Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003186.D
Acq On : 17 Oct 2018 18:53
Operator : MJ/SJ
Sample : J5302-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TW-2

Quant Time: Oct 18 15:38:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	1099	0.40	ng	0.00
7) Naphthalene-d8	10.43	136	5038	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	3575	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	9548	0.40	ng	-0.02
27) Chrysene-d12	21.24	240	11957	0.40	ng	-0.01
34) Perylene-d12	23.46	264	12879	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	576	0.24	ng	0.00
5) Phenol-d6	6.93	99	446	0.13	ng	0.00
8) Nitrobenzene-d5	8.87	82	1409	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.02	152	3354	0.39	ng	-0.02
14) 2,4,6-Tribromophenol	15.79	330	1202	0.53	ng	-0.03
15) 2-Fluorobiphenyl	12.88	172	7409	0.53	ng	-0.04
25) Fluoranthene-d10	19.07	212	11988	0.41	ng	-0.01
29) Terphenyl-d14	19.66	244	14303	0.55	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	70	Below Cal	#	17
3) n-Nitrosodimethylamine	3.63	42	14	0.165	ng	# 1
6) bis(2-Chloroethyl)ether	7.05	93	74	0.025	ng	# 25
9) Naphthalene	10.48	128	828	0.066	ng	# 64
10) Hexachlorobutadiene	10.71	225	2	0.001	ng	# 18
12) 2-Methylnaphthalene	12.10	142	149	0.017	ng	# 74
16) Acenaphthylene	13.99	152	74	0.005	ng	# 73
17) Acenaphthene	14.32	154	830	0.077	ng	98
18) Fluorene	15.34	166	297	0.021	ng	# 78
20) 4-Bromophenyl-phenylether	16.17	248	4	0.001	ng	# 42
21) Hexachlorobenzene	16.30	284	1	0.000	ng	# 45
22) Pentachlorophenol	16.74	266	6	0.087	ng	# 69
23) Phenanthrene	17.07	178	323	0.013	ng	# 93
24) Anthracene	17.18	178	187	0.008	ng	# 90
26) Fluoranthene	19.10	202	176	0.005	ng	# 79
28) Pyrene	19.46	202	172	0.005	ng	# 64
30) Benzo(a)anthracene	21.23	228	151	0.005	ng	# 1
31) Chrysene	21.28	228	169	0.005	ng	# 10
32) Bis(2-ethylhexyl)phthalate	21.13	149	1856	0.104	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.71	276	65	0.001	ng	# 81
35) Benzo(b)fluoranthene	22.82	252	181	0.005	ng	# 1
36) Benzo(k)fluoranthene	22.85	252	149	0.004	ng	# 1
37) Benzo(a)pyrene	23.38	252	93	0.003	ng	# 1
38) Dibenzo(a,h)anthracene	25.71	278	53	0.001	ng	# 1
39) Benzo(g,h,i)perylene	26.40	276	101	0.003	ng	# 1

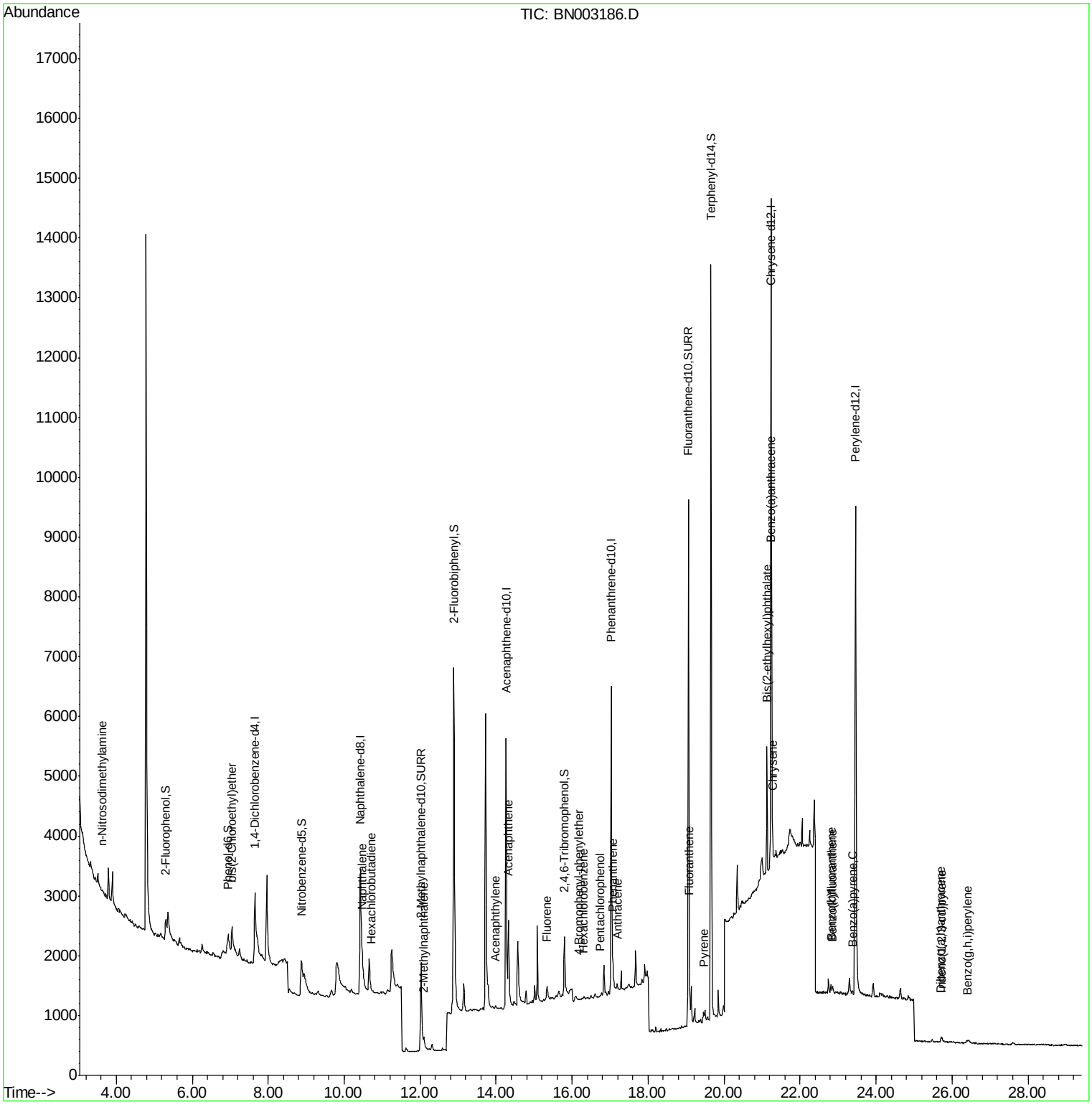
(#) = qualifier out of range (m) = manual integration (+) = signals summed

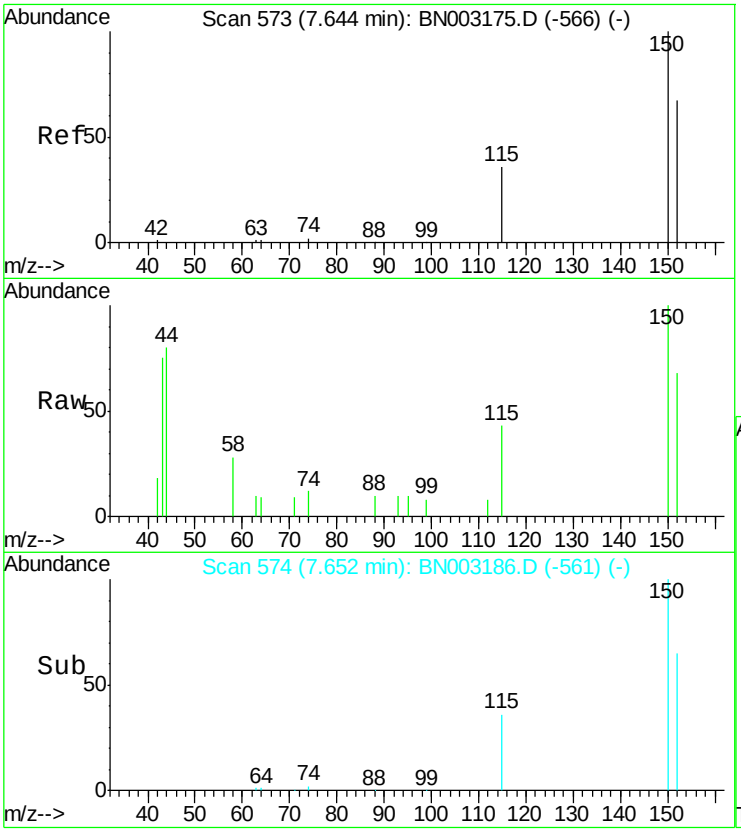
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003186.D
Acq On : 17 Oct 2018 18:53
Operator : MJ/SJ
Sample : J5302-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW-2

Quant Time: Oct 18 15:38:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration



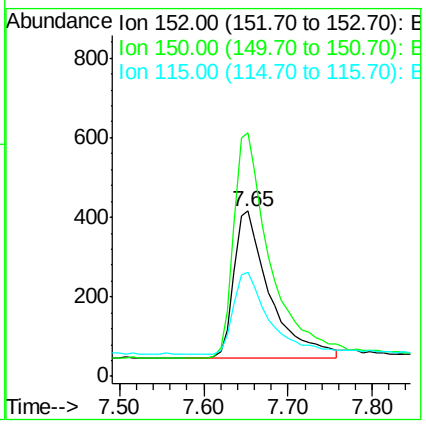


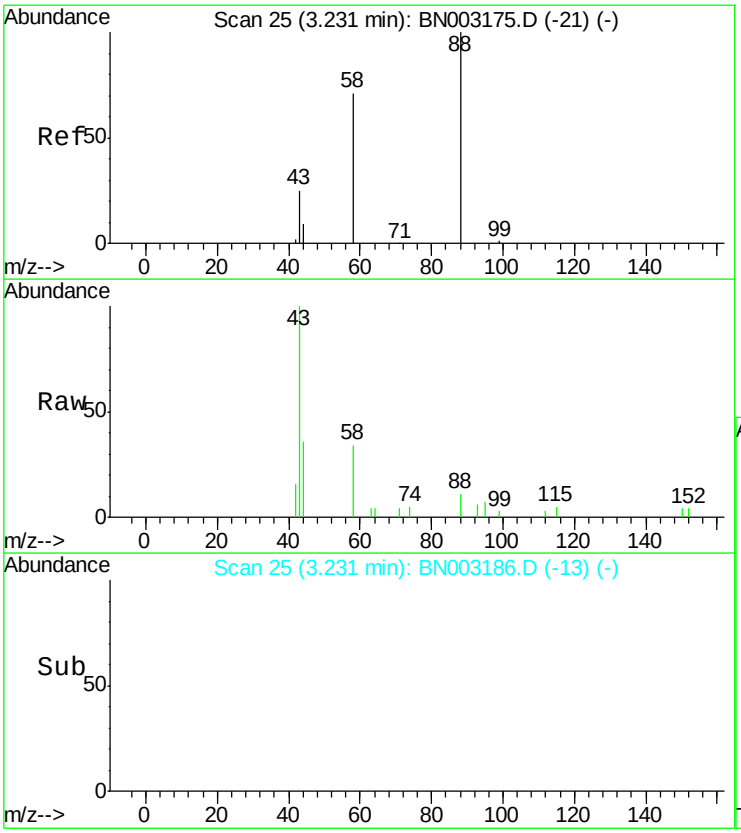
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 574
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 1099

Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.2	189.4
115	63.1	49.8	74.6

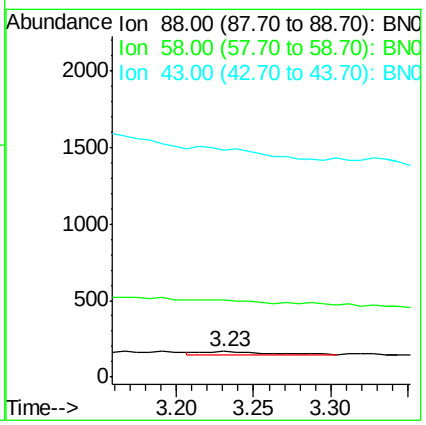


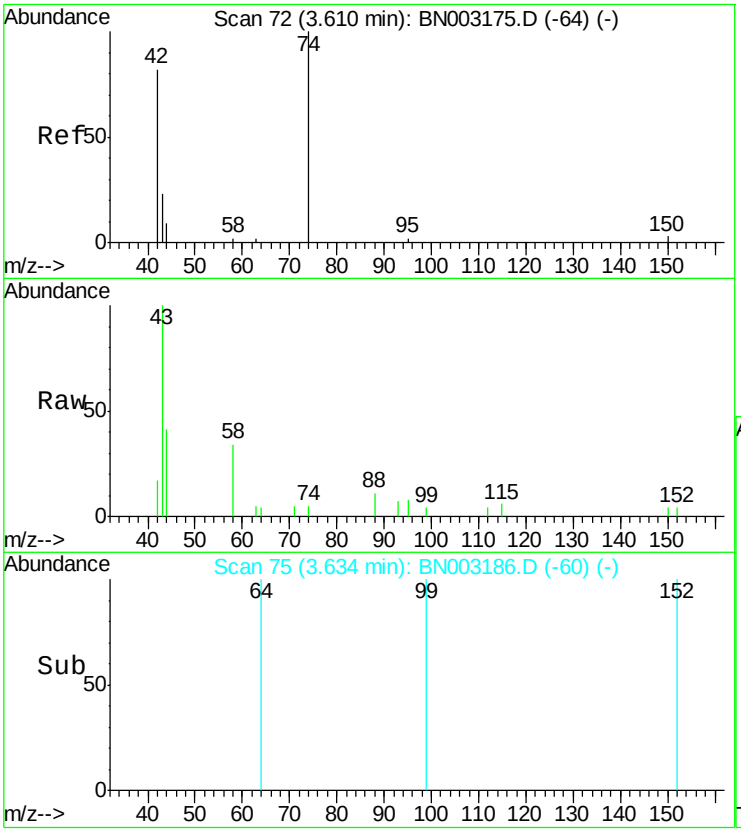


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
58	0.0	66.7	100.1#
43	0.0	24.6	37.0#



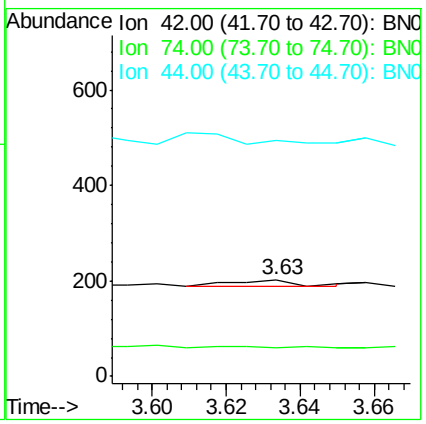


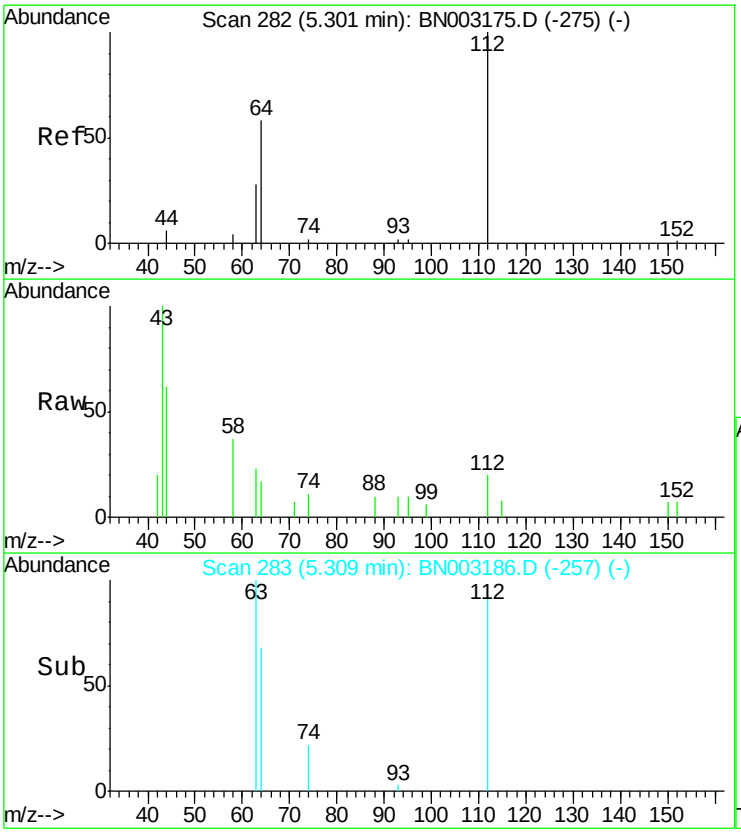
#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.63 min Scan# 75
Delta R.T. 0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion: 42 Resp: 14

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.9	154.3#
44	0.0	0.0	0.0

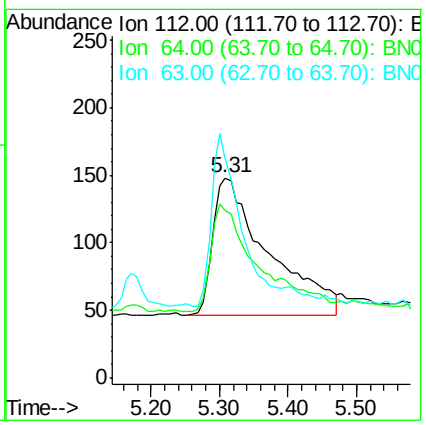


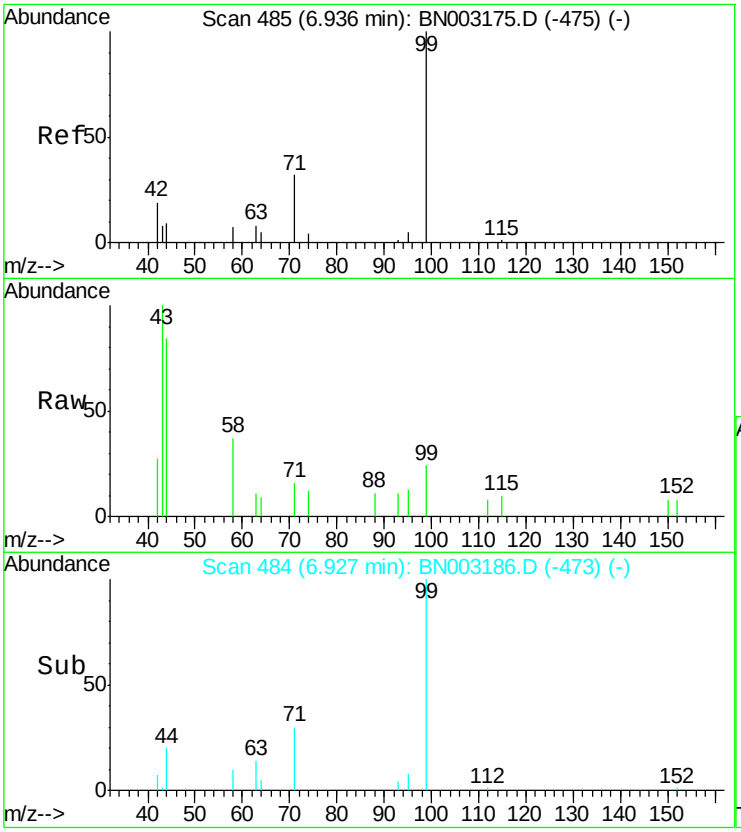


#4
2-Fluorophenol
Concen: 0.237 ng
RT: 5.31 min Scan# 283
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:112 Resp: 576

Ion	Ratio	Lower	Upper
112	100		
64	67.5	49.0	73.4
63	71.5	25.9	38.9#



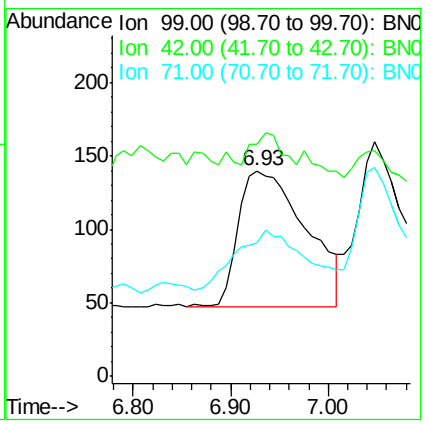


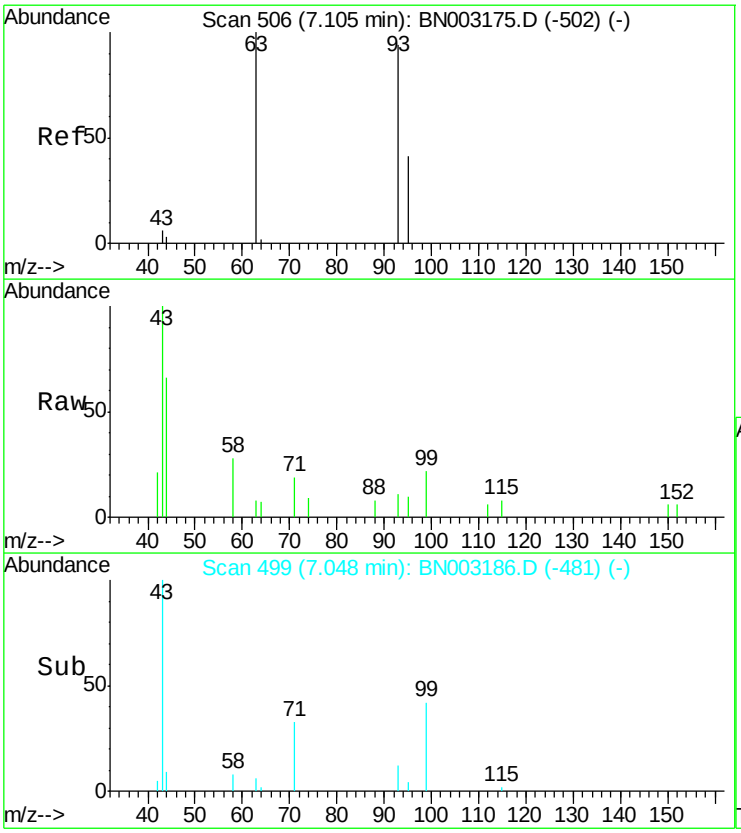
#5
Phenol-d6
Concen: 0.129 ng
RT: 6.93 min Scan# 484
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion: 99 Resp: 446

Ion	Ratio	Lower	Upper
99	100		
42	9.0	15.4	23.2#
71	43.9	26.0	39.0#

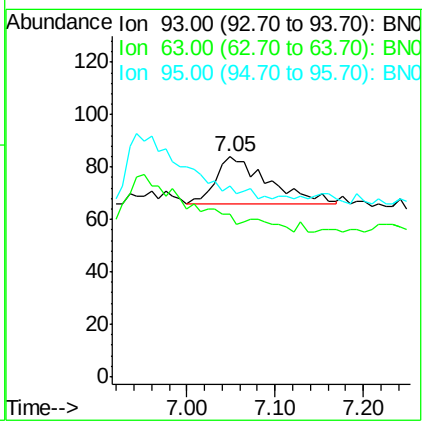


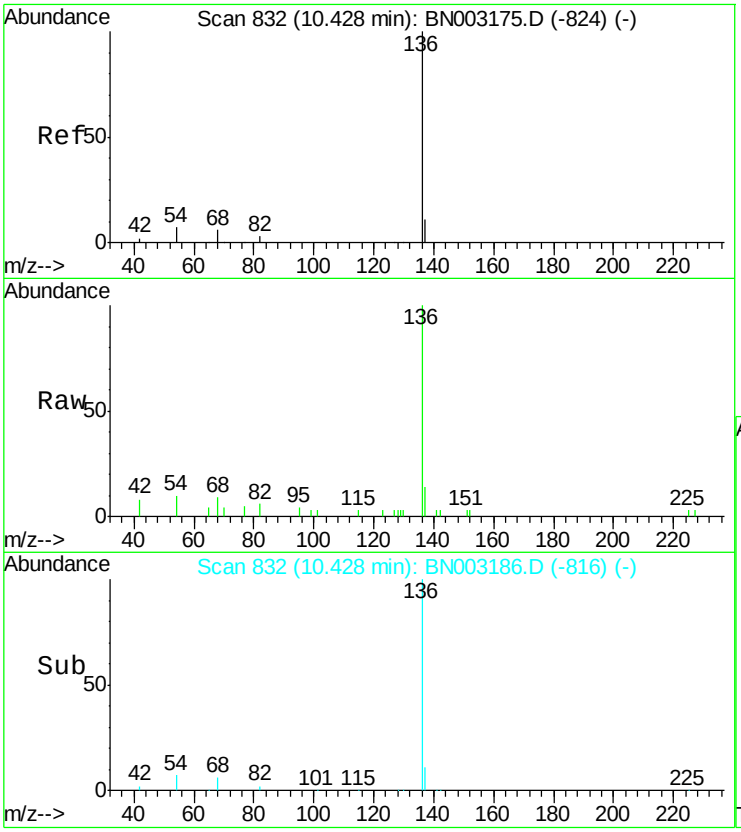


#6
bis(2-Chloroethyl)ether
Concen: 0.025 ng
RT: 7.05 min Scan# 499
Delta R.T. -0.06 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion: 93 Resp: 74

Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	0.0	24.9	37.3#



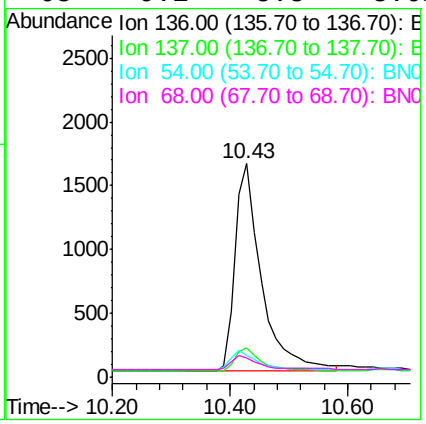


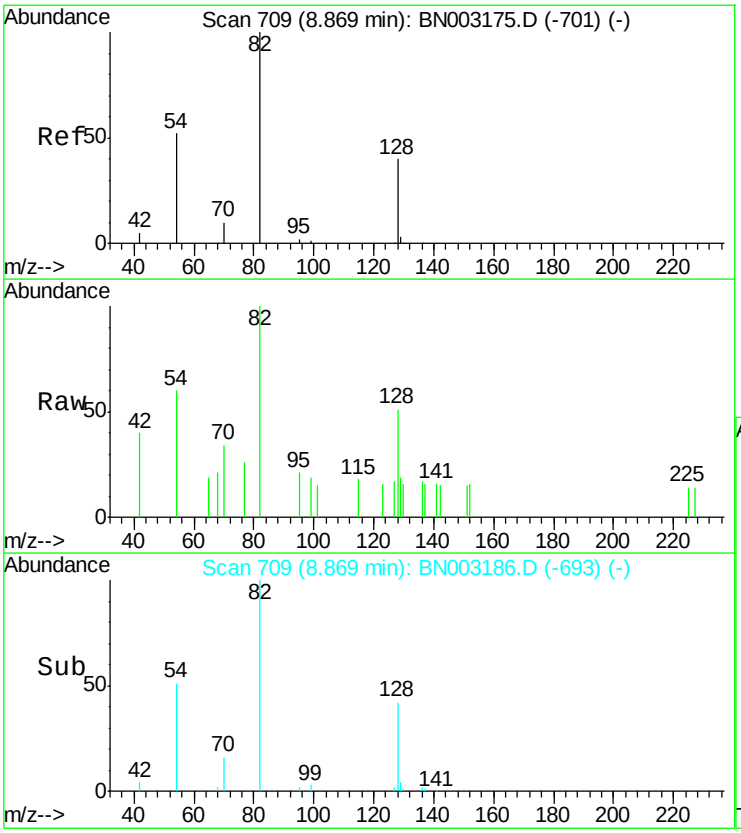
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 832
Delta R.T. -0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:136 Resp: 5038

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.4	14.0
54	10.2	7.4	11.0
68	9.1	5.8	8.6#

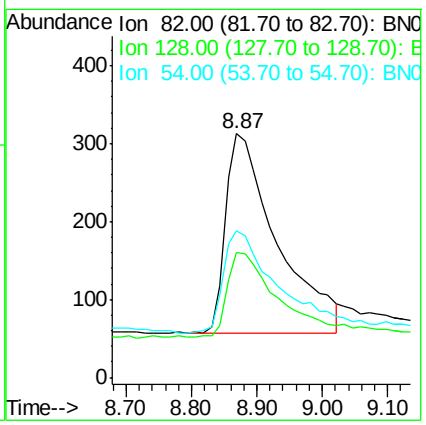


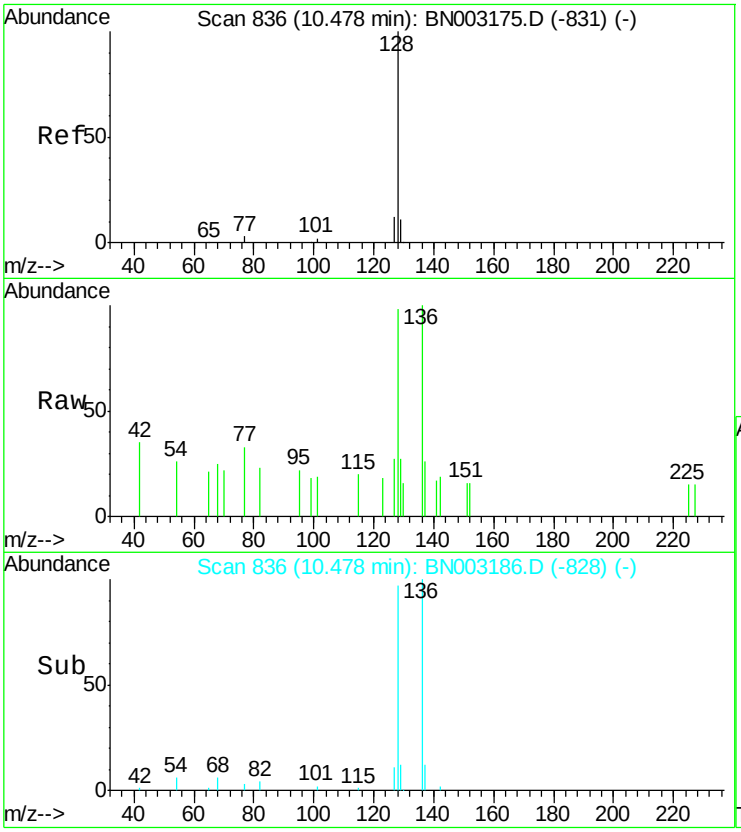


#8
Nitrobenzene-d5
Concen: 0.434 ng
RT: 8.87 min Scan# 709
Delta R.T. 0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion: 82 Resp: 1409

Ion	Ratio	Lower	Upper
82	100		
128	51.1	38.2	57.4
54	60.1	44.1	66.1



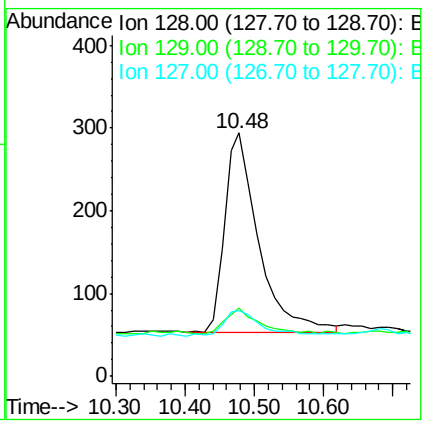


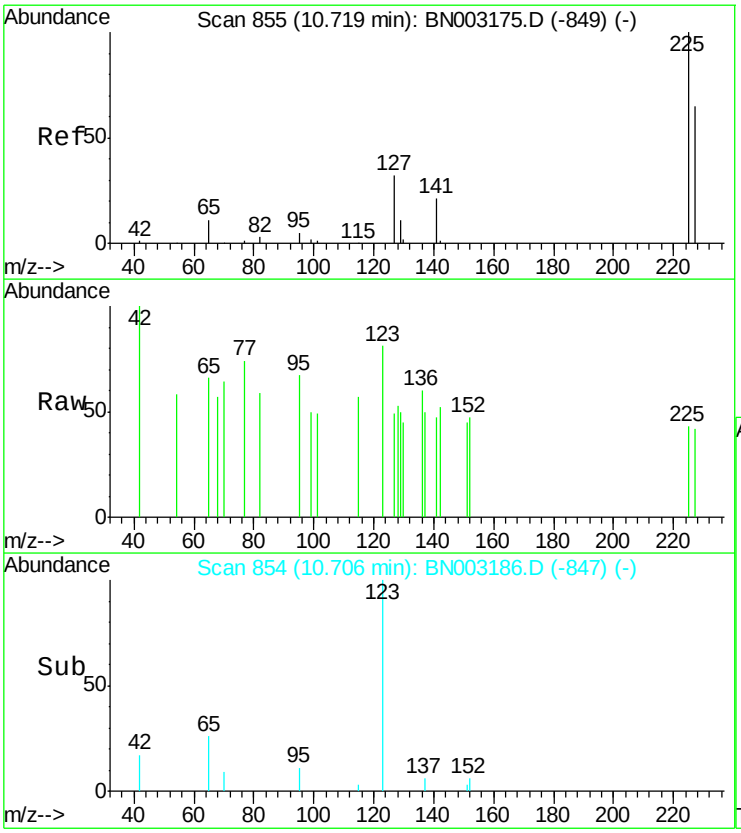
#9
Naphthalene
Concen: 0.066 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:128 Resp: 828

Ion	Ratio	Lower	Upper
128	100		
129	27.9	9.8	14.6#
127	27.2	11.4	17.2#

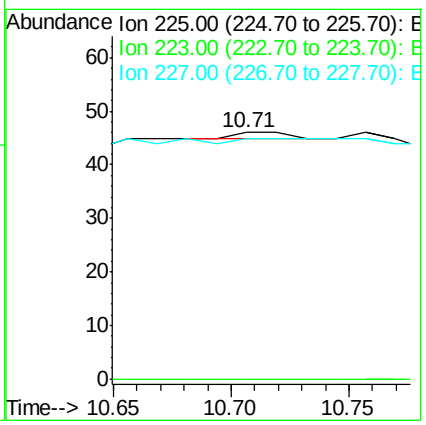


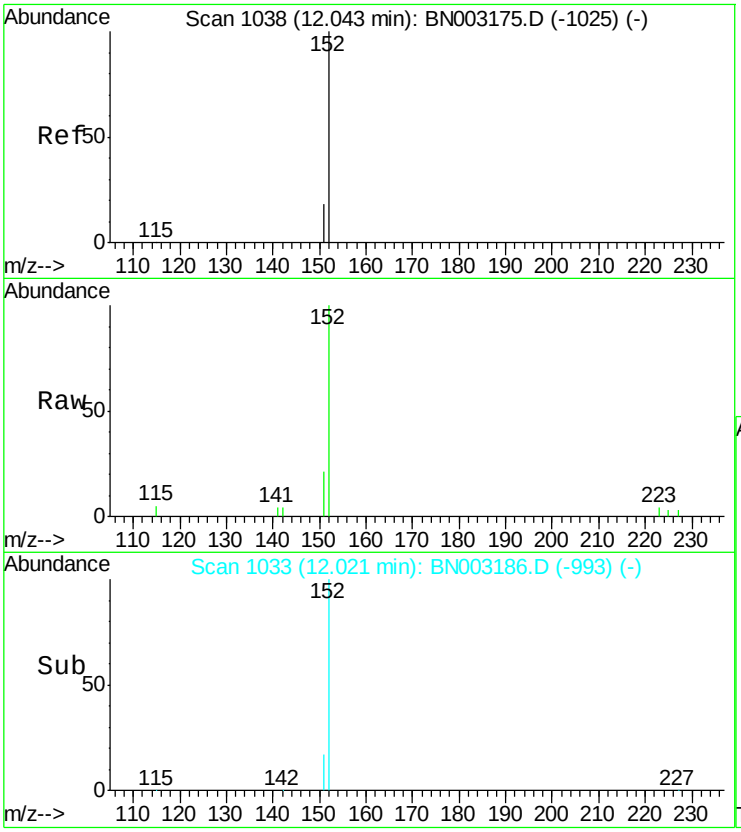


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.8	77.8#



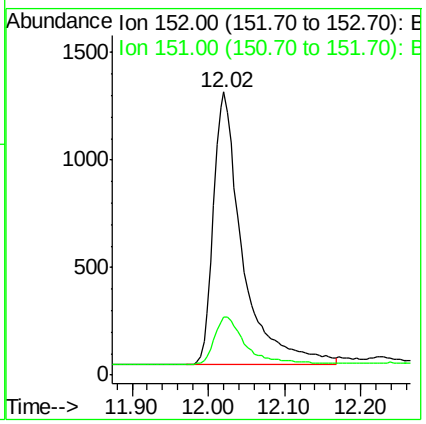


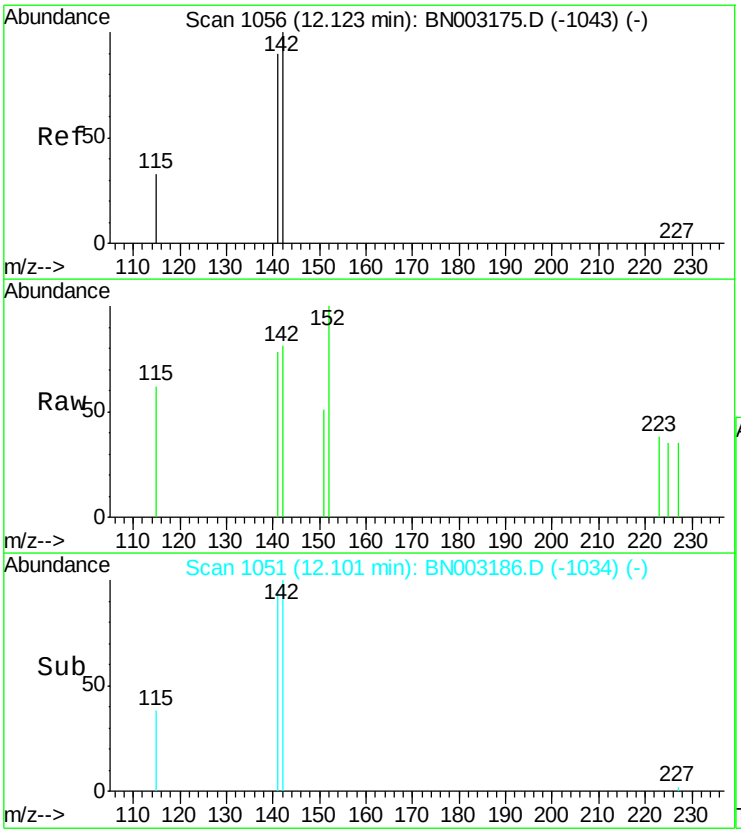
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.02 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 3354

Ion	Ratio	Lower	Upper
152	100		
151	18.2	15.0	22.4

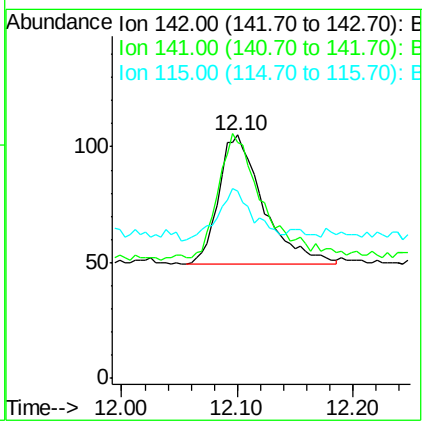


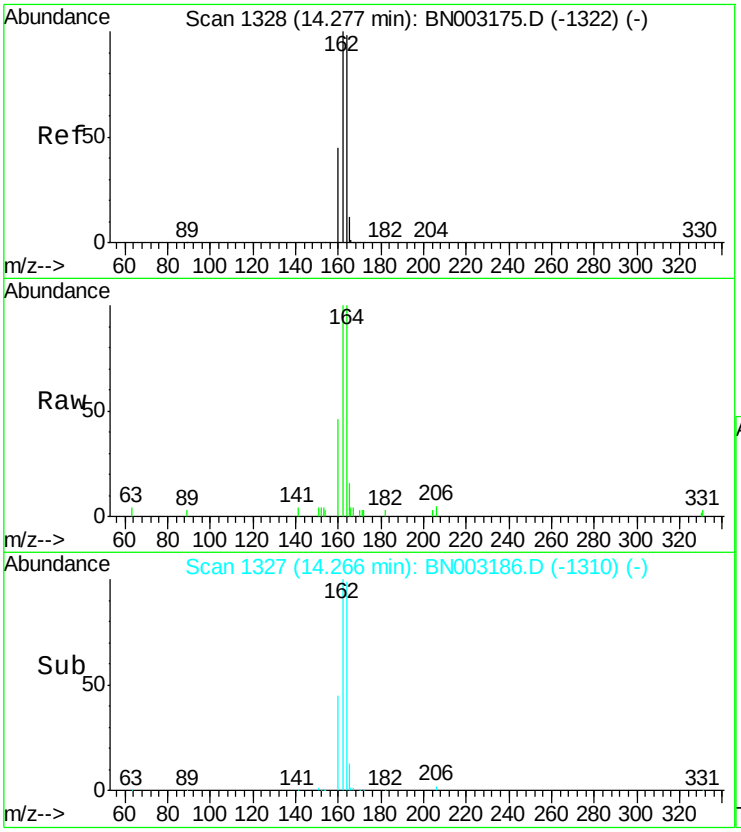


#12
2-Methylnaphthalene
Concen: 0.017 ng
RT: 12.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:142 Resp: 149

Ion	Ratio	Lower	Upper
142	100		
141	97.1	71.5	107.3
115	77.1	28.1	42.1#



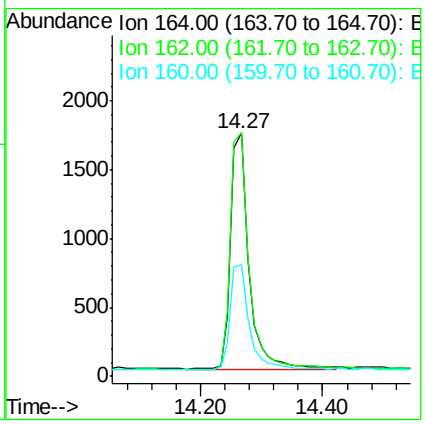


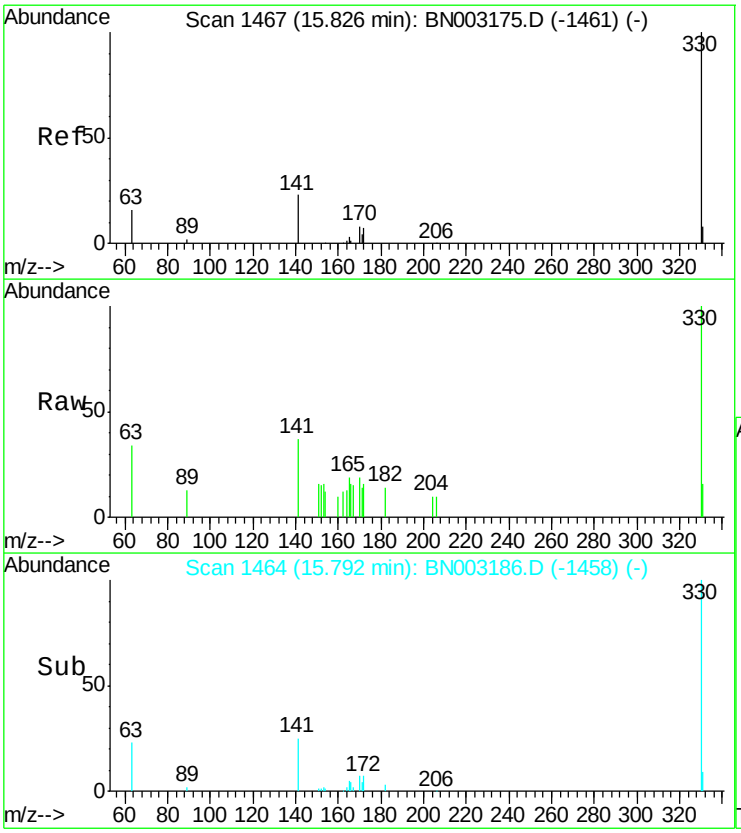
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:164 Resp: 3575

Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.7	122.5
160	46.0	36.3	54.5

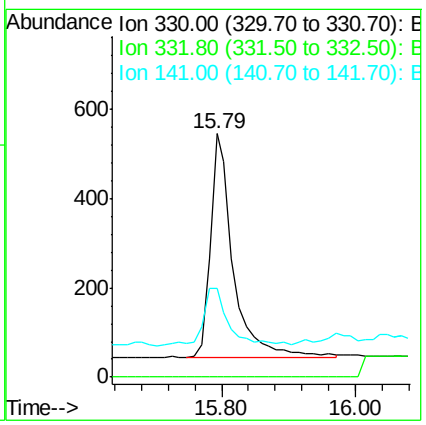


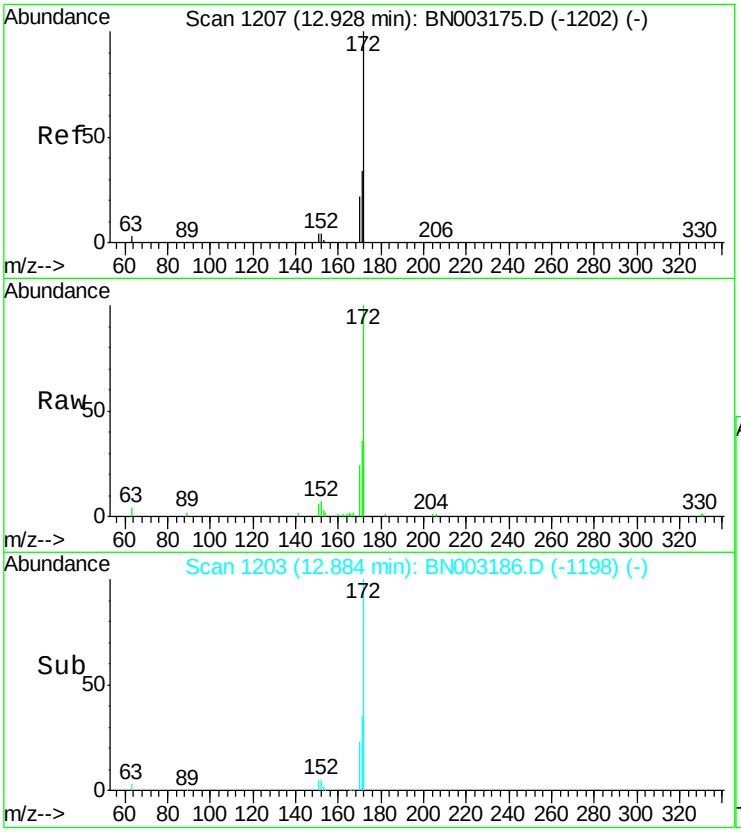


#14
2,4,6-Tribromophenol
Concen: 0.527 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:330 Resp: 1202

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.2	22.6	33.8



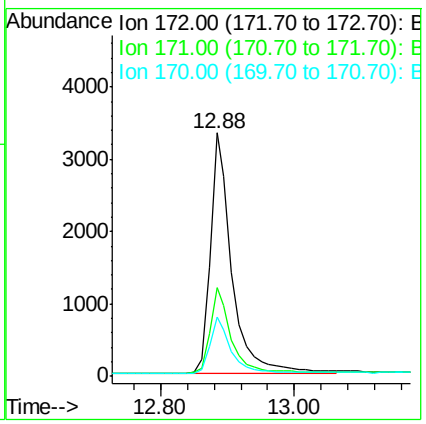


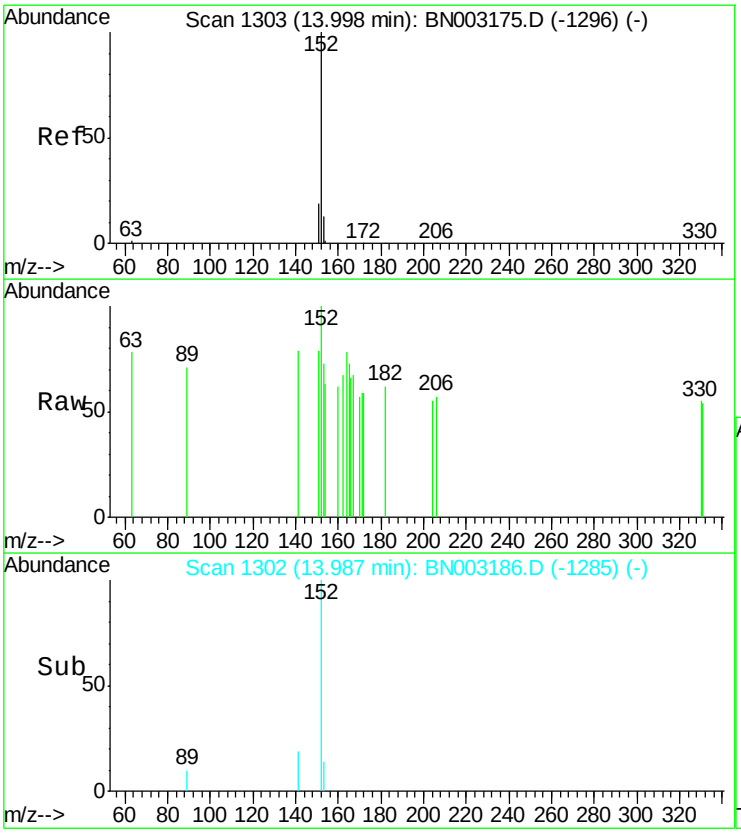
#15
2-Fluorobiphenyl
Concen: 0.526 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:172 Resp: 7409

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.2	18.6	27.8

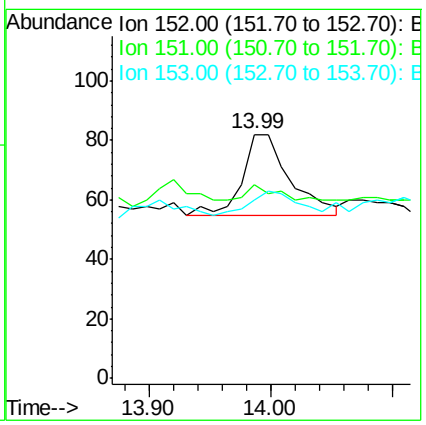


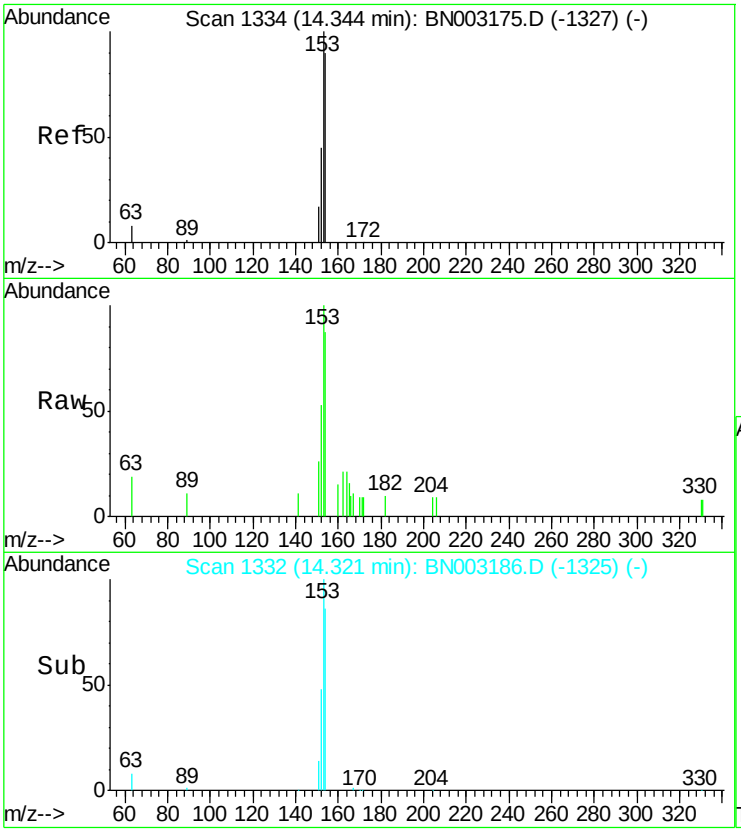


#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:152 Resp: 74

Ion	Ratio	Lower	Upper
152	100		
151	10.8	15.7	23.5#
153	28.4	10.6	16.0#



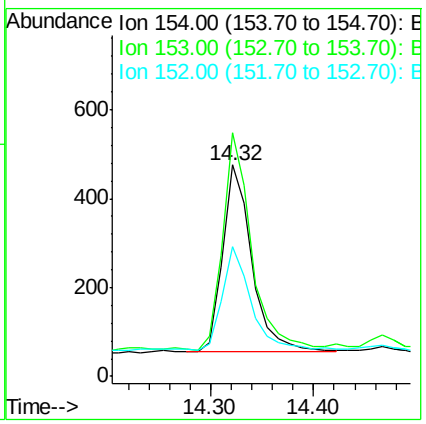


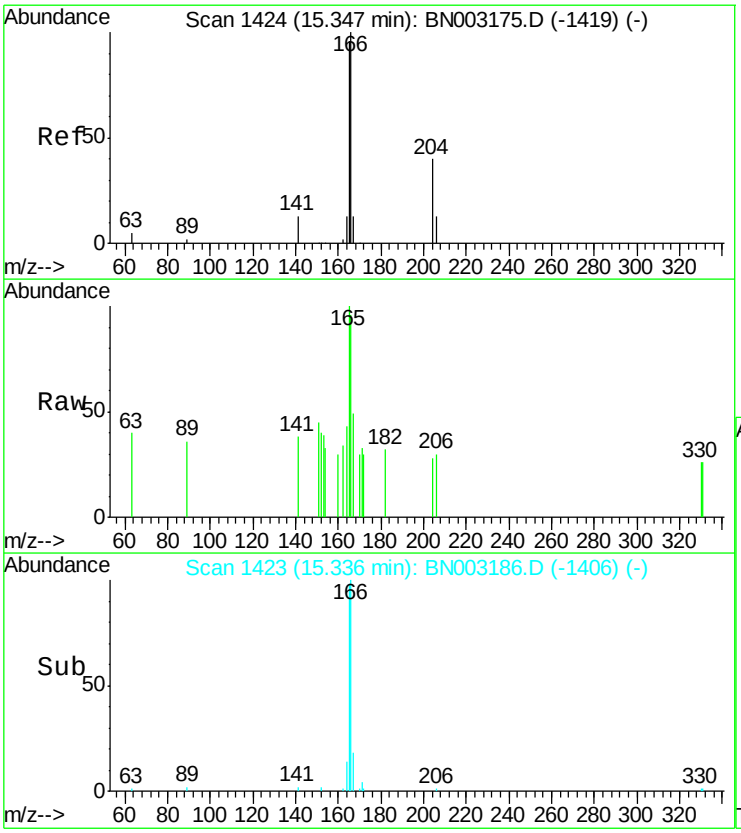
#17
Acenaphthene
Concen: 0.077 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:154 Resp: 830

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	52.4	43.8	65.6

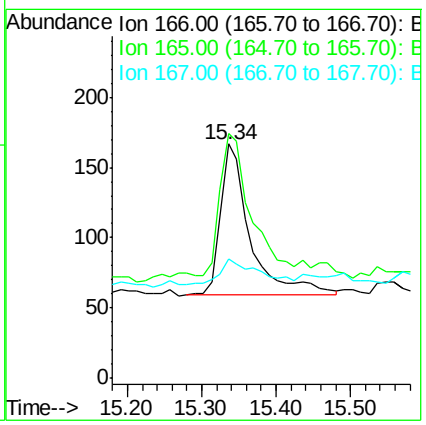


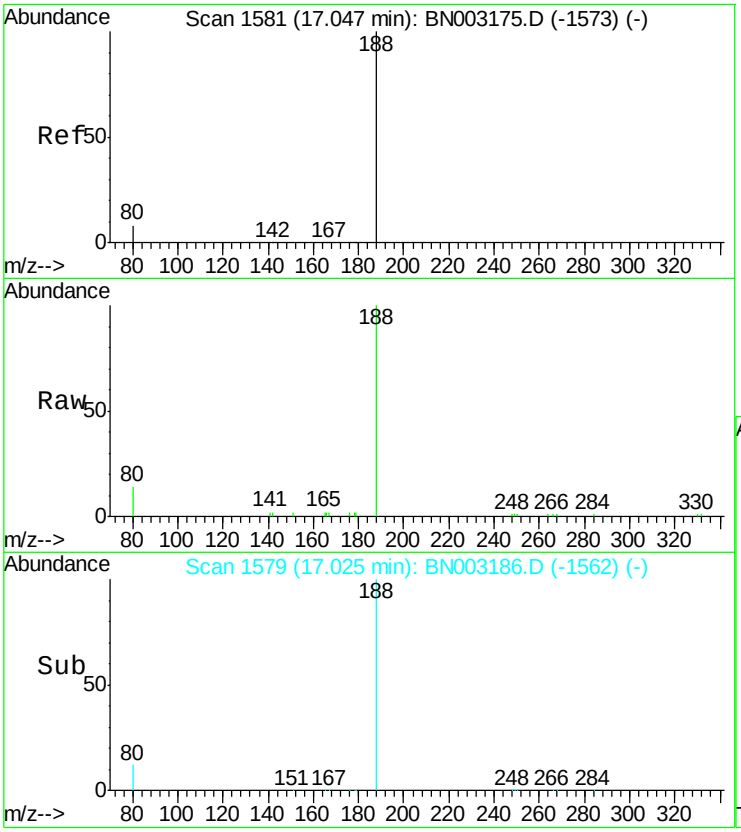


#18
Fluorene
Concen: 0.021 ng
RT: 15.34 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:166 Resp: 297

Ion	Ratio	Lower	Upper
166	100		
165	118.9	78.2	117.2#
167	22.9	10.7	16.1#



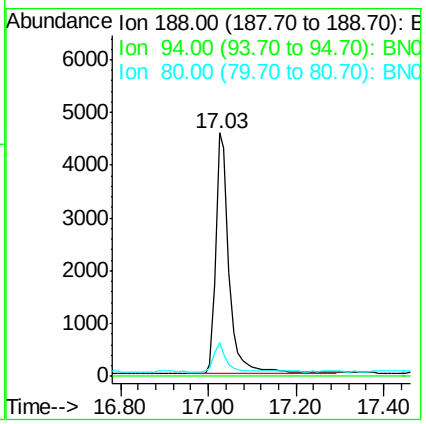


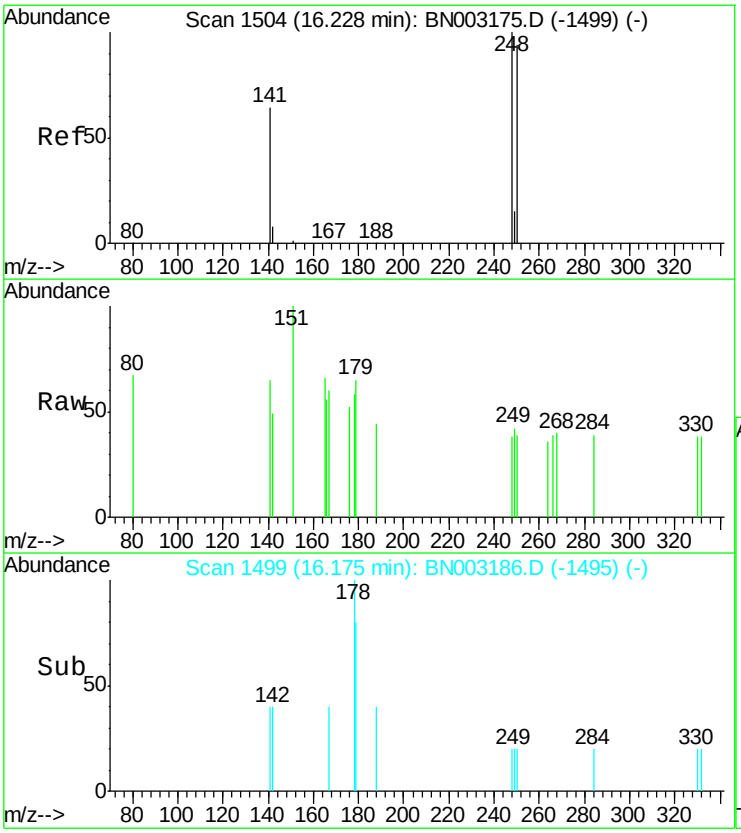
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:188 Resp: 9548

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	6.7	10.1#

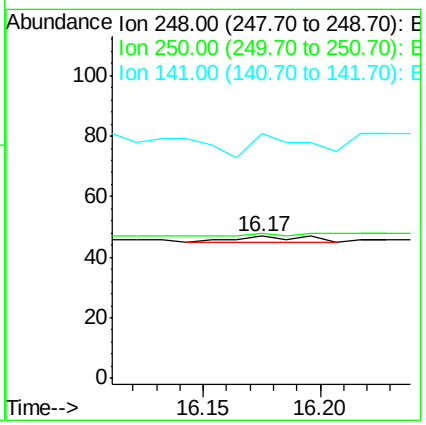


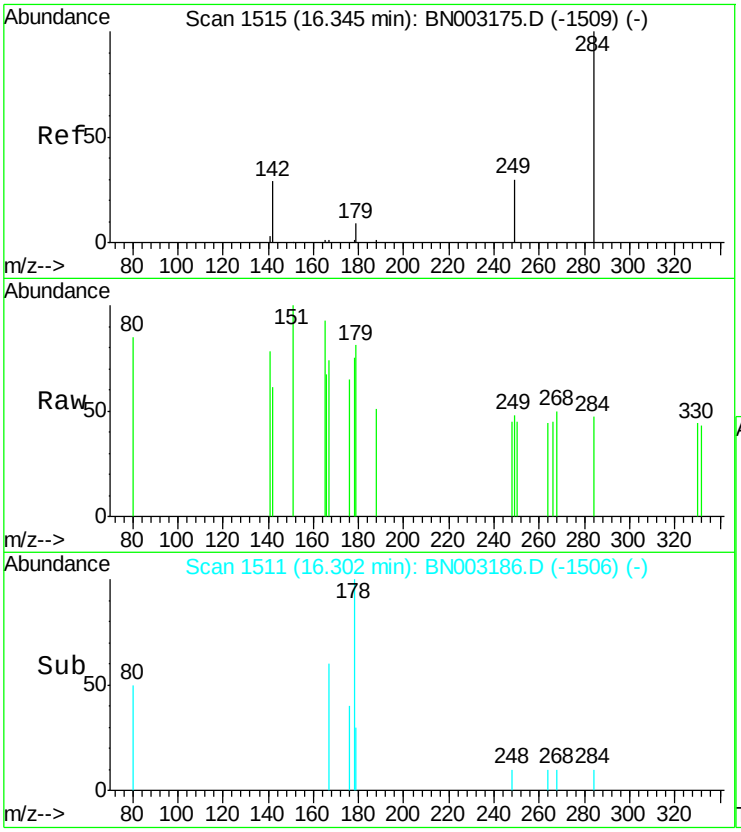


#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.17 min Scan# 1499
Delta R.T. -0.05 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:248 Resp: 4

Ion	Ratio	Lower	Upper
248	100		
250	102.1	78.9	118.3
141	172.3	48.5	72.7#



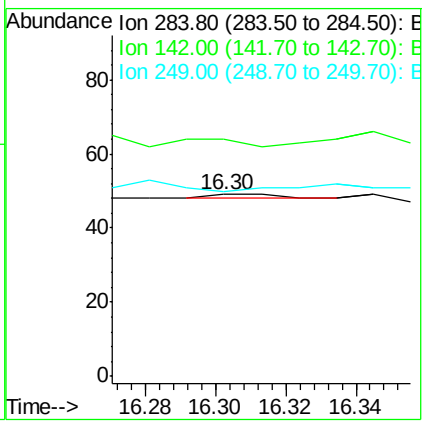


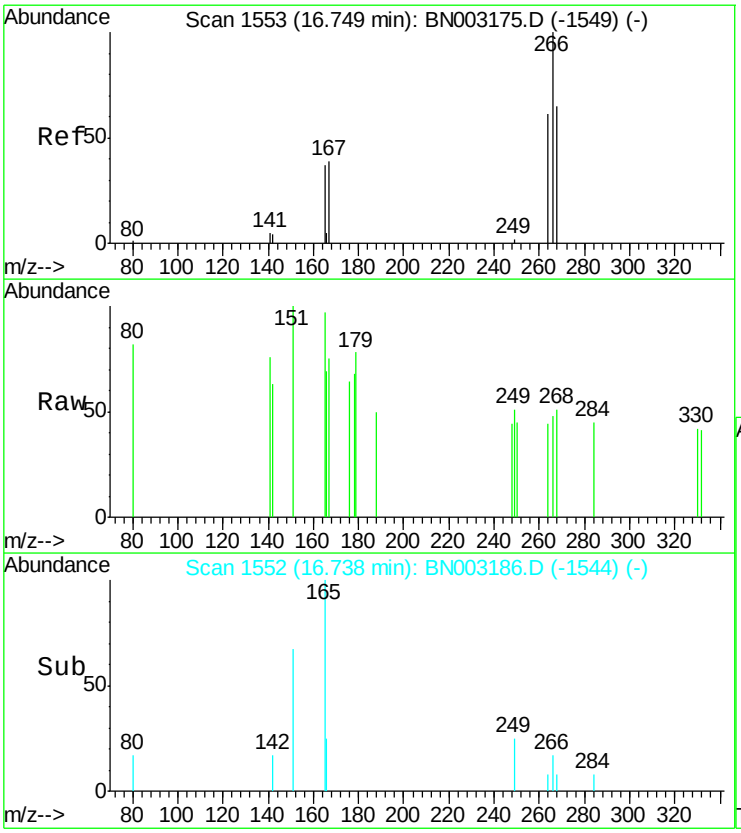
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.30 min Scan# 1511
Delta R.T. -0.04 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:284 Resp: 1

Ion	Ratio	Lower	Upper
284	100		
142	0.0	24.6	37.0#
249	0.0	22.3	33.5#

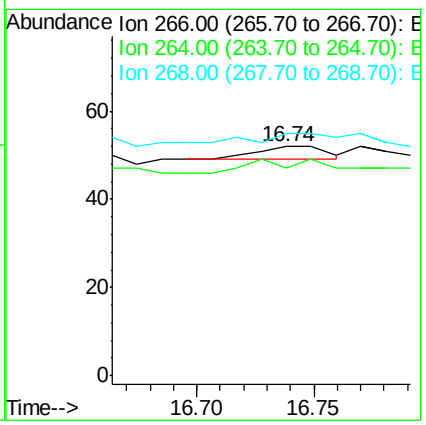


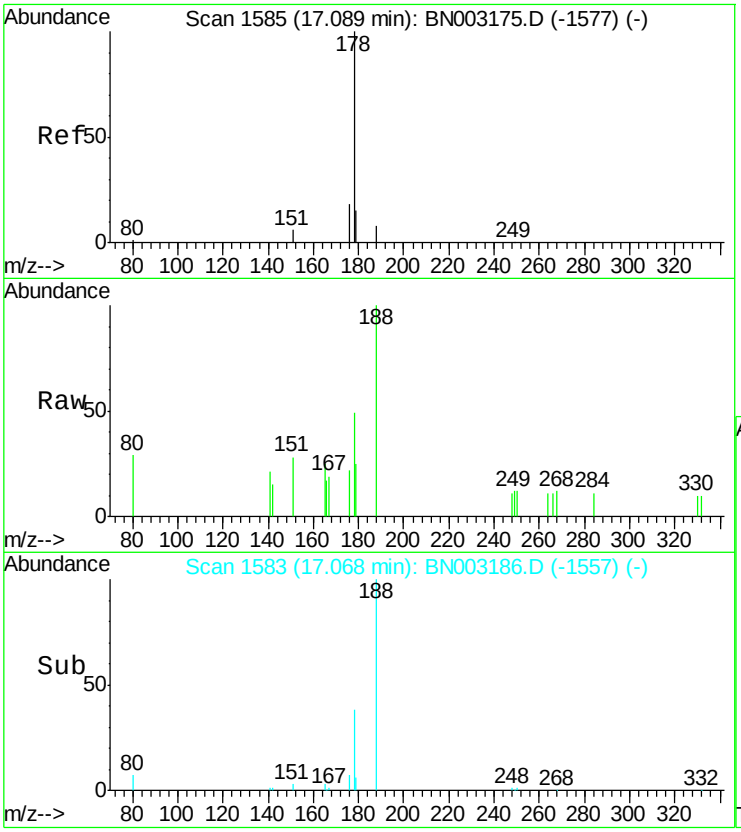


#22
Pentachlorophenol
Concen: 0.087 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:266 Resp: 6

Ion	Ratio	Lower	Upper
266	100		
264	90.4	55.0	82.4#
268	105.8	60.6	91.0#



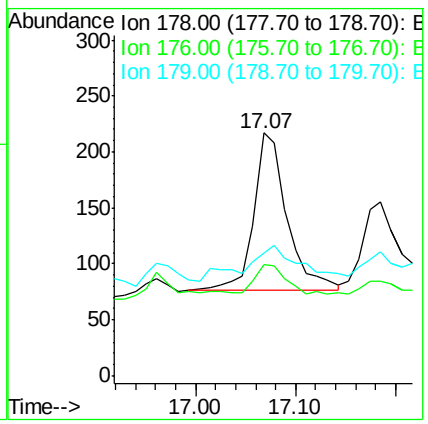


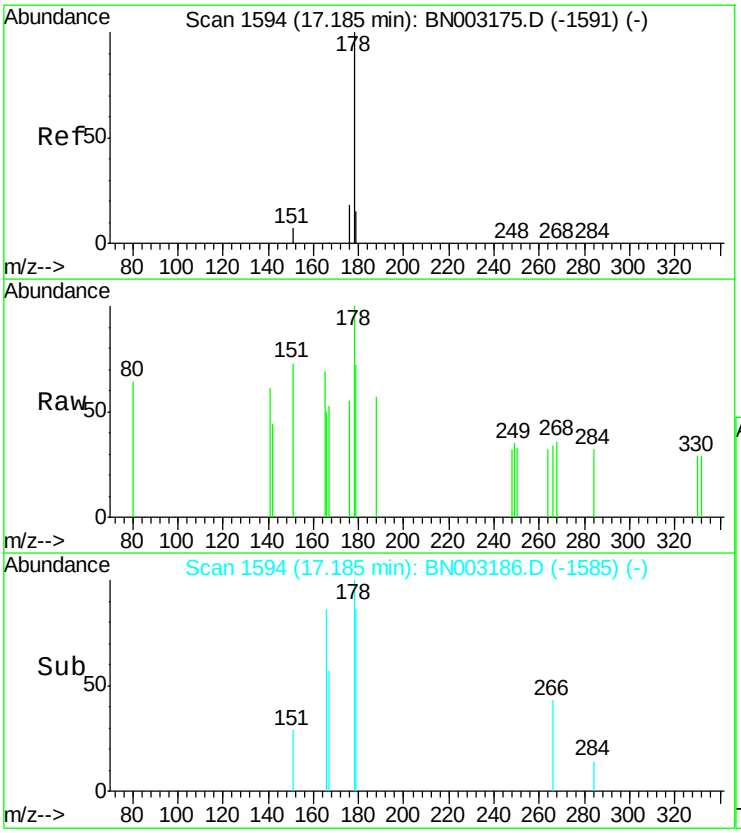
#23
Phenanthrene
Concen: 0.013 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:178 Resp: 323

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	21.4	12.3	18.5#

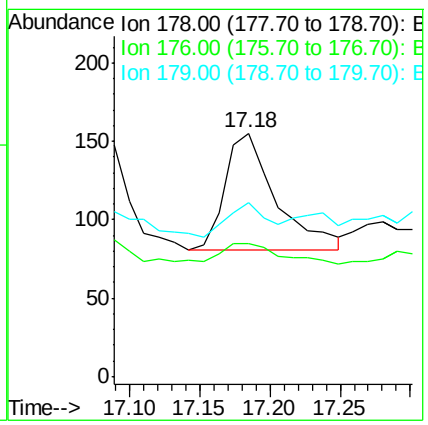


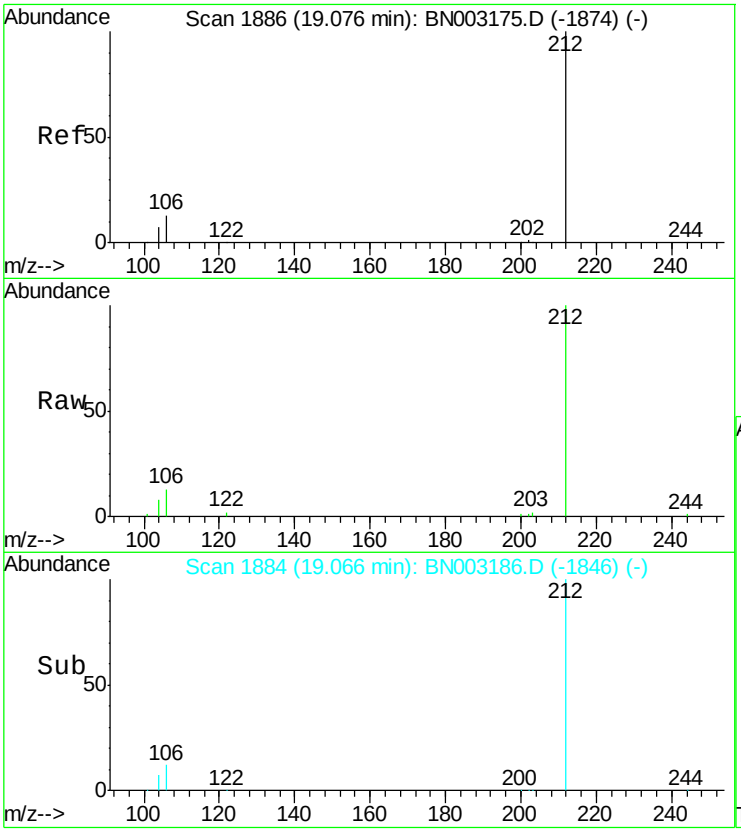


#24
Anthracene
Concen: 0.008 ng
RT: 17.18 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:178 Resp: 187

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	22.0
179	21.9	12.3	18.5#



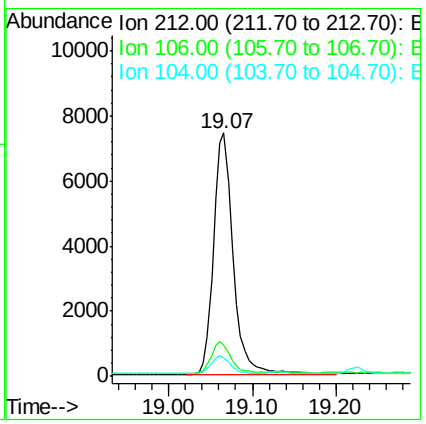


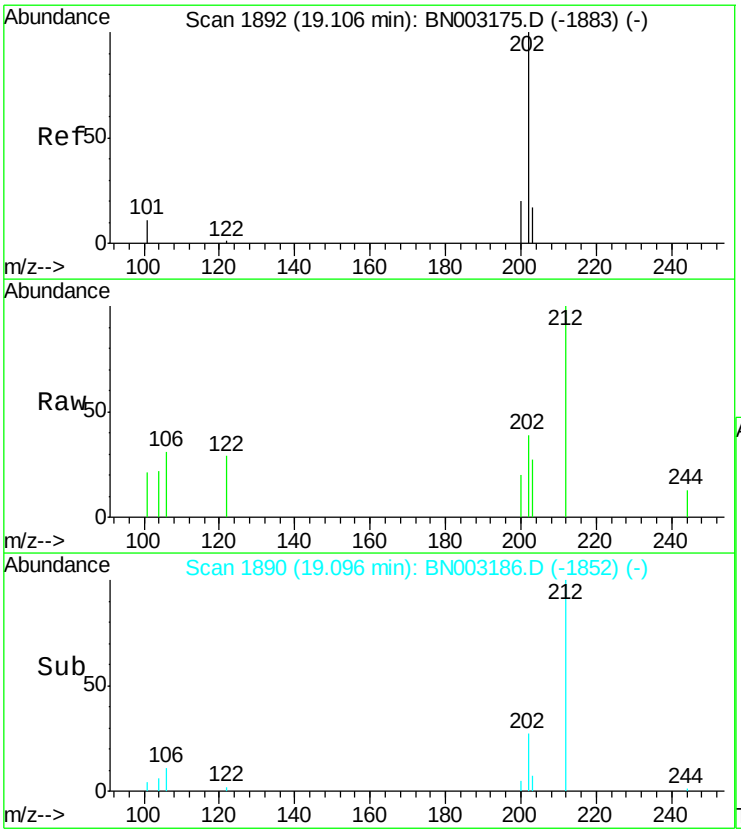
#25
Fluoranthene-d10
Concen: 0.405 ng
RT: 19.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:212 Resp: 11988

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.2	15.4
104	7.1	5.8	8.6

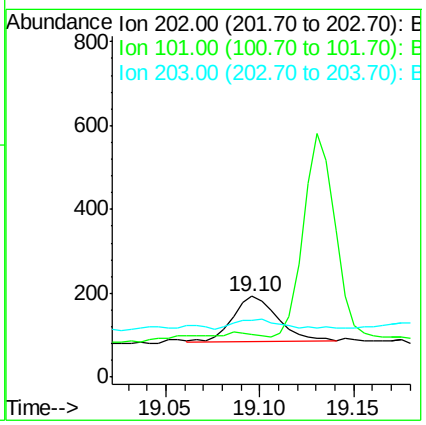


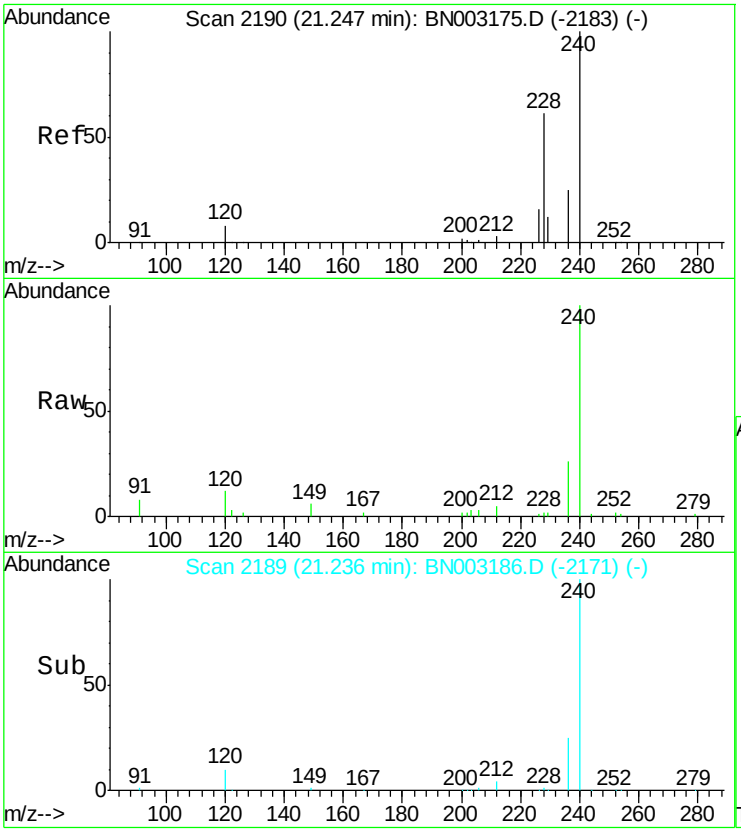


#26
Fluoranthene
Concen: 0.005 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:202 Resp: 176

Ion	Ratio	Lower	Upper
202	100		
101	0.0	8.6	12.8#
203	23.9	13.7	20.5#



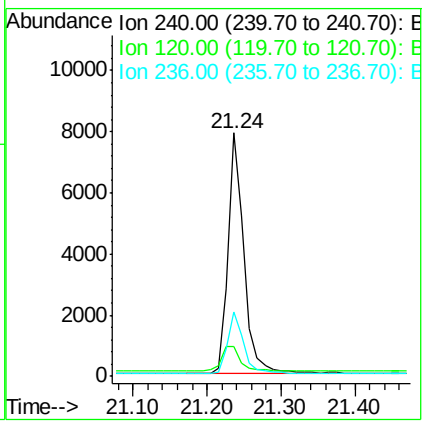


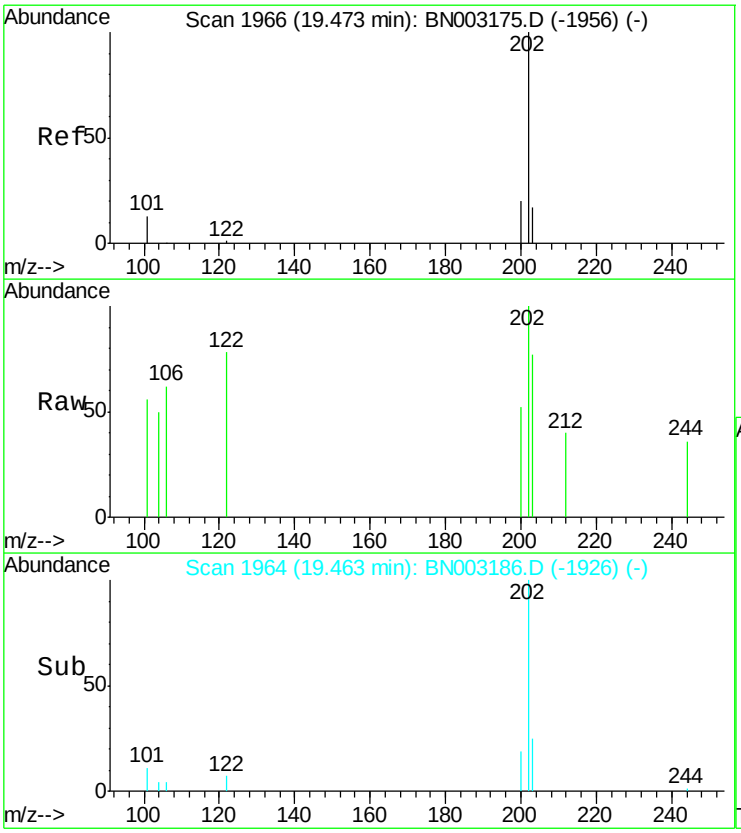
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:240 Resp: 11957

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.8	11.8#
236	26.4	21.0	31.4

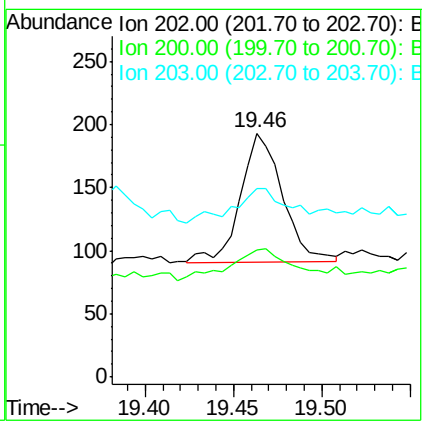


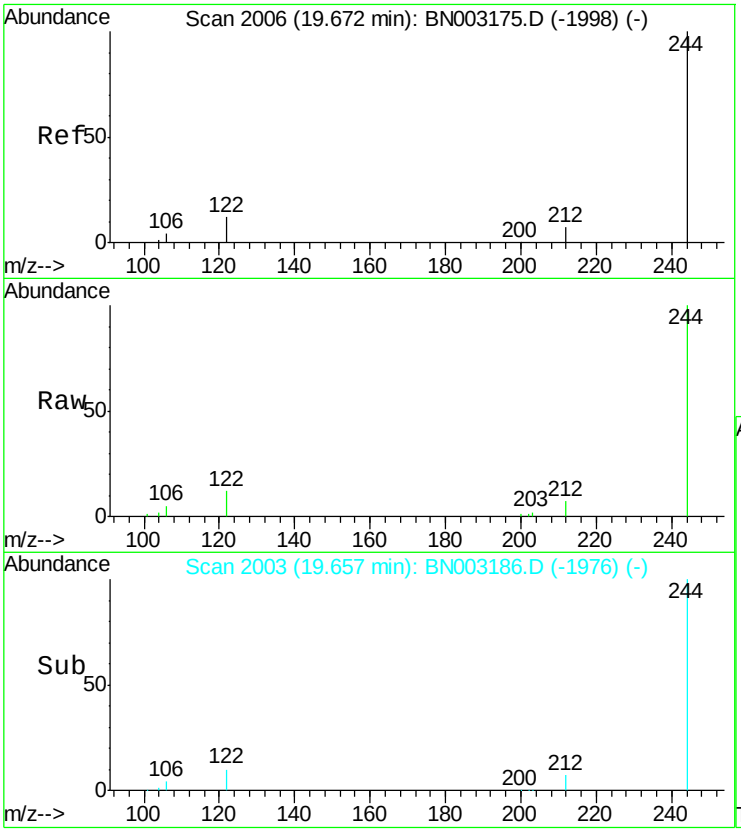


#28
Pyrene
Concen: 0.005 ng
RT: 19.46 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:202 Resp: 172

Ion	Ratio	Lower	Upper
202	100		
200	36.0	16.3	24.5#
203	34.3	14.2	21.2#



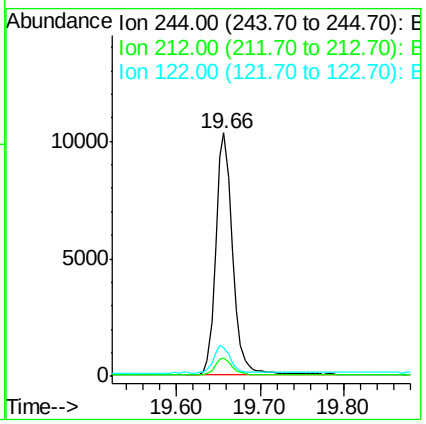


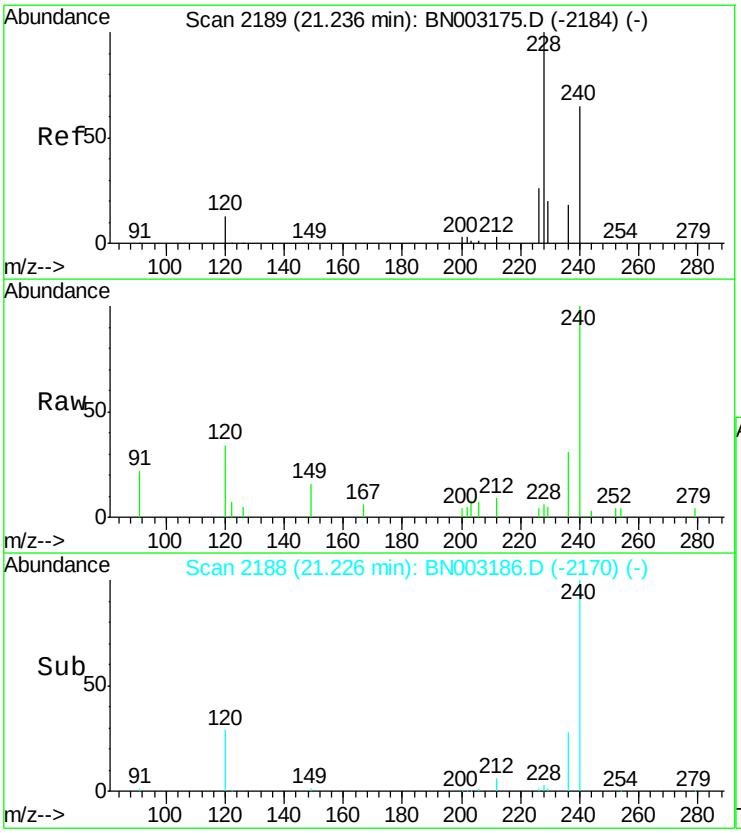
#29
Terphenyl-d14
Concen: 0.552 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:244 Resp: 14303

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.4
122	11.8	9.1	13.7

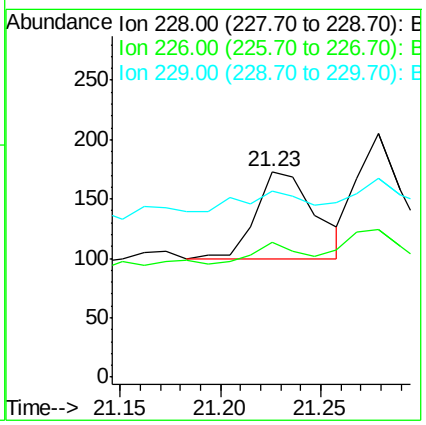


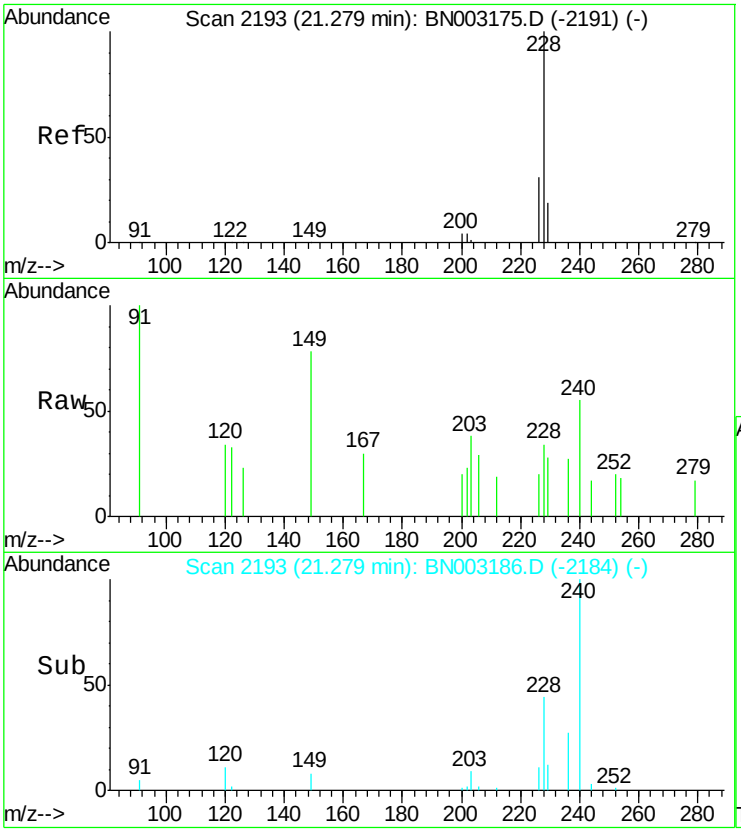


#30
Benzo(a)anthracene
Concen: 0.005 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:228 Resp: 151

Ion	Ratio	Lower	Upper
228	100		
226	65.9	21.4	32.2#
229	90.8	16.4	24.6#



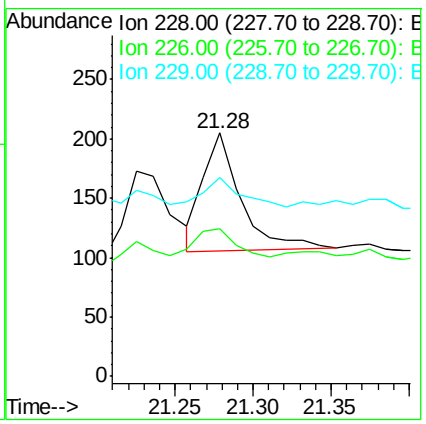


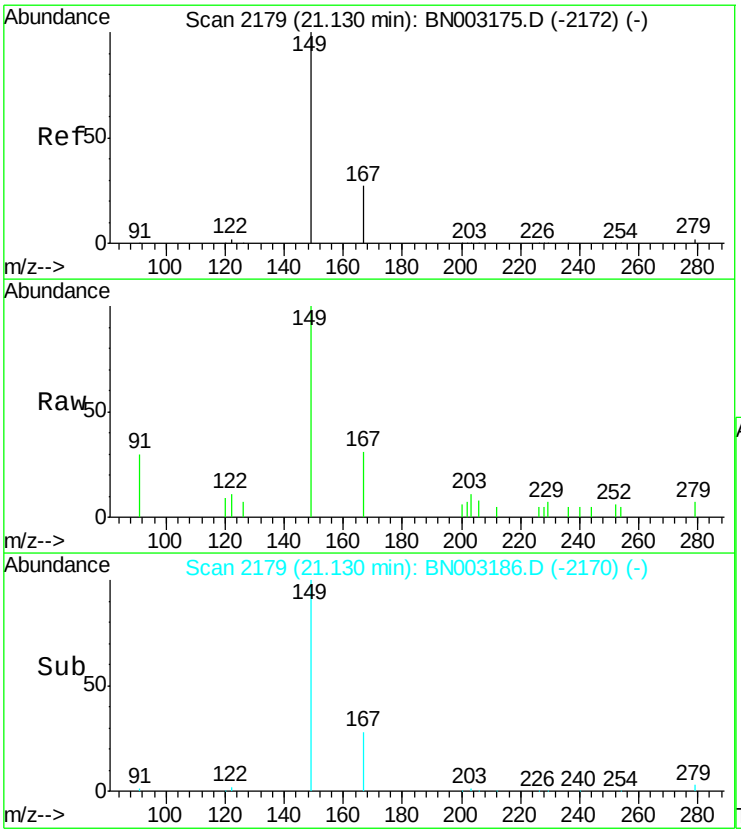
#31
Chrysene
Concen: 0.005 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:228 Resp: 169

Ion	Ratio	Lower	Upper
228	100		
226	60.5	23.1	34.7#
229	81.5	15.9	23.9#

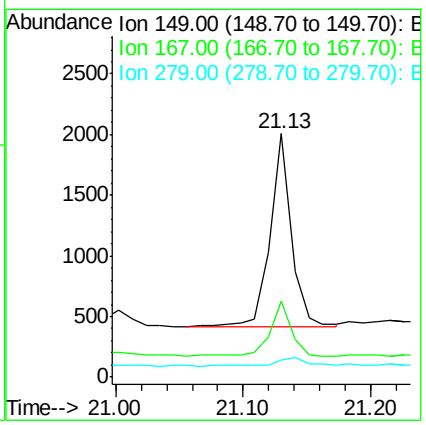


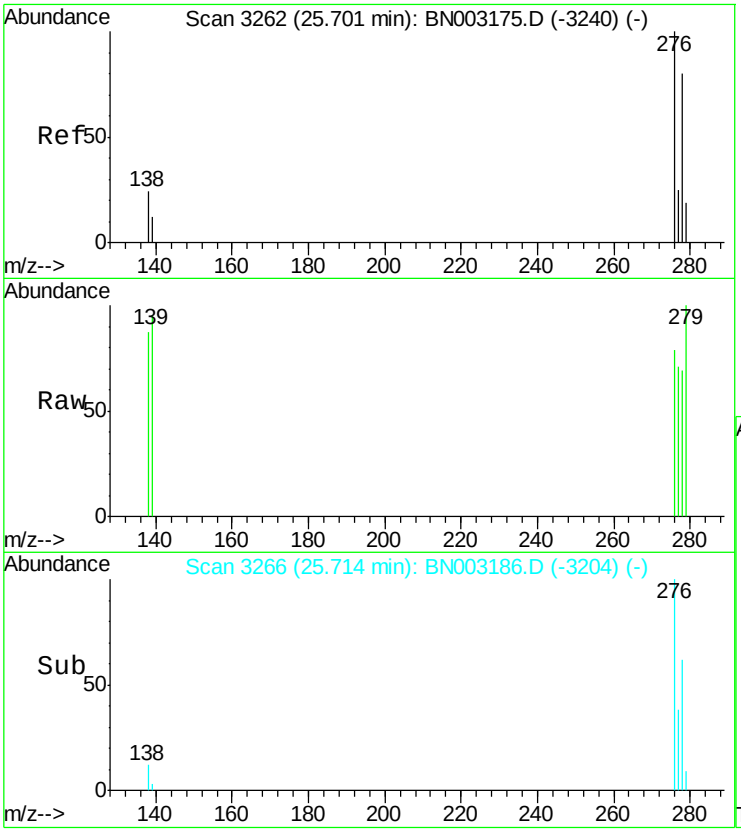


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:149 Resp: 1856

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.2	33.4
279	6.7	3.7	5.5#



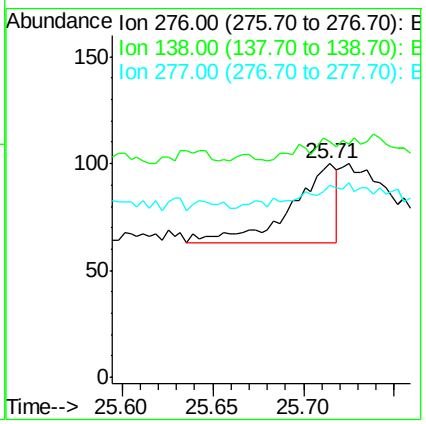


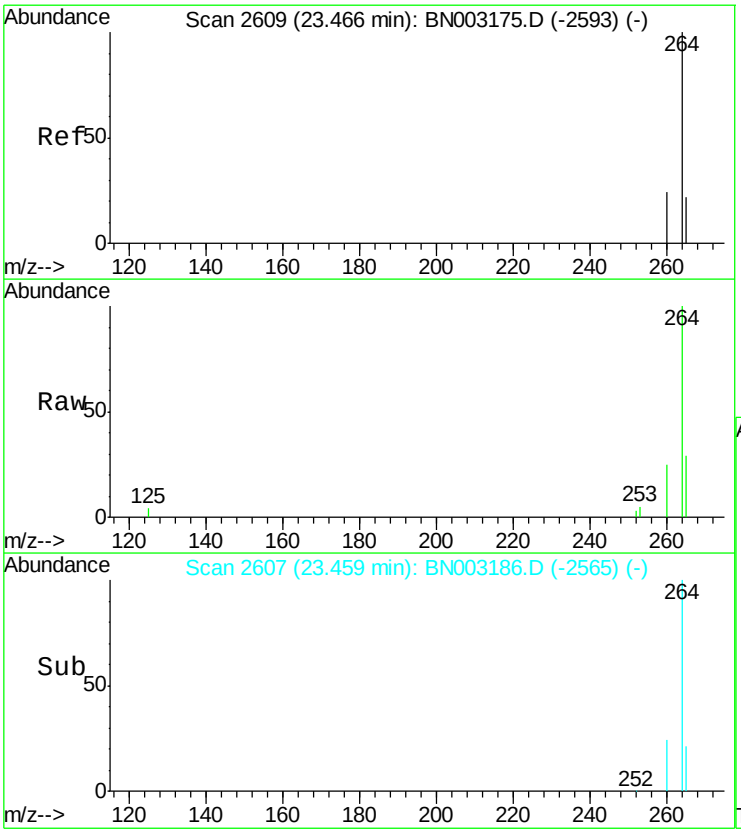
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 25.71 min Scan# 3266
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:276 Resp: 65

Ion	Ratio	Lower	Upper
276	100		
138	7.7	18.2	27.4#
277	21.5	20.2	30.4

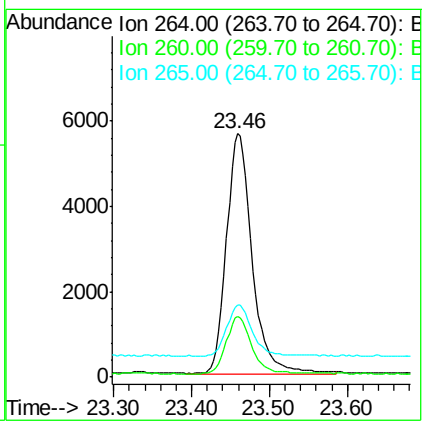


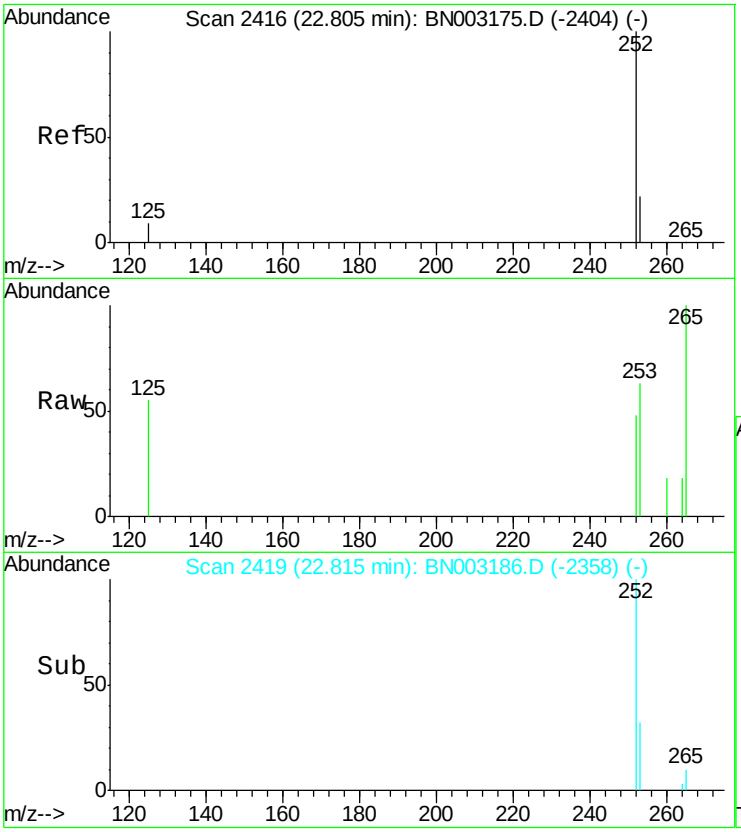


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:264 Resp: 12879

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	29.5	27.6	41.4



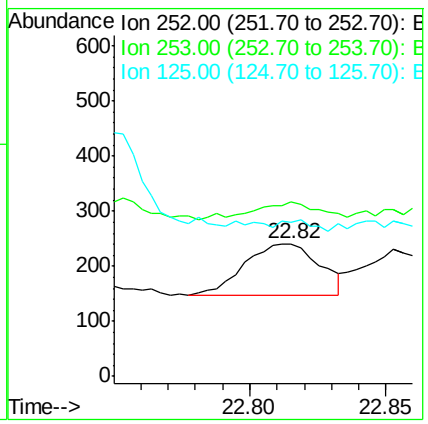


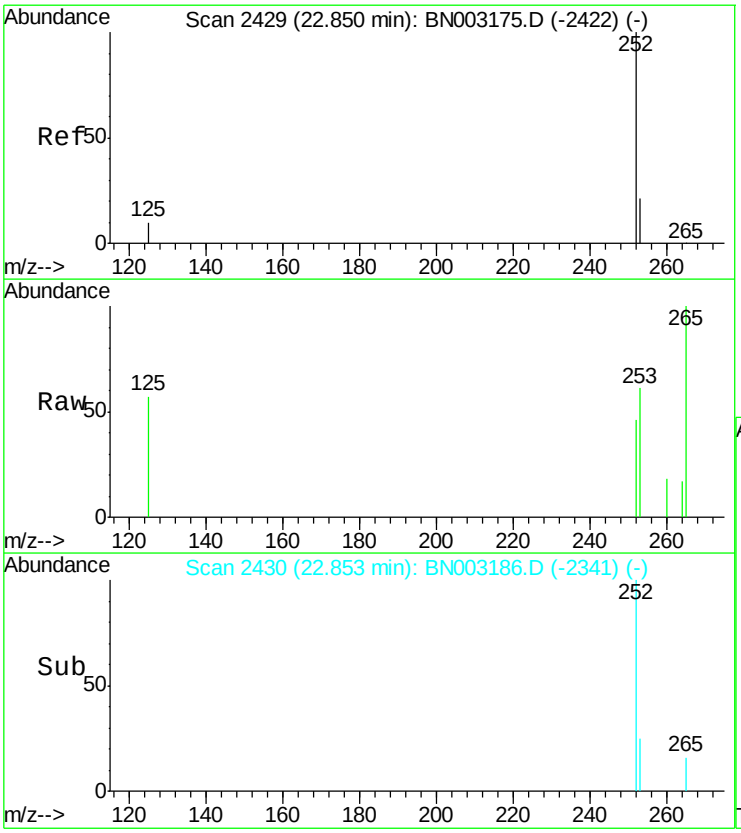
#35
Benzo(b)fluoranthene
Concen: 0.005 ng
RT: 22.82 min Scan# 2419
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:252 Resp: 181

Ion	Ratio	Lower	Upper
252	100		
253	131.1	20.8	31.2#
125	115.8	9.6	14.4#

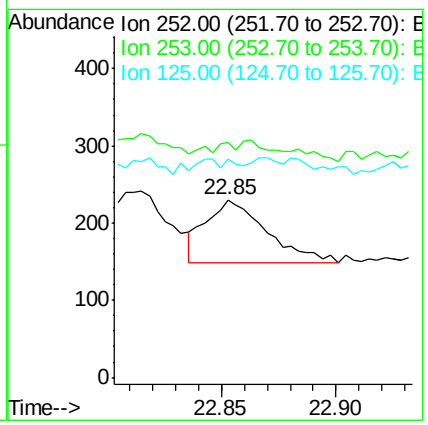


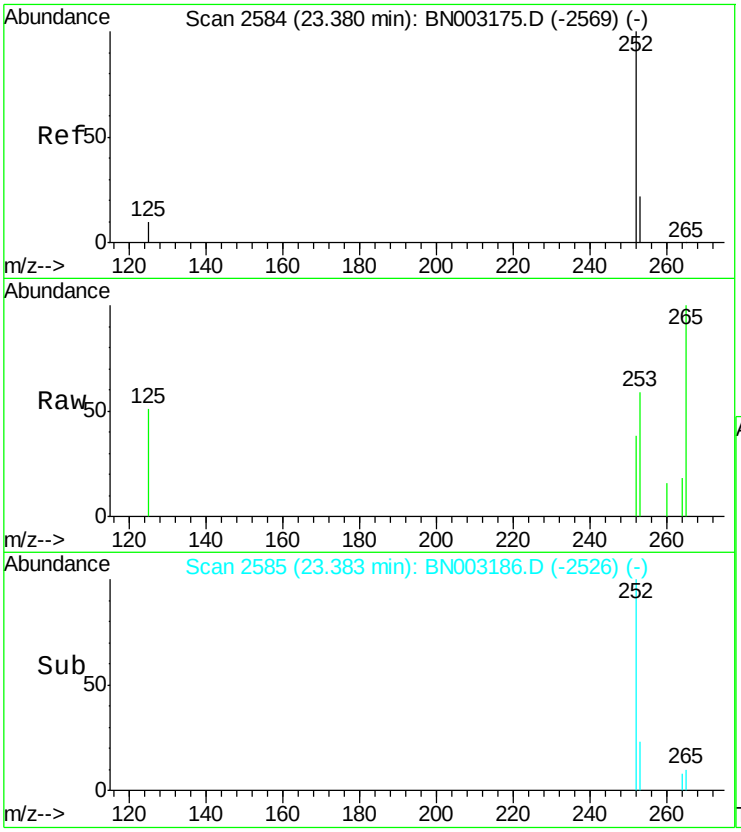


#36
Benzo(k)fluoranthene
Concen: 0.004 ng
RT: 22.85 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:252 Resp: 149

Ion	Ratio	Lower	Upper
252	100		
253	132.2	20.5	30.7#
125	123.0	9.4	14.0#



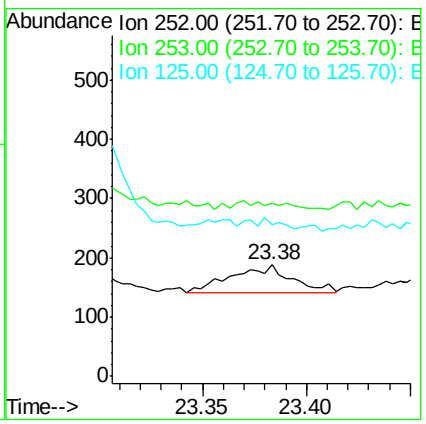


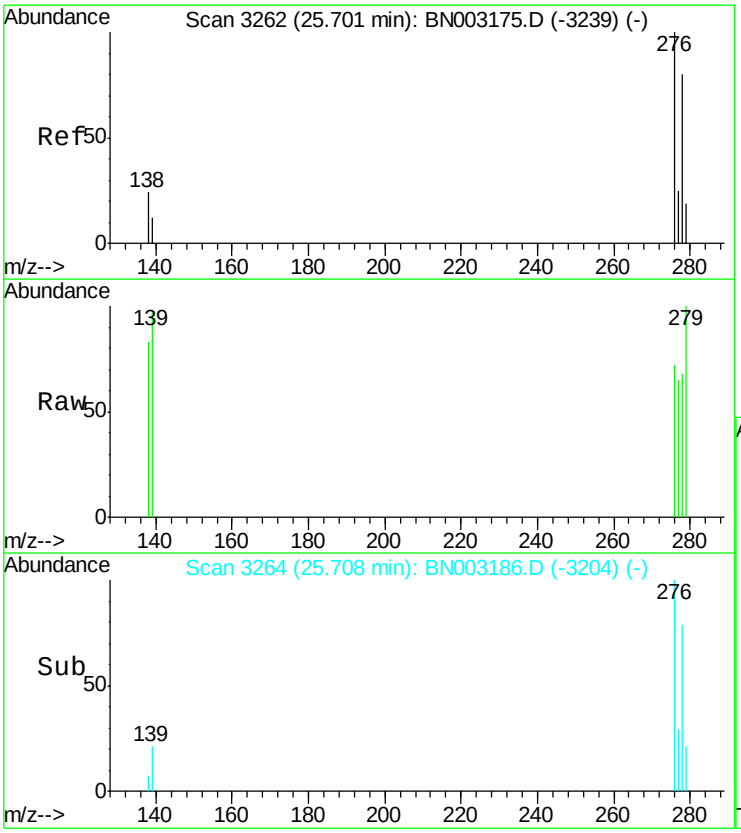
#37
Benzo(a)pyrene
Concen: 0.003 ng
RT: 23.38 min Scan# 2585
Delta R.T. 0.00 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:252 Resp: 93

Ion	Ratio	Lower	Upper
252	100		
253	155.3	22.4	33.6#
125	135.6	11.4	17.0#

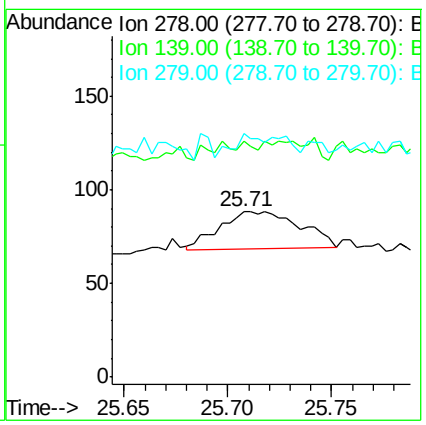


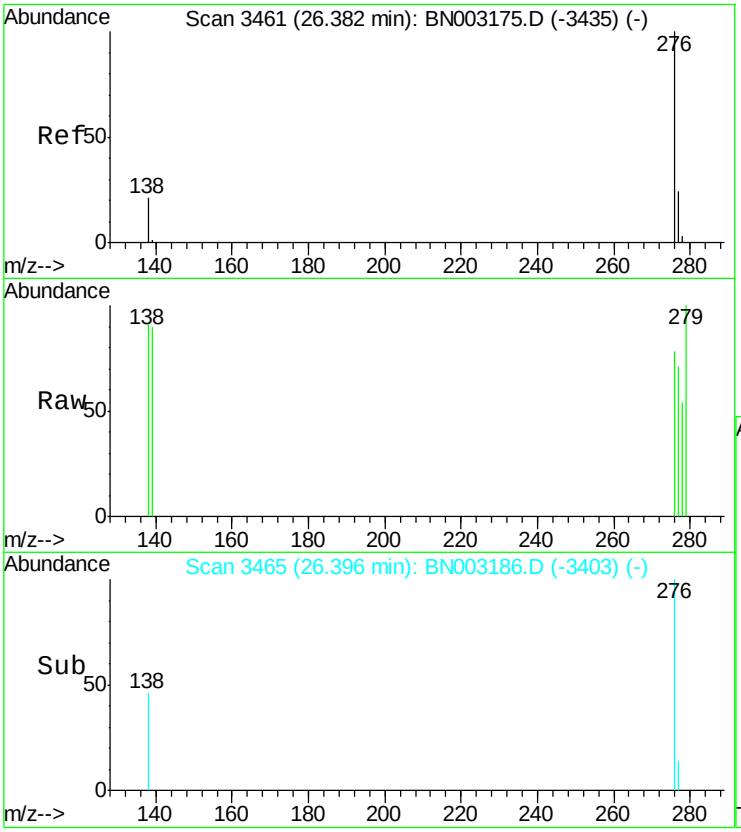


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 25.71 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Tgt Ion:278 Resp: 53

Ion	Ratio	Lower	Upper
278	100		
139	143.2	14.6	21.8#
279	147.7	23.1	34.7#





#39
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 26.40 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BN003186.D
Acq: 17 Oct 2018 18:53

Instrument :
BNA_N
ClientSampleId :
TW-2

Tgt Ion:276 Resp: 101

Ion	Ratio	Lower	Upper
276	100		
277	90.4	21.0	31.4#
138	116.0	18.1	27.1#