Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028356.D
Acq On : 23 Oct 2023 22:01
Operator : MA/JU
Sample : 05003-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Quant Time: Oct 24 03:21:15 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	7.878	152	2754	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	9128	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	5903	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	14160	0.400	ng	#-0.01
29) Chrysene-d12	21.489	240	14197	0.400	ng	# 0.00
35) Perylene-d12	23.934	264	13928	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.437	112	621	0.073	ng	0.00
5) Phenol-d6	7.091	99	445	0.042	ng	0.04
8) Nitrobenzene-d5	9.112	82	1717	0.212	ng	0.01
11) 2-Methylnaphthalene-d10	12.294	152	3230	0.235	ng	0.00
14) 2,4,6-Tribromophenol	16.040	330	506	0.176	ng	-0.02
15) 2-Fluorobiphenyl	13.154	172	4939	0.238	ng	-0.01
27) Fluoranthene-d10	19.319	212	10880	0.287	ng	0.00
31) Terphenyl-d14	19.909	244	9472	0.314	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	305	0.092	ng	# 75
3) n-Nitrosodimethylamine	3.668	42	221	0.061	ng	# 66
9) Naphthalene	10.757	128	3210	0.136	ng	# 94
10) Hexachlorobutadiene	10.959	225	371	0.091	ng	# 100
12) 2-Methylnaphthalene	12.370	142	1774	0.105	ng	# 95
16) Acenaphthylene	14.256	152	3335	0.126	ng	98
17) Acenaphthene	14.587	154	1893	0.113	ng	96
18) Fluorene	15.581	166	2855	0.130	ng	98
21) 4-Bromophenyl-phenylether	16.462	248	883	0.121	ng	# 70
22) Hexachlorobenzene	16.561	284	894	0.119	ng	94
23) Atrazine	16.748	200	1048	0.153	ng	95
25) Phenanthrene	17.331	178	5786	0.149	ng	97
26) Anthracene	17.418	178	4558	0.123	ng	99
28) Fluoranthene	19.351	202	7473	0.153	ng	99
30) Pyrene	19.718	202	7810	0.161	ng	100
32) Benzo(a)anthracene	21.471	228	6958	0.138	ng	99
33) Chrysene	21.524	228	7036	0.146	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	7410	0.192	ng	# 96
36) Indeno(1,2,3-cd)pyrene	26.504	276	6628	0.118	ng	98
37) Benzo(b)fluoranthene	23.174	252	6796	0.156	ng	# 87
38) Benzo(k)fluoranthene	23.227	252	6392	0.144	ng	# 85
39) Benzo(a)pyrene	23.826	252	5519	0.127	ng	# 75
40) Dibenzo(a,h)anthracene	26.519	278	5328	0.117	ng	# 89
41) Benzo(g,h,i)perylene	27.308	276	5561	0.118	ng	94

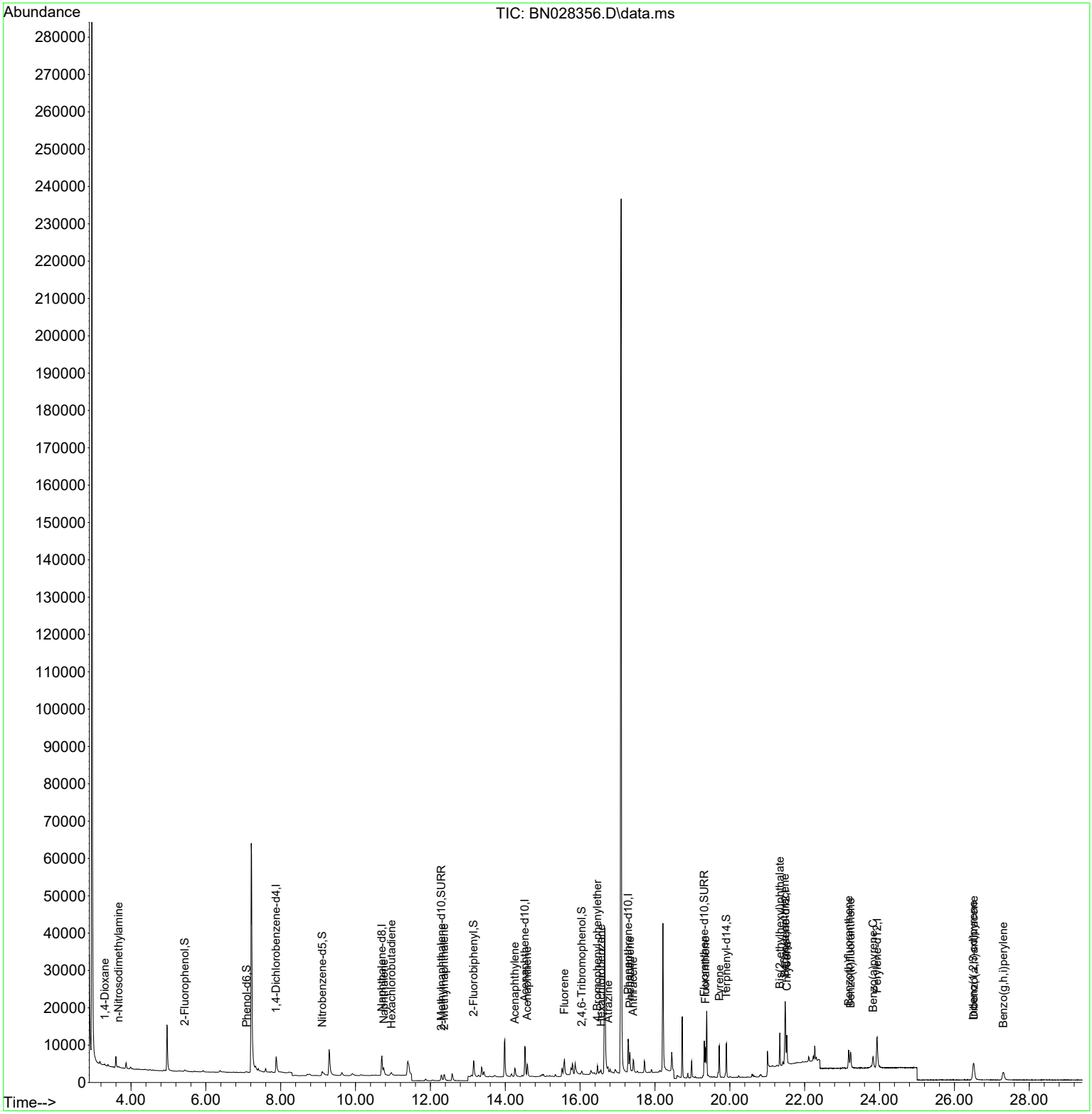
(#) = qualifier out of range (m) = manual integration (+) = signals summed

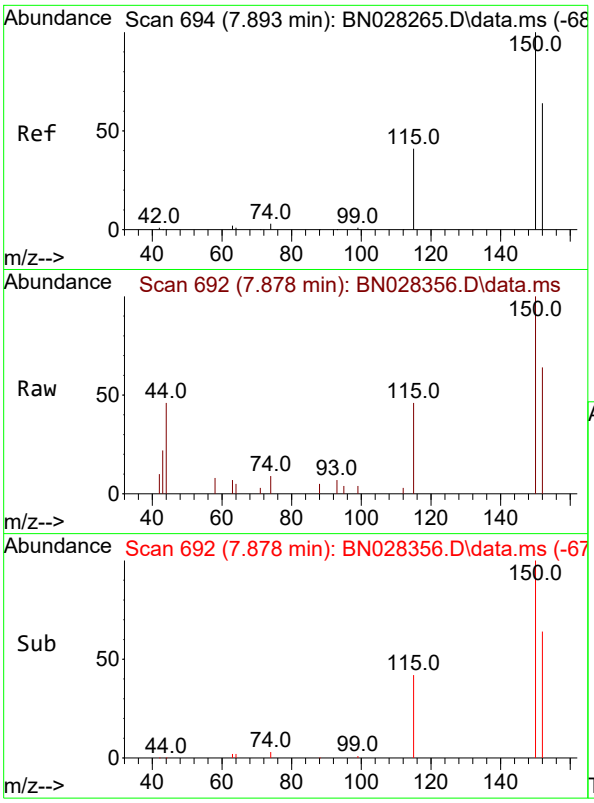
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028356.D
Acq On : 23 Oct 2023 22:01
Operator : MA/JU
Sample : 05003-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Quant Time: Oct 24 03:21:15 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



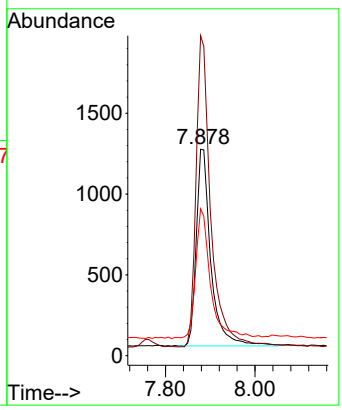


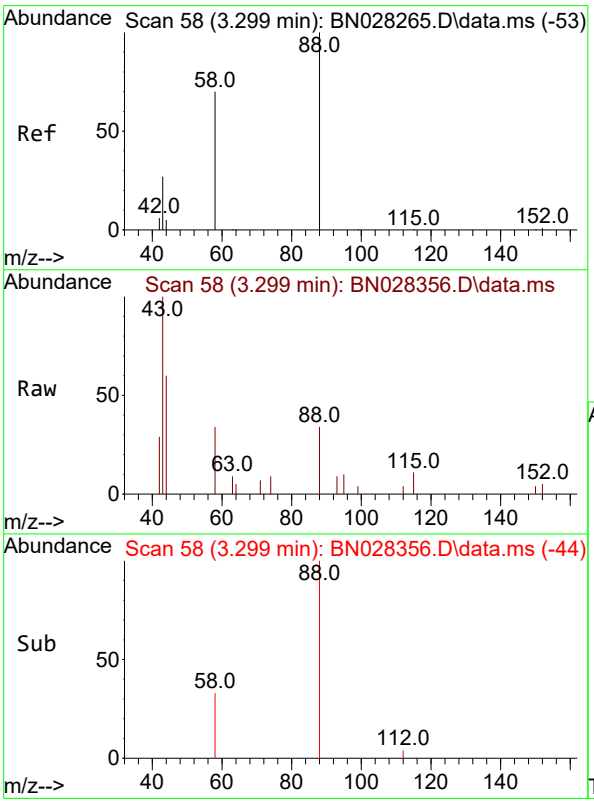
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:152 Resp: 2754

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.6	182.4
115	71.2	54.3	81.5

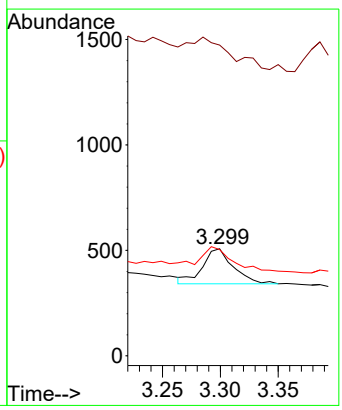


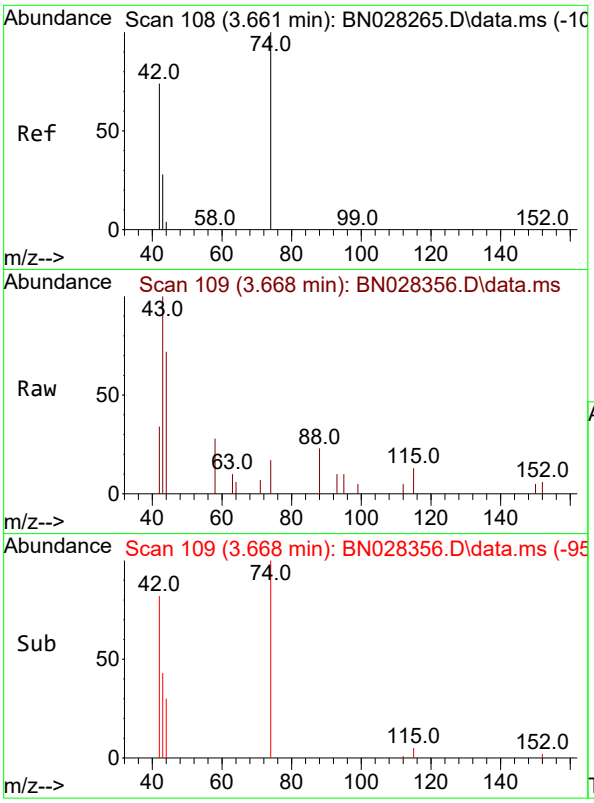


#2
1,4-Dioxane
Concen: 0.092 ng
RT: 3.299 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion: 88 Resp: 305

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	76.7	55.4	83.0



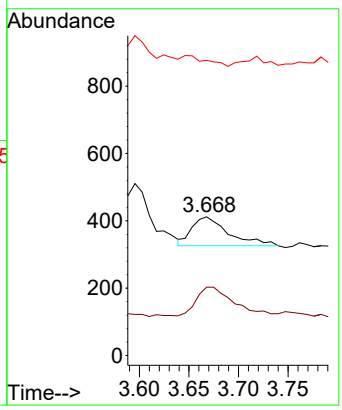


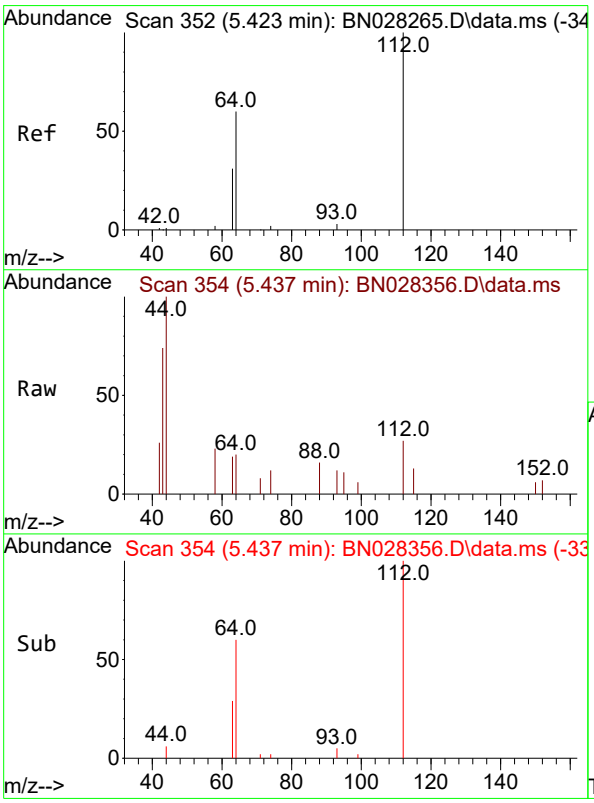
#3
n-Nitrosodimethylamine
Concen: 0.061 ng
RT: 3.668 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion: 42 Resp: 221

Ion	Ratio	Lower	Upper
42	100		
74	99.1	112.6	168.8#
44	0.0	7.8	11.6#

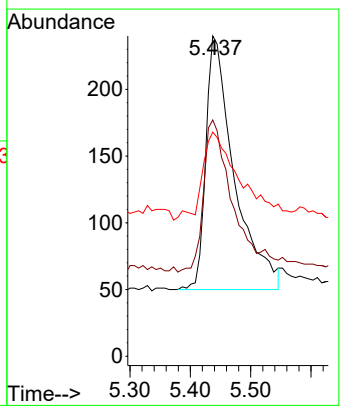


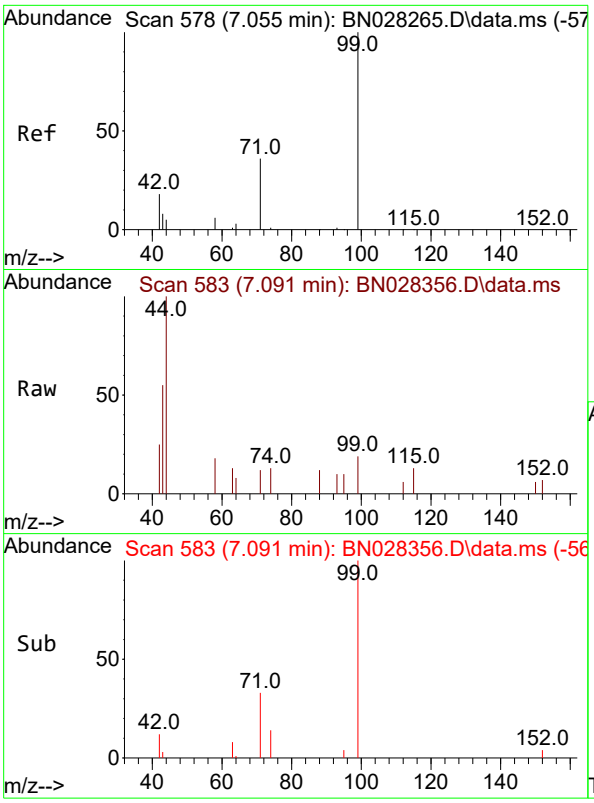


#4
2-Fluorophenol
Concen: 0.073 ng
RT: 5.437 min Scan# 354
Delta R.T. 0.007 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:112 Resp: 621

Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.9	70.3
63	45.7	25.0	37.4#



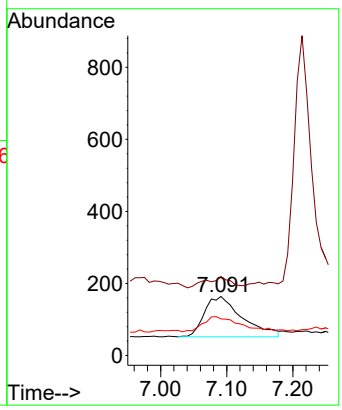


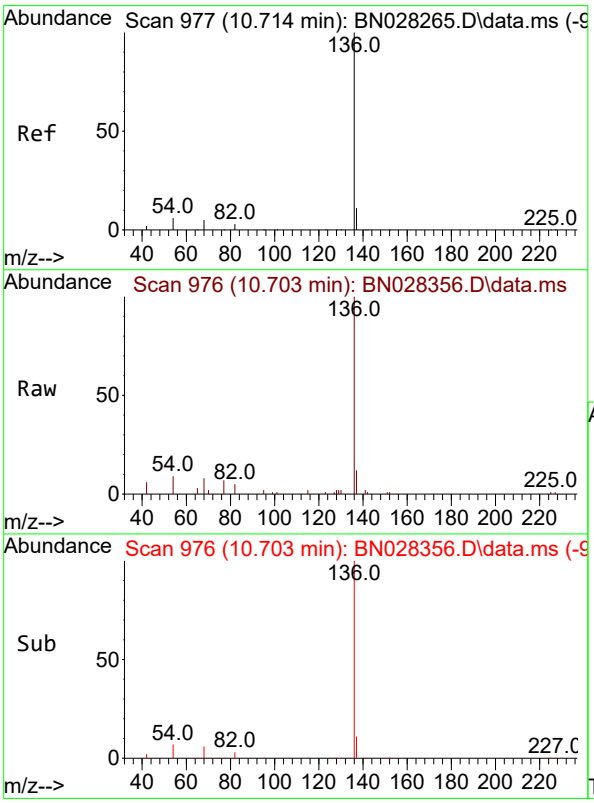
#5
Phenol-d6
Concen: 0.042 ng
RT: 7.091 min Scan# 5
Delta R.T. 0.036 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion: 99 Resp: 445

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.9	23.9
71	36.0	28.6	42.8

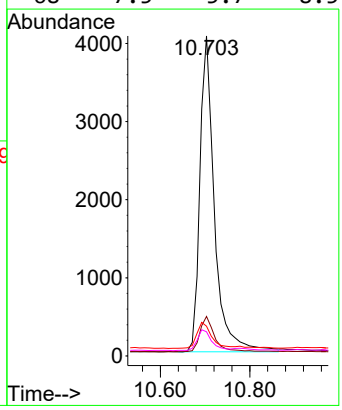


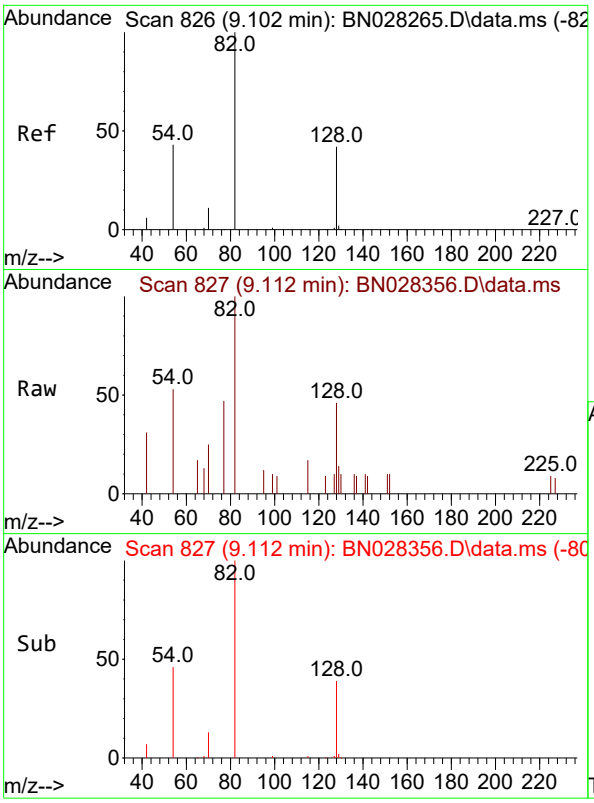


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:136 Resp: 9128

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.8	14.8
54	9.3	6.2	9.4
68	7.5	5.7	8.5



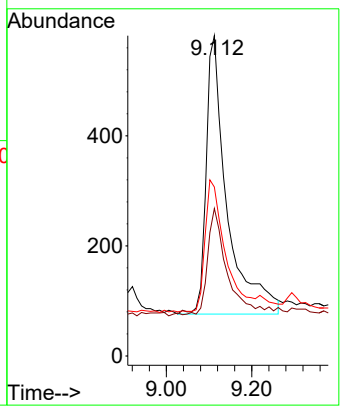


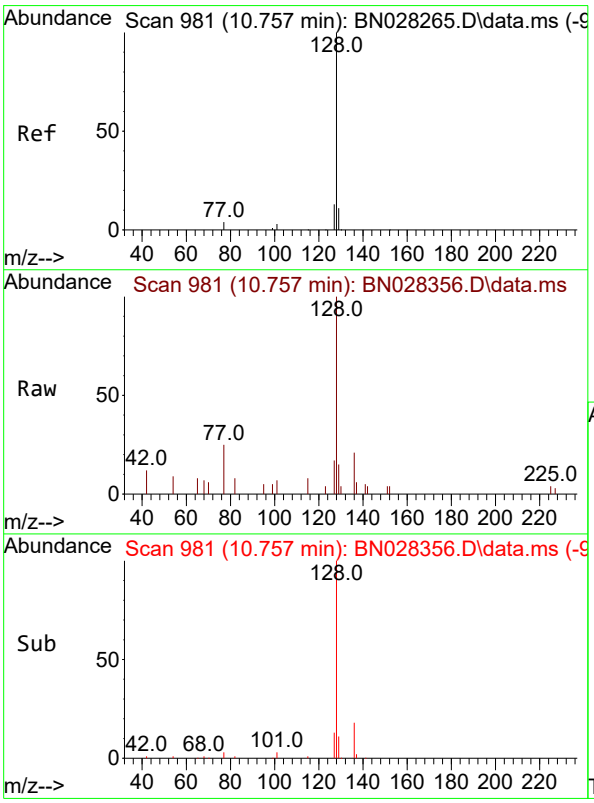
#8
Nitrobenzene-d5
Concen: 0.212 ng
RT: 9.112 min Scan# 8
Delta R.T. 0.011 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion: 82 Resp: 1717

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.8	55.2
54	52.7	37.4	56.2

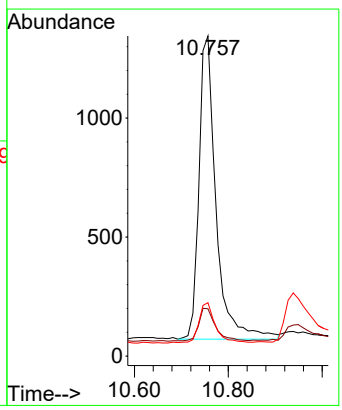


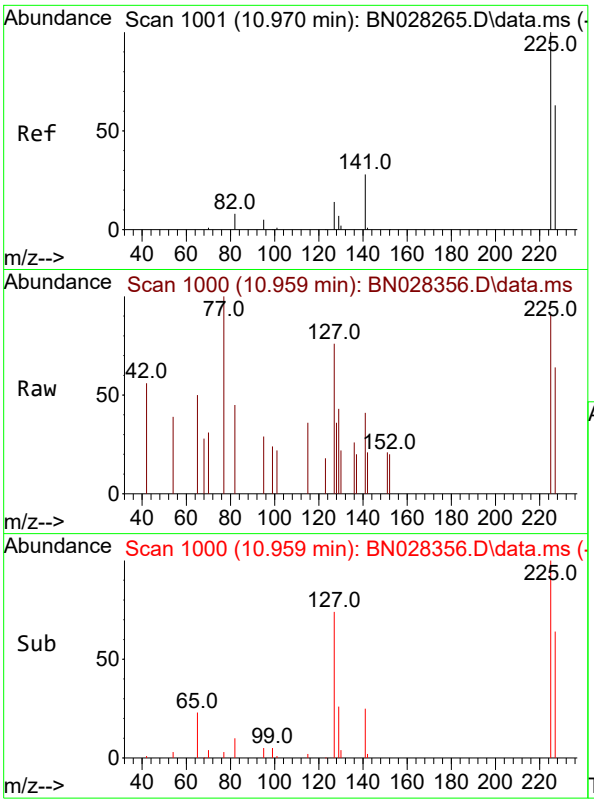


#9
Naphthalene
Concen: 0.136 ng
RT: 10.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:128 Resp: 3210

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.8	14.6#
127	16.7	11.4	17.0



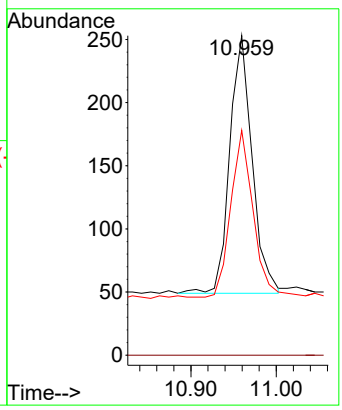


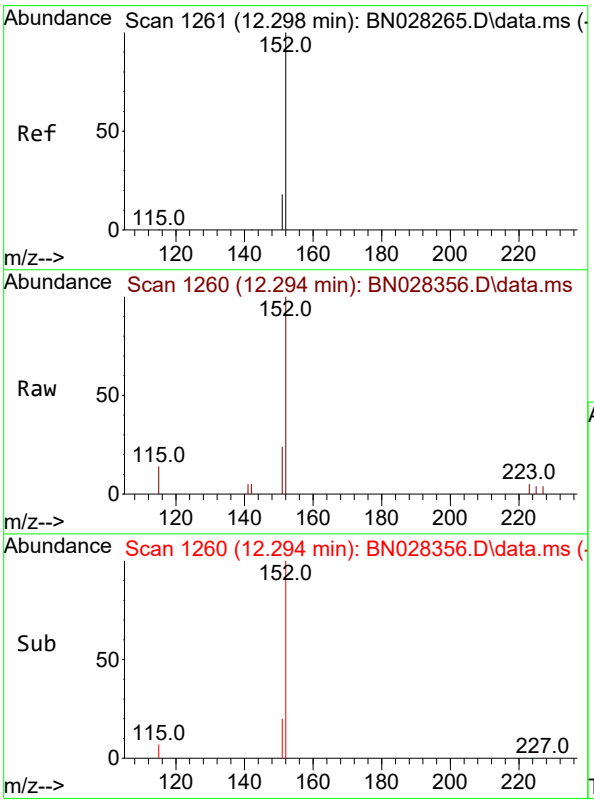
#10
Hexachlorobutadiene
Concen: 0.091 ng
RT: 10.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:225 Resp: 371

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.6	77.4

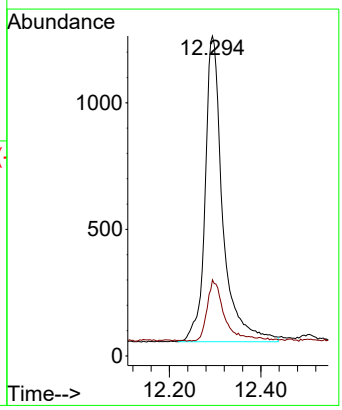


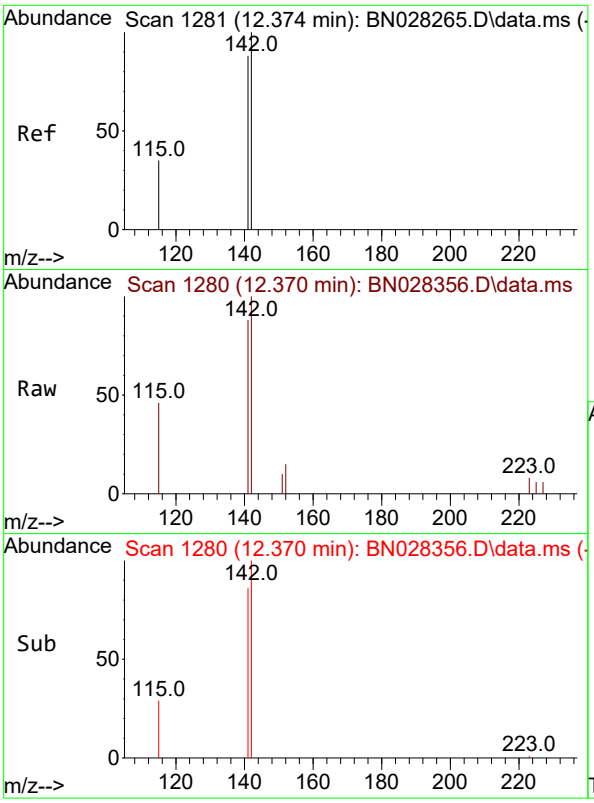


#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 12.294 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1



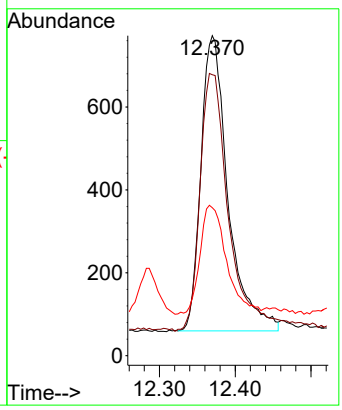


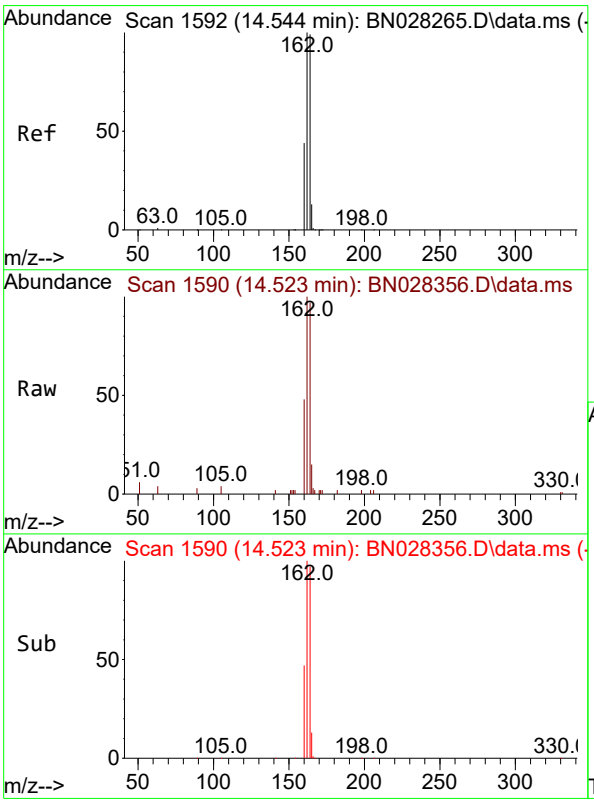
#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.370 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:142 Resp: 1774

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.1	106.7
115	46.2	29.9	44.9#

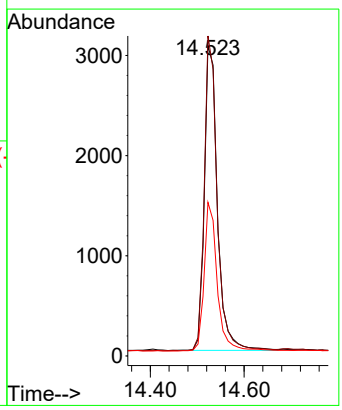


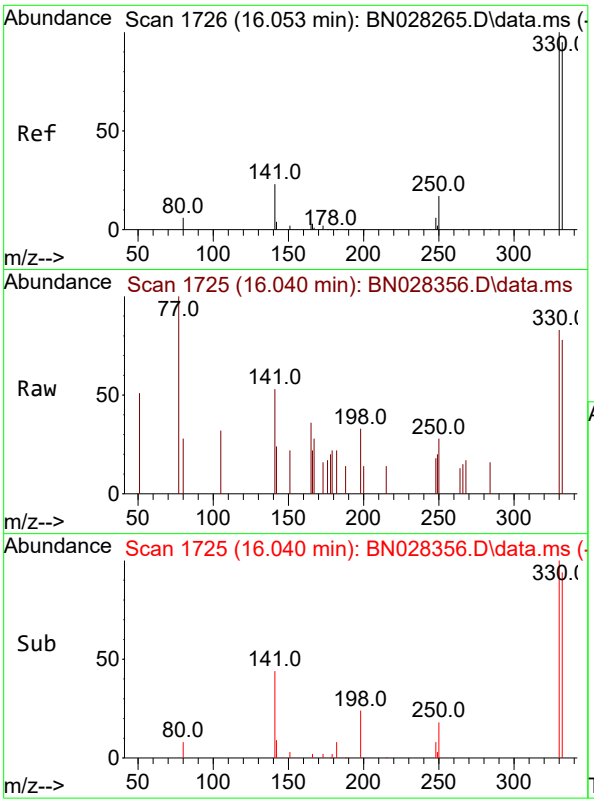


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1590
Delta R.T. -0.011 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:164 Resp: 5903

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.1	121.7
160	49.5	36.6	54.8



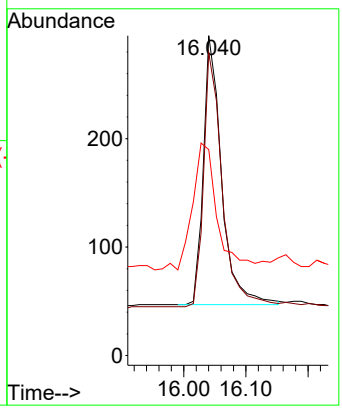


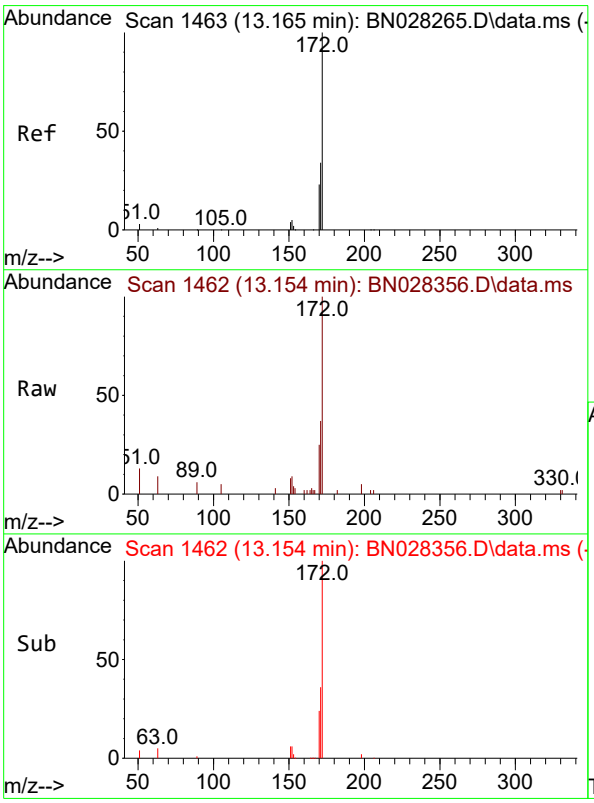
#14
2,4,6-Tribromophenol
Concen: 0.176 ng
RT: 16.040 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:330 Resp: 506

Ion	Ratio	Lower	Upper
330	100		
332	96.8	74.1	111.1
141	62.5	32.1	48.1#

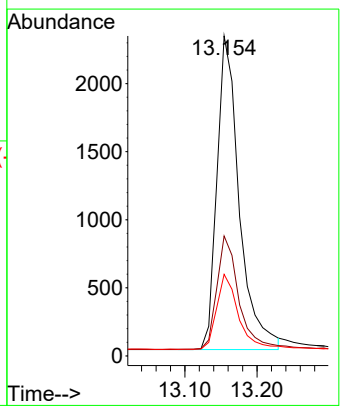


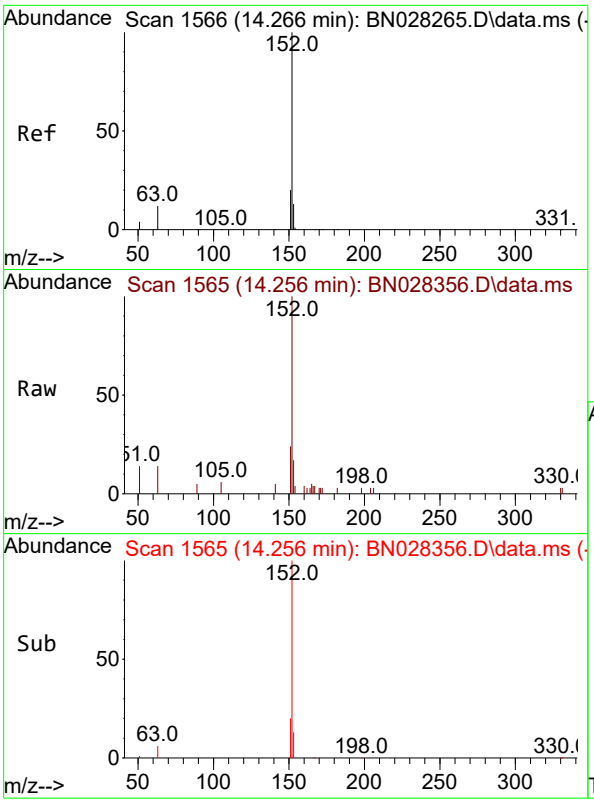


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.154 min Scan# 1462
Delta R.T. -0.011 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:172 Resp: 4939

Ion	Ratio	Lower	Upper
172	100		
171	37.5	28.3	42.5
170	25.5	18.7	28.1



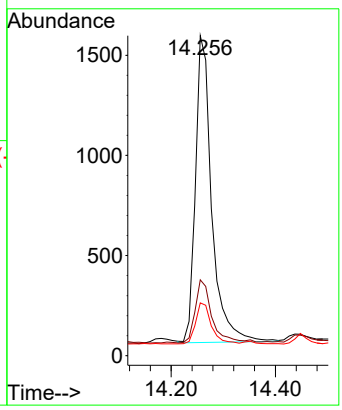


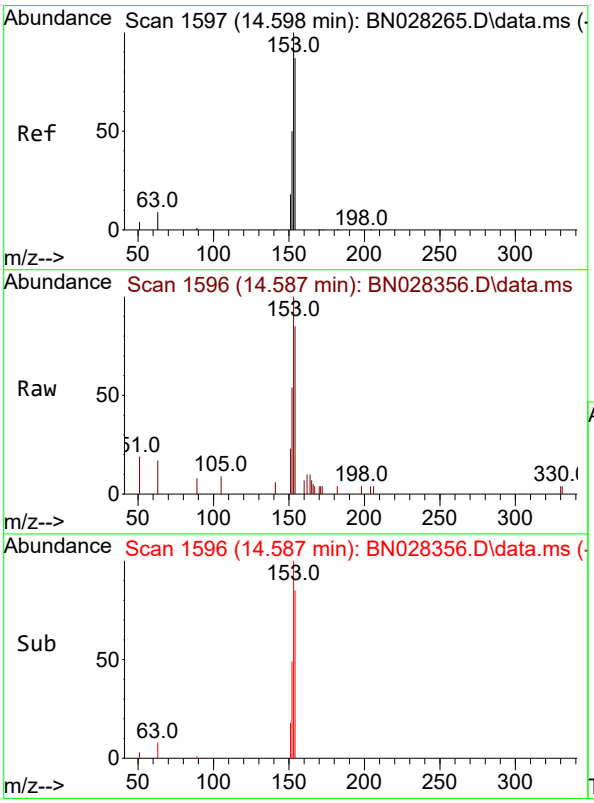
#16
Acenaphthylene
Concen: 0.126 ng
RT: 14.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:152 Resp: 3335

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.6	23.4
153	13.1	10.6	16.0

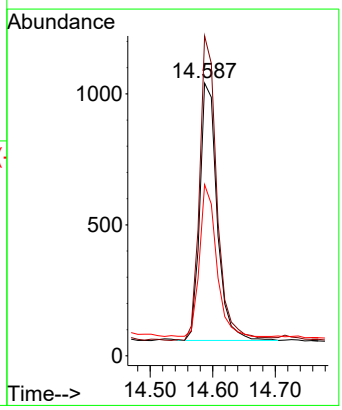


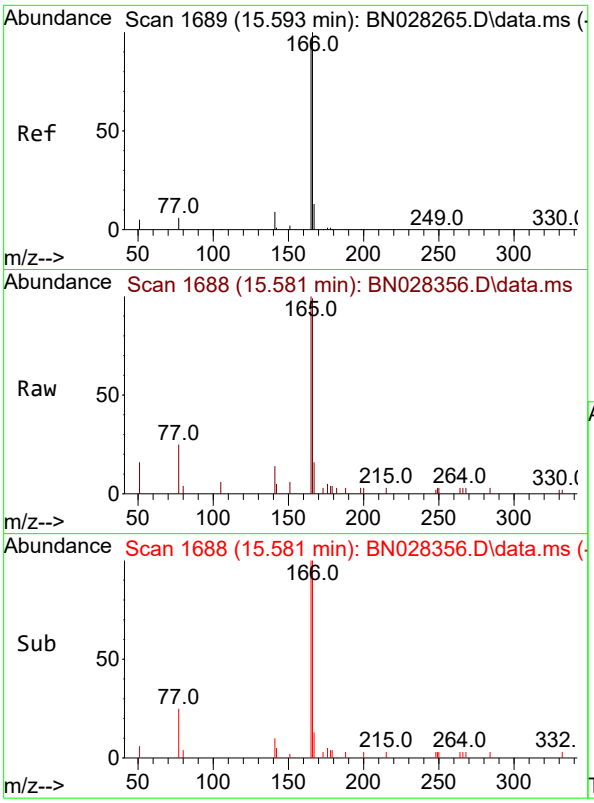


#17
Acenaphthene
Concen: 0.113 ng
RT: 14.587 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:154 Resp: 1893

Ion	Ratio	Lower	Upper
154	100		
153	118.3	90.7	136.1
152	57.3	43.6	65.4



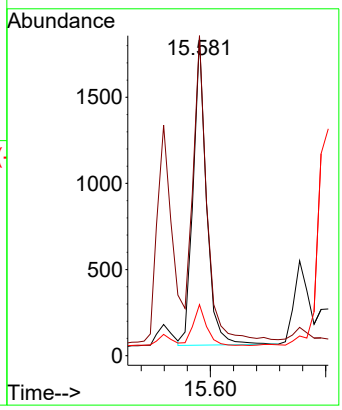


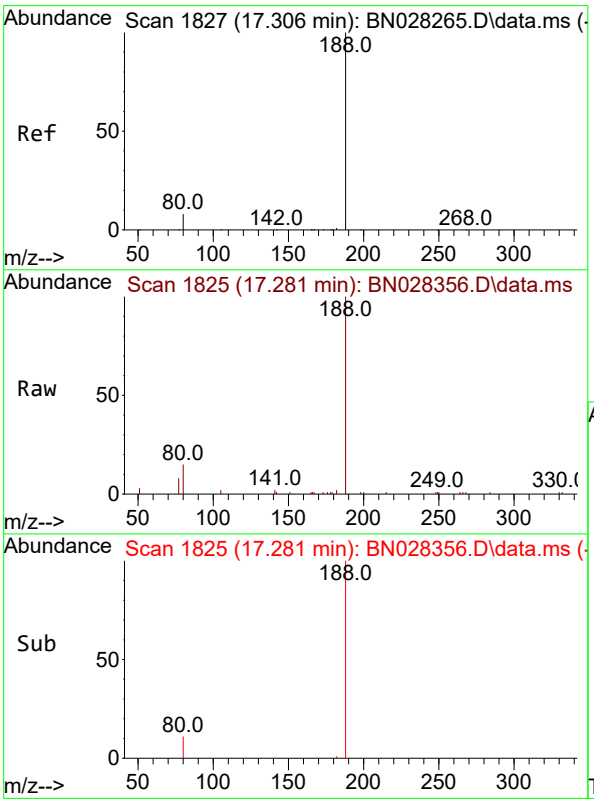
#18
Fluorene
Concen: 0.130 ng
RT: 15.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:166 Resp: 2855

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.3	118.9
167	13.7	10.9	16.3

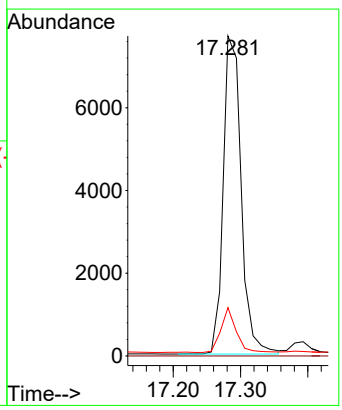


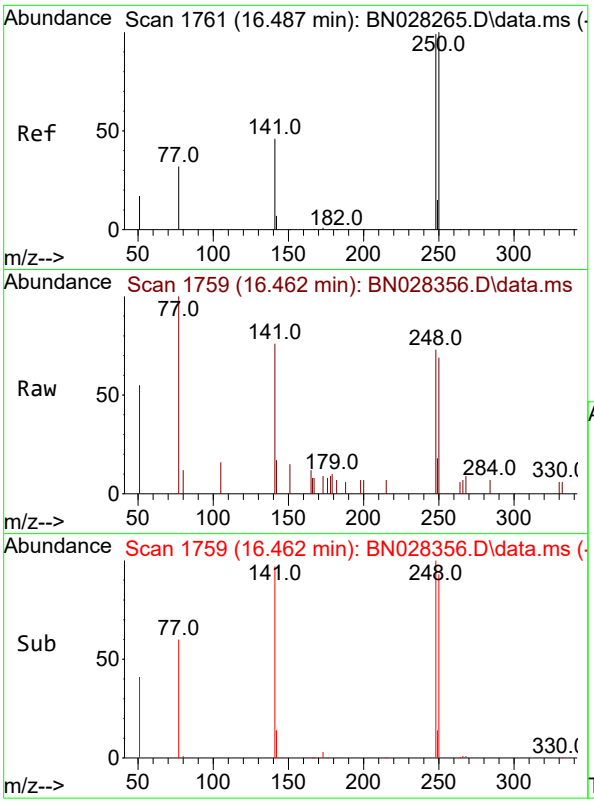


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:188 Resp: 14160

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	7.1	10.7#



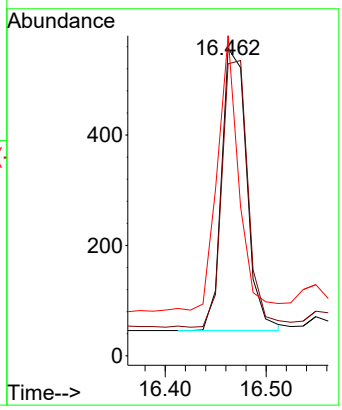


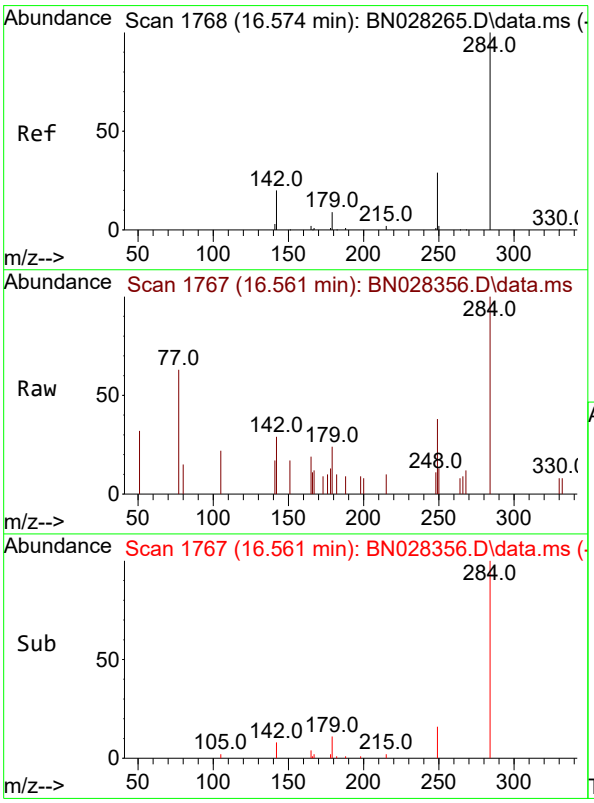
#21
4-Bromophenyl-phenylether
Concen: 0.121 ng
RT: 16.462 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:248 Resp: 883

Ion	Ratio	Lower	Upper
248	100		
250	95.0	80.5	120.7
141	104.1	38.9	58.3#

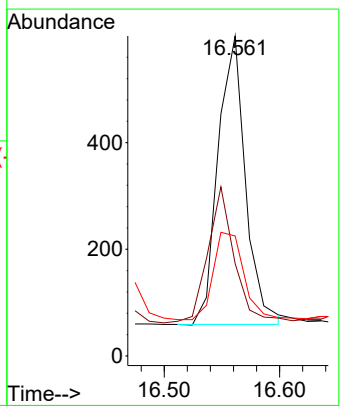


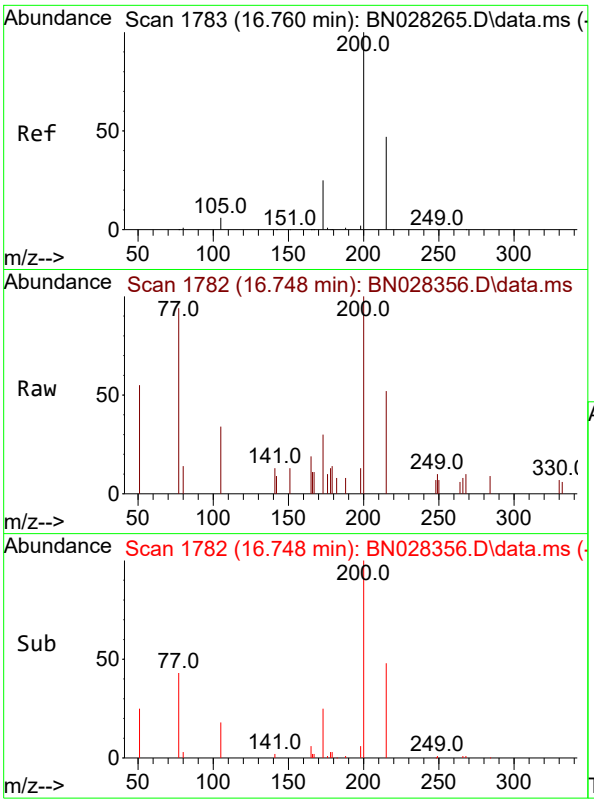


#22
Hexachlorobenzene
Concen: 0.119 ng
RT: 16.561 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:284 Resp: 894

Ion	Ratio	Lower	Upper
284	100		
142	45.5	32.1	48.1
249	33.7	25.5	38.3



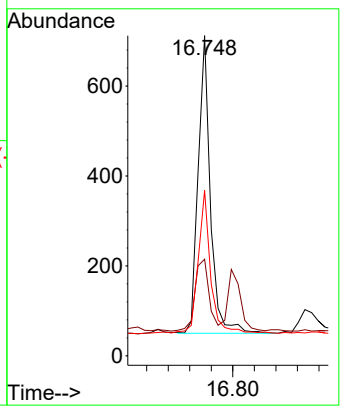


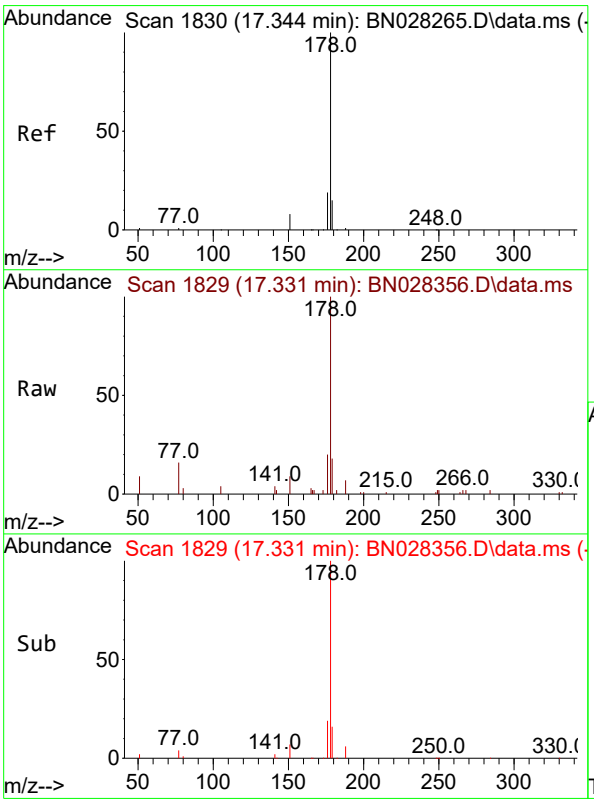
#23
Atrazine
Concen: 0.153 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:200 Resp: 1048

Ion	Ratio	Lower	Upper
200	100		
173	30.2	21.6	32.4
215	51.7	39.0	58.6

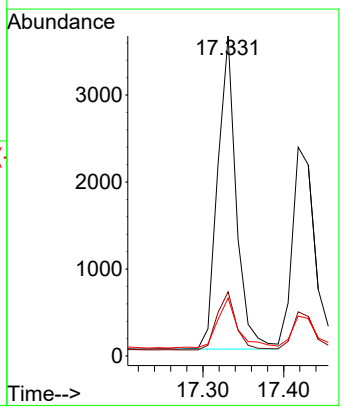


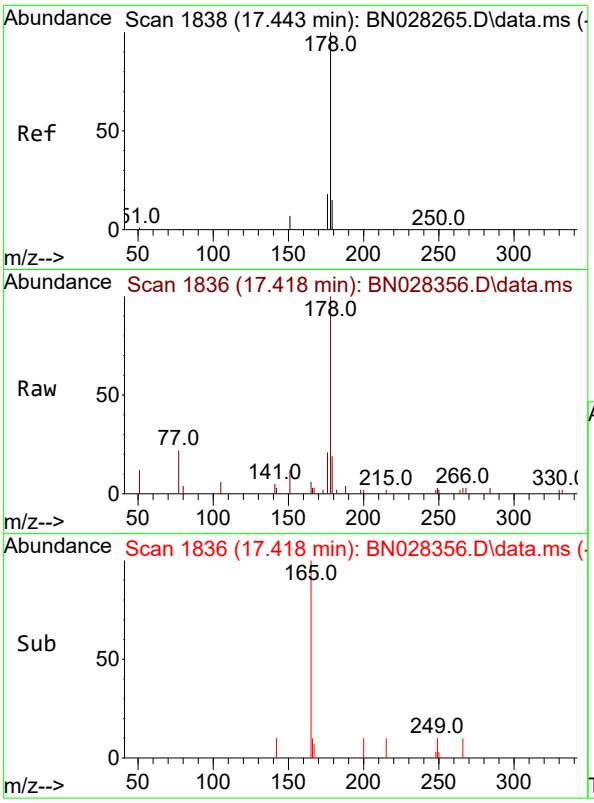


#25
Phenanthrene
Concen: 0.149 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:178 Resp: 5786

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	18.0	12.5	18.7



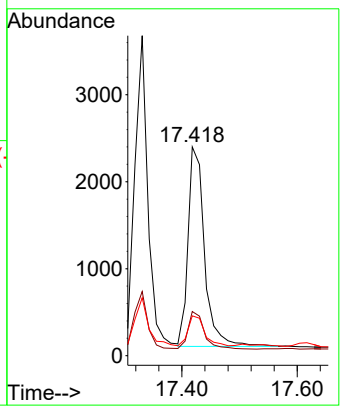


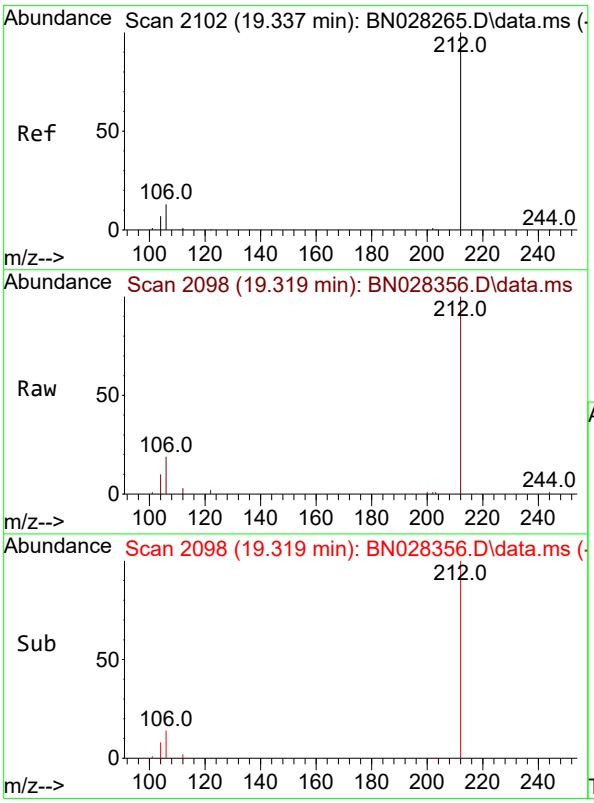
#26
Anthracene
Concen: 0.123 ng
RT: 17.418 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:178 Resp: 4558

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

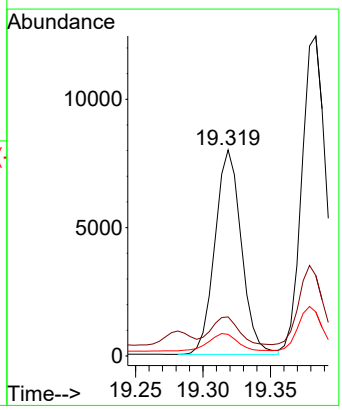


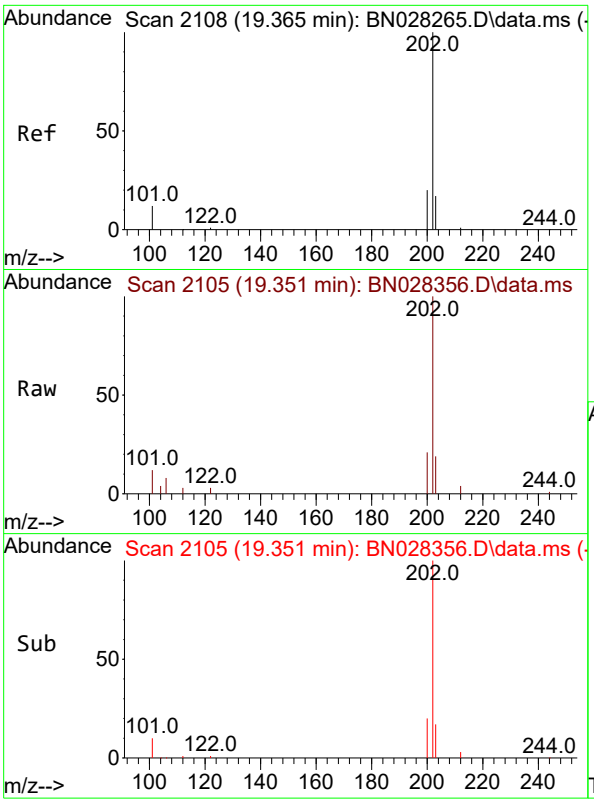


#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:212 Resp: 10880

Ion	Ratio	Lower	Upper
212	100		
106	13.8	11.5	17.3
104	9.8	6.7	10.1



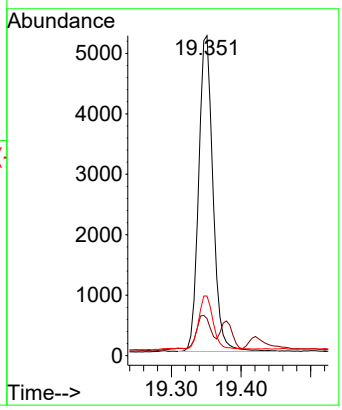


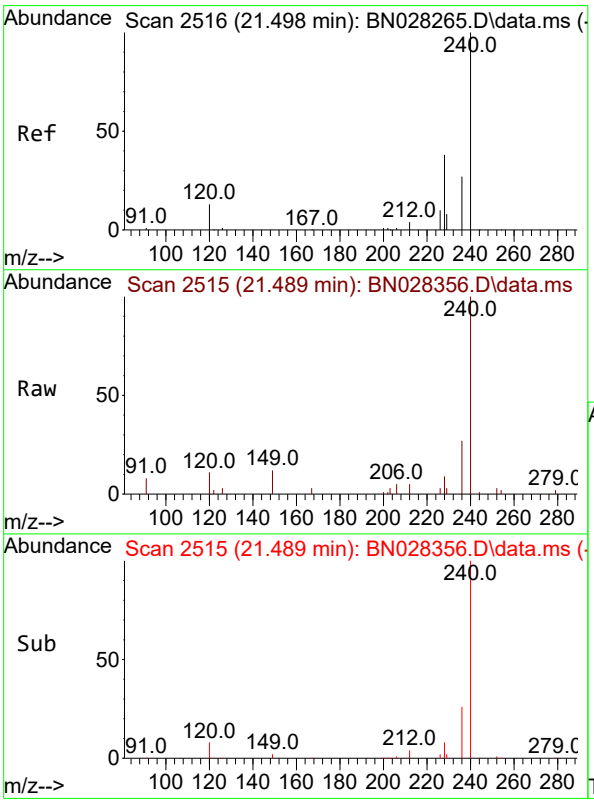
#28
Fluoranthene
Concen: 0.153 ng
RT: 19.351 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:202 Resp: 7473

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.1	15.1
203	17.0	13.9	20.9

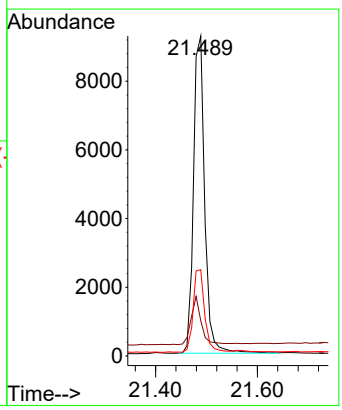


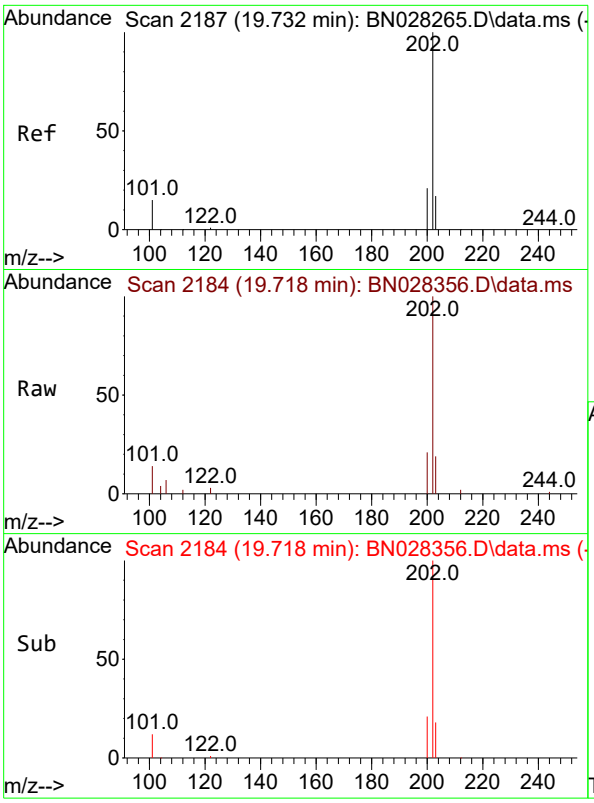


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.489 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:240 Resp: 14197

Ion	Ratio	Lower	Upper
240	100		
120	11.0	13.4	20.0#
236	26.9	22.7	34.1



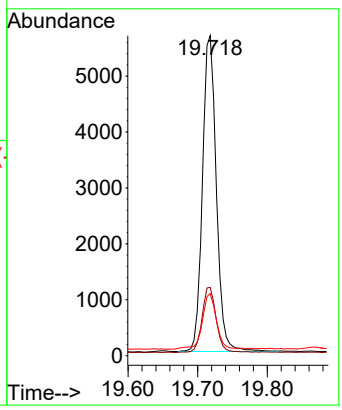


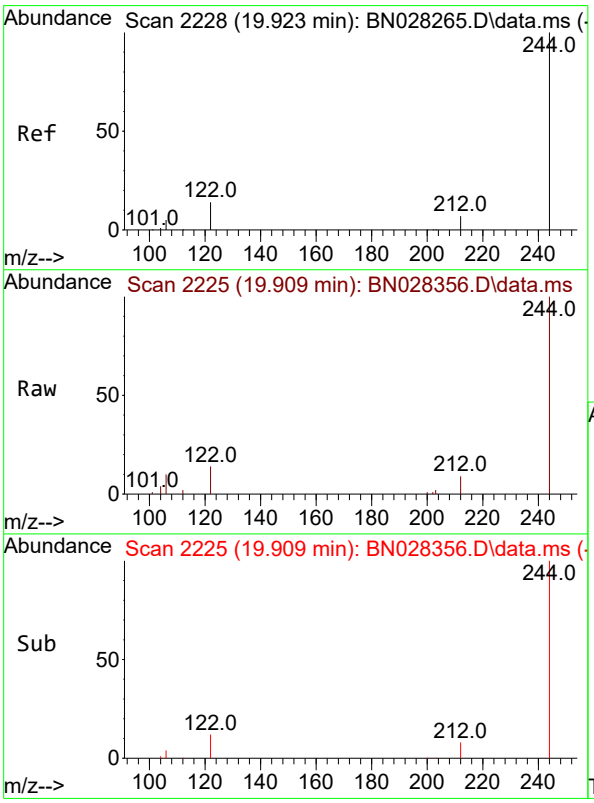
#30
Pyrene
Concen: 0.161 ng
RT: 19.718 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:202 Resp: 7810

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.8	14.5	21.7

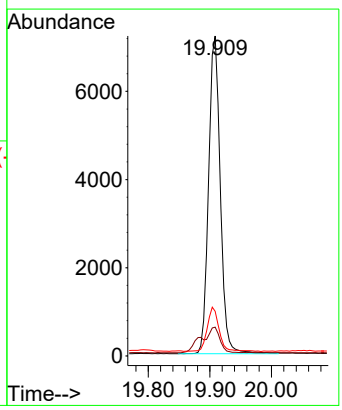


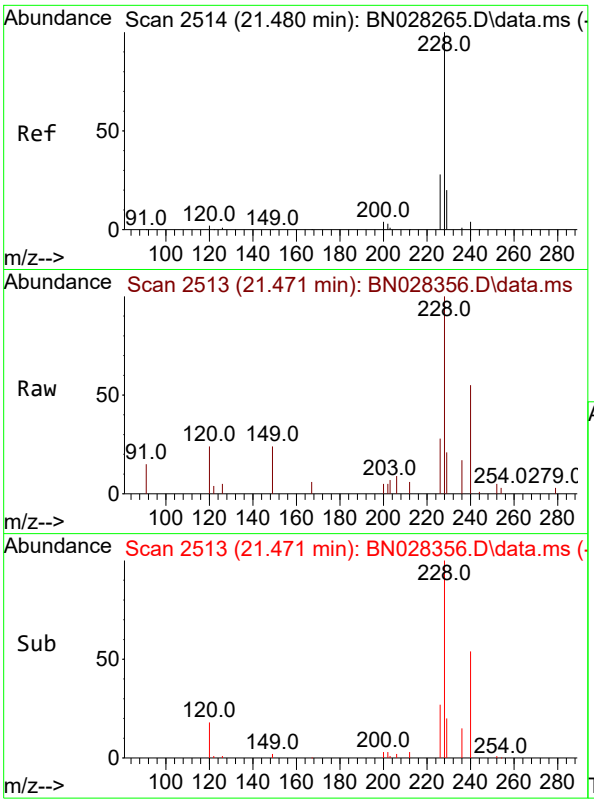


#31
Terphenyl-d14
Concen: 0.314 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:244 Resp: 9472

Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.6	10.0
122	13.9	11.7	17.5



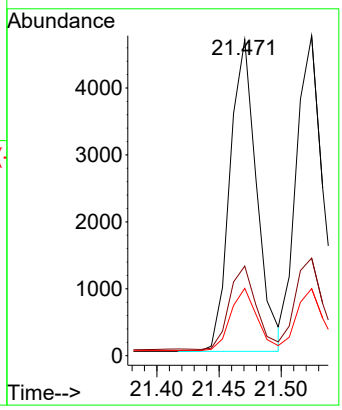


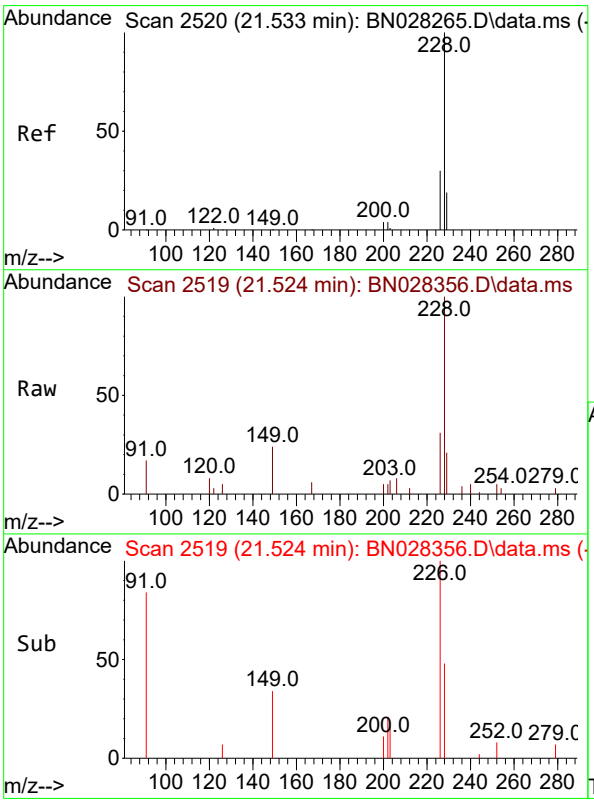
#32
Benzo(a)anthracene
Concen: 0.138 ng
RT: 21.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:228 Resp: 6958

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.9	34.3
229	21.3	16.6	24.8

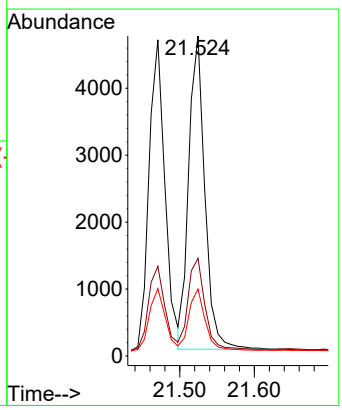


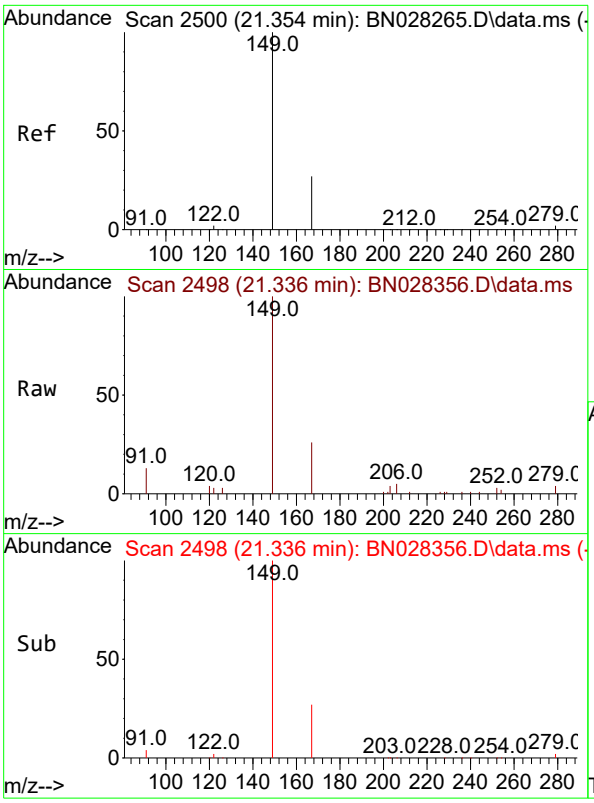


#33
Chrysene
Concen: 0.146 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:228 Resp: 7036

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.2	37.8
229	21.0	16.6	25.0



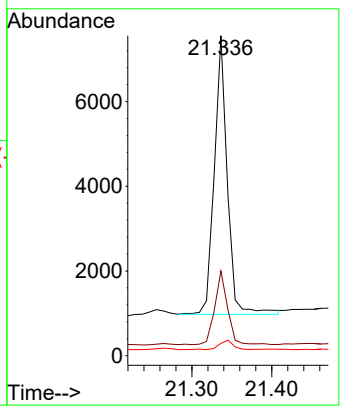


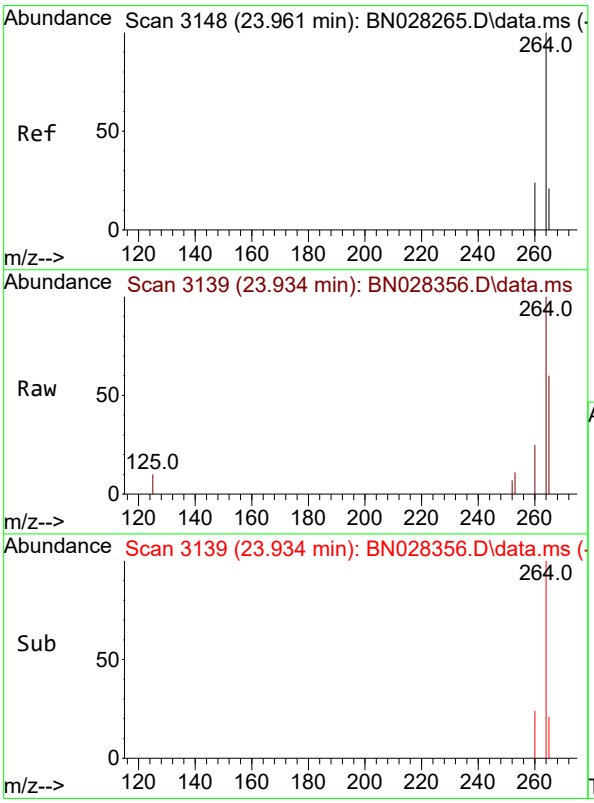
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.192 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:149 Resp: 7410

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.6	34.0
279	3.5	4.2	6.2#

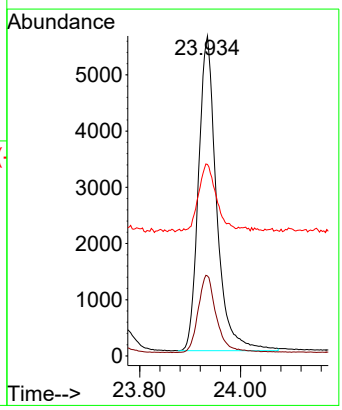


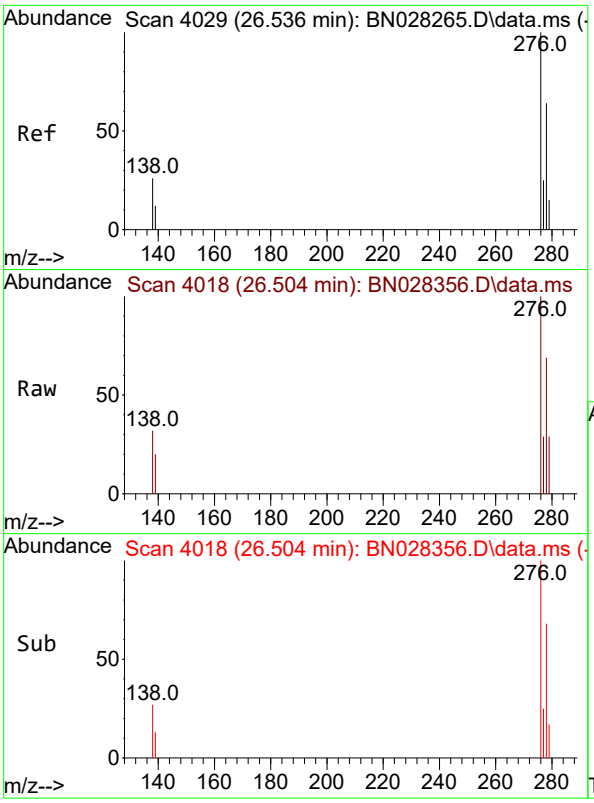


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.934 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:264 Resp: 13928

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	59.8	38.3	57.5#



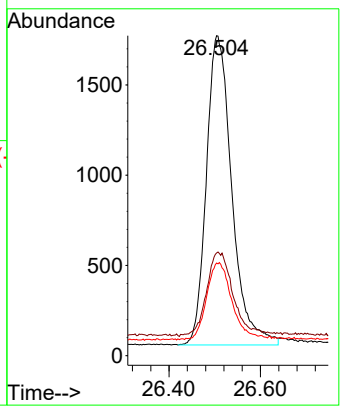


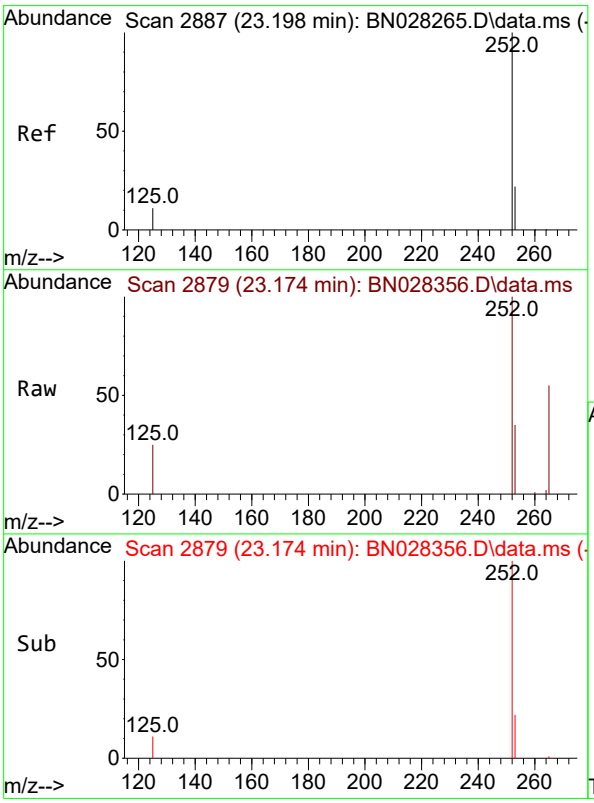
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng
RT: 26.504 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:276 Resp: 6628

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.3	31.9
277	24.3	20.0	30.0

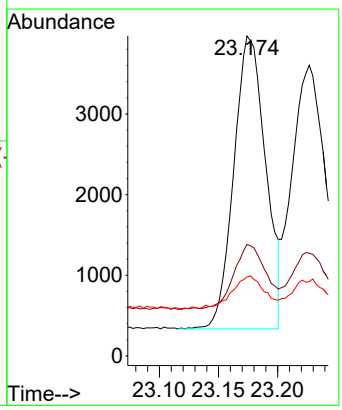


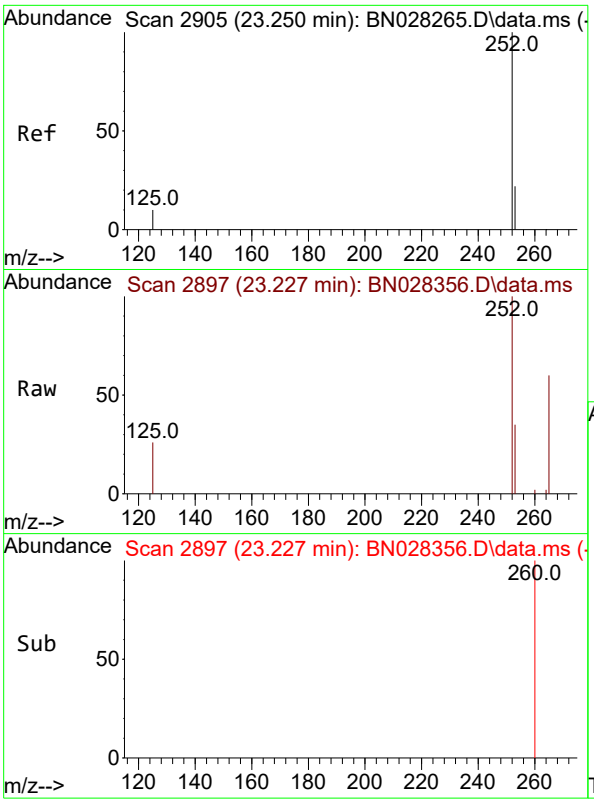


#37
Benzo(b)fluoranthene
Concen: 0.156 ng
RT: 23.174 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:252 Resp: 6796

Ion	Ratio	Lower	Upper
252	100		
253	34.9	21.8	32.8#
125	24.6	15.6	23.4#



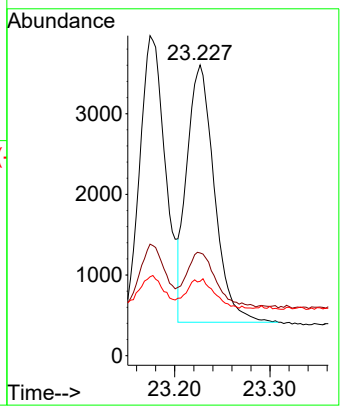


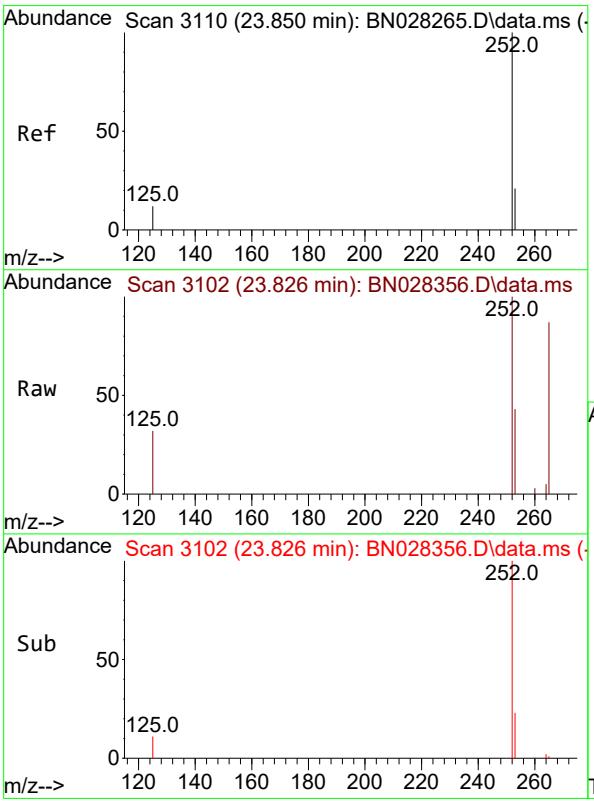
#38
Benzo(k)fluoranthene
Concen: 0.144 ng
RT: 23.227 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:252 Resp: 6392

Ion	Ratio	Lower	Upper
252	100		
253	35.3	22.0	33.0#
125	25.6	15.3	22.9#

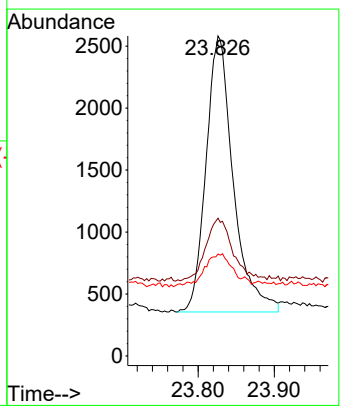


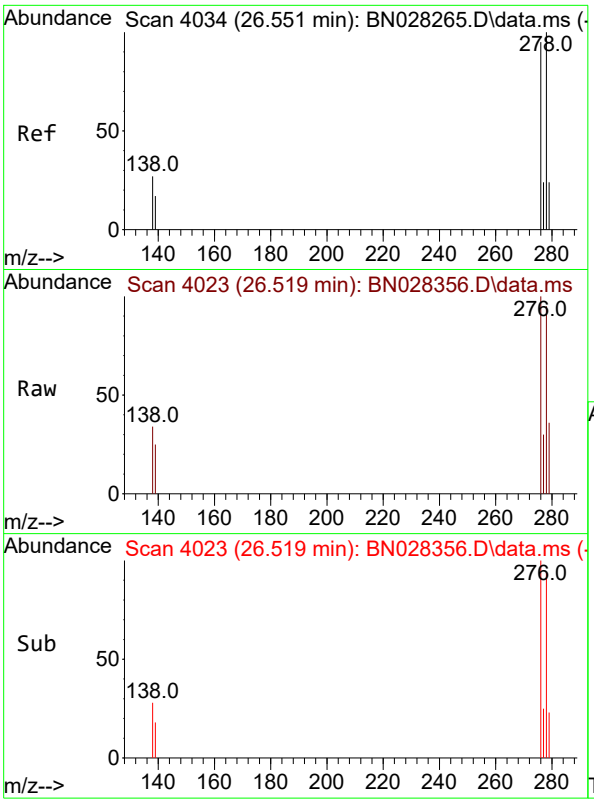


#39
Benzo(a)pyrene
Concen: 0.127 ng
RT: 23.826 min Scan# 3102
Delta R.T. -0.003 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:252 Resp: 5519

Ion	Ratio	Lower	Upper
252	100		
253	43.1	22.7	34.1#
125	31.9	17.0	25.6#



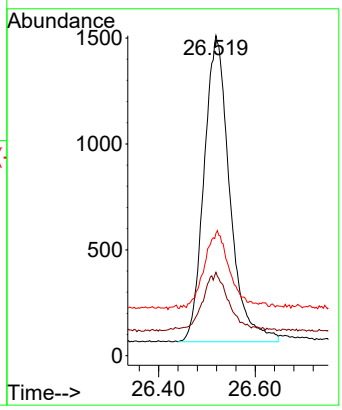


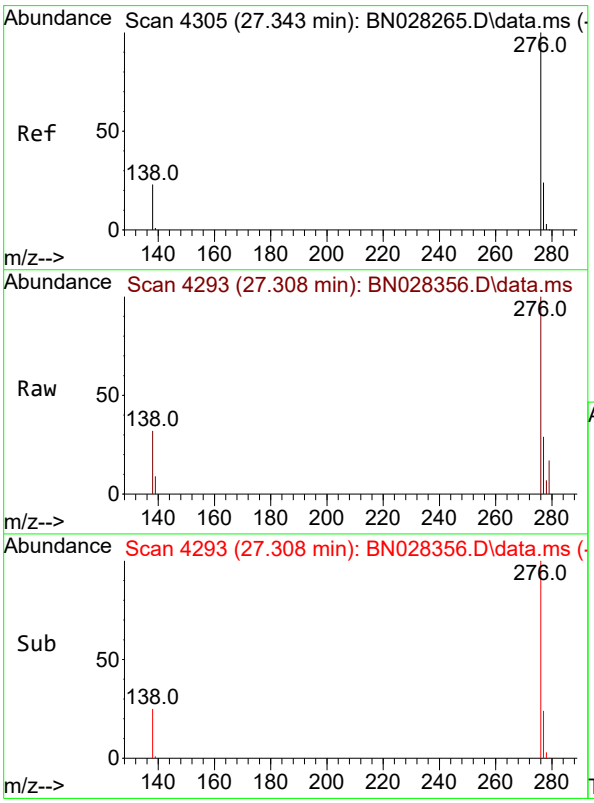
#40
Dibenzo(a,h)anthracene
Concen: 0.117 ng
RT: 26.519 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-323-343-102023

Tgt Ion:278 Resp: 5328

Ion	Ratio	Lower	Upper
278	100		
139	26.1	18.8	28.2
279	38.3	23.5	35.3#





#41
Benzo(g,h,i)perylene
Concen: 0.118 ng
RT: 27.308 min Scan# 4293
Delta R.T. 0.003 min
Lab File: BN028356.D
Acq: 23 Oct 2023 22:01

Tgt Ion:276 Resp: 5561

Ion	Ratio	Lower	Upper
276	100		
277	29.1	21.7	32.5
138	31.6	21.7	32.5