Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
Data File : BN011154.D
Acq On : 13 Jul 2020 15:47
Operator : CG/JU
Sample : L3216-08
Misc : LOO-WTR-0.1PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT3-2020

Quant Time: Jul 13 16:18:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1491	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	4186	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2365	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	4582	0.40	ng		0.01
29) Chrysene-d12	21.11	240	4226	0.40	ng		0.01
36) Perylene-d12	23.25	264	4014	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1280	0.35	ng		0.00
5) Phenol-d6	6.72	99	1423	0.34	ng		0.00
8) Nitrobenzene-d5	8.67	82	1162	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	2359	0.35	ng		0.02
14) 2,4,6-Tribromophenol	15.67	330	327	0.31	ng		0.03
15) 2-Fluorobiphenyl	12.77	172	2954	0.27	ng		0.03
27) Fluoranthene-d10	18.94	212	4860	0.34	ng		0.01
31) Terphenyl-d14	19.55	244	3803	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	150	0.070	ng	#	95
6) bis(2-Chloroethyl)ether	6.97	93	329	0.086	ng		92
9) Naphthalene	10.32	128	1178	0.095	ng	#	81
10) Hexachlorobutadiene	10.60	225	289	0.094	ng	#	99
12) 2-Methylnaphthalene	11.95	142	704	0.090	ng	#	93
16) Acenaphthylene	13.85	152	936	0.078	ng		97
17) Acenaphthene	14.20	154	639	0.080	ng		93
18) Fluorene	15.21	166	756	0.073	ng		98
20) 4,6-Dinitro-2-methylphenol	15.39	198	44	0.073	ng	#	42
21) 4-Bromophenyl-phenylether	16.12	248	210	0.067	ng	#	82
22) Hexachlorobenzene	16.20	284	315	0.087	ng		97
23) Atrazine	16.41	200	195	0.089	ng	#	70
24) Pentachlorophenol	16.57	266	172	0.160	ng	#	88
25) Phenanthrene	16.93	178	1145	0.078	ng		99
26) Anthracene	17.04	178	922	0.075	ng		98
28) Fluoranthene	18.97	202	1393	0.079	ng		99
30) Pyrene	19.33	202	1412	0.088	ng		100
32) Benzo(a)anthracene	21.15	228	1666	0.122	ng		90
33) Chrysene	21.15	228	1643	0.098	ng		92
34) Bis(2-ethylhexyl)phthalate	21.05	149	807	0.143	ng		99
35) Indeno(1,2,3-cd)pyrene	25.37	276	1400	0.080	ng	#	74
37) Benzo(b)fluoranthene	22.62	252	1205	0.075	ng	#	52
38) Benzo(k)fluoranthene	22.66	252	1564	0.086	ng	#	53
39) Benzo(a)pyrene	23.17	252	1084	0.075	ng	#	29
40) Dibenzo(a,h)anthracene	25.39	278	1050	0.068	ng	#	28
41) Benzo(g,h,i)perylene	25.98	276	1441	0.085	ng	#	74

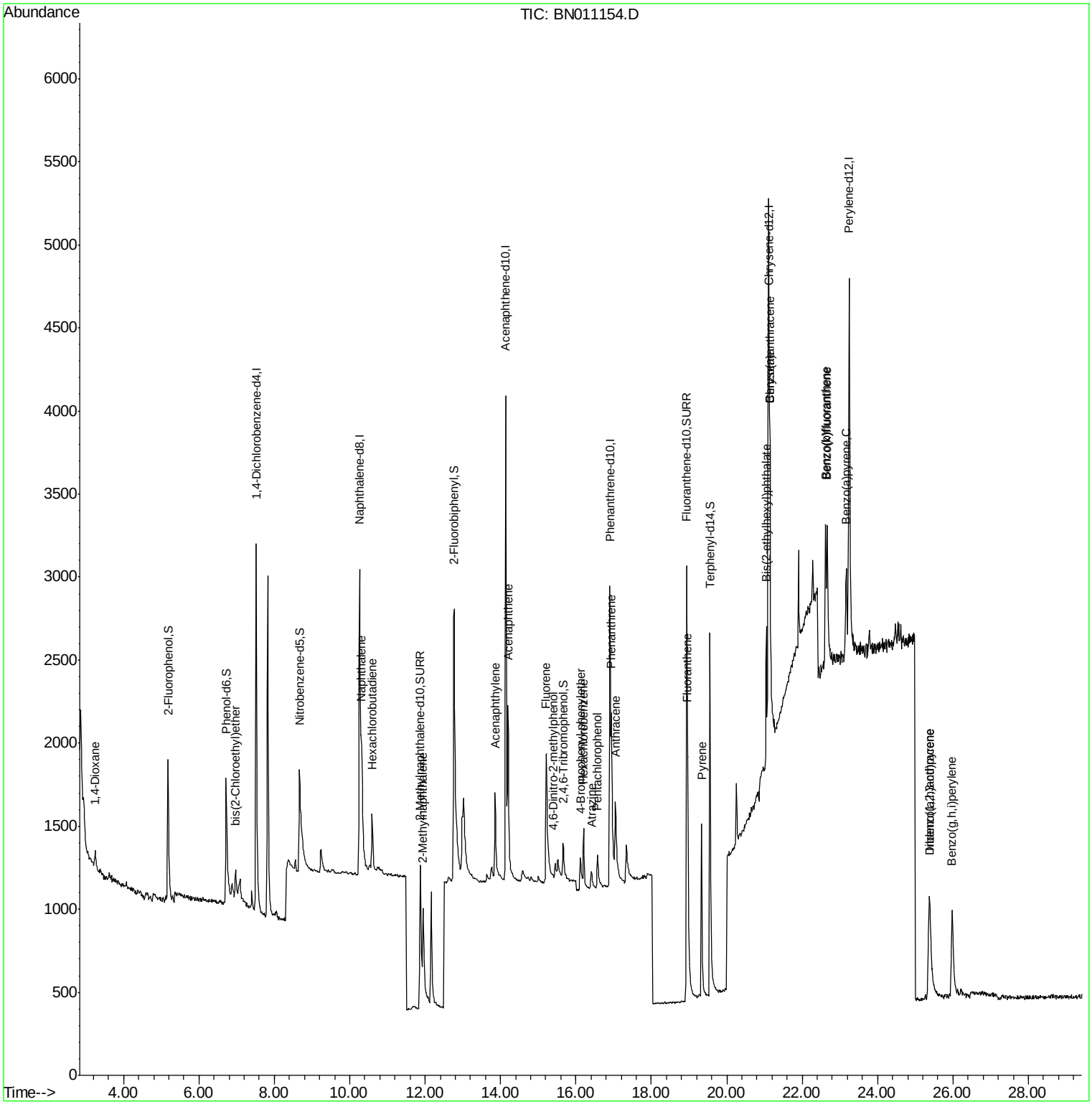
(#) = qualifier out of range (m) = manual integration (+) = signals summed

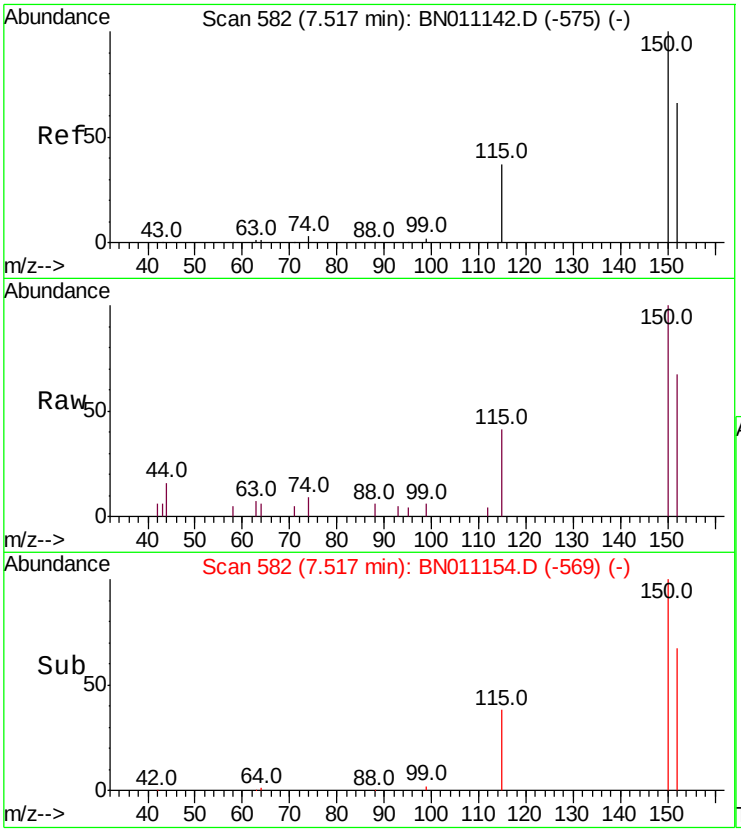
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
Data File : BN011154.D
Acq On : 13 Jul 2020 15:47
Operator : CG/JU
Sample : L3216-08
Misc : LOQ-WTR-0.1PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Quant Time: Jul 13 16:18:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration



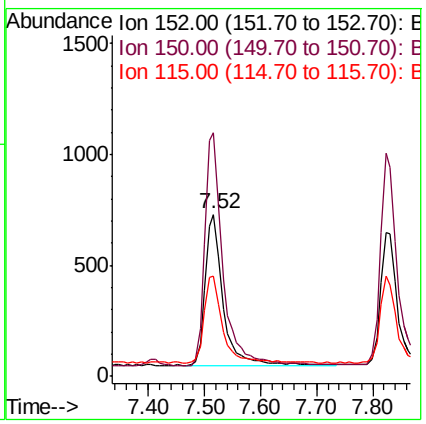


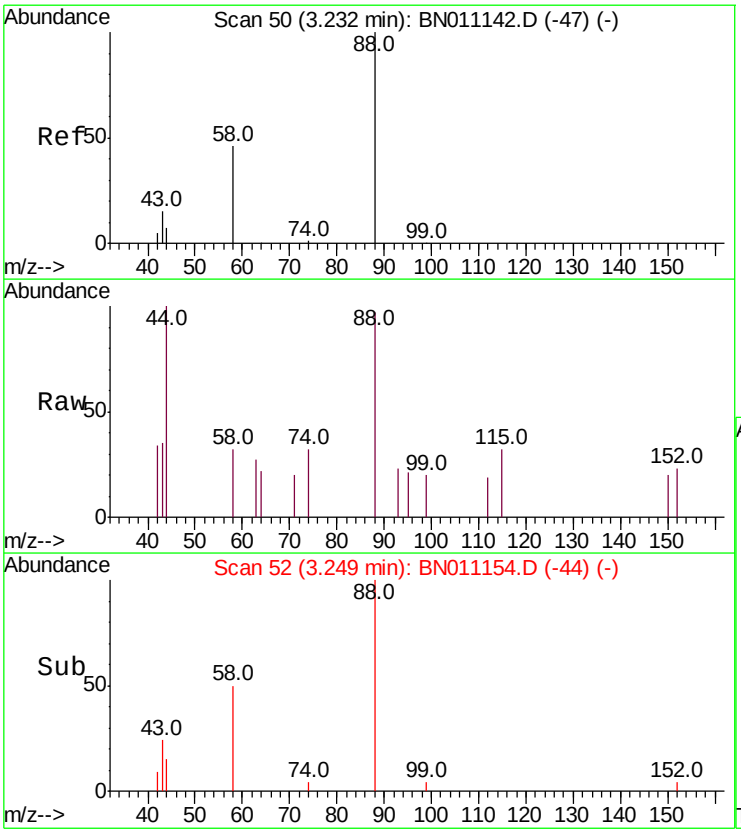
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:152 Resp: 1491

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.4	179.0
115	61.9	48.3	72.5

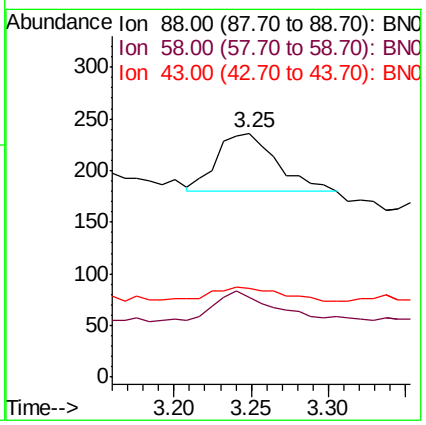


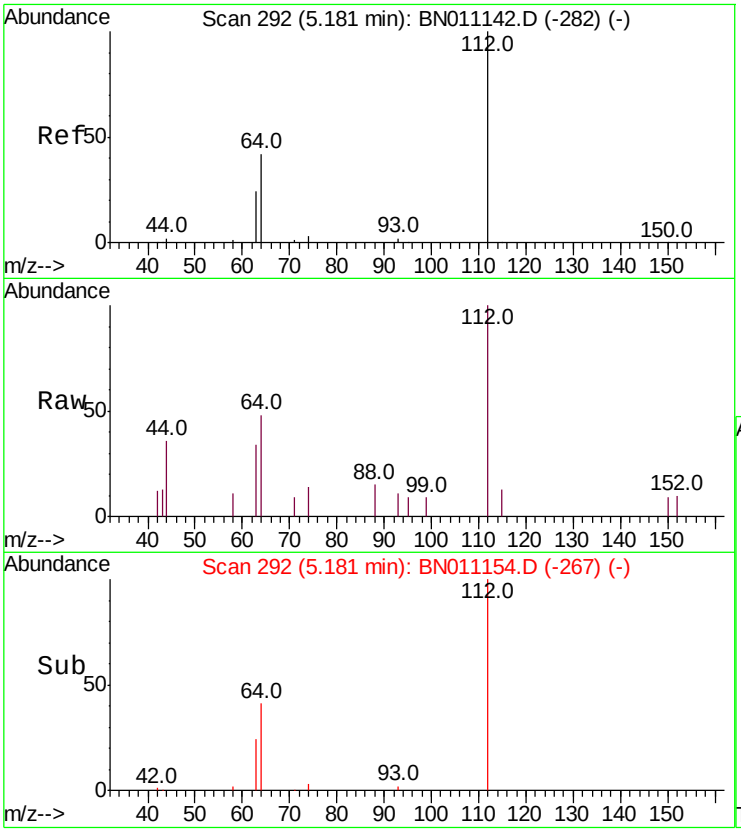


#2
1,4-Dioxane
Concen: 0.070 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.02 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion: 88 Resp: 150

Ion	Ratio	Lower	Upper
88	100		
58	46.7	36.5	54.7
43	24.7	14.3	21.5#



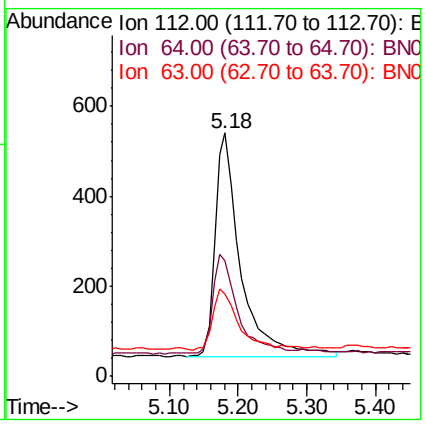


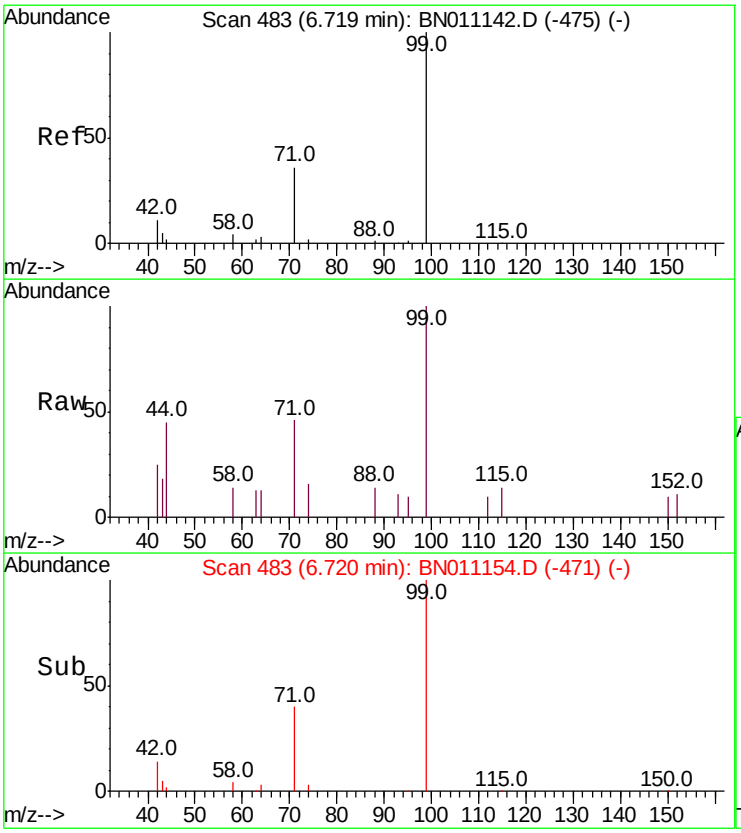
#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.18 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:112 Resp: 1280

Ion	Ratio	Lower	Upper
112	100		
64	44.4	36.7	55.1
63	28.4	20.4	30.6

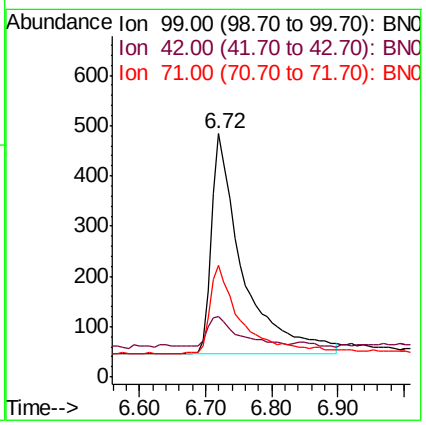


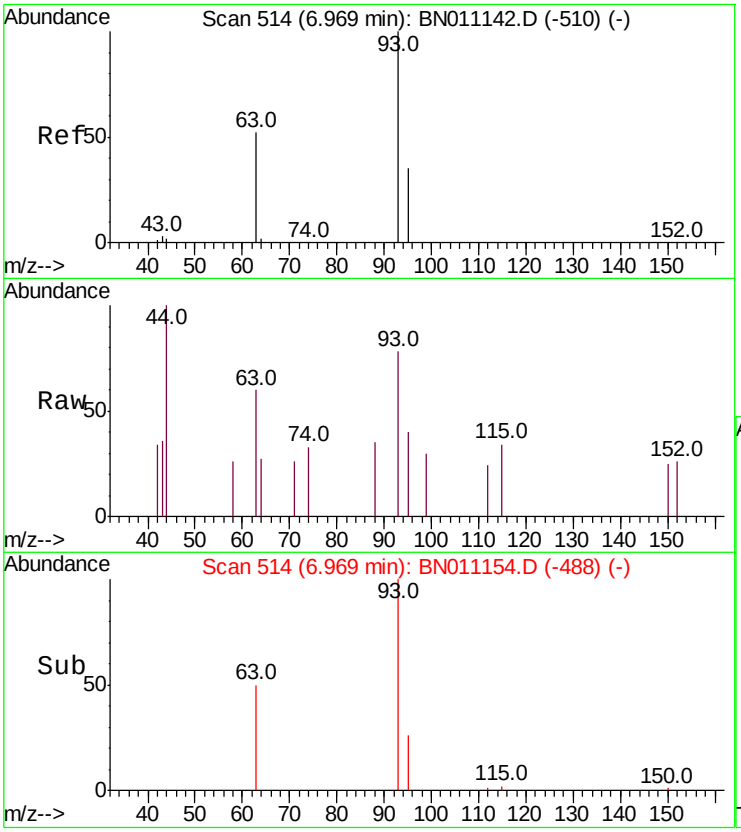


#5
Phenol-d6
Concen: 0.342 ng
RT: 6.72 min Scan# 483
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion: 99 Resp: 1423

Ion	Ratio	Lower	Upper
99	100		
42	13.2	10.8	16.2
71	38.3	31.3	46.9



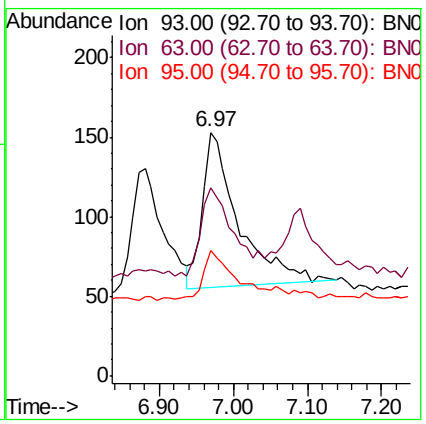


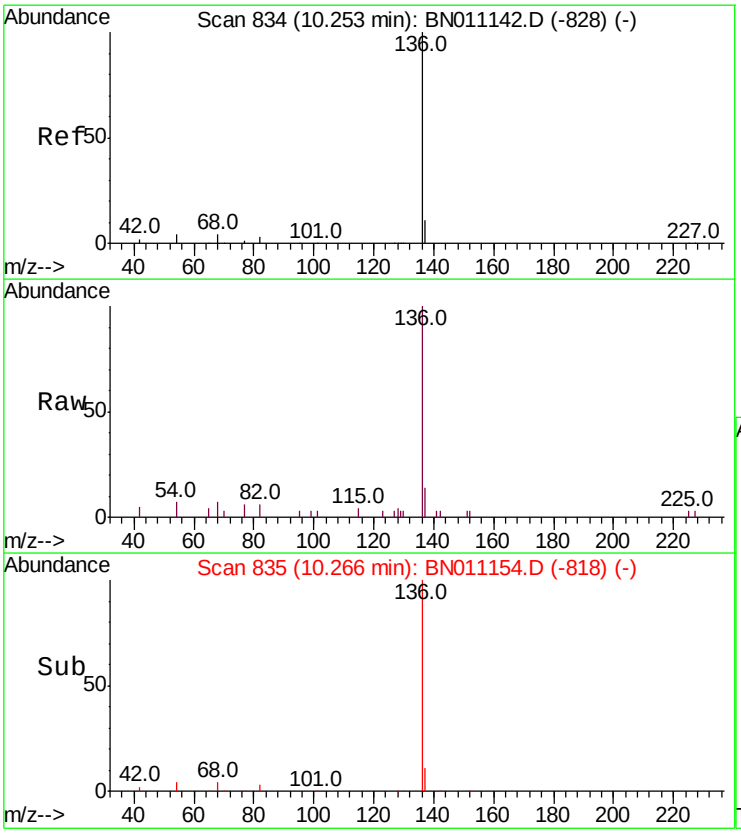
#6
bis(2-Chloroethyl)ether
Concen: 0.086 ng
RT: 6.97 min Scan# 514
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion: 93 Resp: 329

Ion	Ratio	Lower	Upper
93	100		
63	52.6	47.4	71.0
95	30.7	28.1	42.1

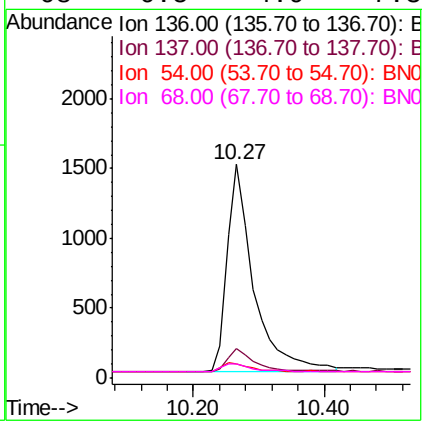


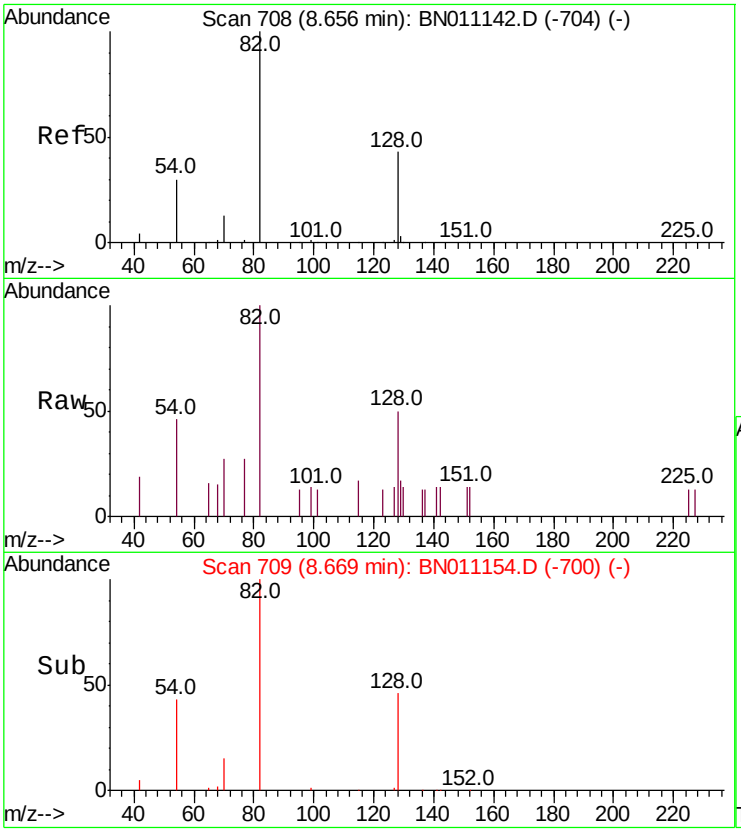


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.27 min Scan# 835
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:136 Resp: 4186

Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.3	15.5
54	6.9	4.9	7.3
68	6.5	4.9	7.3



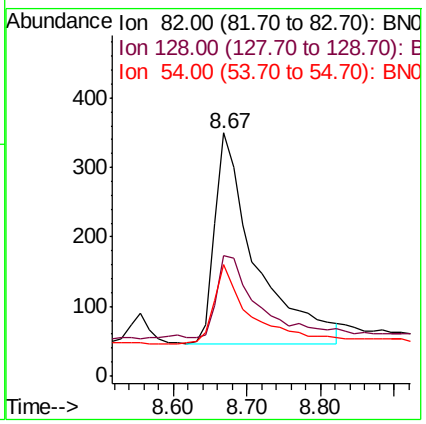


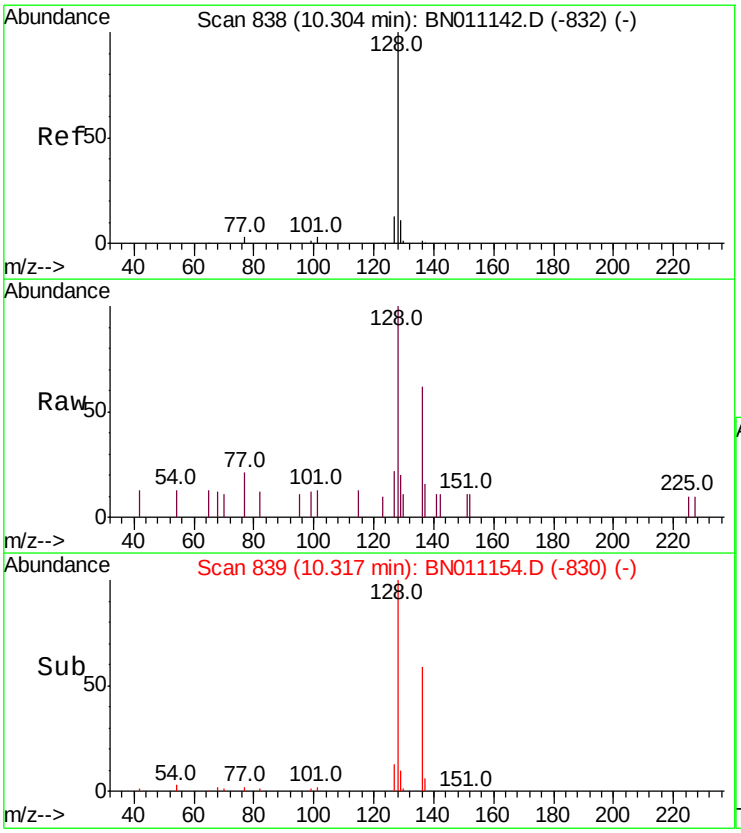
#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.67 min Scan# 709
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion: 82 Resp: 1162

Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.1	57.1
54	46.0	27.1	40.7#

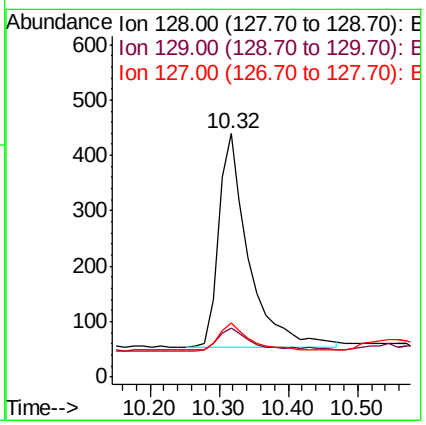


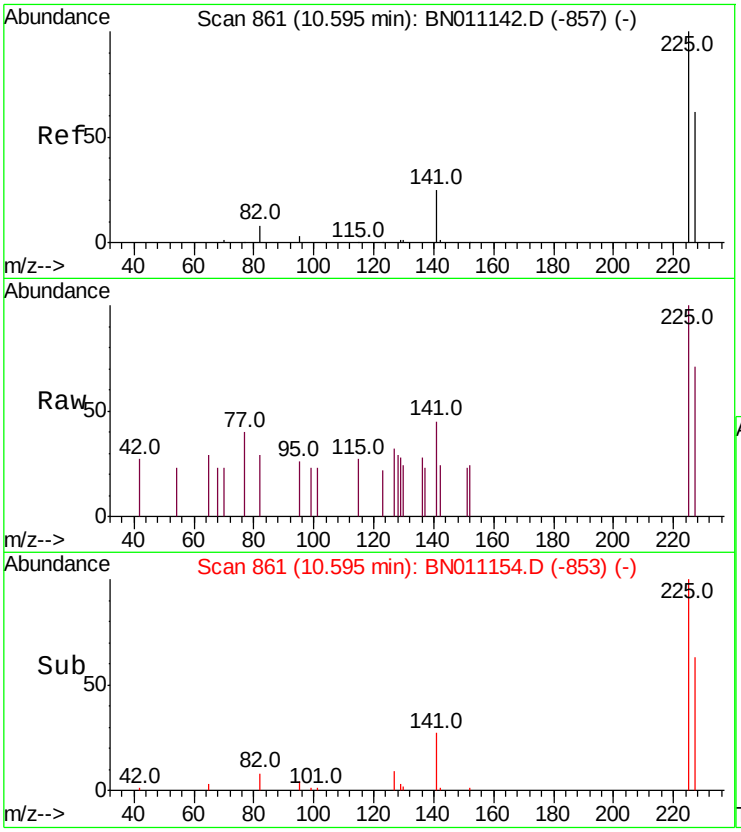


#9
Naphthalene
Concen: 0.095 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:128 Resp: 1178

Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.8	14.6#
127	22.1	11.8	17.6#



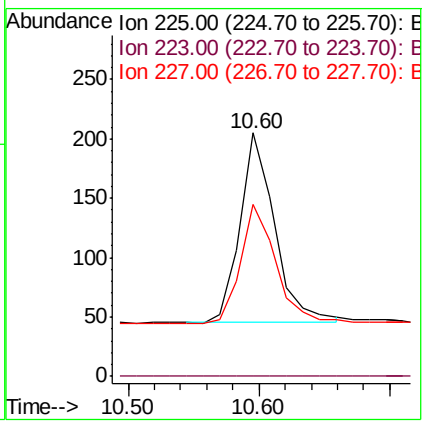


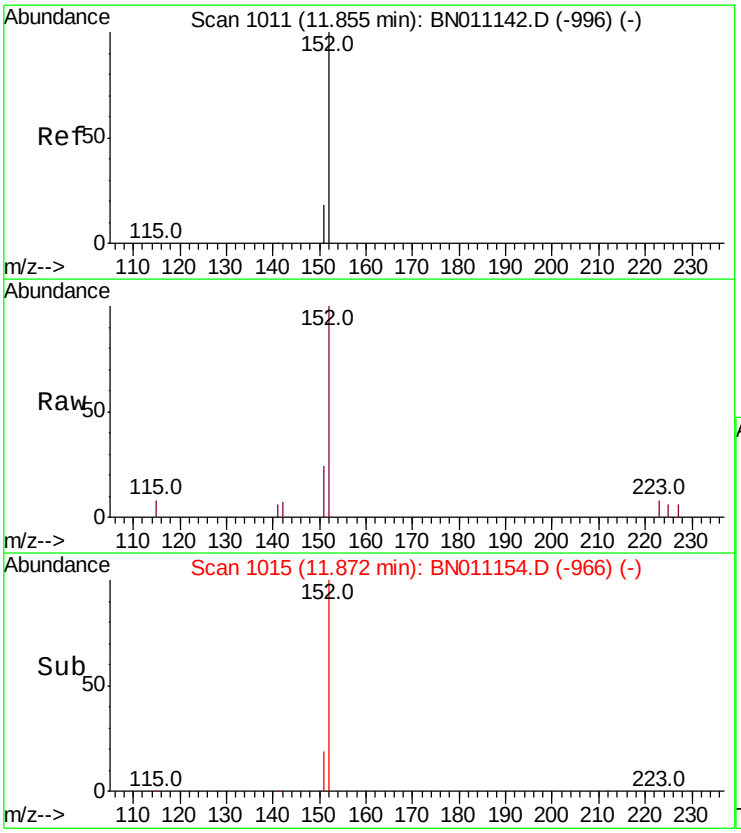
#10
Hexachlorobutadiene
Concen: 0.094 ng
RT: 10.60 min Scan# 861
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:225 Resp: 289

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.2	76.8

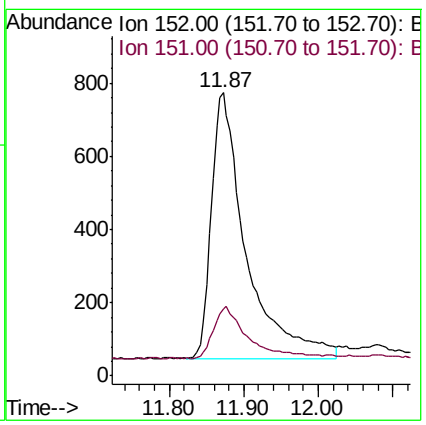


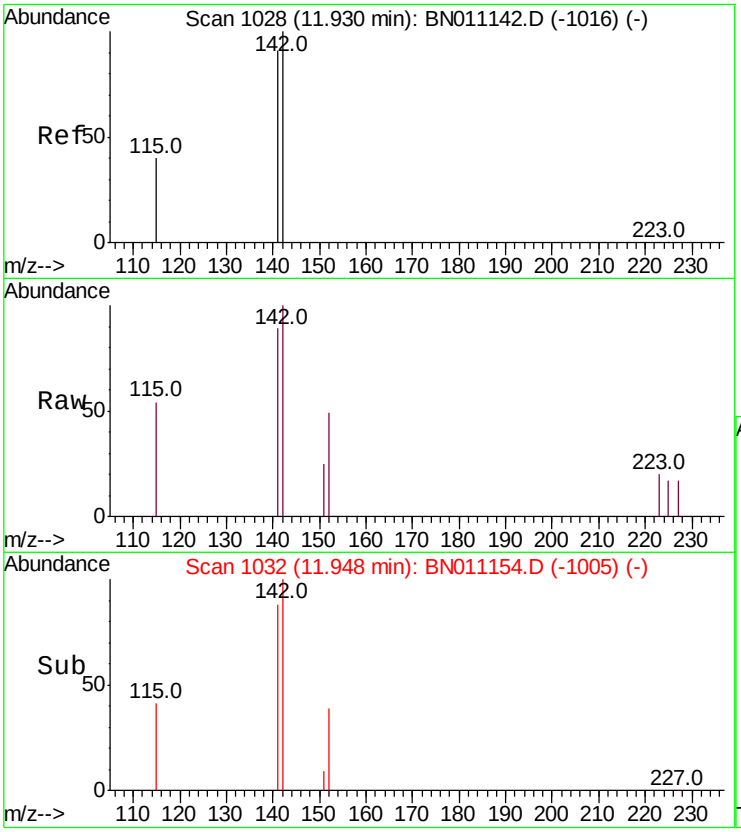


#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.87 min Scan# 1015
Delta R.T. 0.02 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:152 Resp: 2359

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.5	24.7



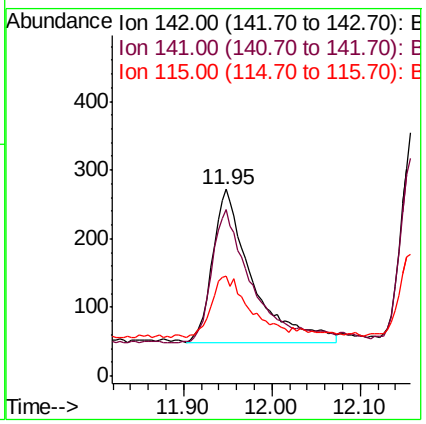


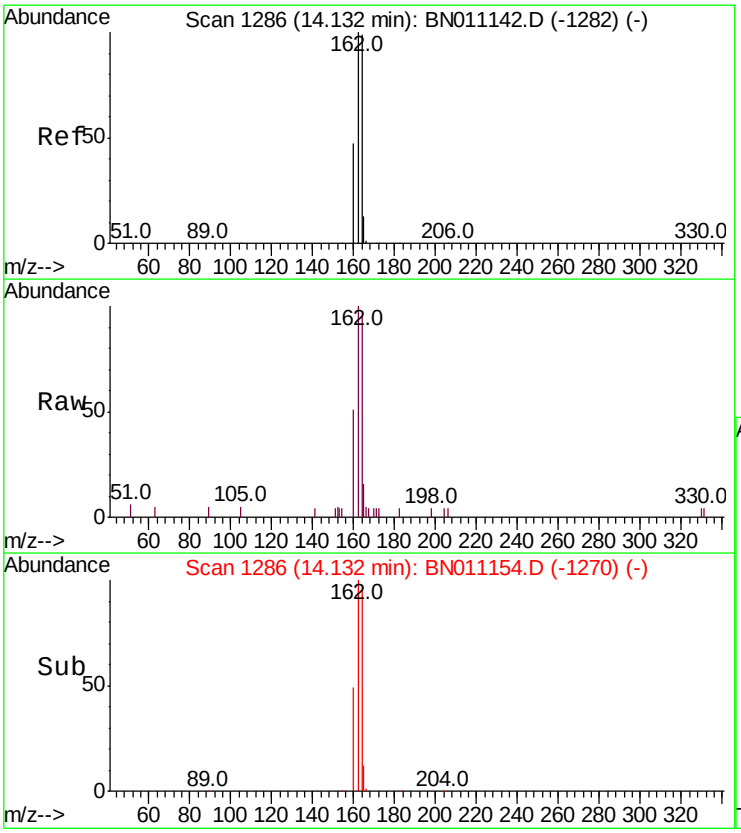
#12
2-Methylnaphthalene
Concen: 0.090 ng
RT: 11.95 min Scan# 1032
Delta R.T. 0.02 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:142 Resp: 704

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.7	109.1
115	53.7	33.8	50.6#

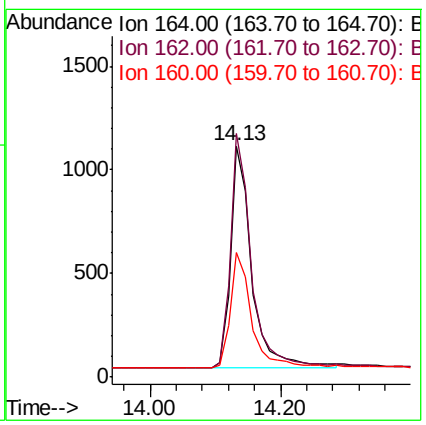


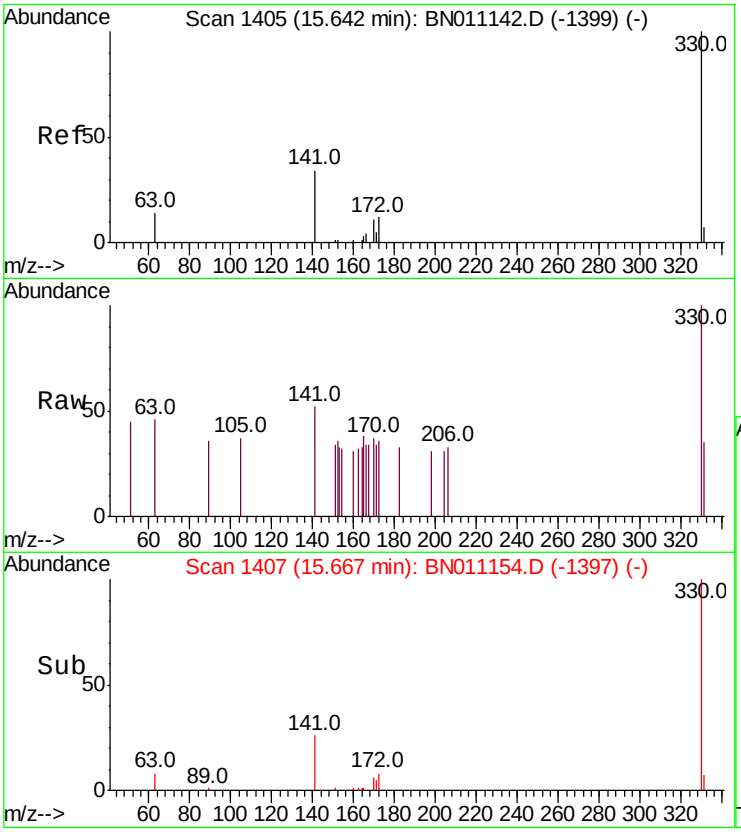


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.13 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:164 Resp: 2365

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.0	121.4
160	54.0	39.0	58.6



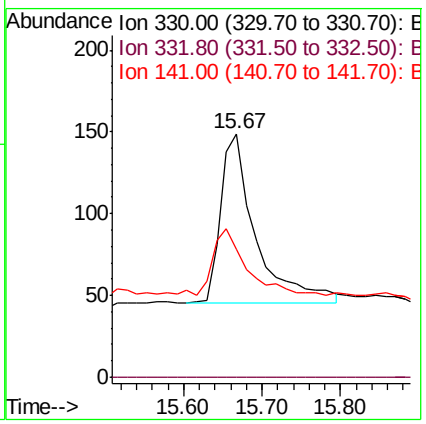


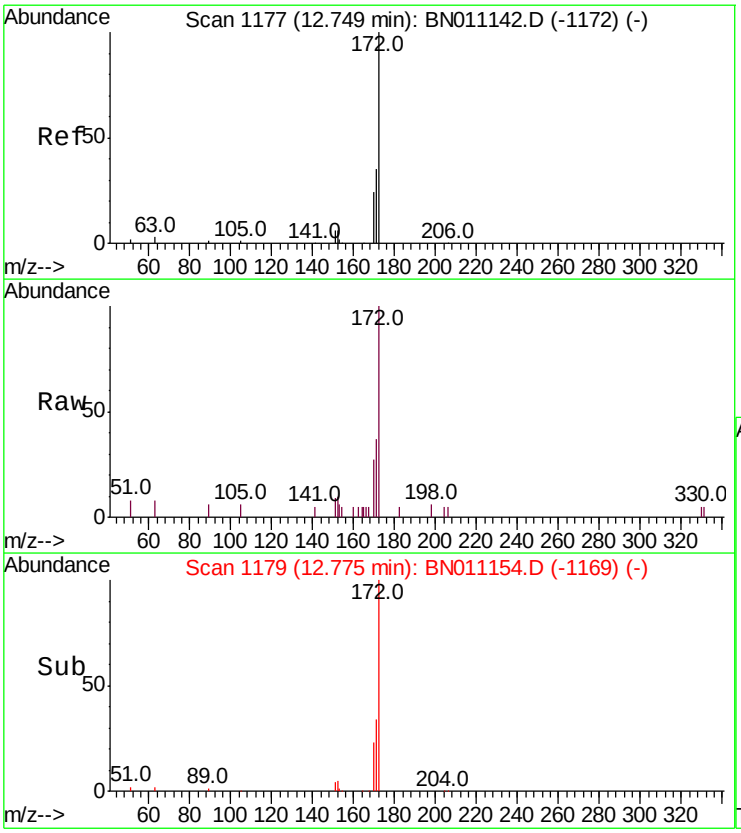
#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.67 min Scan# 1407
Delta R.T. 0.03 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:330 Resp: 327

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.2	31.5	47.3

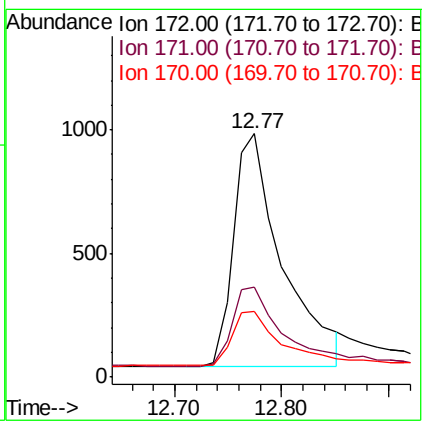


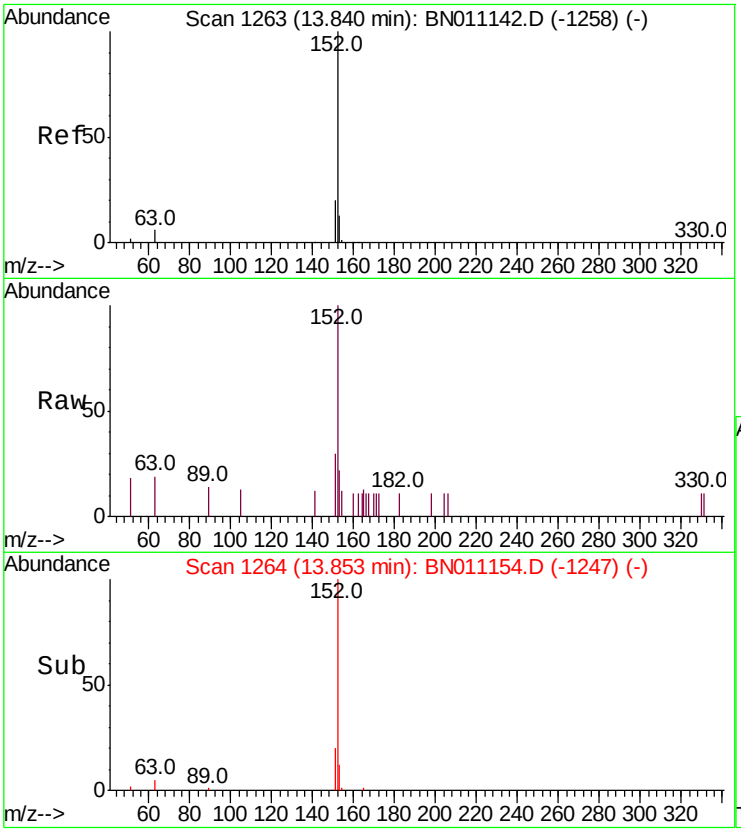


#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:172 Resp: 2954

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	26.9	20.3	30.5



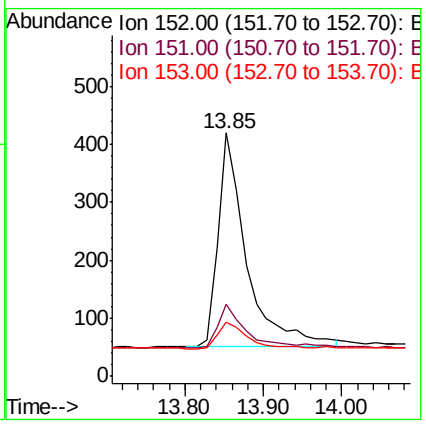


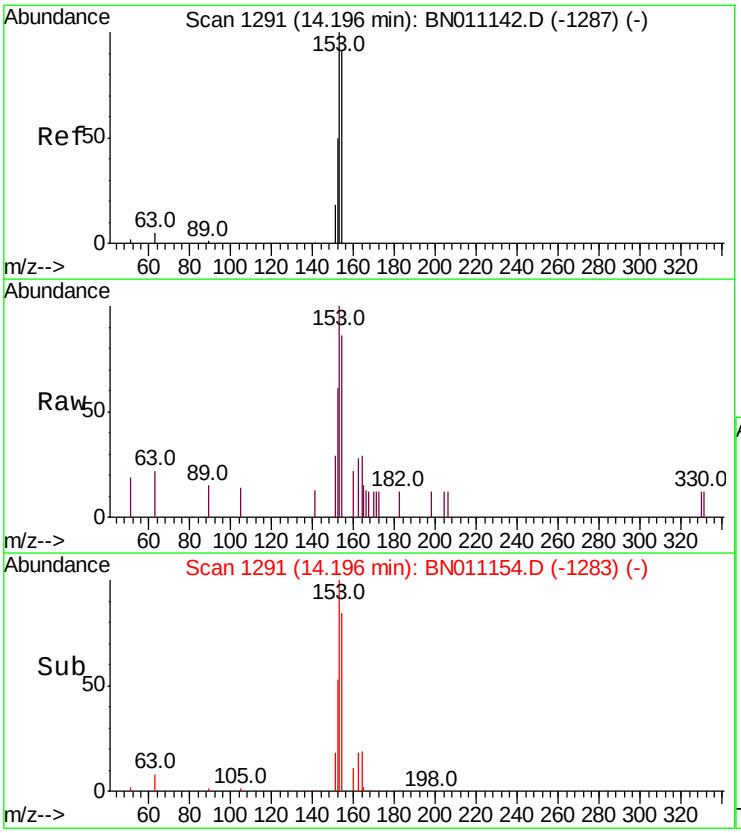
#16
Acenaphthylene
Concen: 0.078 ng
RT: 13.85 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:152 Resp: 936

Ion	Ratio	Lower	Upper
152	100		
151	21.7	15.7	23.5
153	13.6	10.6	15.8

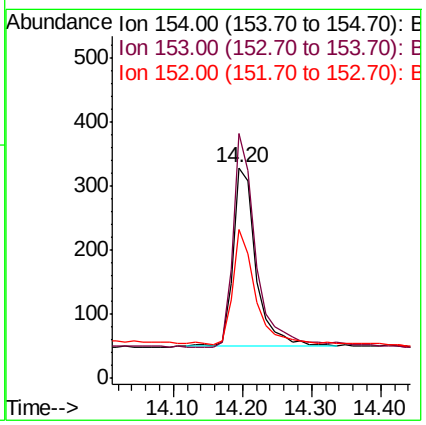


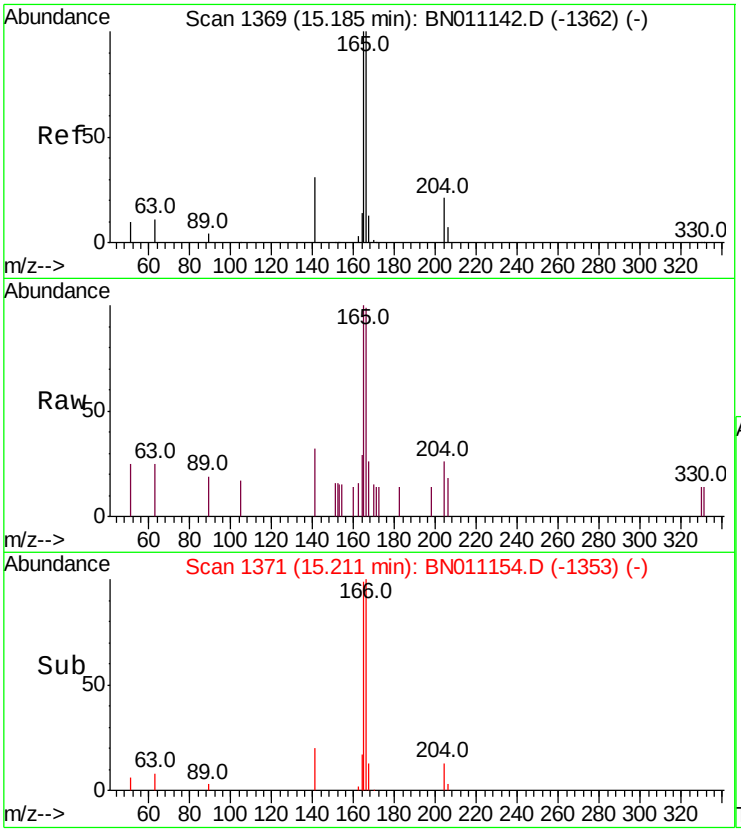


#17
Acenaphthene
Concen: 0.080 ng
RT: 14.20 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:154 Resp: 639

Ion	Ratio	Lower	Upper
154	100		
153	121.9	91.3	136.9
152	63.7	46.6	69.8



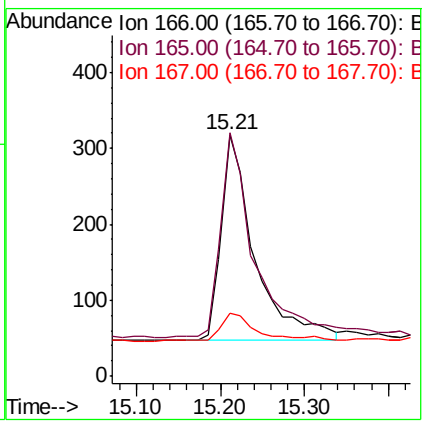


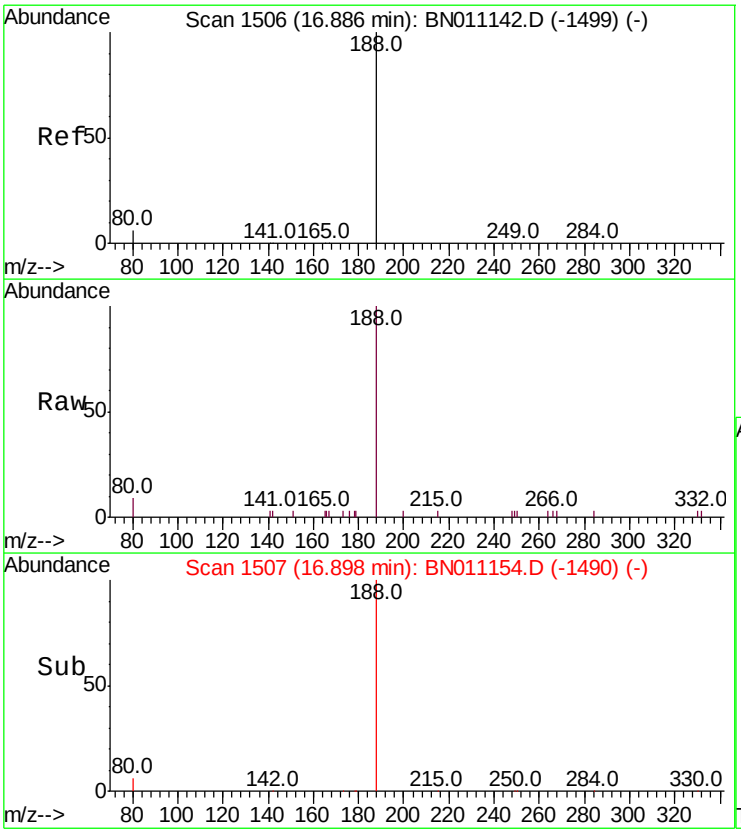
#18
Fluorene
Concen: 0.073 ng
RT: 15.21 min Scan# 1371
Delta R.T. 0.03 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:166 Resp: 756

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.1	118.7
167	15.3	10.5	15.7

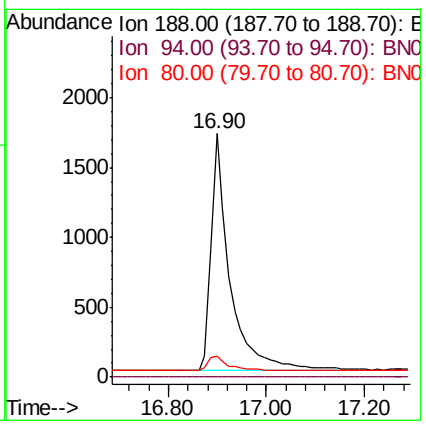


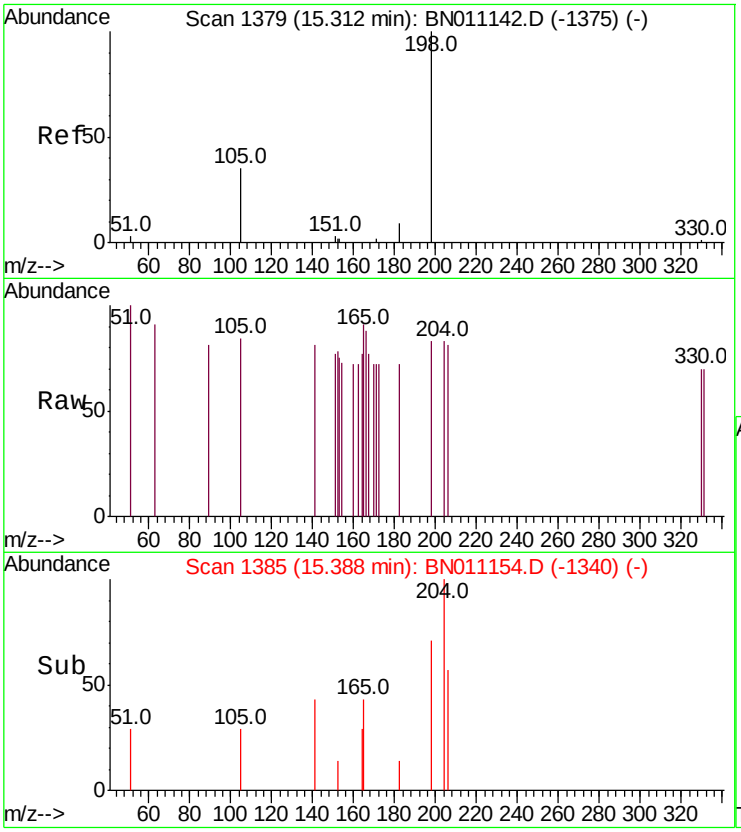


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.90 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:188 Resp: 4582

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.3	9.5



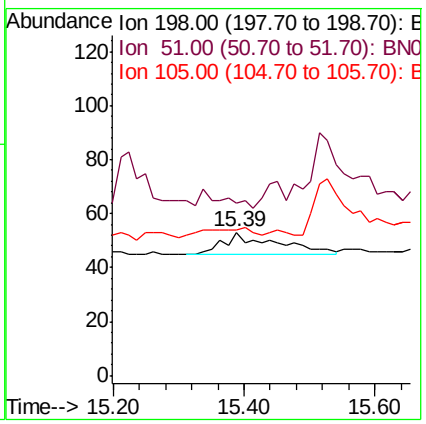


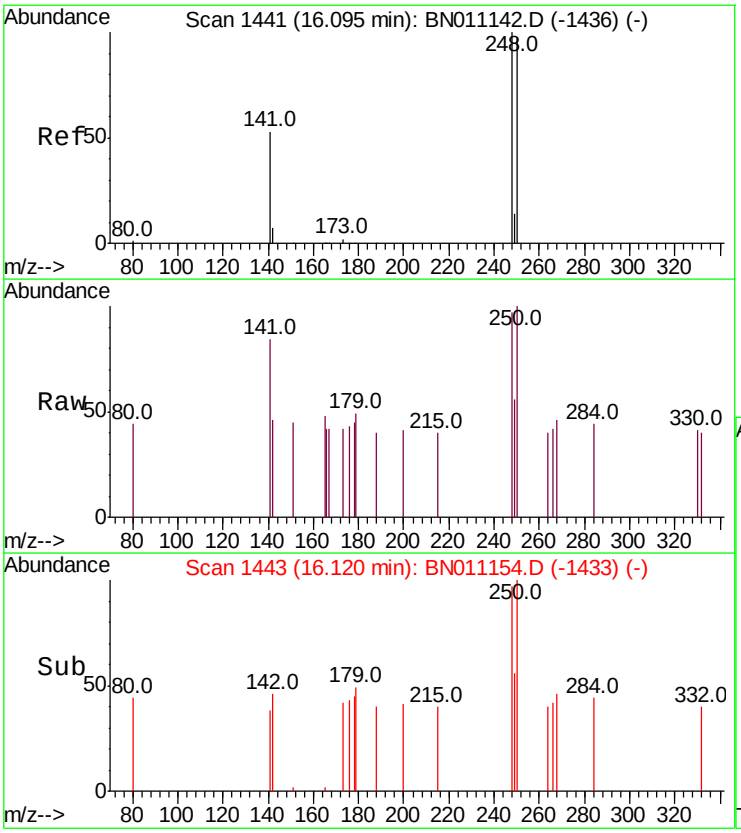
#20
4,6-Dinitro-2-methylphenol
Concen: 0.073 ng
RT: 15.39 min Scan# 1385
Delta R.T. 0.08 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:198 Resp: 44

Ion	Ratio	Lower	Upper
198	100		
51	120.8	53.1	79.7#
105	101.9	51.9	77.9#

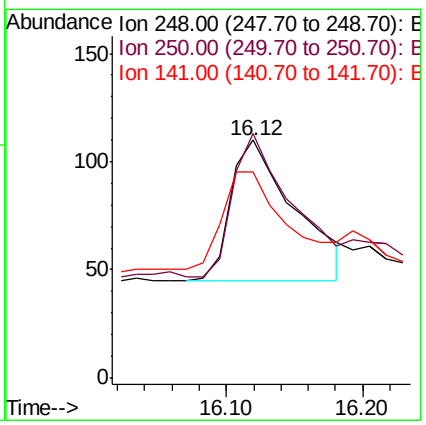


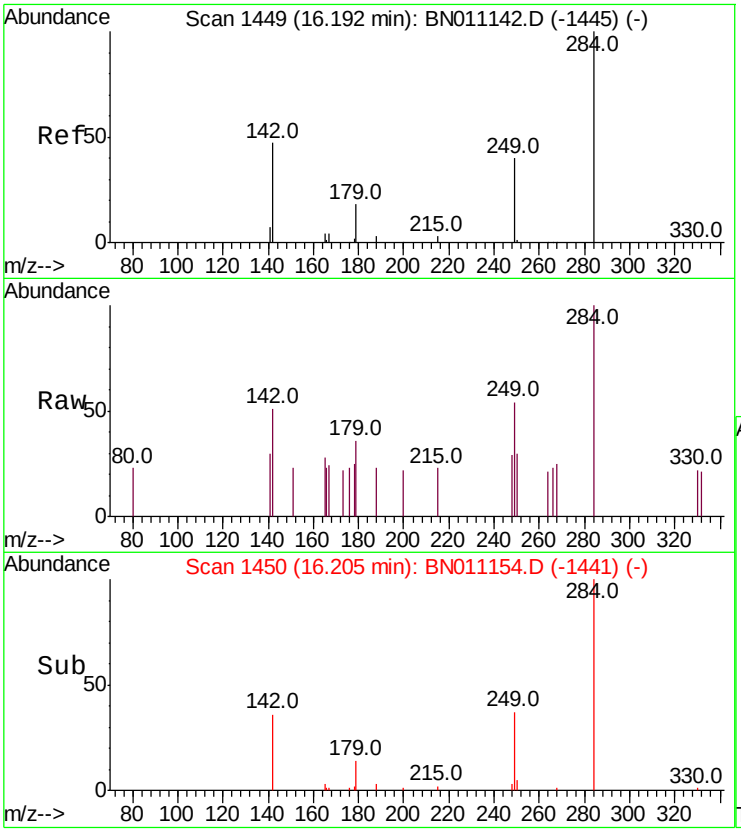


#21
4-Bromophenyl-phenylether
Concen: 0.067 ng
RT: 16.12 min Scan# 1443
Delta R.T. 0.02 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:248 Resp: 210

Ion	Ratio	Lower	Upper
248	100		
250	102.7	78.4	117.6
141	86.4	45.1	67.7#



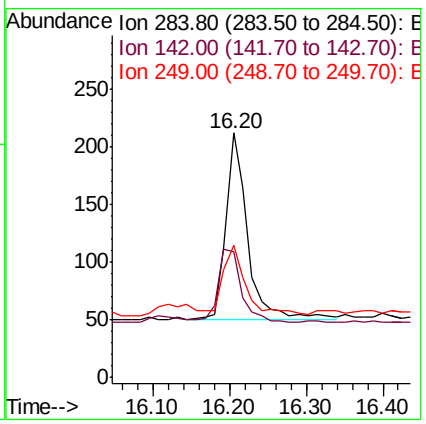


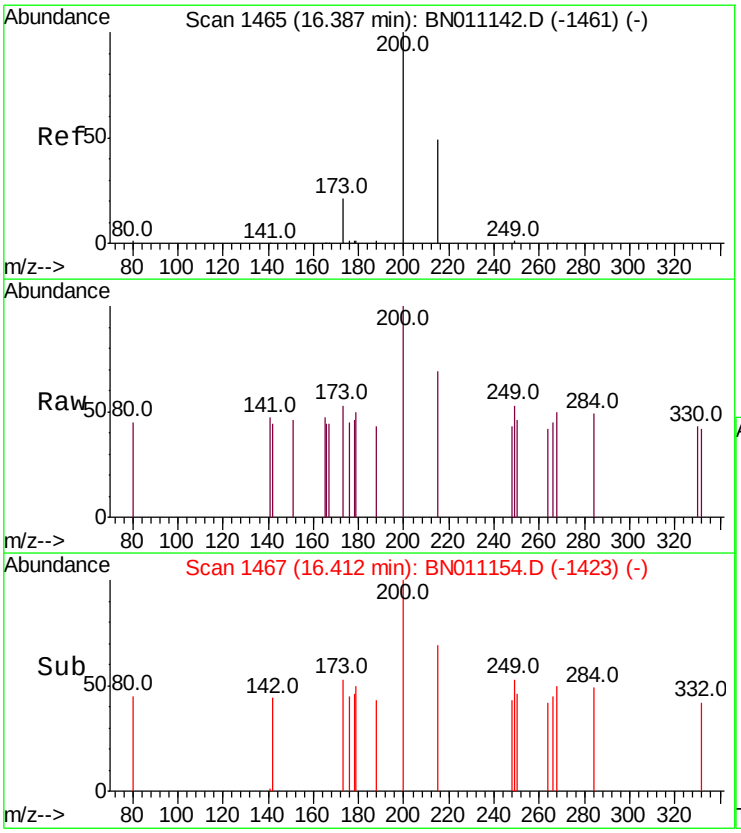
#22
Hexachlorobenzene
Concen: 0.087 ng
RT: 16.20 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:284 Resp: 315

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.6	48.8
249	39.0	28.4	42.6

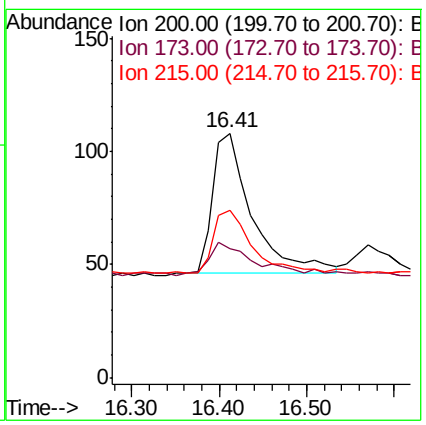


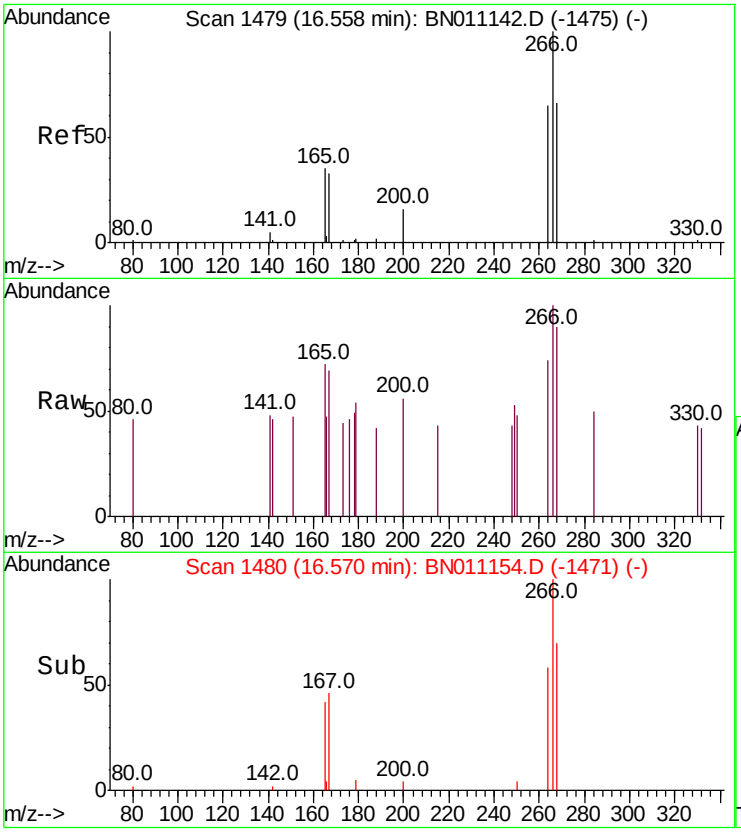


#23
Atrazine
Concen: 0.089 ng
RT: 16.41 min Scan# 1467
Delta R.T. 0.04 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:200 Resp: 195

Ion	Ratio	Lower	Upper
200	100		
173	52.8	23.0	34.4#
215	68.5	42.6	63.8#



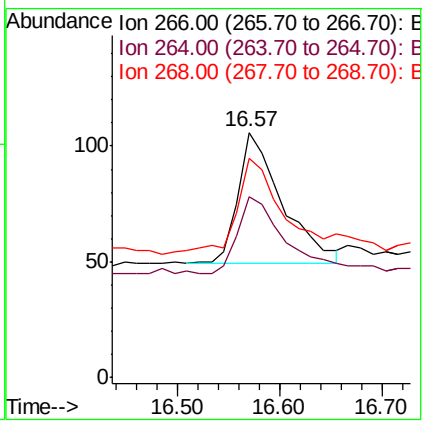


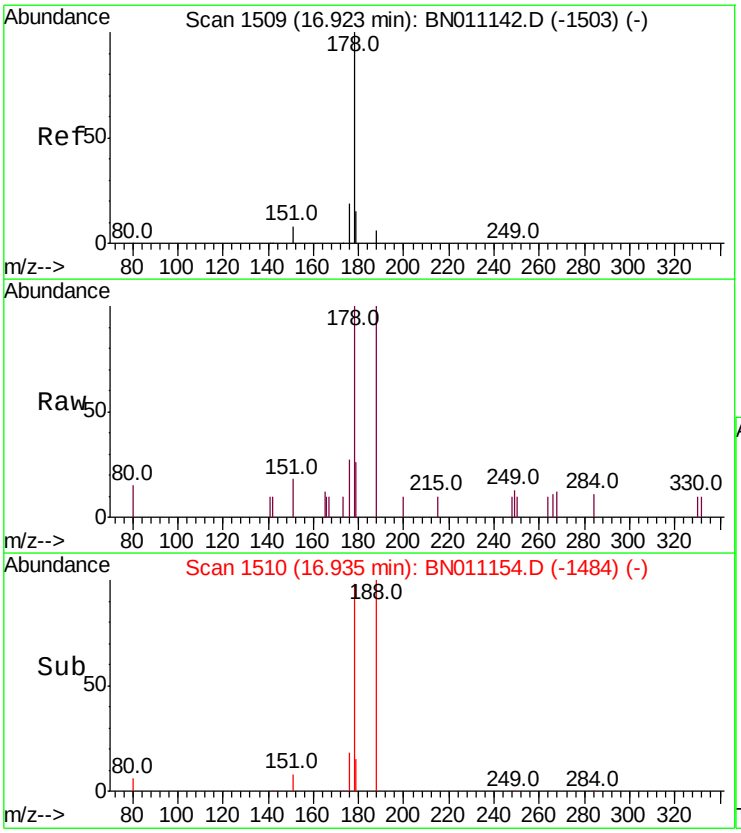
#24
Pentachlorophenol
Concen: 0.160 ng
RT: 16.57 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:266 Resp: 172

Ion	Ratio	Lower	Upper
266	100		
264	65.1	52.5	78.7
268	80.2	48.9	73.3#

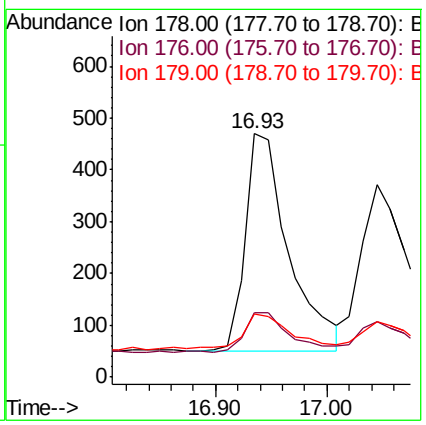


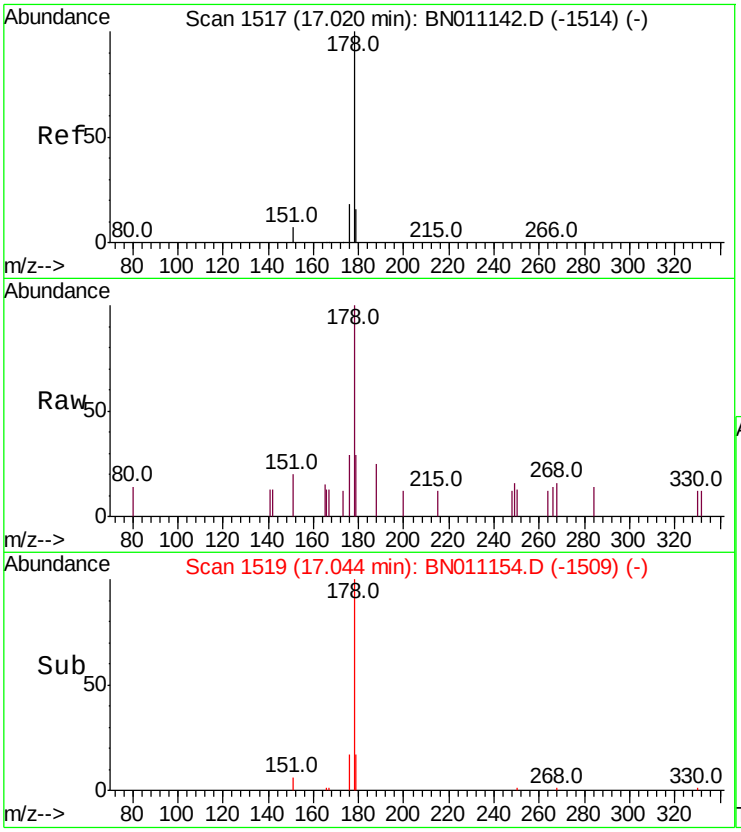


#25
Phenanthrene
Concen: 0.078 ng
RT: 16.93 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:178 Resp: 1145

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.3	12.6	18.8



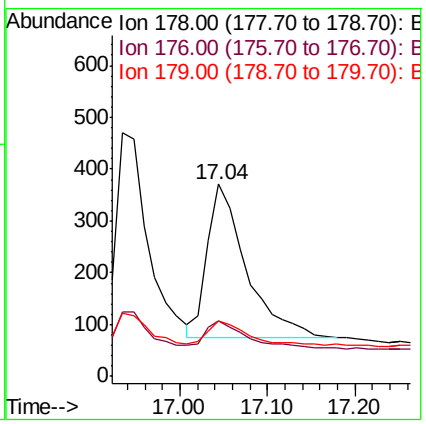


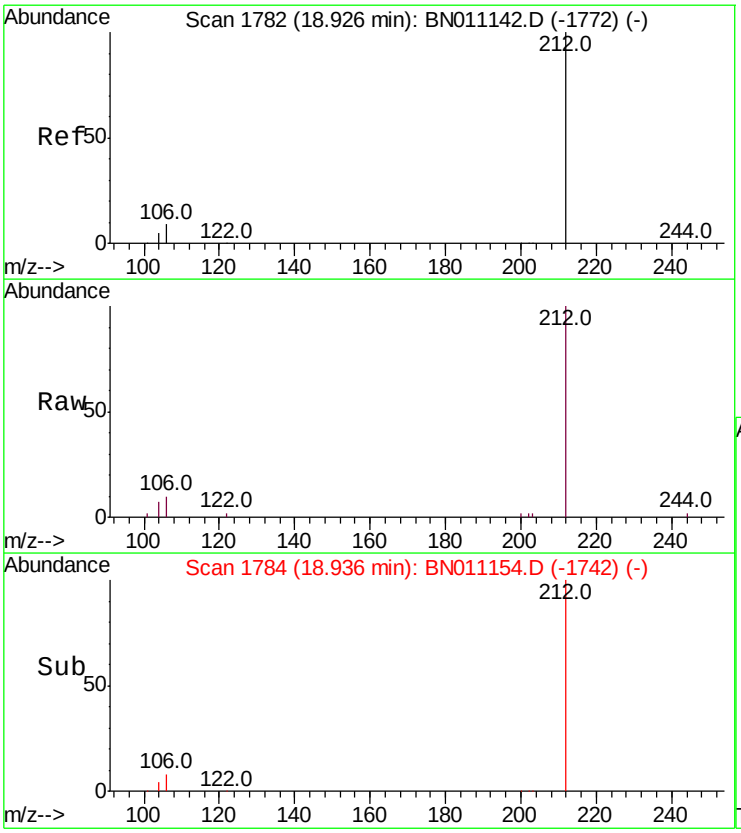
#26
Anthracene
Concen: 0.075 ng
RT: 17.04 min Scan# 1519
Delta R.T. 0.02 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:178 Resp: 922

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.5	21.7
179	16.1	12.0	18.0

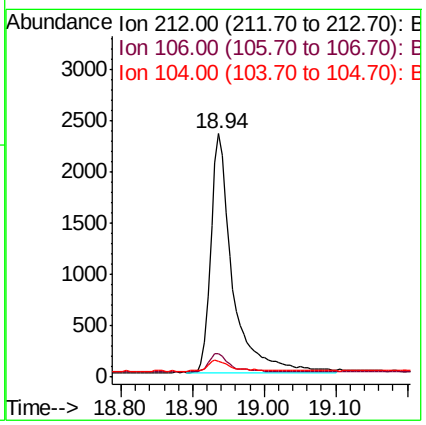


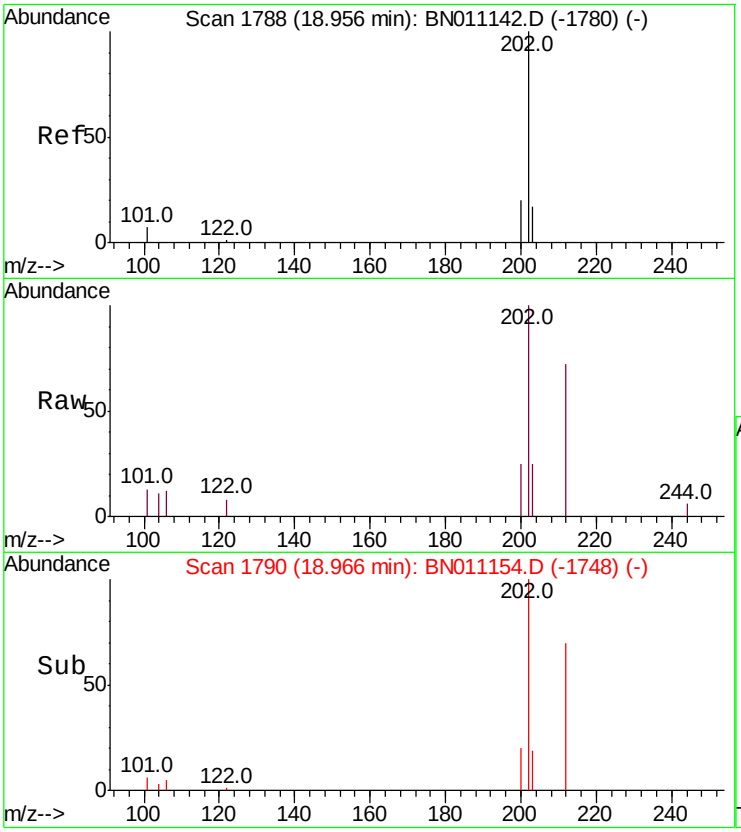


#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 18.94 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:212 Resp: 4860

Ion	Ratio	Lower	Upper
212	100		
106	7.7	7.0	10.6
104	4.6	4.2	6.4



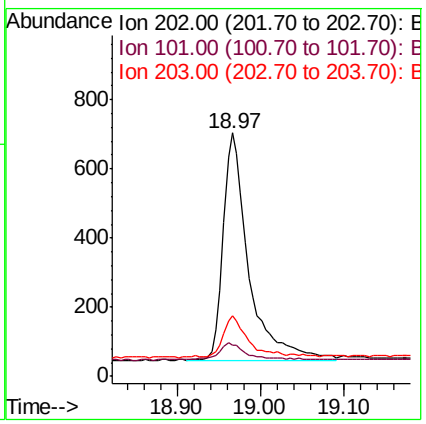


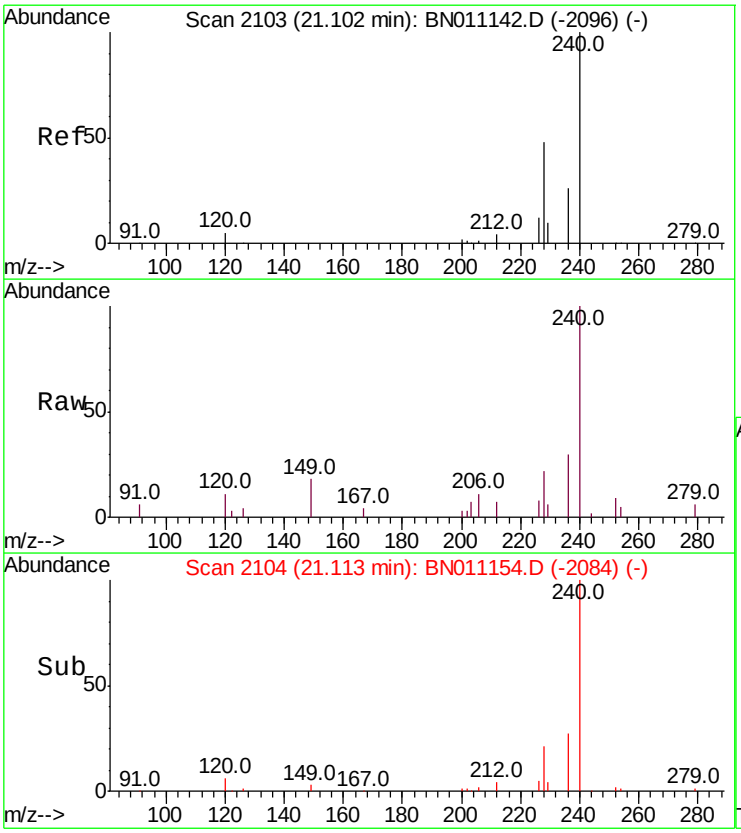
#28
Fluoranthene
Concen: 0.079 ng
RT: 18.97 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:202 Resp: 1393

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.9	8.9
203	17.2	13.6	20.4

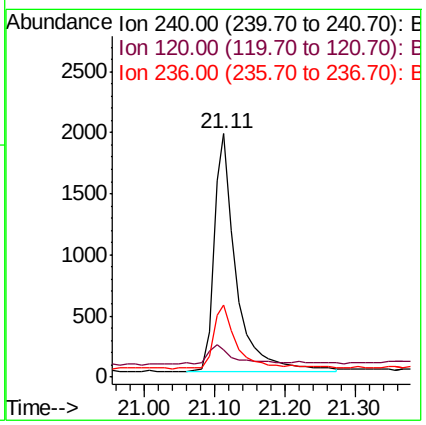


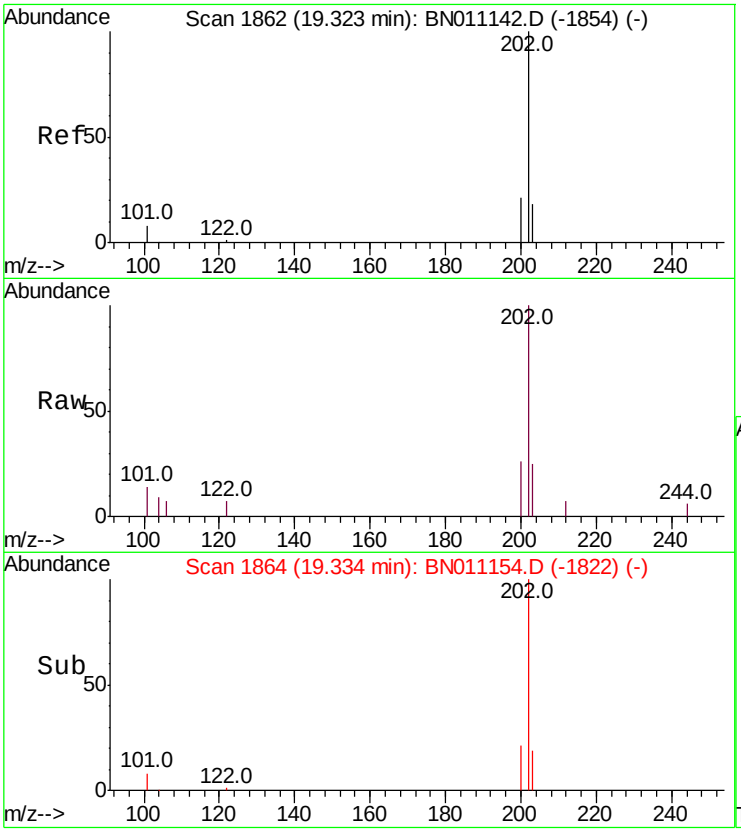


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:240 Resp: 4226

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.5	9.7#
236	29.7	21.9	32.9



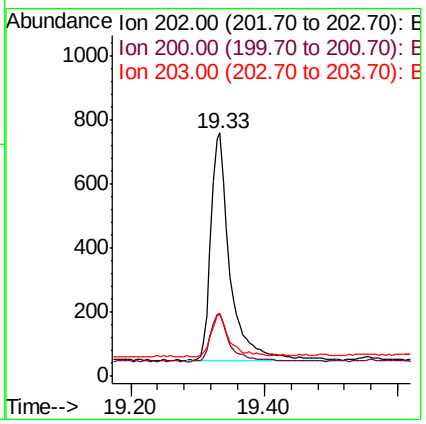


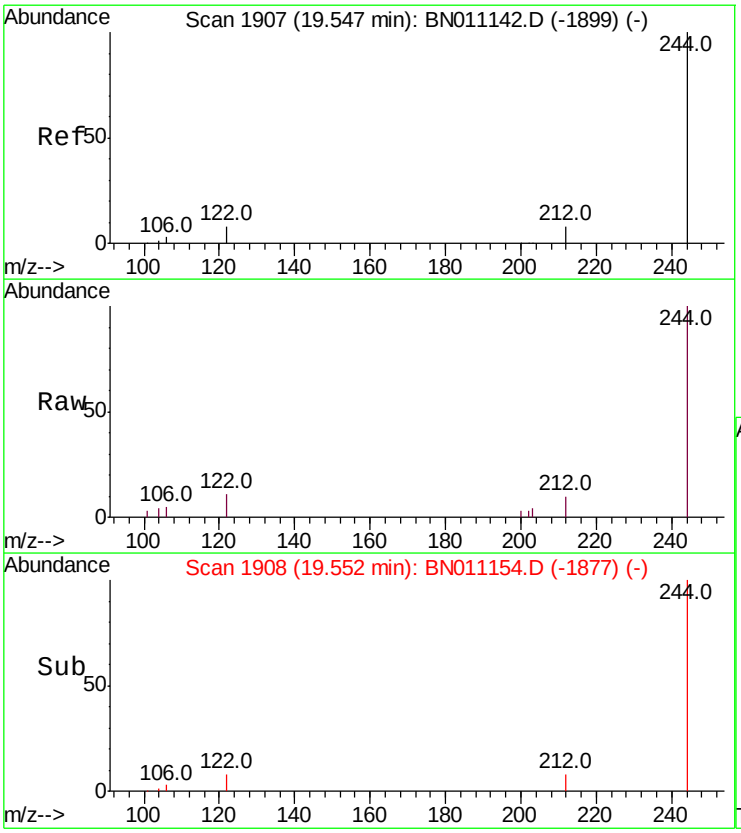
#30
Pyrene
Concen: 0.088 ng
RT: 19.33 min Scan# 1864
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:202 Resp: 1412

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.7	14.2	21.4

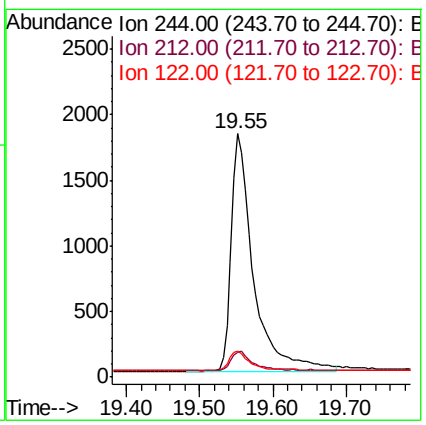


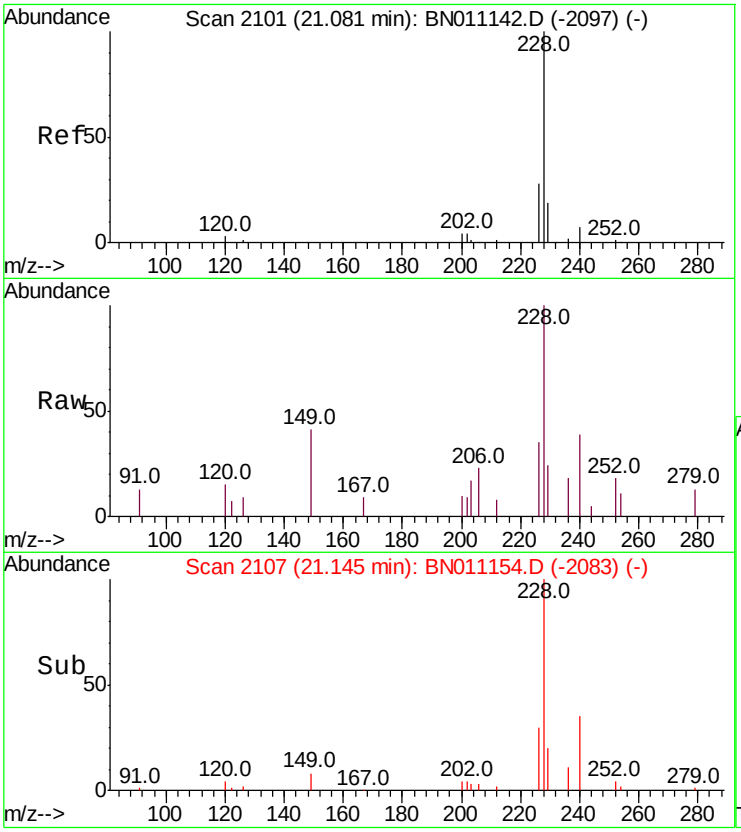


#31
Terphenyl-d14
Concen: 0.346 ng
RT: 19.55 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:244 Resp: 3803

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.8	11.6
122	10.8	7.4	11.0



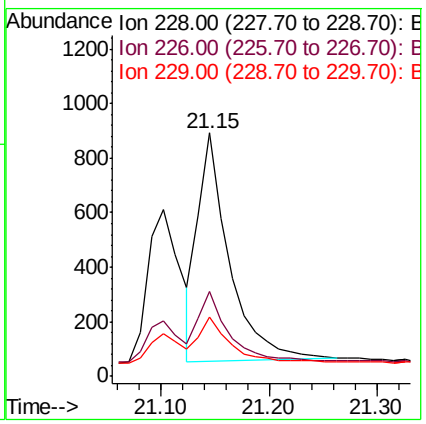


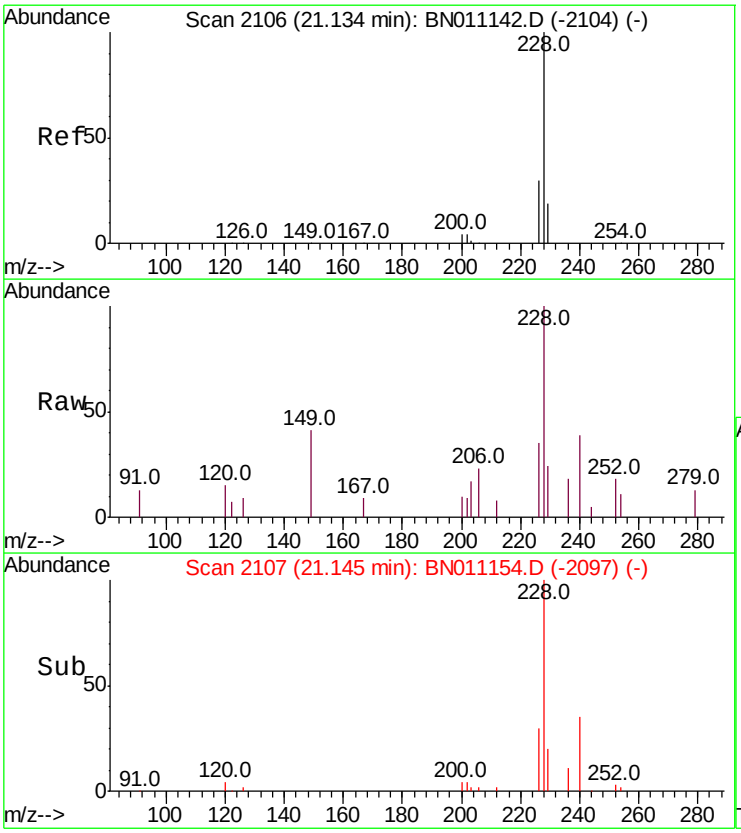
#32
Benzo(a)anthracene
Concen: 0.122 ng
RT: 21.15 min Scan# 2107
Delta R.T. 0.05 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:228 Resp: 1666

Ion	Ratio	Lower	Upper
228	100		
226	34.6	23.2	34.8
229	24.1	16.2	24.4

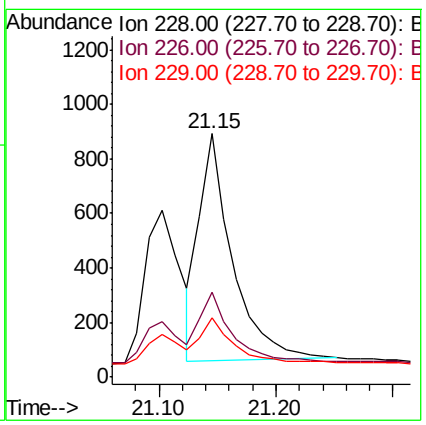


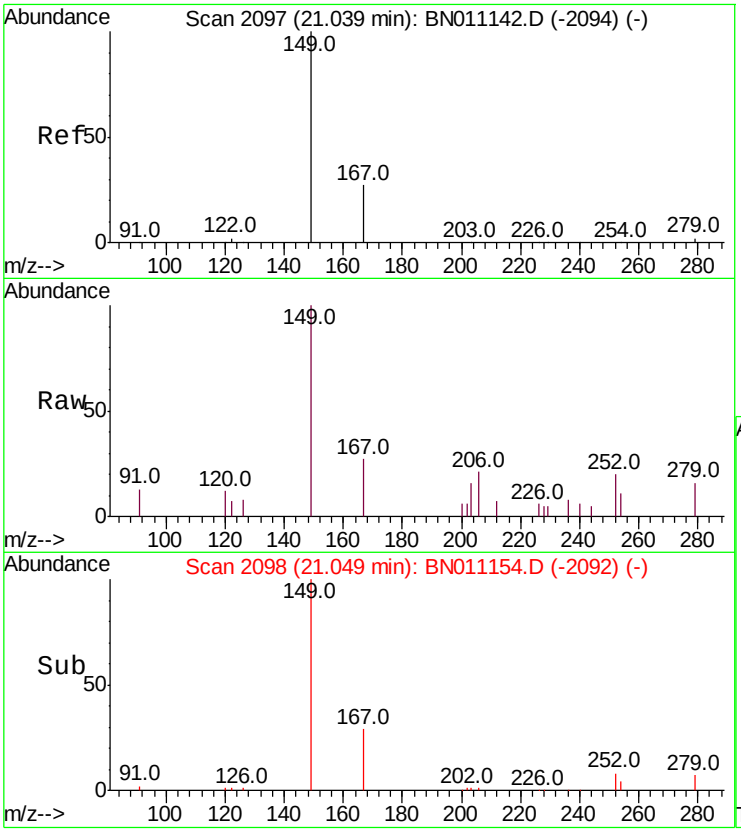


#33
Chrysene
Concen: 0.098 ng
RT: 21.15 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:228 Resp: 1643

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.0	36.0
229	24.1	16.2	24.4



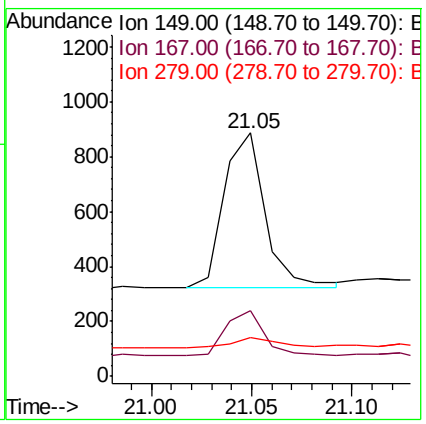


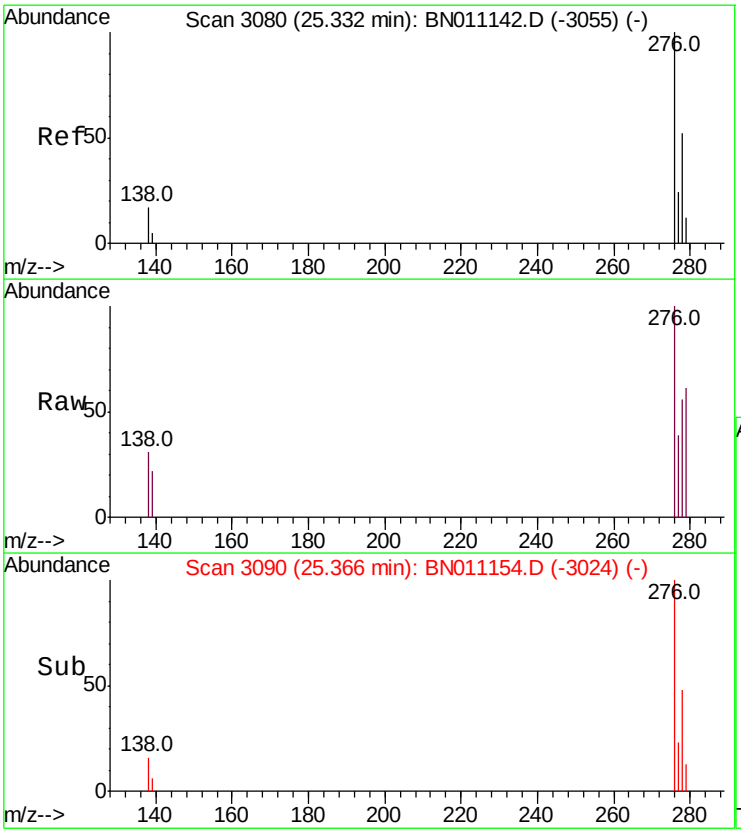
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.143 ng
RT: 21.05 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:149 Resp: 807

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.4	35.0
279	6.7	4.5	6.7

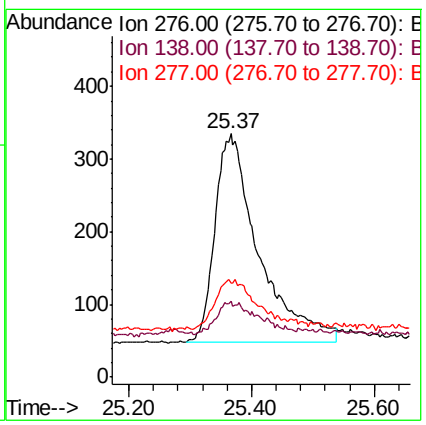


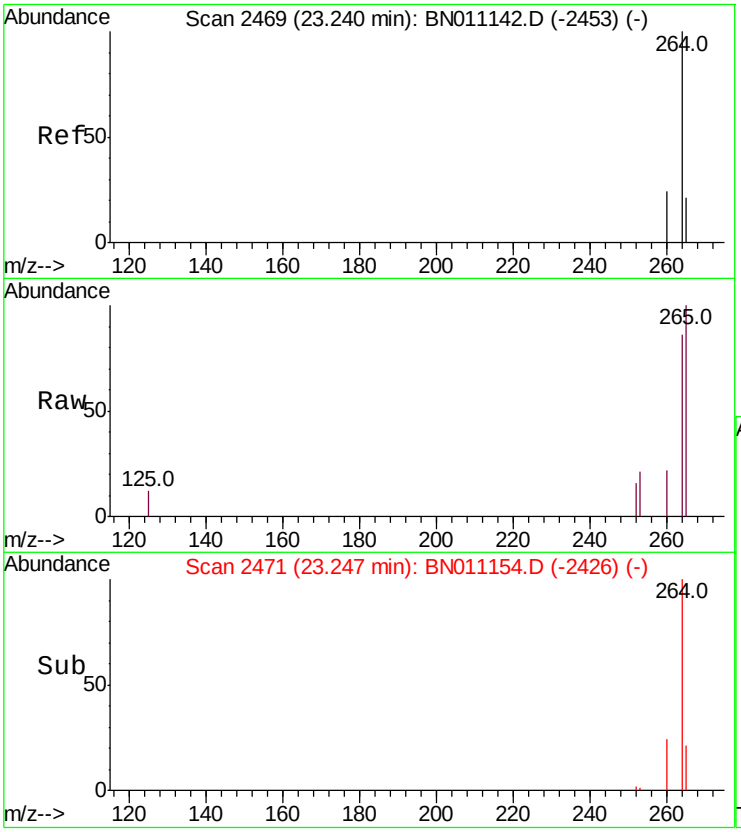


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.080 ng
RT: 25.37 min Scan# 3090
Delta R.T. 0.03 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:276 Resp: 1400

Ion	Ratio	Lower	Upper
276	100		
138	6.9	13.0	19.6#
277	9.9	19.7	29.5#



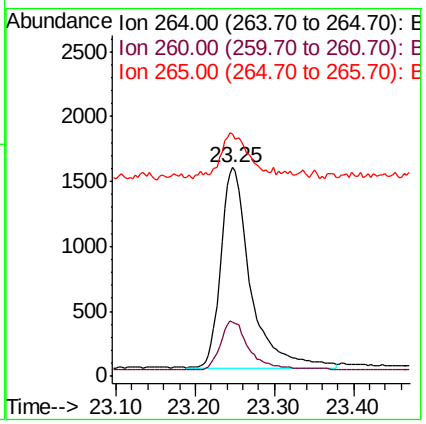


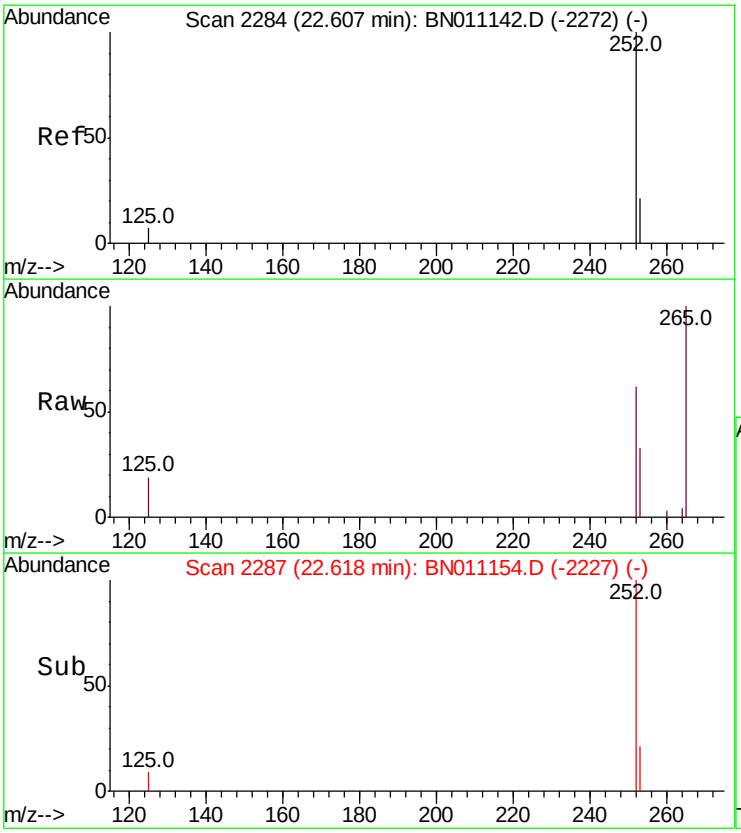
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2471
Delta R.T. 0.00 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:264 Resp: 4014

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.1	30.1
265	116.0	76.6	115.0#

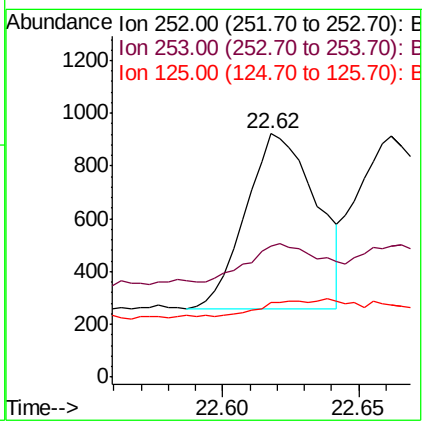


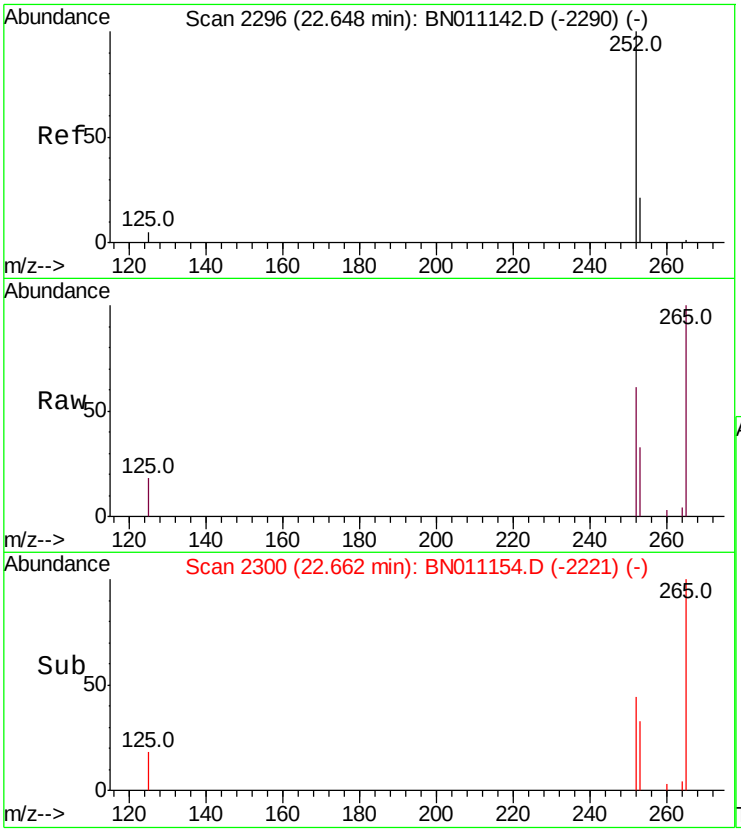


#37
Benzo(b)fluoranthene
Concen: 0.075 ng
RT: 22.62 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:252 Resp: 1205

Ion	Ratio	Lower	Upper
252	100		
253	53.6	22.6	34.0#
125	30.9	9.6	14.4#



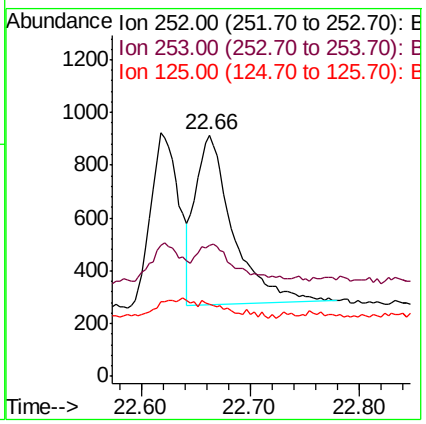


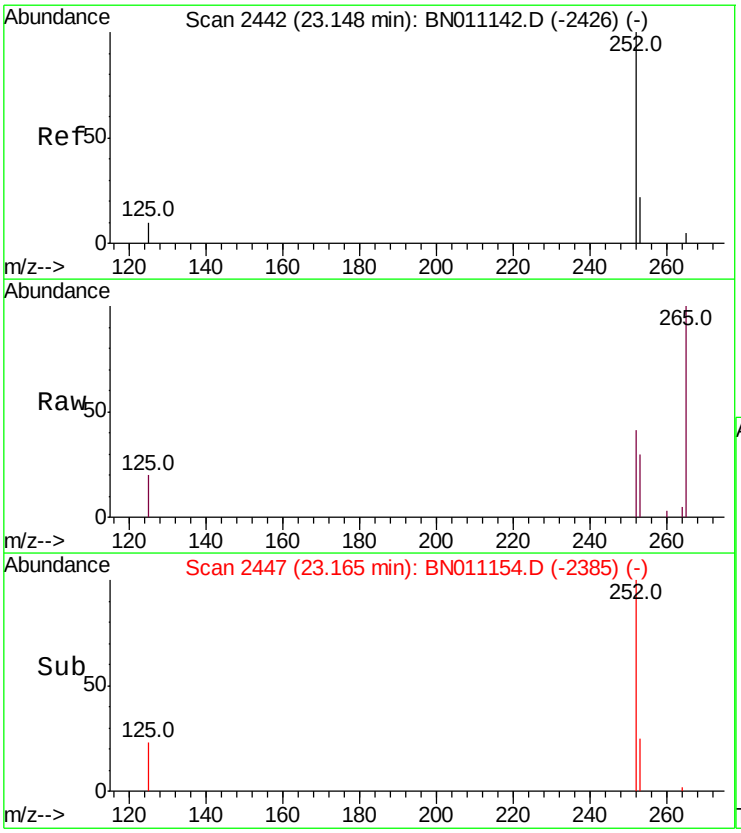
#38
Benzo(k)fluoranthene
Concen: 0.086 ng
RT: 22.66 min Scan# 2300
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:252 Resp: 1564

Ion	Ratio	Lower	Upper
252	100		
253	54.3	22.2	33.4#
125	29.6	11.0	16.4#

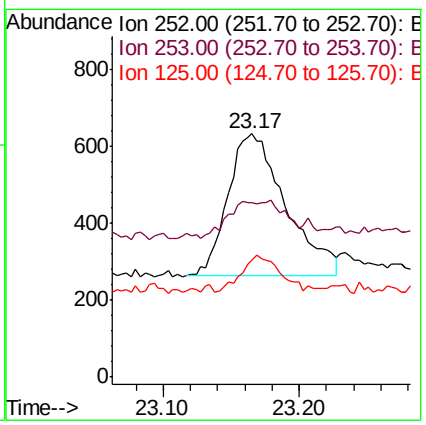


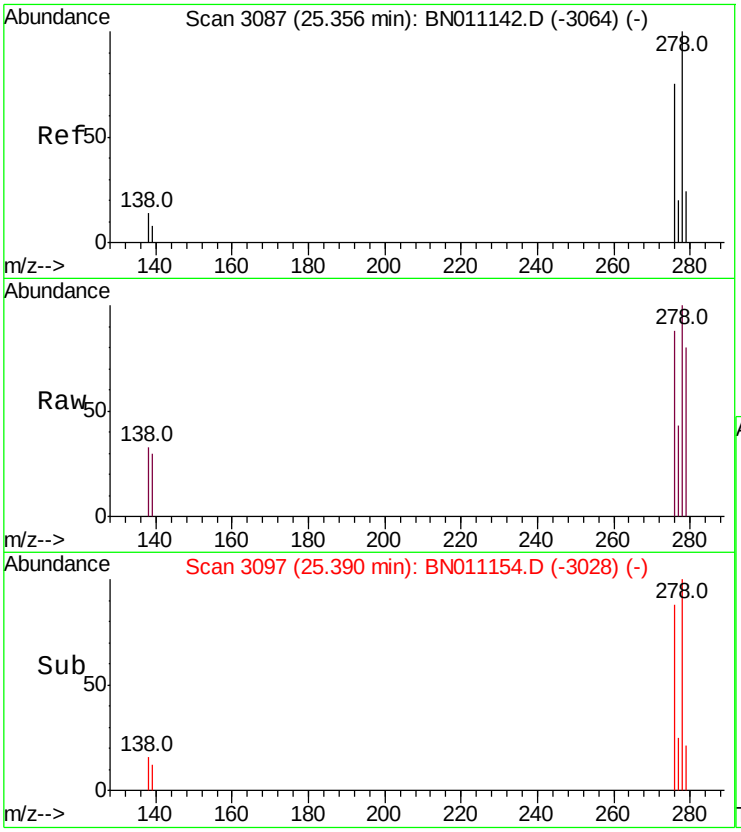


#39
Benzo(a)pyrene
Concen: 0.075 ng
RT: 23.17 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:252 Resp: 1084

Ion	Ratio	Lower	Upper
252	100		
253	71.9	25.8	38.6#
125	47.9	13.4	20.0#



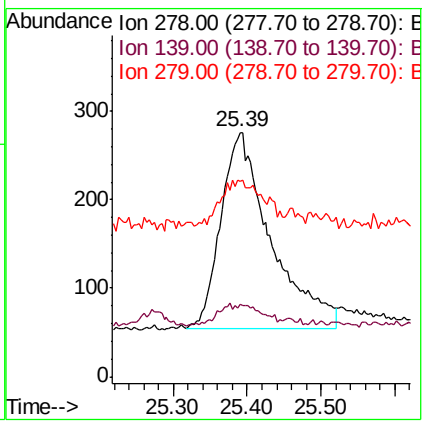


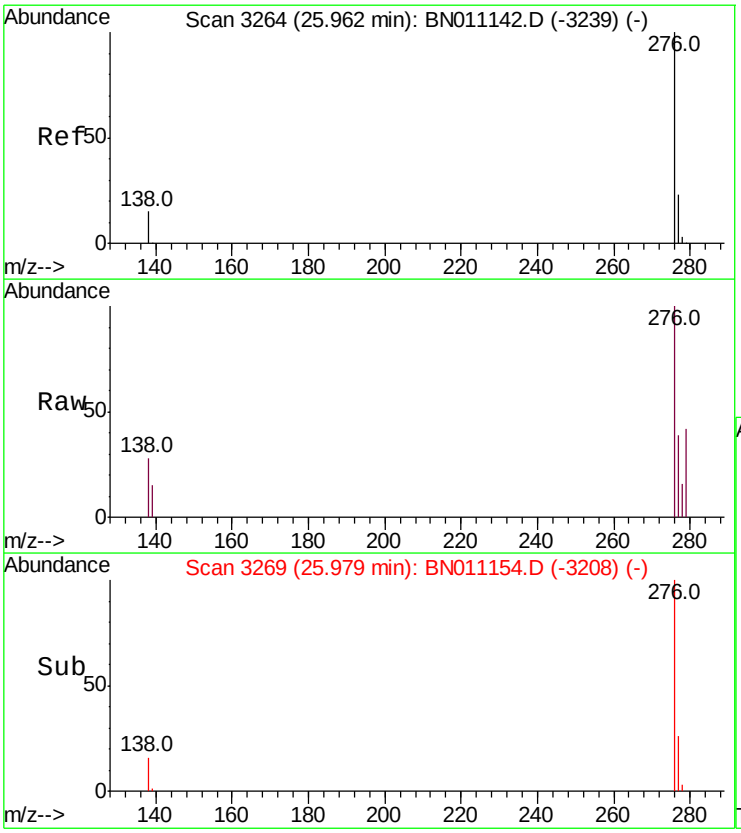
#40
Dibenzo(a,h)anthracene
Concen: 0.068 ng
RT: 25.39 min Scan# 3097
Delta R.T. 0.04 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tgt Ion:278 Resp: 1050

Ion	Ratio	Lower	Upper
278	100		
139	29.7	11.7	17.5#
279	80.1	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.085 ng
RT: 25.98 min Scan# 3269
Delta R.T. 0.01 min
Lab File: BN011154.D
Acq: 13 Jul 2020 15:47

Tgt Ion:276 Resp: 1441

Ion	Ratio	Lower	Upper
276	100		
277	39.4	20.5	30.7#
138	28.3	13.8	20.6#