Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028359.D
Acq On : 23 Oct 2023 23:49
Operator : MA/JU
Sample : 04986-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Quant Time: Oct 24 03:22:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	3145	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	10307	0.400	ng	# 0.00
13) Acenaphthene-d10	14.534	164	6604	0.400	ng	0.00
19) Phenanthrene-d10	17.294	188	15802	0.400	ng	0.00
29) Chrysene-d12	21.480	240	16186	0.400	ng	0.00
35) Perylene-d12	23.928	264	15406	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	557	0.057	ng	0.00
5) Phenol-d6	7.120	99	309	0.026	ng	0.07
8) Nitrobenzene-d5	9.123	82	1420	0.155	ng	0.02
11) 2-Methylnaphthalene-d10	12.302	152	3236	0.209	ng	0.00
14) 2,4,6-Tribromophenol	16.053	330	474	0.147	ng	-0.01
15) 2-Fluorobiphenyl	13.165	172	4491	0.193	ng	0.00
27) Fluoranthene-d10	19.319	212	10574	0.250	ng	0.00
31) Terphenyl-d14	19.909	244	9476	0.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	335	0.088	ng	# 78
3) n-Nitrosodimethylamine	3.661	42	230	0.055	ng	# 74
6) bis(2-Chloroethyl)ether	7.344	93	1357	0.146	ng	# 61
9) Naphthalene	10.757	128	2945	0.110	ng	# 93
10) Hexachlorobutadiene	10.960	225	424	0.092	ng	# 99
12) 2-Methylnaphthalene	12.374	142	1830	0.096	ng	# 95
16) Acenaphthylene	14.266	152	3026	0.102	ng	97
17) Acenaphthene	14.598	154	1904	0.102	ng	98
18) Fluorene	15.581	166	2696	0.110	ng	98
20) 4,6-Dinitro-2-methylph...	15.780	198	92	0.268	ng	# 1
21) 4-Bromophenyl-phenylether	16.475	248	836	0.103	ng	# 92
22) Hexachlorobenzene	16.562	284	900	0.107	ng	95
23) Atrazine	16.748	200	953	0.125	ng	# 93
25) Phenanthrene	17.331	178	5457	0.126	ng	99
26) Anthracene	17.430	178	4309	0.104	ng	98
28) Fluoranthene	19.351	202	6965	0.128	ng	99
30) Pyrene	19.718	202	7390	0.133	ng	100
32) Benzo(a)anthracene	21.471	228	6829	0.119	ng	99
33) Chrysene	21.524	228	6918	0.126	ng	98
34) Bis(2-ethylhexyl)phtha...	21.336	149	7973	0.182	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.507	276	5756	0.093	ng	98
37) Benzo(b)fluoranthene	23.174	252	6549	0.136	ng	# 87
38) Benzo(k)fluoranthene	23.224	252	6151	0.126	ng	# 85
39) Benzo(a)pyrene	23.820	252	5118	0.107	ng	# 73
40) Dibenzo(a,h)anthracene	26.516	278	4676	0.093	ng	# 87
41) Benzo(g,h,i)perylene	27.308	276	4875	0.094	ng	93

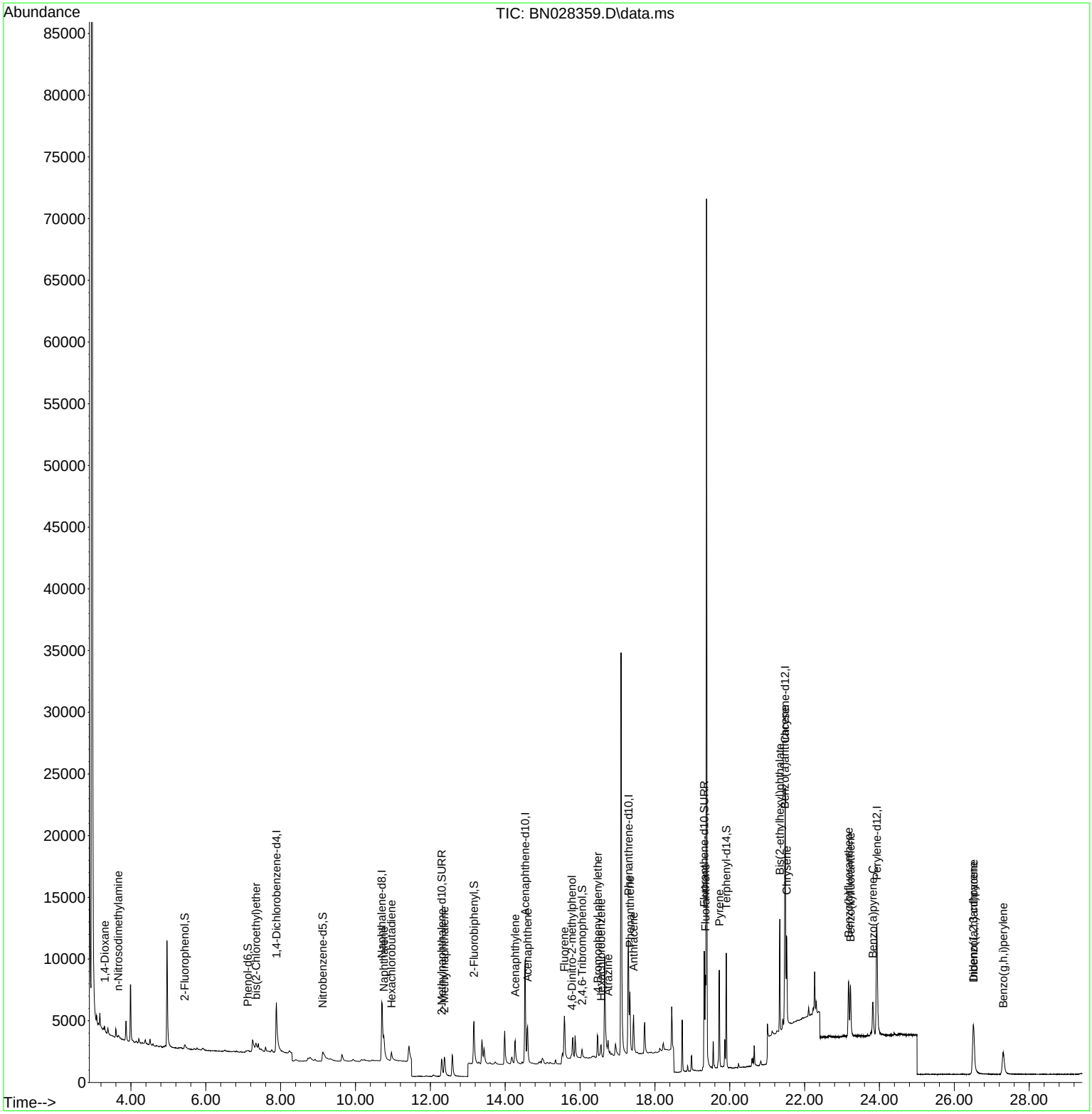
(#) = qualifier out of range (m) = manual integration (+) = signals summed

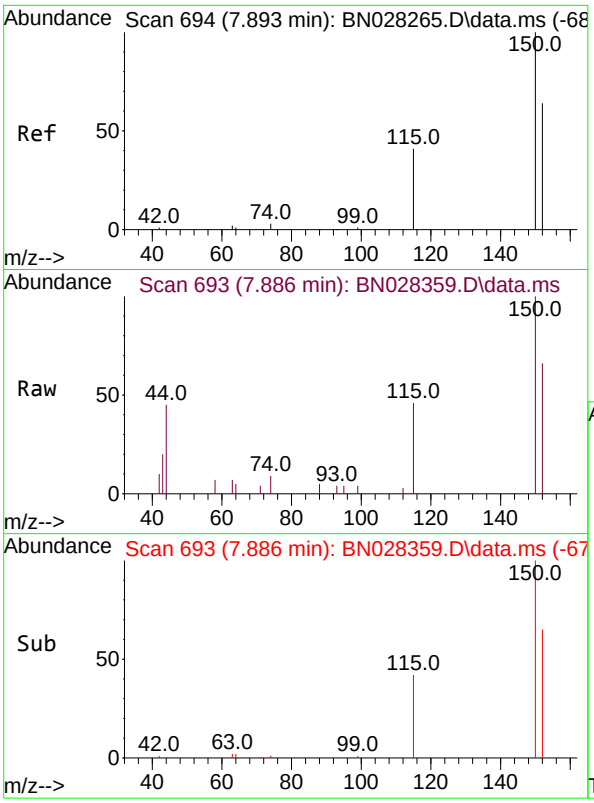
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028359.D
Acq On : 23 Oct 2023 23:49
Operator : MA/JU
Sample : 04986-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Quant Time: Oct 24 03:22:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration



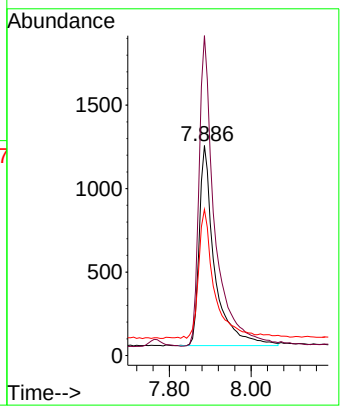


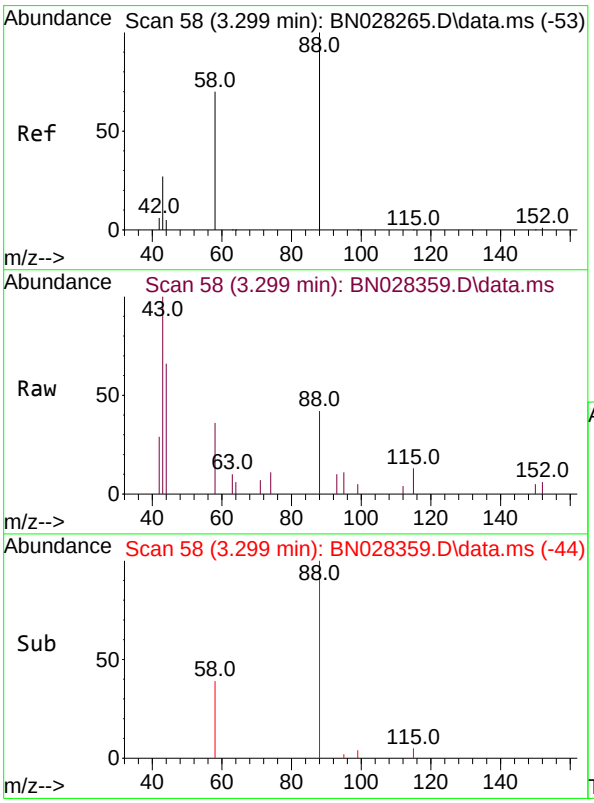
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.886 min Scan# 69
Delta R.T. 0.008 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:152 Resp: 3145

Ion	Ratio	Lower	Upper
152	100		
150	152.4	121.6	182.4
115	69.6	54.3	81.5

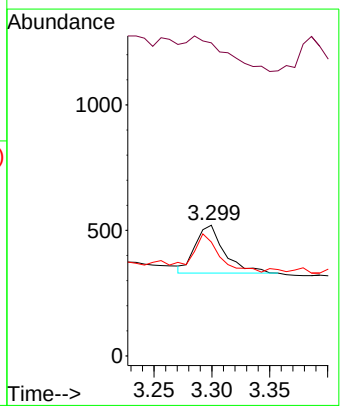


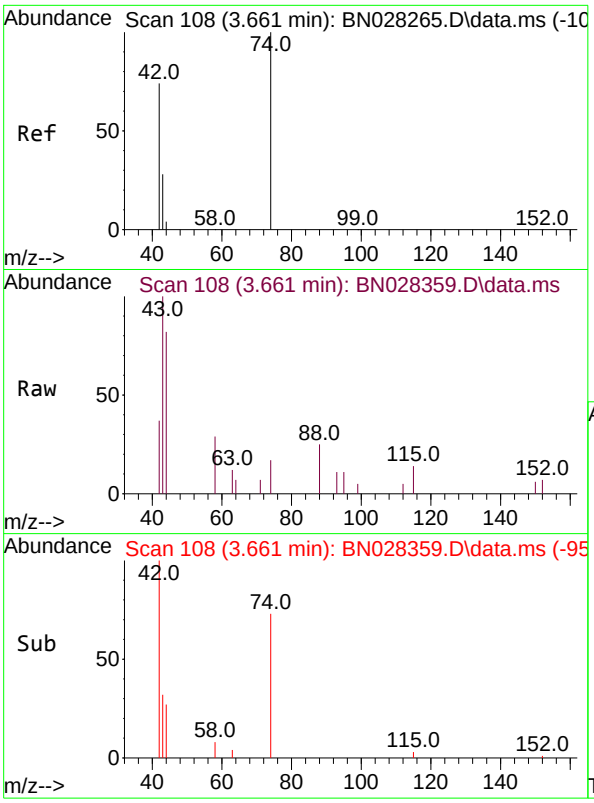


#2
1,4-Dioxane
Concen: 0.088 ng
RT: 3.299 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion: 88 Resp: 335

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	72.2	55.4	83.0



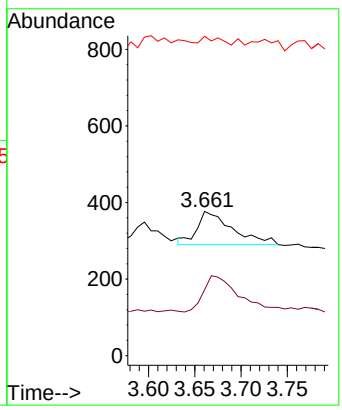


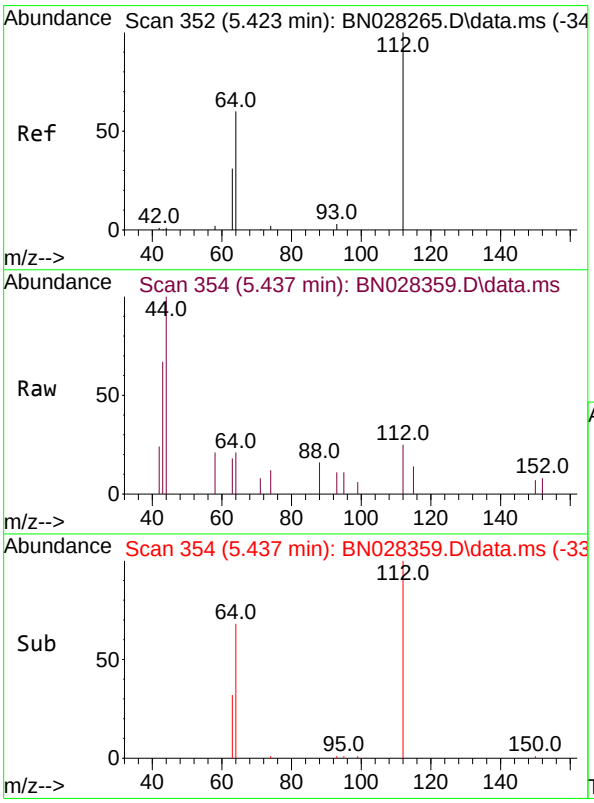
#3
n-Nitrosodimethylamine
Concen: 0.055 ng
RT: 3.661 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion: 42 Resp: 230

Ion	Ratio	Lower	Upper
42	100		
74	107.0	112.6	168.8#
44	12.2	7.8	11.6#

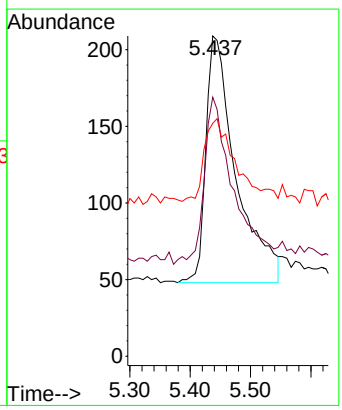


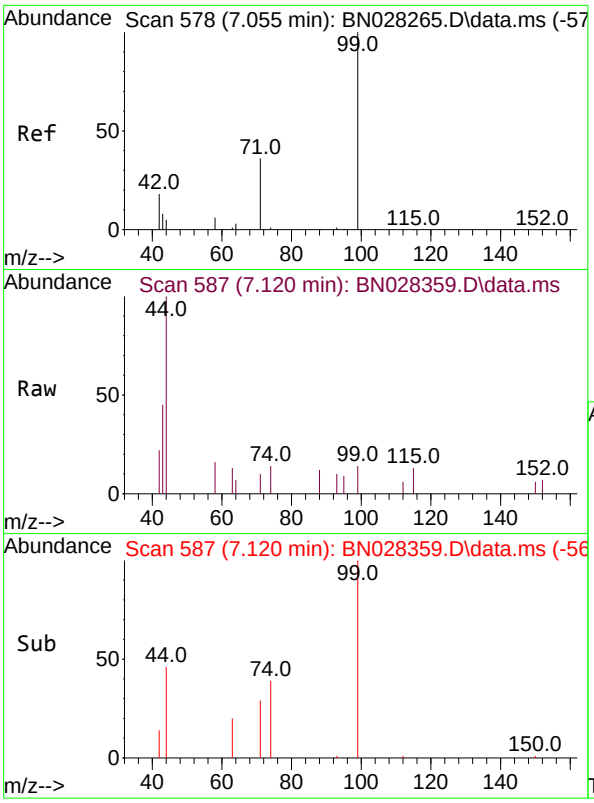


#4
2-Fluorophenol
Concen: 0.057 ng
RT: 5.437 min Scan# 354
Delta R.T. 0.007 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:112 Resp: 557

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.9	70.3
63	34.8	25.0	37.4



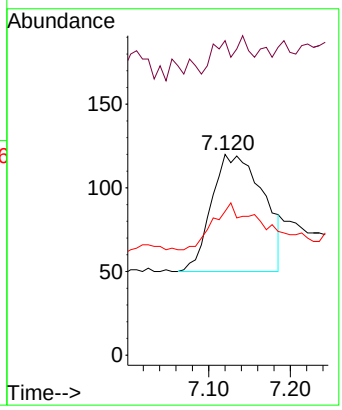


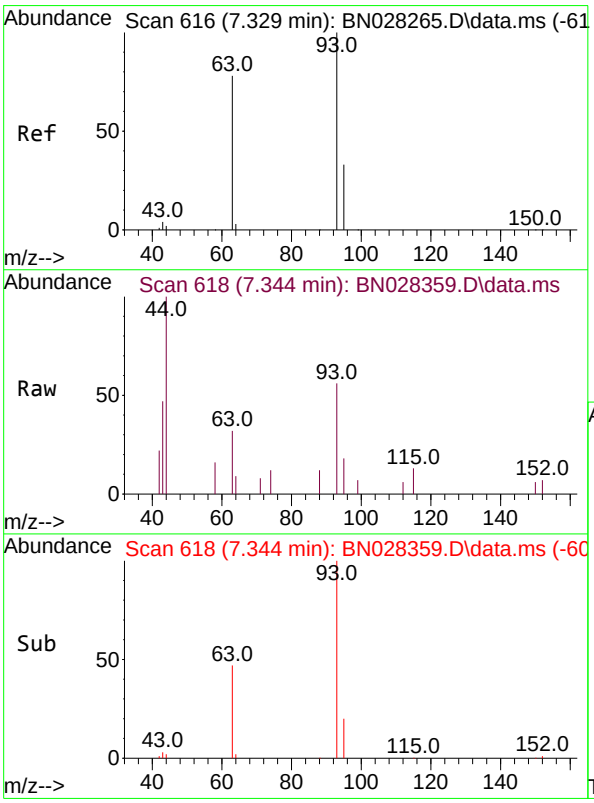
#5
Phenol-d6
Concen: 0.026 ng
RT: 7.120 min Scan# 58
Delta R.T. 0.065 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion: 99 Resp: 309

Ion	Ratio	Lower	Upper
99	100		
42	9.4	15.9	23.9#
71	21.0	28.6	42.8#

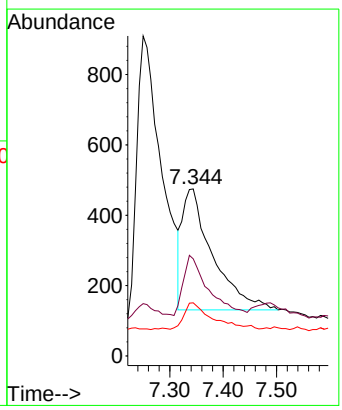


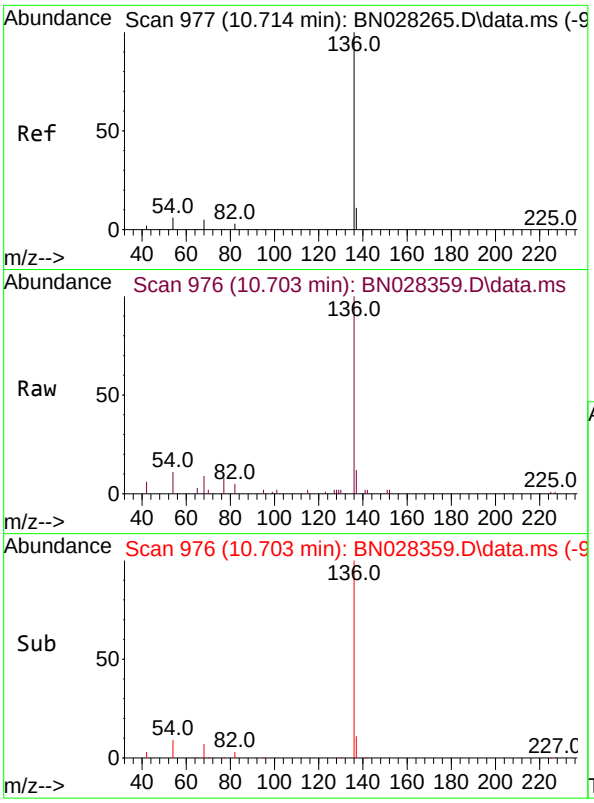


#6
bis(2-Chloroethyl)ether
Concen: 0.146 ng
RT: 7.344 min Scan# 618
Delta R.T. 0.022 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion: 93 Resp: 1357

Ion	Ratio	Lower	Upper
93	100		
63	38.7	62.6	93.8#
95	20.1	27.2	40.8#



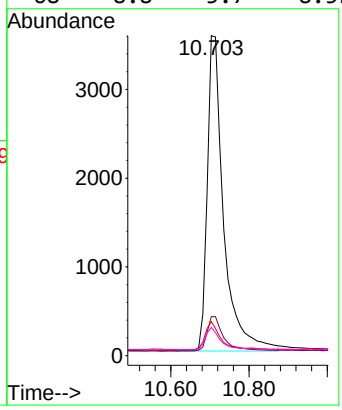


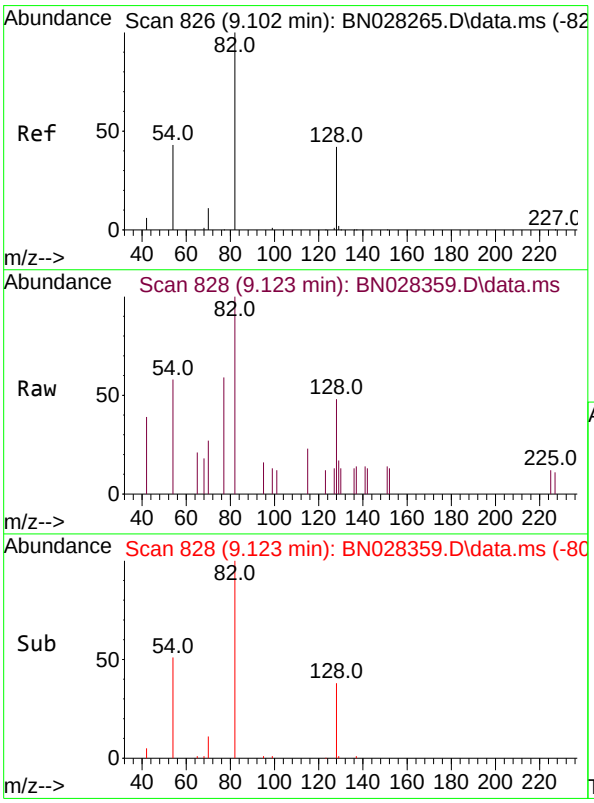
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:136 Resp: 10307

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.8
54	10.6	6.2	9.4#
68	8.8	5.7	8.5#

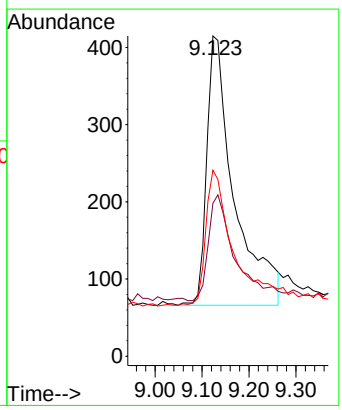


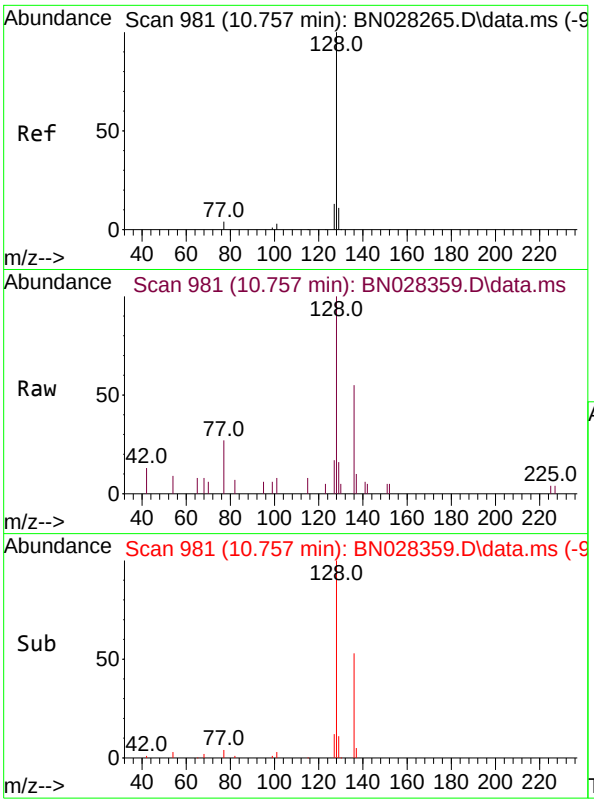


#8
Nitrobenzene-d5
Concen: 0.155 ng
RT: 9.123 min Scan# 828
Delta R.T. 0.021 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion: 82 Resp: 1420

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.8	55.2
54	58.1	37.4	56.2#



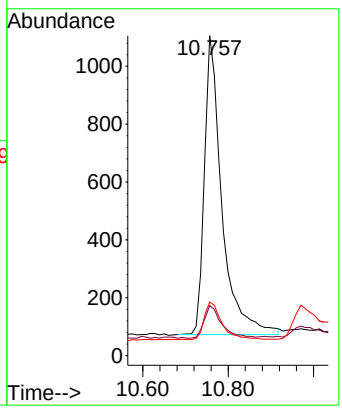


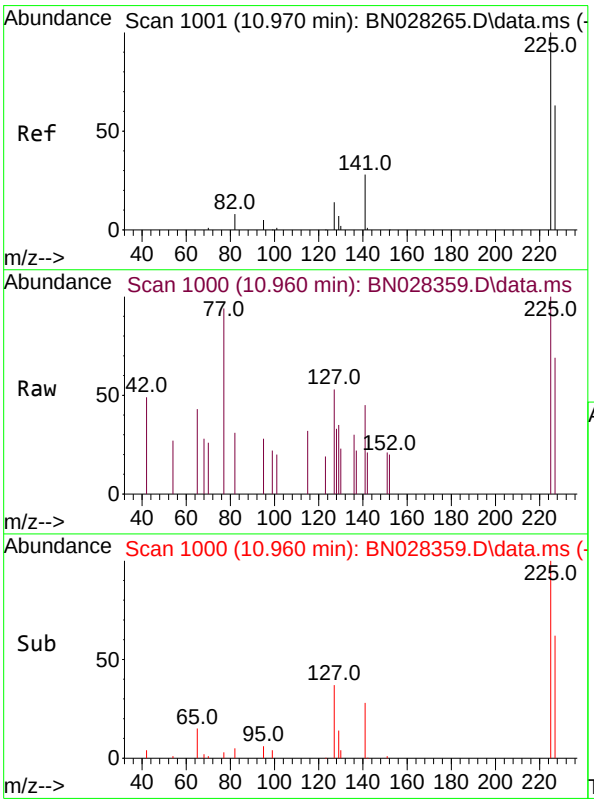
#9
Naphthalene
Concen: 0.110 ng
RT: 10.757 min Scan# 98
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:128 Resp: 2945

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.8	14.6#
127	16.7	11.4	17.0

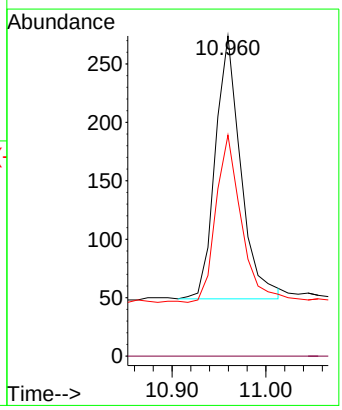


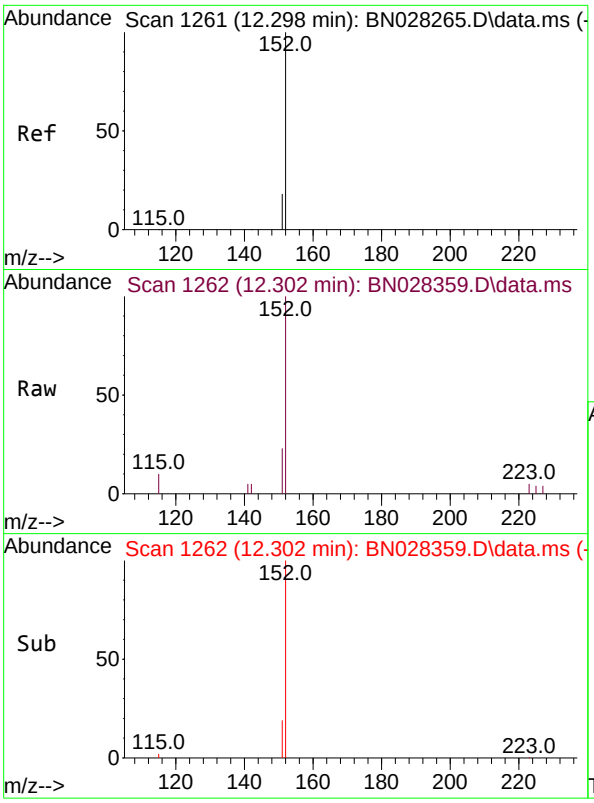


#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 10.960 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:225 Resp: 424

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.6	77.4



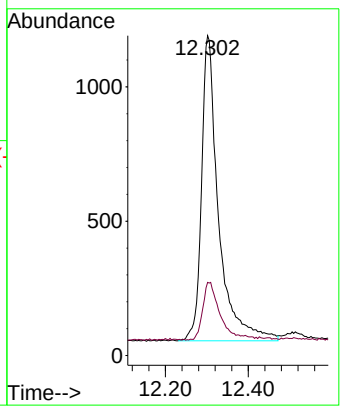


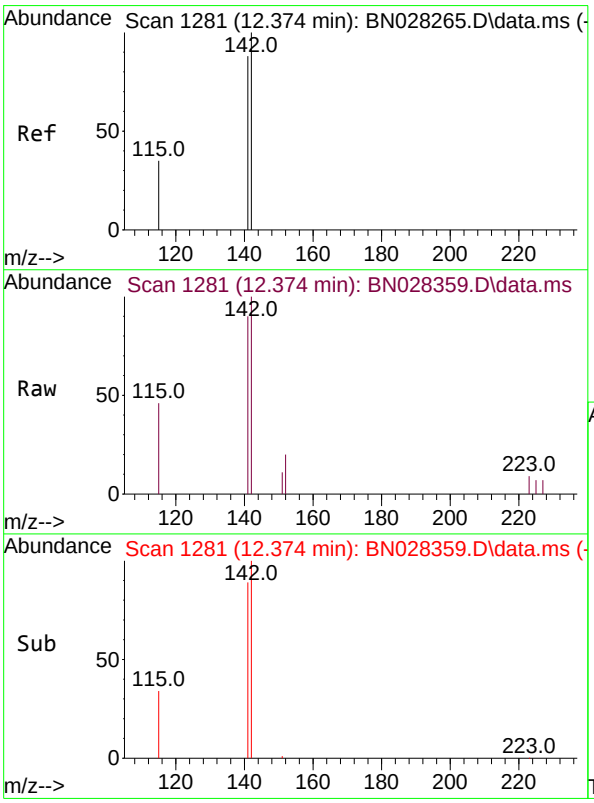
#11
2-Methylnaphthalene-d10
Concen: 0.209 ng
RT: 12.302 min Scan# 1
Delta R.T. 0.008 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:152 Resp: 3236

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1

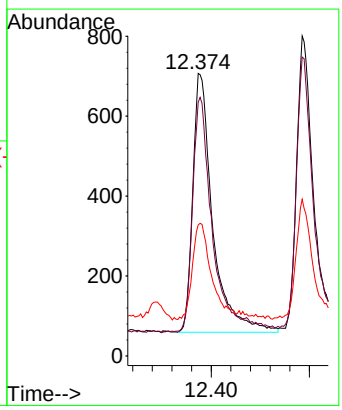


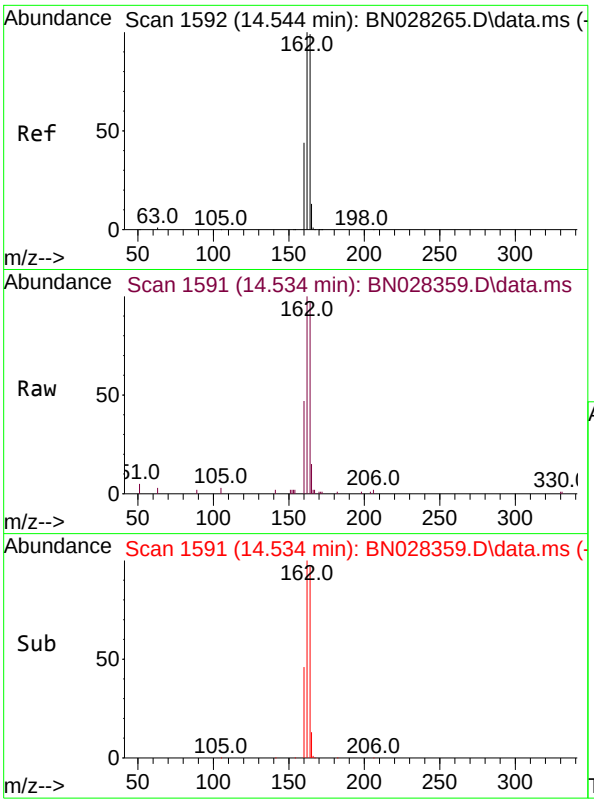


#12
2-Methylnaphthalene
Concen: 0.096 ng
RT: 12.374 min Scan# 1281
Delta R.T. 0.004 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:142 Resp: 1830

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.1	106.7
115	46.4	29.9	44.9#



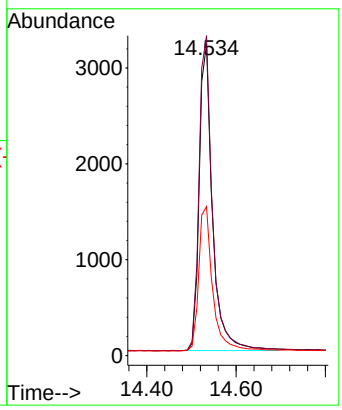


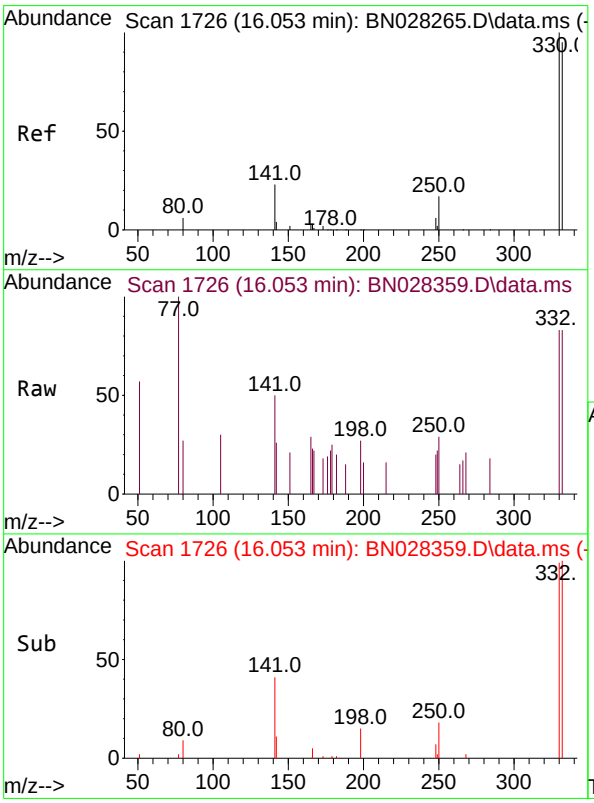
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:164 Resp: 6604

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.1	121.7
160	47.8	36.6	54.8

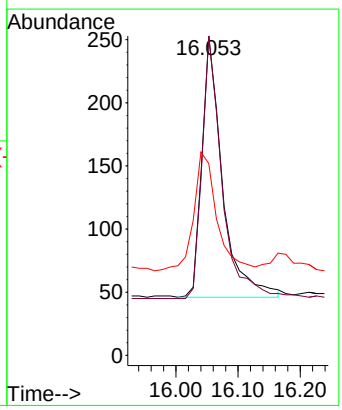


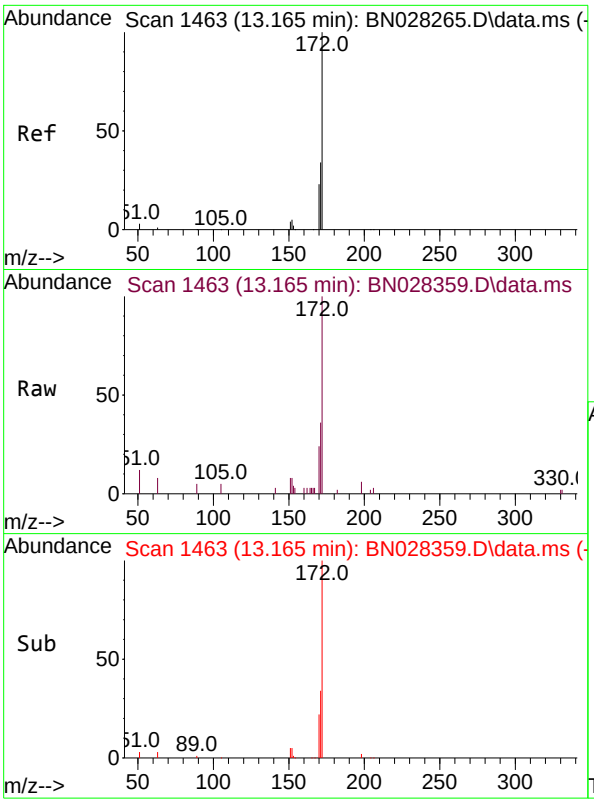


#14
2,4,6-Tribromophenol
Concen: 0.147 ng
RT: 16.053 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:330 Resp: 474

Ion	Ratio	Lower	Upper
330	100		
332	96.6	74.1	111.1
141	45.1	32.1	48.1



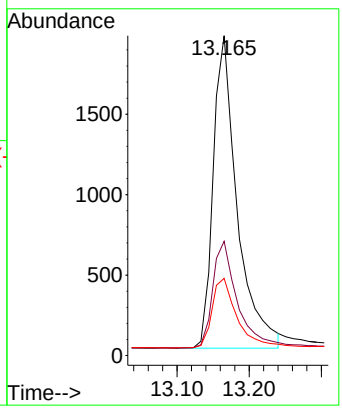


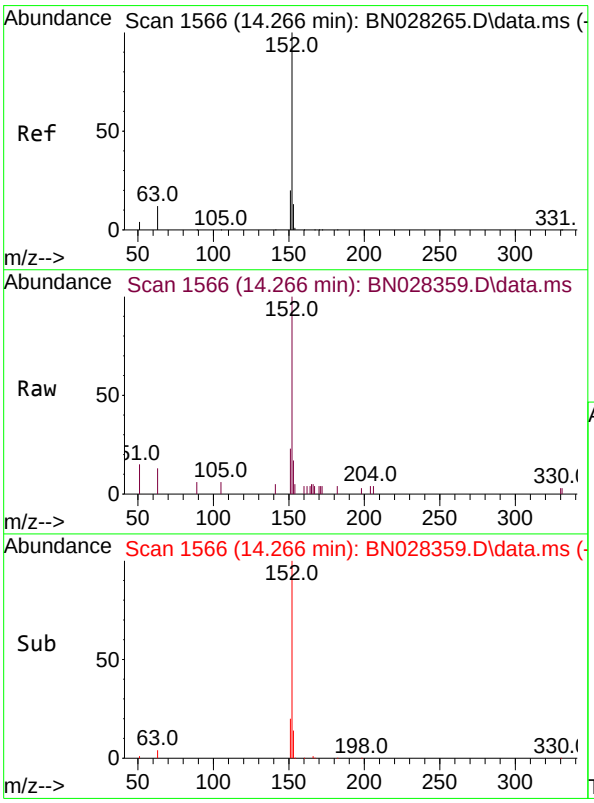
#15
2-Fluorobiphenyl
Concen: 0.193 ng
RT: 13.165 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:172 Resp: 4491

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.1	18.7	28.1

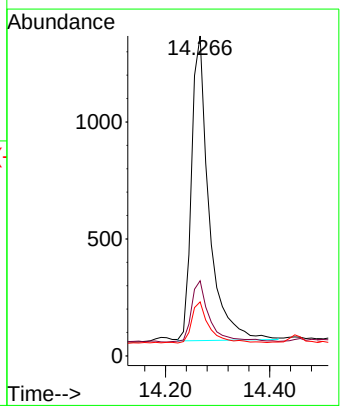


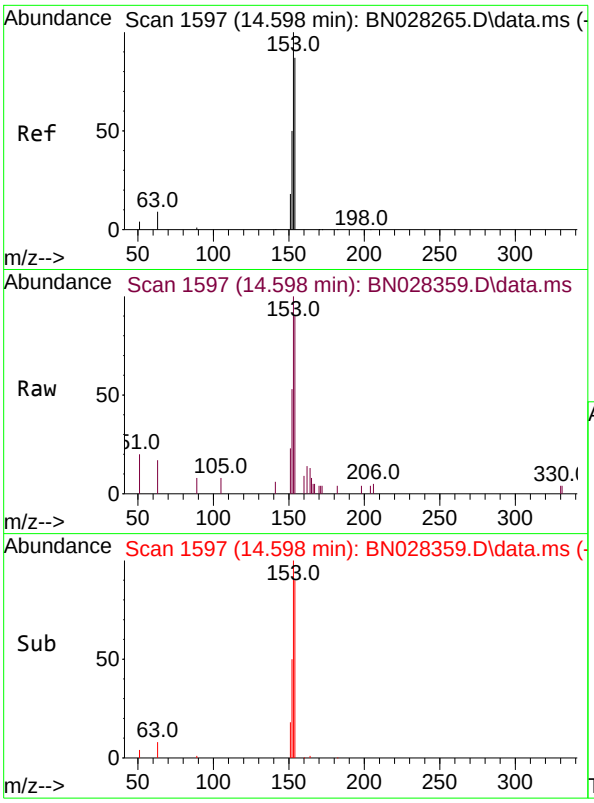


#16
Acenaphthylene
Concen: 0.102 ng
RT: 14.266 min Scan# 1566
Delta R.T. 0.011 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:152 Resp: 3026

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.6	23.4
153	14.4	10.6	16.0



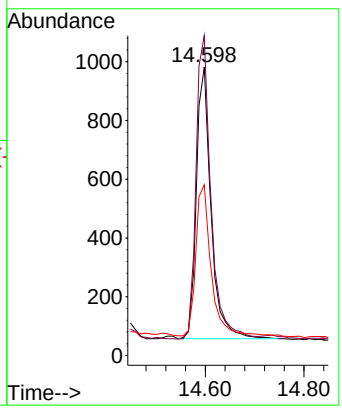


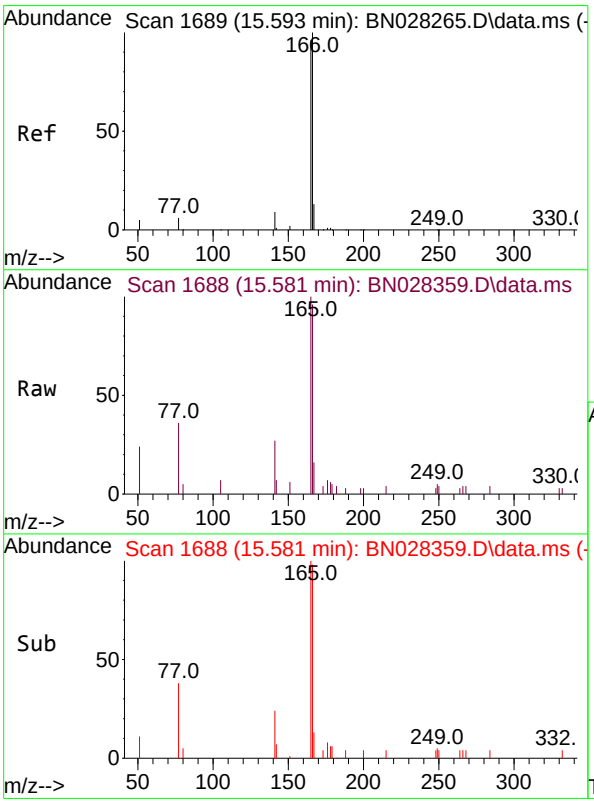
#17
Acenaphthene
Concen: 0.102 ng
RT: 14.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:154 Resp: 1904

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.7	136.1
152	58.5	43.6	65.4

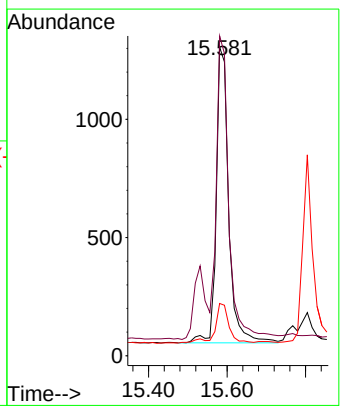


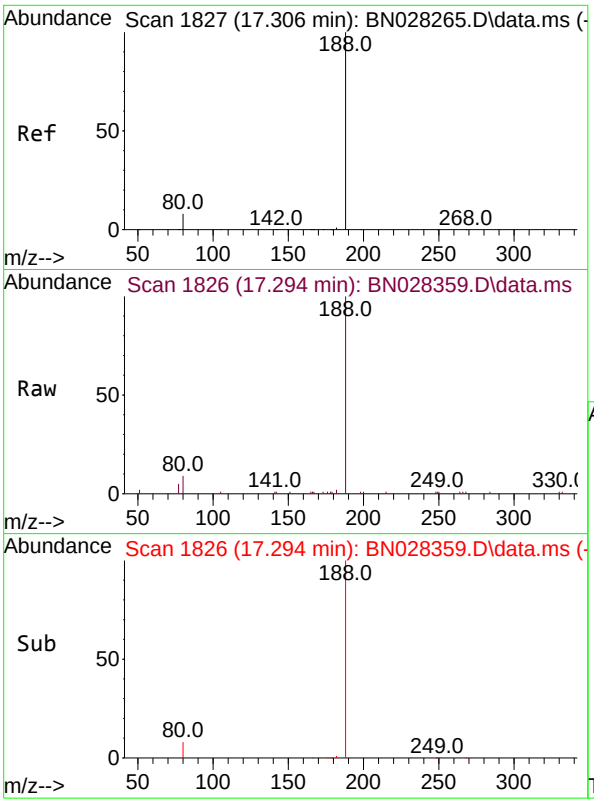


#18
Fluorene
Concen: 0.110 ng
RT: 15.581 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:166 Resp: 2696

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.3	118.9
167	15.0	10.9	16.3



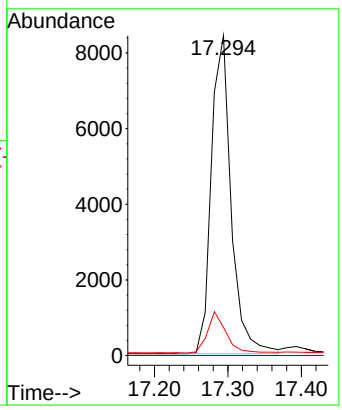


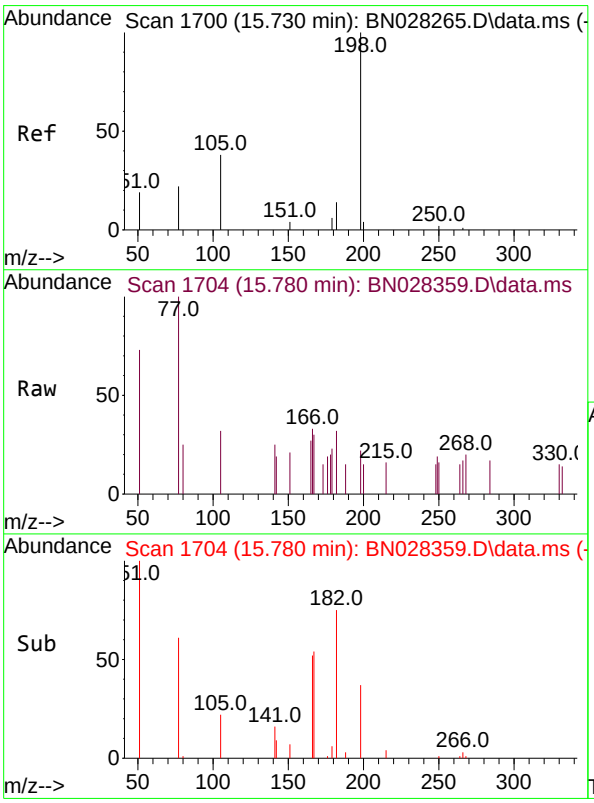
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:188 Resp: 15802

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.1	10.7

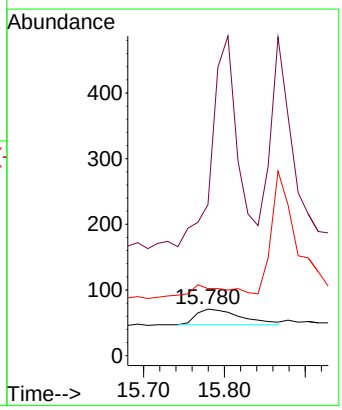


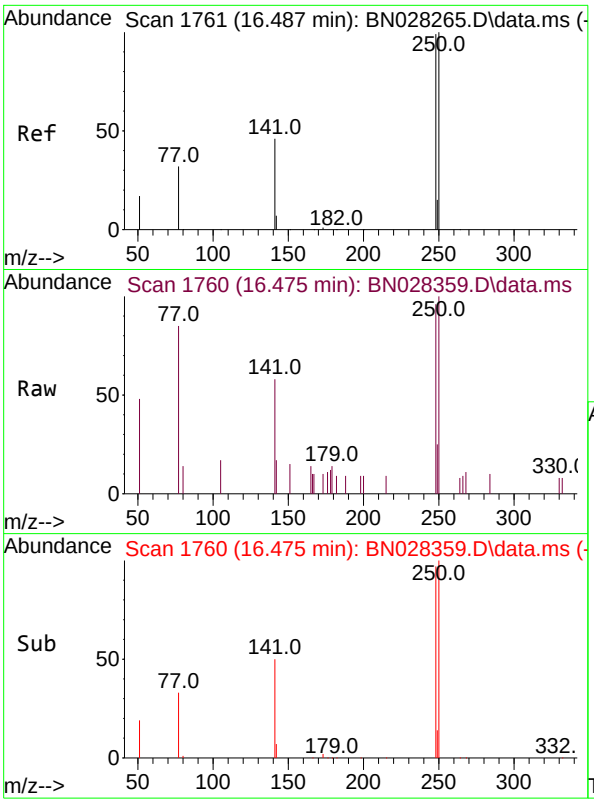


#20
4,6-Dinitro-2-methylphenol
Concen: 0.268 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.025 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:198 Resp: 92

Ion	Ratio	Lower	Upper
198	100		
51	323.9	96.1	144.1#
105	143.7	75.4	113.0#



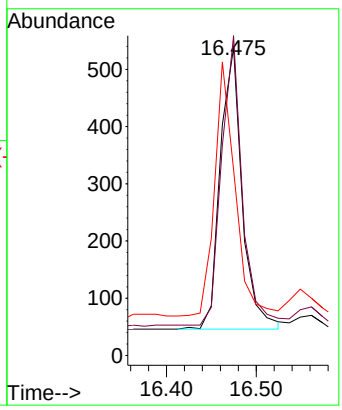


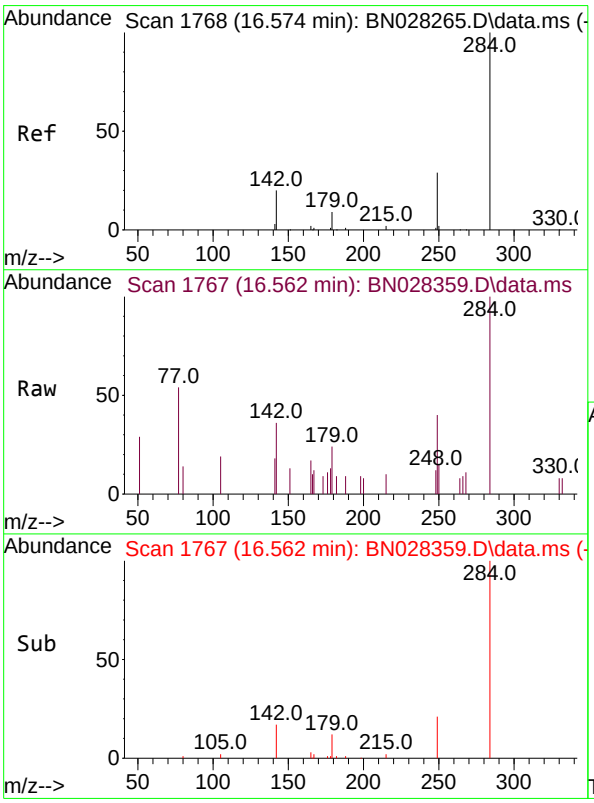
#21
4-Bromophenyl-phenylether
Concen: 0.103 ng
RT: 16.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:248 Resp: 836

Ion	Ratio	Lower	Upper
248	100		
250	103.9	80.5	120.7
141	60.4	38.9	58.3#

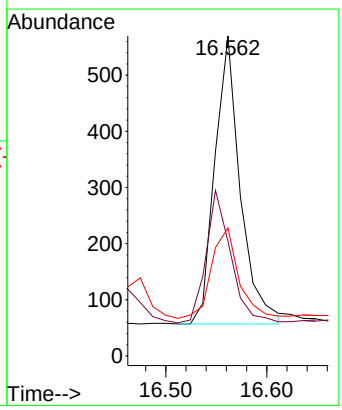


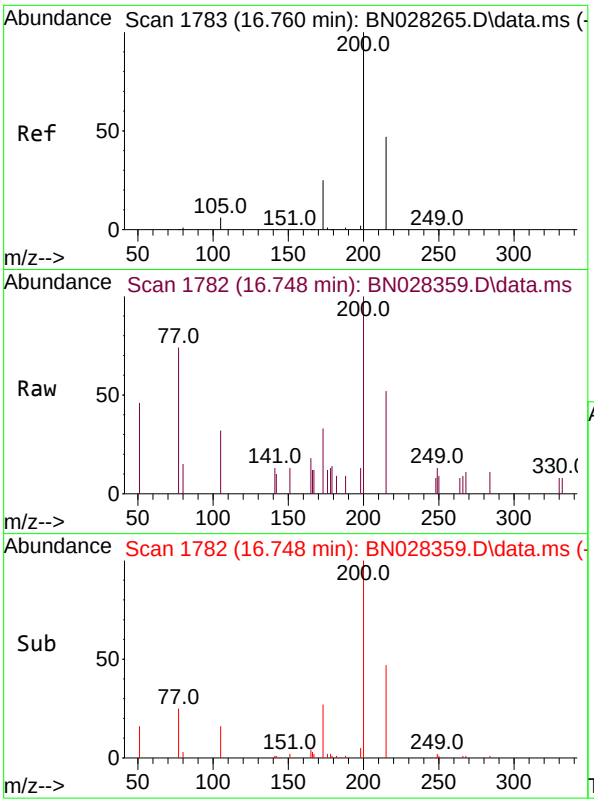


#22
Hexachlorobenzene
Concen: 0.107 ng
RT: 16.562 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:284 Resp: 900

Ion	Ratio	Lower	Upper
284	100		
142	44.4	32.1	48.1
249	33.8	25.5	38.3



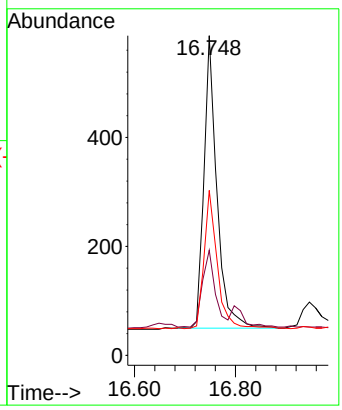


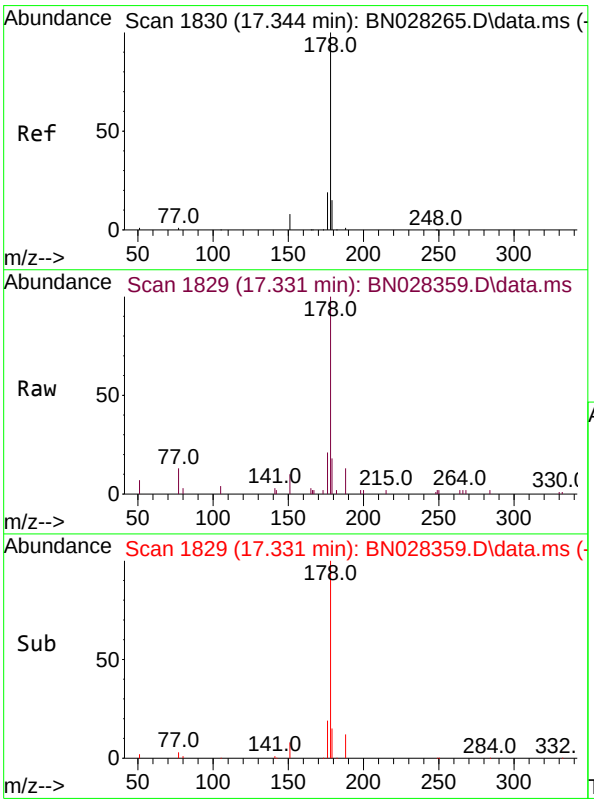
#23
Atrazine
Concen: 0.125 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:200 Resp: 953

Ion	Ratio	Lower	Upper
200	100		
173	32.9	21.6	32.4#
215	51.6	39.0	58.6

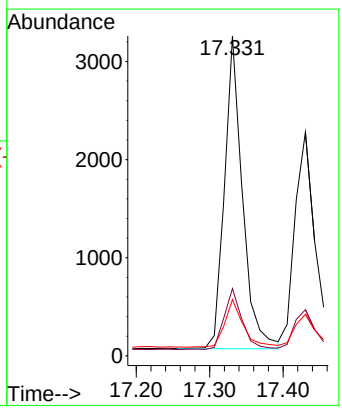


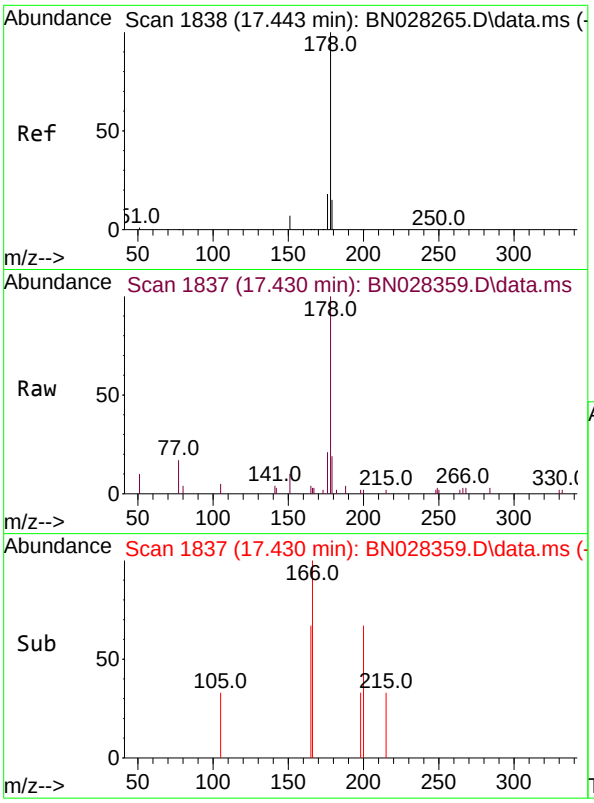


#25
Phenanthrene
Concen: 0.126 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:178 Resp: 5457

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.6	12.5	18.7



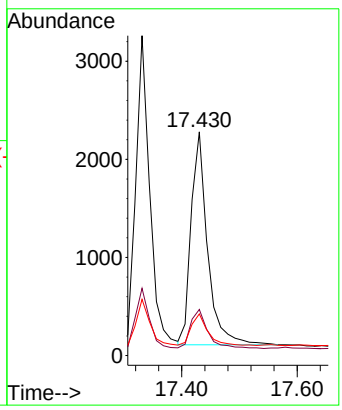


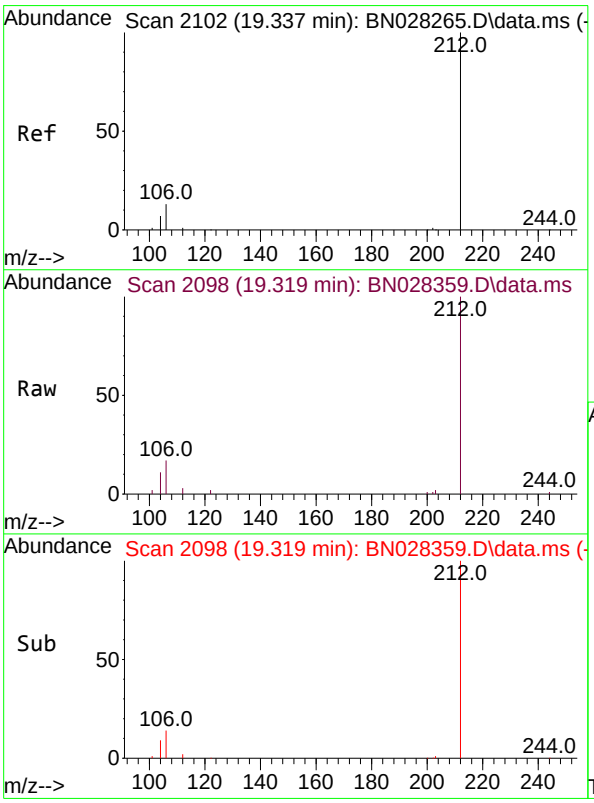
#26
Anthracene
Concen: 0.104 ng
RT: 17.430 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:178 Resp: 4309

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	14.7	12.2	18.4

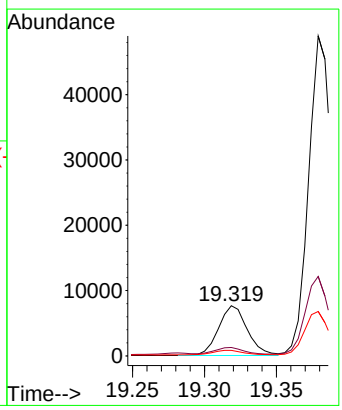


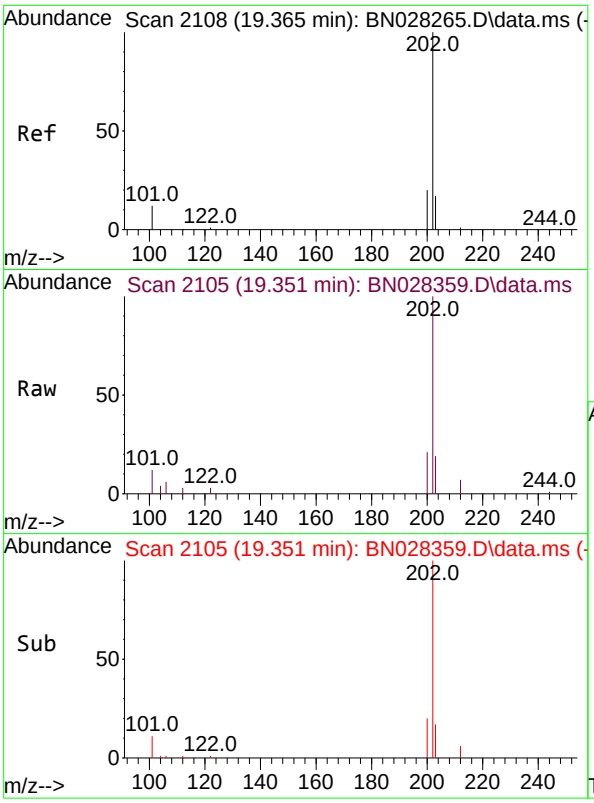


#27
Fluoranthene-d10
Concen: 0.250 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:212 Resp: 10574

Ion	Ratio	Lower	Upper
212	100		
106	12.5	11.5	17.3
104	10.0	6.7	10.1



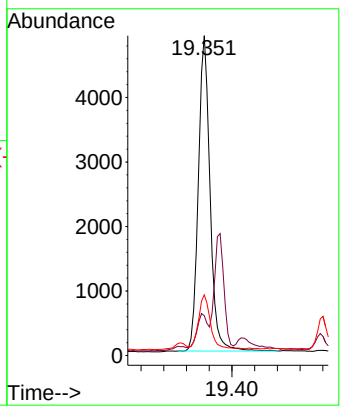


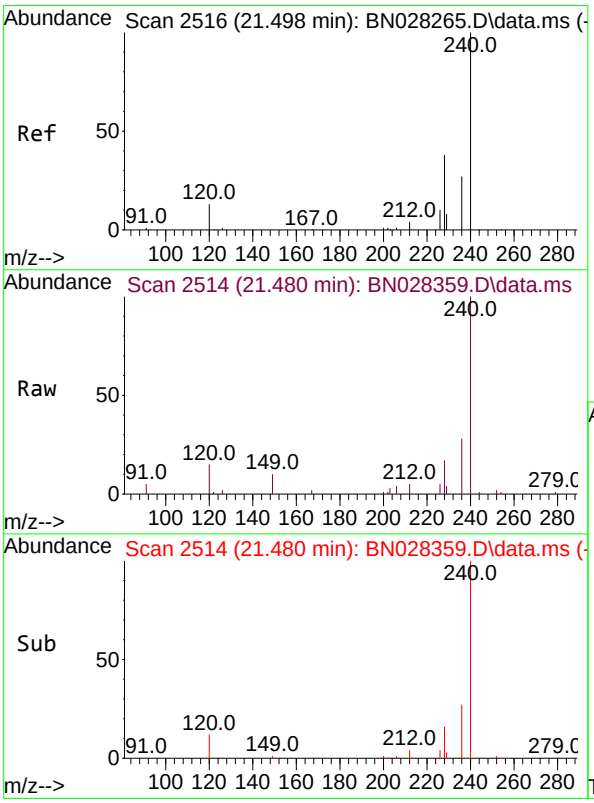
#28
Fluoranthene
Concen: 0.128 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:202 Resp: 6965

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.1	15.1
203	17.3	13.9	20.9

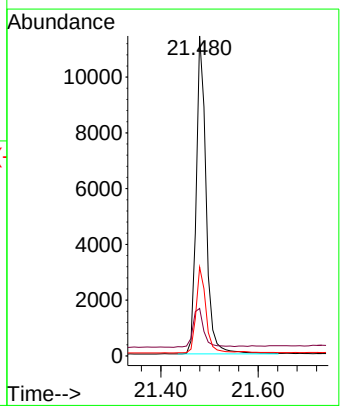


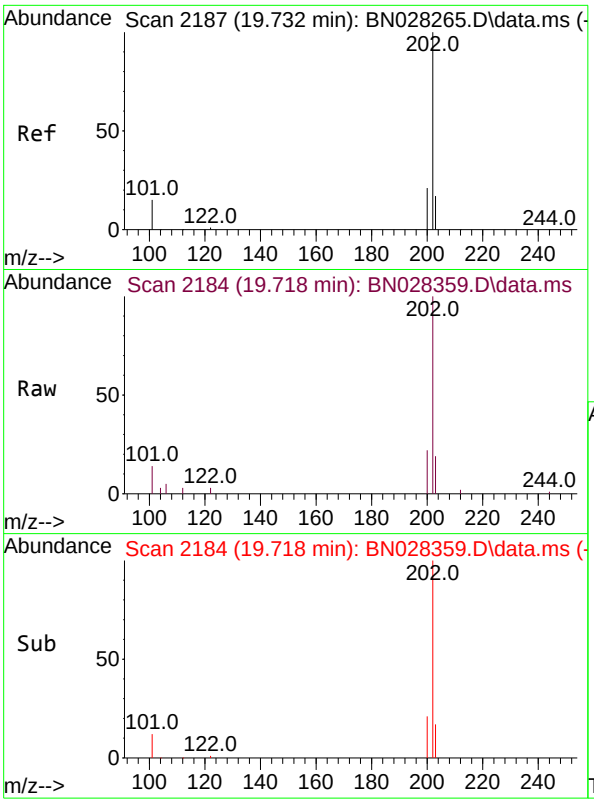


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:240 Resp: 16186

Ion	Ratio	Lower	Upper
240	100		
120	14.8	13.4	20.0
236	27.7	22.7	34.1



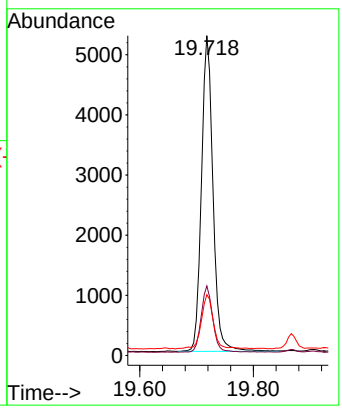


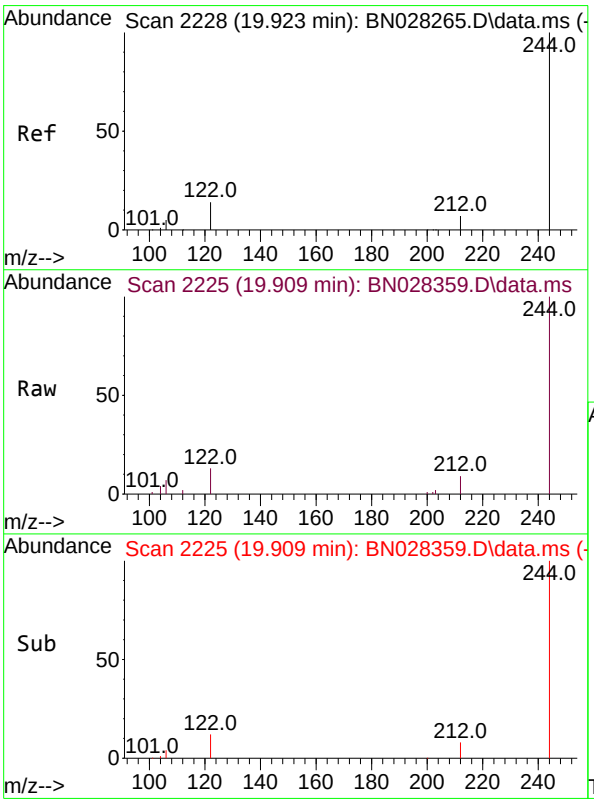
#30
Pyrene
Concen: 0.133 ng
RT: 19.718 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:202 Resp: 7390

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.1	14.5	21.7

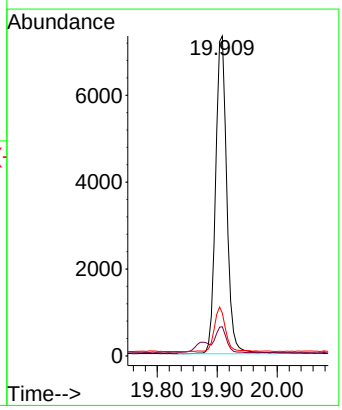


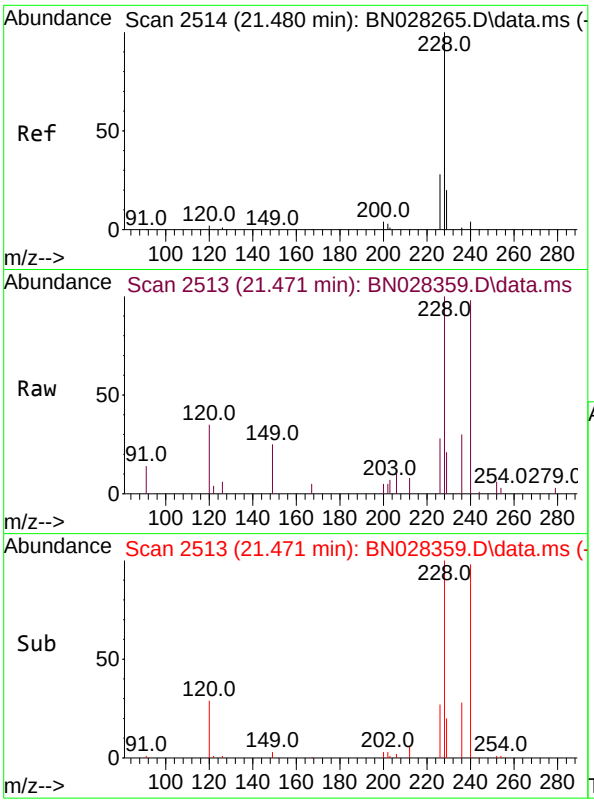


#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:244 Resp: 9476

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.6	10.0
122	13.3	11.7	17.5



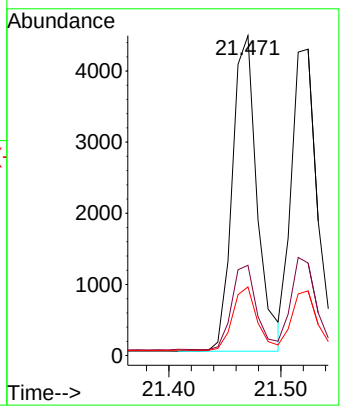


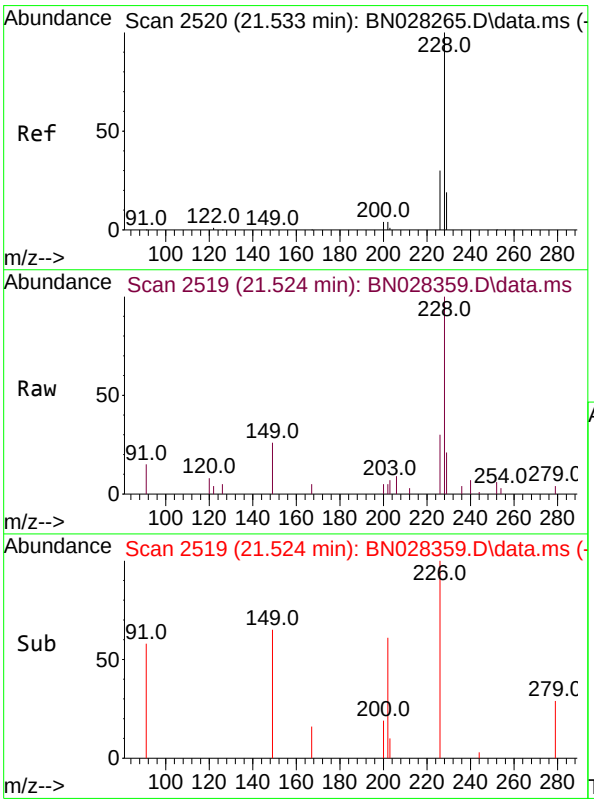
#32
Benzo(a)anthracene
Concen: 0.119 ng
RT: 21.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:228 Resp: 6829

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.9	34.3
229	21.5	16.6	24.8

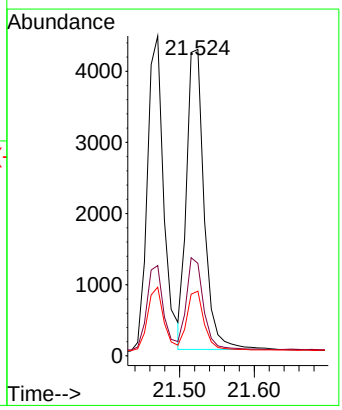


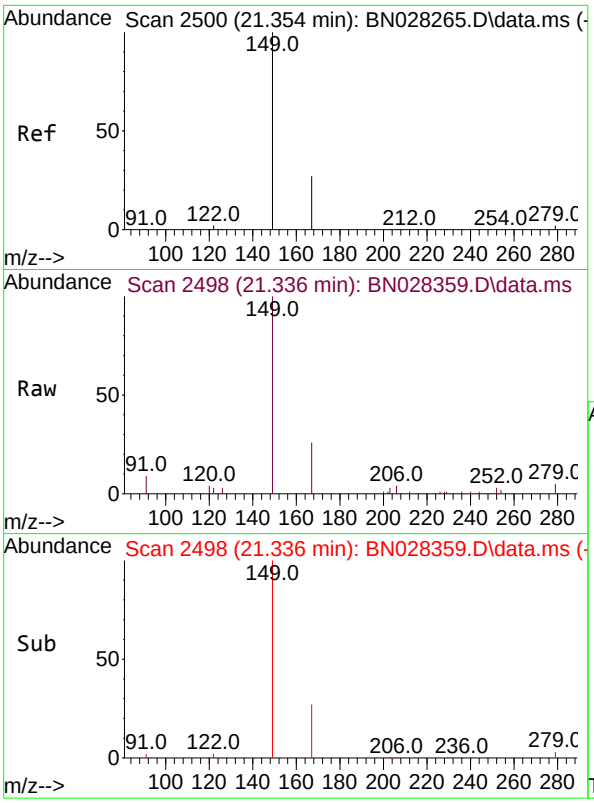


#33
Chrysene
Concen: 0.126 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:228 Resp: 6918

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.2	37.8
229	21.1	16.6	25.0



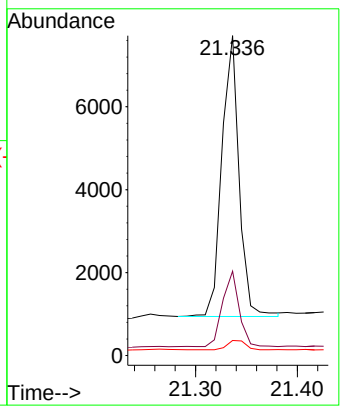


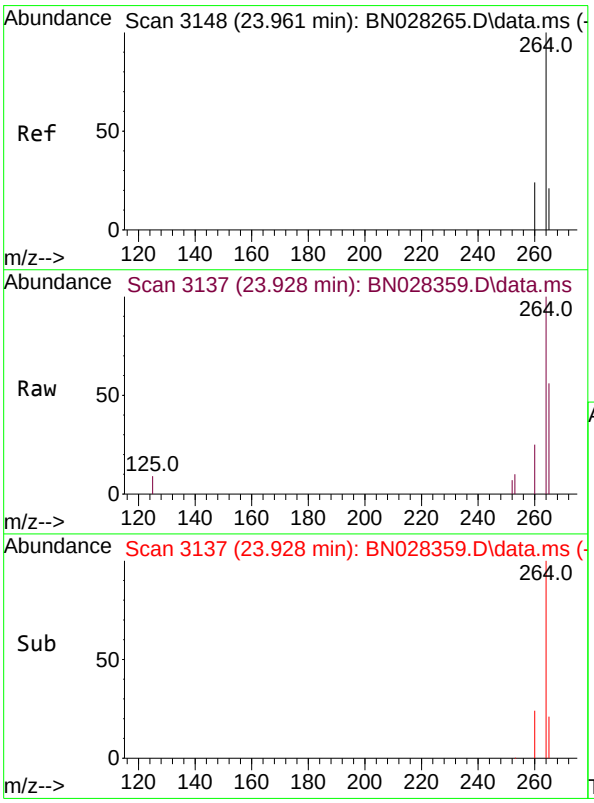
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.182 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:149 Resp: 7973

Ion	Ratio	Lower	Upper
149	100		
167	25.8	22.6	34.0
279	3.6	4.2	6.2#

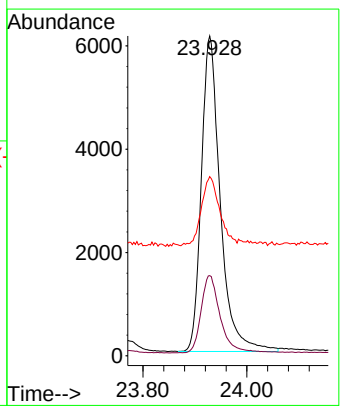


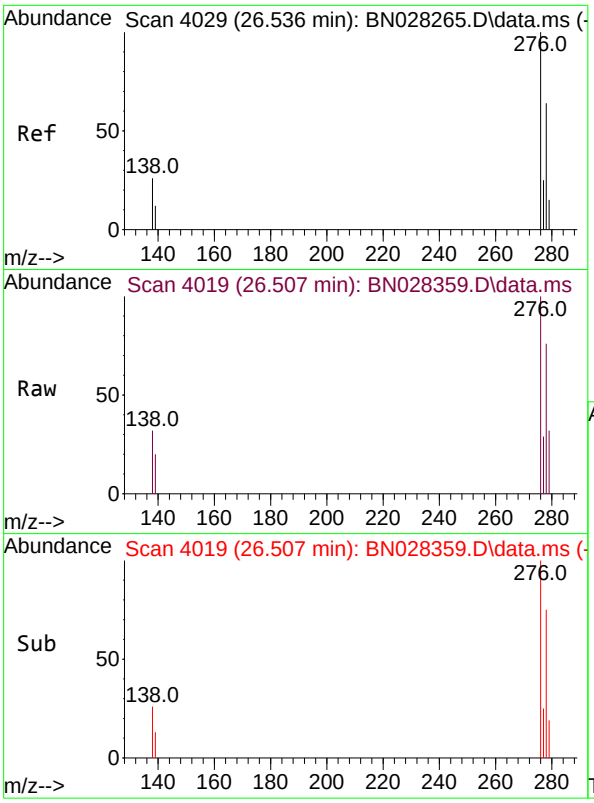


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.928 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:264 Resp: 15406

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.7	31.1
265	56.0	38.3	57.5



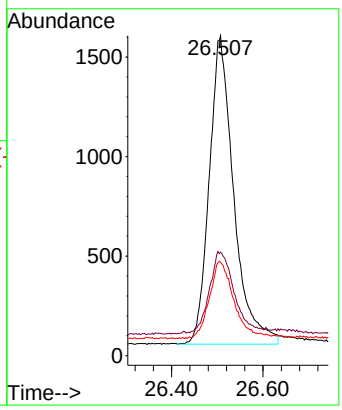


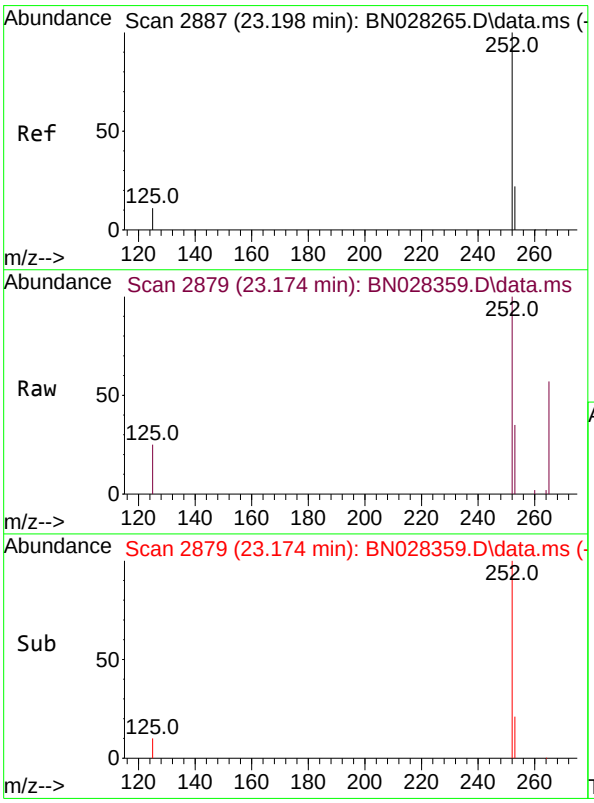
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng
RT: 26.507 min Scan# 40
Delta R.T. 0.003 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:276 Resp: 5756

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.3	31.9
277	23.9	20.0	30.0

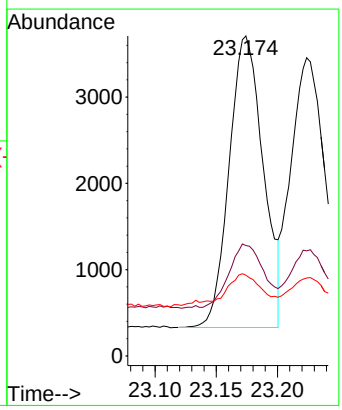


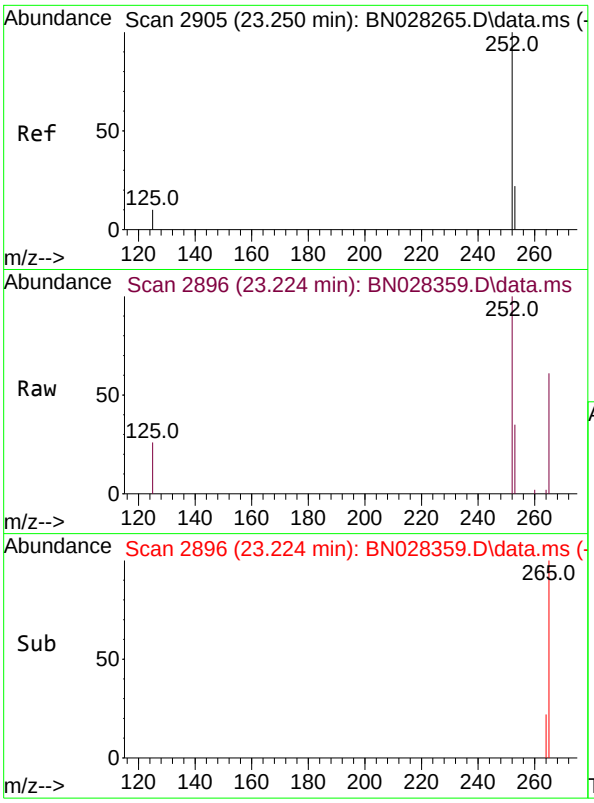


#37
Benzo(b)fluoranthene
Concen: 0.136 ng
RT: 23.174 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:252 Resp: 6549

Ion	Ratio	Lower	Upper
252	100		
253	34.5	21.8	32.8#
125	25.3	15.6	23.4#



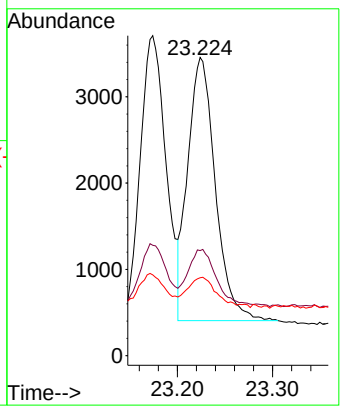


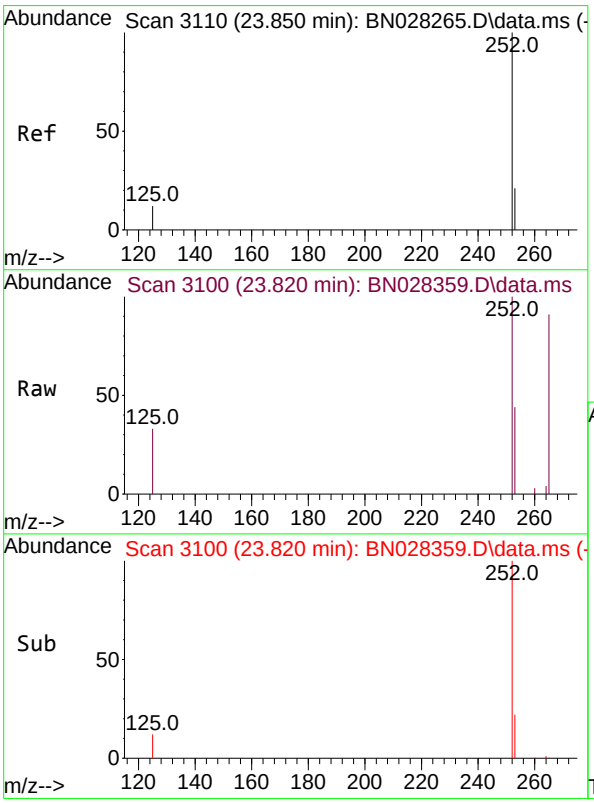
#38
Benzo(k)fluoranthene
Concen: 0.126 ng
RT: 23.224 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:252 Resp: 6151

Ion	Ratio	Lower	Upper
252	100		
253	35.2	22.0	33.0#
125	26.1	15.3	22.9#

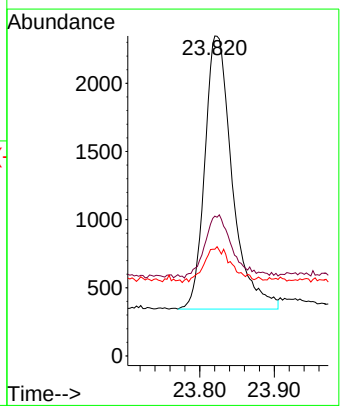


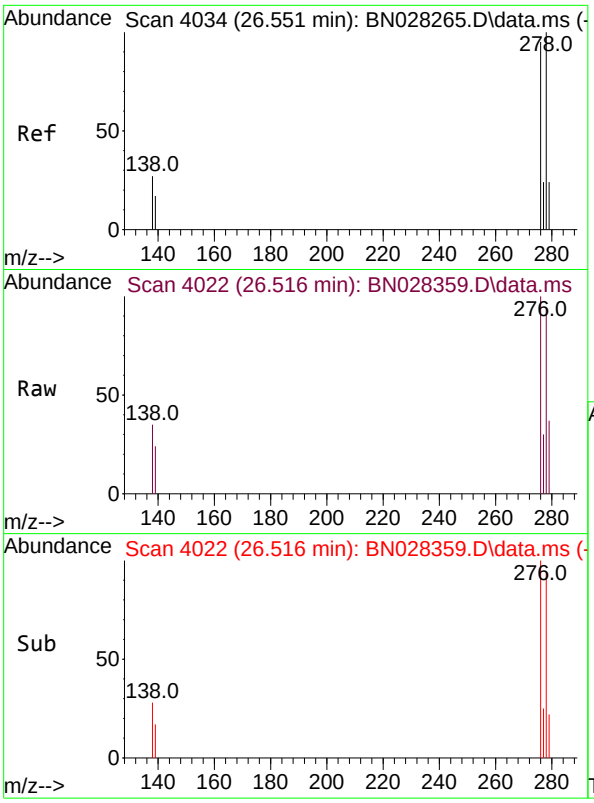


#39
Benzo(a)pyrene
Concen: 0.107 ng
RT: 23.820 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:252 Resp: 5118

Ion	Ratio	Lower	Upper
252	100		
253	43.7	22.7	34.1#
125	33.3	17.0	25.6#



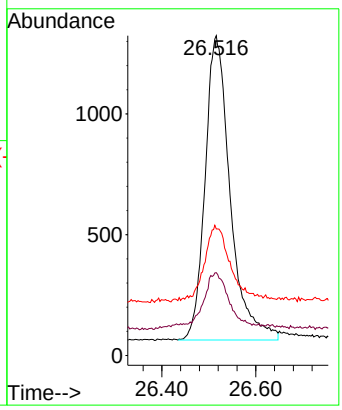


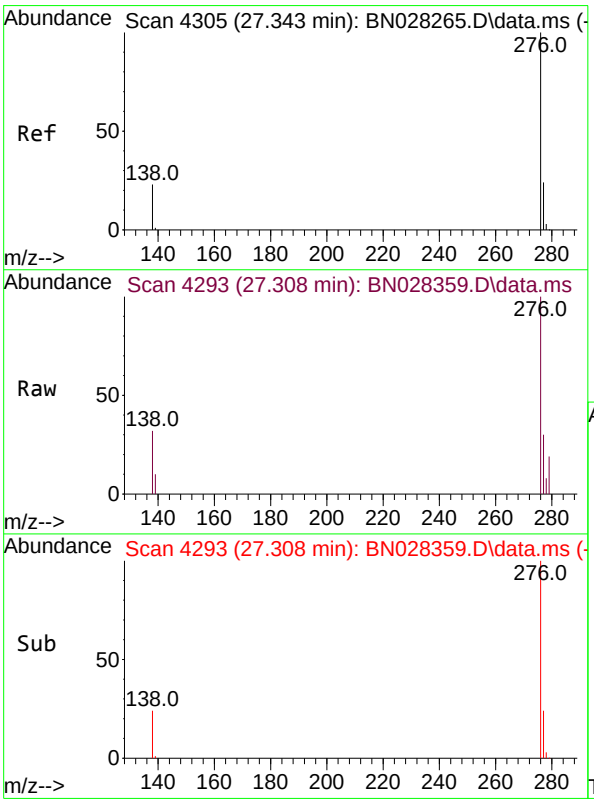
#40
Dibenzo(a,h)anthracene
Concen: 0.093 ng
RT: 26.516 min Scan# 40
Delta R.T. -0.003 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-230-250-101923

Tgt Ion:278 Resp: 4676

Ion	Ratio	Lower	Upper
278	100		
139	25.9	18.8	28.2
279	39.6	23.5	35.3#





#41
Benzo(g,h,i)perylene
Concen: 0.094 ng
RT: 27.308 min Scan# 4293
Delta R.T. 0.003 min
Lab File: BN028359.D
Acq: 23 Oct 2023 23:49

Tgt Ion:276 Resp: 4875

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.7	32.5
138	31.8	21.7	32.5