Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003174.D
Acq On : 17 Oct 2018 10:09
Operator : MJ/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 17 11:31:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 11:27:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	837	0.40	ng		0.02
7) Naphthalene-d8	10.47	136	3844	0.40	ng		0.04
13) Acenaphthene-d10	14.29	164	2734	0.40	ng		0.01
19) Phenanthrene-d10	17.06	188	7195	0.40	ng		0.01
27) Chrysene-d12	21.25	240	9209	0.40	ng		0.00
34) Perylene-d12	23.47	264	10065	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	352	0.17	ng		0.02
5) Phenol-d6	7.02	99	185	0.07	ng		0.09
8) Nitrobenzene-d5	8.97	82	373	0.16	ng		0.10
11) 2-Methylnaphthalene-d10	12.09	152	1312	0.23	ng		0.05
14) 2,4,6-Tribromophenol	15.85	330	359	0.25	ng		0.02
15) 2-Fluorobiphenyl	12.96	172	2310	0.23	ng		0.03
25) Fluoranthene-d10	19.09	212	4633	0.25	ng		0.00
29) Terphenyl-d14	19.68	244	4219	0.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	301	0.323	ng		96
3) n-Nitrosodimethylamine	3.60	42	15	0.032	ng	#	1
6) bis(2-Chloroethyl)ether	7.16	93	355	0.153	ng		99
9) Naphthalene	10.52	128	1989	0.227	ng	#	80
10) Hexachlorobutadiene	10.72	225	398	0.230	ng	#	97
12) 2-Methylnaphthalene	12.18	142	1309	0.218	ng		93
16) Acenaphthylene	14.02	152	2447	0.216	ng		100
17) Acenaphthene	14.35	154	1697	0.224	ng		99
18) Fluorene	15.37	166	2212	0.233	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	740	0.189	ng		99
21) Hexachlorobenzene	16.36	284	916	0.217	ng		97
22) Pentachlorophenol	16.77	266	136	0.154	ng		88
23) Phenanthrene	17.10	178	3750	0.211	ng		99
24) Anthracene	17.21	178	3412	0.217	ng		98
26) Fluoranthene	19.12	202	4980	0.247	ng		99
28) Pyrene	19.48	202	5294	0.196	ng		100
30) Benzo(a)anthracene	21.24	228	5181	0.241	ng		98
31) Chrysene	21.29	228	5849	0.218	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	3424	0.237	ng		97
33) Indeno(1,2,3-cd)pyrene	25.72	276	7078	0.310	ng		98
35) Benzo(b)fluoranthene	22.81	252	5536	0.197	ng	#	95
36) Benzo(k)fluoranthene	22.86	252	6634	0.216	ng	#	93
37) Benzo(a)pyrene	23.39	252	5815	0.223	ng	#	92
38) Dibenzo(a,h)anthracene	25.72	278	5919	0.249	ng	#	95
39) Benzo(g,h,i)perylene	26.39	276	6052	0.249	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
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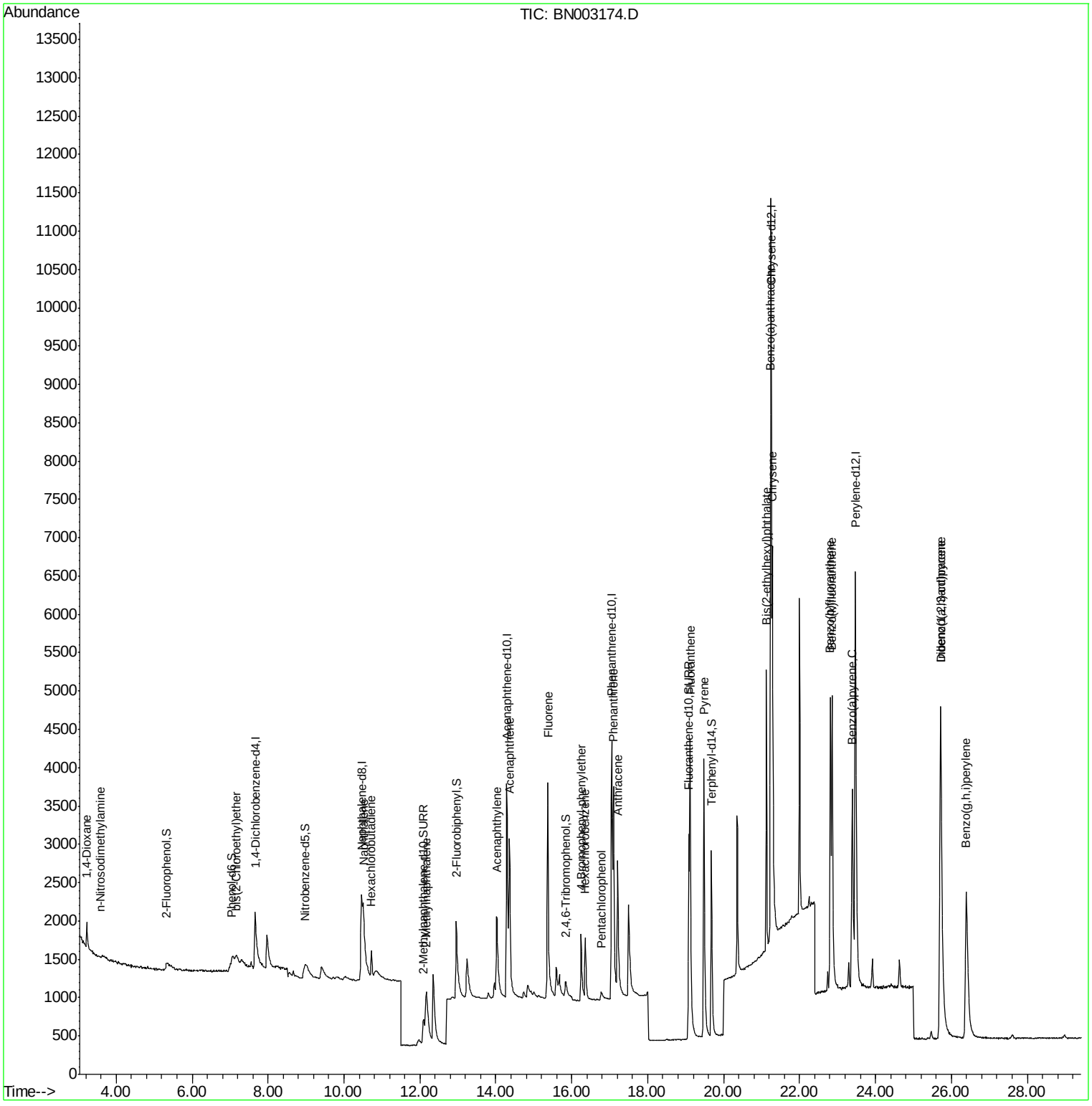
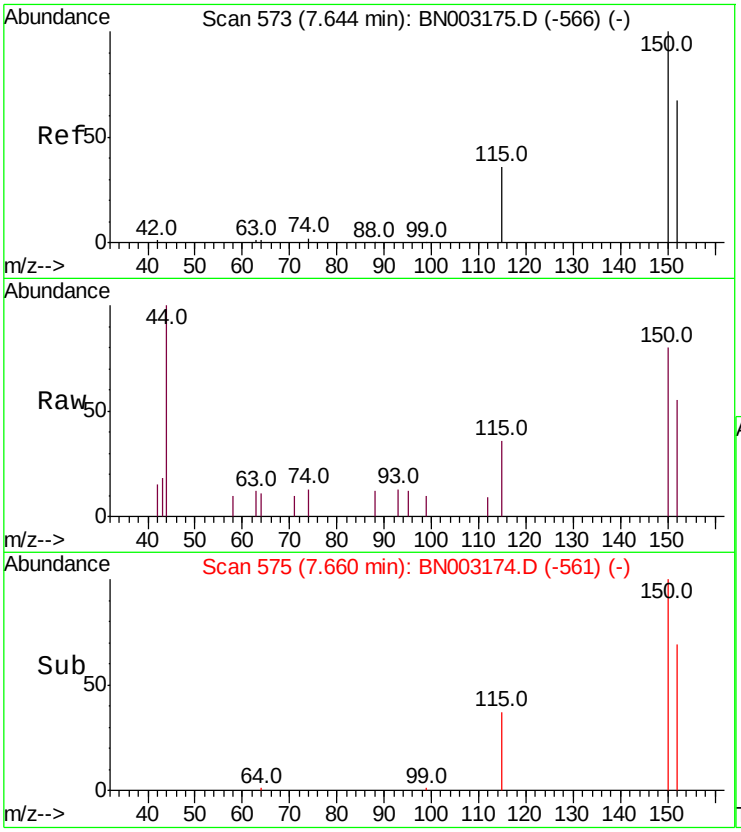
Acq On : 17 Oct 2018 10:09
Operator : MJ/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 17 11:31:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 11:27:49 2018
Response via : Initial Calibration



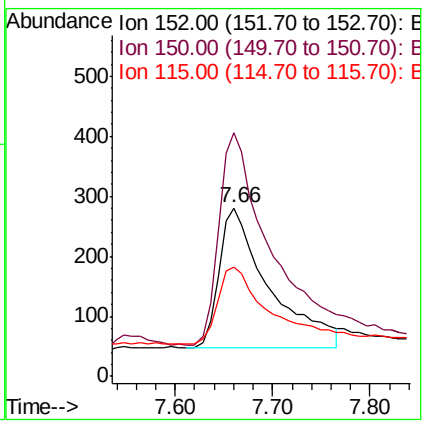


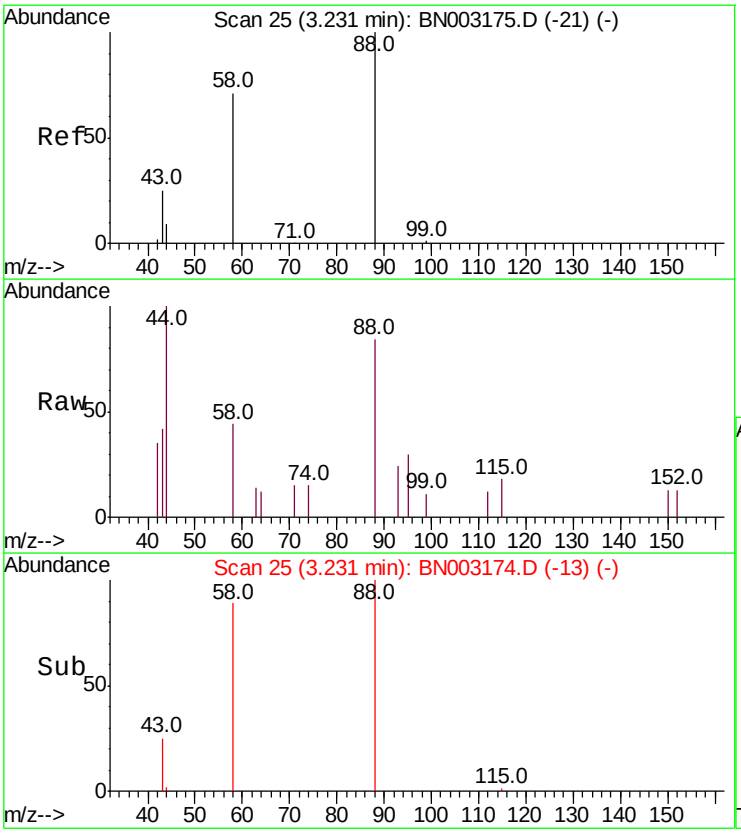
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 837

Ion	Ratio	Lower	Upper
152	100		
150	144.5	126.2	189.4
115	65.1	49.8	74.6

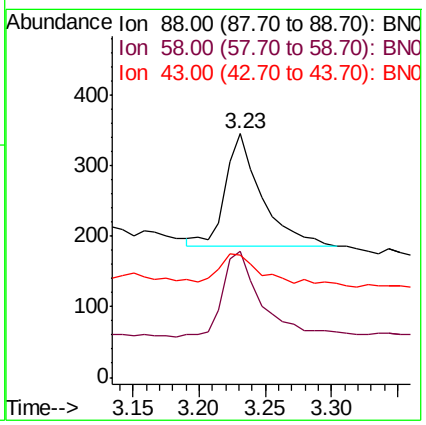


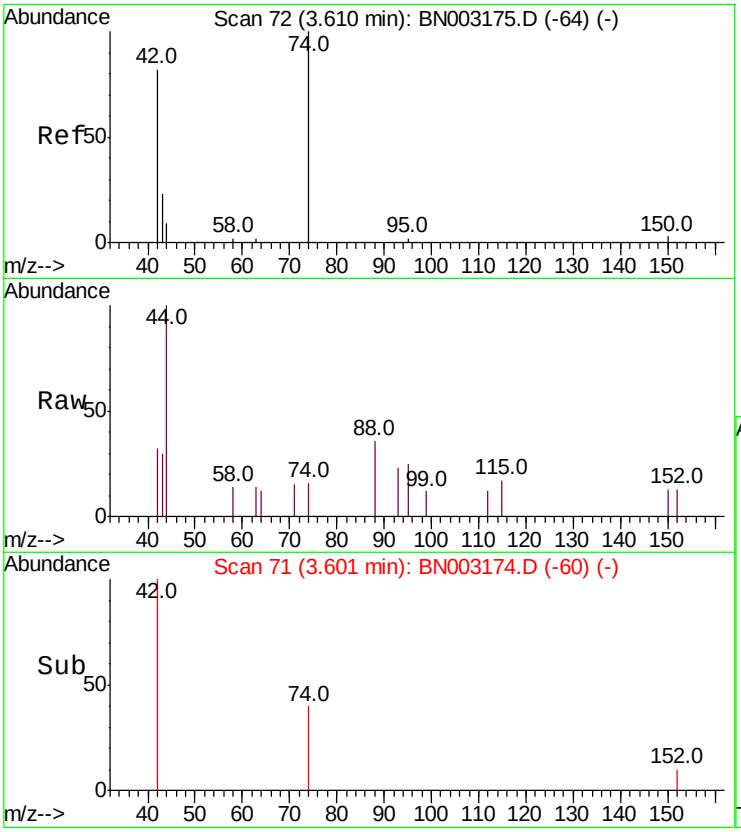


#2
1,4-Dioxane
Concen: 0.323 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
58	80.4	66.7	100.1
43	26.9	24.6	37.0



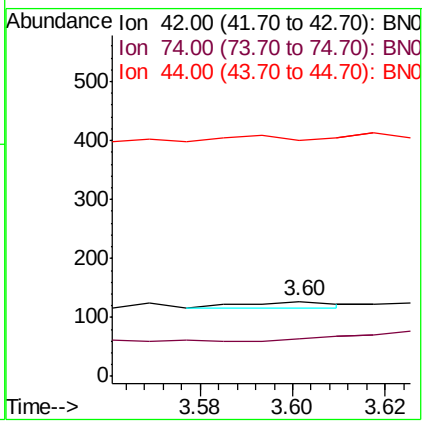


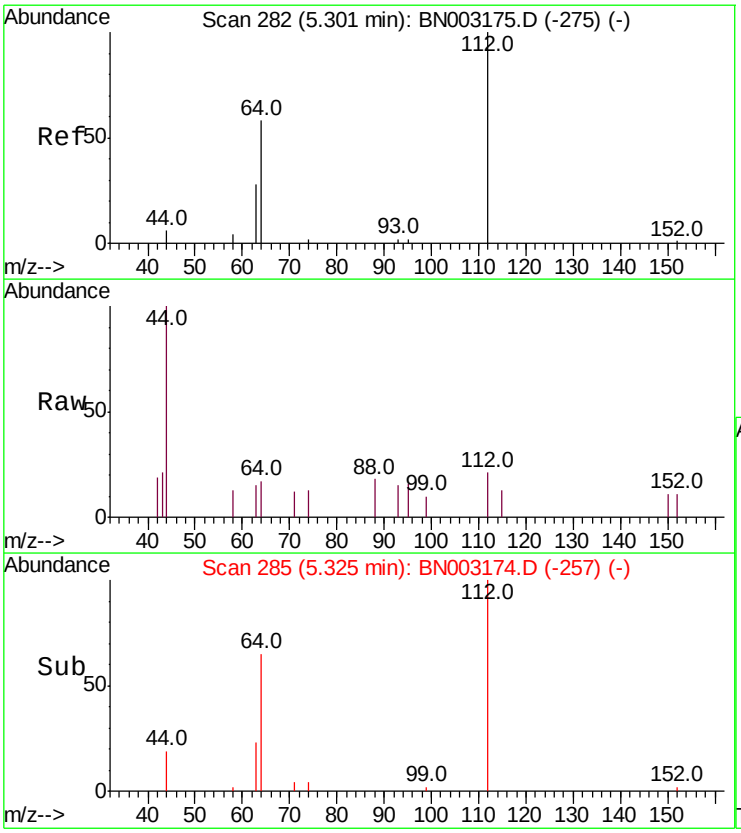
#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.60 min Scan# 71
Delta R.T. -0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 15

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.9	154.3#
44	46.7	0.0	0.0#

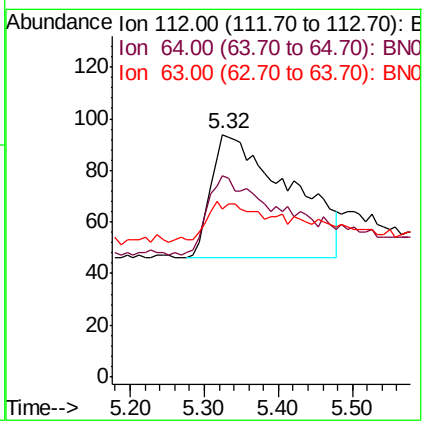


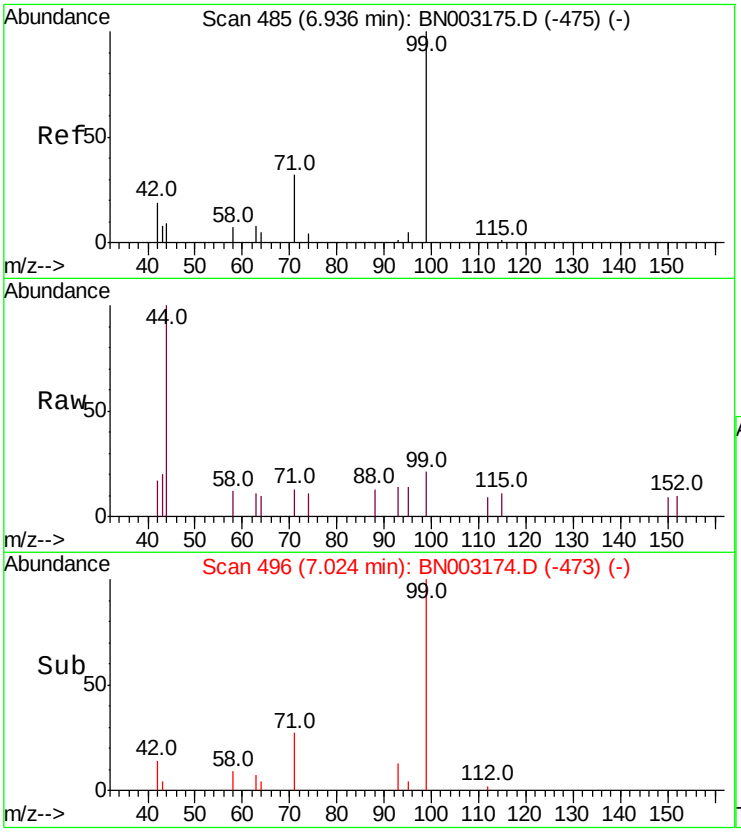


#4
2-Fluorophenol
Concen: 0.172 ng
RT: 5.32 min Scan# 285
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:112 Resp: 352

Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.0	73.4
63	8.0	25.9	38.9#



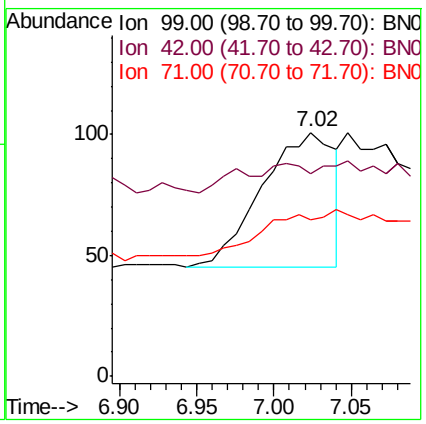


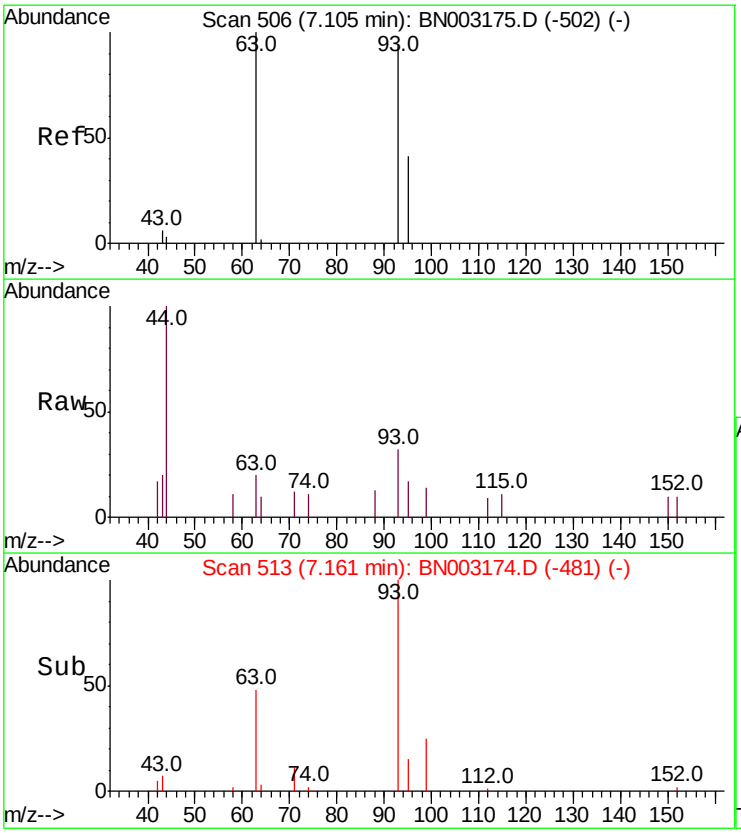
#5
Phenol-d6
Concen: 0.071 ng
RT: 7.02 min Scan# 496
Delta R.T. 0.09 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 185

Ion	Ratio	Lower	Upper
99	100		
42	4.3	15.4	23.2#
71	0.0	26.0	39.0#

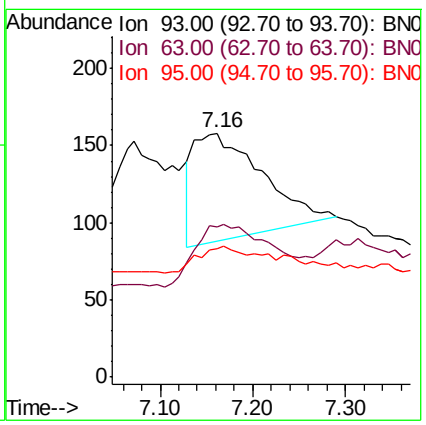


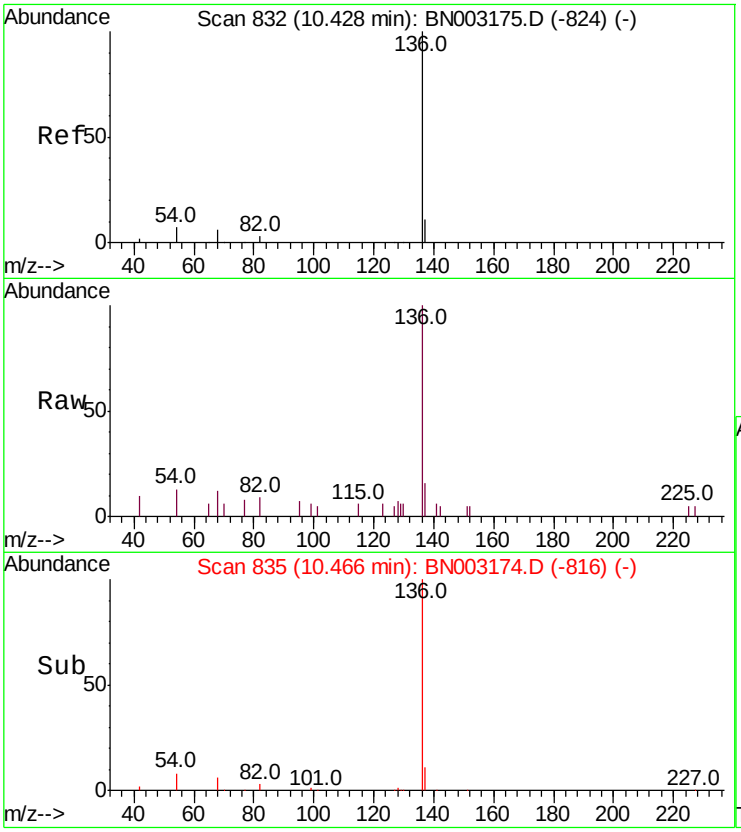


#6
bis(2-Chloroethyl)ether
Concen: 0.153 ng
RT: 7.16 min Scan# 513
Delta R.T. 0.06 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion: 93 Resp: 355

Ion	Ratio	Lower	Upper
93	100		
63	67.0	54.2	81.4
95	30.4	24.9	37.3



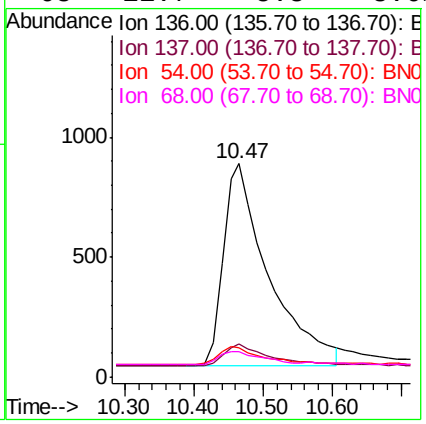


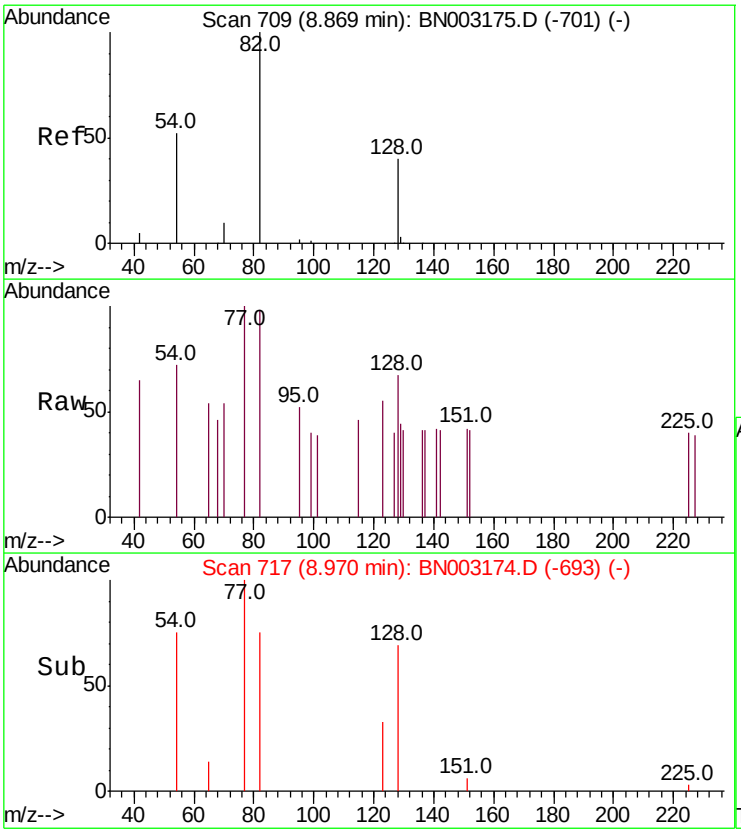
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. 0.04 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 3844

Ion	Ratio	Lower	Upper
136	100		
137	15.8	9.4	14.0#
54	13.5	7.4	11.0#
68	11.7	5.8	8.6#

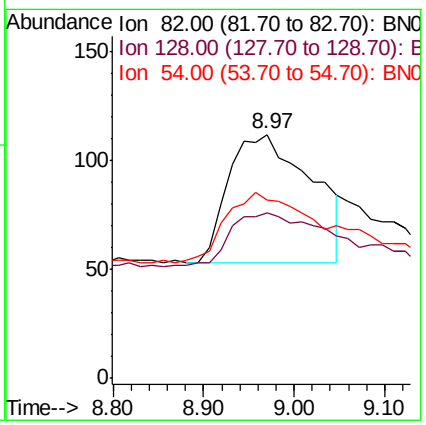


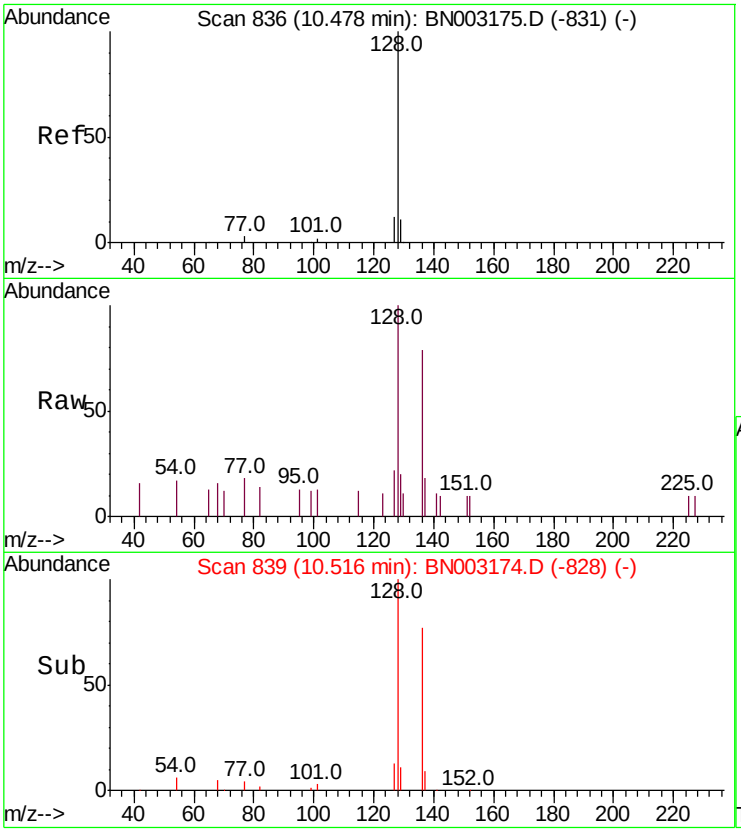


#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.97 min Scan# 717
Delta R.T. 0.10 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion: 82 Resp: 373

Ion	Ratio	Lower	Upper
82	100		
128	67.9	38.2	57.4#
54	73.2	44.1	66.1#



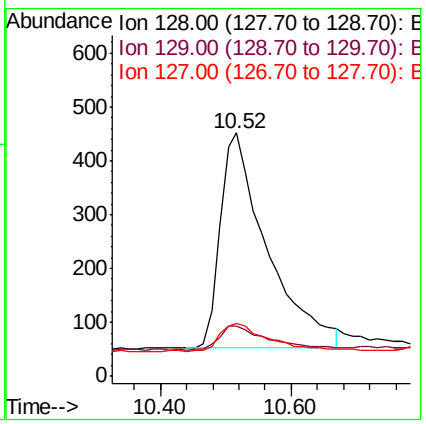


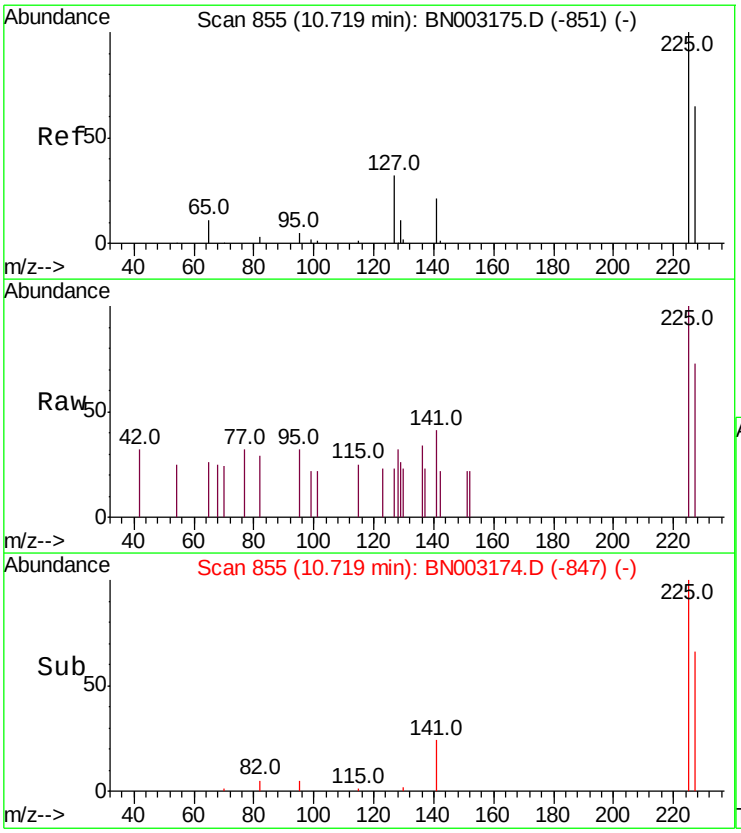
#9
Naphthalene
Concen: 0.227 ng
RT: 10.52 min Scan# 839
Delta R.T. 0.04 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1989

Ion	Ratio	Lower	Upper
128	100		
129	20.4	9.8	14.6#
127	21.9	11.4	17.2#

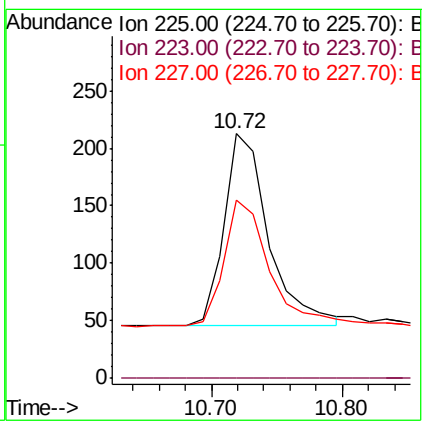


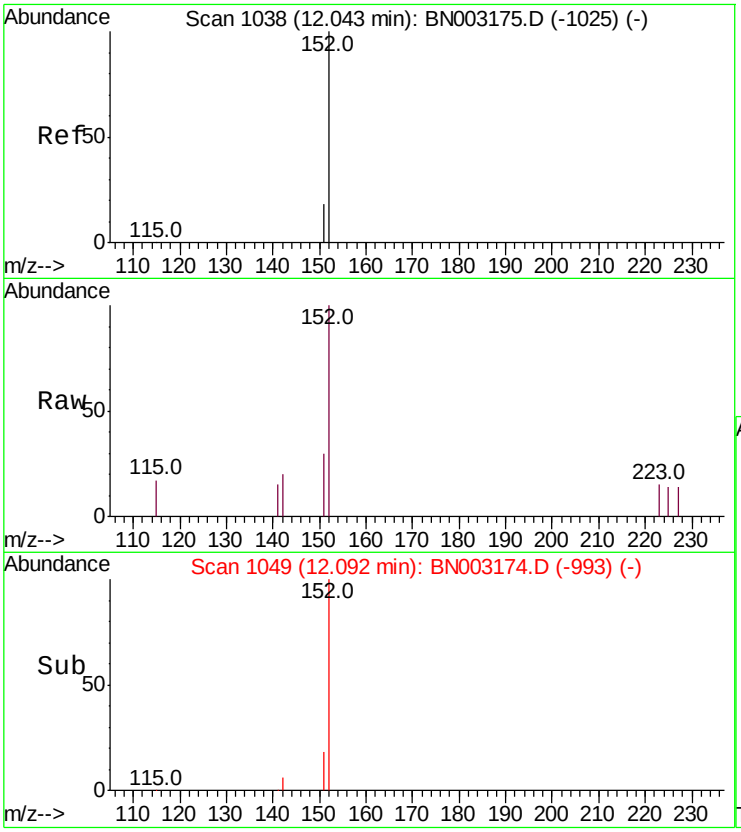


#10
Hexachlorobutadiene
Concen: 0.230 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:225 Resp: 398

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.8	51.8	77.8



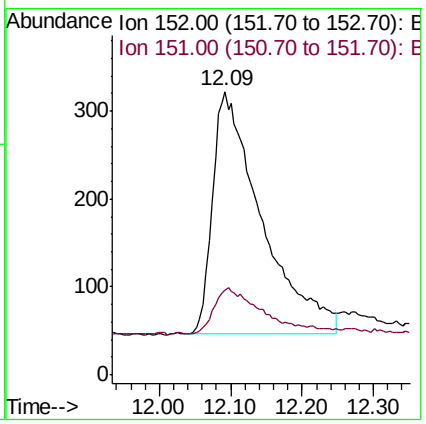


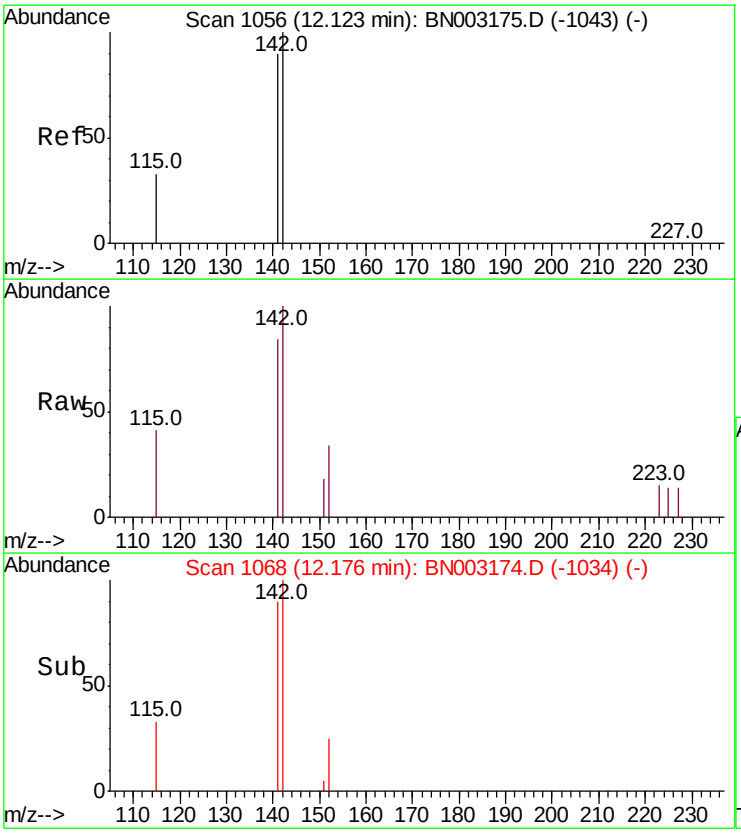
#11
2-Methylnaphthalene-d10
Concen: 0.232 ng
RT: 12.09 min Scan# 1049
Delta R.T. 0.05 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 1312

Ion	Ratio	Lower	Upper
152	100		
151	18.4	15.0	22.4

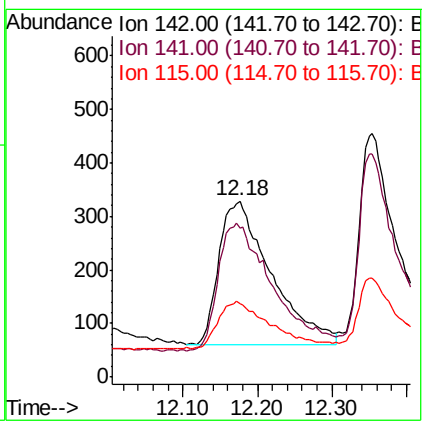


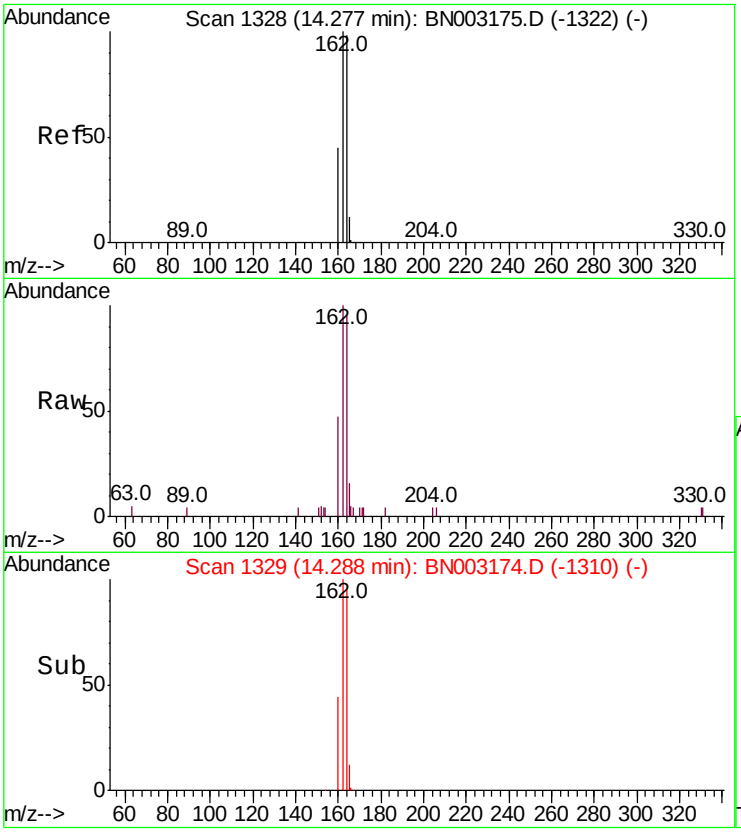


#12
2-Methylnaphthalene
Concen: 0.218 ng
RT: 12.18 min Scan# 1068
Delta R.T. 0.05 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:142 Resp: 1309

Ion	Ratio	Lower	Upper
142	100		
141	84.2	71.5	107.3
115	41.3	28.1	42.1



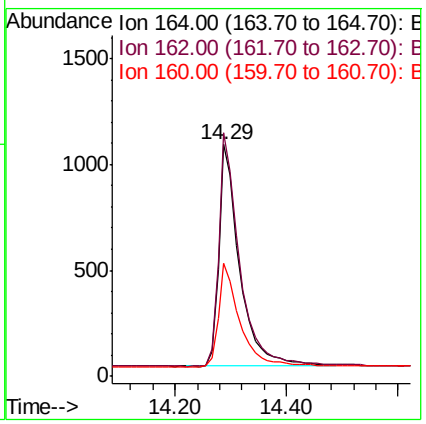


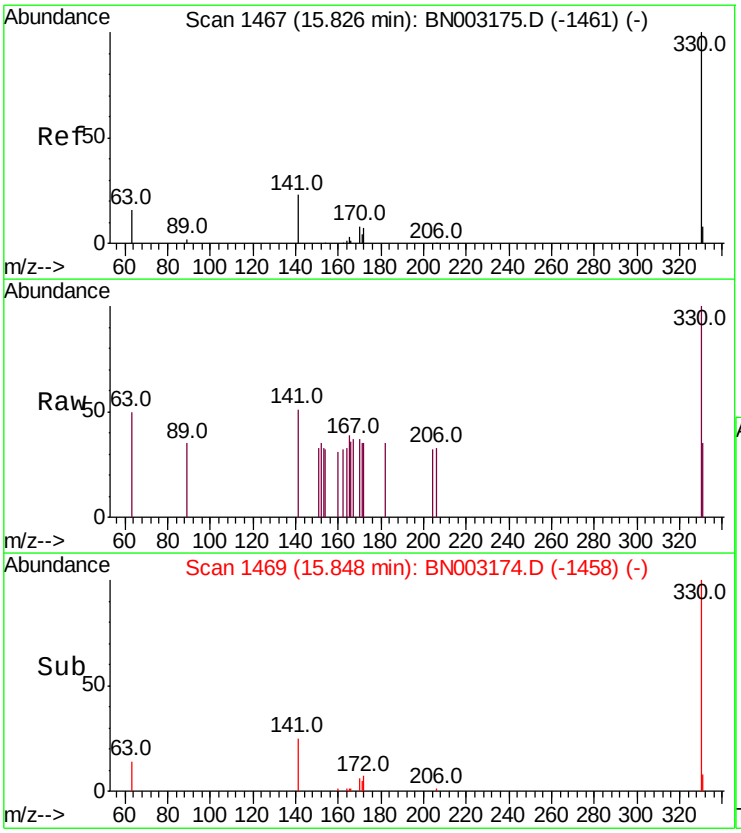
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.29 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 2734

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.7	122.5
160	48.9	36.3	54.5

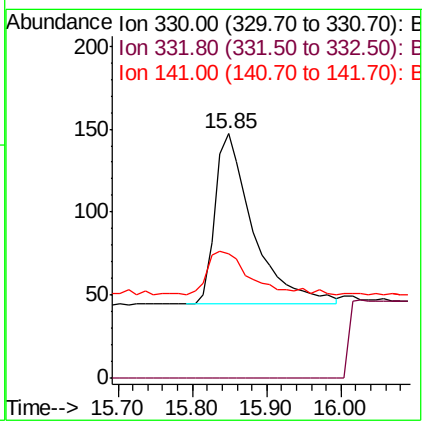


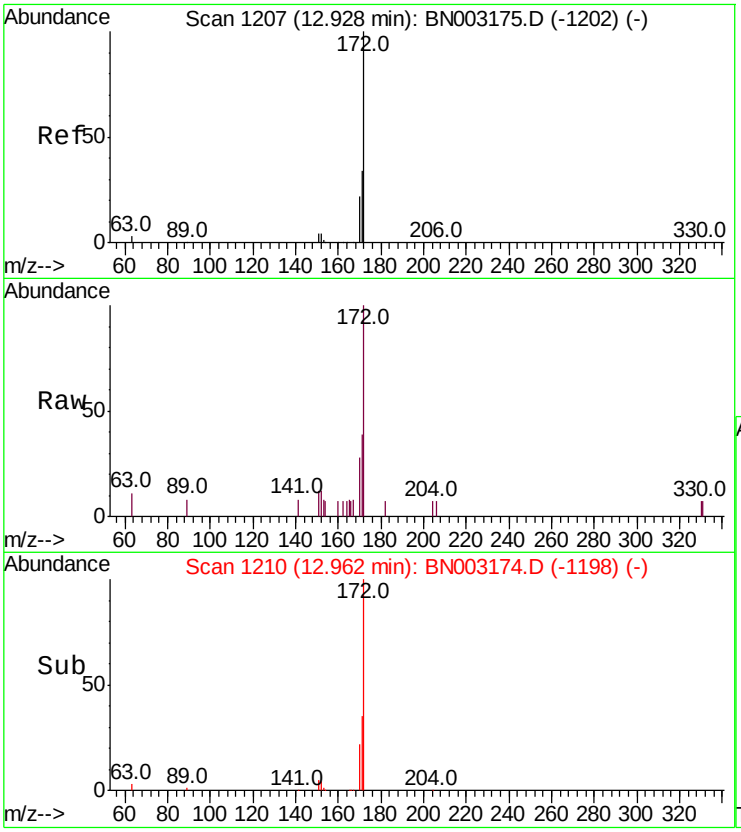


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.85 min Scan# 1469
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:330 Resp: 359

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.6	22.6	33.8



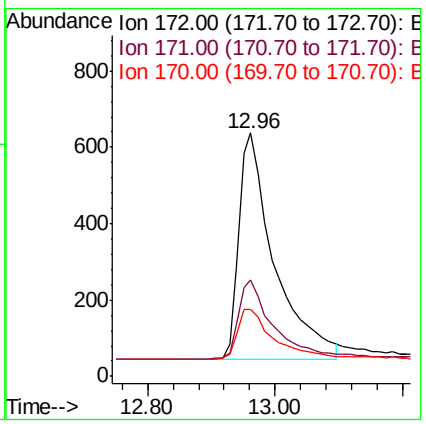


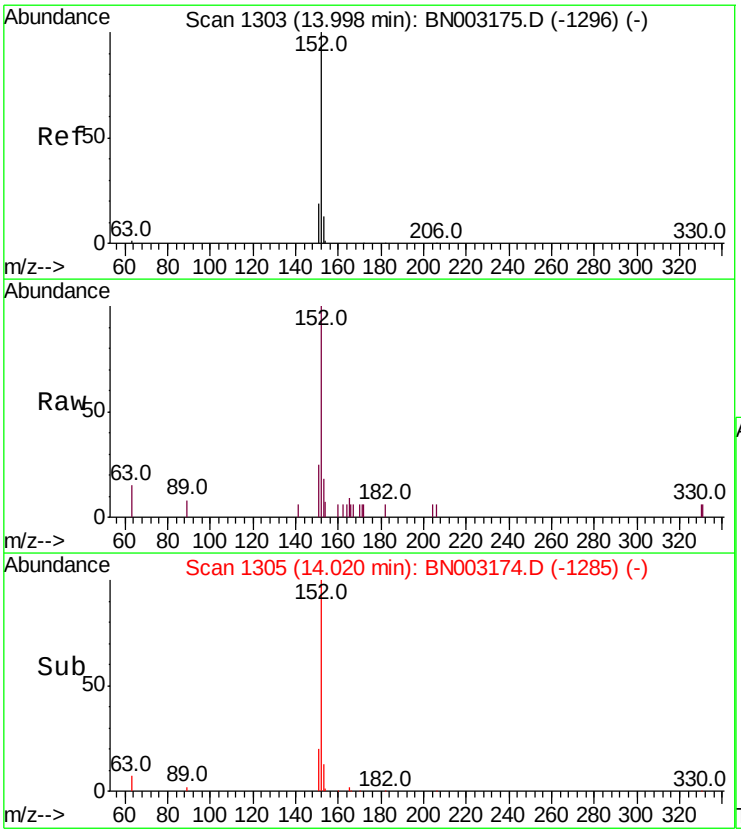
#15
2-Fluorobiphenyl
Concen: 0.233 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.03 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 2310

Ion	Ratio	Lower	Upper
172	100		
171	39.5	28.6	43.0
170	27.6	18.6	27.8

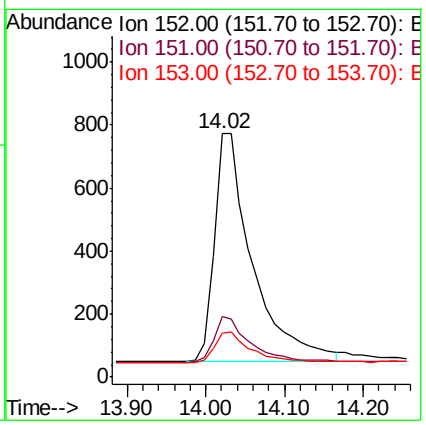


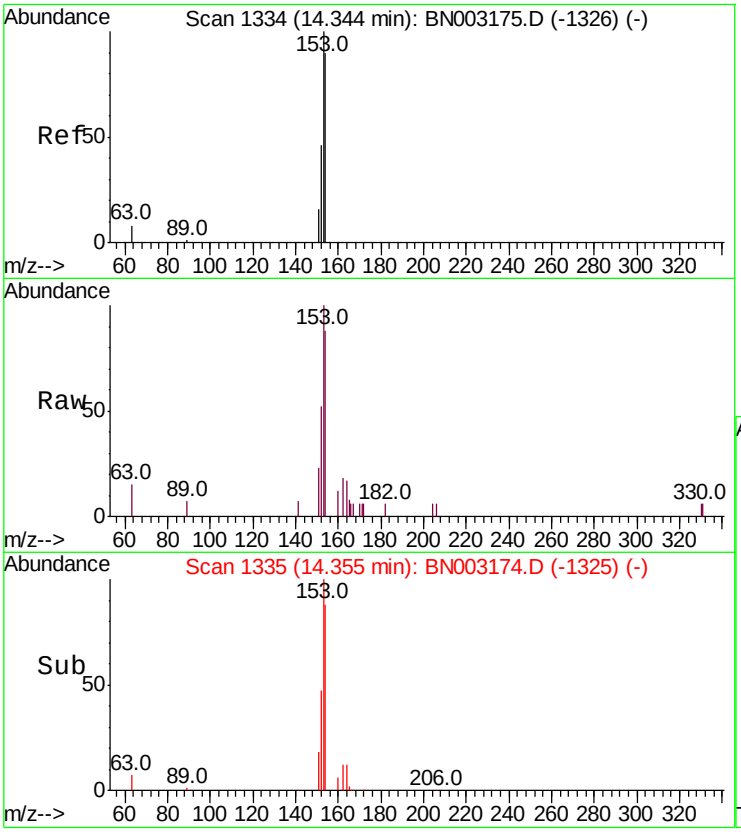


#16
Acenaphthylene
Concen: 0.216 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:152 Resp: 2447

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.4	10.6	16.0



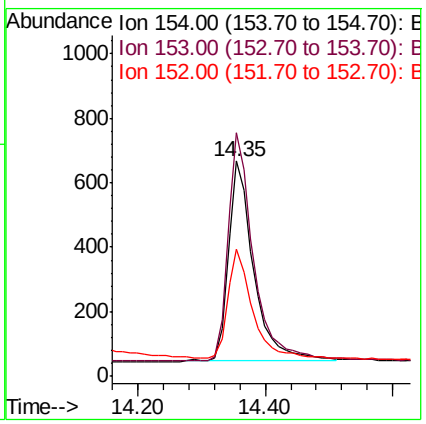


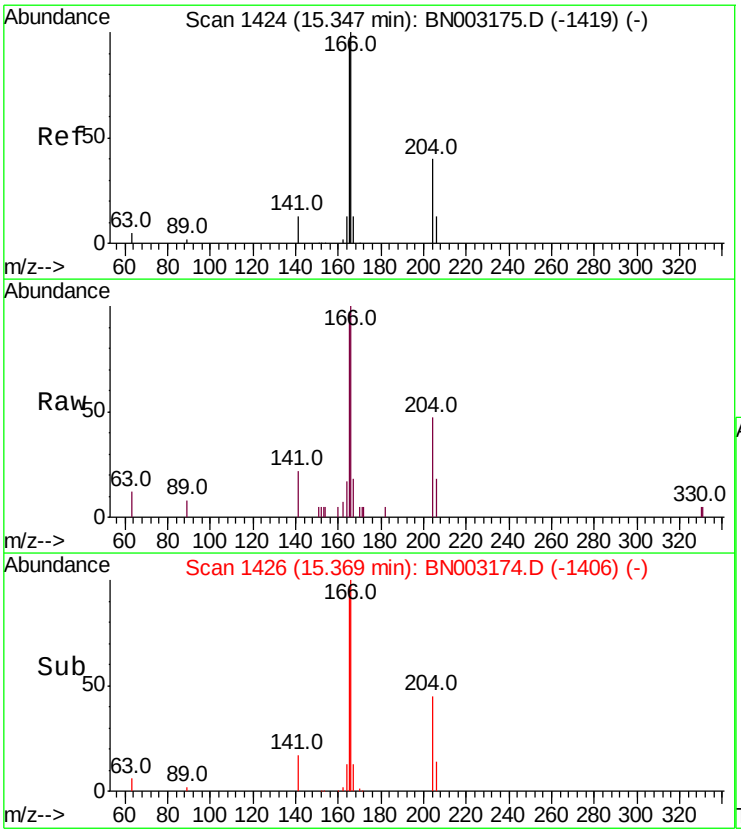
#17
Acenaphthene
Concen: 0.224 ng
RT: 14.35 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 1697

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.0	136.4
152	53.6	43.8	65.6

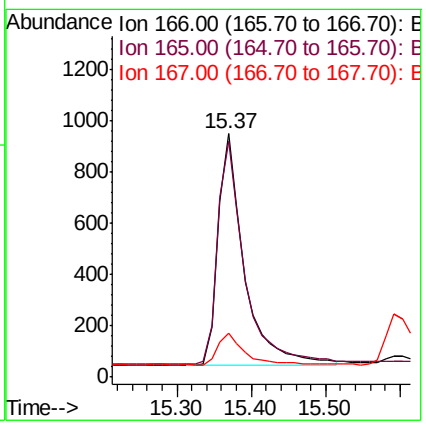


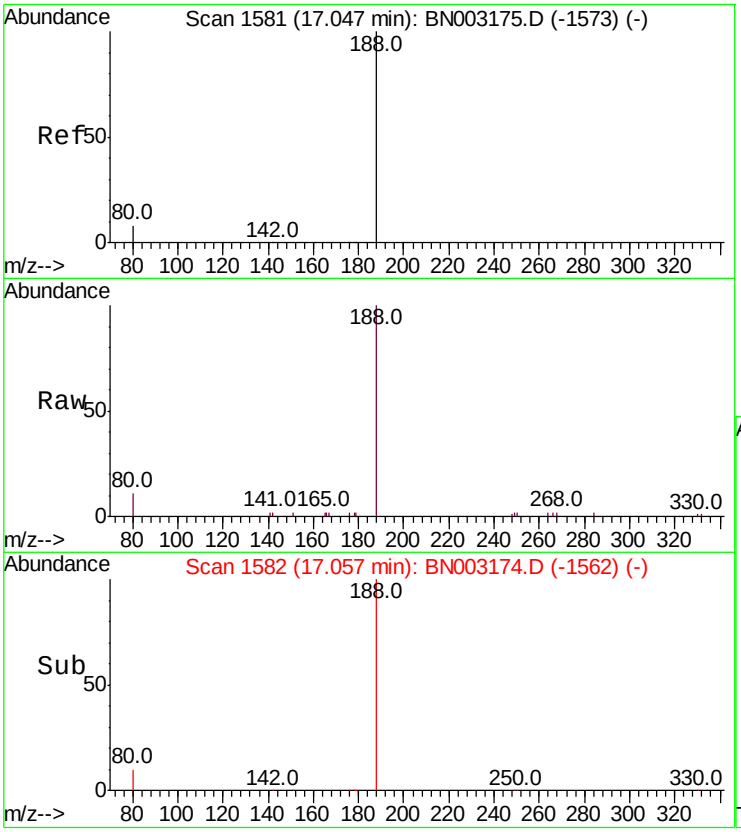


#18
Fluorene
Concen: 0.233 ng
RT: 15.37 min Scan# 1426
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:166 Resp: 2212

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.2
167	14.1	10.7	16.1



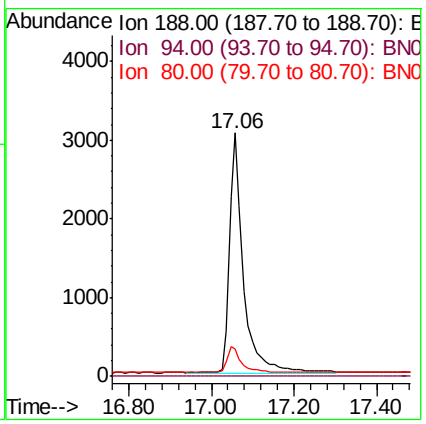


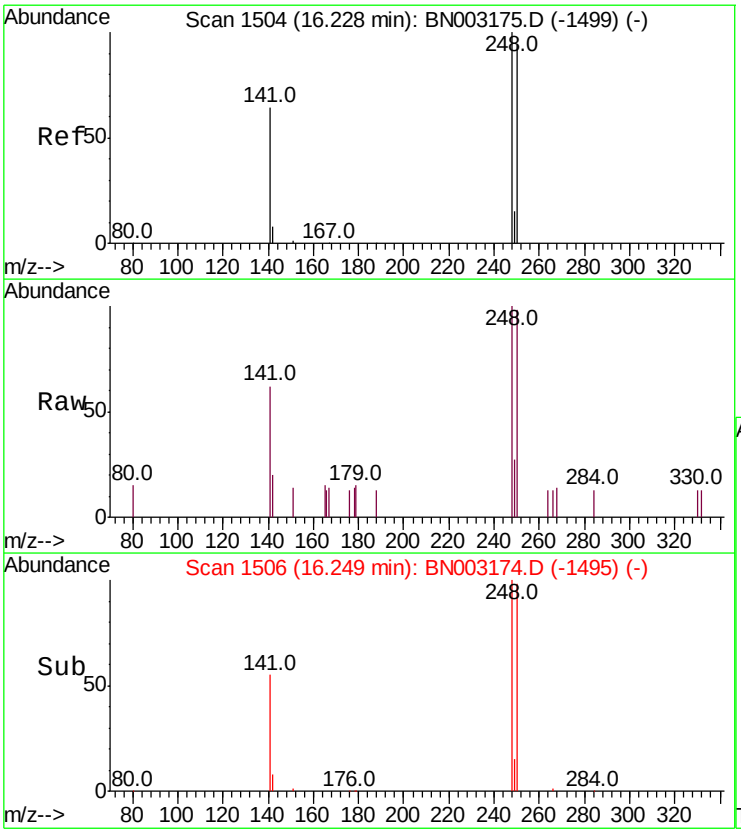
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 7195

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	6.7	10.1#

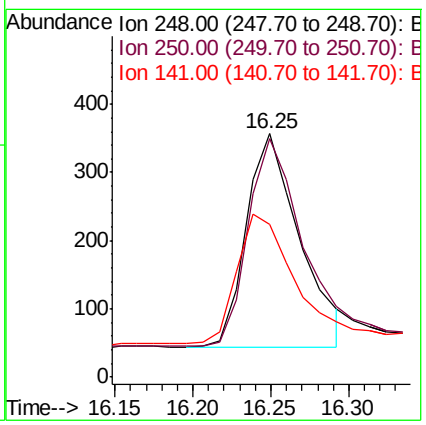


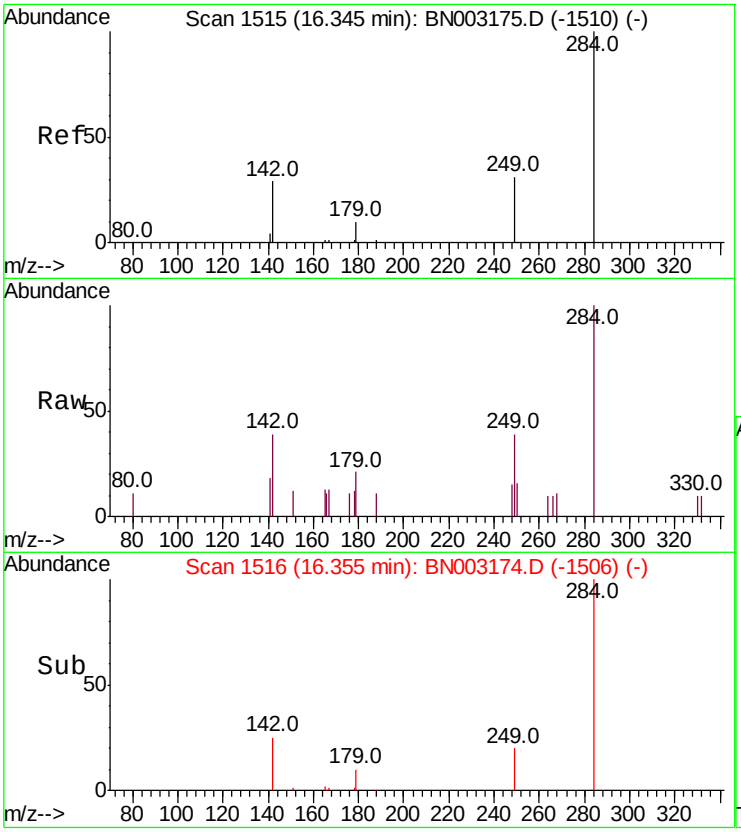


#20
4-Bromophenyl-phenylether
Concen: 0.189 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:248 Resp: 740

Ion	Ratio	Lower	Upper
248	100		
250	98.0	78.9	118.3
141	62.5	48.5	72.7



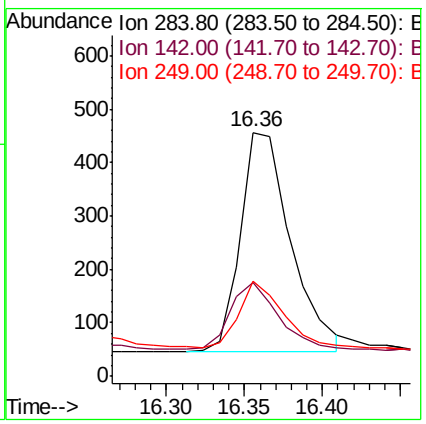


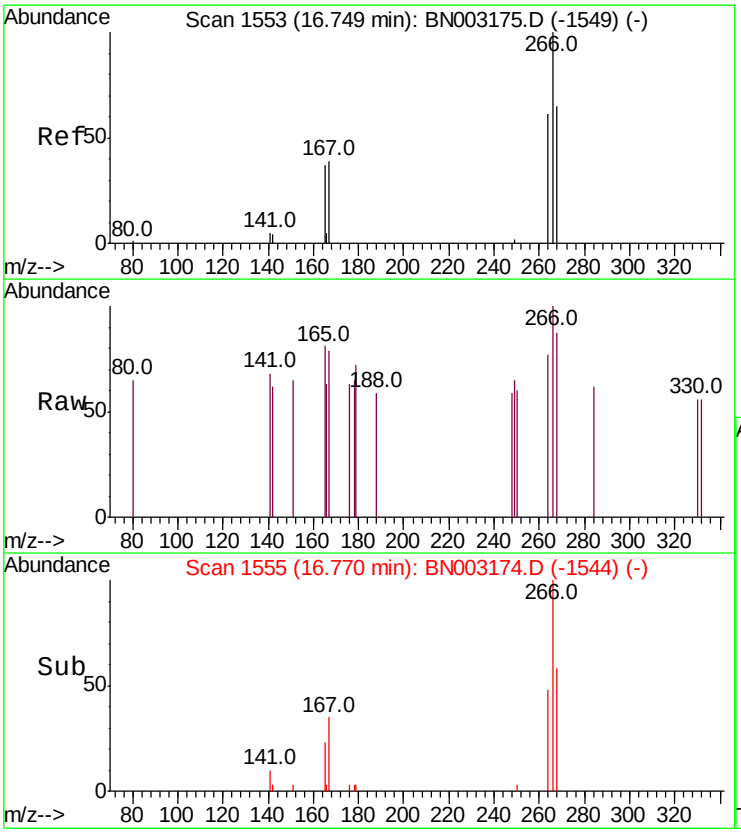
#21
Hexachlorobenzene
Concen: 0.217 ng
RT: 16.36 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 916

Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.6	37.0
249	26.6	22.3	33.5

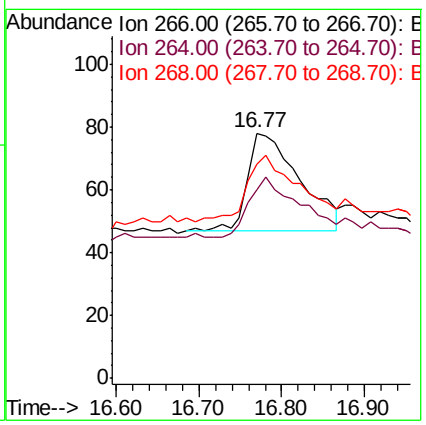


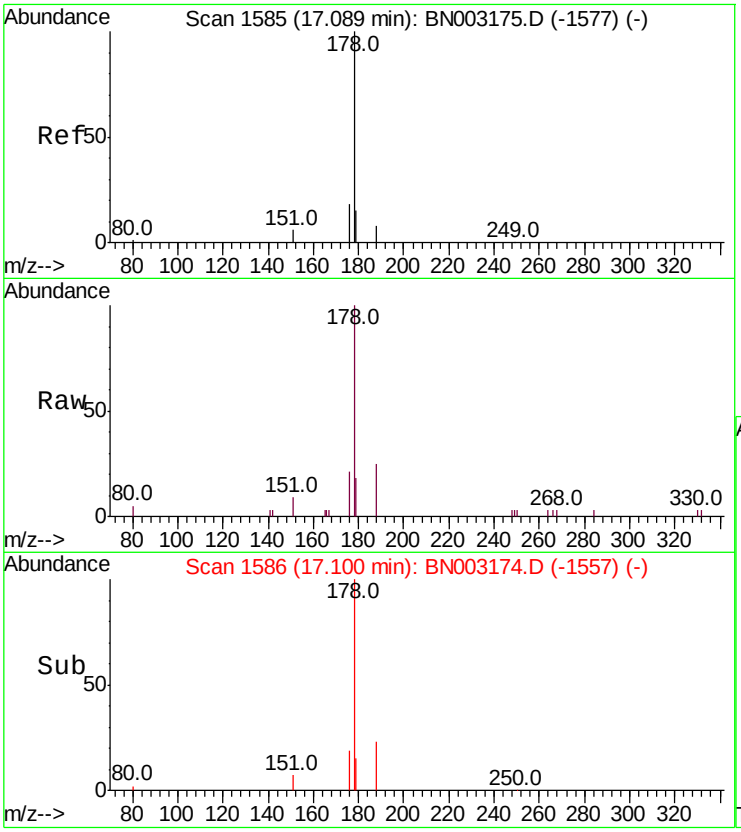


#22
Pentachlorophenol
Concen: 0.154 ng
RT: 16.77 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:266 Resp: 136

Ion	Ratio	Lower	Upper
266	100		
264	76.9	55.0	82.4
268	87.2	60.6	91.0



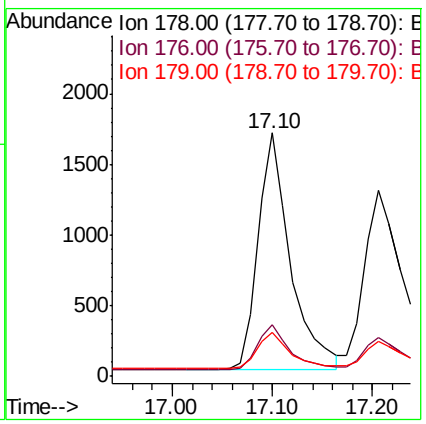


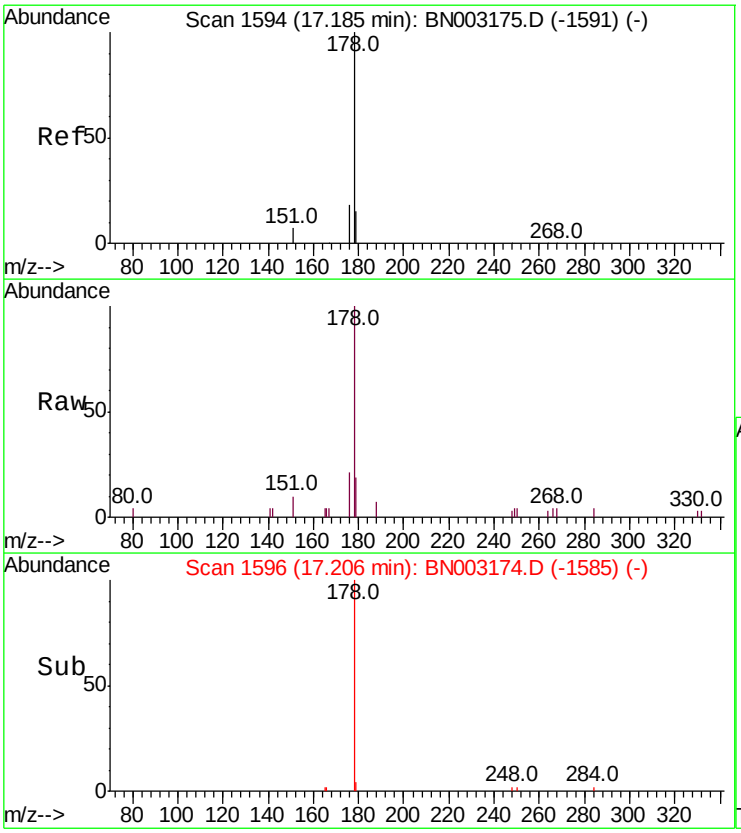
#23
Phenanthrene
Concen: 0.211 ng
RT: 17.10 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3750

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	15.6	12.3	18.5

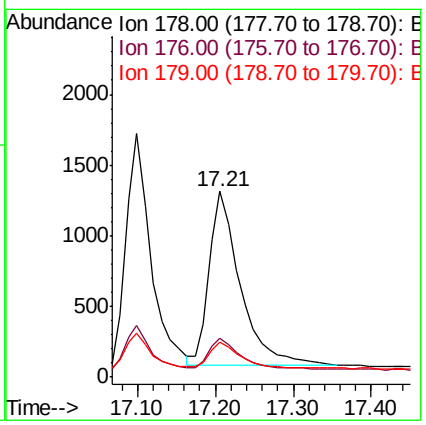


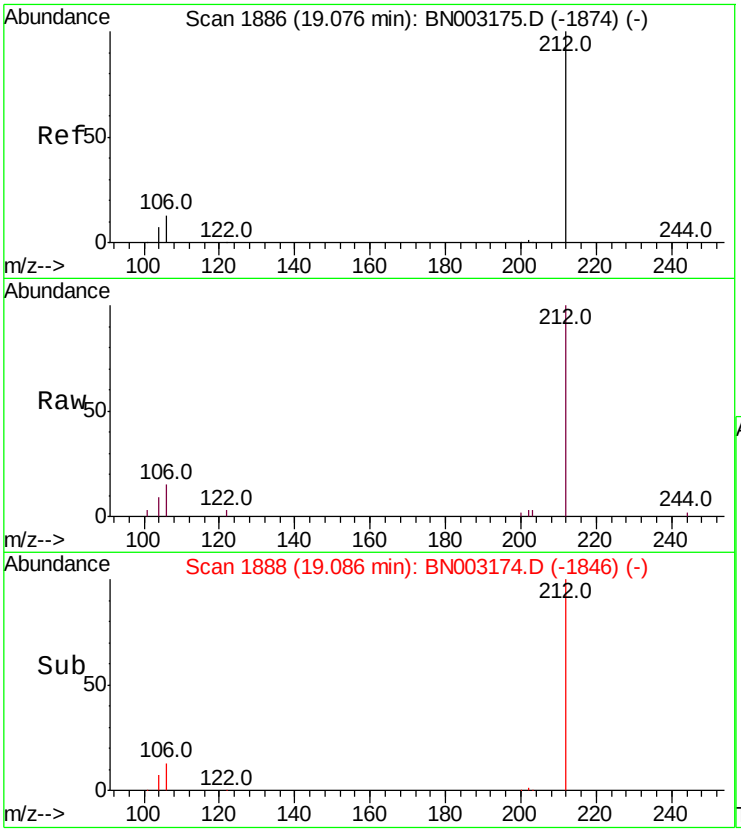


#24
Anthracene
Concen: 0.217 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:178 Resp: 3412

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	14.8	12.3	18.5



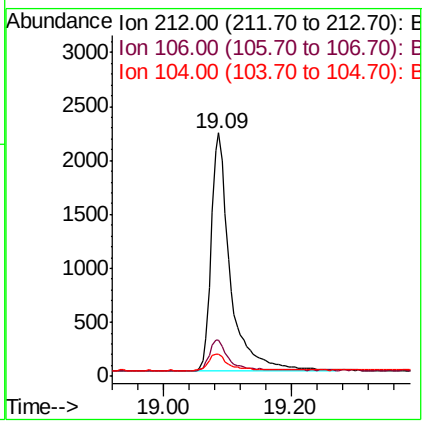


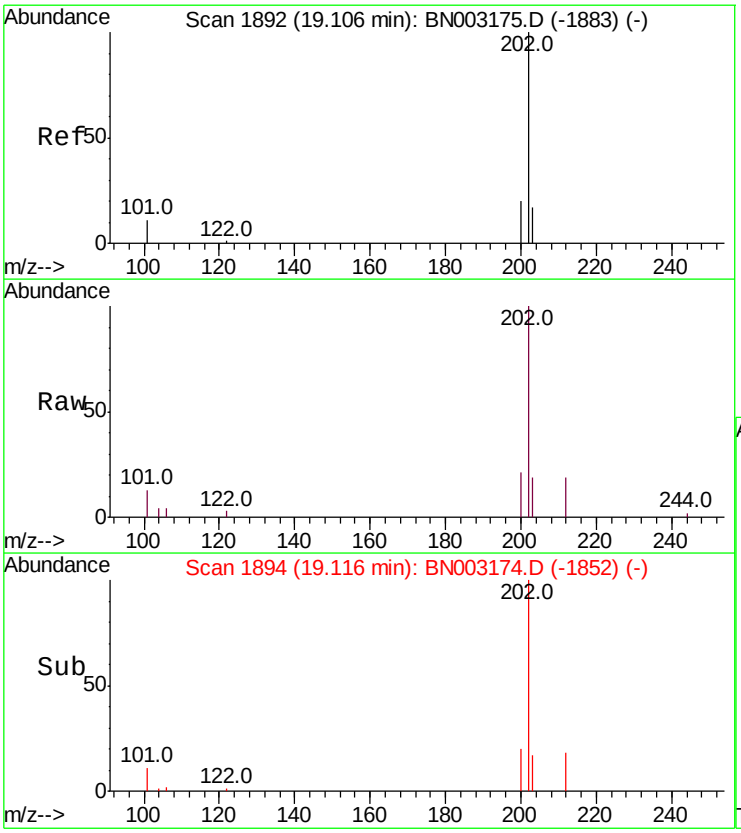
#25
Fluoranthene-d10
Concen: 0.249 ng
RT: 19.09 min Scan# 1888
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 4633

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.2	15.4
104	7.3	5.8	8.6

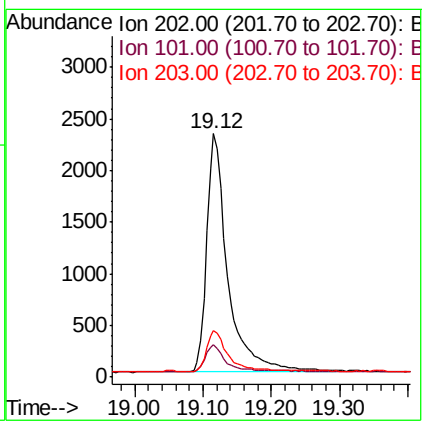


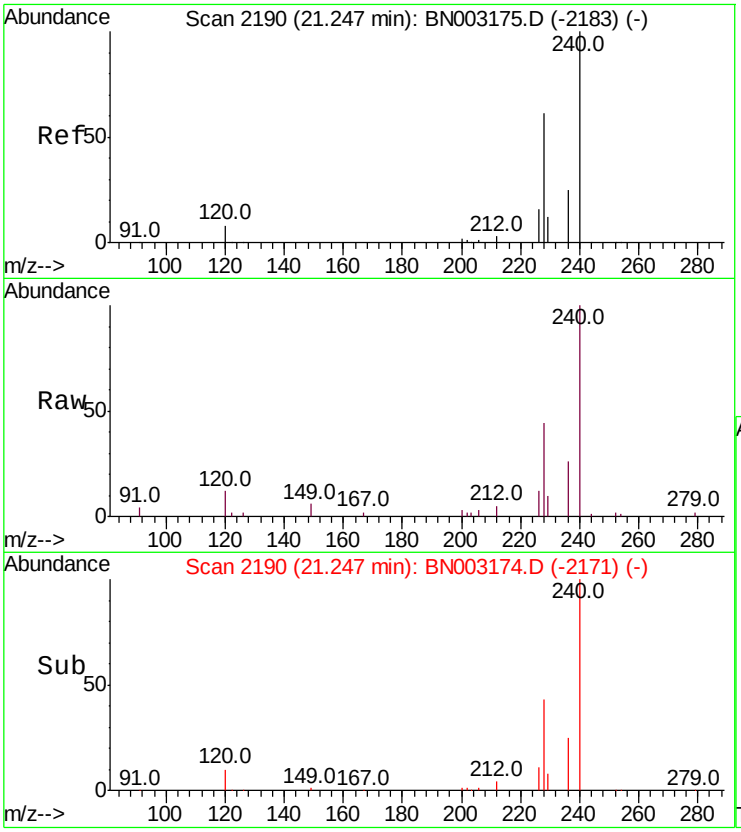


#26
Fluoranthene
Concen: 0.247 ng
RT: 19.12 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:202 Resp: 4980

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.6	12.8
203	17.1	13.7	20.5



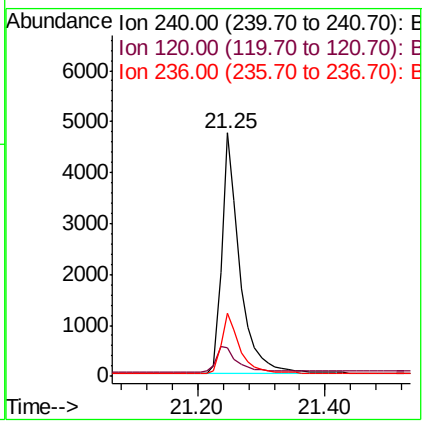


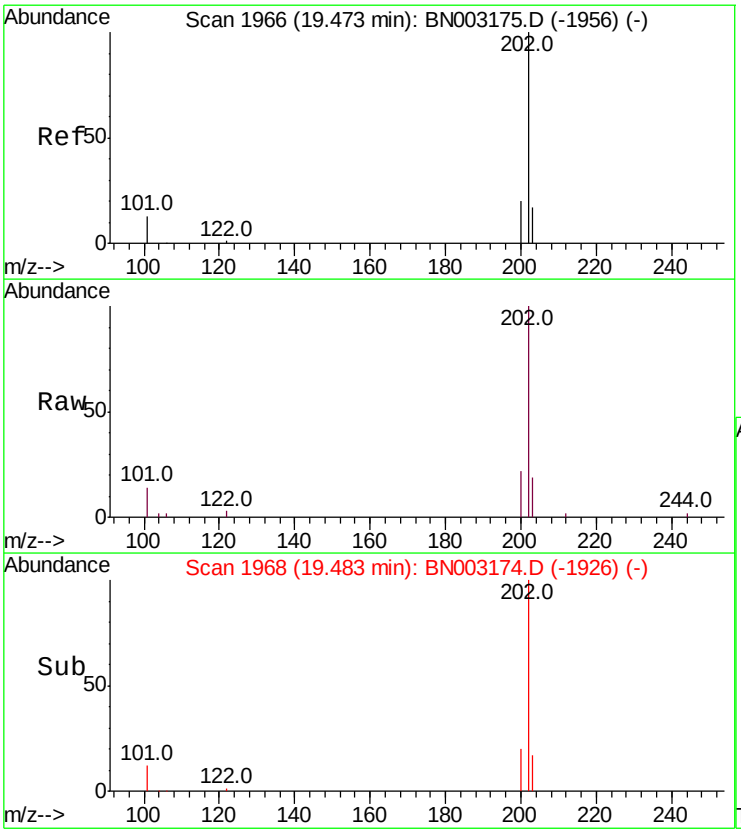
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 9209

Ion	Ratio	Lower	Upper
240	100		
120	11.8	7.8	11.8
236	26.2	21.0	31.4

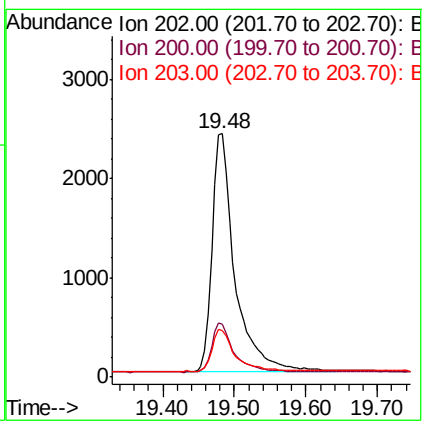


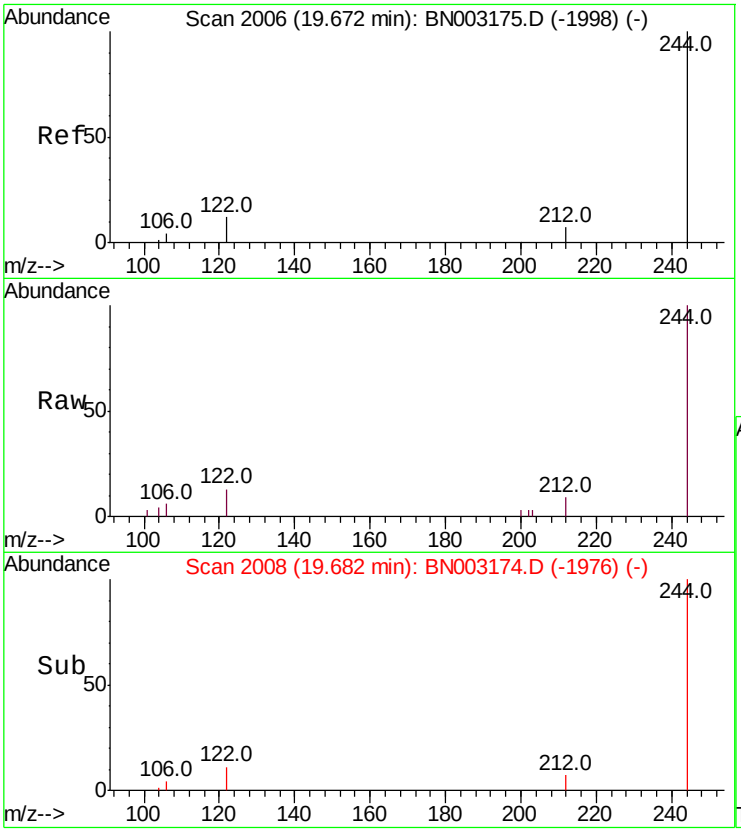


#28
Pyrene
Concen: 0.196 ng
RT: 19.48 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:202 Resp: 5294

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.7	14.2	21.2



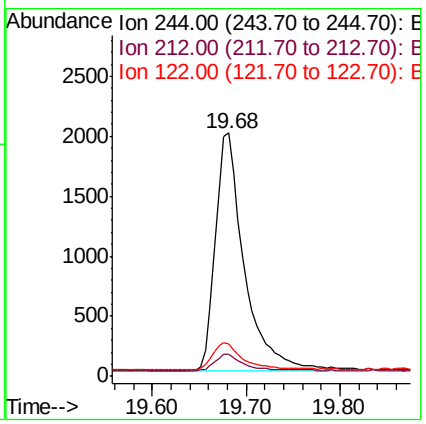


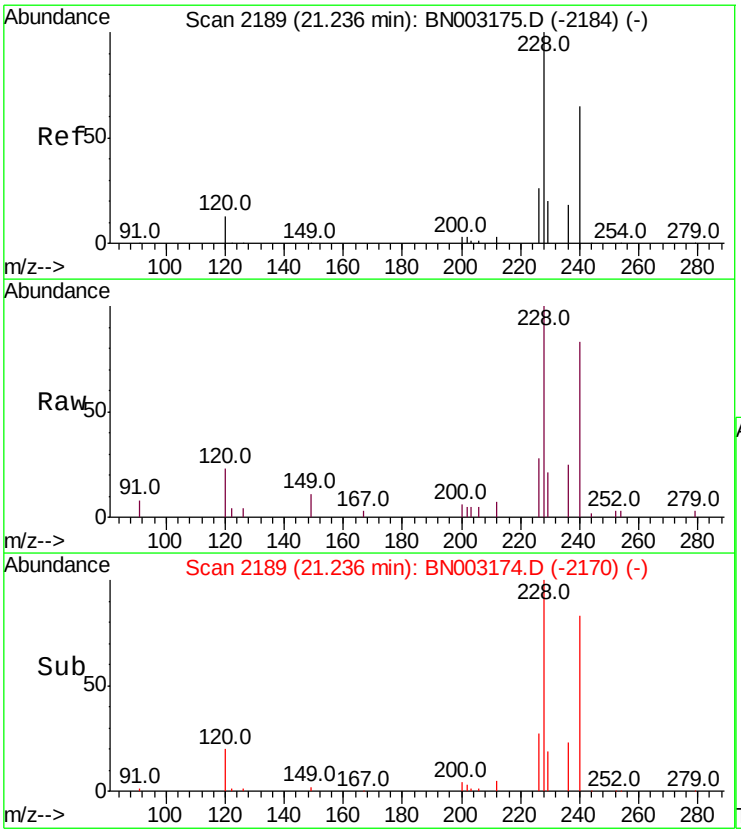
#29
Terphenyl-d14
Concen: 0.207 ng
RT: 19.68 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 4219

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.2	9.4
122	13.4	9.1	13.7

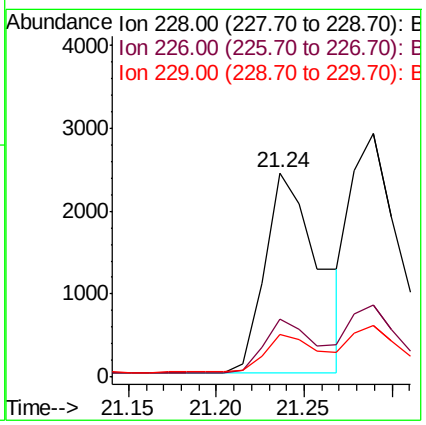


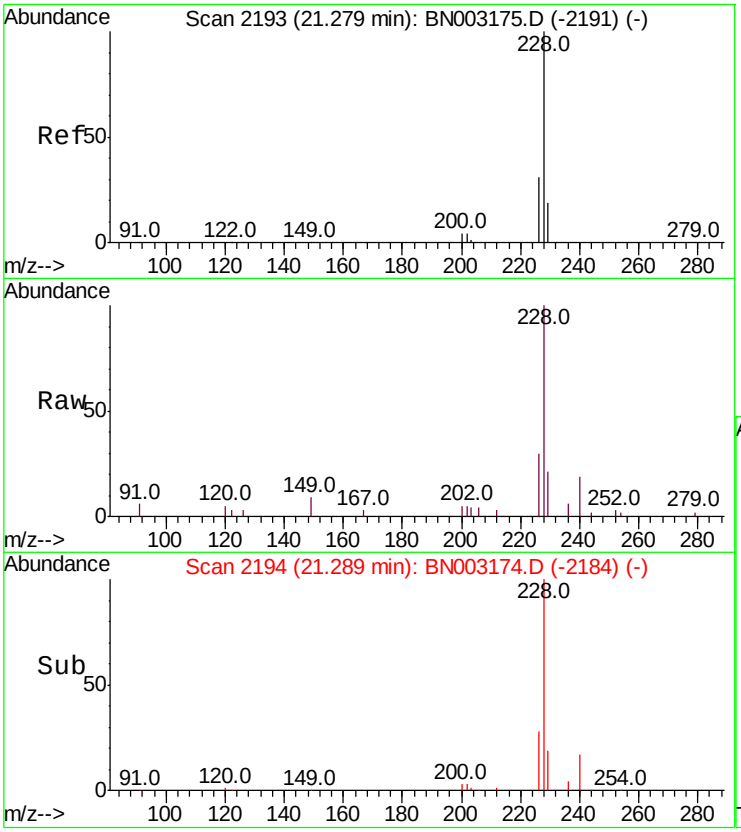


#30
Benzo(a)anthracene
Concen: 0.241 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:228 Resp: 5181

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.4	32.2
229	21.0	16.4	24.6



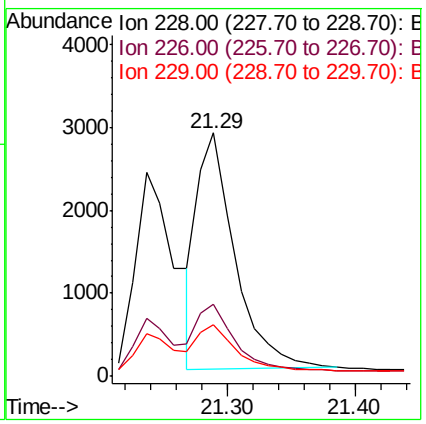


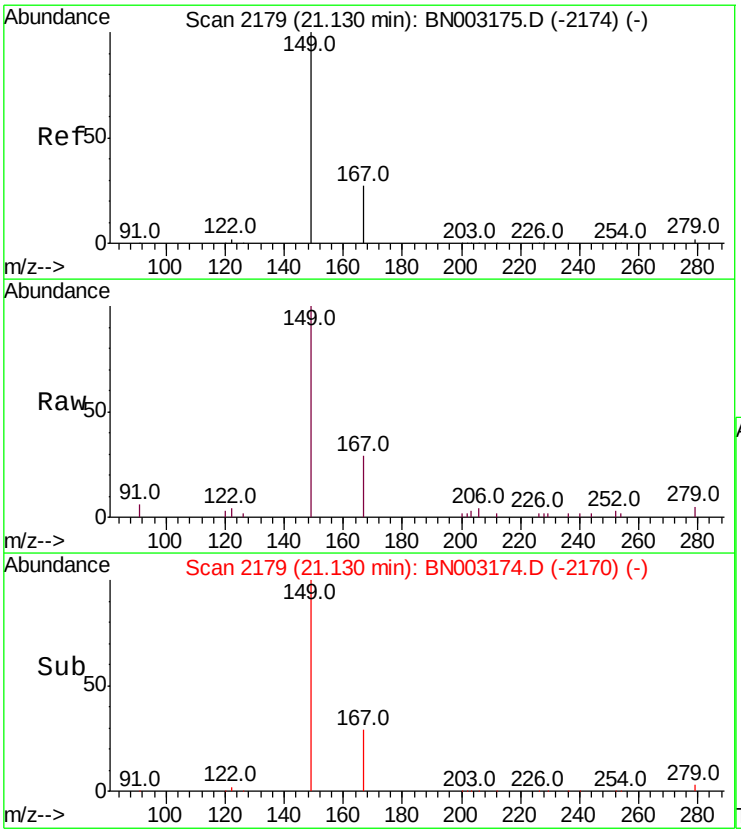
#31
Chrysene
Concen: 0.218 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 5849

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.1	34.7
229	21.0	15.9	23.9

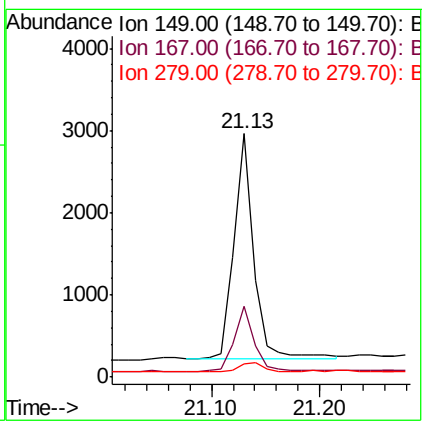


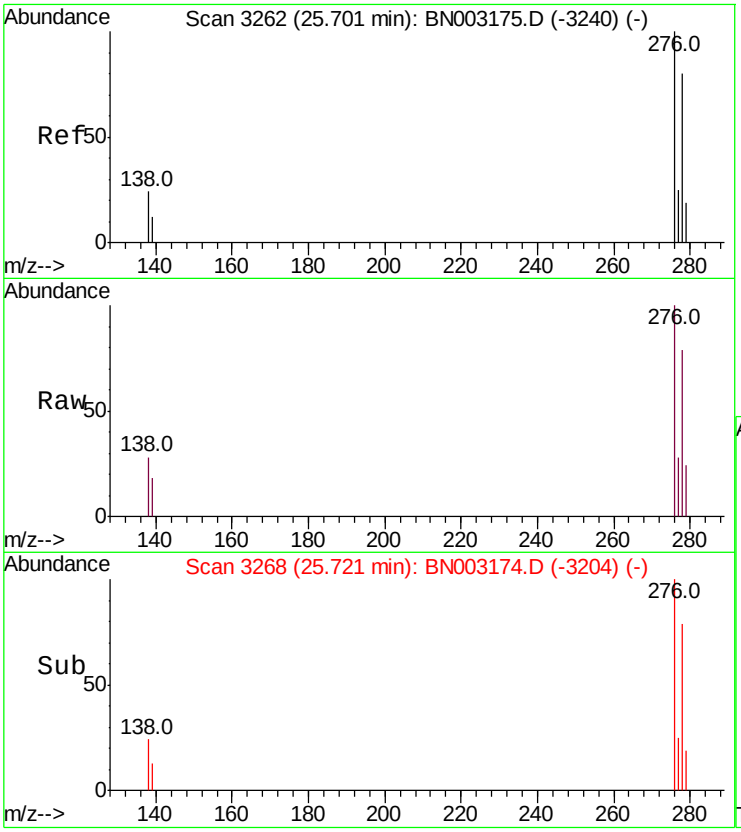


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.237 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:149 Resp: 3424

Ion	Ratio	Lower	Upper
149	100		
167	29.8	22.2	33.4
279	4.6	3.7	5.5



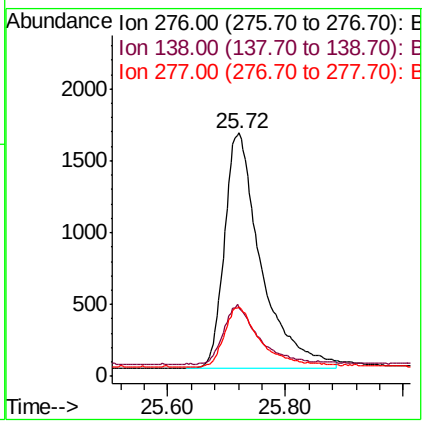


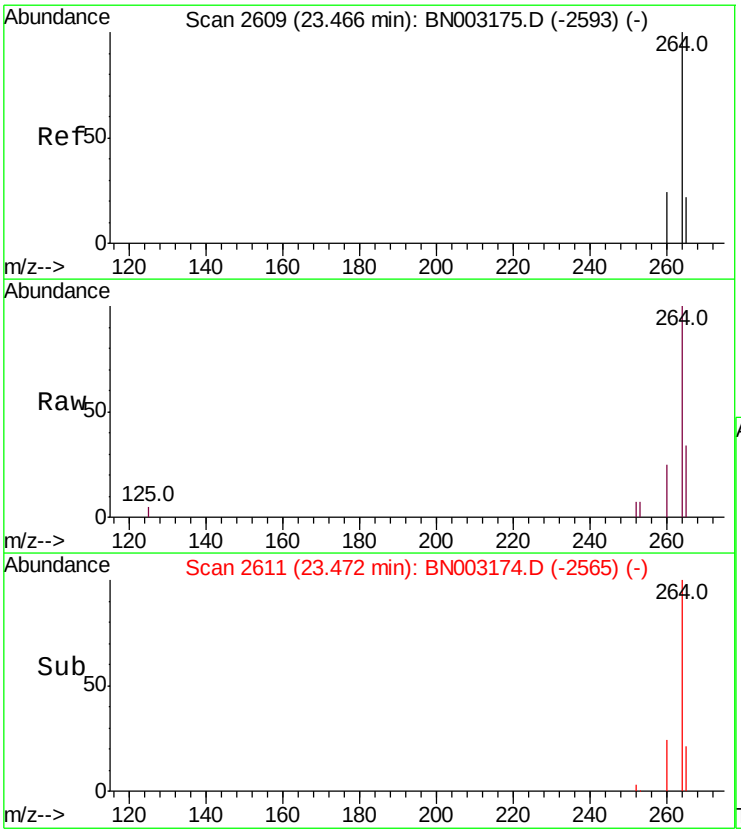
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng
RT: 25.72 min Scan# 3268
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7078

Ion	Ratio	Lower	Upper
276	100		
138	23.6	18.2	27.4
277	24.2	20.2	30.4

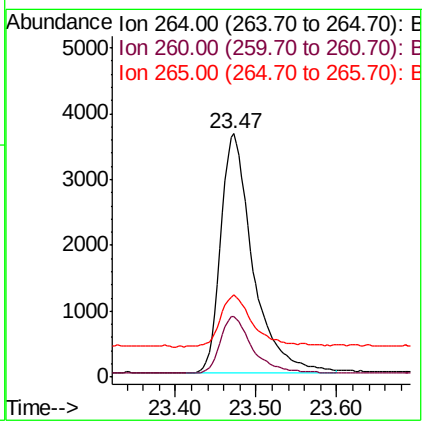


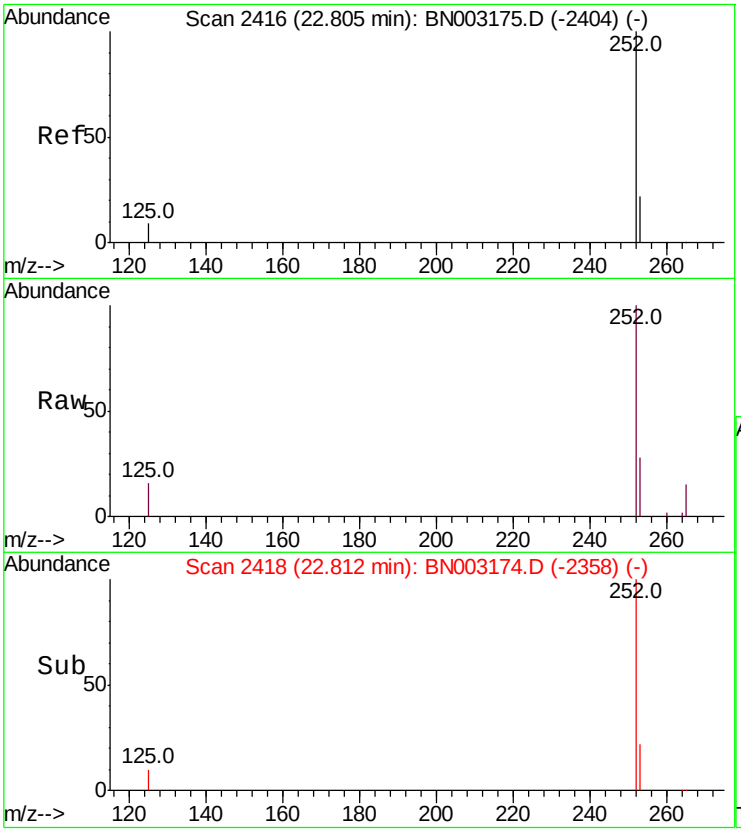


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2611
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:264 Resp: 10065

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.7	29.5
265	33.7	27.6	41.4



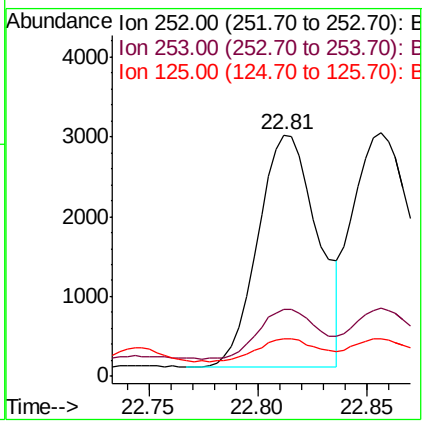


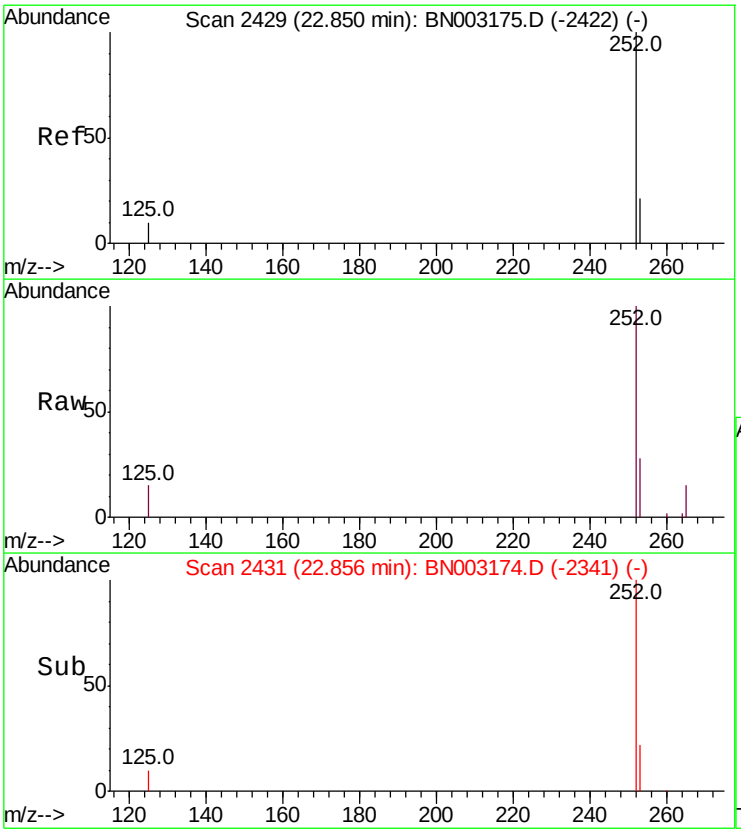
#35
Benzo(b)fluoranthene
Concen: 0.197 ng
RT: 22.81 min Scan# 2418
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5536

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.8	31.2
125	15.5	9.6	14.4#

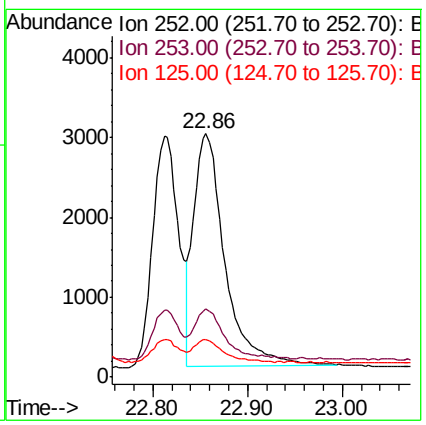


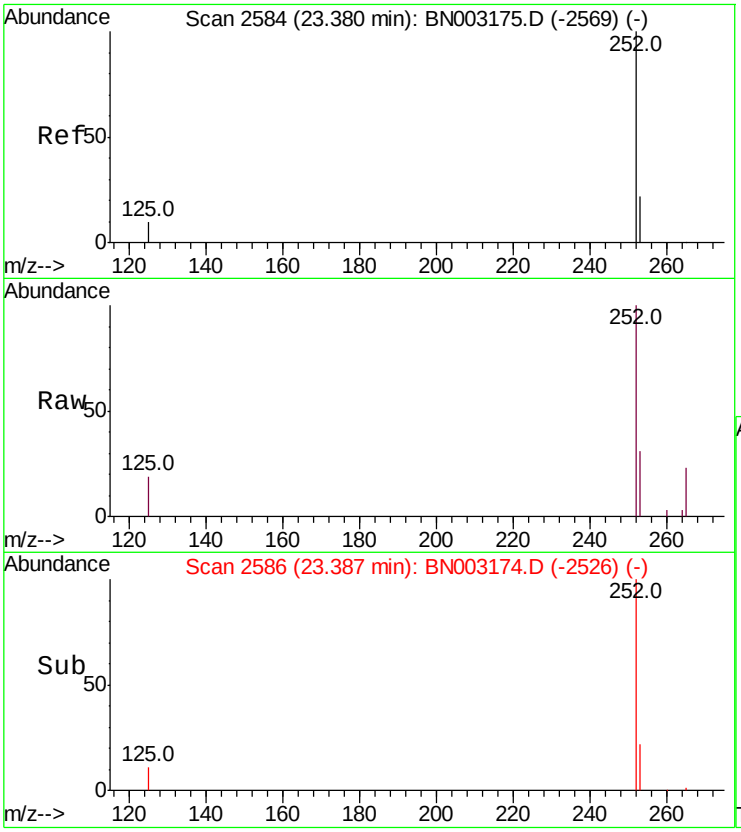


#36
Benzo(k)fluoranthene
Concen: 0.216 ng
RT: 22.86 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:252 Resp: 6634

Ion	Ratio	Lower	Upper
252	100		
253	28.2	20.5	30.7
125	15.3	9.4	14.0#



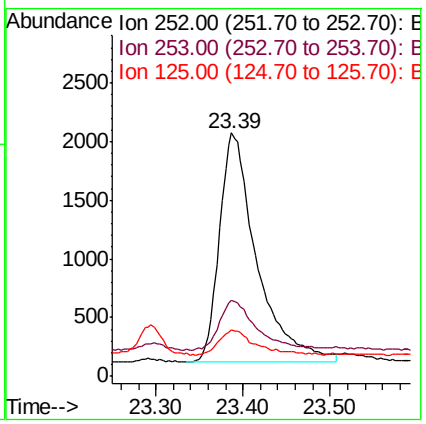


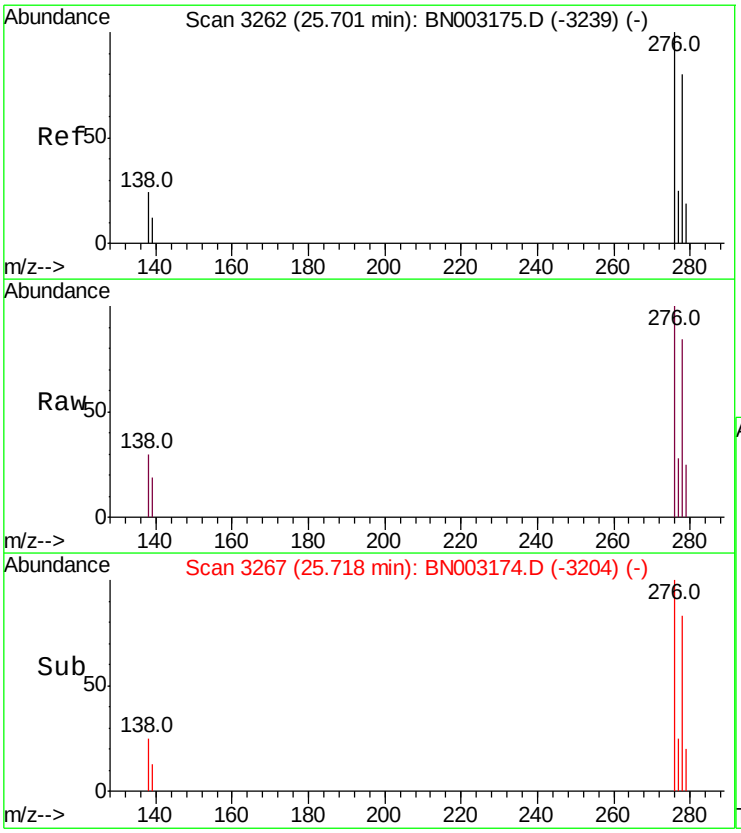
#37
Benzo(a)pyrene
Concen: 0.223 ng
RT: 23.39 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 5815

Ion	Ratio	Lower	Upper
252	100		
253	31.2	22.4	33.6
125	18.9	11.4	17.0#

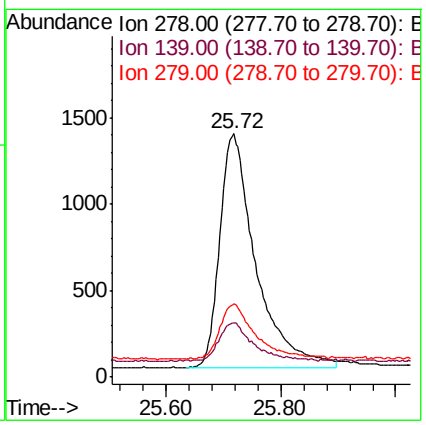


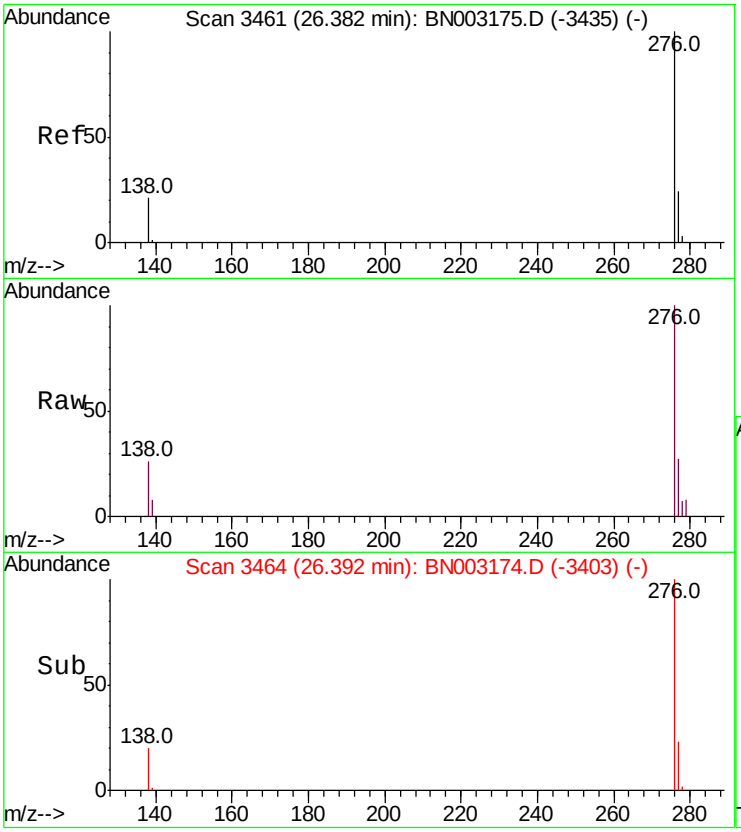


#38
Dibenzo(a,h)anthracene
Concen: 0.249 ng
RT: 25.72 min Scan# 3267
Delta R.T. 0.02 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Tgt Ion:278 Resp: 5919

Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.6	21.8#
279	30.3	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 0.249 ng
RT: 26.39 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BN003174.D
Acq: 17 Oct 2018 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 6052

Ion	Ratio	Lower	Upper
276	100		
277	27.0	21.0	31.4
138	26.0	18.1	27.1