Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025684.D
Acq On : 28 May 2023 16:50
Operator : CG/JU
Sample : PB153051BSD
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Quant Time: May 29 01:39:51 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

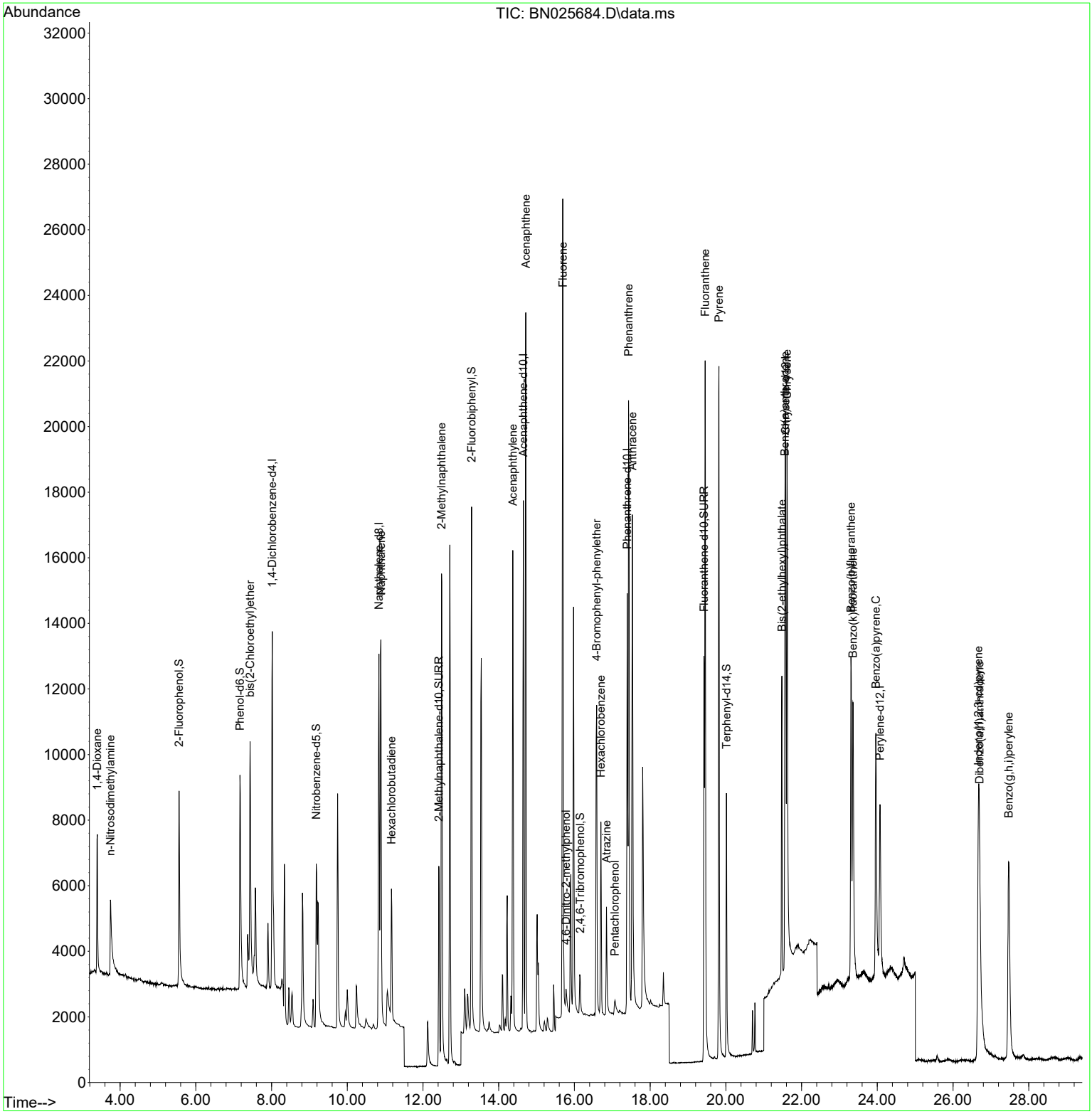
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5814	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16157	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	8826	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	17455	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	9332	0.400	ng		0.00
35) Perylene-d12	24.072	264	8768	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.556	112	6133	0.412	ng		0.00
5) Phenol-d6	7.167	99	7271	0.407	ng		0.00
8) Nitrobenzene-d5	9.180	82	5378	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9326	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	873	0.489	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15146	0.416	ng		0.00
27) Fluoranthene-d10	19.421	212	14955	0.378	ng		0.00
31) Terphenyl-d14	20.015	244	9002	0.441	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2975	0.442	ng		99
3) n-Nitrosodimethylamine	3.744	42	2459	0.339	ng	#	90
6) bis(2-Chloroethyl)ether	7.434	93	7592	0.413	ng		98
9) Naphthalene	10.889	128	18389	0.416	ng		99
10) Hexachlorobutadiene	11.166	225	3195	0.417	ng	#	97
12) 2-Methylnaphthalene	12.491	142	12374	0.407	ng		98
16) Acenaphthylene	14.373	152	16793	0.403	ng		99
17) Acenaphthene	14.715	154	11457	0.418	ng		99
18) Fluorene	15.693	166	14834	0.409	ng		99
20) 4,6-Dinitro-2-methylph...	15.779	198	1005	0.525	ng	#	71
21) 4-Bromophenyl-phenylether	16.586	248	4113	0.415	ng	#	88
22) Hexachlorobenzene	16.698	284	3775	0.417	ng		99
23) Atrazine	16.847	200	3105	0.393	ng	#	94
24) Pentachlorophenol	17.070	266	437	0.709	ng	#	97
25) Phenanthrene	17.430	178	22354	0.421	ng		99
26) Anthracene	17.530	178	19219	0.400	ng		99
28) Fluoranthene	19.453	202	21830	0.377	ng		99
30) Pyrene	19.816	202	21901	0.482	ng		99
32) Benzo(a)anthracene	21.560	228	14552	0.419	ng		99
33) Chrysene	21.614	228	15934	0.422	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	8965	0.424	ng		100
36) Indeno(1,2,3-cd)pyrene	26.668	276	16068	0.478	ng	#	61
37) Benzo(b)fluoranthene	23.306	252	13738	0.412	ng		98
38) Benzo(k)fluoranthene	23.355	252	14071	0.405	ng		98
39) Benzo(a)pyrene	23.963	252	13389	0.420	ng		97
40) Dibenzo(a,h)anthracene	26.700	278	12618	0.474	ng		98
41) Benzo(g,h,i)perylene	27.472	276	14766	0.486	ng		98

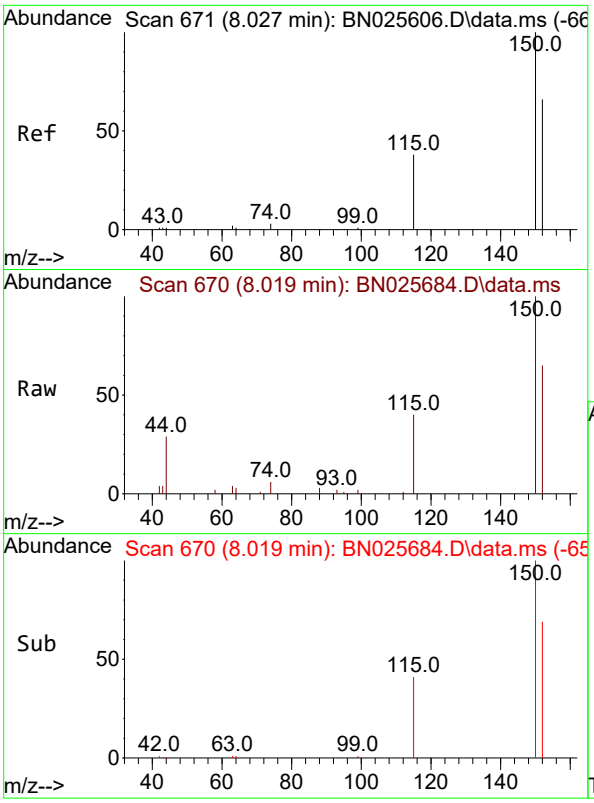
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025684.D
Acq On : 28 May 2023 16:50
Operator : CG/JU
Sample : PB153051BSD
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Quant Time: May 29 01:39:51 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



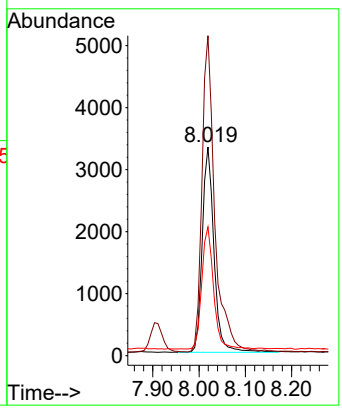


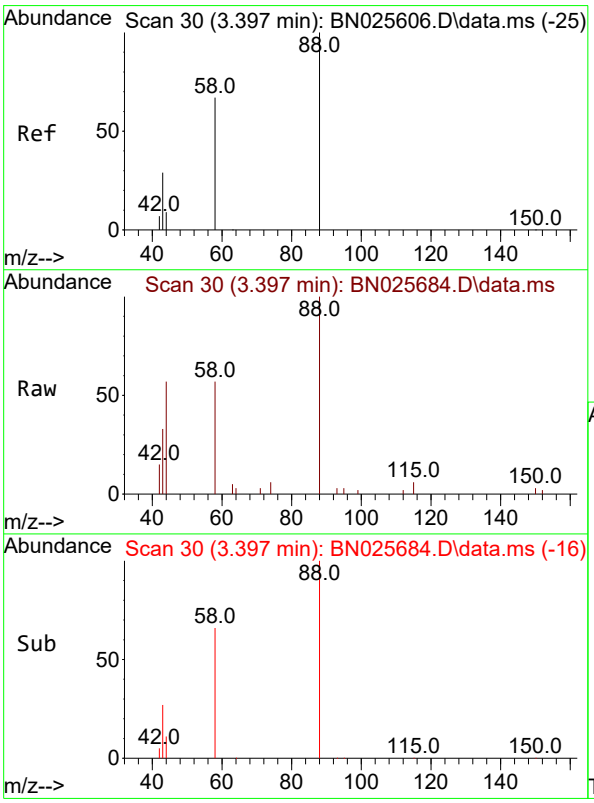
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:152 Resp: 5814

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.0	181.6
115	61.8	48.5	72.7

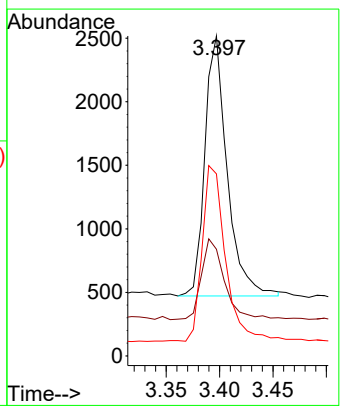


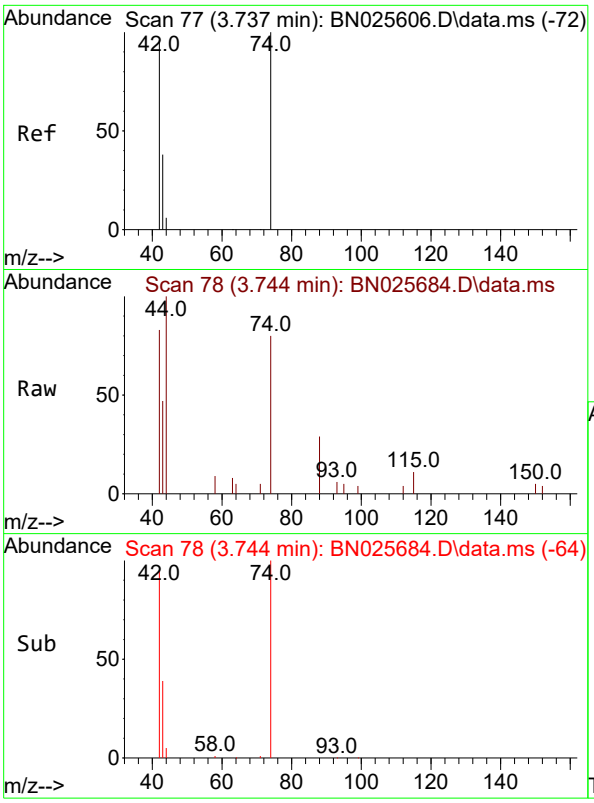


#2
1,4-Dioxane
Concen: 0.442 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion: 88 Resp: 2975

Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.5	39.7
58	70.6	56.8	85.2



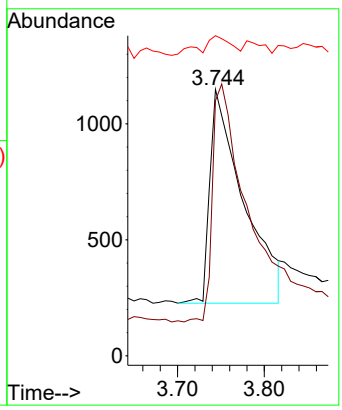


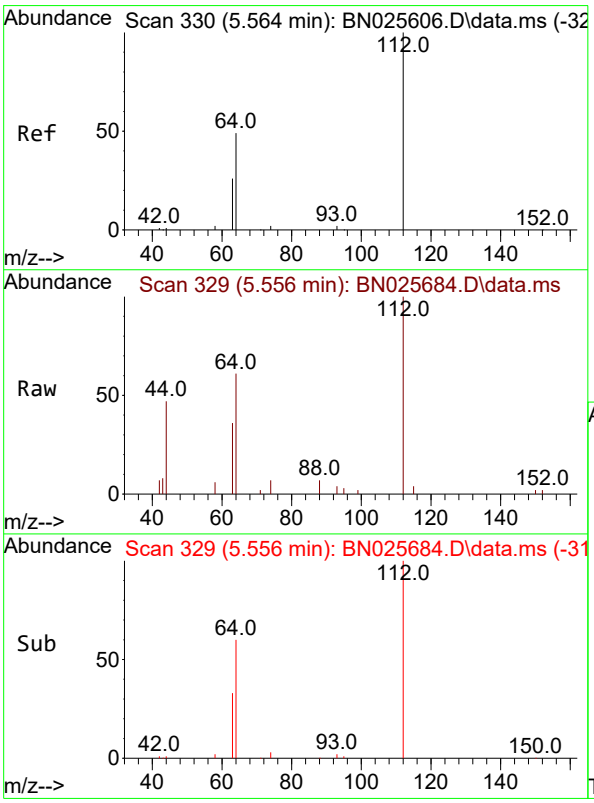
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.744 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion: 42 Resp: 2459

Ion	Ratio	Lower	Upper
42	100		
74	112.8	82.2	123.2
44	5.3	0.0	0.0#

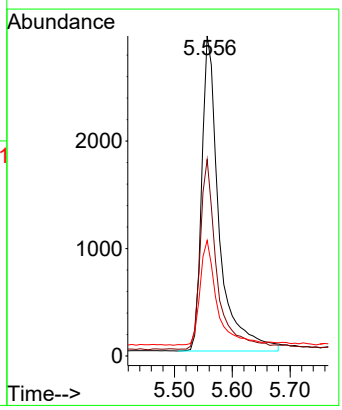


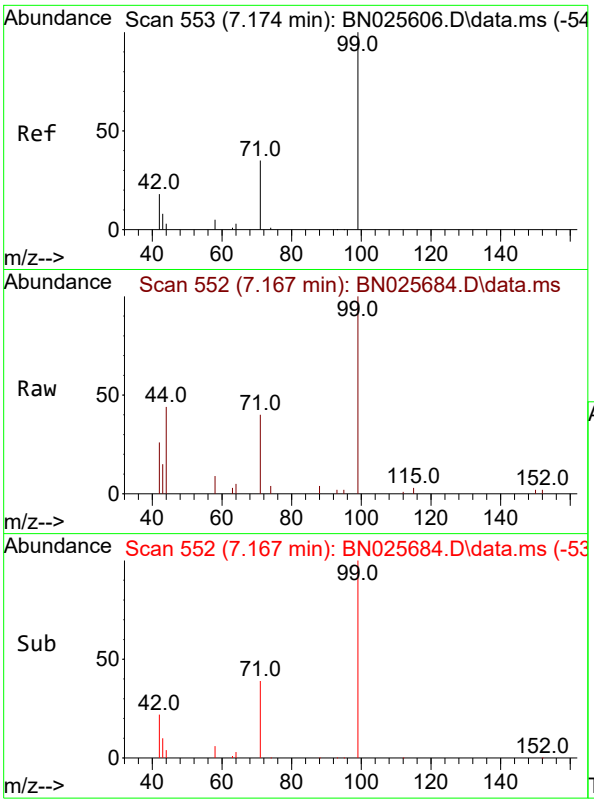


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.556 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:112 Resp: 6133

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.7	68.5
63	33.2	26.2	39.2



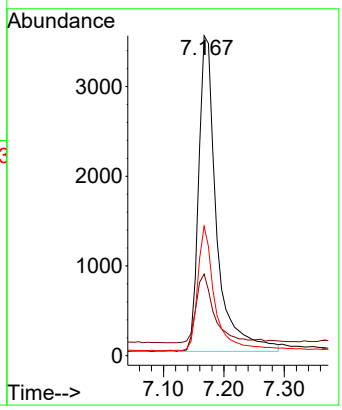


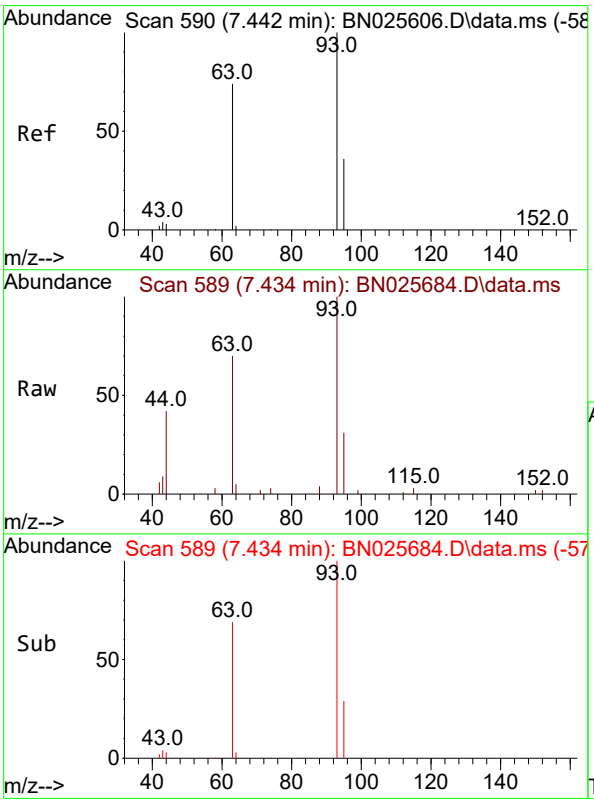
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.167 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion: 99 Resp: 7271

Ion	Ratio	Lower	Upper
99	100		
42	21.7	17.1	25.7
71	37.2	29.3	43.9

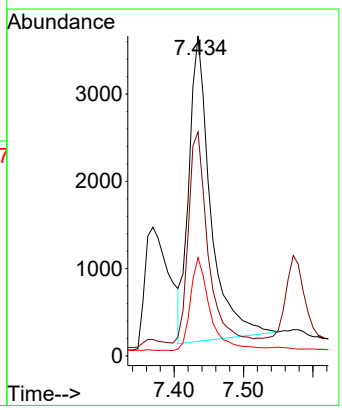


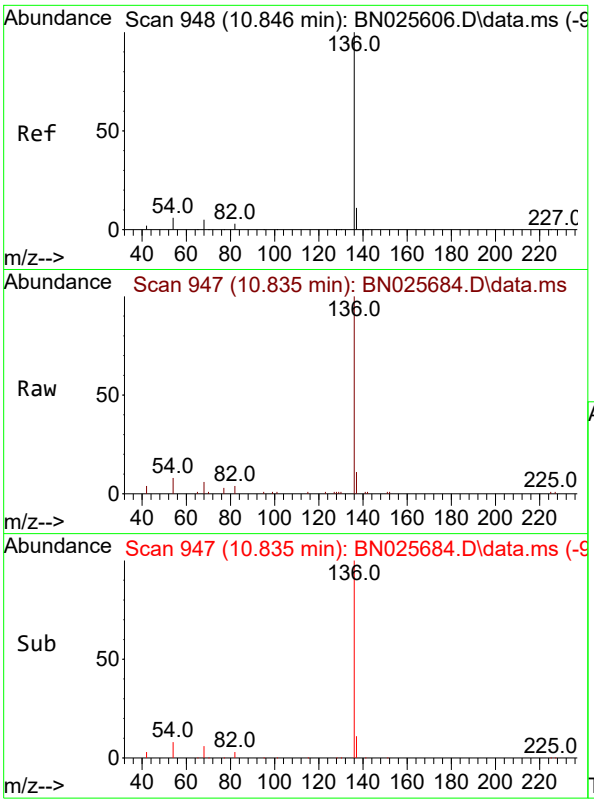


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion: 93 Resp: 7592

Ion	Ratio	Lower	Upper
93	100		
63	63.4	49.1	73.7
95	27.5	22.6	33.8



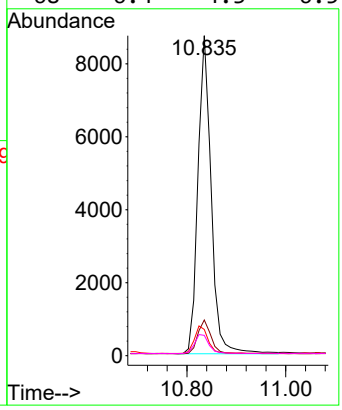


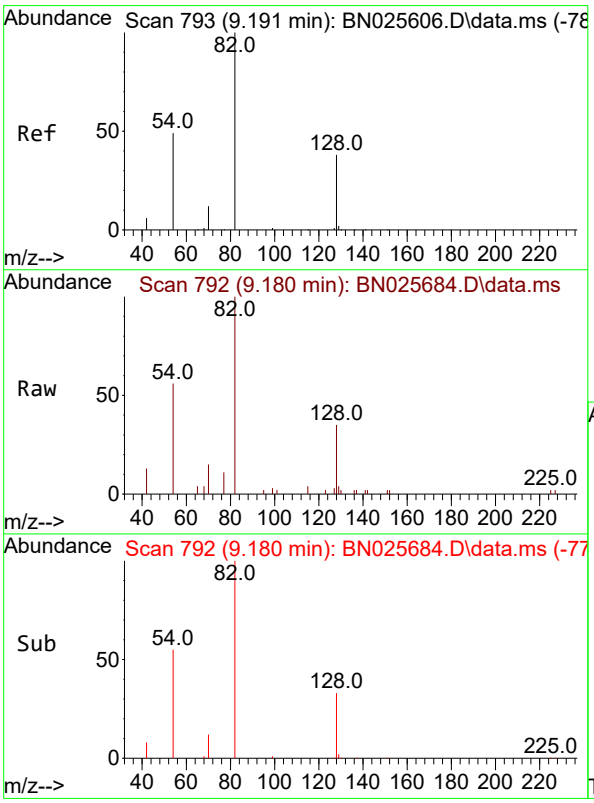
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:136 Resp: 16157

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.2	5.4	8.0#
68	6.4	4.3	6.5

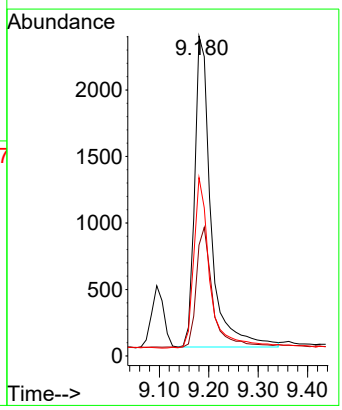


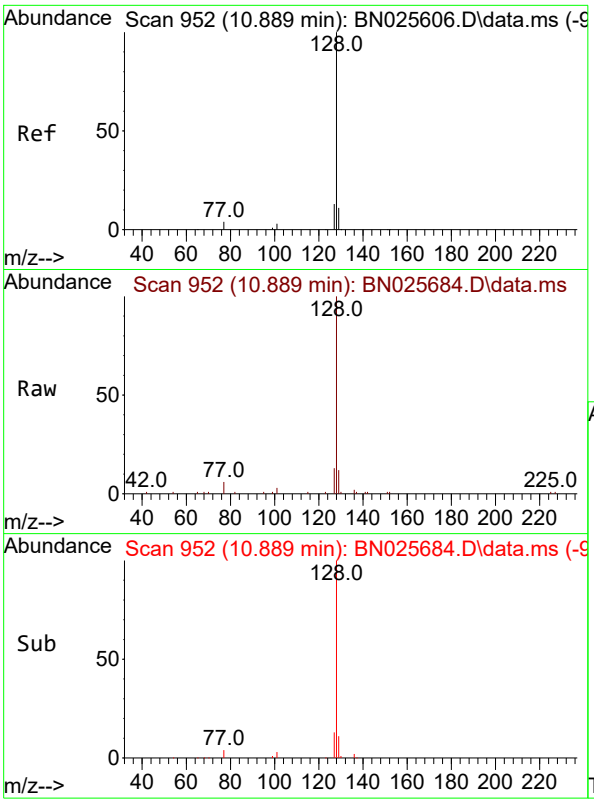


#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion: 82 Resp: 5378

Ion	Ratio	Lower	Upper
82	100		
128	34.7	32.5	48.7
54	55.8	40.6	60.8



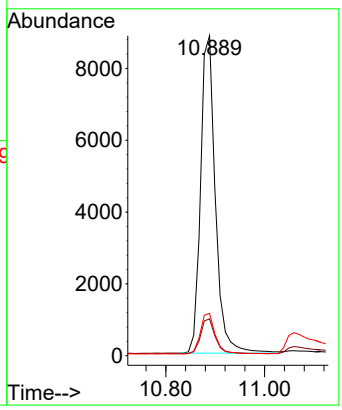


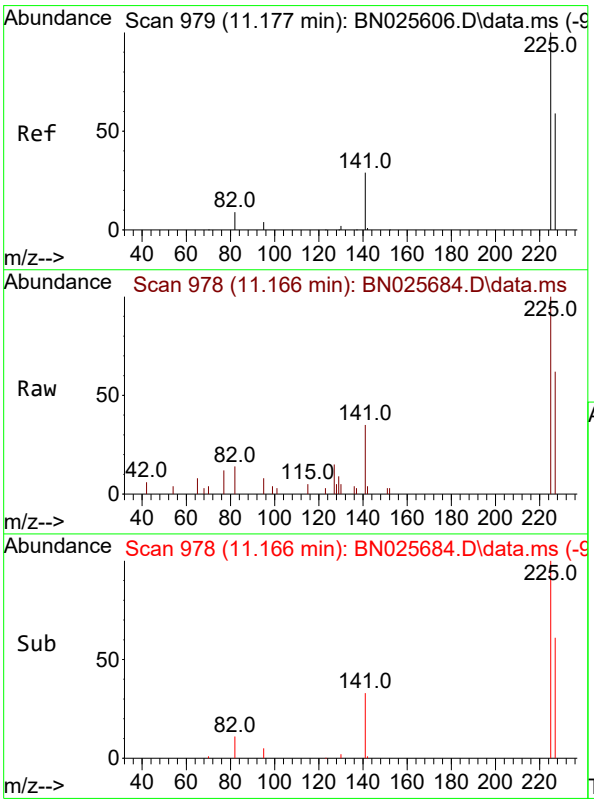
#9
Naphthalene
Concen: 0.416 ng
RT: 10.889 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:128 Resp: 18389

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.2	11.0	16.6

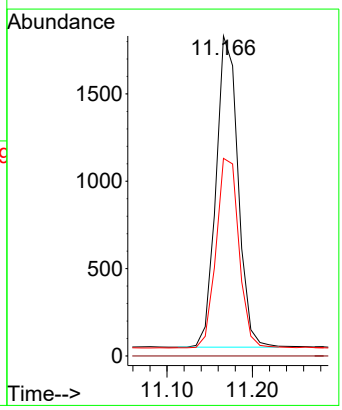


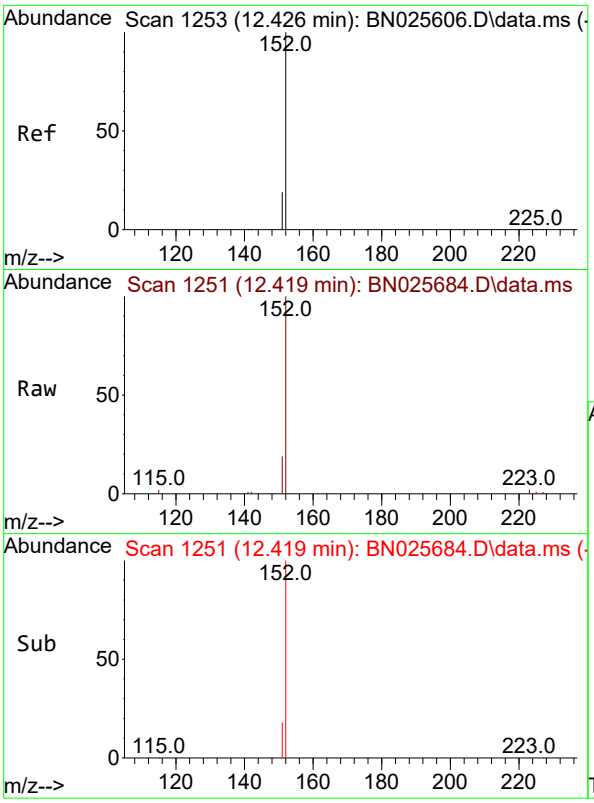


#10
Hexachlorobutadiene
Concen: 0.417 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:225 Resp: 3195

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	48.4	72.6



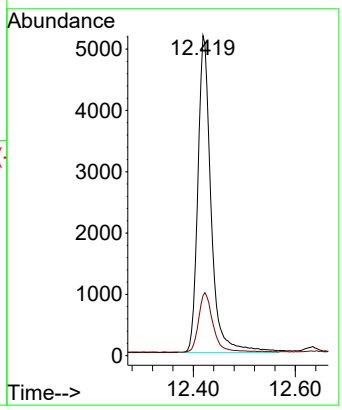


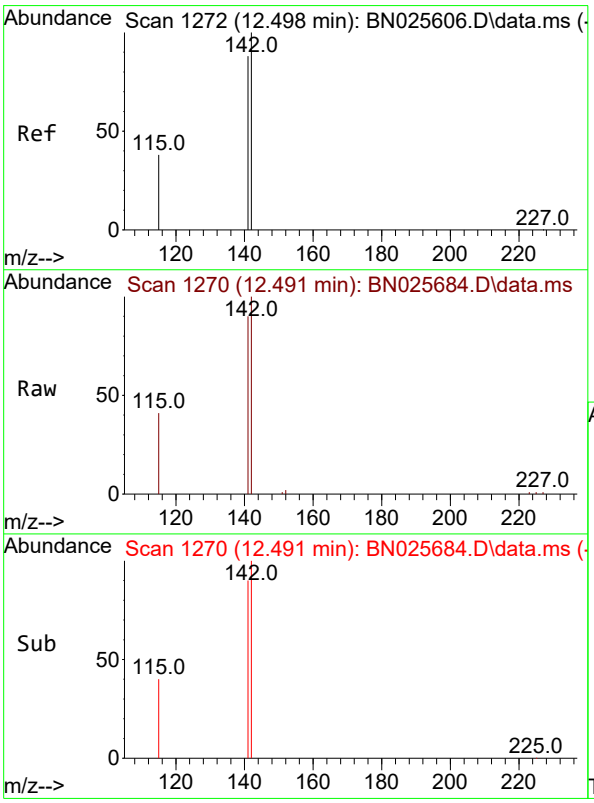
#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:152 Resp: 9326

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

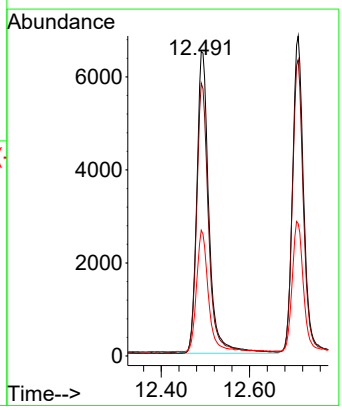


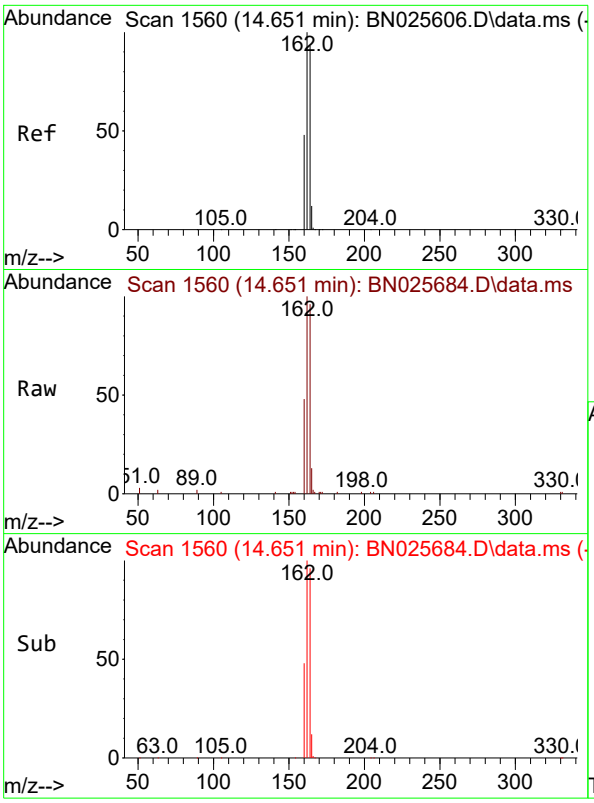


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.491 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:142 Resp: 12374

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.7	106.1
115	41.3	31.5	47.3



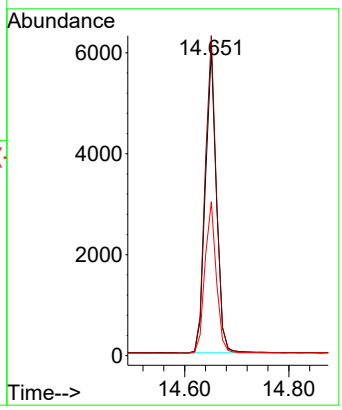


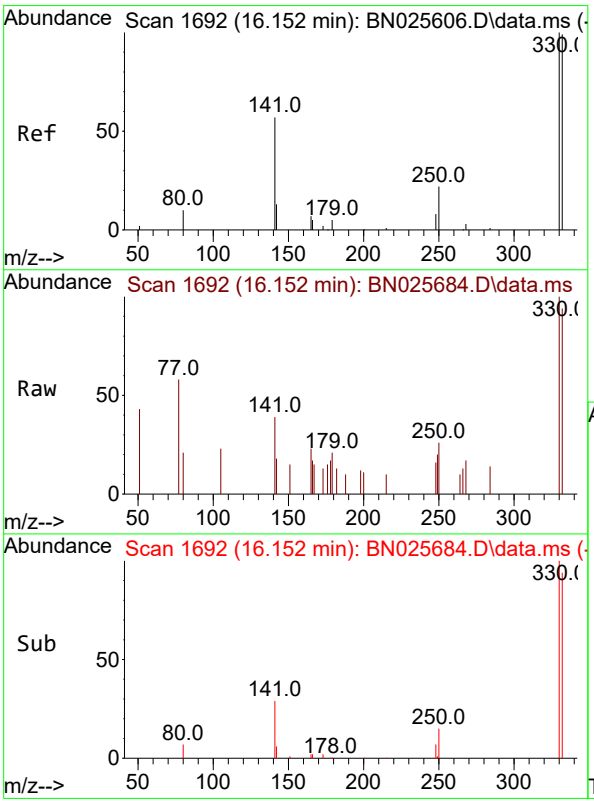
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:164 Resp: 8826

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.4	129.6
160	50.3	41.9	62.9

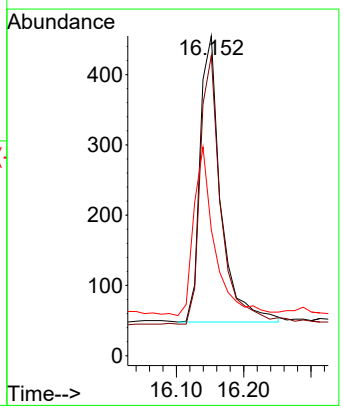


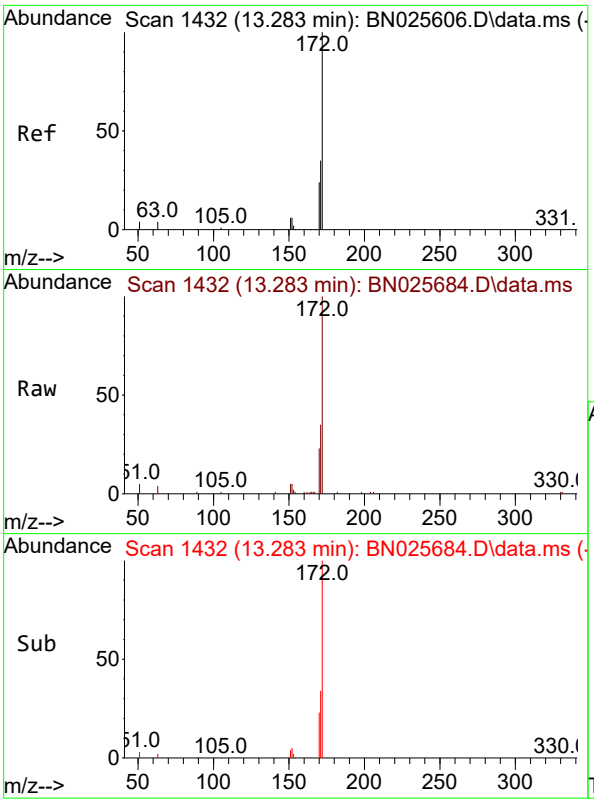


#14
2,4,6-Tribromophenol
Concen: 0.489 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:330 Resp: 873

Ion	Ratio	Lower	Upper
330	100		
332	93.8	80.0	120.0
141	57.2	45.8	68.6



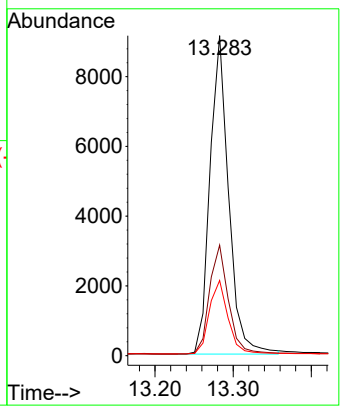


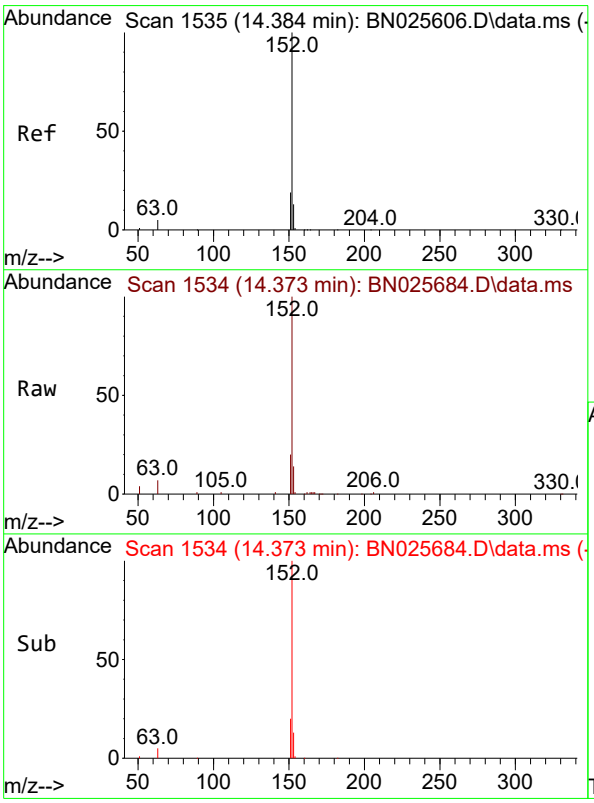
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:172 Resp: 15146

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.5	19.7	29.5

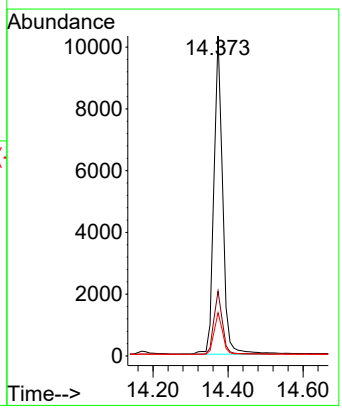


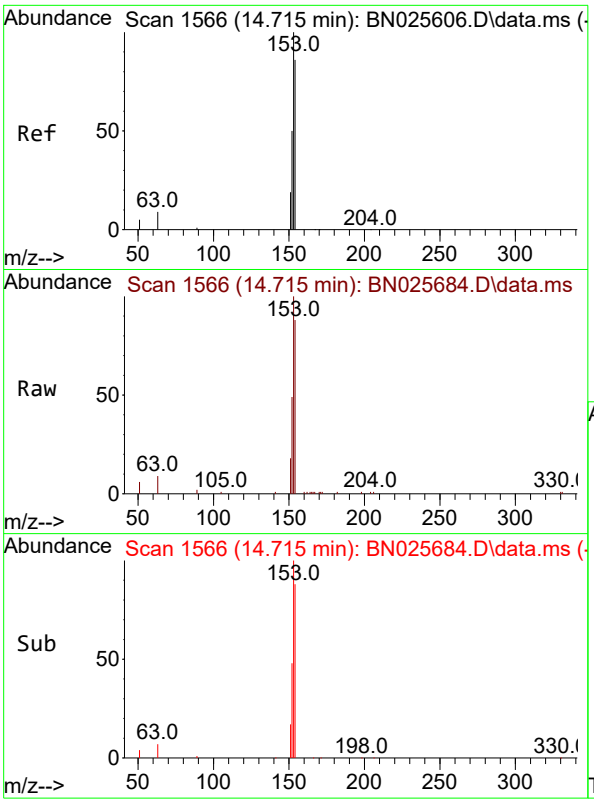


#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:152 Resp: 16793

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	12.9	10.6	15.8



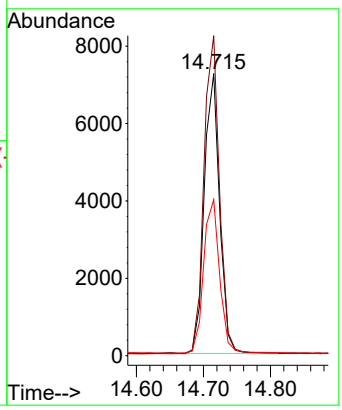


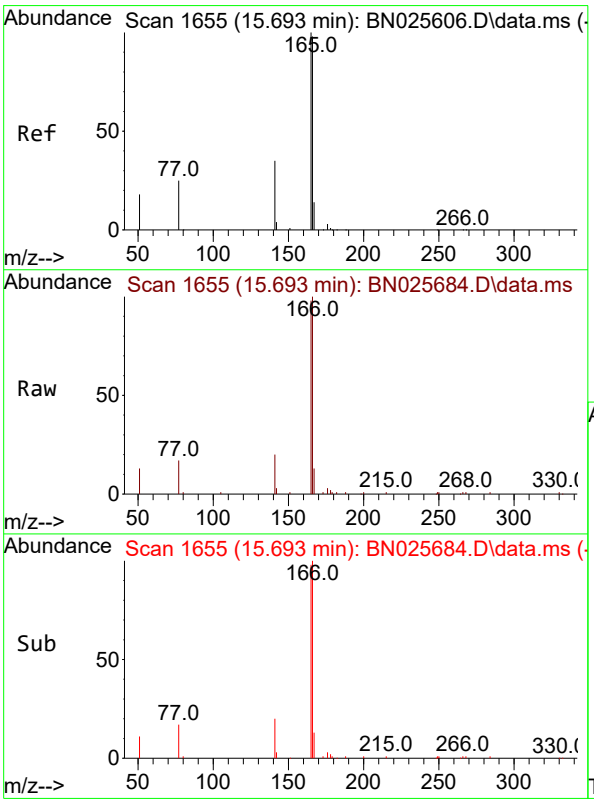
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:154 Resp: 11457

Ion	Ratio	Lower	Upper
154	100		
153	116.1	91.9	137.9
152	57.5	45.4	68.2

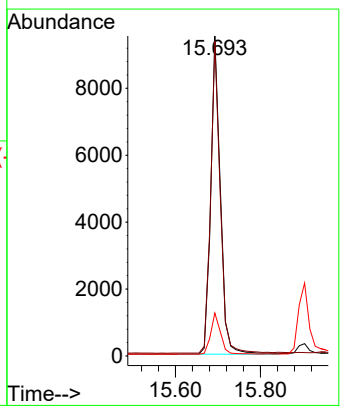


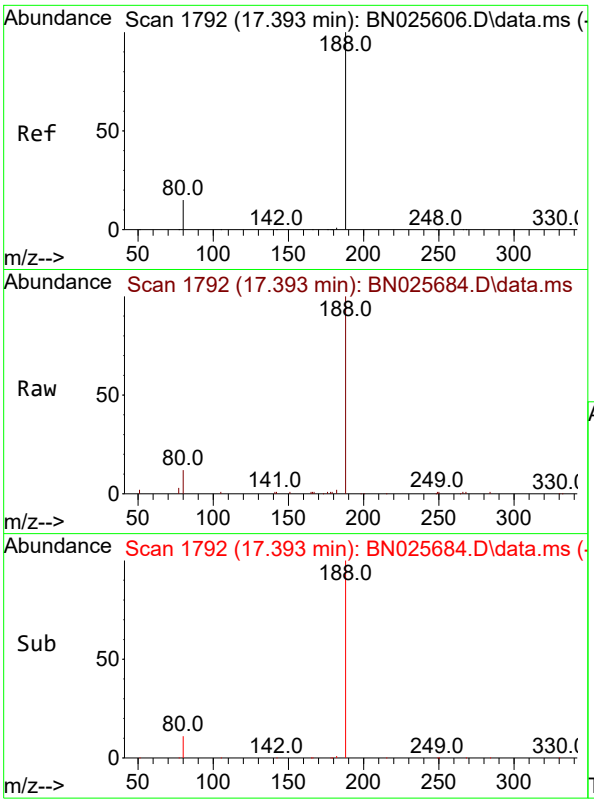


#18
Fluorene
Concen: 0.409 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:166 Resp: 14834

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.3	118.9
167	13.4	10.7	16.1



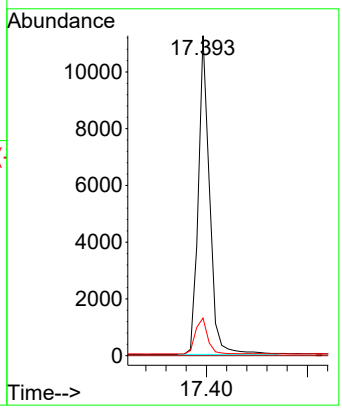


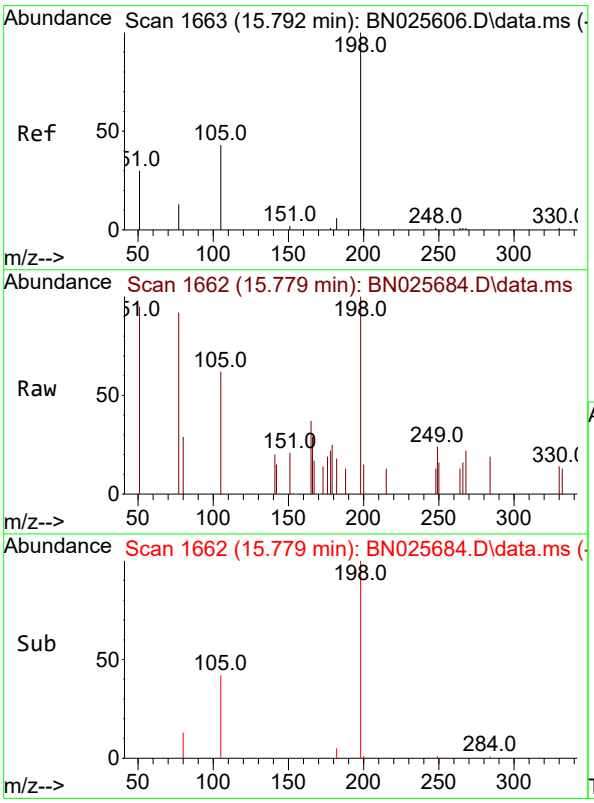
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:188 Resp: 17455

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	12.2	18.2#

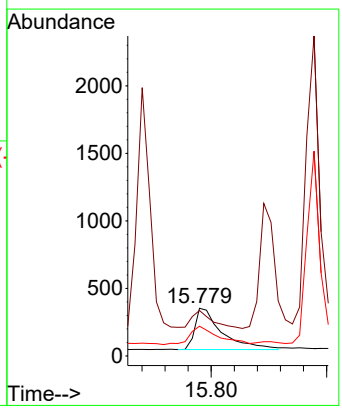


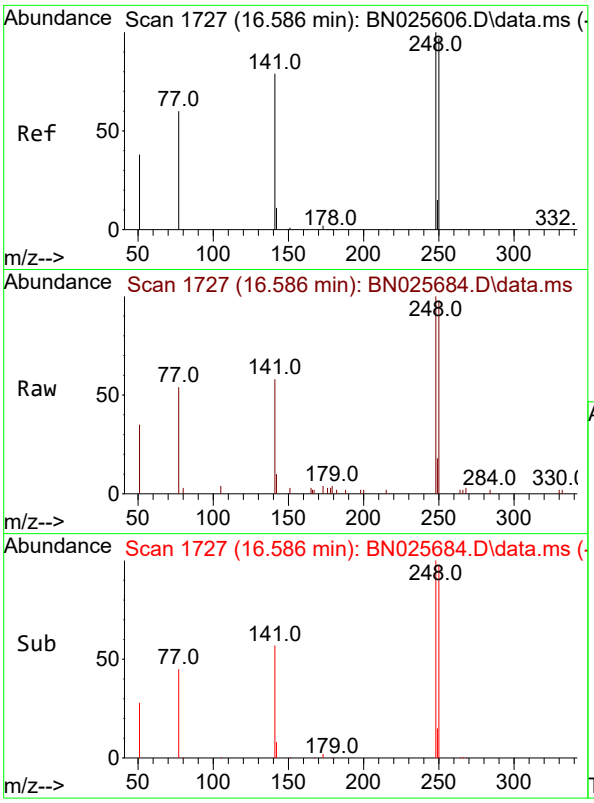


#20
4,6-Dinitro-2-methylphenol
Concen: 0.525 ng
RT: 15.779 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:198 Resp: 1005

Ion	Ratio	Lower	Upper
198	100		
51	95.5	110.8	166.2#
105	62.3	61.9	92.9



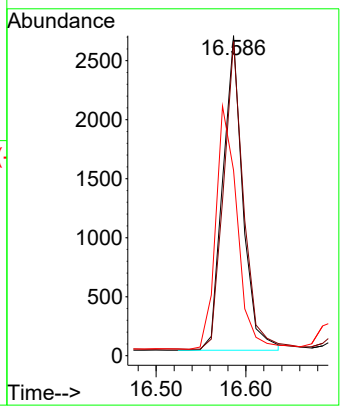


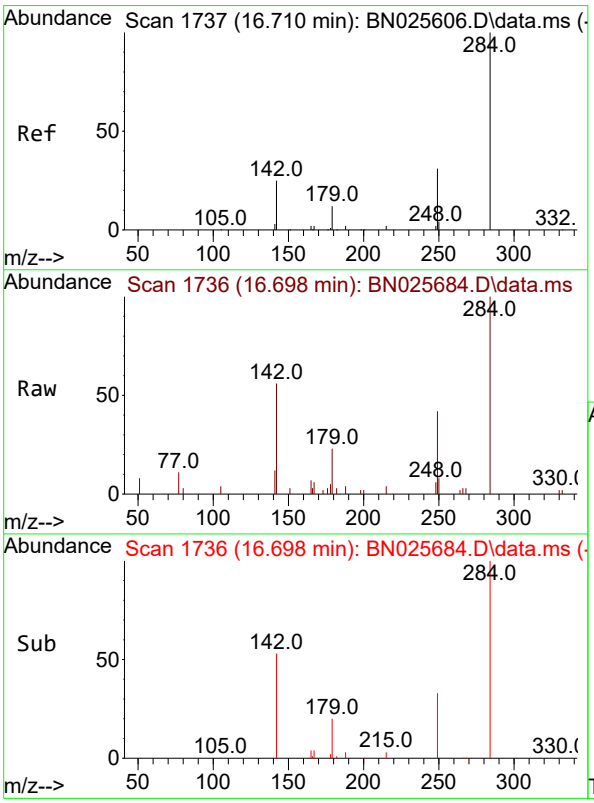
#21
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:248 Resp: 4113

Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.5	116.3
141	57.9	64.0	96.0#

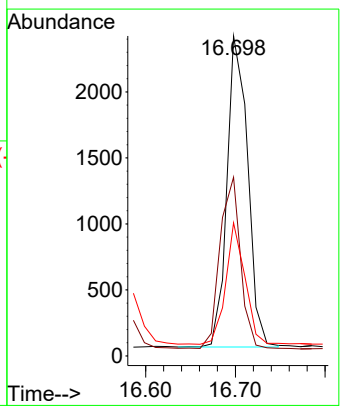


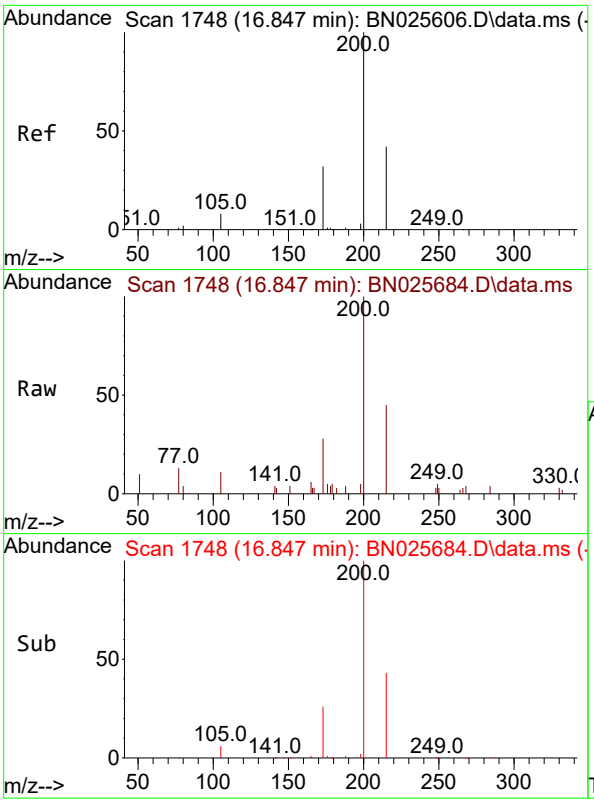


#22
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:284 Resp: 3775

Ion	Ratio	Lower	Upper
284	100		
142	54.2	42.0	63.0
249	35.8	28.6	43.0



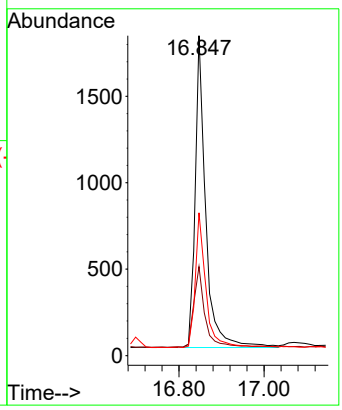


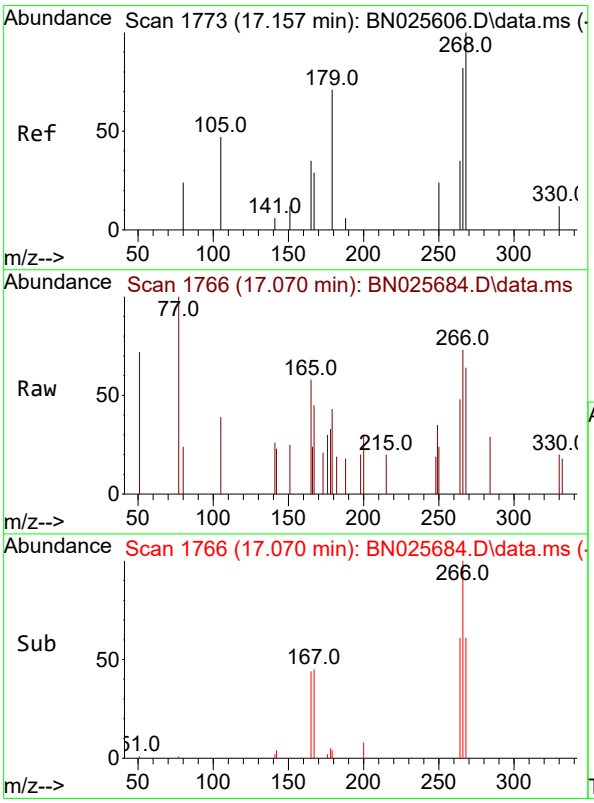
#23
Atrazine
Concen: 0.393 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:200 Resp: 3105

Ion	Ratio	Lower	Upper
200	100		
173	27.8	27.9	41.9#
215	44.6	35.1	52.7

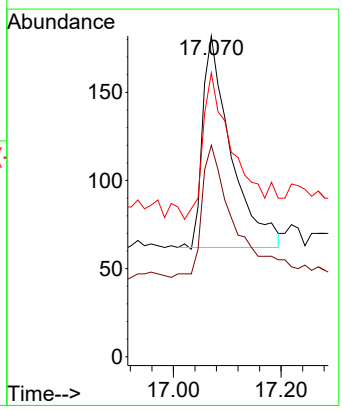


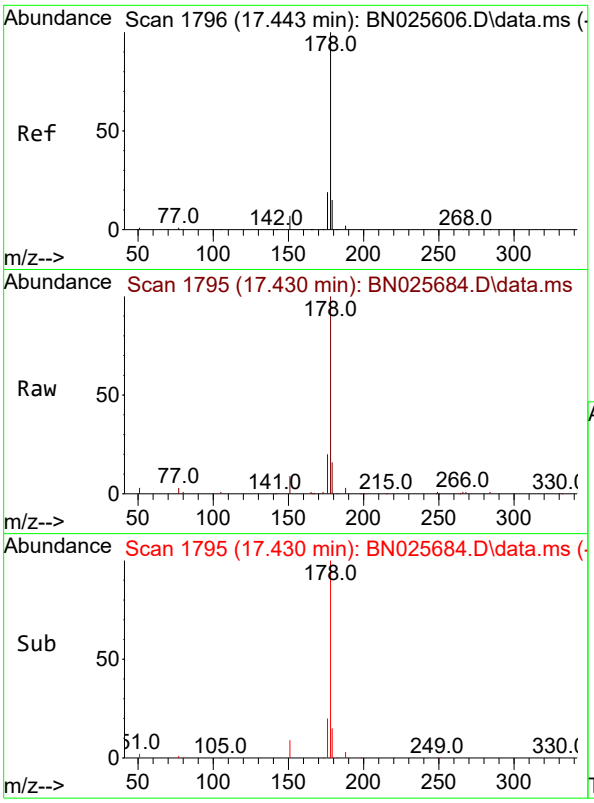


#24
Pentachlorophenol
Concen: 0.709 ng
RT: 17.070 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:266 Resp: 437

Ion	Ratio	Lower	Upper
266	100		
264	72.1	60.0	90.0
268	73.0	0.0	0.0#



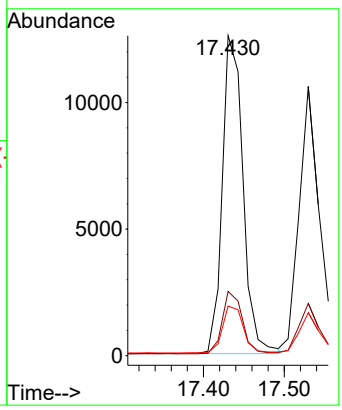


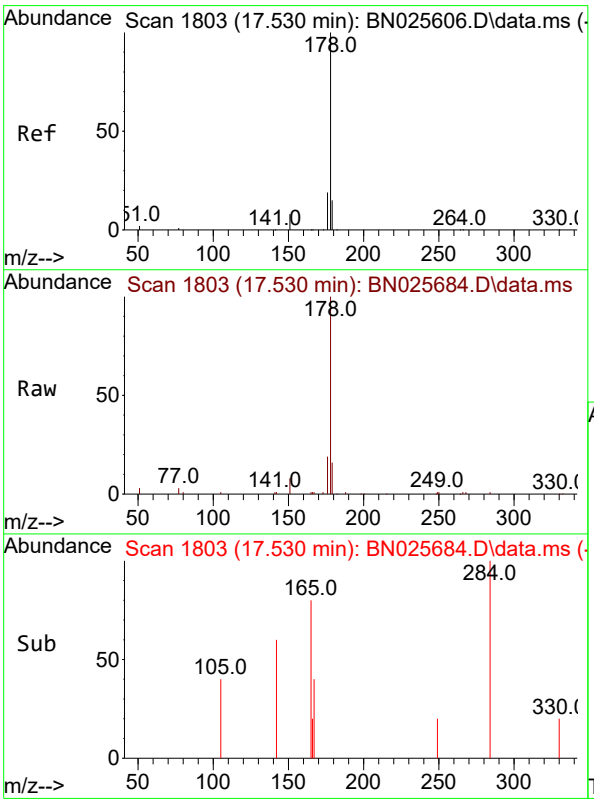
#25
Phenanthrene
Concen: 0.421 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:178 Resp: 22354

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.9	12.6	19.0

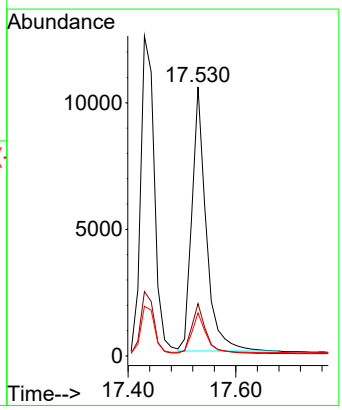


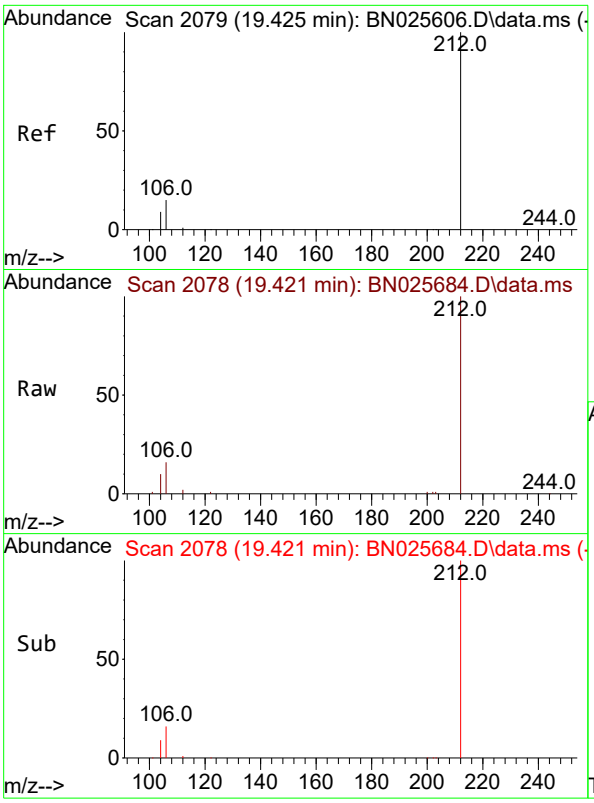


#26
Anthracene
Concen: 0.400 ng
RT: 17.530 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:178 Resp: 19219

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	14.8	12.2	18.2



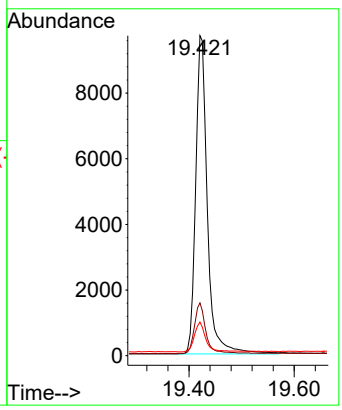


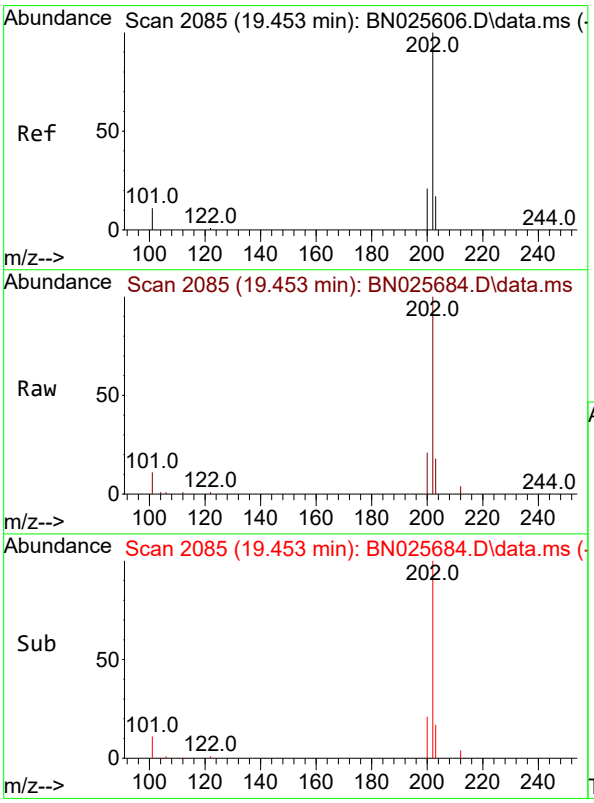
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:212 Resp: 14955

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	9.1	7.2	10.8

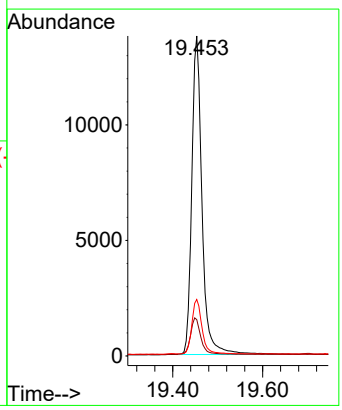


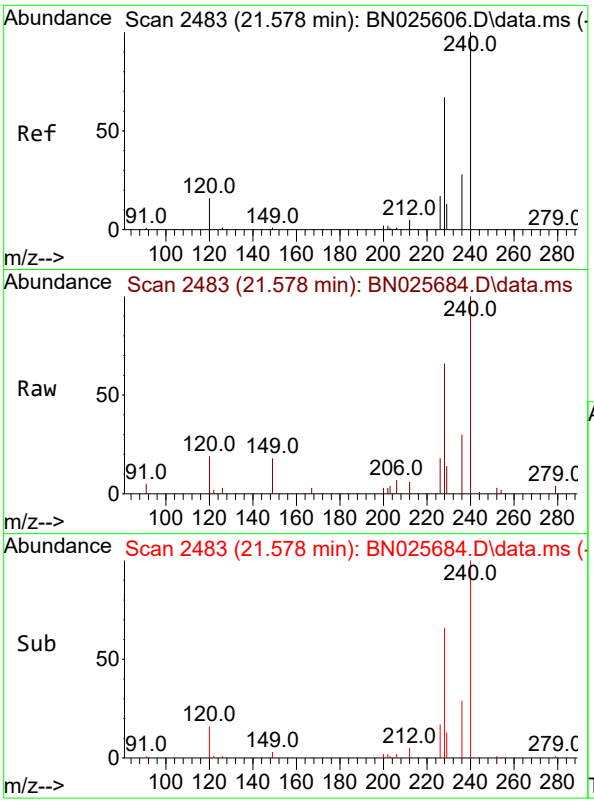


#28
Fluoranthene
Concen: 0.377 ng
RT: 19.453 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:202 Resp: 21830

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
203	17.0	13.3	19.9



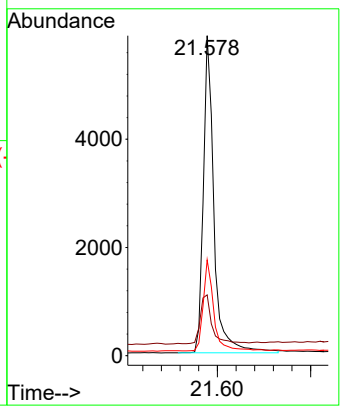


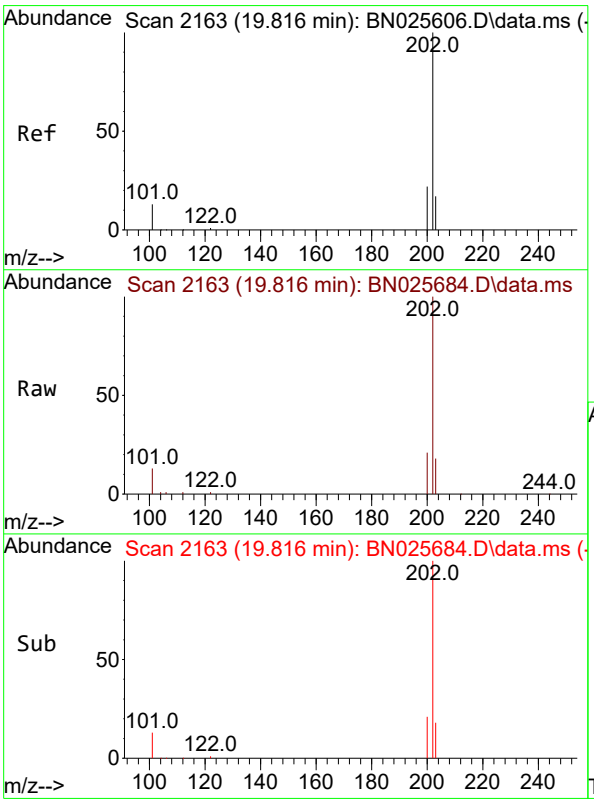
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:240 Resp: 9332

Ion	Ratio	Lower	Upper
240	100		
120	19.0	15.4	23.0
236	30.0	23.2	34.8

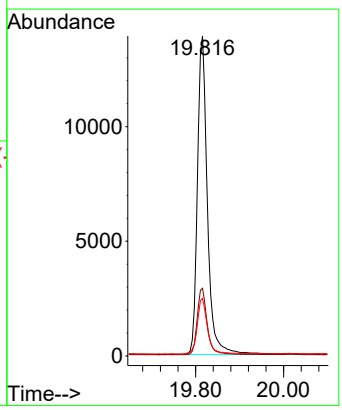


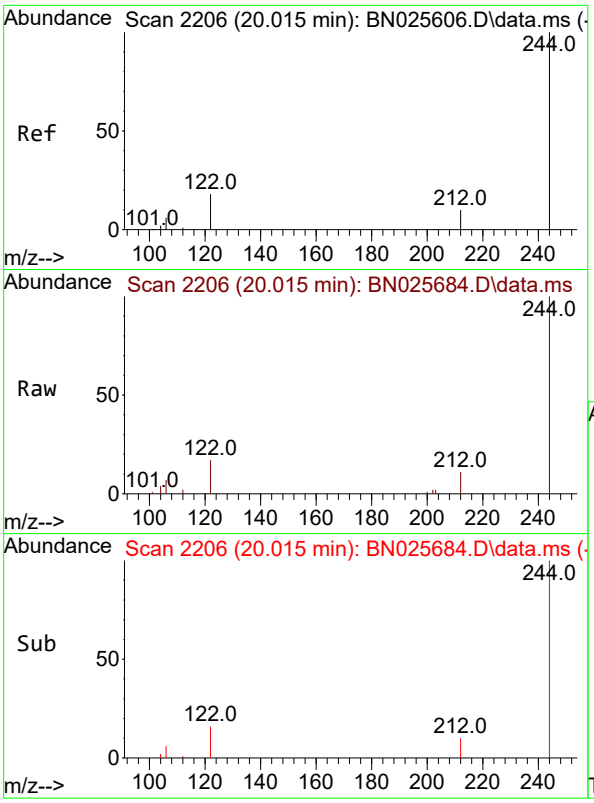


#30
Pyrene
Concen: 0.482 ng
RT: 19.816 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:202 Resp: 21901

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	17.8	14.5	21.7



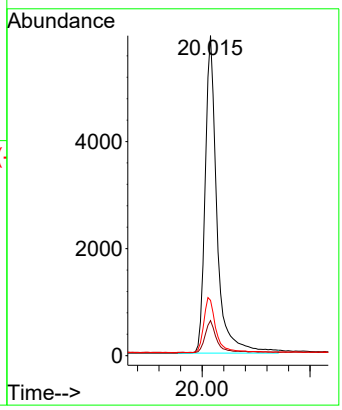


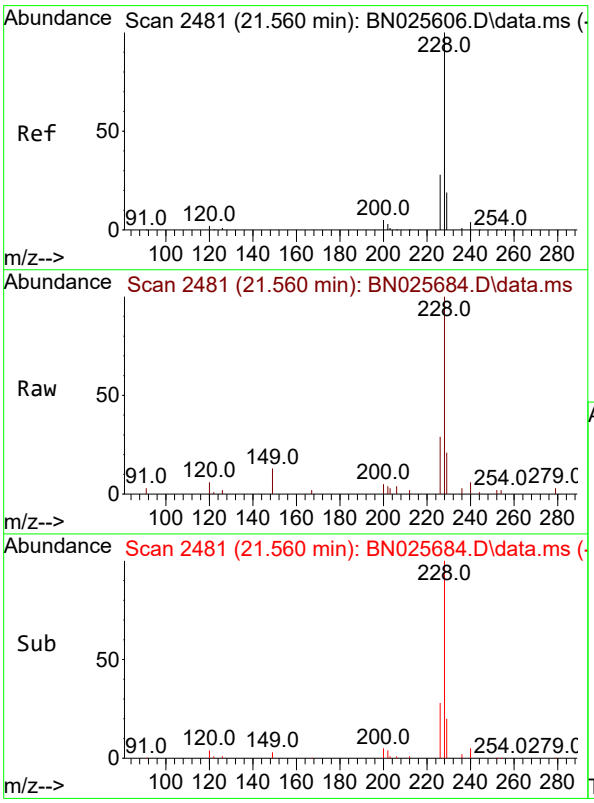
#31
Terphenyl-d14
Concen: 0.441 ng
RT: 20.015 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:244 Resp: 9002

Ion	Ratio	Lower	Upper
244	100		
212	11.0	8.5	12.7
122	17.3	14.9	22.3

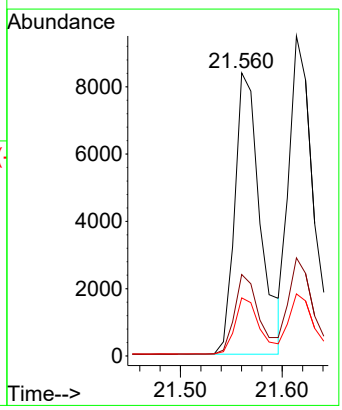


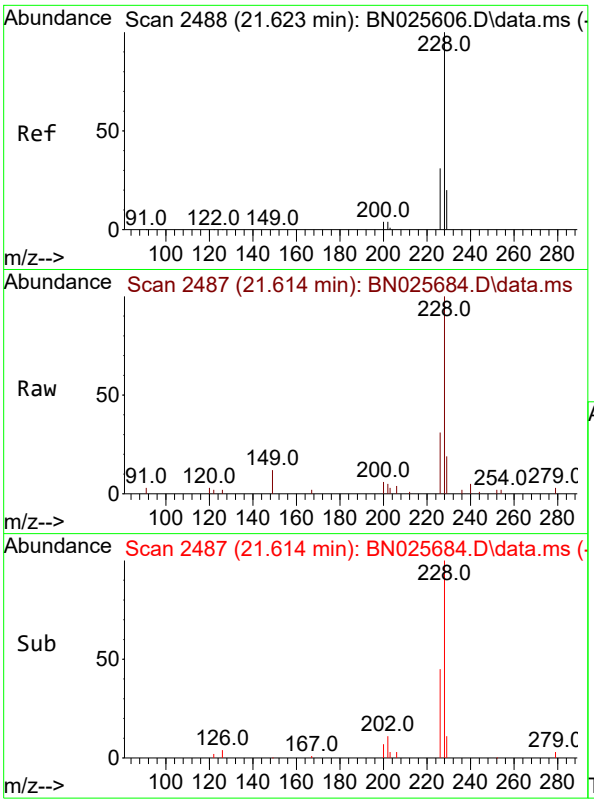


#32
Benzo(a)anthracene
Concen: 0.419 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:228 Resp: 14552

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.9	34.3
229	20.5	15.9	23.9



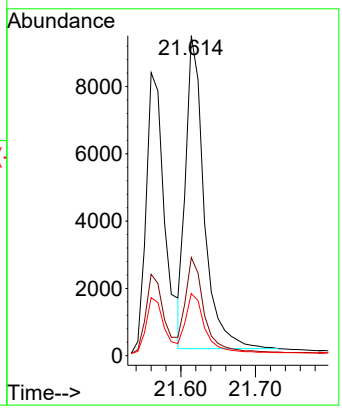


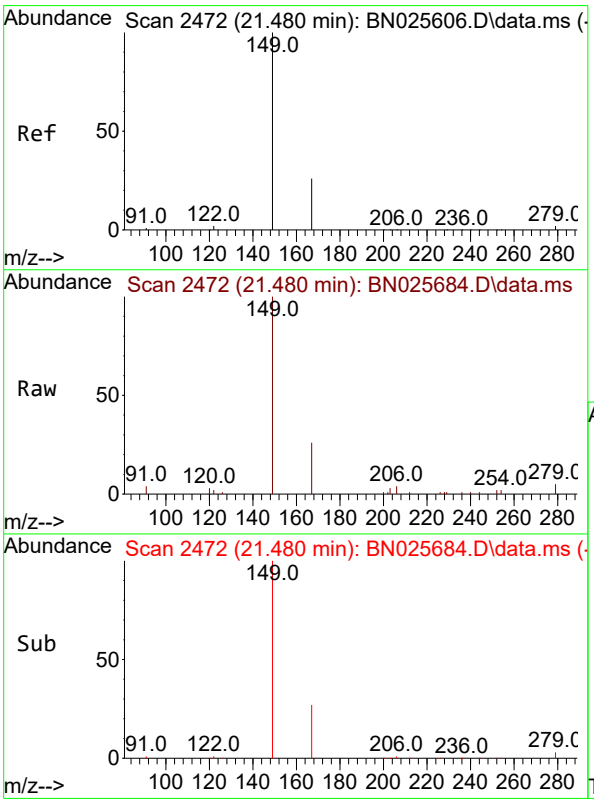
#33
Chrysene
Concen: 0.422 ng
RT: 21.614 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:228 Resp: 15934

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	19.4	16.2	24.4

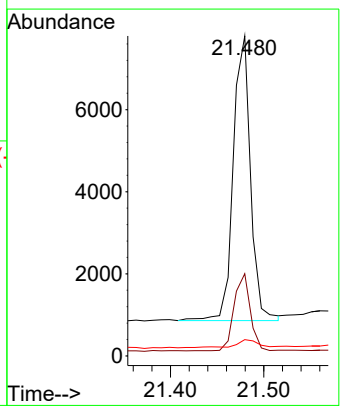


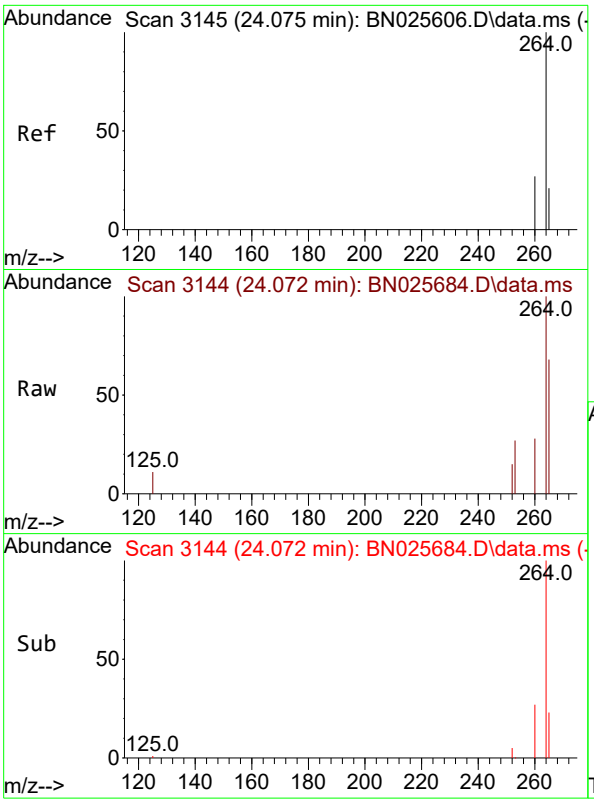


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.424 ng
RT: 21.480 min Scan# 2472
Delta R.T. 0.009 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:149 Resp: 8965

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.4	30.6
279	4.1	3.3	4.9



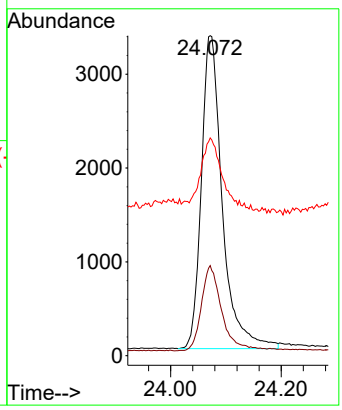


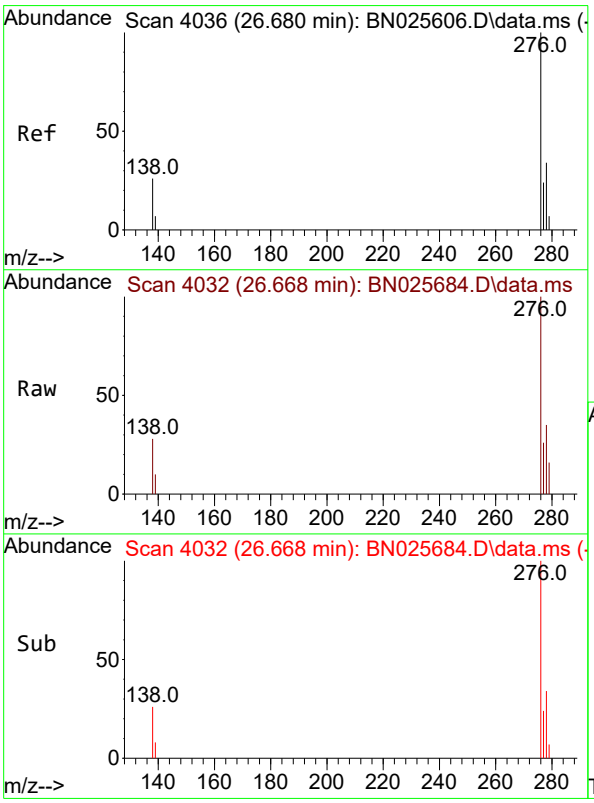
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.072 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:264 Resp: 8768

Ion	Ratio	Lower	Upper
264	100		
260	28.1	22.3	33.5
265	68.0	54.3	81.5

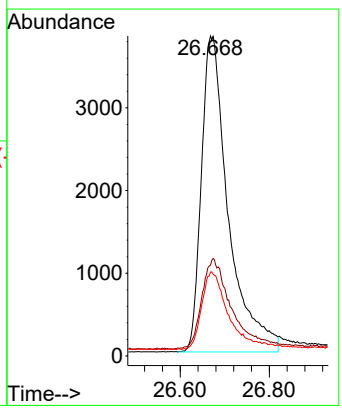


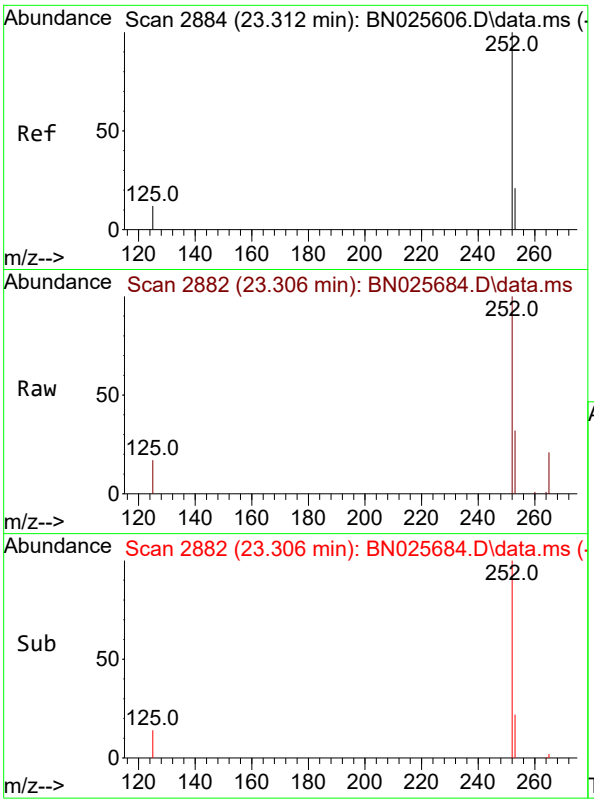


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.478 ng
RT: 26.668 min Scan# 4032
Delta R.T. -0.012 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:276 Resp: 16068

Ion	Ratio	Lower	Upper
276	100		
138	31.0	10.5	15.7#
277	23.9	9.2	13.8#



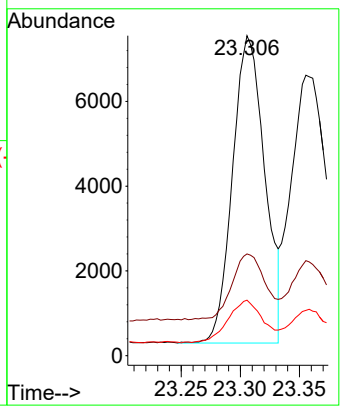


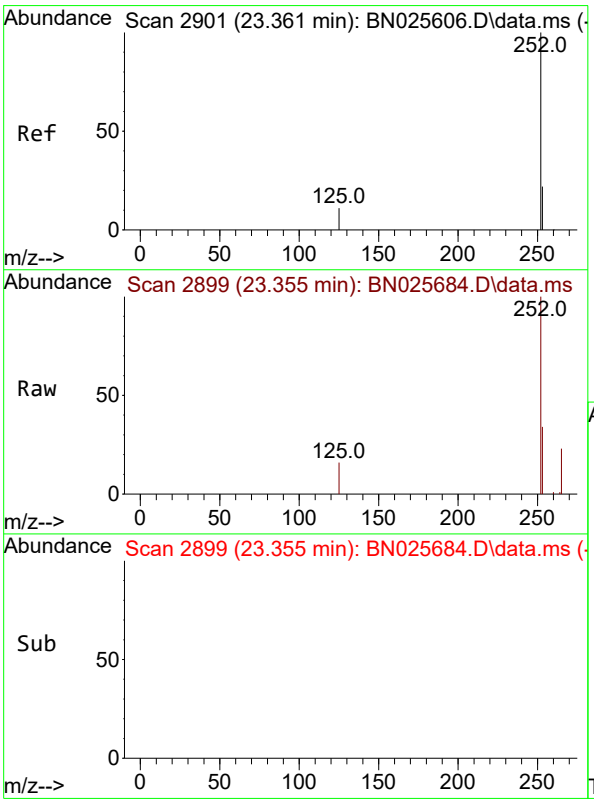
#37
Benzo(b)fluoranthene
Concen: 0.412 ng
RT: 23.306 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:252 Resp: 13738

Ion	Ratio	Lower	Upper
252	100		
253	31.8	26.2	39.4
125	17.3	12.9	19.3

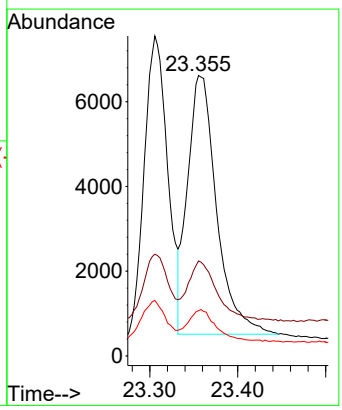


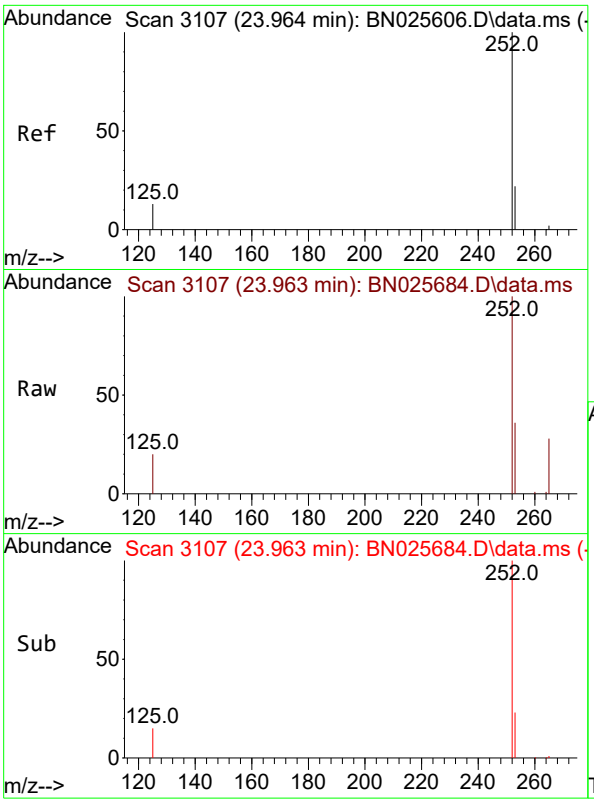


#38
Benzo(k)fluoranthene
Concen: 0.405 ng
RT: 23.355 min Scan# 2899
Delta R.T. -0.000 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:252 Resp: 14071

Ion	Ratio	Lower	Upper
252	100		
253	33.9	26.1	39.1
125	16.2	12.5	18.7



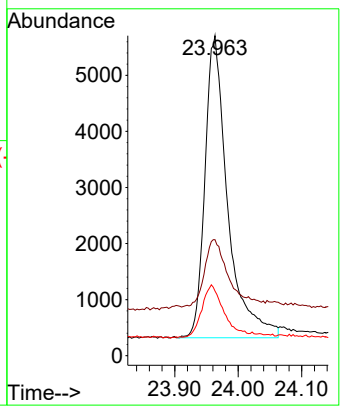


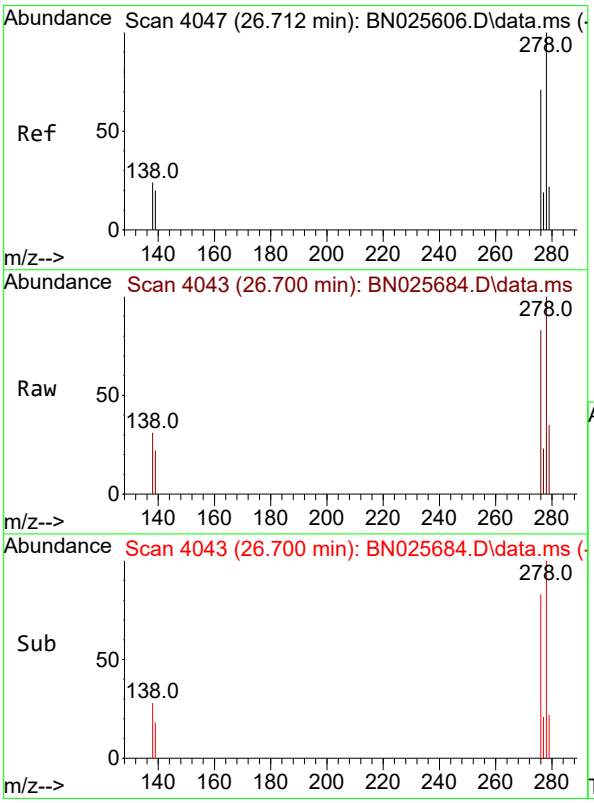
#39
Benzo(a)pyrene
Concen: 0.420 ng
RT: 23.963 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:252 Resp: 13389

Ion	Ratio	Lower	Upper
252	100		
253	36.3	30.2	45.2
125	20.2	14.8	22.2

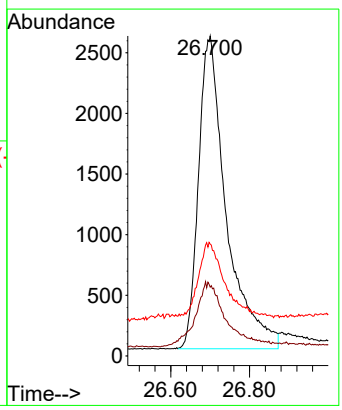


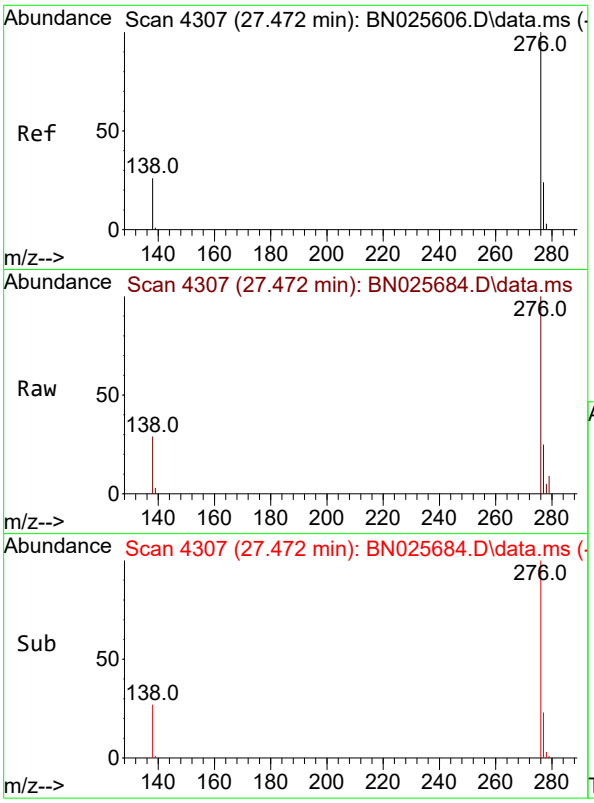


#40
Dibenzo(a,h)anthracene
Concen: 0.474 ng
RT: 26.700 min Scan# 4043
Delta R.T. -0.003 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Tgt Ion:278 Resp: 12618

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.6	28.0
279	34.9	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.486 ng
RT: 27.472 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN025684.D
Acq: 28 May 2023 16:50

Instrument :
BNA_N
ClientSampleId :
PB153051BSD

Tgt Ion:276 Resp: 14766

Ion	Ratio	Lower	Upper
276	100		
277	25.1	21.4	32.0
138	28.8	22.8	34.2