Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025686.D
Acq On : 28 May 2023 18:01
Operator : CG/JU
Sample : PB152962BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Quant Time: May 29 01:40:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5700	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16246	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	9231	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	18717	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	10216	0.400	ng		0.00
35) Perylene-d12	24.075	264	9108	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5932	0.406	ng		0.00
5) Phenol-d6	7.167	99	7159	0.409	ng		0.00
8) Nitrobenzene-d5	9.180	82	5309	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9529	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	909	0.487	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15654	0.411	ng		0.00
27) Fluoranthene-d10	19.421	212	16753	0.395	ng		0.00
31) Terphenyl-d14	20.015	244	10180	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2910	0.441	ng		98
3) n-Nitrosodimethylamine	3.744	42	2325	0.327	ng	#	90
6) bis(2-Chloroethyl)ether	7.434	93	7484	0.415	ng		98
9) Naphthalene	10.889	128	18471	0.416	ng		99
10) Hexachlorobutadiene	11.166	225	3191	0.414	ng	#	98
12) 2-Methylnaphthalene	12.495	142	12606	0.412	ng		99
16) Acenaphthylene	14.373	152	17552	0.403	ng		99
17) Acenaphthene	14.715	154	11921	0.415	ng		100
18) Fluorene	15.693	166	15609	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	1065	0.520	ng	#	70
21) 4-Bromophenyl-phenylether	16.586	248	4434	0.417	ng	#	88
22) Hexachlorobenzene	16.698	284	4073	0.419	ng		99
23) Atrazine	16.847	200	3360	0.396	ng		95
24) Pentachlorophenol	17.070	266	524	0.743	ng	#	85
25) Phenanthrene	17.430	178	23977	0.421	ng		100
26) Anthracene	17.530	178	20844	0.405	ng		99
28) Fluoranthene	19.453	202	24403	0.393	ng		100
30) Pyrene	19.816	202	24534	0.493	ng		99
32) Benzo(a)anthracene	21.560	228	15203	0.399	ng		99
33) Chrysene	21.614	228	18192	0.441	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	10302	0.445	ng		100
36) Indeno(1,2,3-cd)pyrene	26.671	276	16048	0.459	ng	#	60
37) Benzo(b)fluoranthene	23.306	252	14382	0.415	ng		99
38) Benzo(k)fluoranthene	23.358	252	14343	0.397	ng		99
39) Benzo(a)pyrene	23.961	252	13986	0.422	ng		96
40) Dibenzo(a,h)anthracene	26.703	278	12378	0.448	ng		99
41) Benzo(g,h,i)perylene	27.472	276	14527	0.460	ng		98

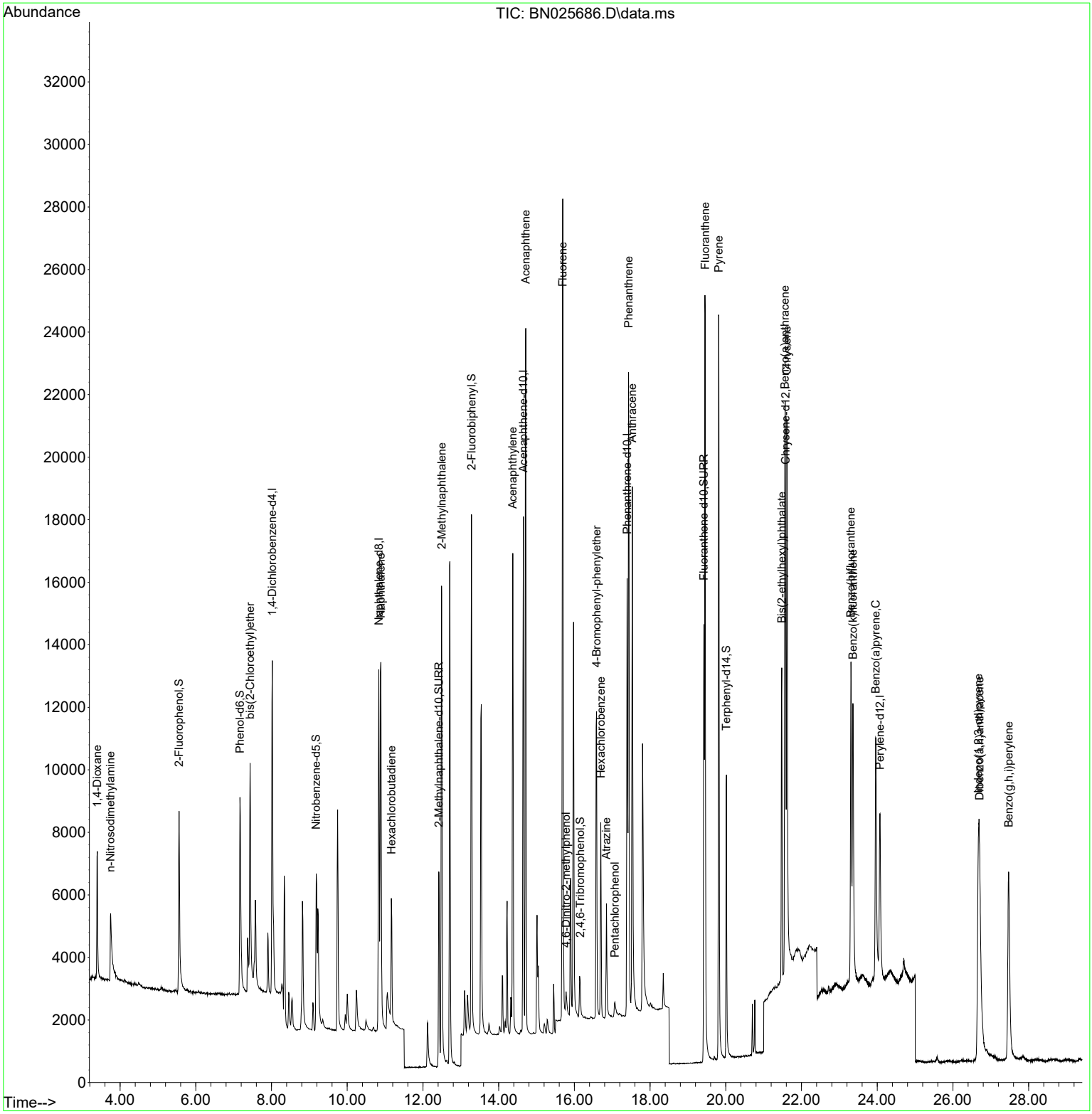
(#) = qualifier out of range (m) = manual integration (+) = signals summed

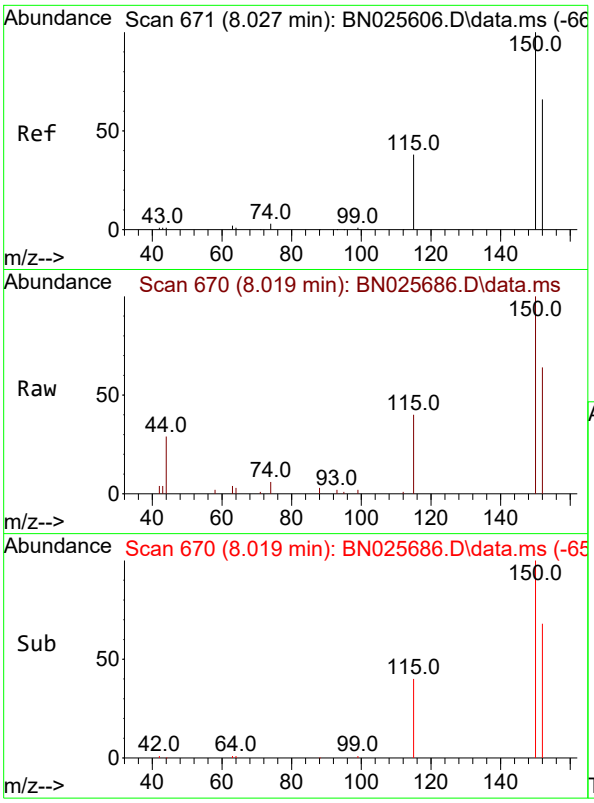
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025686.D
Acq On : 28 May 2023 18:01
Operator : CG/JU
Sample : PB152962BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Quant Time: May 29 01:40:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



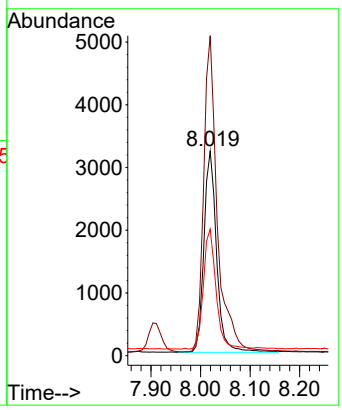


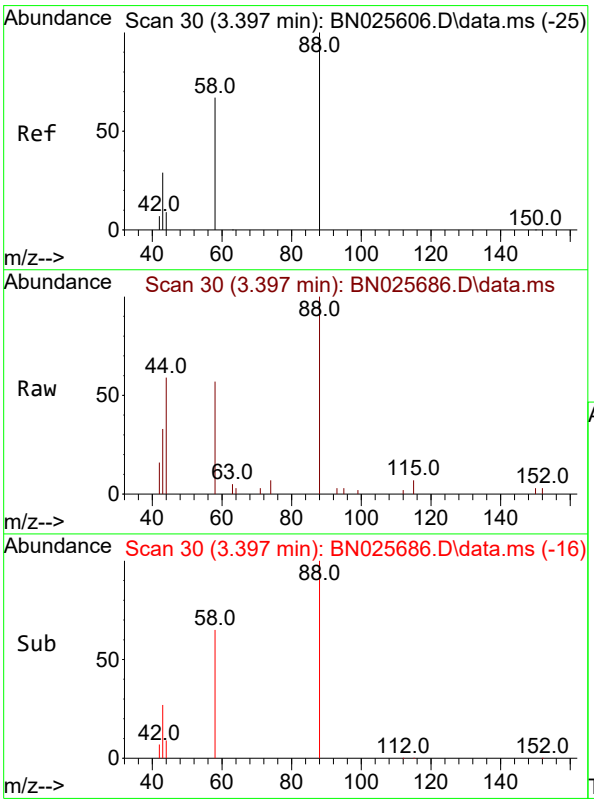
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:152 Resp: 5700

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.0	181.6
115	61.8	48.5	72.7

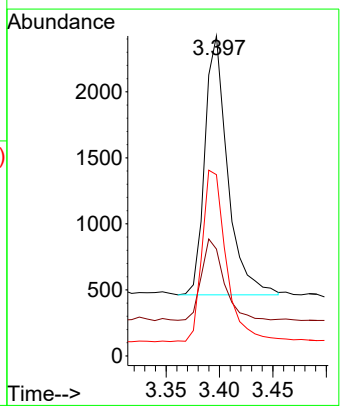


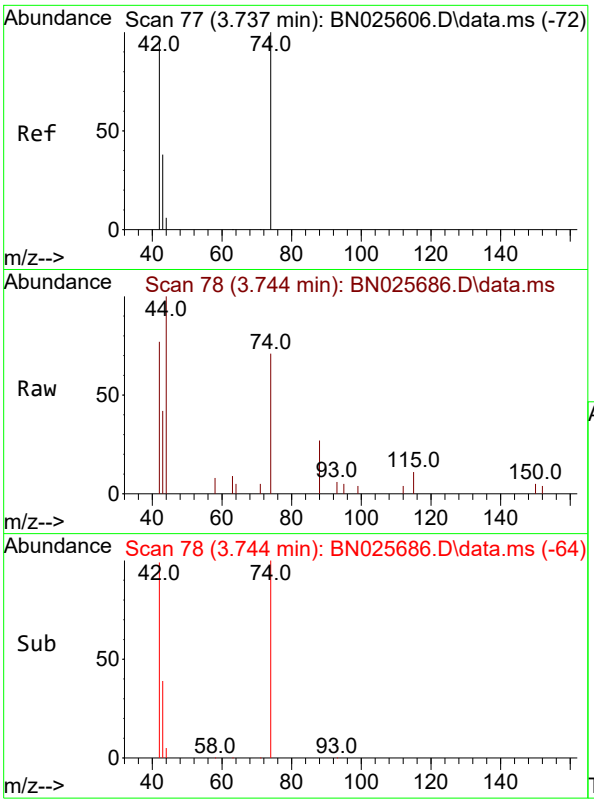


#2
1,4-Dioxane
Concen: 0.441 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion: 88 Resp: 2910

Ion	Ratio	Lower	Upper
88	100		
43	31.1	26.5	39.7
58	70.3	56.8	85.2



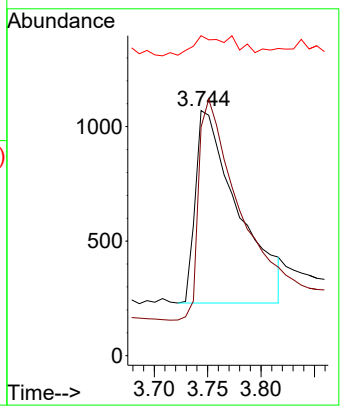


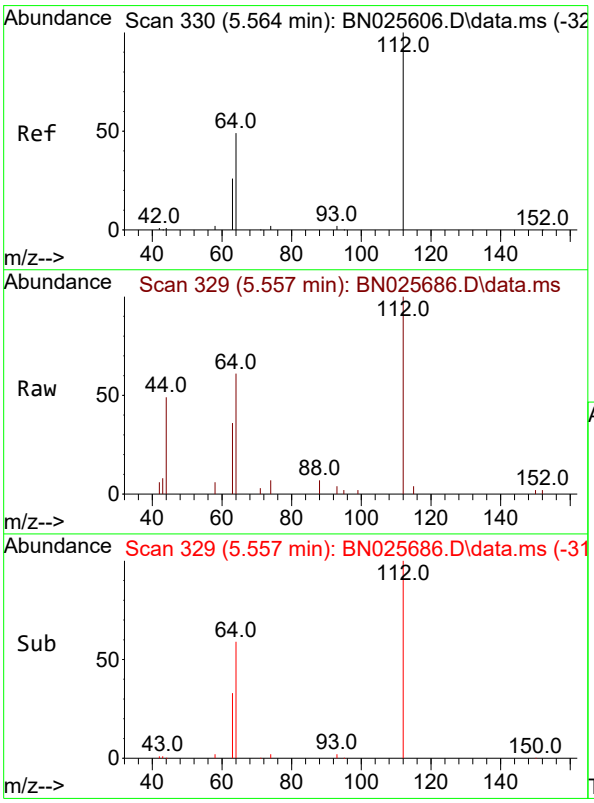
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.744 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion: 42 Resp: 2325

Ion	Ratio	Lower	Upper
42	100		
74	112.9	82.2	123.2
44	11.3	0.0	0.0#

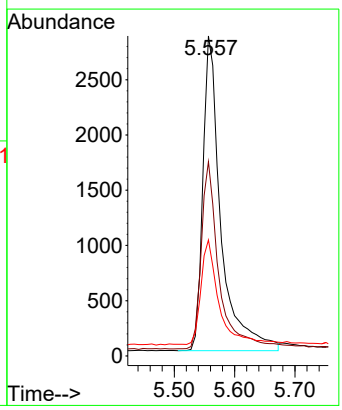


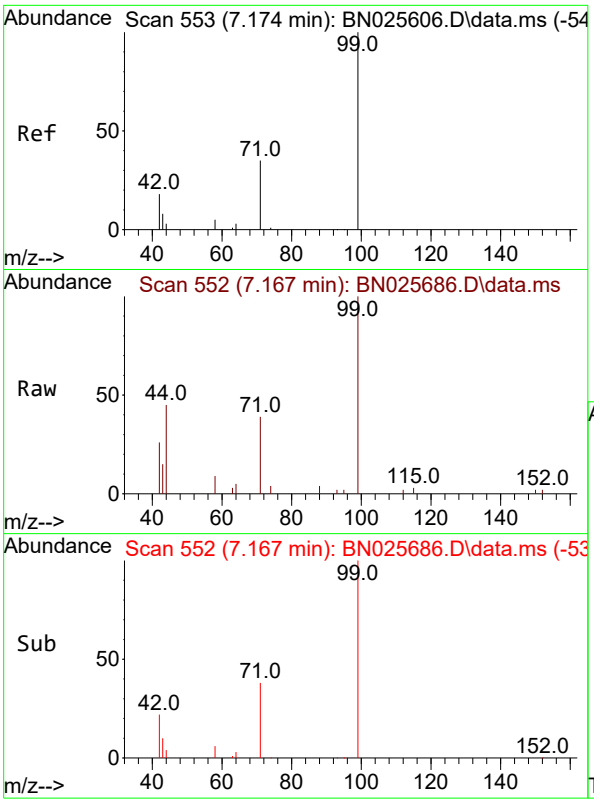


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.557 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:112 Resp: 5932

Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.7	68.5
63	32.9	26.2	39.2



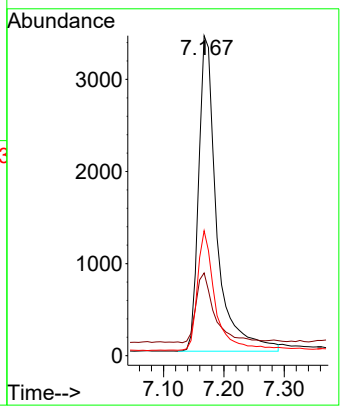


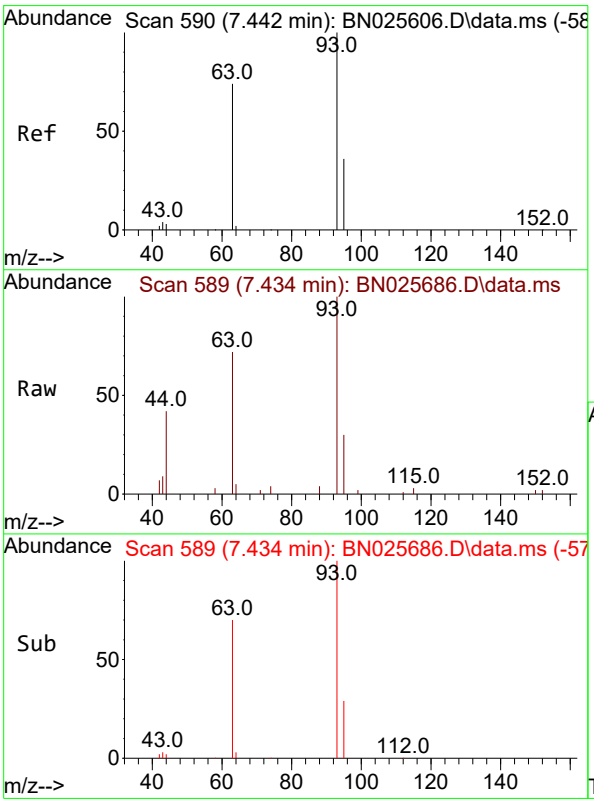
#5
Phenol-d6
Concen: 0.409 ng
RT: 7.167 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion: 99 Resp: 7159

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.1	25.7
71	37.2	29.3	43.9

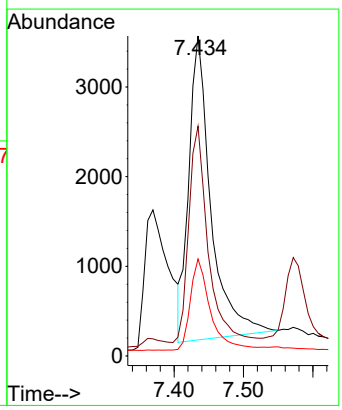


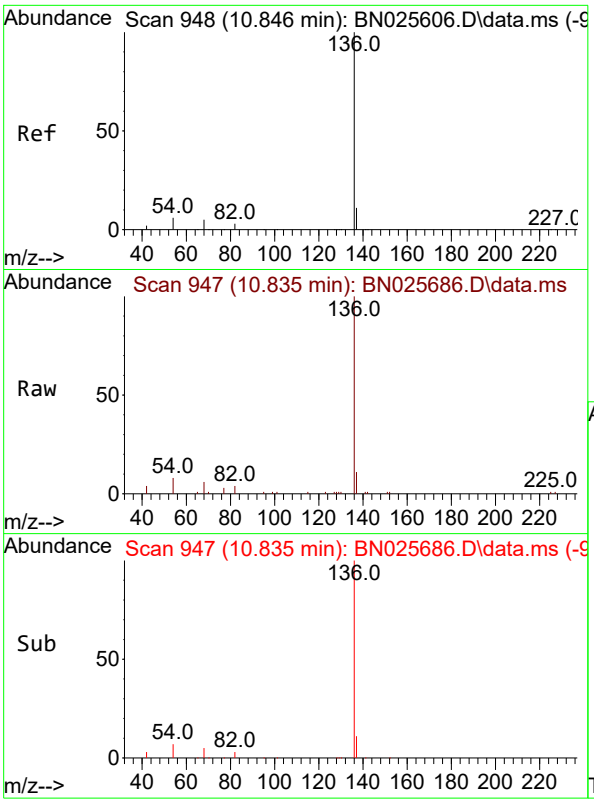


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion: 93 Resp: 7484

Ion	Ratio	Lower	Upper
93	100		
63	63.0	49.1	73.7
95	27.4	22.6	33.8



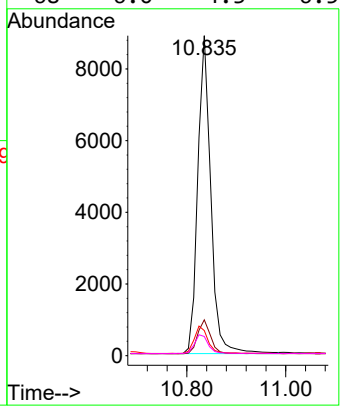


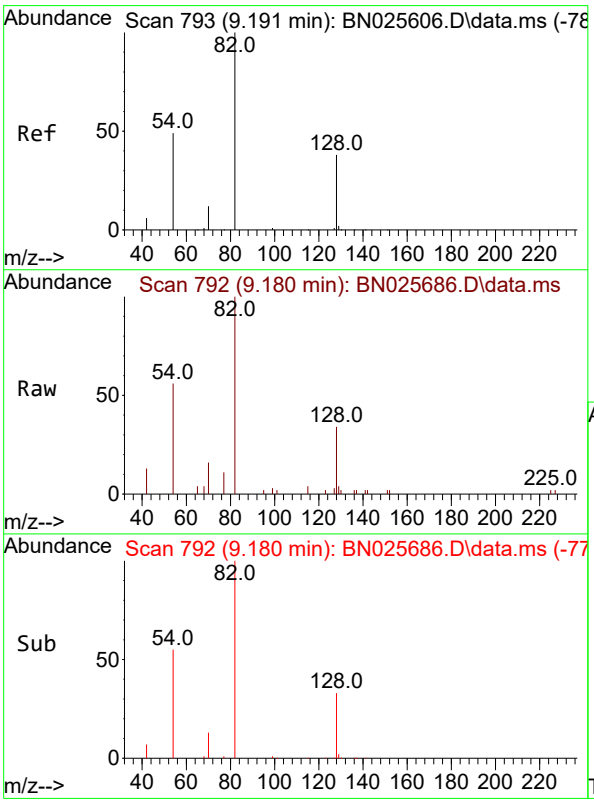
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:136 Resp: 16246

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.8	5.4	8.0
68	6.0	4.3	6.5

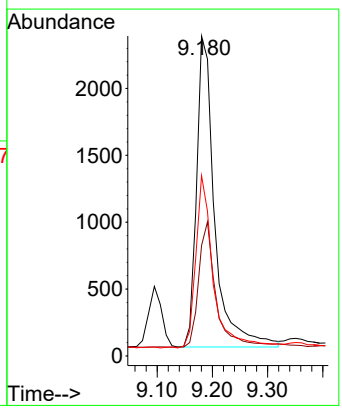


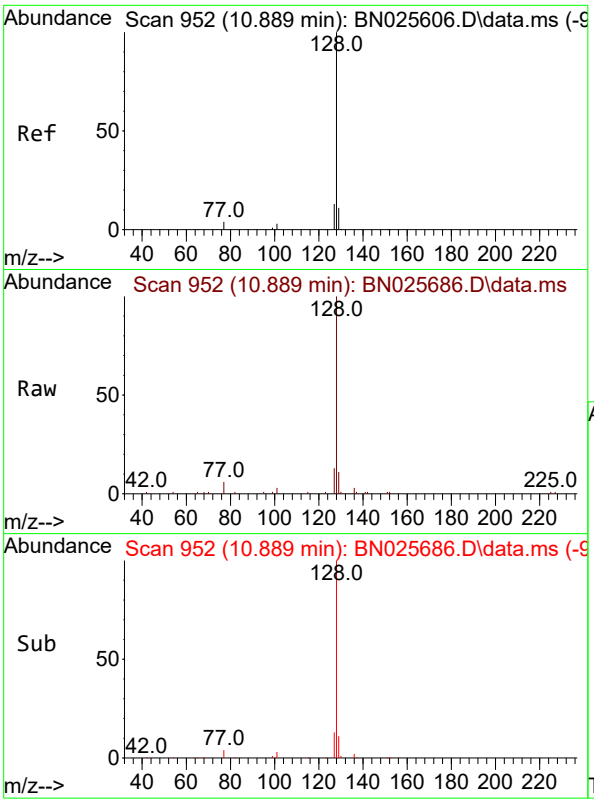


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion: 82 Resp: 5309

Ion	Ratio	Lower	Upper
82	100		
128	34.5	32.5	48.7
54	56.3	40.6	60.8



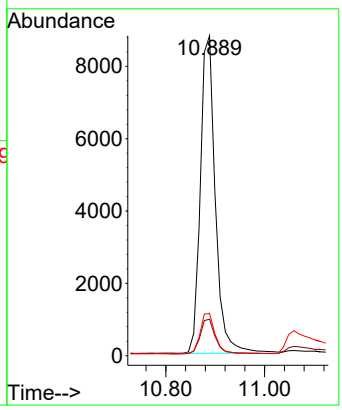


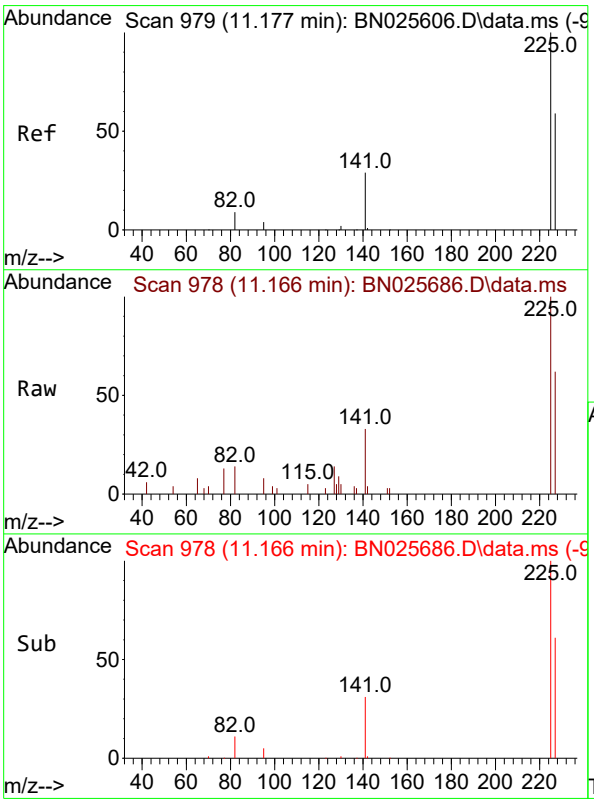
#9
Naphthalene
Concen: 0.416 ng
RT: 10.889 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:128 Resp: 18471

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.3	11.0	16.6

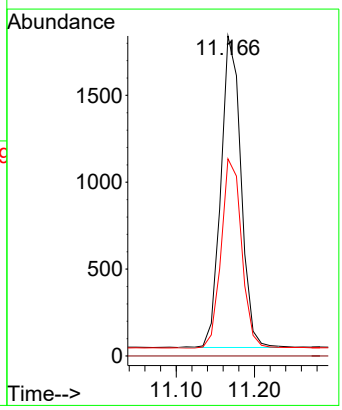


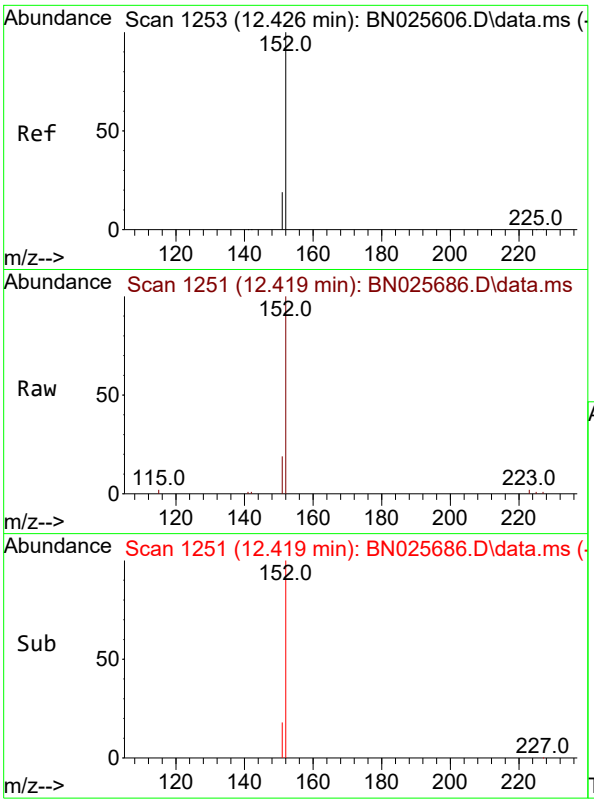


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:225 Resp: 3191

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.7	48.4	72.6



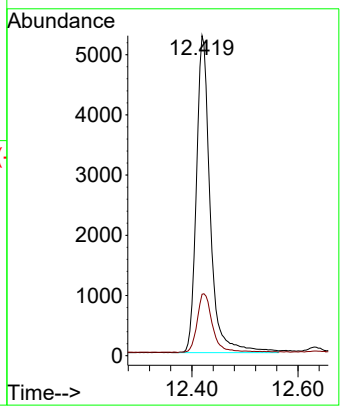


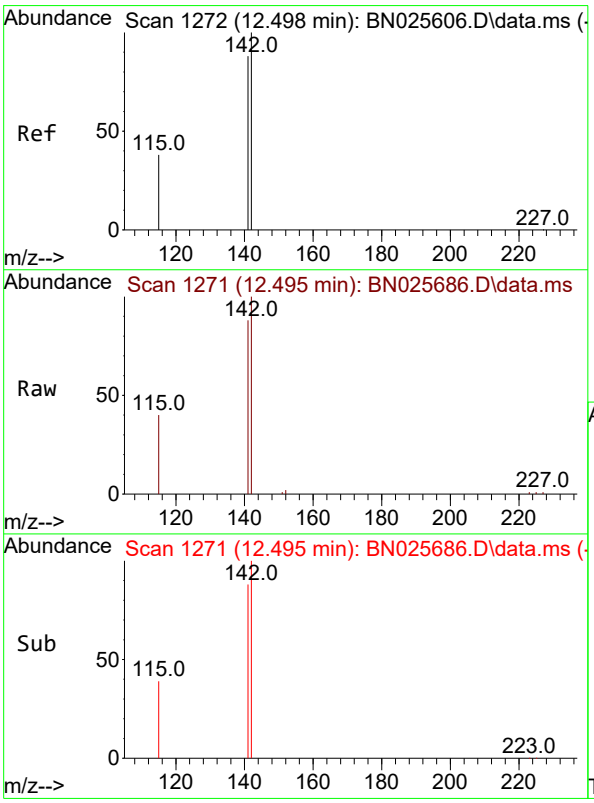
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:152 Resp: 9529

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1

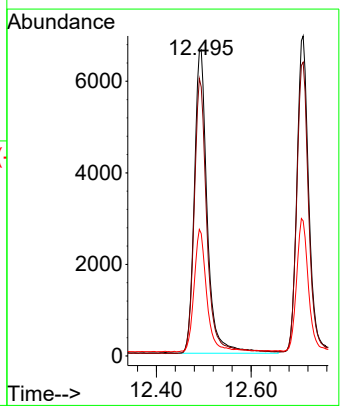


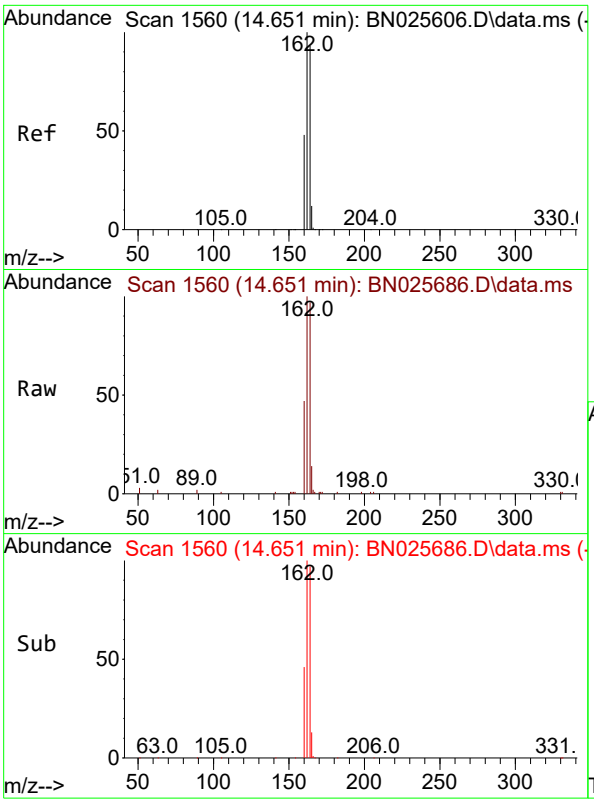


#12
2-Methylnaphthalene
Concen: 0.412 ng
RT: 12.495 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:142 Resp: 12606

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1
115	40.0	31.5	47.3



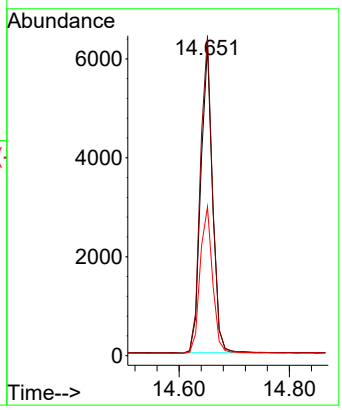


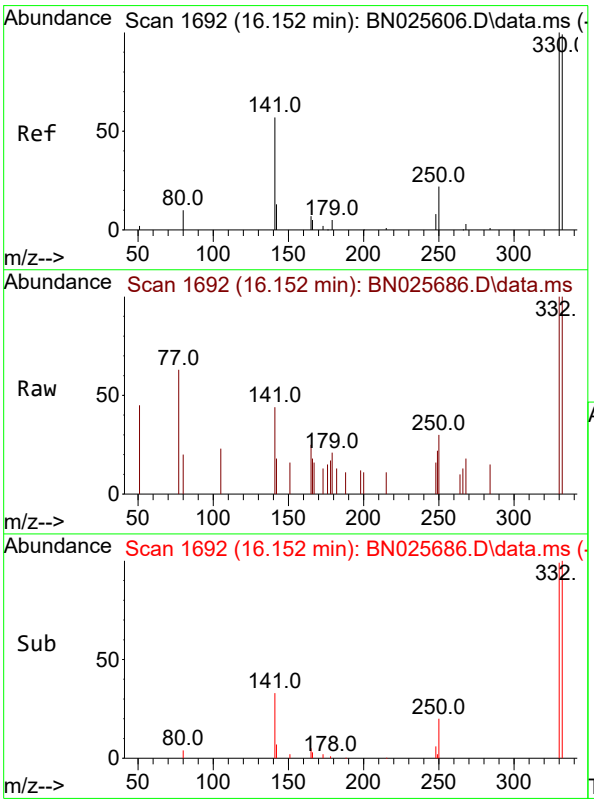
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:164 Resp: 9231

Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.4	129.6
160	48.1	41.9	62.9

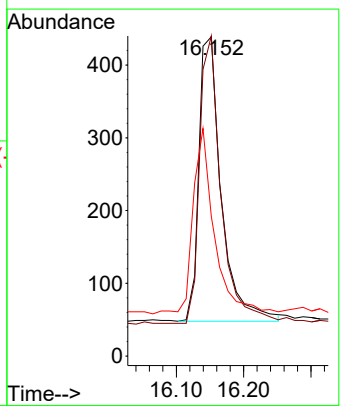


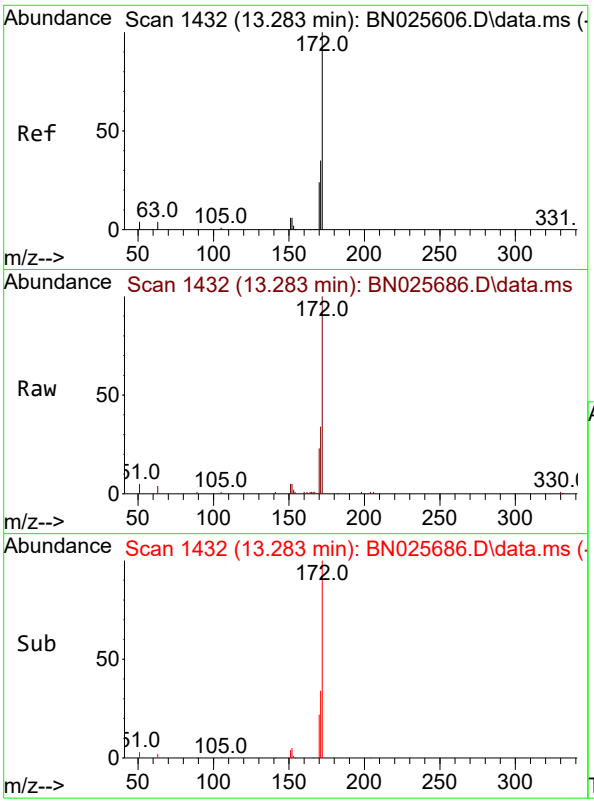


#14
2,4,6-Tribromophenol
Concen: 0.487 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:330 Resp: 909

Ion	Ratio	Lower	Upper
330	100		
332	96.9	80.0	120.0
141	57.9	45.8	68.6



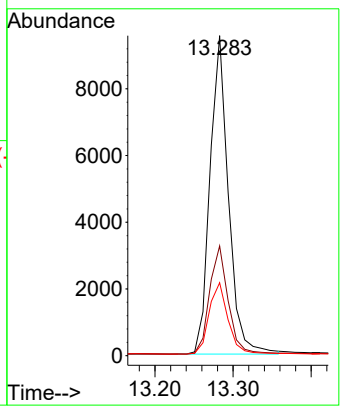


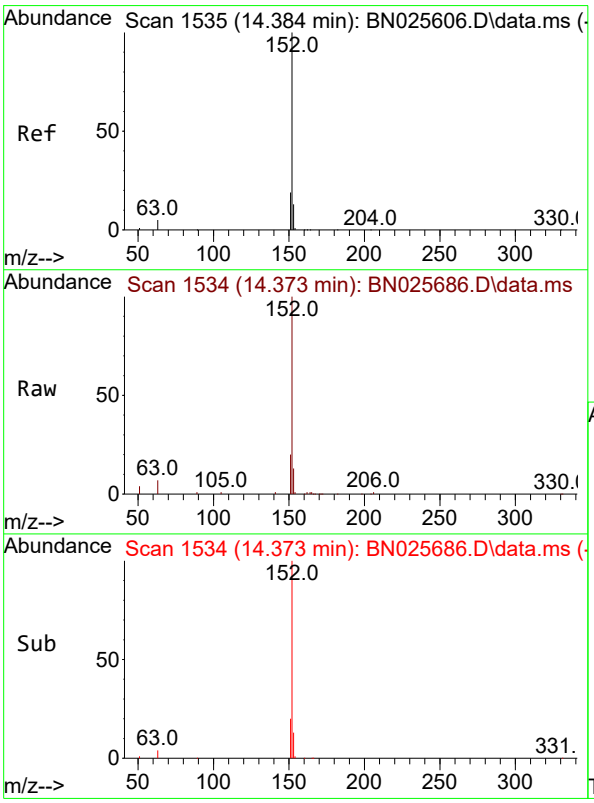
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:172 Resp: 15654

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.6	42.8
170	22.8	19.7	29.5

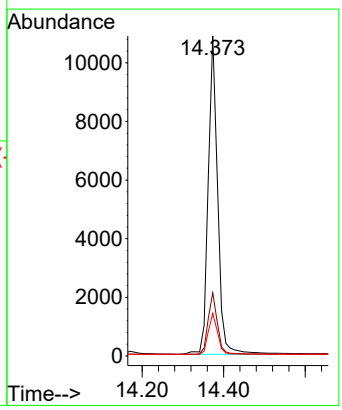


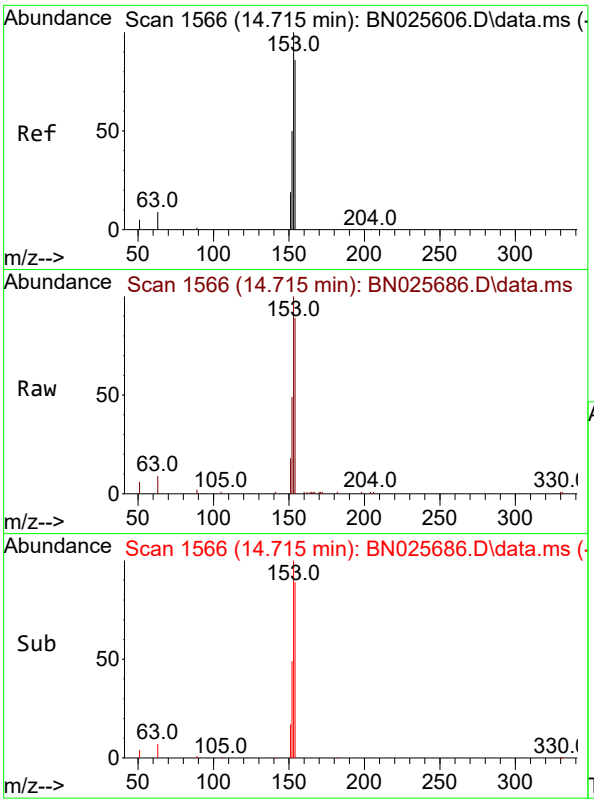


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:152 Resp: 17552

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6
153	12.9	10.6	15.8



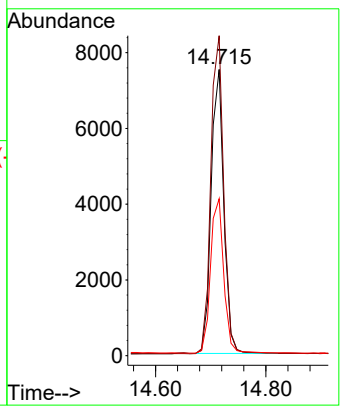


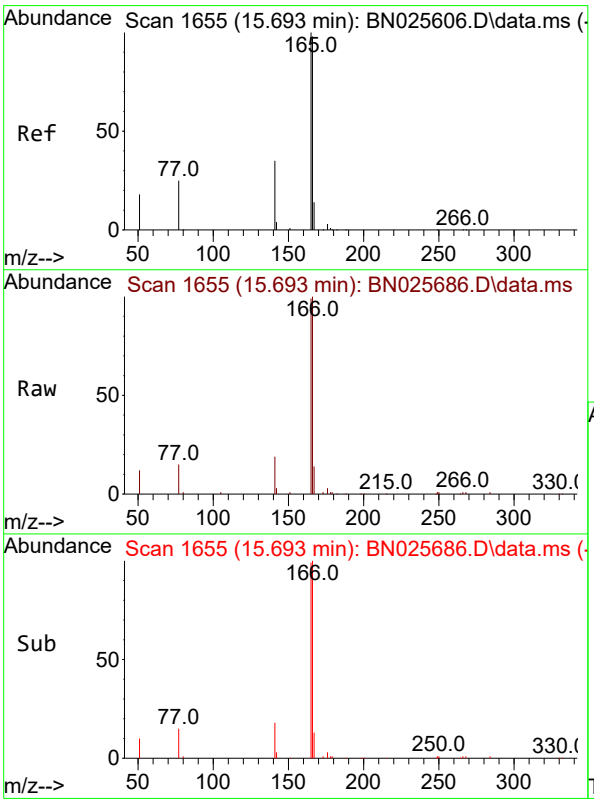
#17
Acenaphthene
Concen: 0.415 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:154 Resp: 11921

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.9	137.9
152	56.8	45.4	68.2

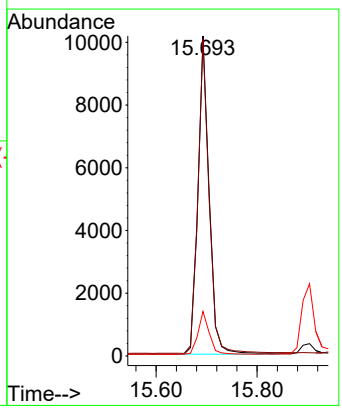


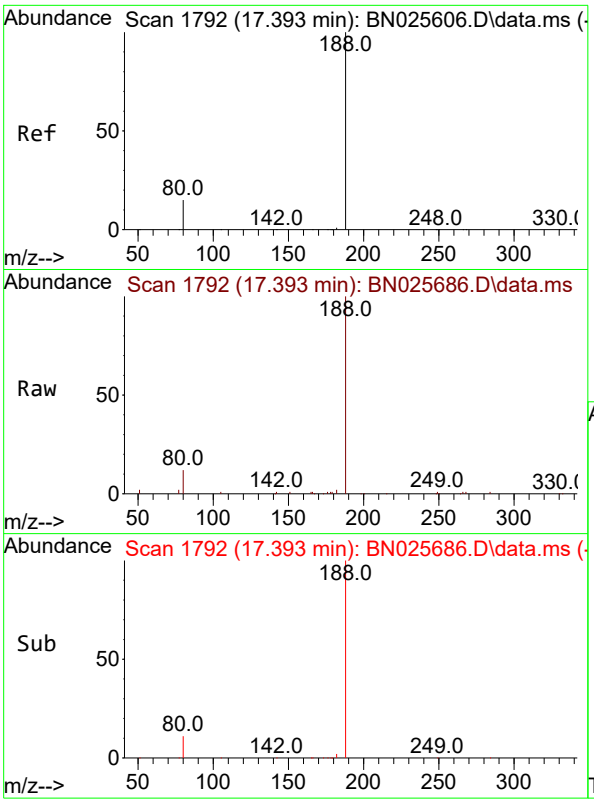


#18
Fluorene
Concen: 0.411 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:166 Resp: 15609

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.5	10.7	16.1



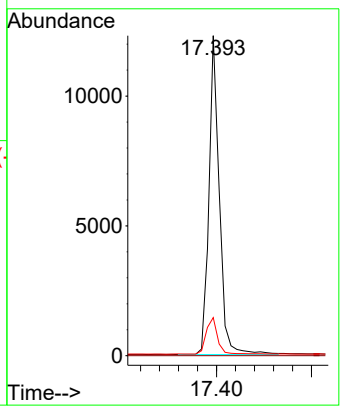


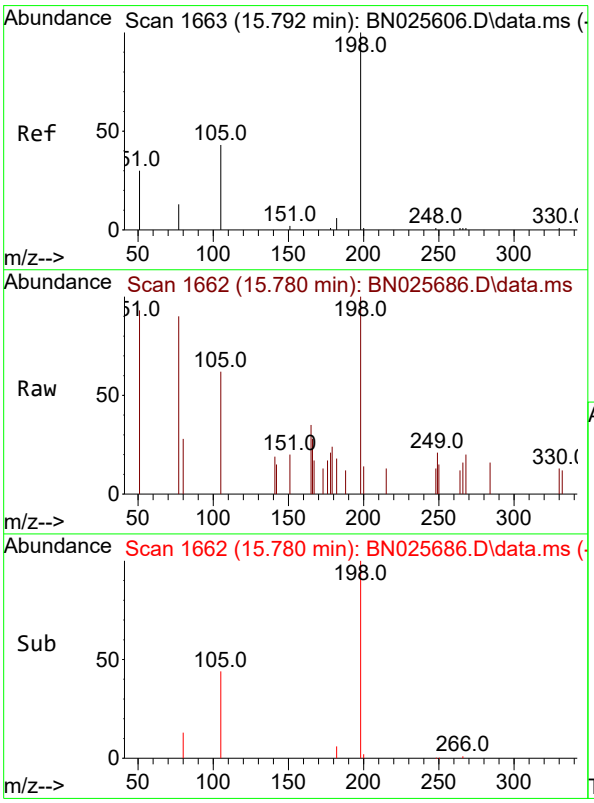
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:188 Resp: 18717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	12.2	18.2#

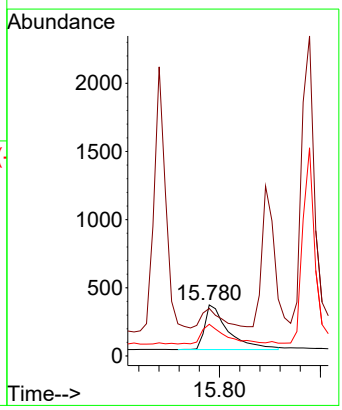


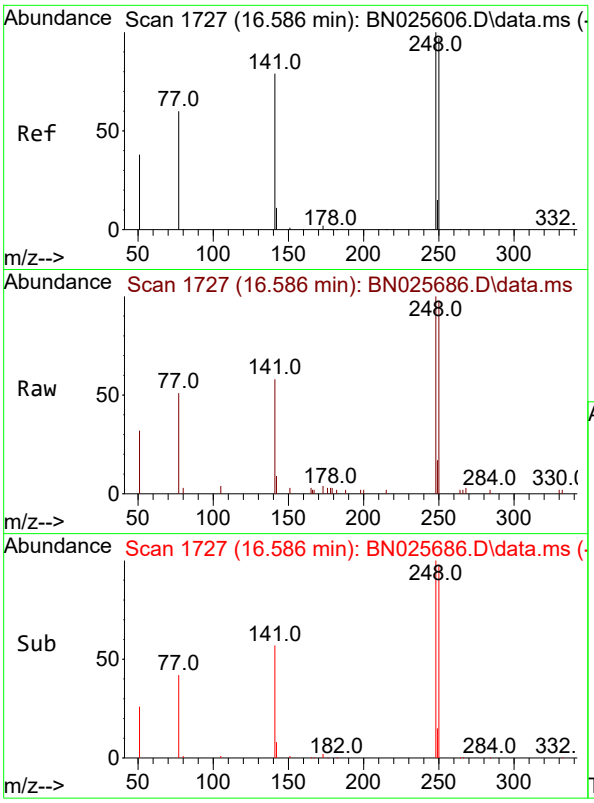


#20
4,6-Dinitro-2-methylphenol
Concen: 0.520 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:198 Resp: 1065

Ion	Ratio	Lower	Upper
198	100		
51	93.1	110.8	166.2#
105	62.1	61.9	92.9



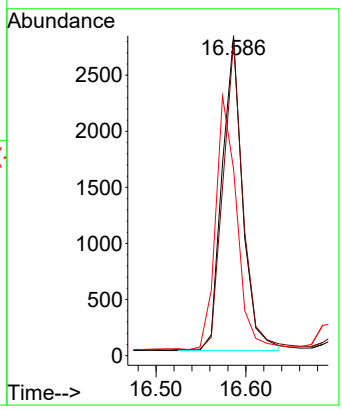


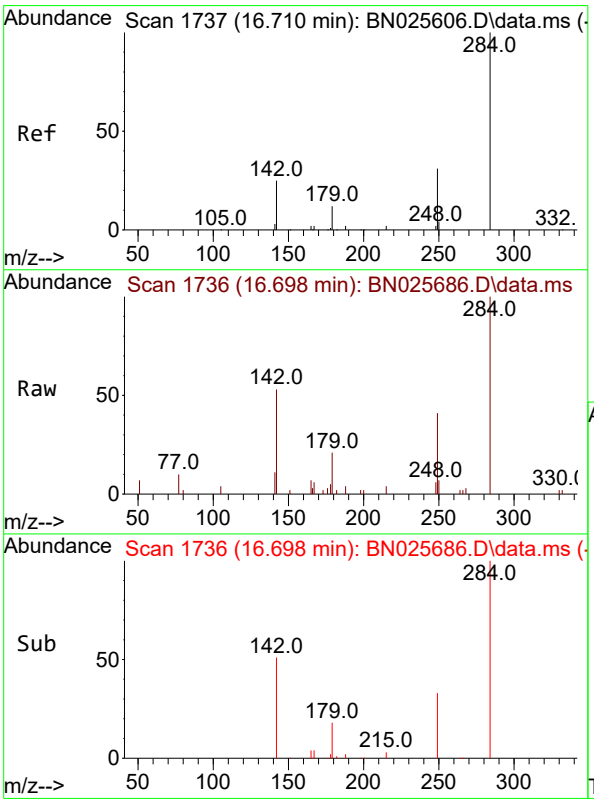
#21
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:248 Resp: 4434

Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.5	116.3
141	58.4	64.0	96.0#

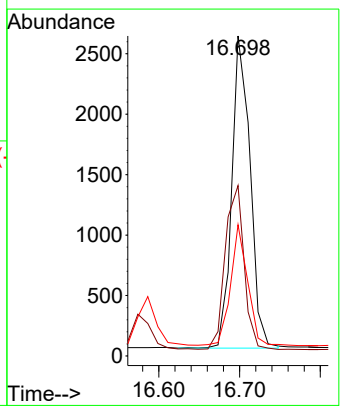


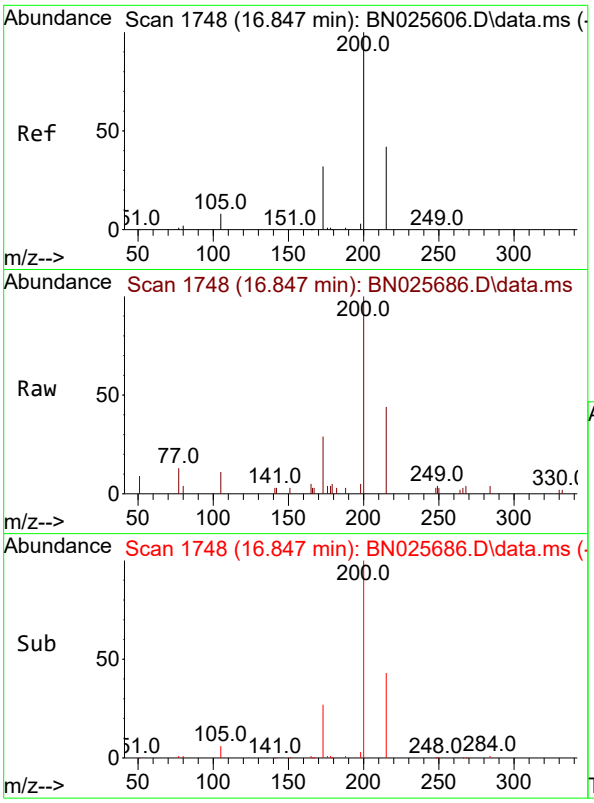


#22
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:284 Resp: 4073

Ion	Ratio	Lower	Upper
284	100		
142	54.0	42.0	63.0
249	35.5	28.6	43.0



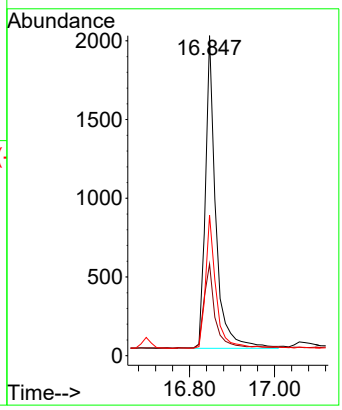


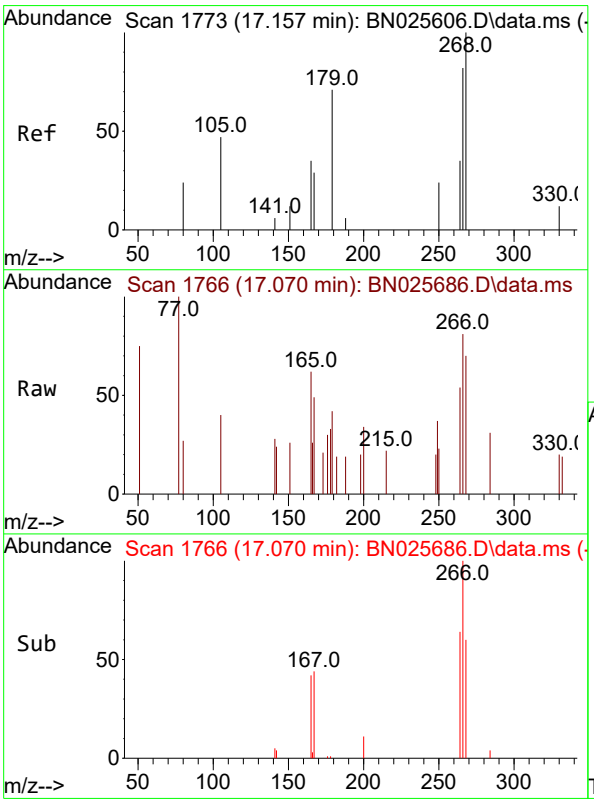
#23
Atrazine
Concen: 0.396 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:200 Resp: 3360

Ion	Ratio	Lower	Upper
200	100		
173	28.6	27.9	41.9
215	43.9	35.1	52.7

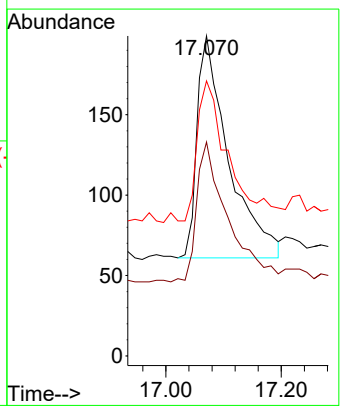


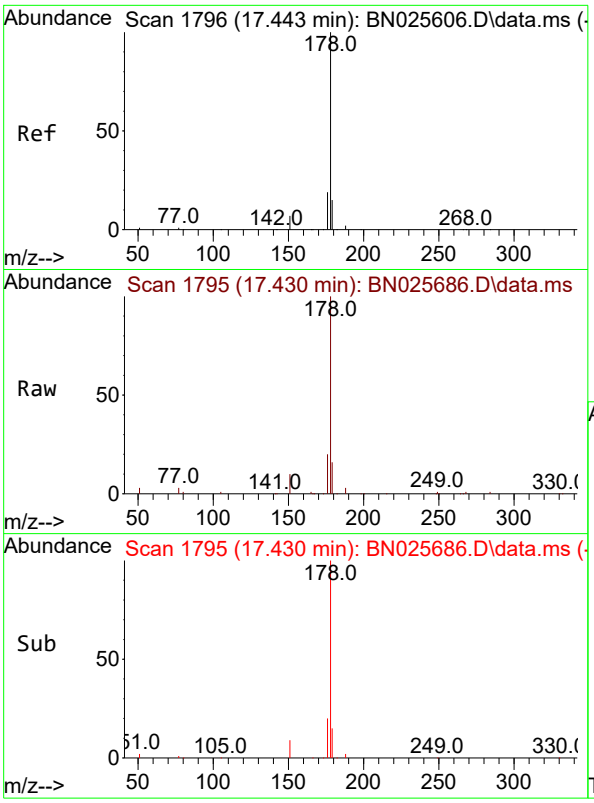


#24
Pentachlorophenol
Concen: 0.743 ng
RT: 17.070 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:266 Resp: 524

Ion	Ratio	Lower	Upper
266	100		
264	62.6	60.0	90.0
268	66.0	0.0	0.0#



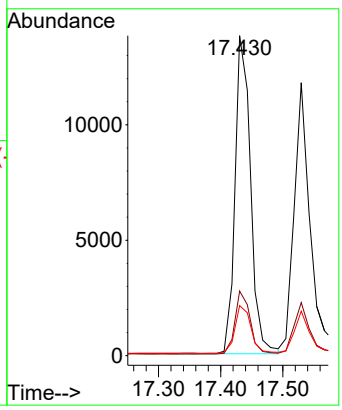


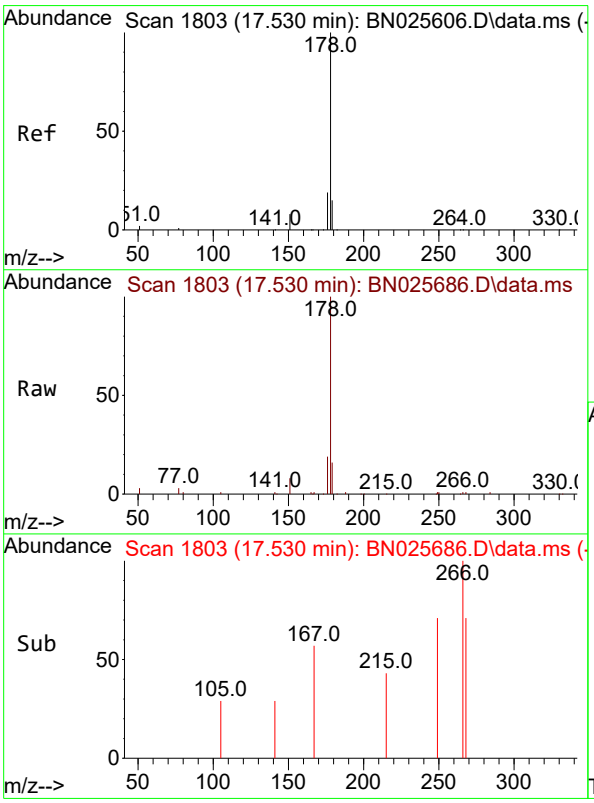
#25
Phenanthrene
Concen: 0.421 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:178 Resp: 23977

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

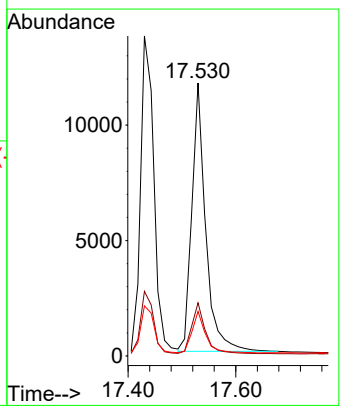


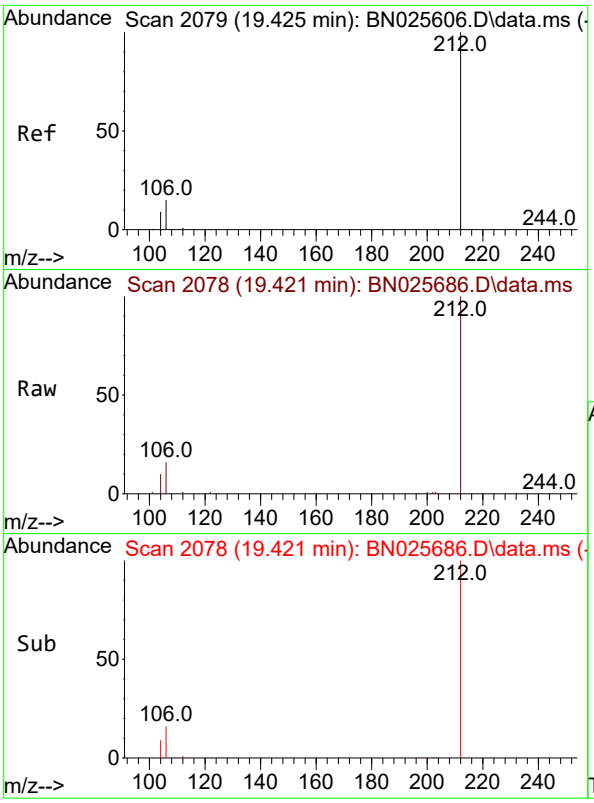


#26
Anthracene
Concen: 0.405 ng
RT: 17.530 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:178 Resp: 20844

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	14.9	12.2	18.2



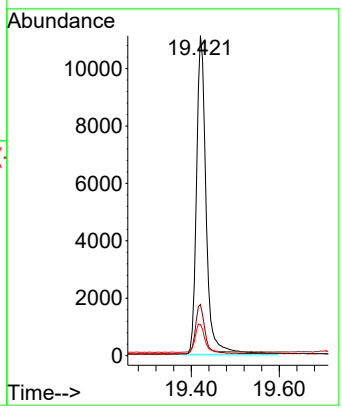


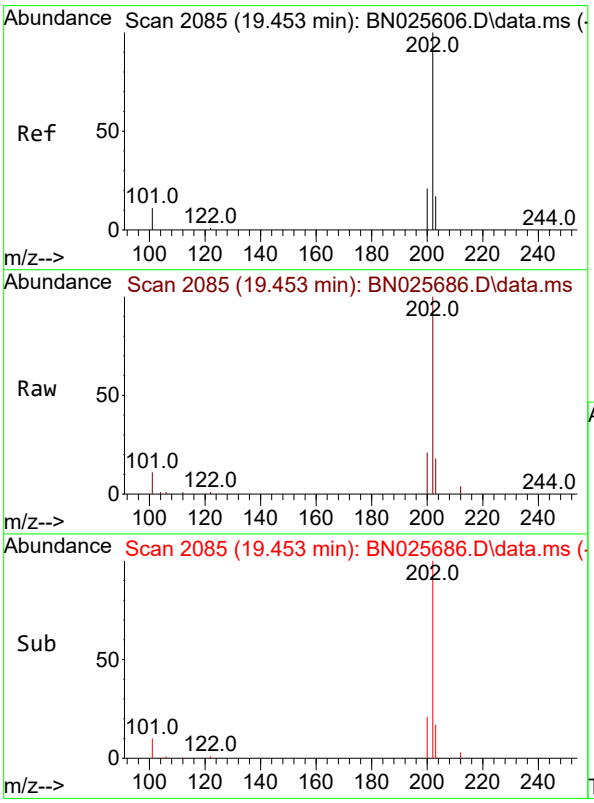
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:212 Resp: 16753

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.3	18.5
104	9.1	7.2	10.8

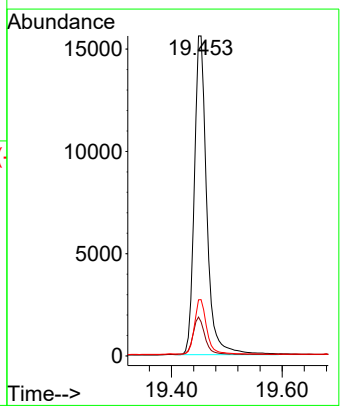


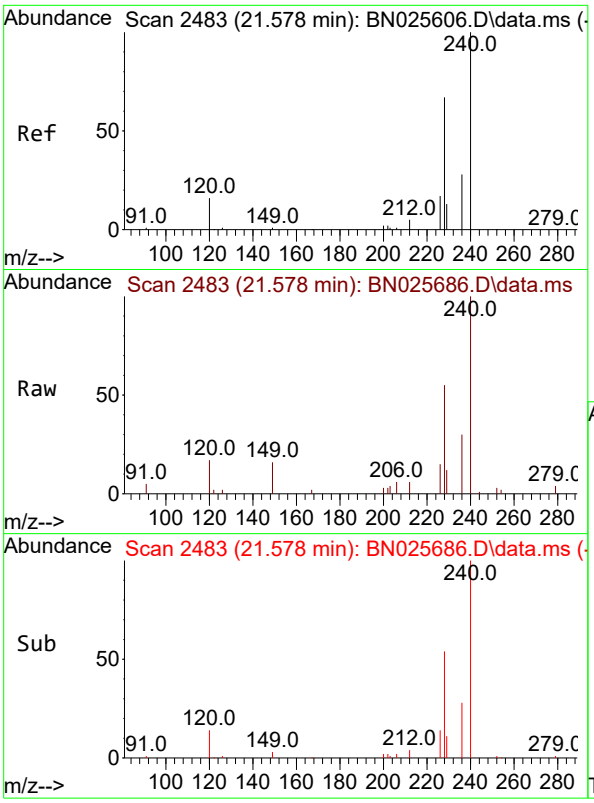


#28
Fluoranthene
Concen: 0.393 ng
RT: 19.453 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:202 Resp: 24403

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
203	16.7	13.3	19.9



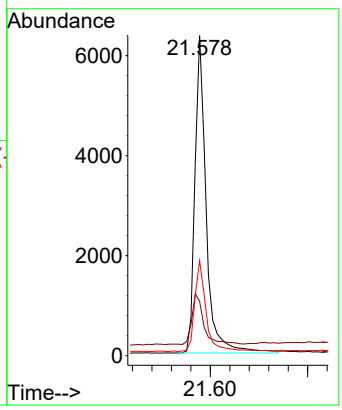


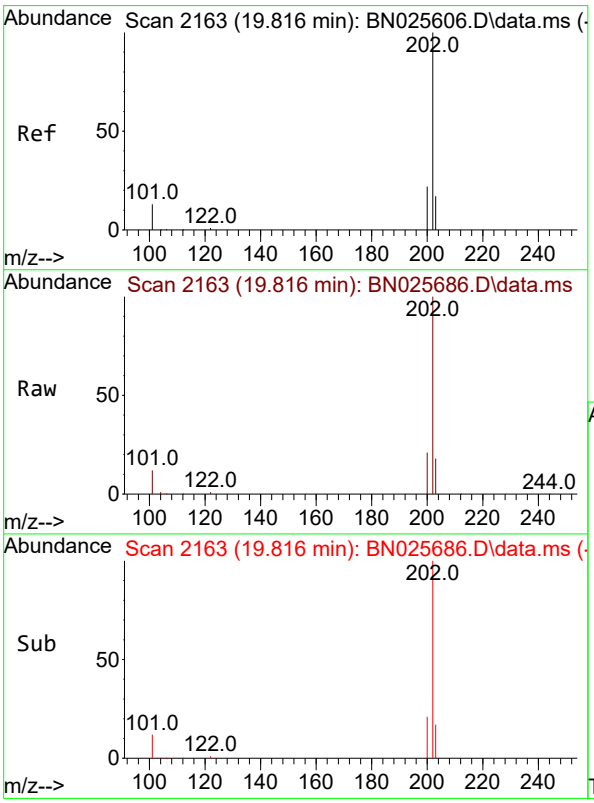
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:240 Resp: 10216

Ion	Ratio	Lower	Upper
240	100		
120	17.0	15.4	23.0
236	29.6	23.2	34.8

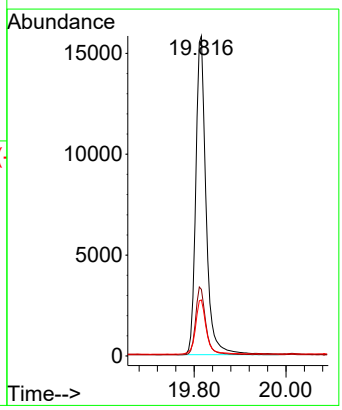


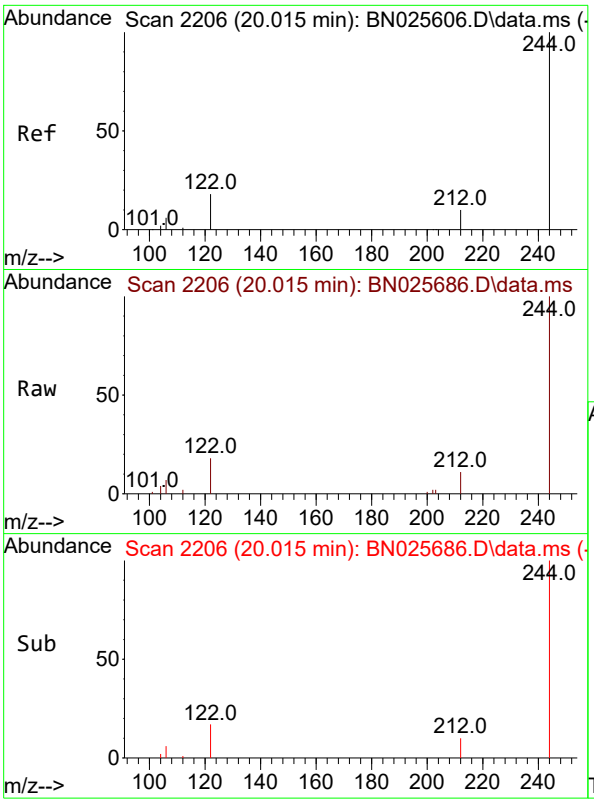


#30
Pyrene
Concen: 0.493 ng
RT: 19.816 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:202 Resp: 24534

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.5	21.7



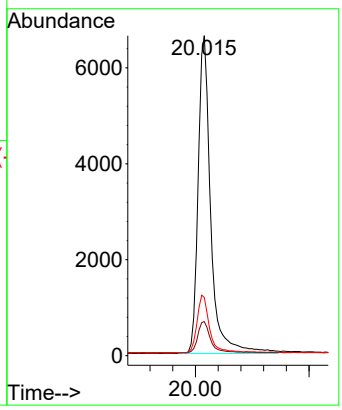


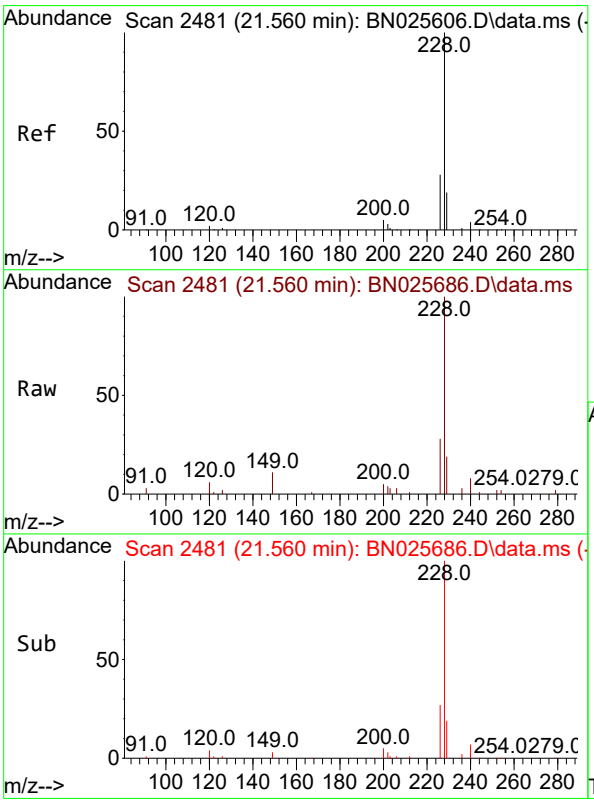
#31
Terphenyl-d14
Concen: 0.455 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:244 Resp: 10180

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.5	12.7
122	18.2	14.9	22.3

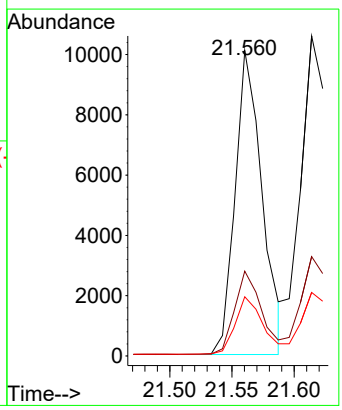


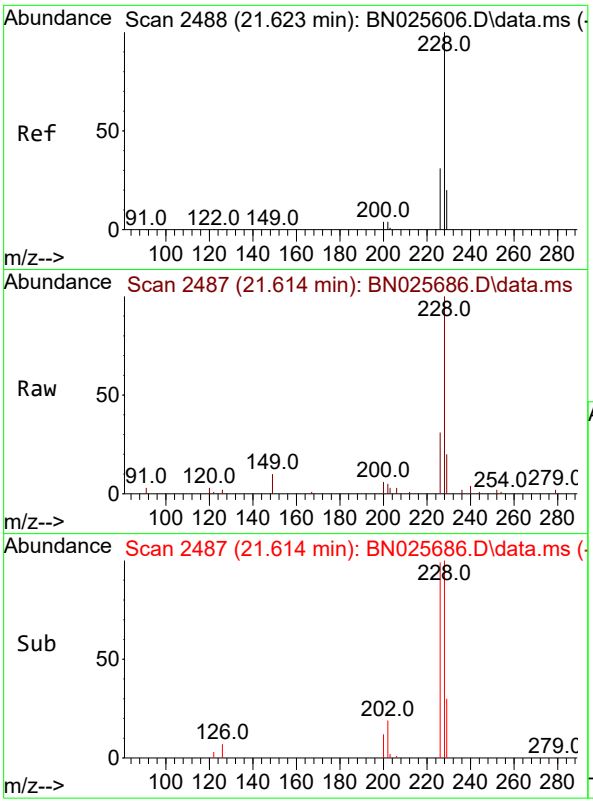


#32
Benzo(a)anthracene
Concen: 0.399 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:228 Resp: 15203

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.9	34.3
229	19.4	15.9	23.9



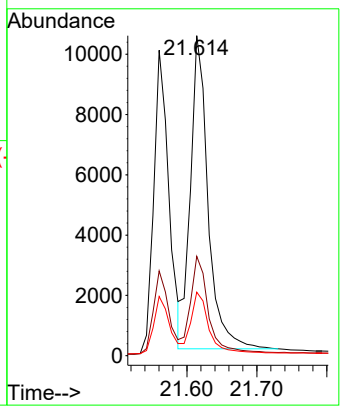


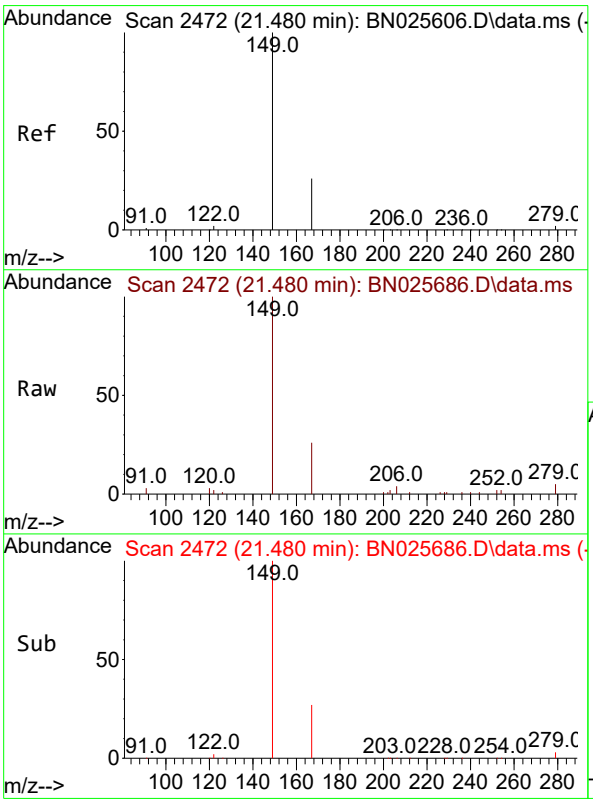
#33
Chrysene
Concen: 0.441 ng
RT: 21.614 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:228 Resp: 18192

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.9	16.2	24.4

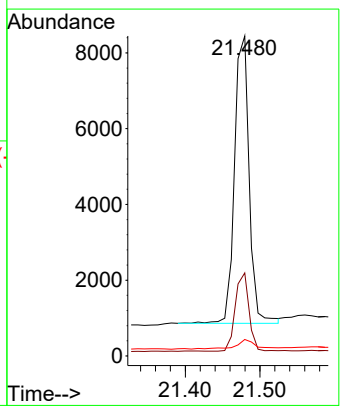


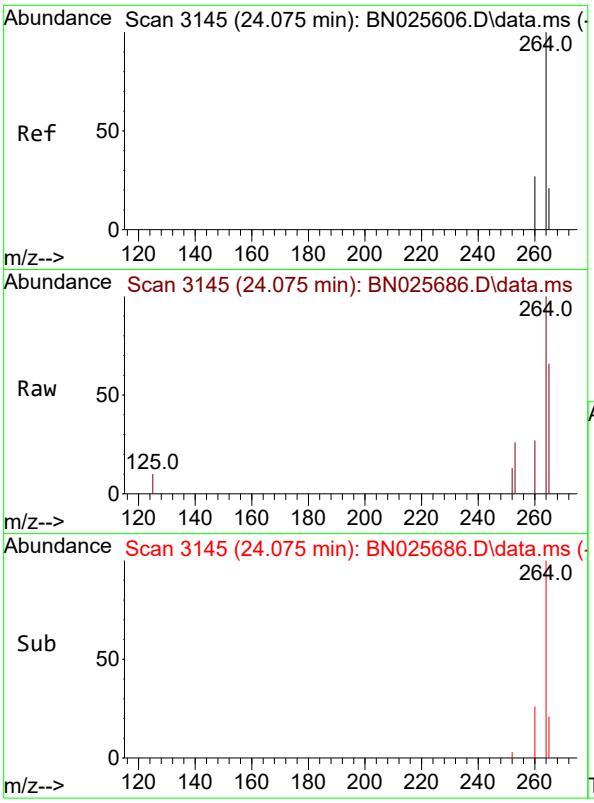


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.445 ng
RT: 21.480 min Scan# 2472
Delta R.T. 0.009 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:149 Resp: 10302

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.4	30.6
279	4.4	3.3	4.9



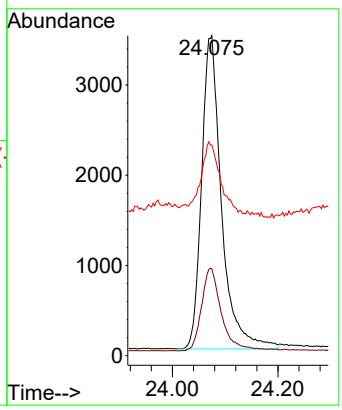


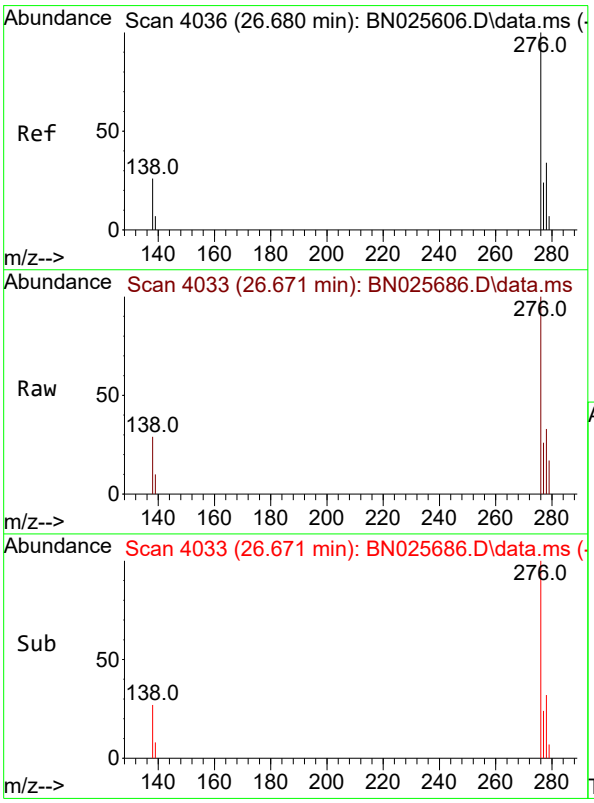
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.075 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:264 Resp: 9108

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.3	33.5
265	65.9	54.3	81.5

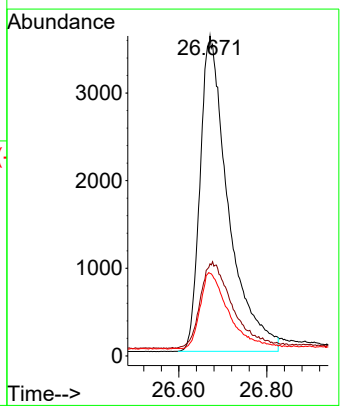


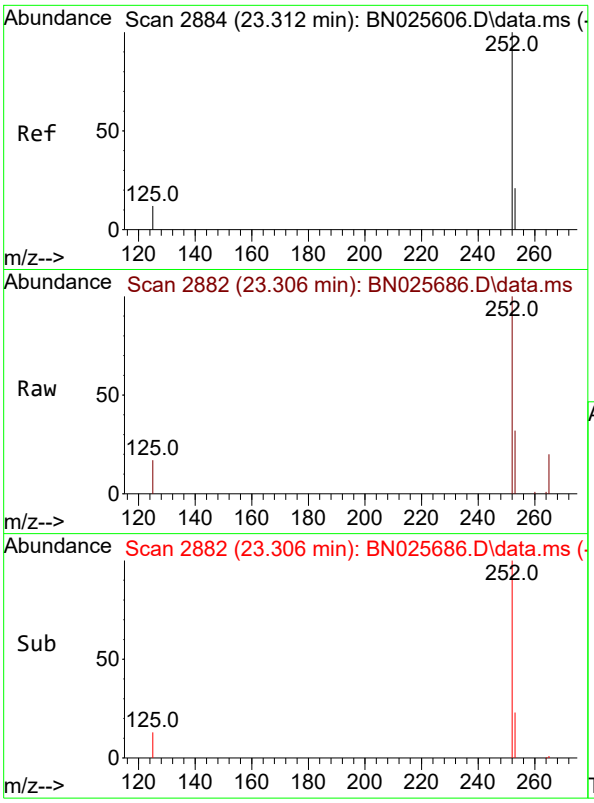


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.459 ng
RT: 26.671 min Scan# 4033
Delta R.T. -0.009 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:276 Resp: 16048

Ion	Ratio	Lower	Upper
276	100		
138	31.0	10.5	15.7#
277	24.4	9.2	13.8#



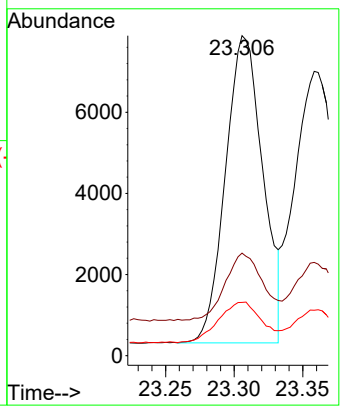


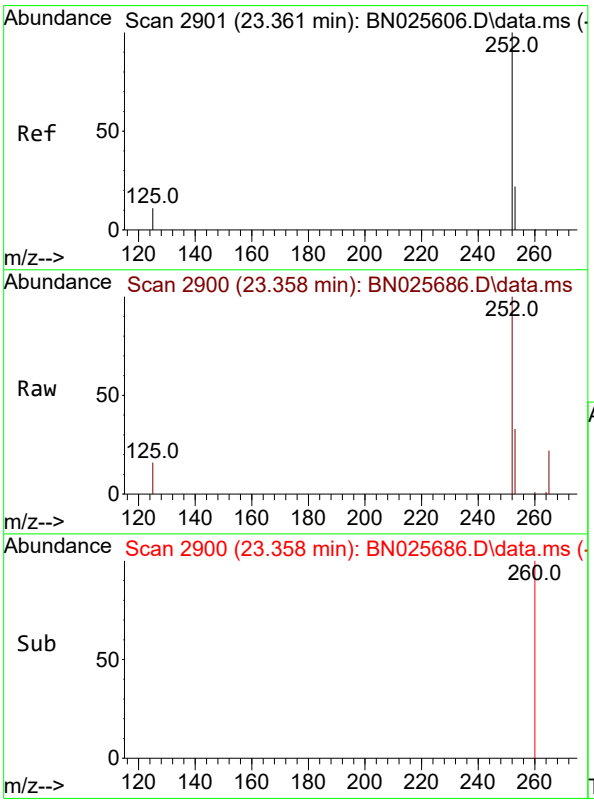
#37
Benzo(b)fluoranthene
Concen: 0.415 ng
RT: 23.306 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:252 Resp: 14382

Ion	Ratio	Lower	Upper
252	100		
253	32.1	26.2	39.4
125	16.7	12.9	19.3

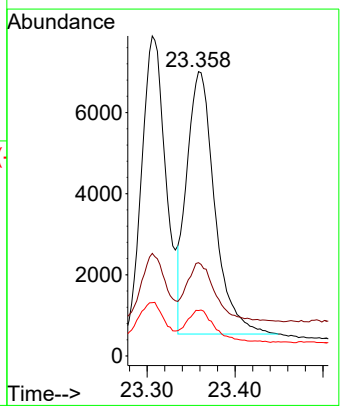


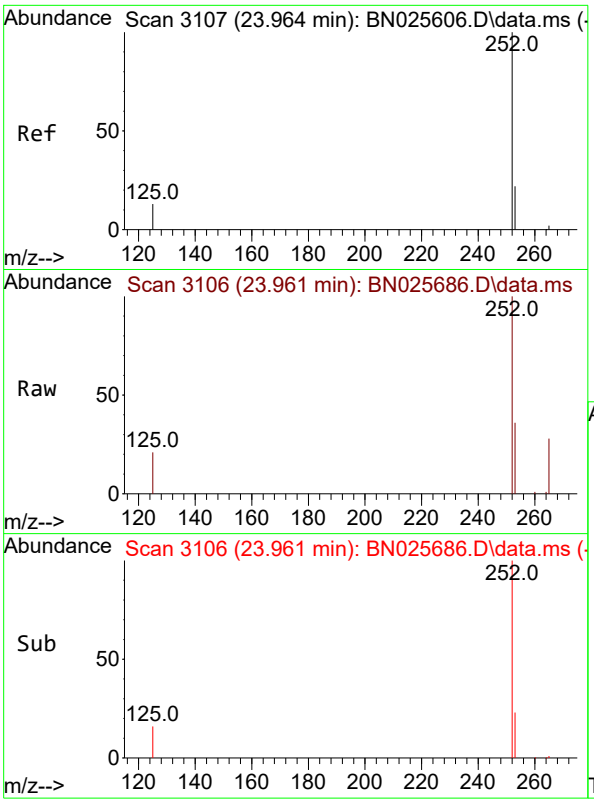


#38
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.358 min Scan# 2900
Delta R.T. 0.003 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:252 Resp: 14343

Ion	Ratio	Lower	Upper
252	100		
253	32.8	26.1	39.1
125	16.0	12.5	18.7



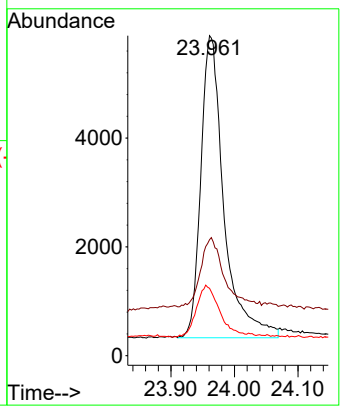


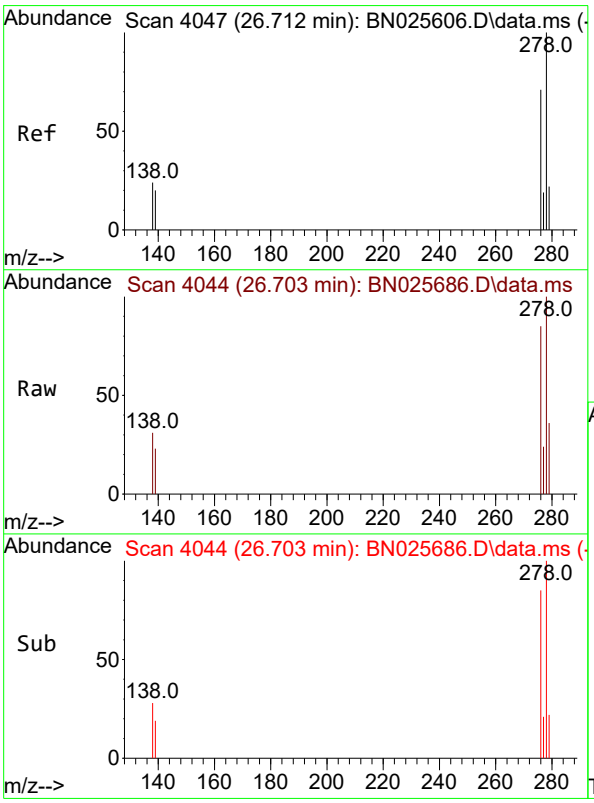
#39
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.961 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:252 Resp: 13986

Ion	Ratio	Lower	Upper
252	100		
253	36.2	30.2	45.2
125	21.1	14.8	22.2

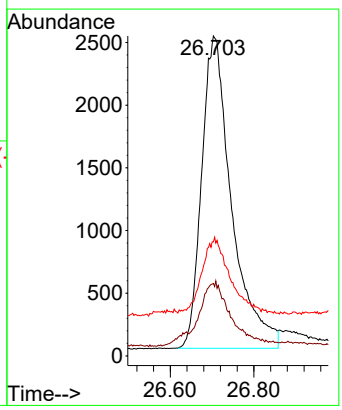


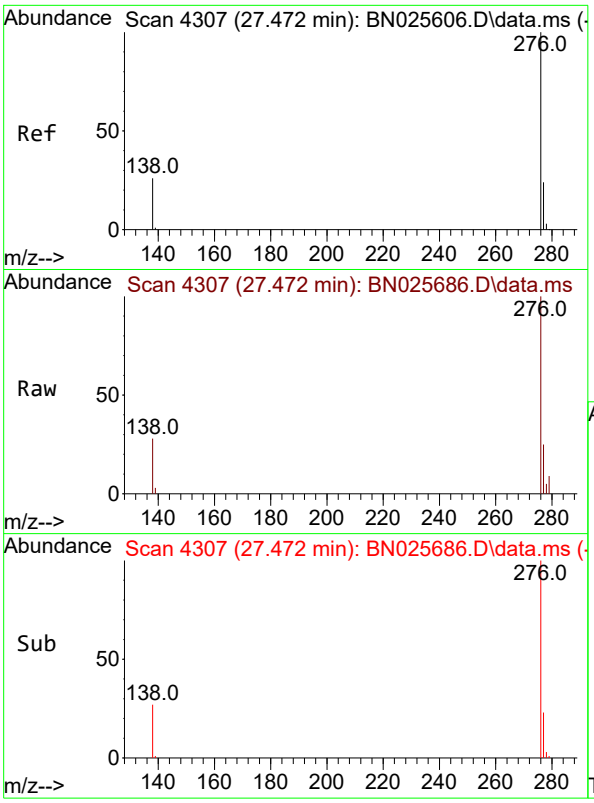


#40
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 26.703 min Scan# 4044
Delta R.T. -0.000 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Tgt Ion:278 Resp: 12378

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.6	28.0
279	35.7	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.460 ng
RT: 27.472 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN025686.D
Acq: 28 May 2023 18:01

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Tgt Ion:276 Resp: 14527

Ion	Ratio	Lower	Upper
276	100		
277	24.9	21.4	32.0
138	28.5	22.8	34.2