Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102323\
Data File : BN028355.D
Acq On : 23 Oct 2023 21:25
Operator : MA/JU
Sample : 04959-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Quant Time: Oct 24 03:20:53 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	7.885	152	4045	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	12906	0.400	ng	0.00
13) Acenaphthene-d10	14.523	164	7728	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	17135	0.400	ng	0.00
29) Chrysene-d12	21.488	240	12146	0.400	ng	# 0.00
35) Perylene-d12	23.937	264	10143	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.444	112	502	0.040	ng	0.01
5) Phenol-d6	7.084	99	399	0.026	ng	0.03
8) Nitrobenzene-d5	9.102	82	1842	0.161	ng	0.00
11) 2-Methylnaphthalene-d10	12.290	152	4451	0.229	ng	0.00
14) 2,4,6-Tribromophenol	16.052	330	320	0.085	ng	-0.01
15) 2-Fluorobiphenyl	13.154	172	7762	0.285	ng	-0.01
27) Fluoranthene-d10	19.323	212	9261	0.202	ng	0.00
31) Terphenyl-d14	19.908	244	8556	0.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	441	0.090	ng	# 74
3) n-Nitrosodimethylamine	3.660	42	340	0.064	ng	# 65
6) bis(2-Chloroethyl)ether	7.329	93	1921	0.161	ng	# 71
9) Naphthalene	10.757	128	4209	0.126	ng	# 95
10) Hexachlorobutadiene	10.959	225	632	0.110	ng	# 98
12) 2-Methylnaphthalene	12.366	142	2510	0.106	ng	97
16) Acenaphthylene	14.256	152	4062	0.117	ng	99
17) Acenaphthene	14.587	154	2414	0.110	ng	96
18) Fluorene	15.581	166	3260	0.113	ng	99
20) 4,6-Dinitro-2-methylph...	15.792	198	56	0.230	ng	# 1
21) 4-Bromophenyl-phenylether	16.475	248	944	0.107	ng	91
22) Hexachlorobenzene	16.561	284	1010	0.111	ng	95
23) Atrazine	16.748	200	939	0.113	ng	# 94
25) Phenanthrene	17.331	178	5937	0.127	ng	99
26) Anthracene	17.430	178	4562	0.102	ng	98
28) Fluoranthene	19.351	202	6200	0.105	ng	97
30) Pyrene	19.723	202	6413	0.154	ng	99
32) Benzo(a)anthracene	21.471	228	4656	0.108	ng	99
33) Chrysene	21.524	228	4840	0.117	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	3287	0.100	ng	# 95
36) Indeno(1,2,3-cd)pyrene	26.519	276	4019	0.098	ng	99
37) Benzo(b)fluoranthene	23.183	252	3963	0.125	ng	# 74
38) Benzo(k)fluoranthene	23.232	252	3778	0.117	ng	# 70
39) Benzo(a)pyrene	23.835	252	3159	0.100	ng	# 54
40) Dibenzo(a,h)anthracene	26.530	278	3268	0.098	ng	# 77
41) Benzo(g,h,i)perylene	27.326	276	3489	0.102	ng	# 86

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

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Instrument :
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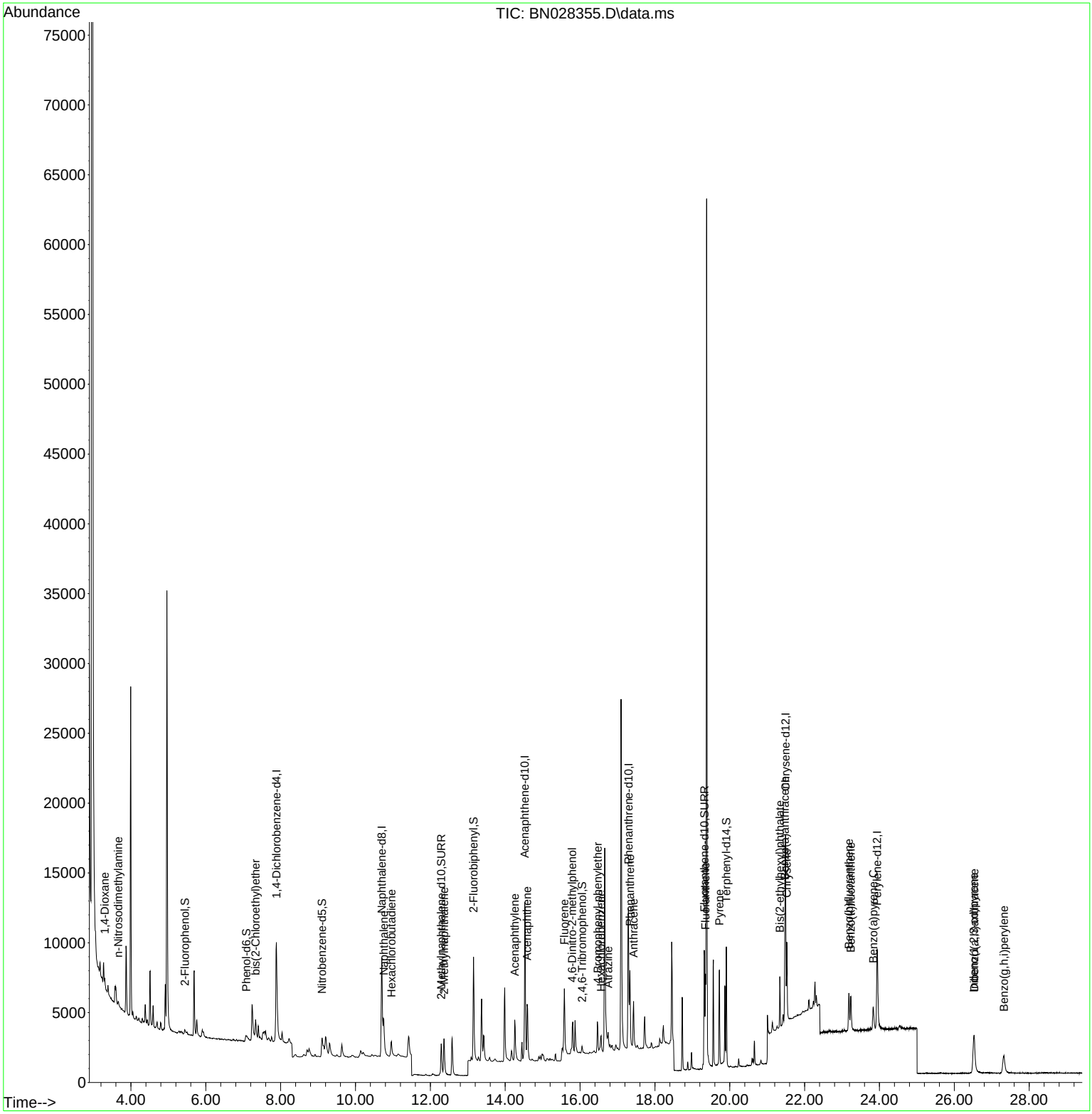
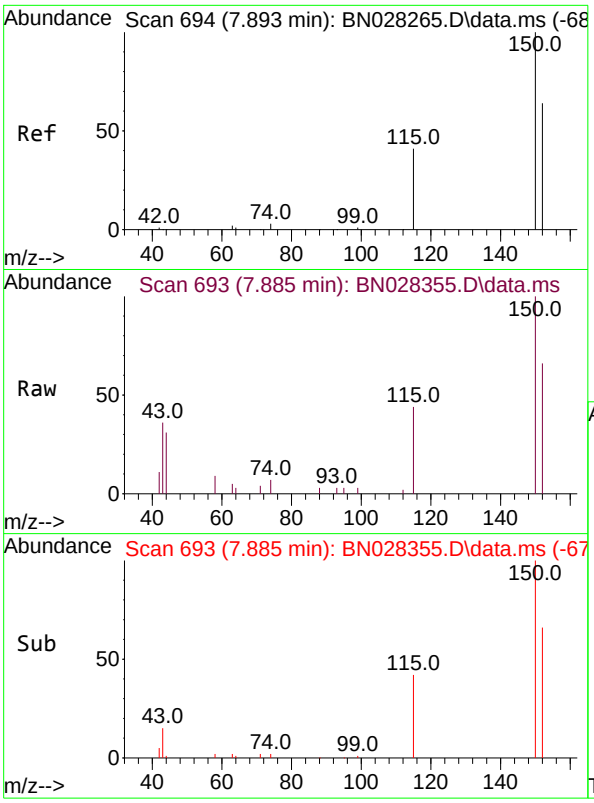
GWOW-BR-06-190-210-101823

Quant Time: Oct 24 03:20:53 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



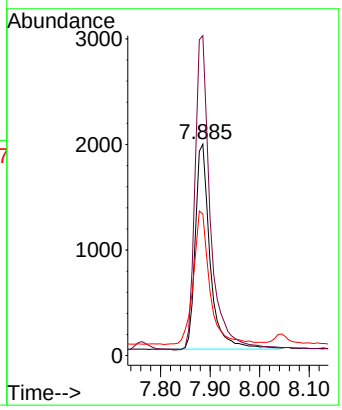


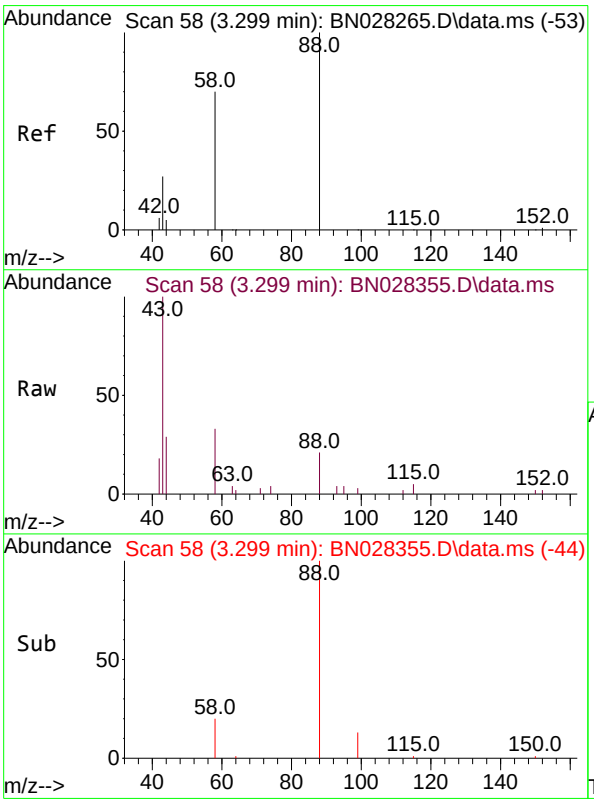
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.885 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:152 Resp: 4045

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.6	182.4
115	66.9	54.3	81.5

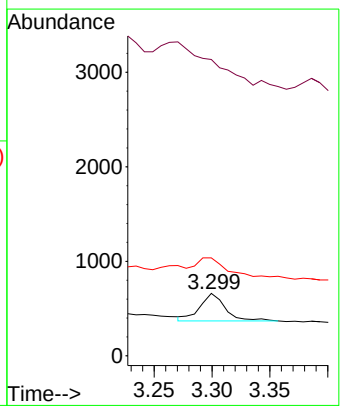


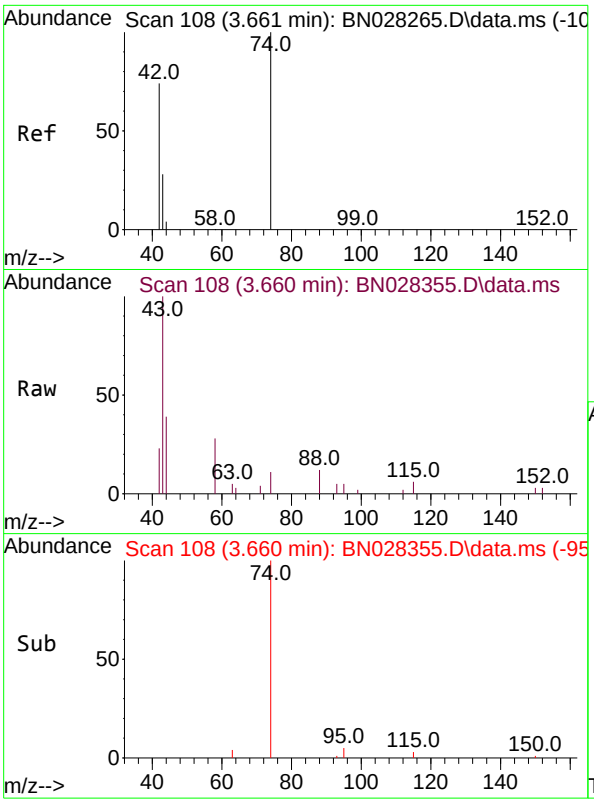


#2
1,4-Dioxane
Concen: 0.090 ng
RT: 3.299 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion: 88 Resp: 441

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.6	39.8#
58	77.8	55.4	83.0



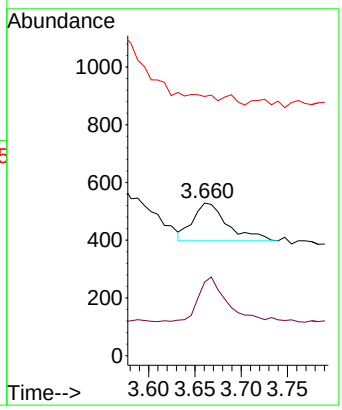


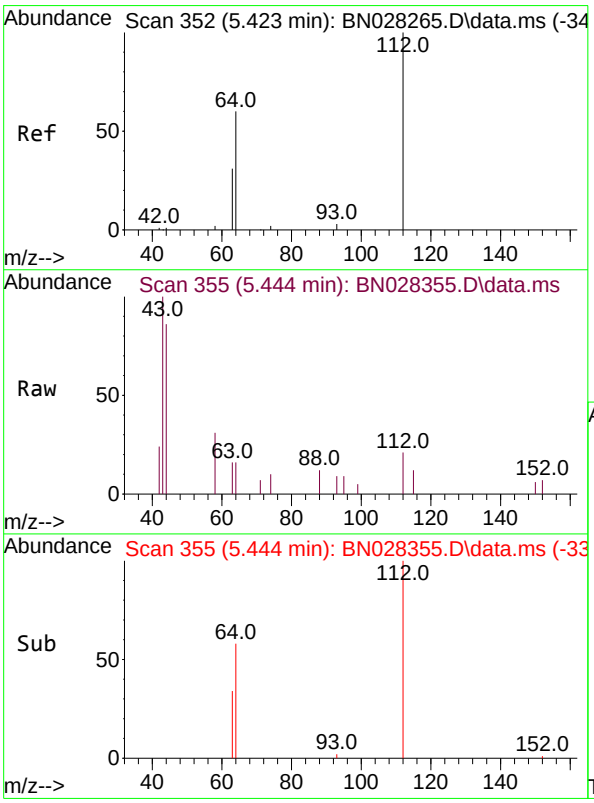
#3
n-Nitrosodimethylamine
Concen: 0.064 ng
RT: 3.660 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion: 42 Resp: 340

Ion	Ratio	Lower	Upper
42	100		
74	97.6	112.6	168.8#
44	0.0	7.8	11.6#

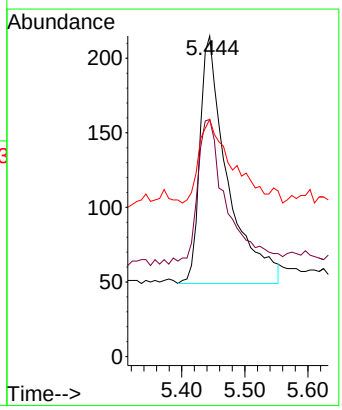


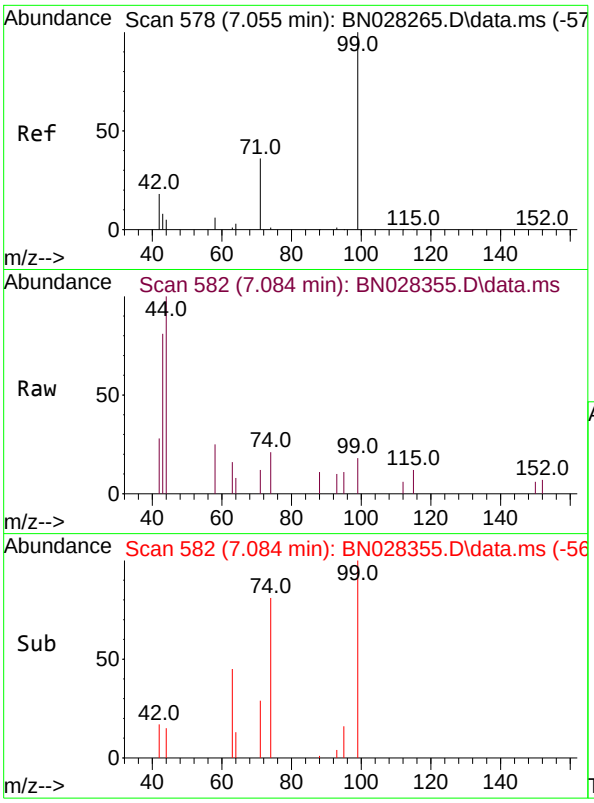


#4
2-Fluorophenol
Concen: 0.040 ng
RT: 5.444 min Scan# 355
Delta R.T. 0.014 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:112 Resp: 502

Ion	Ratio	Lower	Upper
112	100		
64	61.6	46.9	70.3
63	40.0	25.0	37.4#



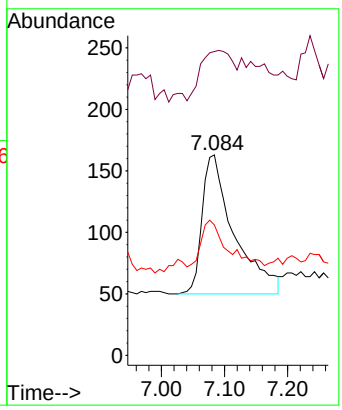


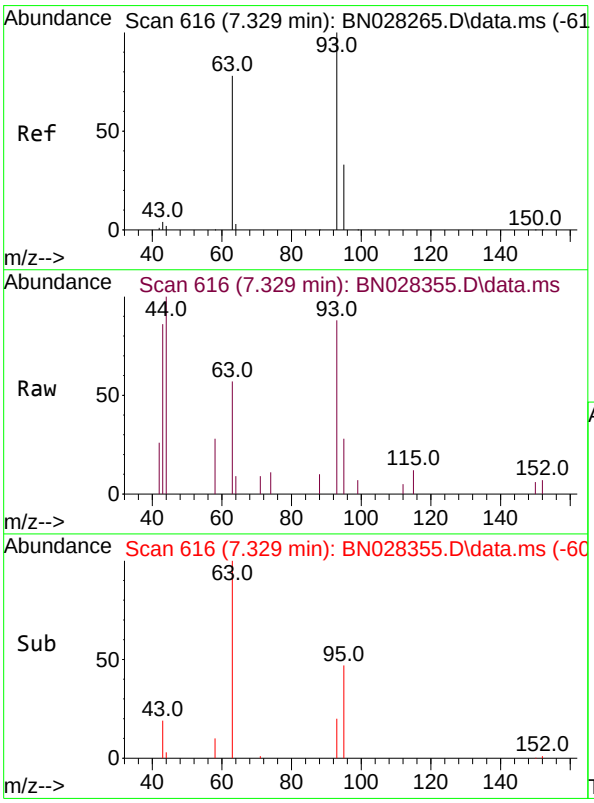
#5
Phenol-d6
Concen: 0.026 ng
RT: 7.084 min Scan# 58
Delta R.T. 0.029 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion: 99 Resp: 399

Ion	Ratio	Lower	Upper
99	100		
42	36.6	15.9	23.9#
71	29.1	28.6	42.8

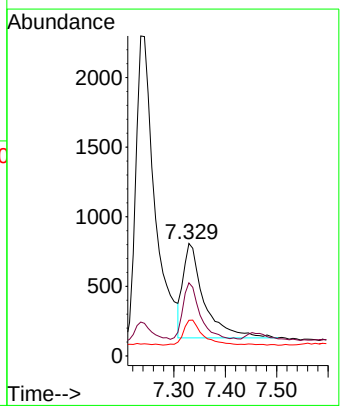


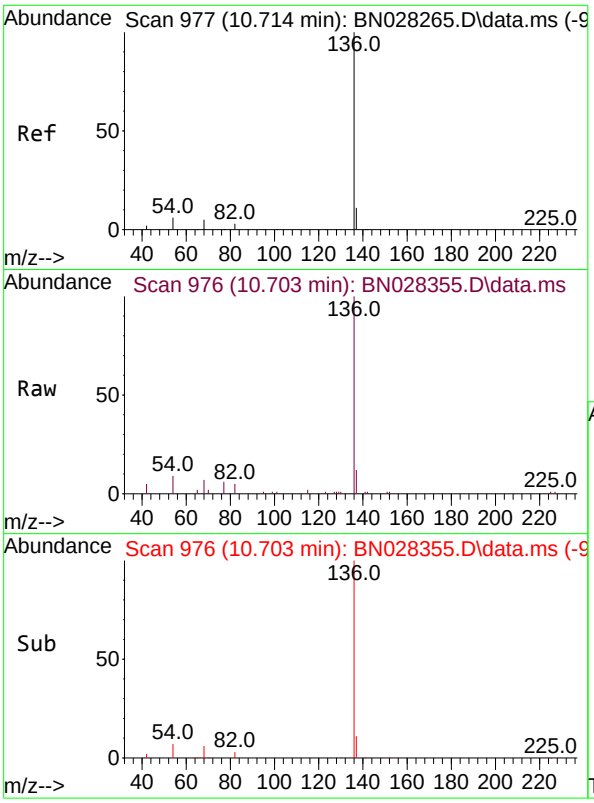


#6
bis(2-Chloroethyl)ether
Concen: 0.161 ng
RT: 7.329 min Scan# 616
Delta R.T. 0.007 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion: 93 Resp: 1921

Ion	Ratio	Lower	Upper
93	100		
63	48.6	62.6	93.8#
95	23.8	27.2	40.8#



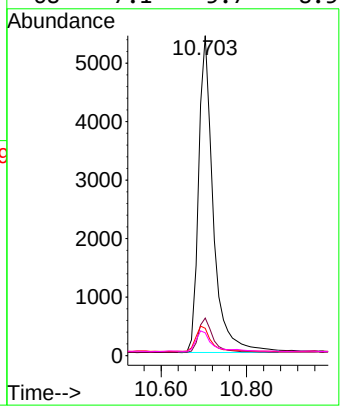


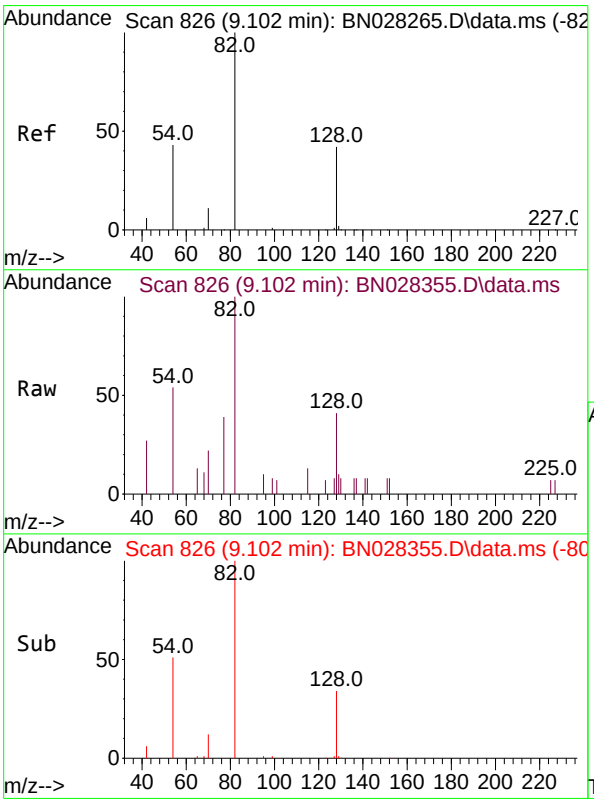
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:136 Resp: 12906

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	8.5	6.2	9.4
68	7.1	5.7	8.5

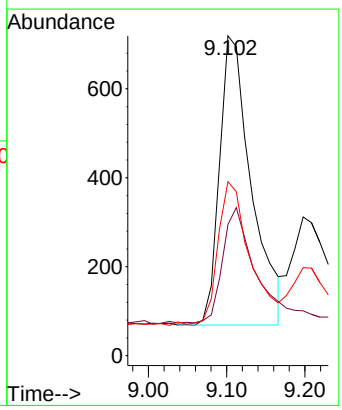


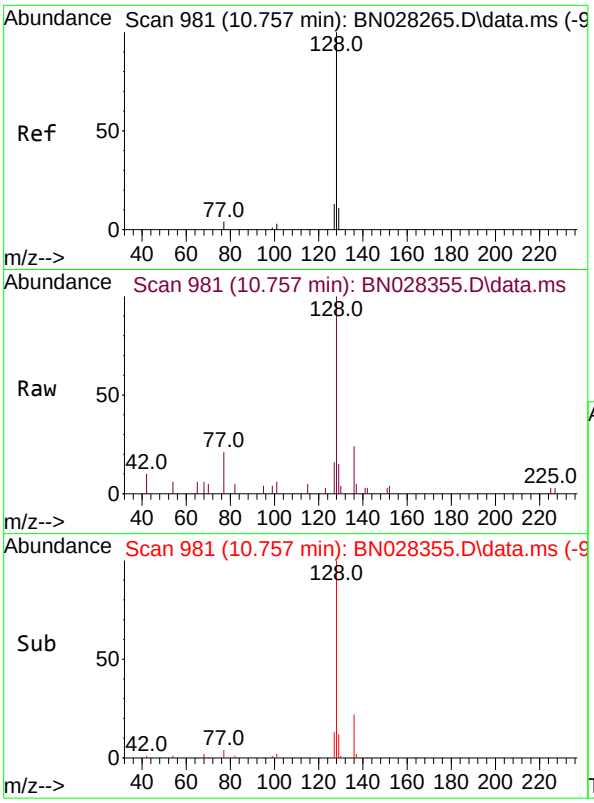


#8
Nitrobenzene-d5
Concen: 0.161 ng
RT: 9.102 min Scan# 826
Delta R.T. 0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion: 82 Resp: 1842

Ion	Ratio	Lower	Upper
82	100		
128	41.0	36.8	55.2
54	54.4	37.4	56.2



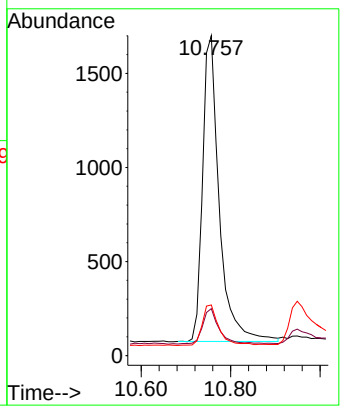


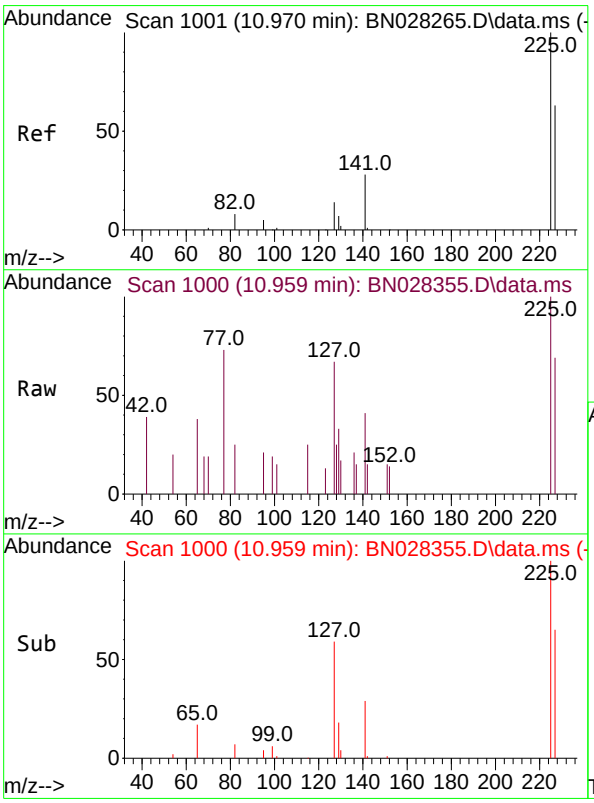
#9
Naphthalene
Concen: 0.126 ng
RT: 10.757 min Scan# 98
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:128 Resp: 4209

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.8	14.6#
127	15.8	11.4	17.0

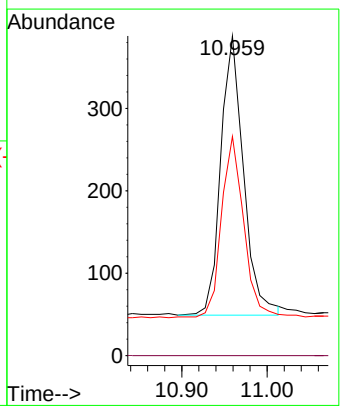


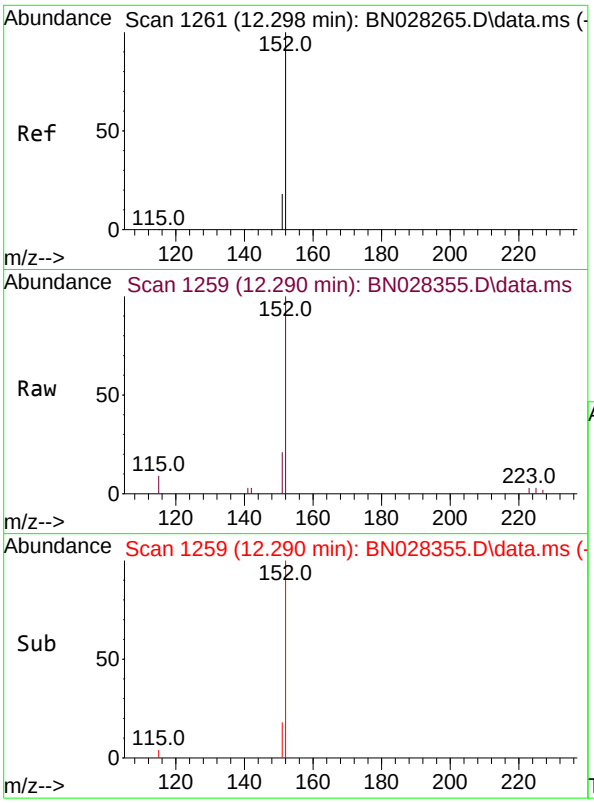


#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 10.959 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:225 Resp: 632

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	51.6	77.4



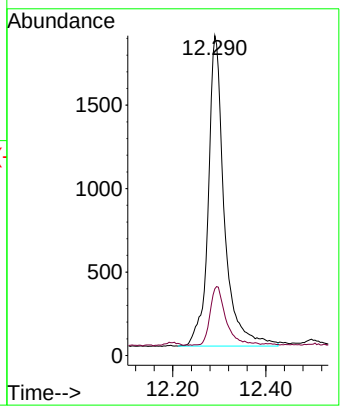


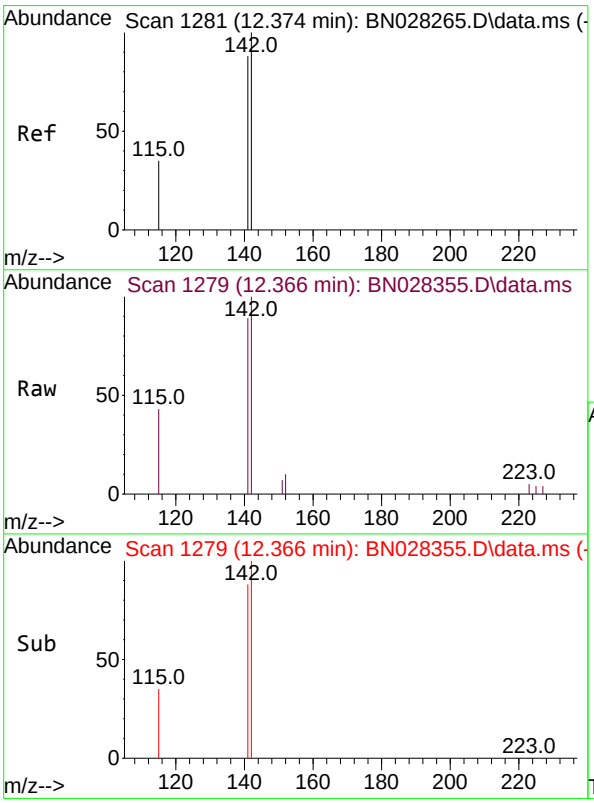
#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.290 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:152 Resp: 4451

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.1	24.1

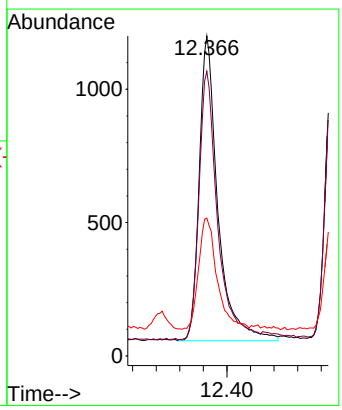


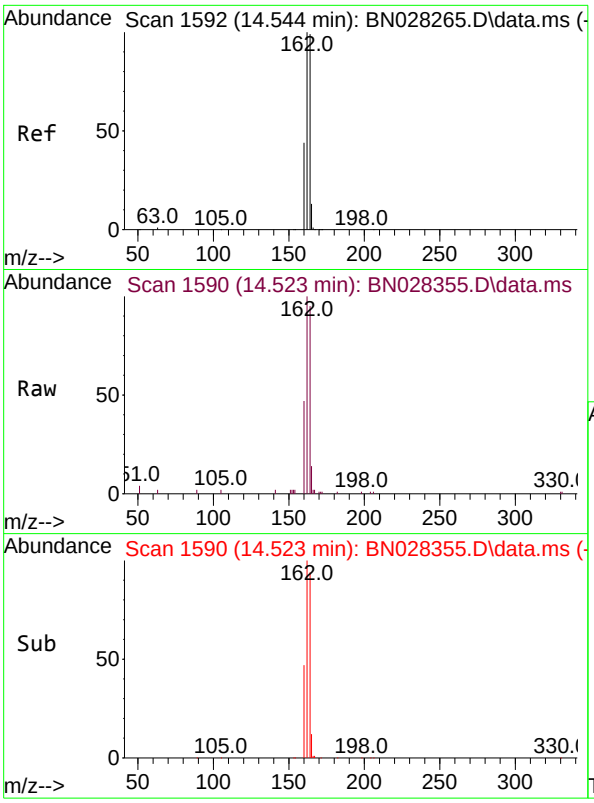


#12
2-Methylnaphthalene
Concen: 0.106 ng
RT: 12.366 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:142 Resp: 2510

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.1	106.7
115	43.1	29.9	44.9



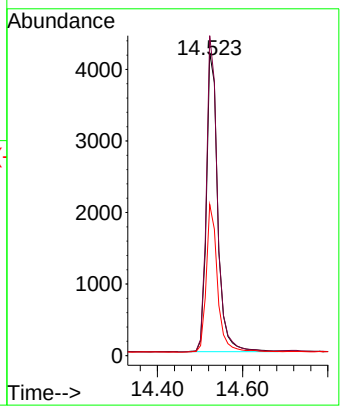


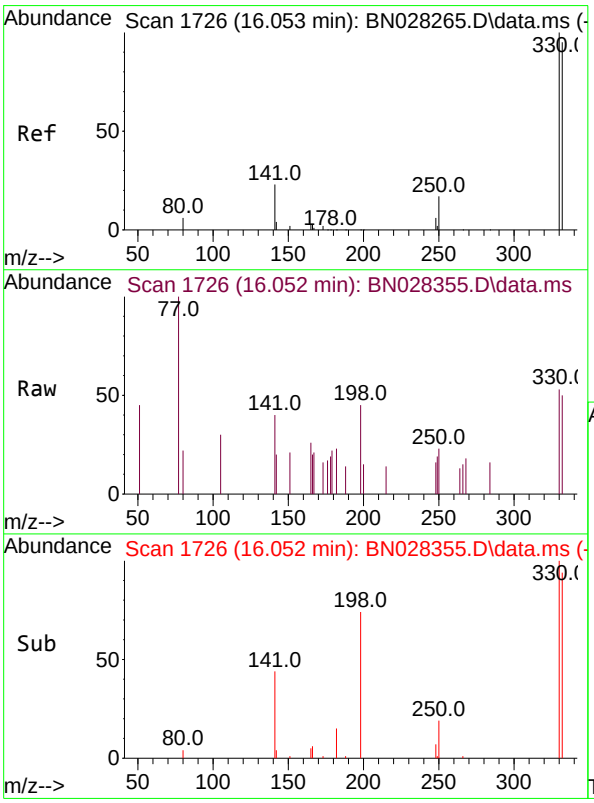
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:164 Resp: 7728

Ion	Ratio	Lower	Upper
164	100		
162	105.6	81.1	121.7
160	49.9	36.6	54.8

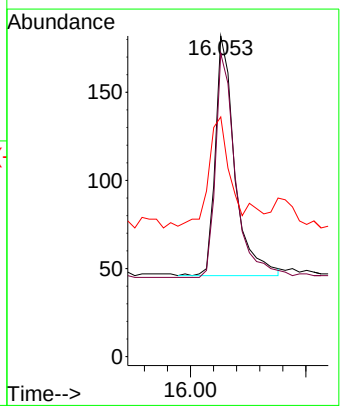


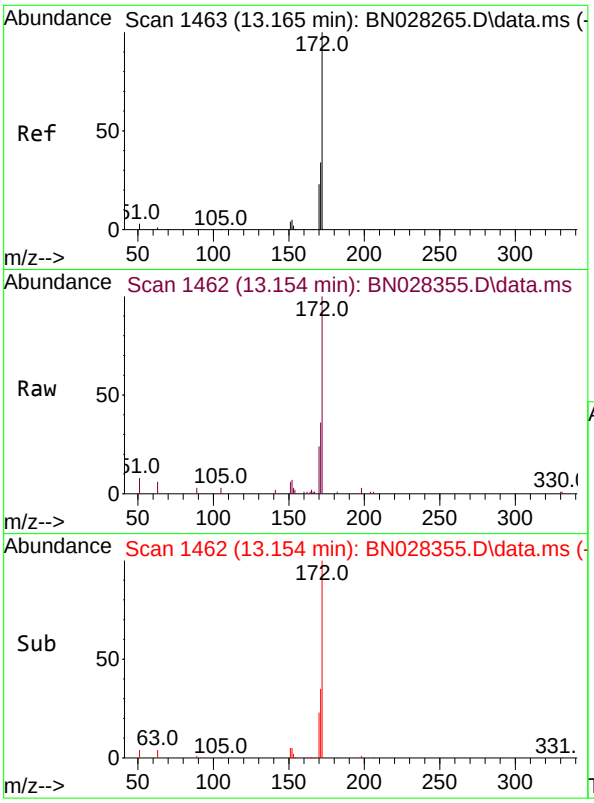


#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 16.052 min Scan# 1726
Delta R.T. -0.012 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:330 Resp: 320

Ion	Ratio	Lower	Upper
330	100		
332	95.3	74.1	111.1
141	54.7	32.1	48.1#



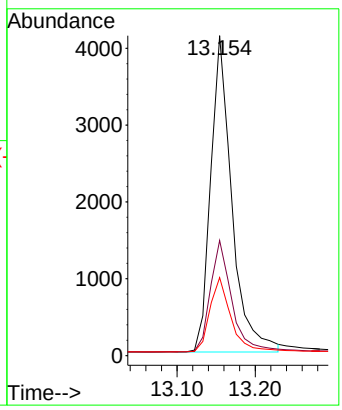


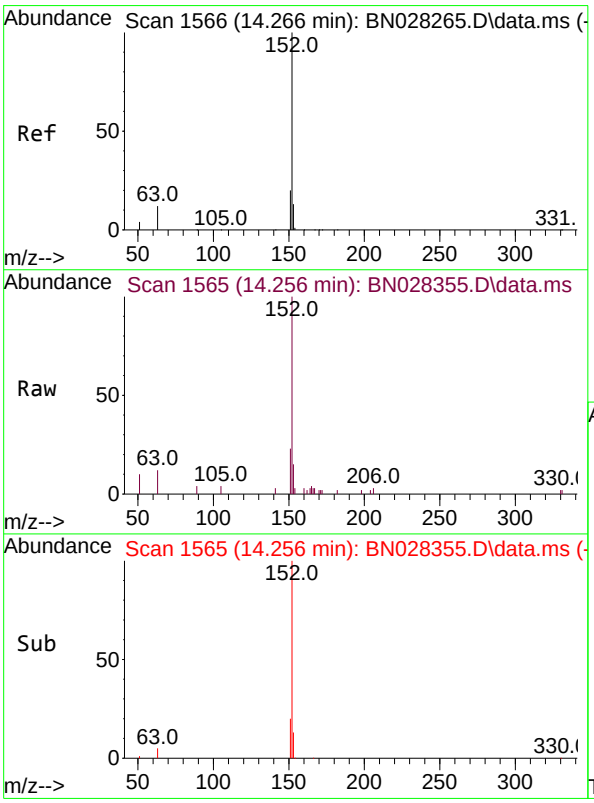
#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.154 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:172 Resp: 7762

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.3	42.5
170	24.4	18.7	28.1

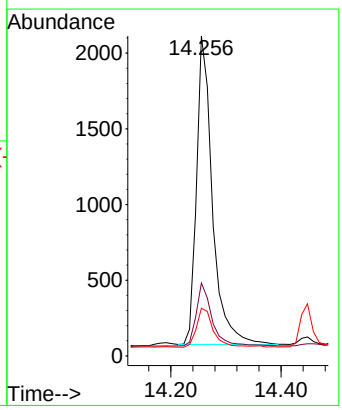


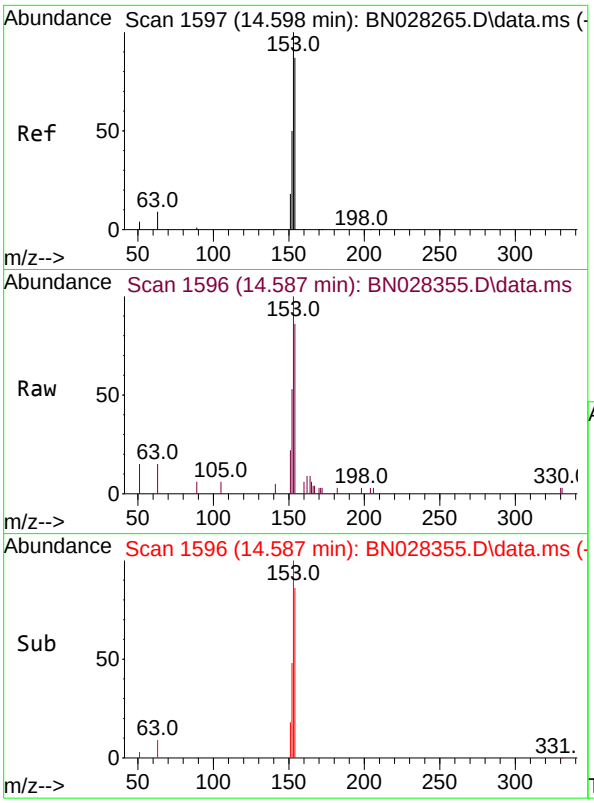


#16
Acenaphthylene
Concen: 0.117 ng
RT: 14.256 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:152 Resp: 4062

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4
153	13.5	10.6	16.0



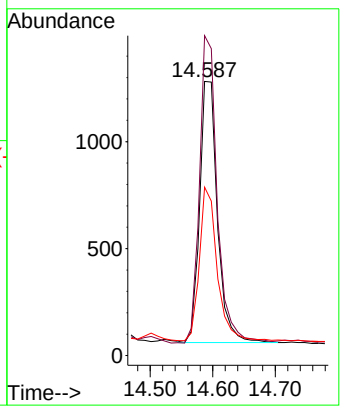


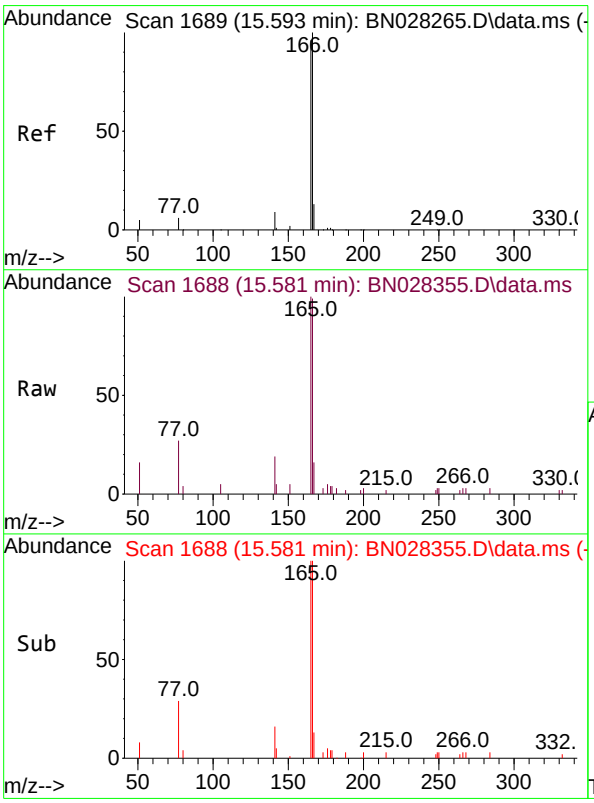
#17
Acenaphthene
Concen: 0.110 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:154 Resp: 2414

Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.7	136.1
152	58.7	43.6	65.4

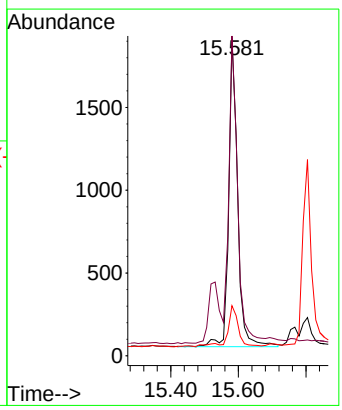


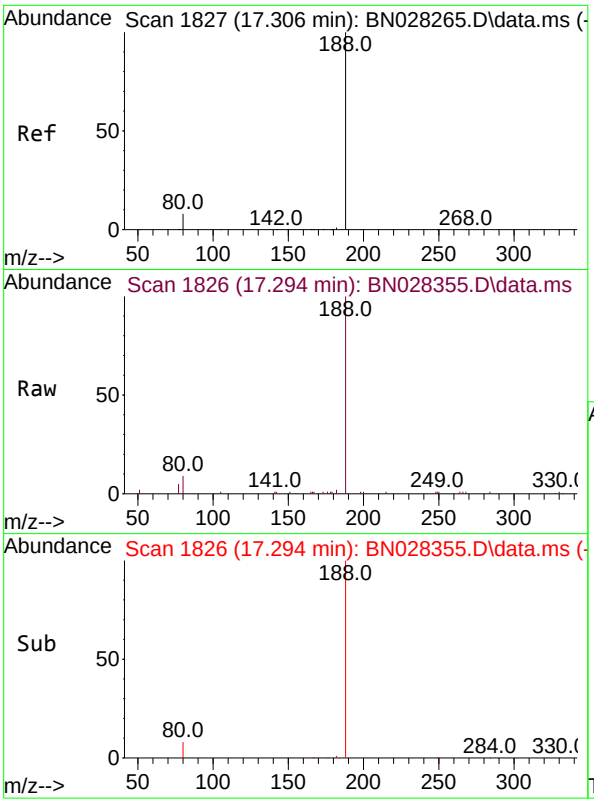


#18
Fluorene
Concen: 0.113 ng
RT: 15.581 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:166 Resp: 3260

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.3	118.9
167	15.6	10.9	16.3



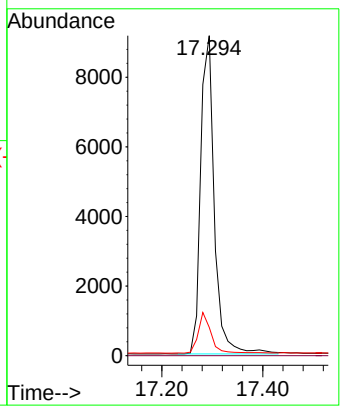


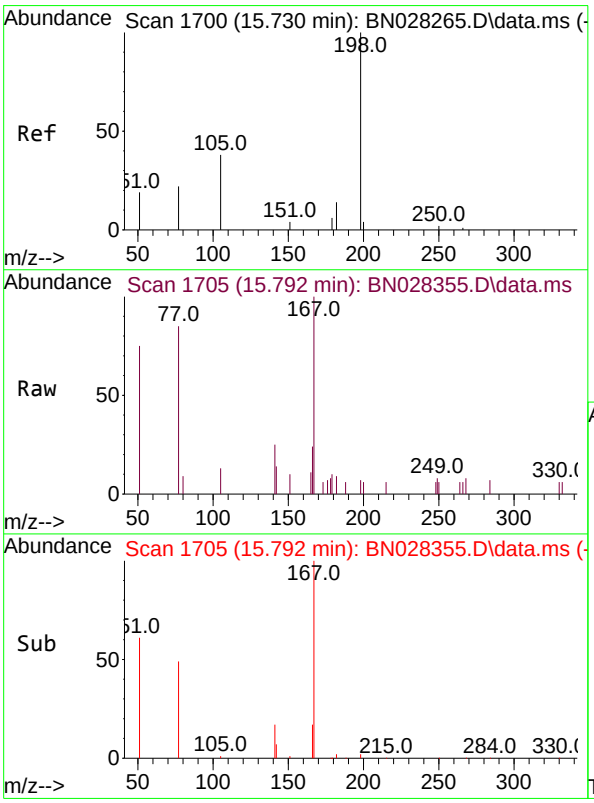
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:188 Resp: 17135

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

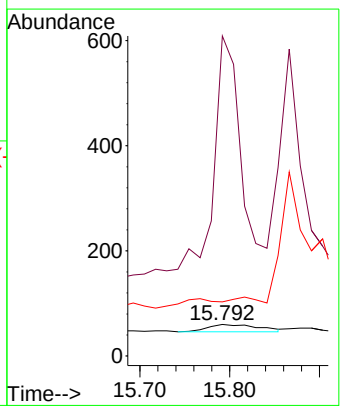


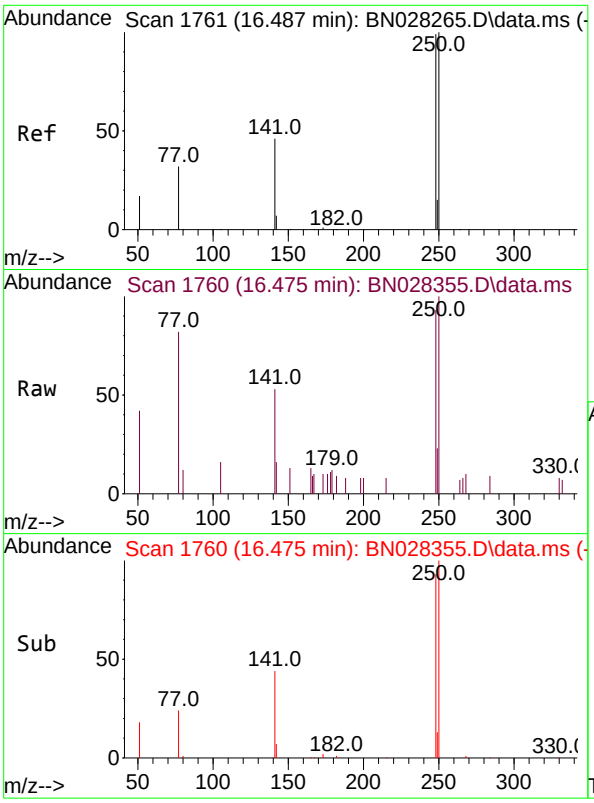


#20
4,6-Dinitro-2-methylphenol
Concen: 0.230 ng
RT: 15.792 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:198 Resp: 56

Ion	Ratio	Lower	Upper
198	100		
51	1015.0	96.1	144.1#
105	171.7	75.4	113.0#



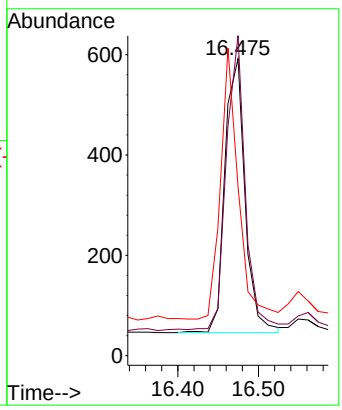


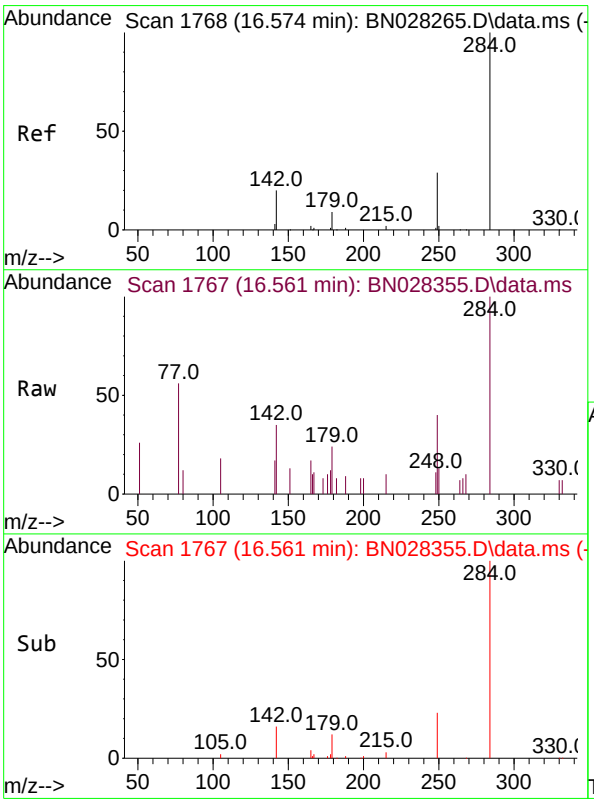
#21
4-Bromophenyl-phenylether
Concen: 0.107 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:248 Resp: 944

Ion	Ratio	Lower	Upper
248	100		
250	107.8	80.5	120.7
141	56.9	38.9	58.3

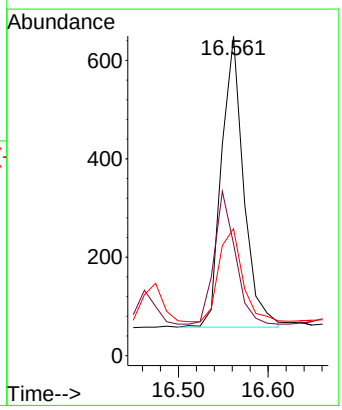


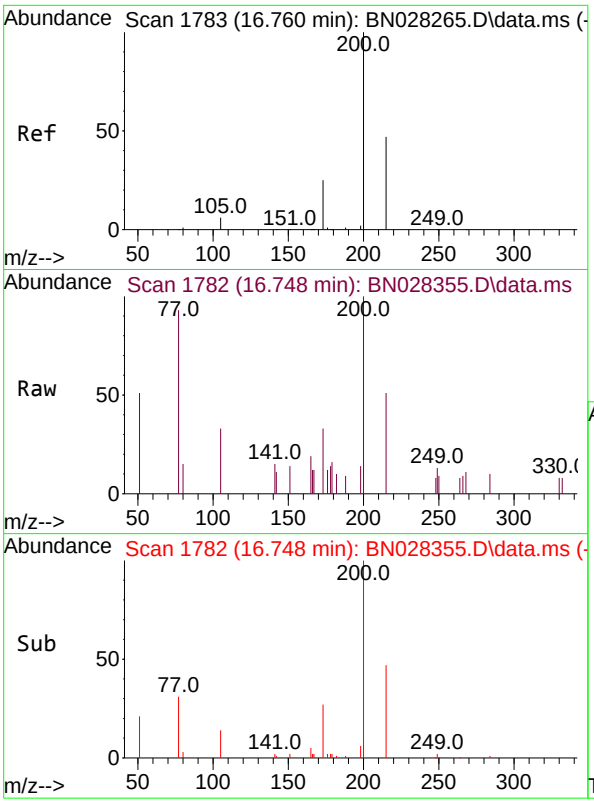


#22
Hexachlorobenzene
Concen: 0.111 ng
RT: 16.561 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:284 Resp: 1010

Ion	Ratio	Lower	Upper
284	100		
142	43.6	32.1	48.1
249	34.5	25.5	38.3



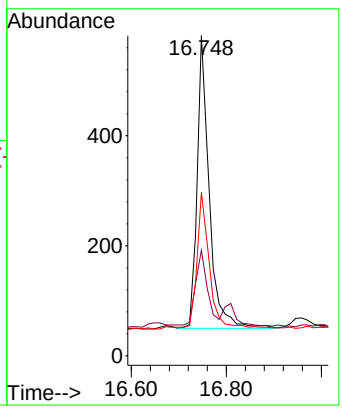


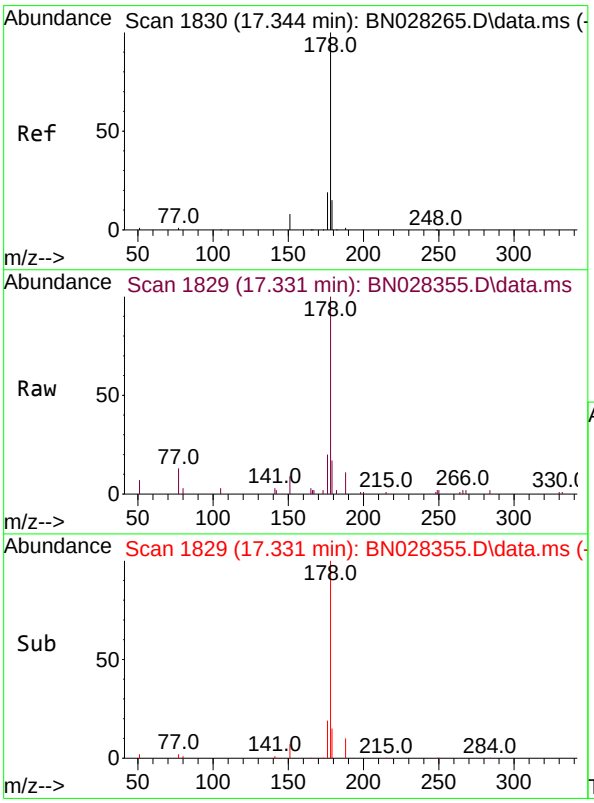
#23
Atrazine
Concen: 0.113 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:200 Resp: 939

Ion	Ratio	Lower	Upper
200	100		
173	33.0	21.6	32.4#
215	51.0	39.0	58.6

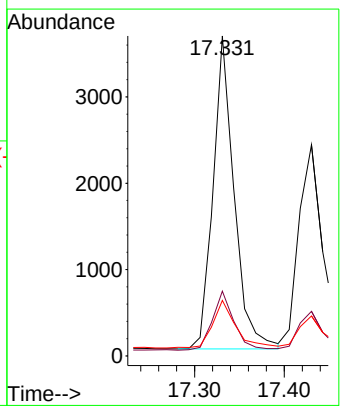


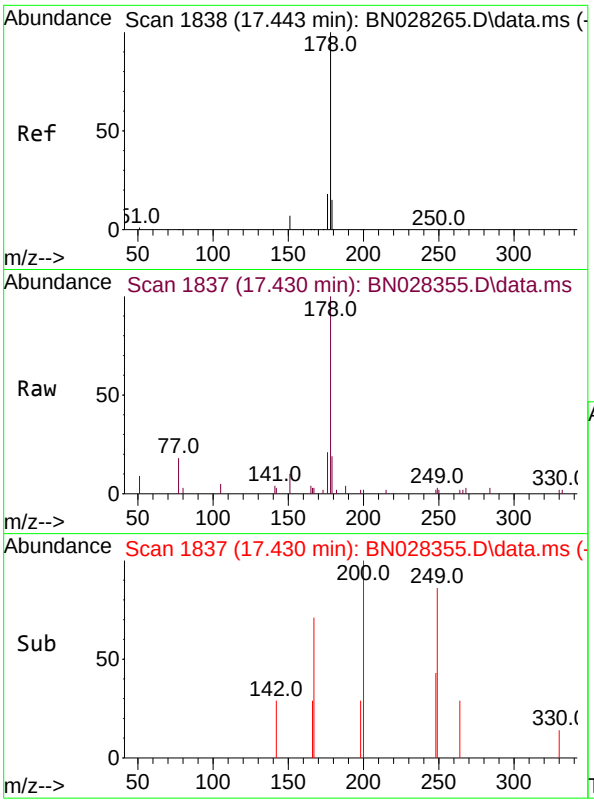


#25
Phenanthrene
Concen: 0.127 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:178 Resp: 5937

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.6	12.5	18.7



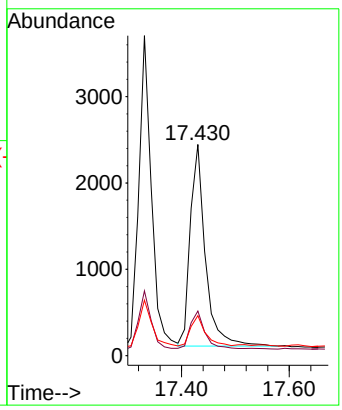


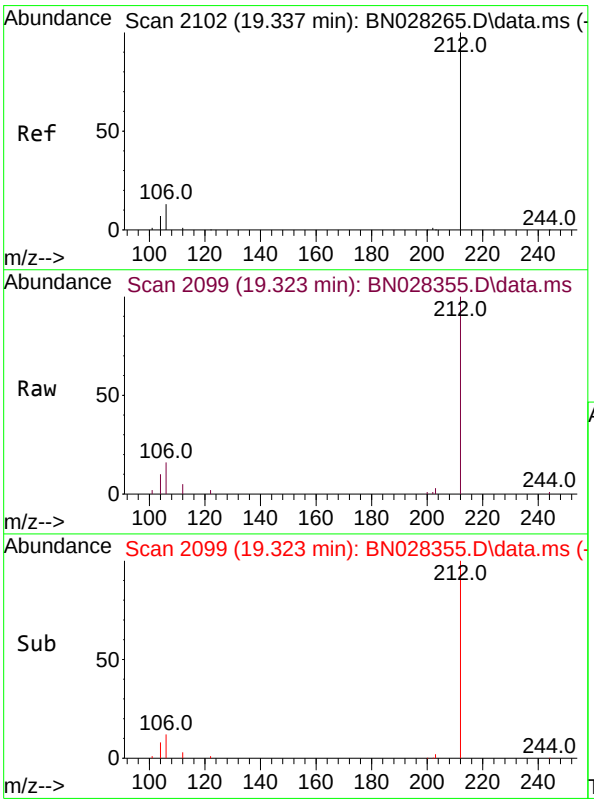
#26
Anthracene
Concen: 0.102 ng
RT: 17.430 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:178 Resp: 4562

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	14.6	12.2	18.4

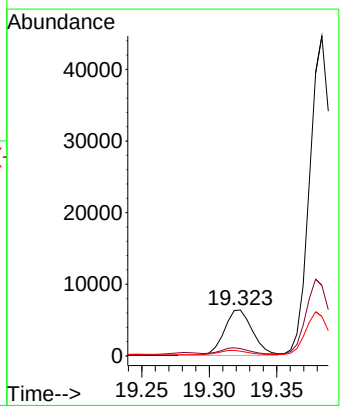


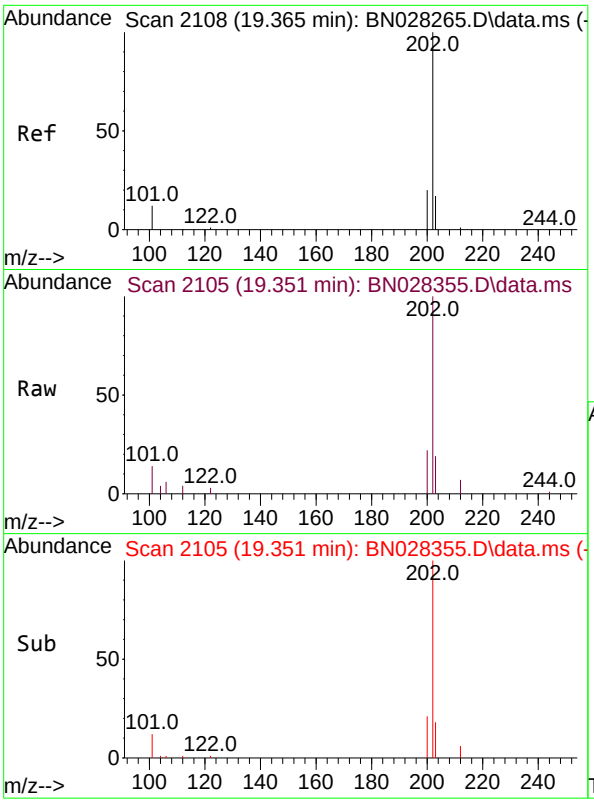


#27
Fluoranthene-d10
Concen: 0.202 ng
RT: 19.323 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:212 Resp: 9261

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.5	17.3
104	10.3	6.7	10.1#



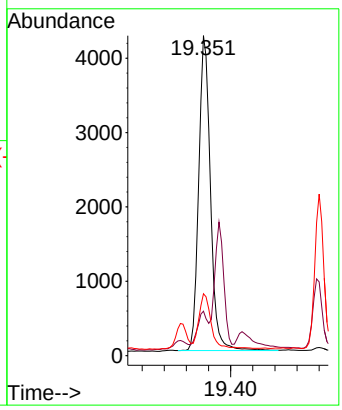


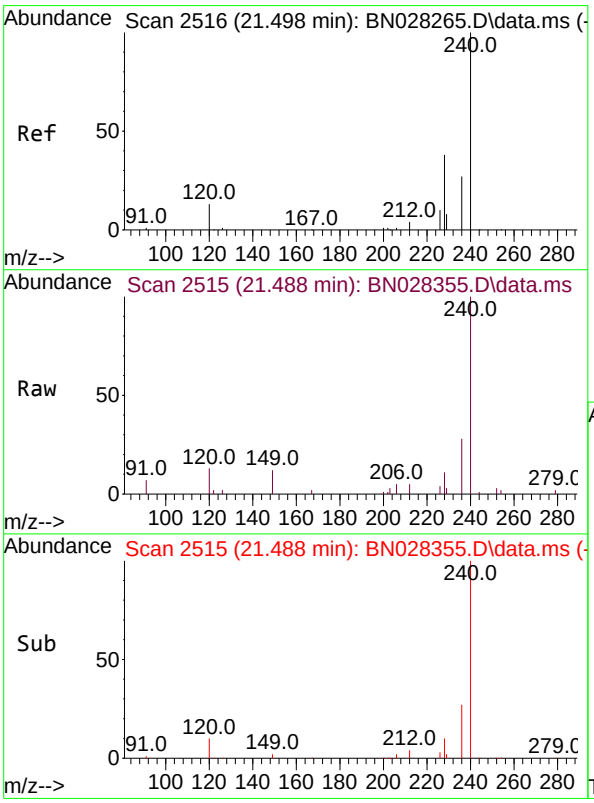
#28
Fluoranthene
Concen: 0.105 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:202 Resp: 6200

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.1	15.1
203	16.8	13.9	20.9

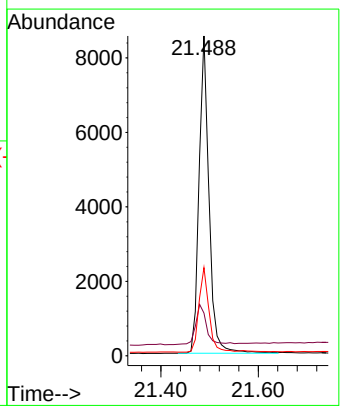


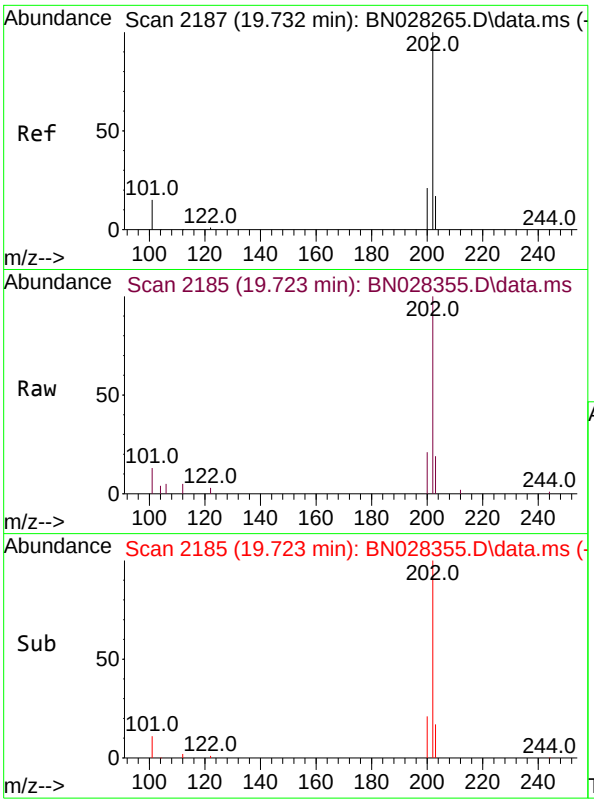


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.488 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:240 Resp: 12146

Ion	Ratio	Lower	Upper
240	100		
120	13.3	13.4	20.0#
236	27.6	22.7	34.1



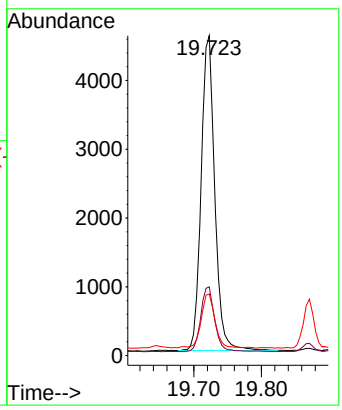


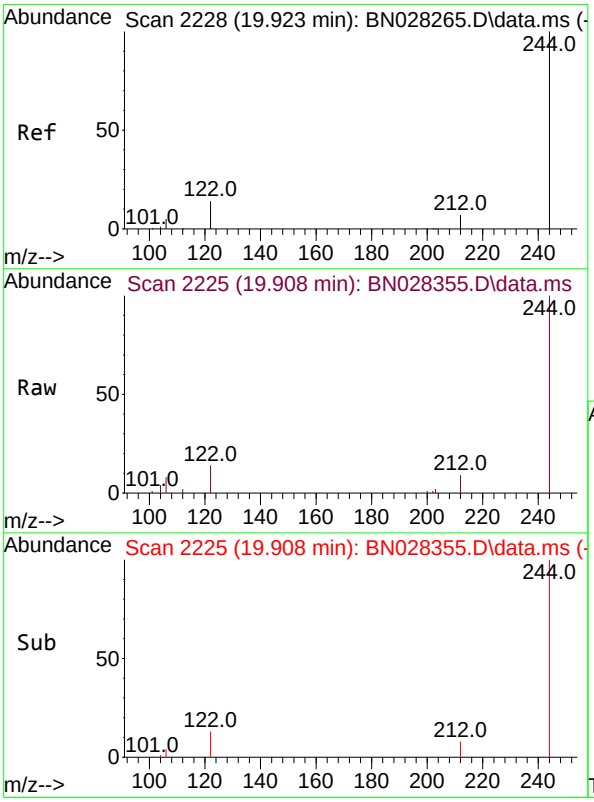
#30
Pyrene
Concen: 0.154 ng
RT: 19.723 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:202 Resp: 6413

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.8	14.5	21.7

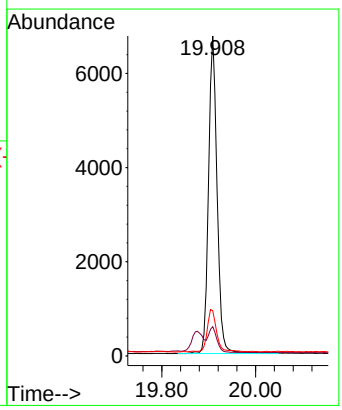


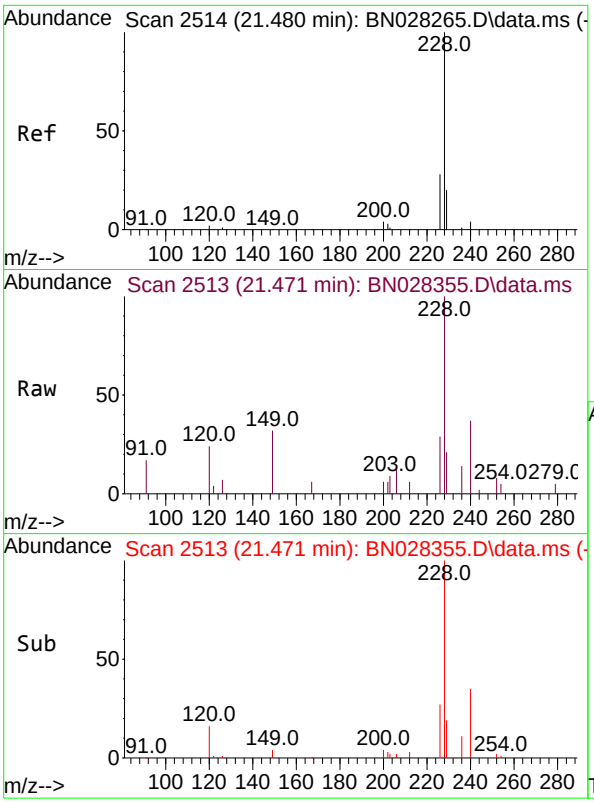


#31
Terphenyl-d14
Concen: 0.332 ng
RT: 19.908 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:244 Resp: 8556

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.6	10.0
122	14.1	11.7	17.5



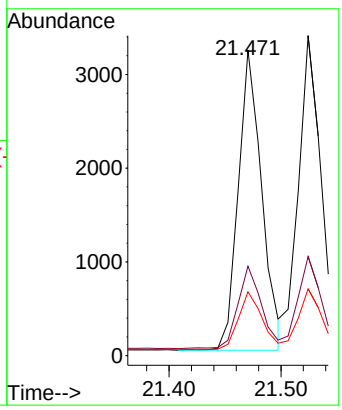


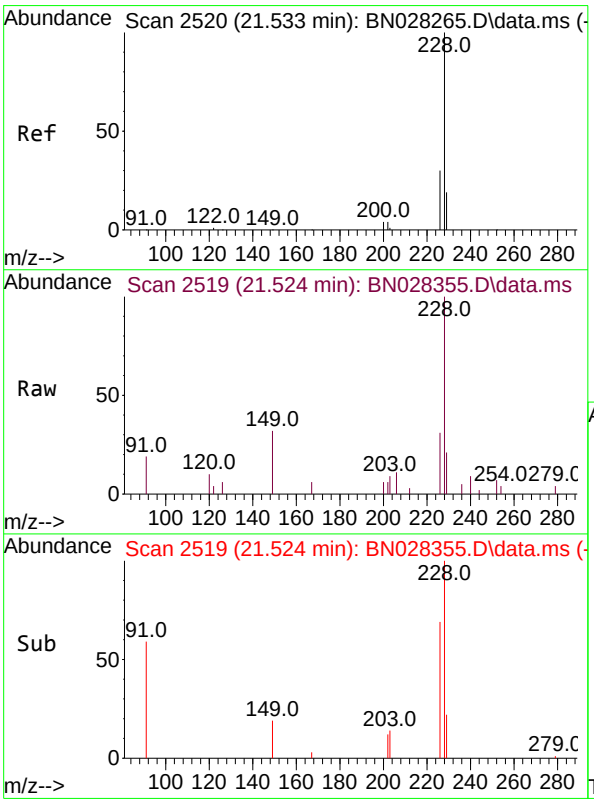
#32
Benzo(a)anthracene
Concen: 0.108 ng
RT: 21.471 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:228 Resp: 4656

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	20.9	16.6	24.8

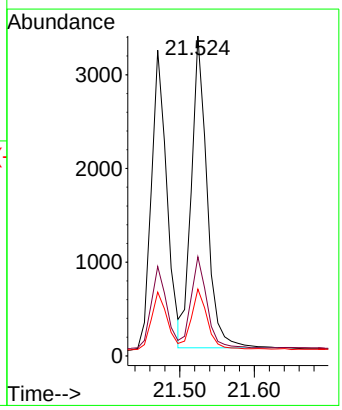


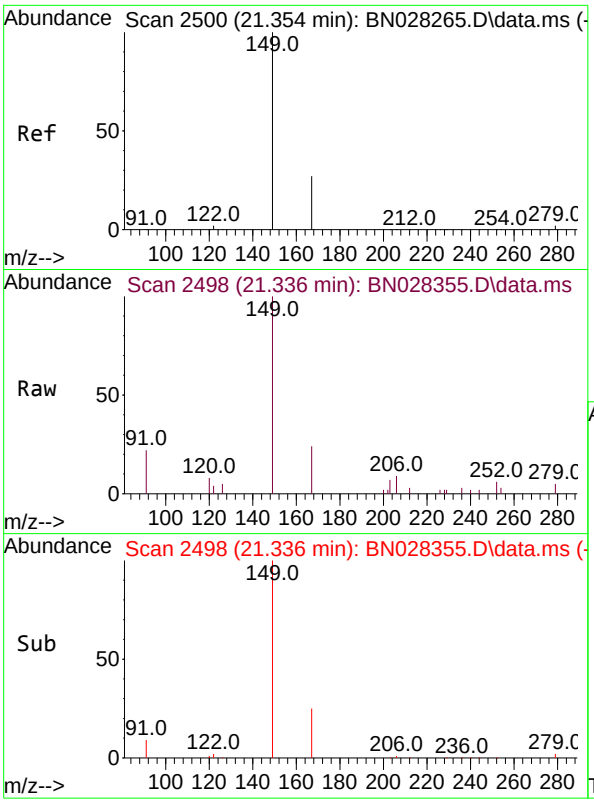


#33
Chrysene
Concen: 0.117 ng
RT: 21.524 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:228 Resp: 4840

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	20.9	16.6	25.0



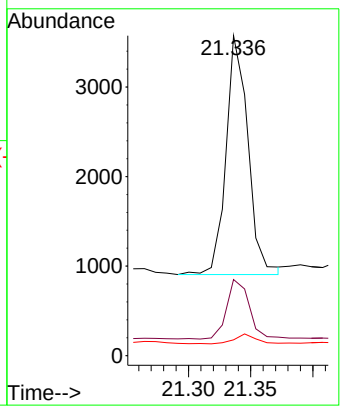


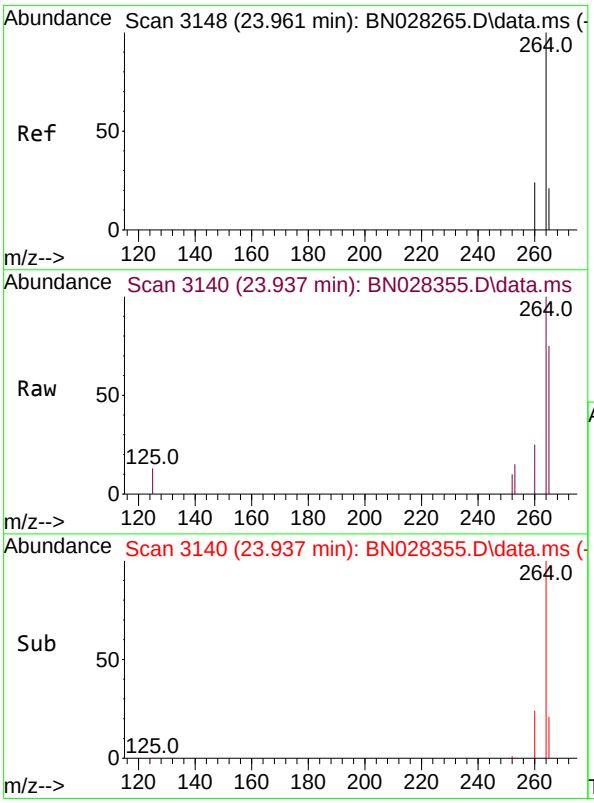
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.100 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:149 Resp: 3287

Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.6	34.0
279	4.1	4.2	6.2#

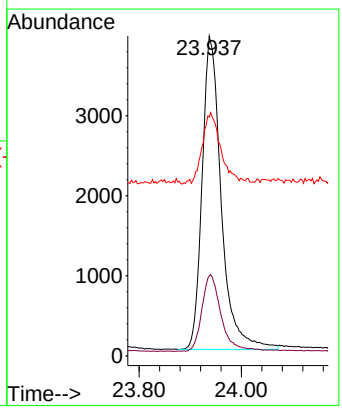


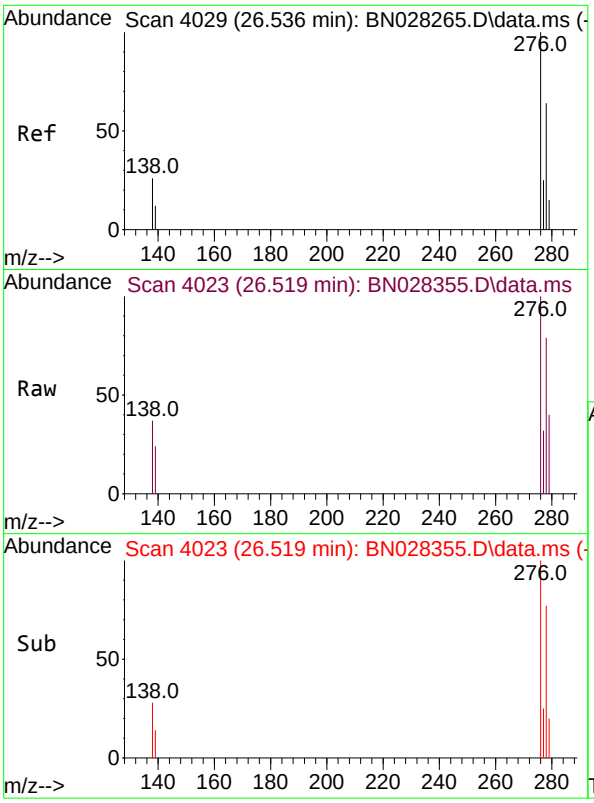


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.937 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:264 Resp: 10143

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.7	31.1
265	74.6	38.3	57.5#



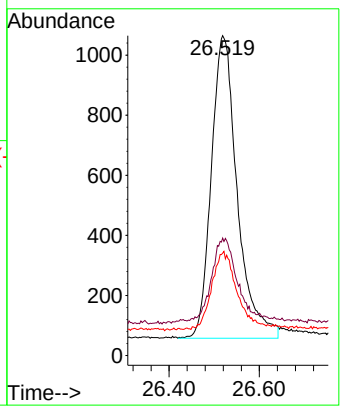


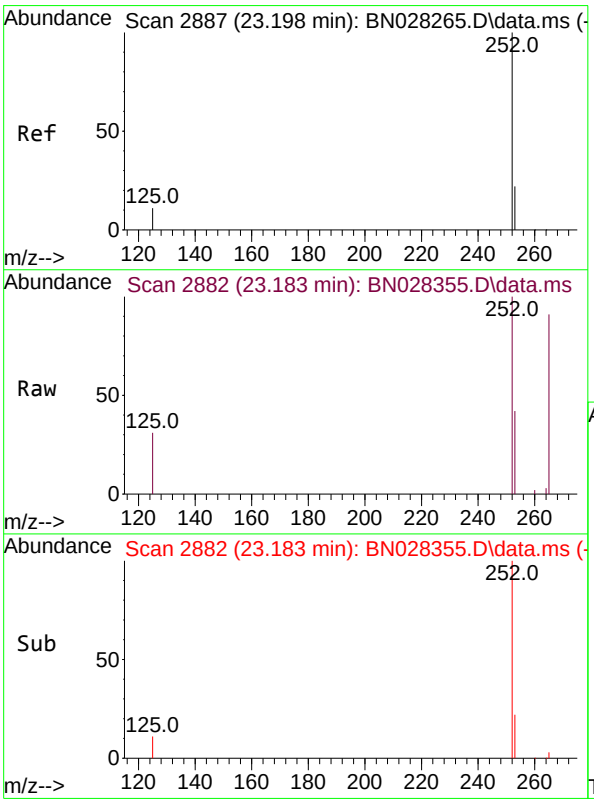
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng
RT: 26.519 min Scan# 40
Delta R.T. 0.015 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:276 Resp: 4019

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.3	31.9
277	25.0	20.0	30.0

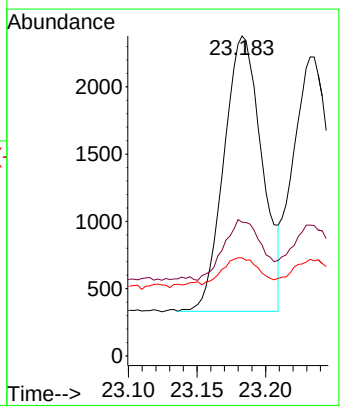


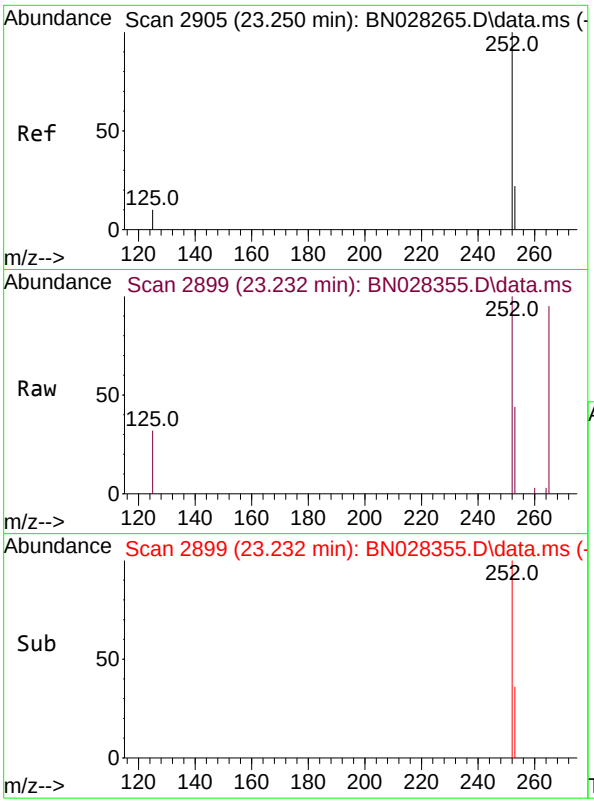


#37
Benzo(b)fluoranthene
Concen: 0.125 ng
RT: 23.183 min Scan# 2882
Delta R.T. 0.006 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:252 Resp: 3963

Ion	Ratio	Lower	Upper
252	100		
253	41.8	21.8	32.8#
125	30.6	15.6	23.4#



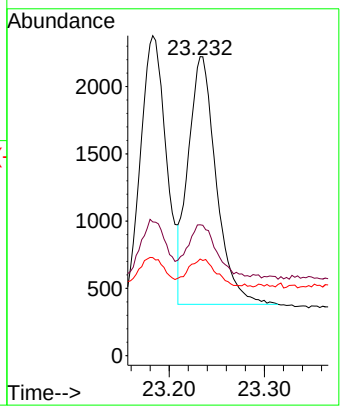


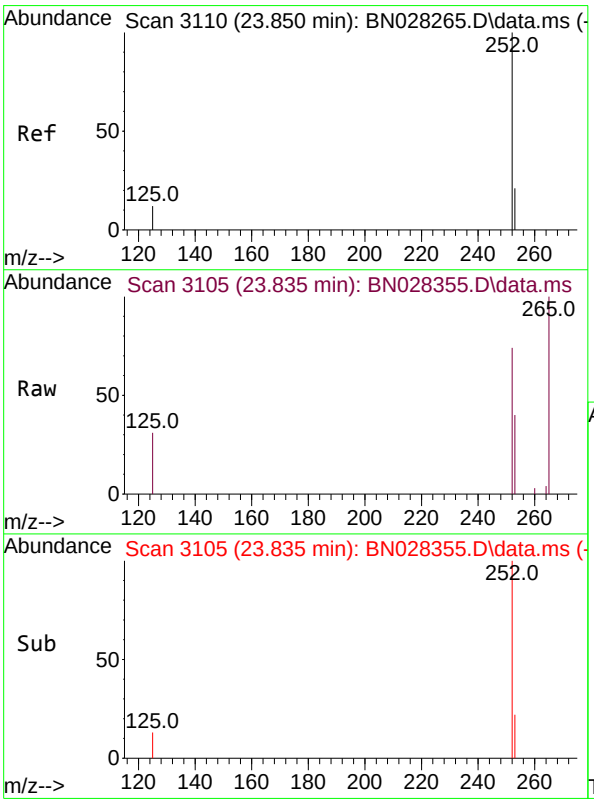
#38
Benzo(k)fluoranthene
Concen: 0.117 ng
RT: 23.232 min Scan# 28
Delta R.T. 0.006 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:252 Resp: 3778

Ion	Ratio	Lower	Upper
252	100		
253	43.8	22.0	33.0#
125	32.3	15.3	22.9#

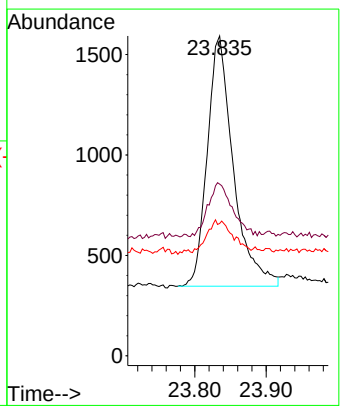


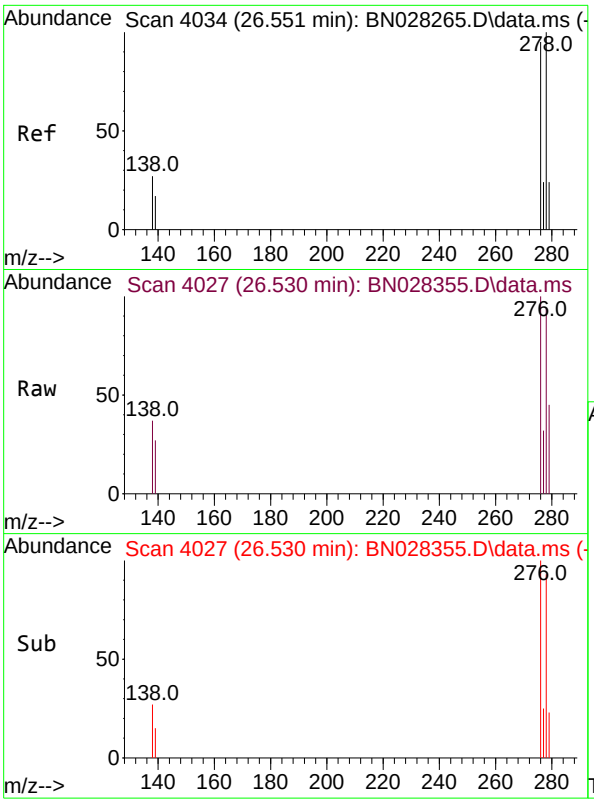


#39
Benzo(a)pyrene
Concen: 0.100 ng
RT: 23.835 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:252 Resp: 3159

Ion	Ratio	Lower	Upper
252	100		
253	53.7	22.7	34.1#
125	41.4	17.0	25.6#



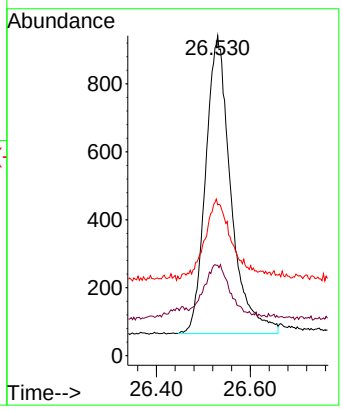


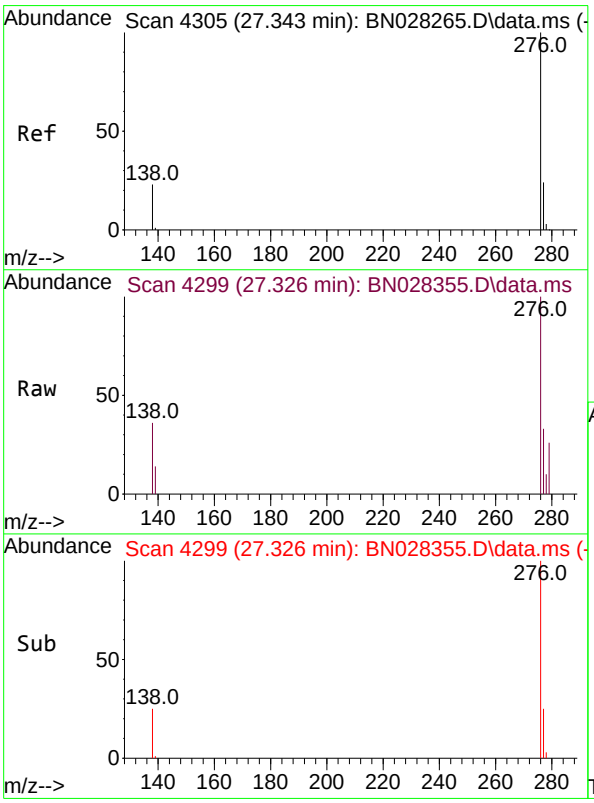
#40
Dibenzo(a,h)anthracene
Concen: 0.098 ng
RT: 26.530 min Scan# 40
Delta R.T. 0.012 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-06-190-210-101823

Tgt Ion:278 Resp: 3268

Ion	Ratio	Lower	Upper
278	100		
139	28.2	18.8	28.2#
279	47.1	23.5	35.3#





#41
Benzo(g,h,i)perylene
Concen: 0.102 ng
RT: 27.326 min Scan# 4299
Delta R.T. 0.020 min
Lab File: BN028355.D
Acq: 23 Oct 2023 21:25

Tgt Ion:276 Resp: 3489

Ion	Ratio	Lower	Upper
276	100		
277	33.1	21.7	32.5#
138	36.0	21.7	32.5#