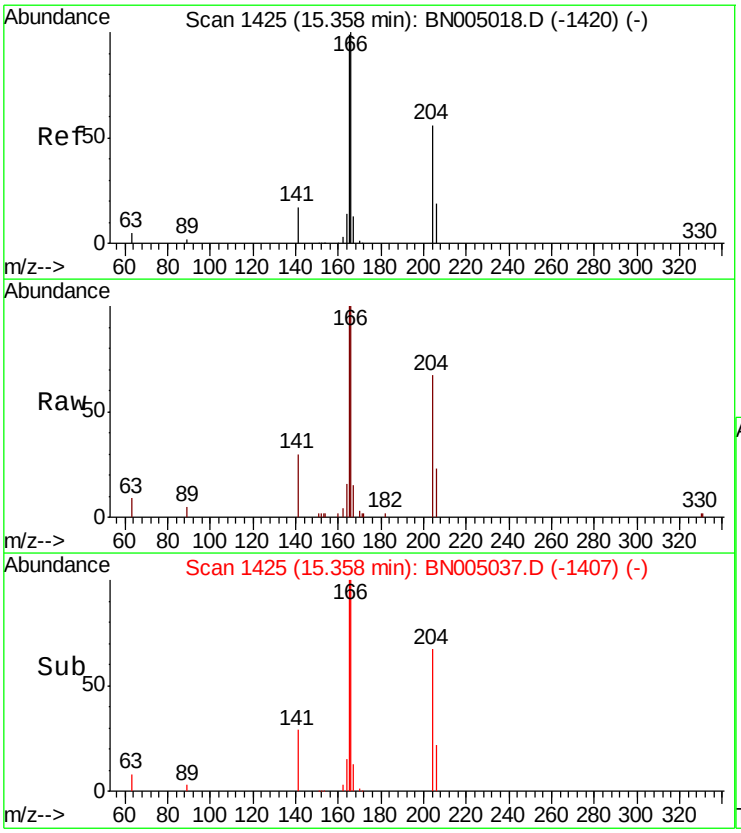
#17
Acenaphthene
Concen: 0.198 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:154 Resp: 3773

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.1	138.1
152	54.5	44.2	66.2

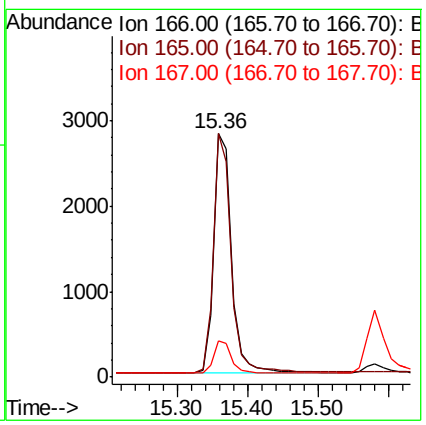


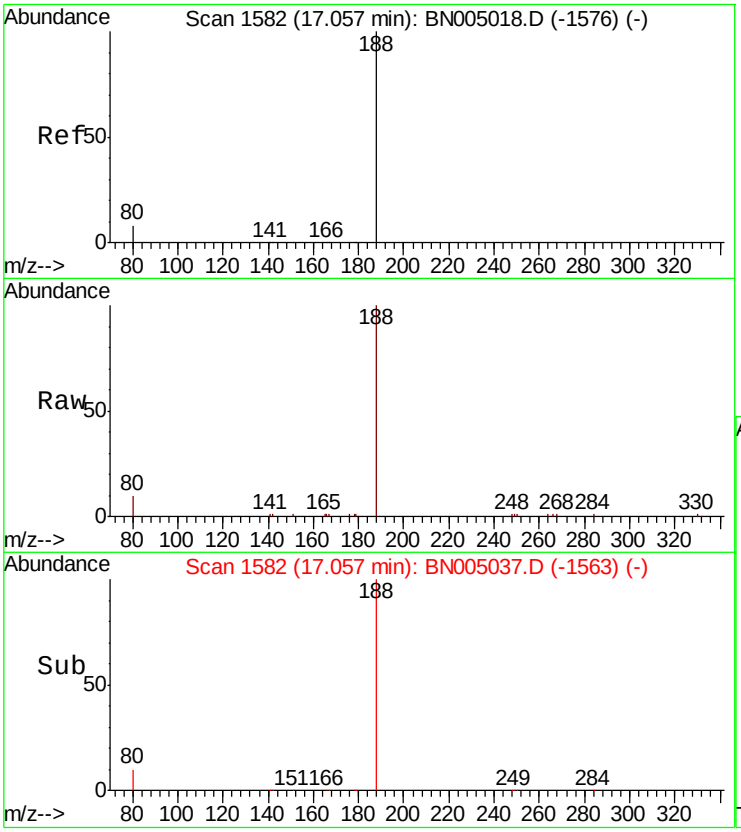


#18
Fluorene
Concen: 0.196 ng
RT: 15.36 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:166 Resp: 5028

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.3	10.9	16.3



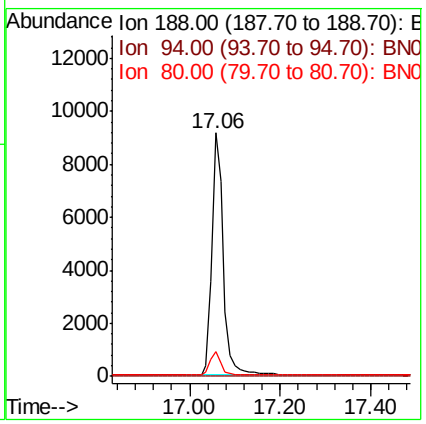


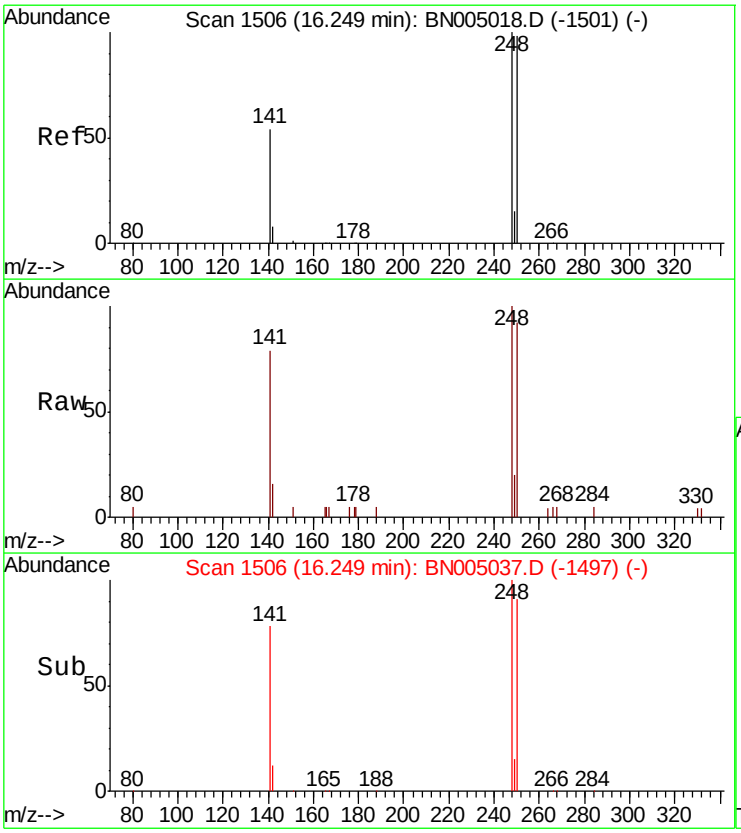
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:188 Resp: 15925

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	6.9	10.3

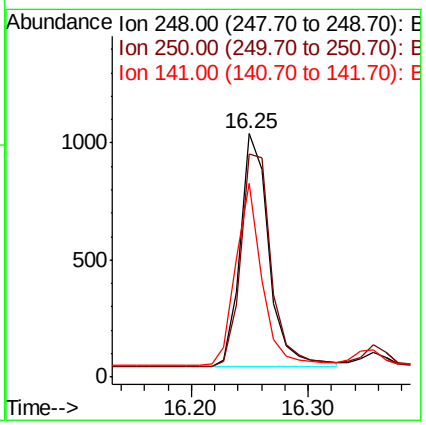


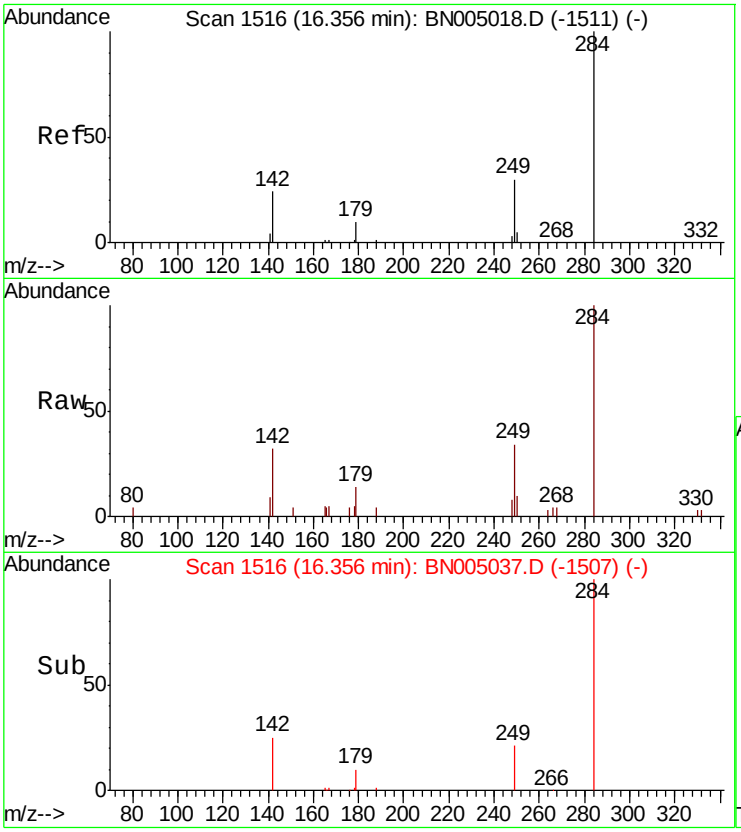


#20
4-Bromophenyl-phenylether
Concen: 0.185 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:248 Resp: 1686

Ion	Ratio	Lower	Upper
248	100		
250	91.5	78.6	117.8
141	79.3	43.6	65.4#



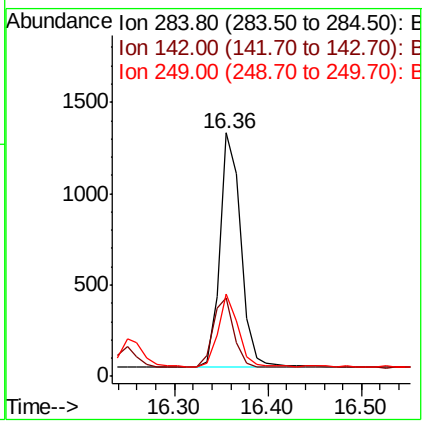


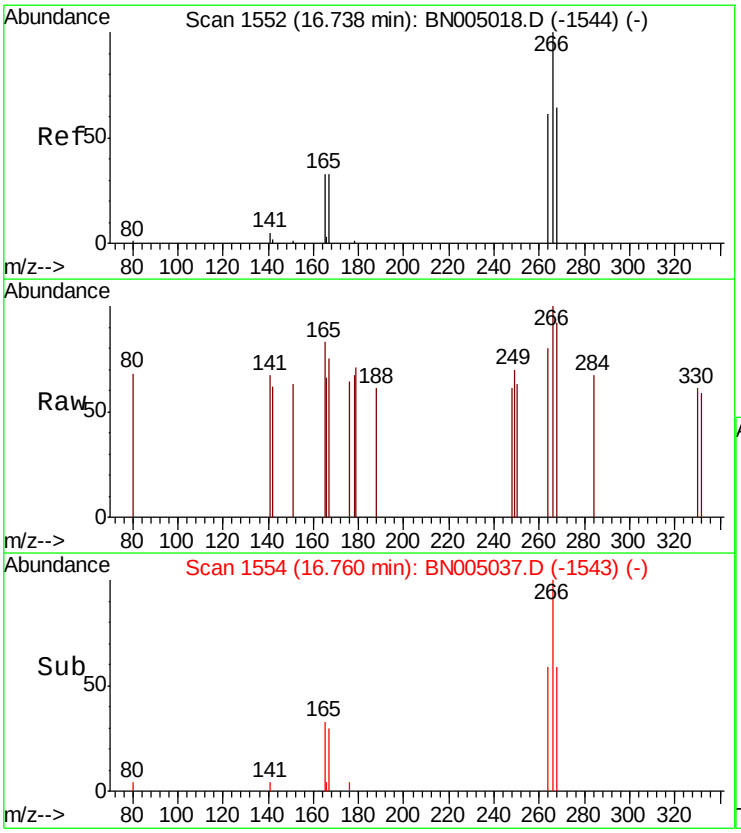
#21
Hexachlorobenzene
Concen: 0.199 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:284 Resp: 2003

Ion	Ratio	Lower	Upper
284	100		
142	30.1	24.9	37.3
249	29.2	23.8	35.6

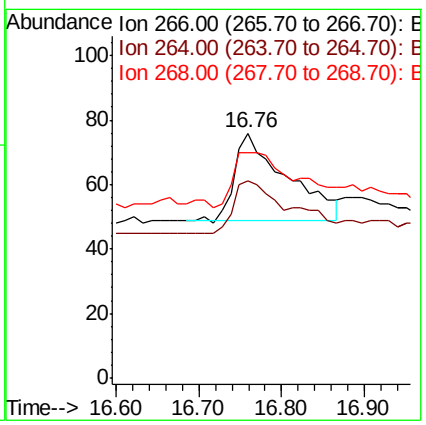


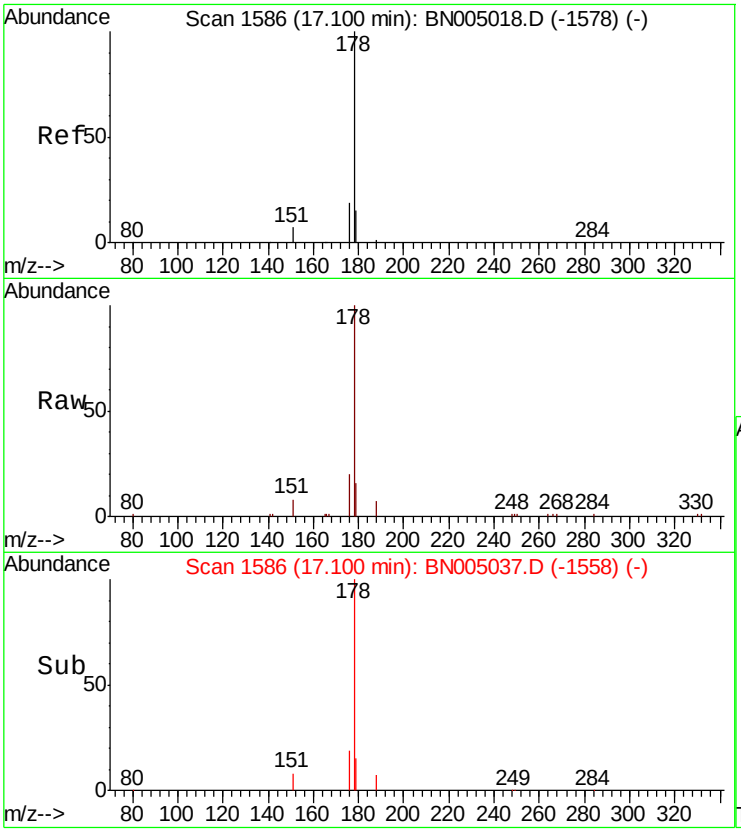


#22
Pentachlorophenol
Concen: 0.147 ng
RT: 16.76 min Scan# 1554
Delta R.T. 0.02 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:266 Resp: 116

Ion	Ratio	Lower	Upper
266	100		
264	80.3	53.4	80.0#
268	92.1	58.9	88.3#



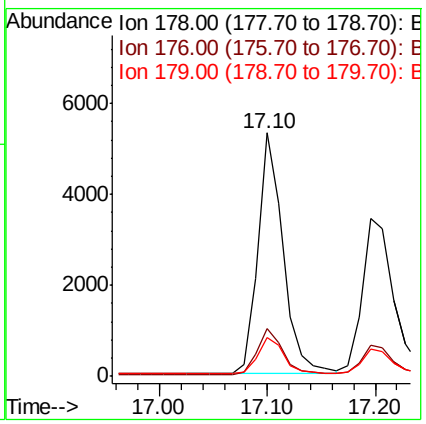


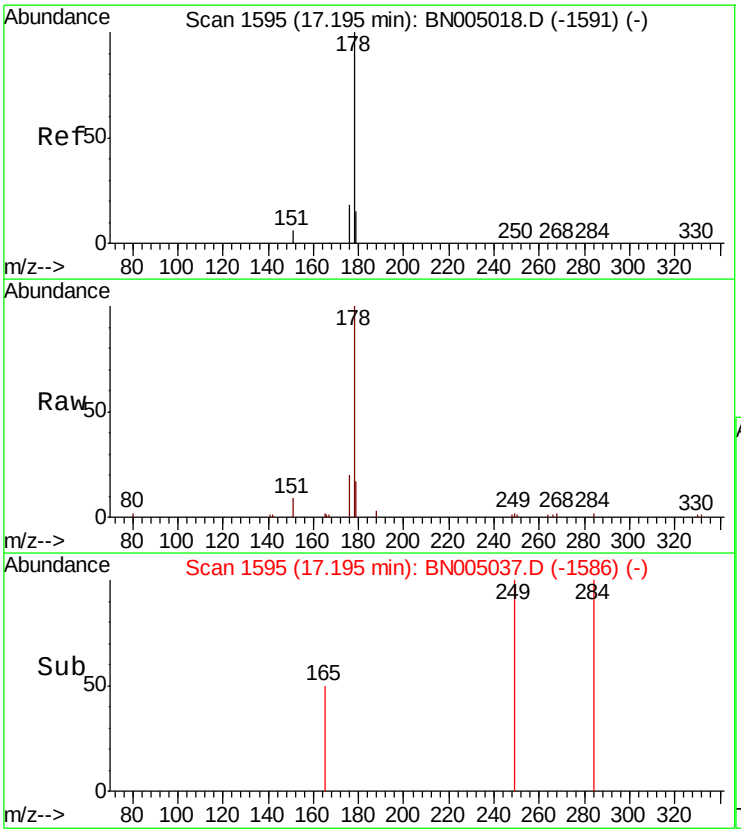
#23
Phenanthrene
Concen: 0.192 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:178 Resp: 8579

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.2	18.2

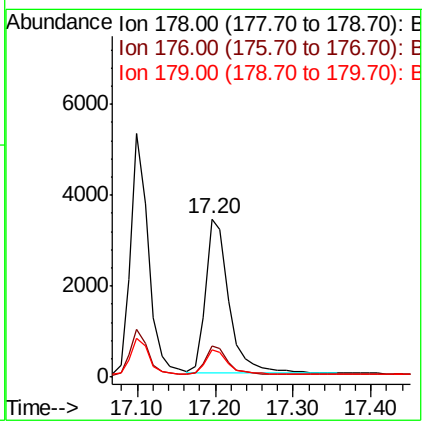


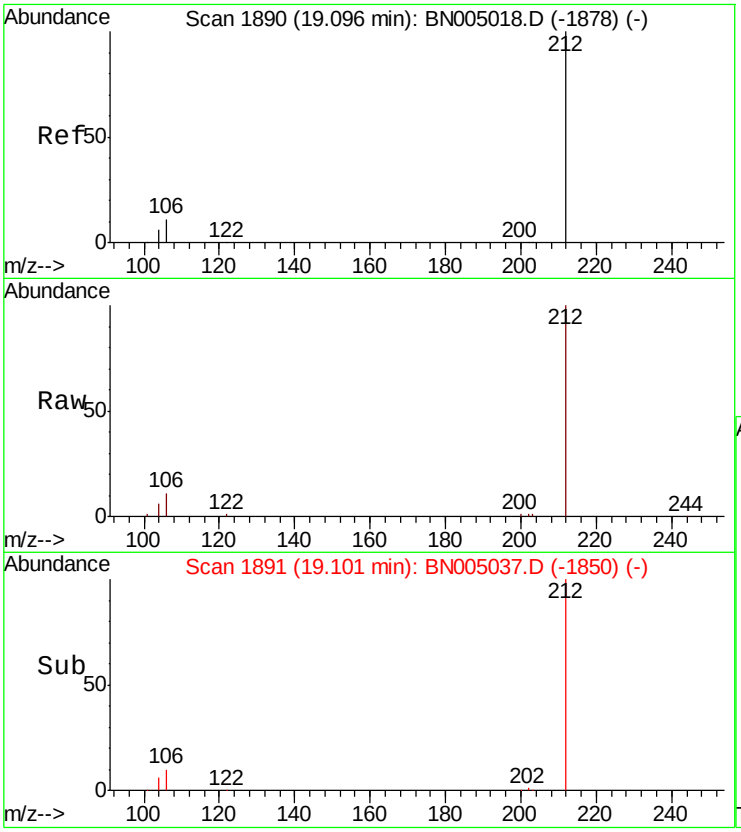


#24
Anthracene
Concen: 0.175 ng
RT: 17.20 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:178 Resp: 6939

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.5	12.3	18.5



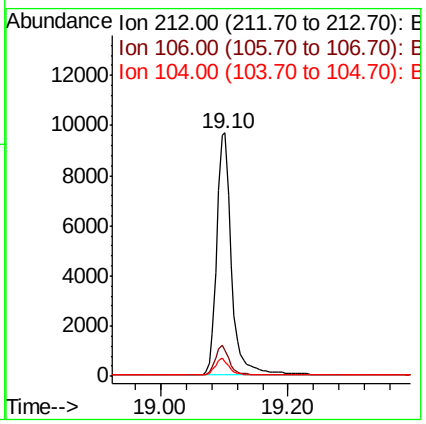


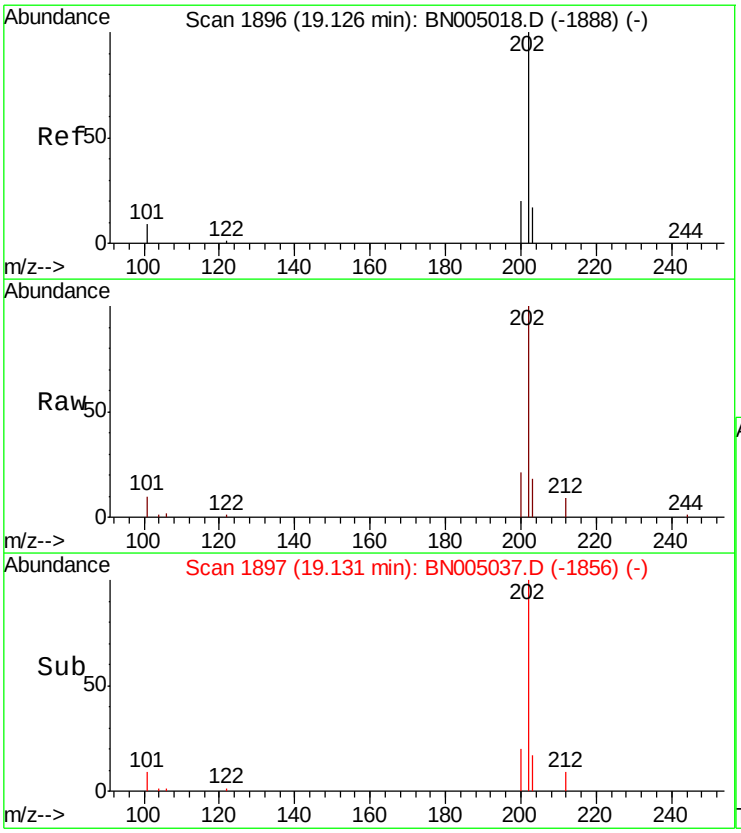
#25
Fluoranthene-d10
Concen: 0.347 ng
RT: 19.10 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:212 Resp: 15783

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.2
104	6.5	5.4	8.0

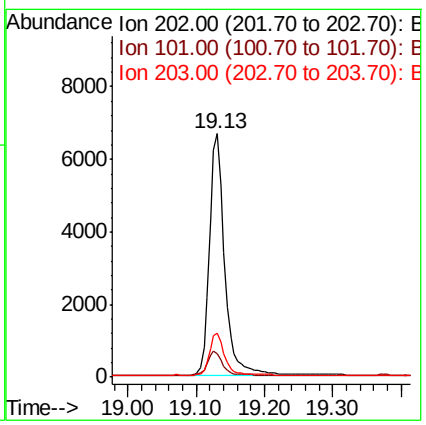


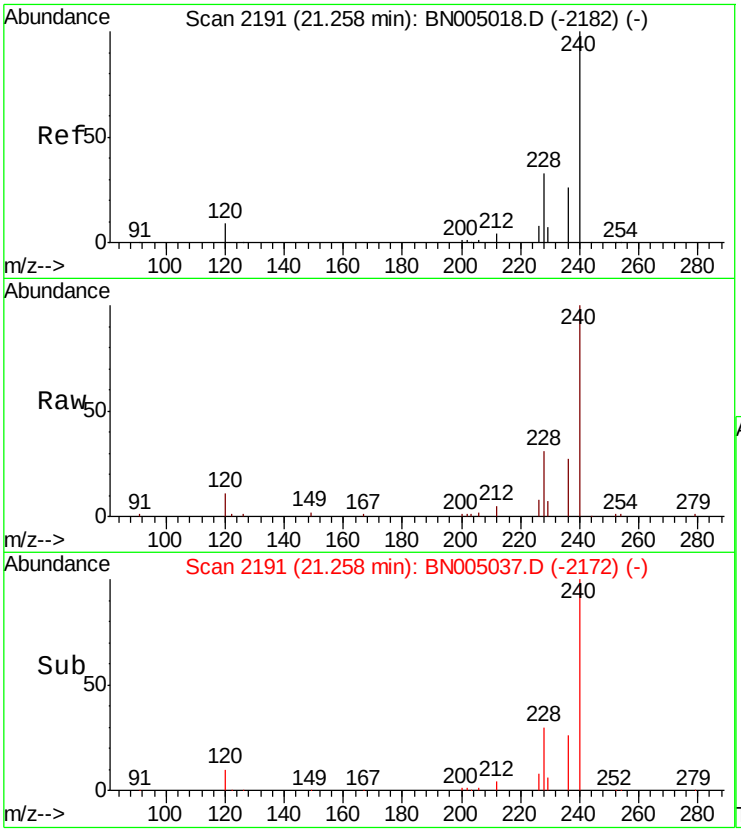


#26
Fluoranthene
Concen: 0.190 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:202 Resp: 10367

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
203	17.1	13.8	20.8



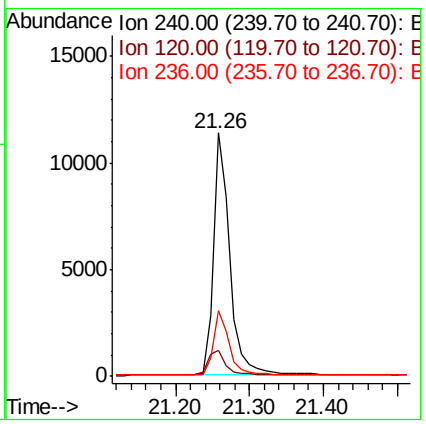


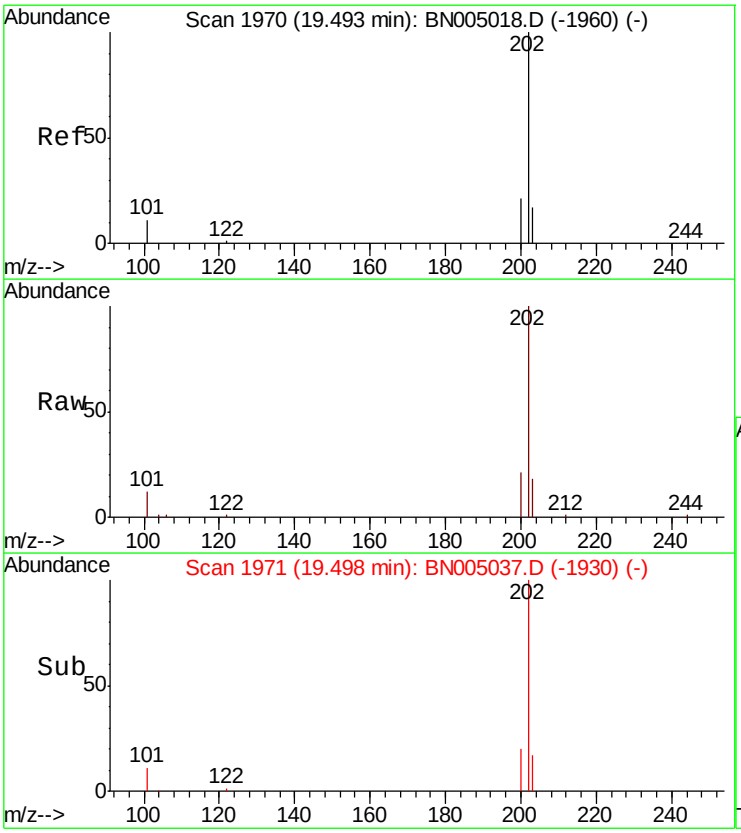
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:240 Resp: 17733

Ion	Ratio	Lower	Upper
240	100		
120	10.8	7.4	11.0
236	26.8	21.0	31.6

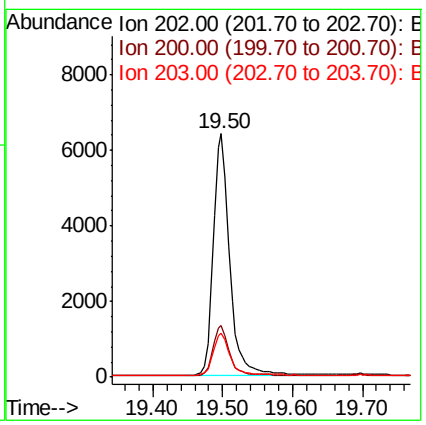


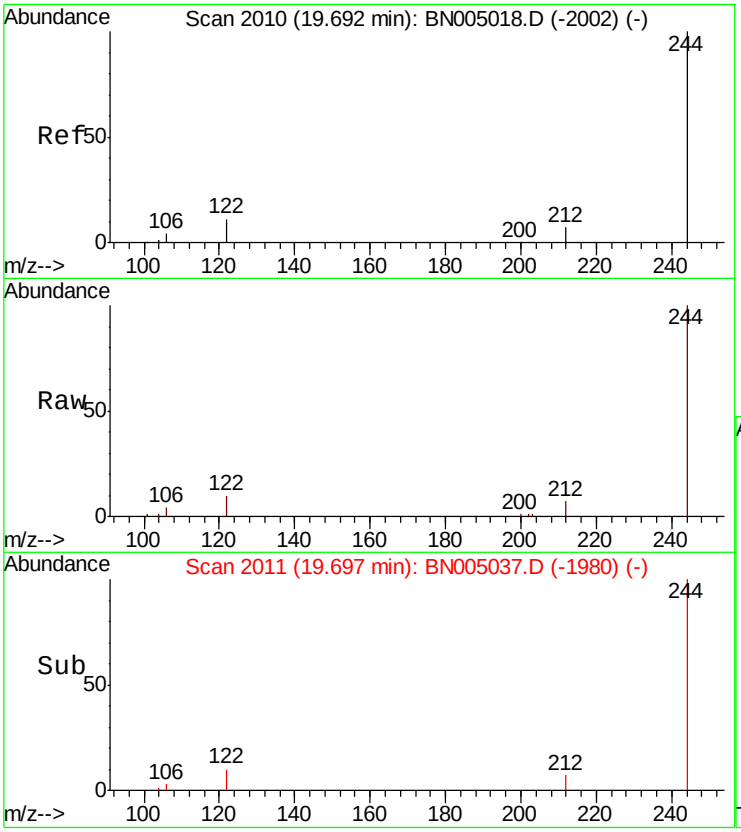


#28
Pyrene
Concen: 0.205 ng
RT: 19.50 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:202 Resp: 10340

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	13.9	20.9



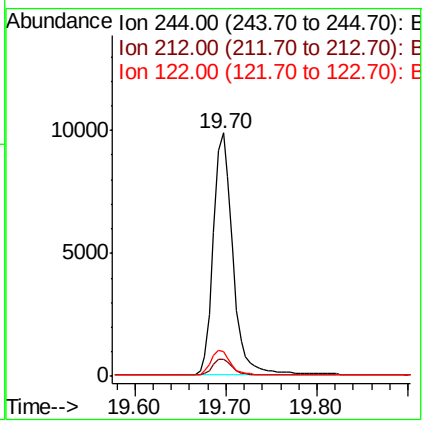


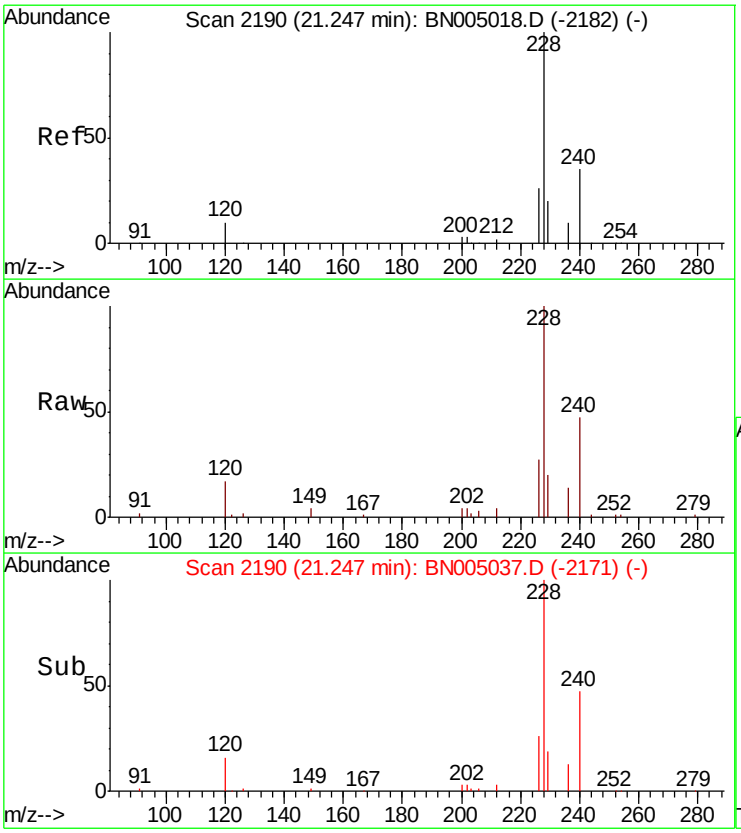
#29
Terphenyl-d14
Concen: 0.401 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:244 Resp: 14620

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.0	9.0	13.4

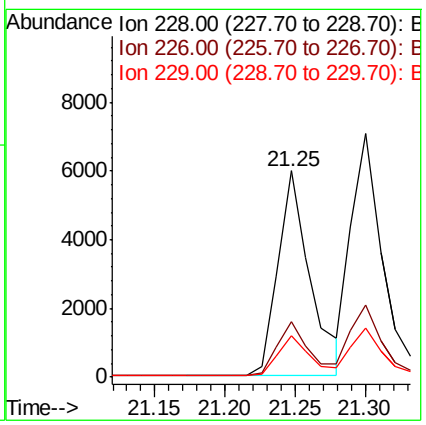


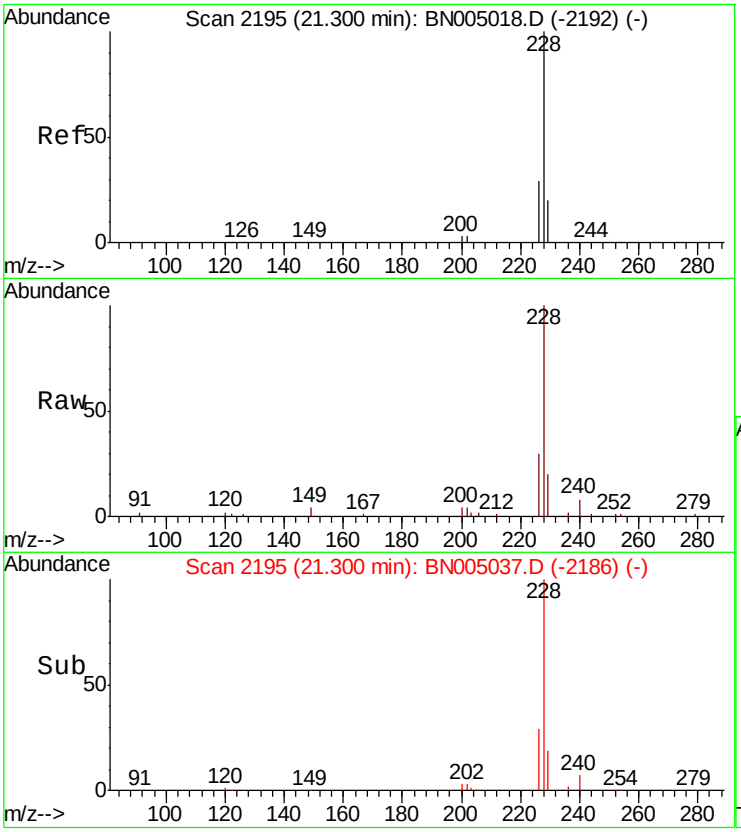


#30
Benzo(a)anthracene
Concen: 0.191 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:228 Resp: 9544

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.9	31.3
229	20.2	16.2	24.2



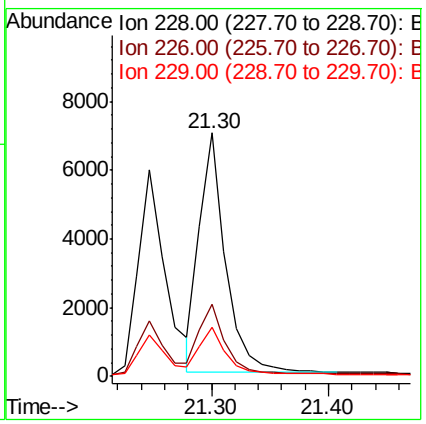


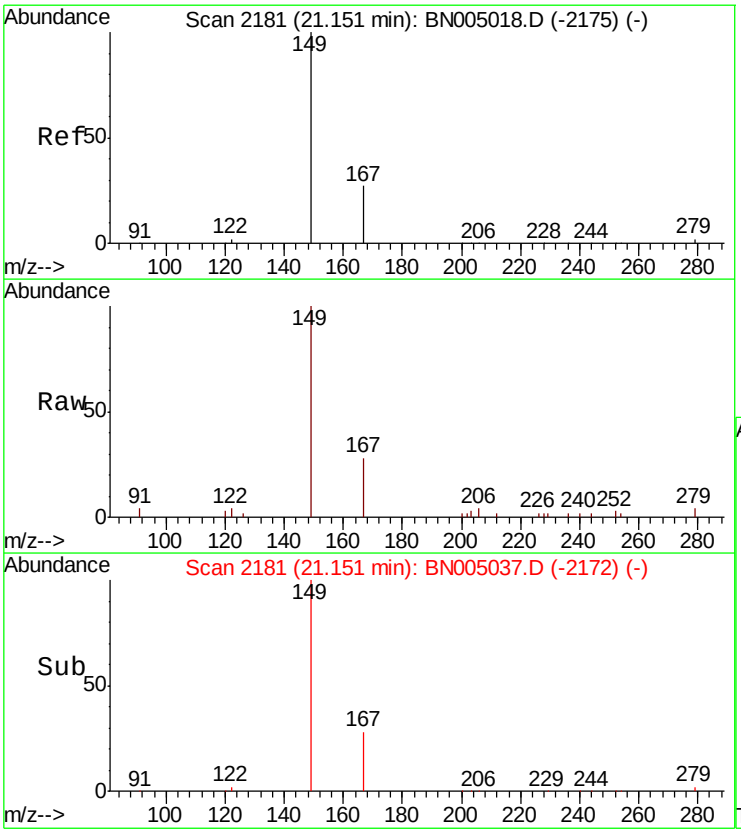
#31
Chrysene
Concen: 0.200 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:228 Resp: 10786

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.8	34.2
229	19.9	16.2	24.4

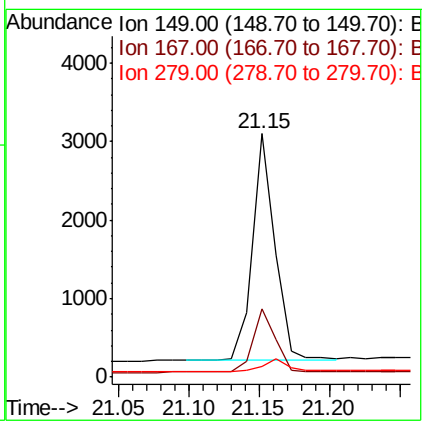


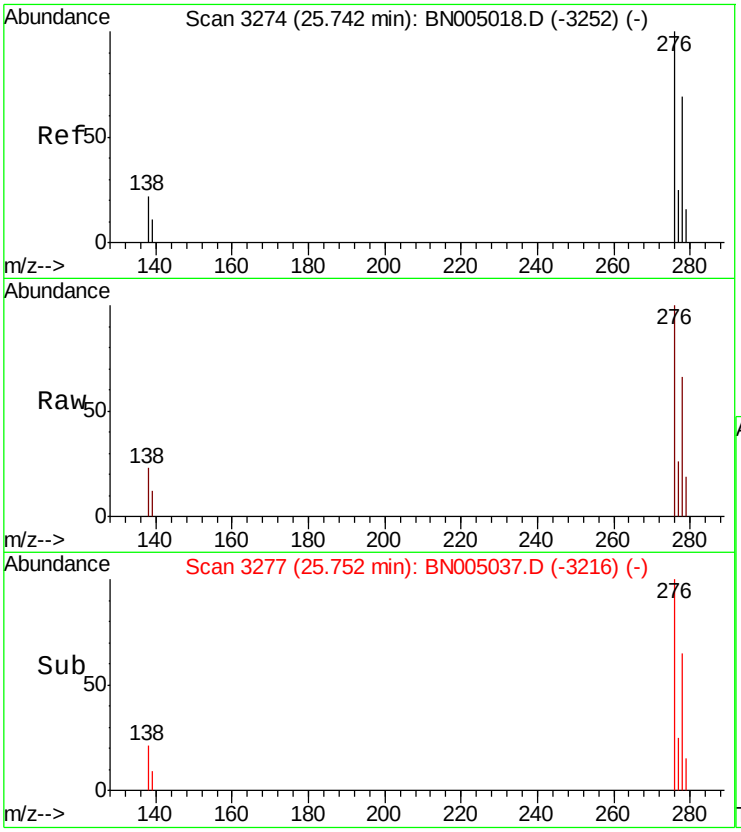


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:149 Resp: 3222

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	5.7	4.2	6.4



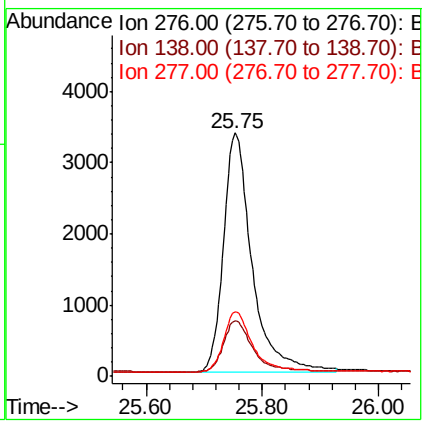


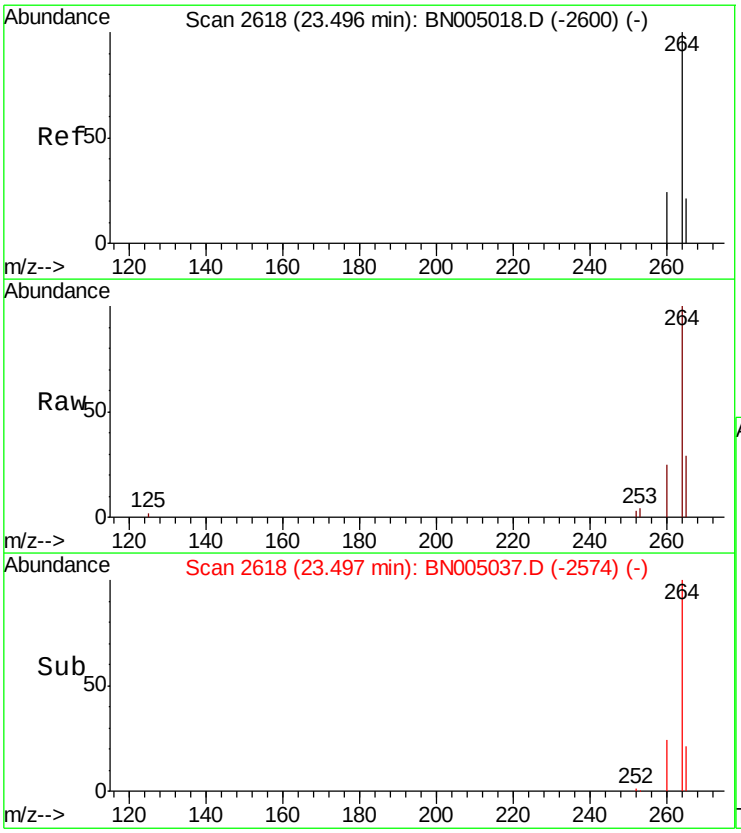
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.191 ng
RT: 25.75 min Scan# 3277
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:276 Resp: 11602

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.2	27.2
277	25.2	20.3	30.5

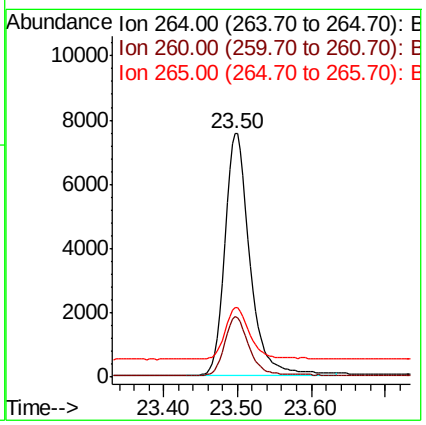


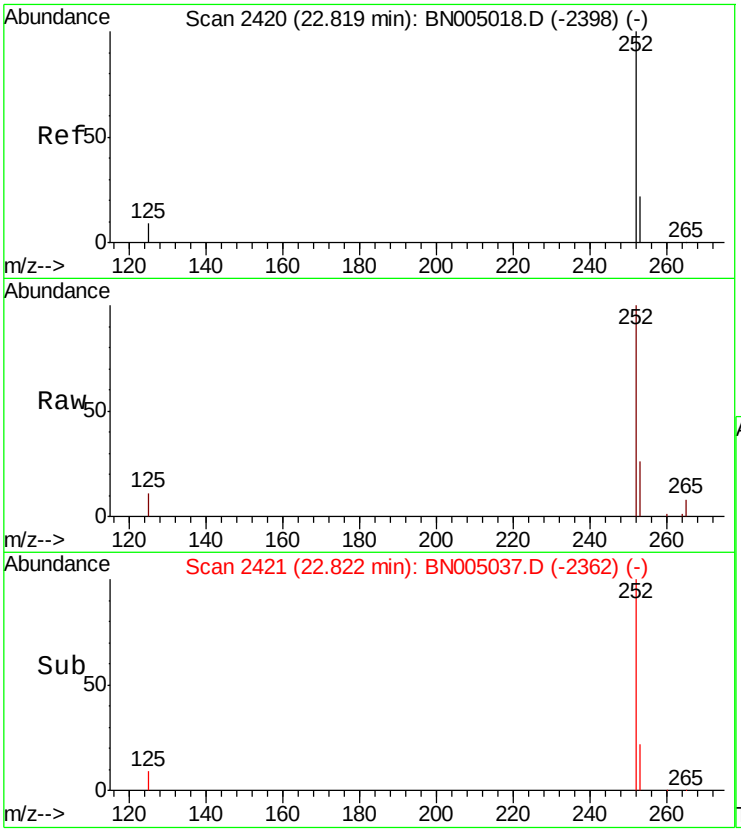


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:264 Resp: 17508

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	28.6	22.5	33.7



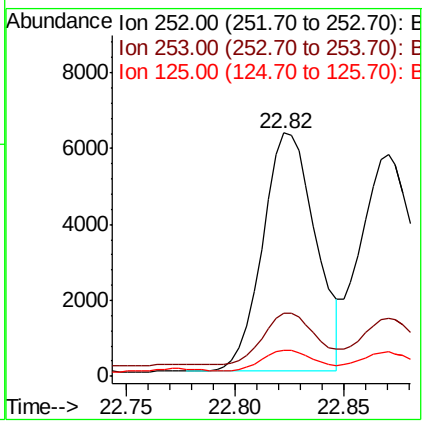


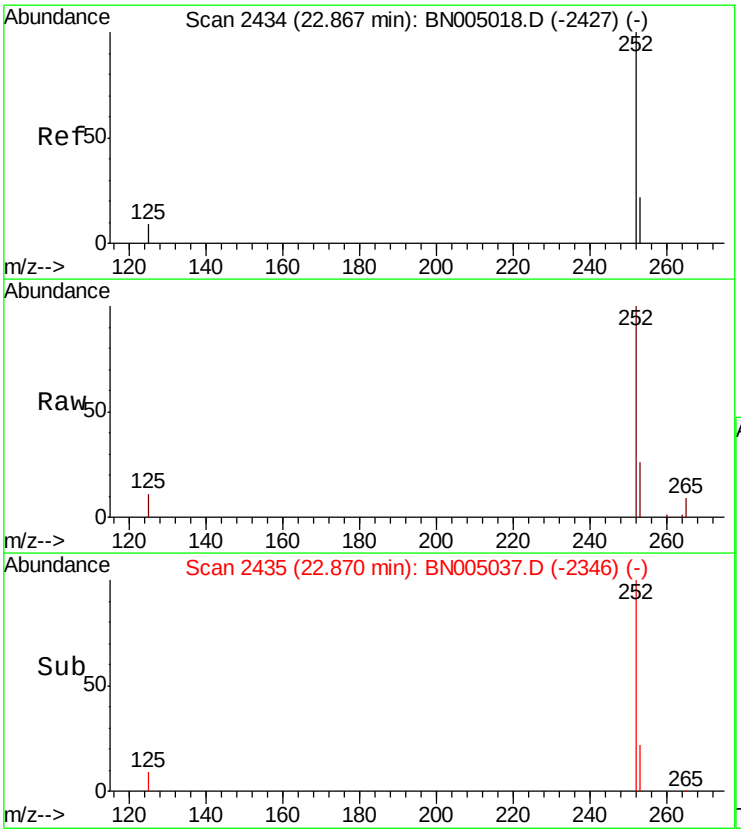
#35
Benzo(b)fluoranthene
Concen: 0.190 ng
RT: 22.82 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:252 Resp: 10641

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.2	28.8
125	10.9	8.2	12.2

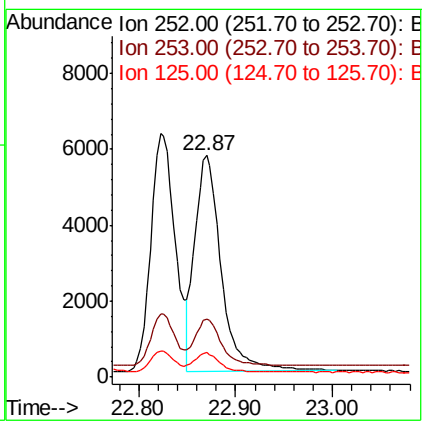


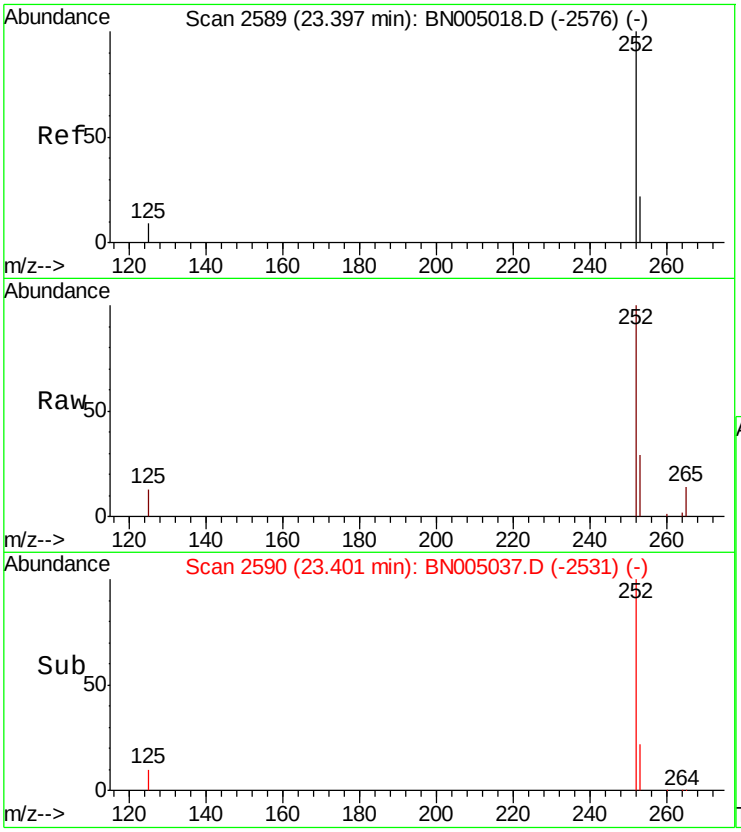


#36
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:252 Resp: 10695

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.3	28.9
125	11.0	8.2	12.2



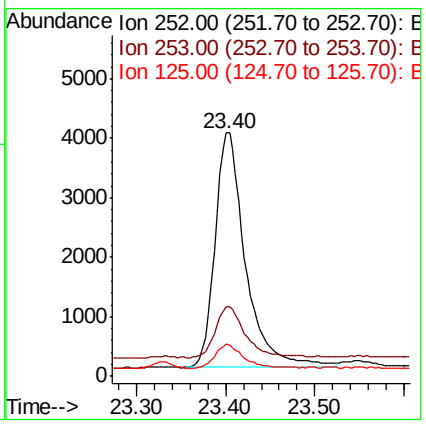


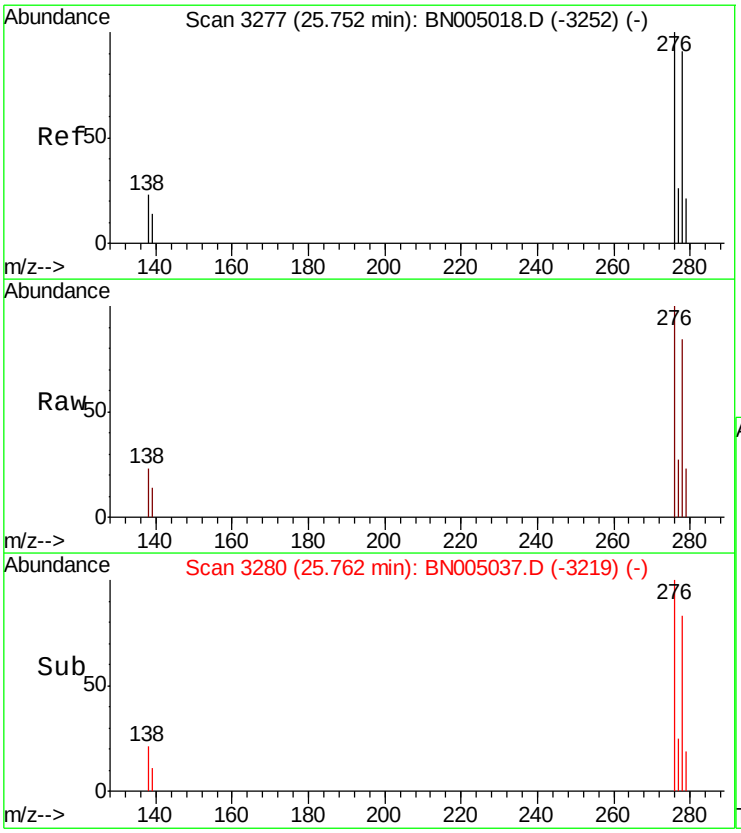
#37
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.40 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:252 Resp: 9438

Ion	Ratio	Lower	Upper
252	100		
253	28.8	20.2	30.2
125	13.1	9.2	13.8

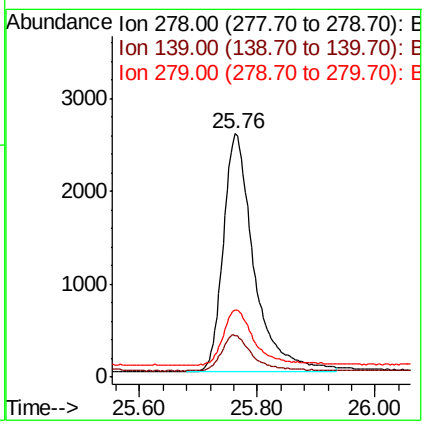


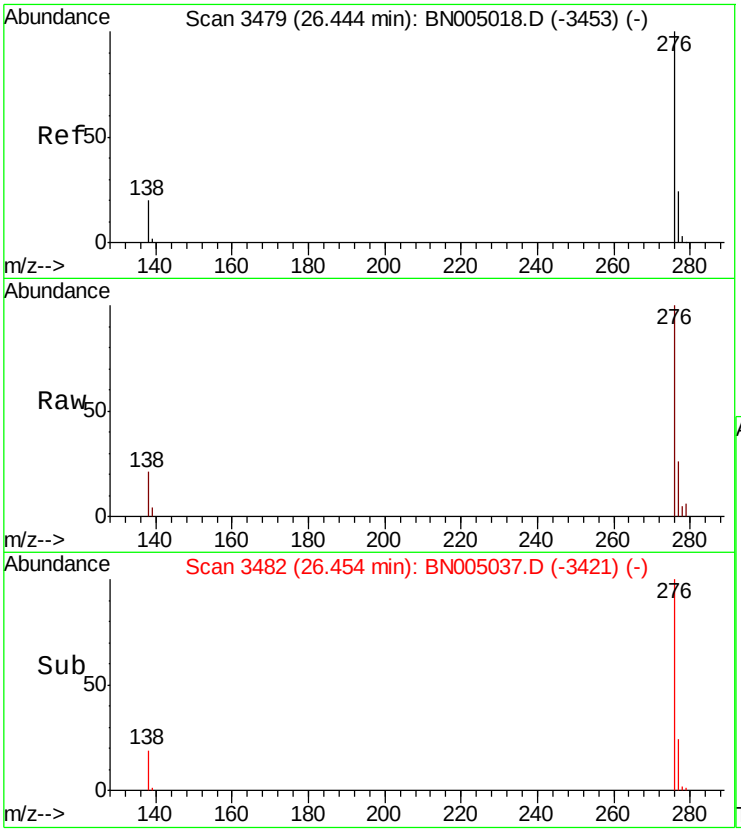


#38
Dibenzo(a,h)anthracene
Concen: 0.186 ng
RT: 25.76 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Tgt Ion:278 Resp: 9313

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.1	19.7
279	27.5	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.198 ng
RT: 26.45 min Scan# 3482
Delta R.T. 0.01 min
Lab File: BN005037.D
Acq: 29 Mar 2019 17:03

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT1-2019

Tgt Ion:276 Resp: 9962

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.8	29.6
138	21.2	16.4	24.6