Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025738.D
Acq On : 31 May 2023 13:53
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 01 00:52:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration

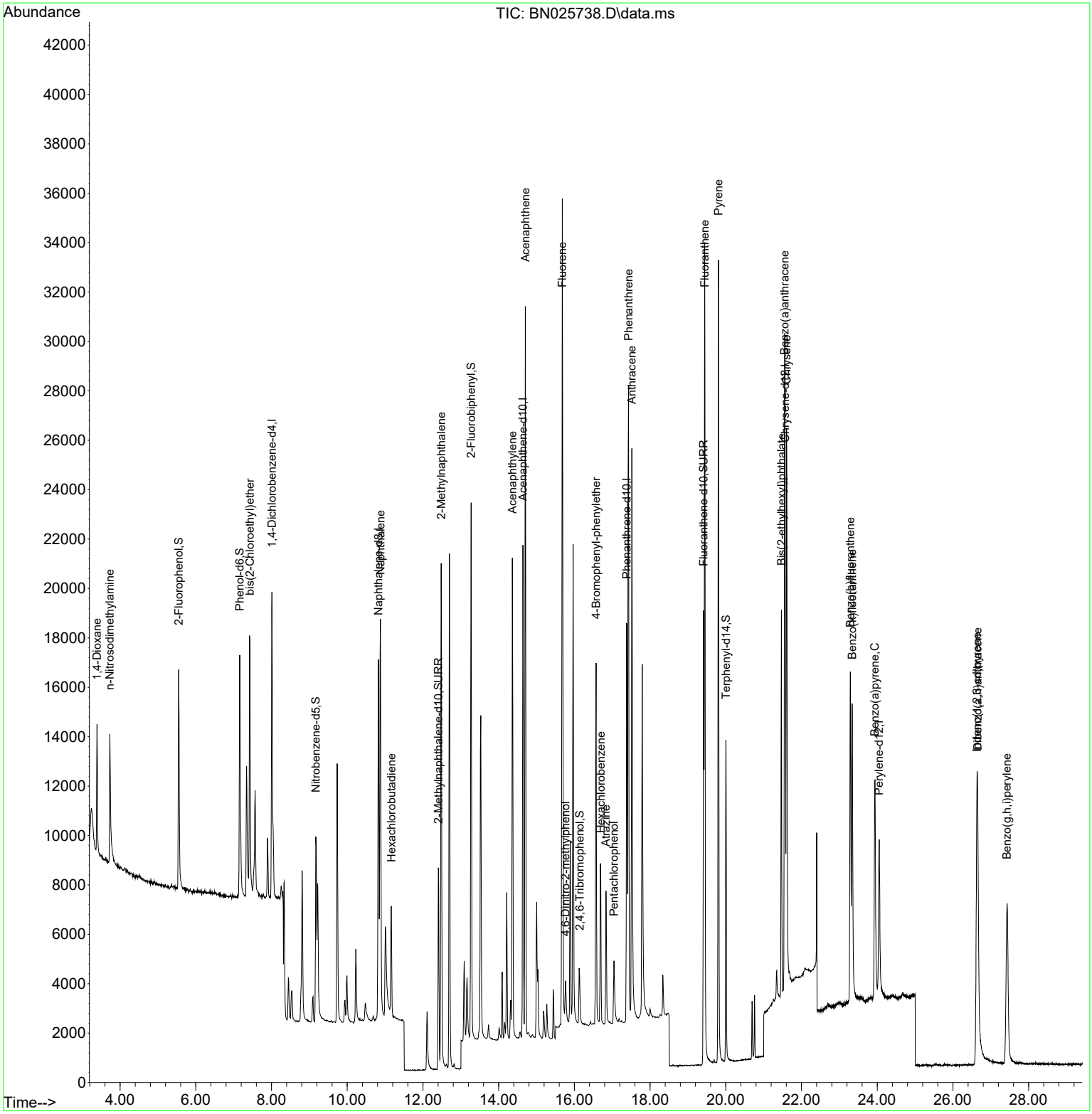
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	6568	0.400	ng		0.00
7) Naphthalene-d8	10.825	136	19238	0.400	ng		0.00
13) Acenaphthene-d10	14.641	164	11042	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	22990	0.400	ng		0.00
29) Chrysene-d12	21.569	240	12925	0.400	ng		0.00
35) Perylene-d12	24.051	264	10609	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	8058	0.436	ng		0.00
5) Phenol-d6	7.160	99	9737	0.429	ng		0.00
8) Nitrobenzene-d5	9.170	82	7314	0.409	ng		0.00
11) 2-Methylnaphthalene-d10	12.408	152	11906	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1355	0.398	ng		0.00
15) 2-Fluorobiphenyl	13.272	172	19483	0.417	ng		0.00
27) Fluoranthene-d10	19.412	212	21146	0.447	ng		0.00
31) Terphenyl-d14	20.006	244	13050	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	3377	0.438	ng		100
3) n-Nitrosodimethylamine	3.729	42	4219	0.429	ng		100
6) bis(2-Chloroethyl)ether	7.427	93	9108	0.442	ng		100
9) Naphthalene	10.878	128	24384	0.424	ng		100
10) Hexachlorobutadiene	11.166	225	3803	0.430	ng	#	100
12) 2-Methylnaphthalene	12.483	142	15773	0.431	ng		100
16) Acenaphthylene	14.363	152	22036	0.415	ng		100
17) Acenaphthene	14.705	154	14587	0.418	ng		100
18) Fluorene	15.680	166	19484	0.434	ng		100
20) 4,6-Dinitro-2-methylph...	15.767	198	1659	0.386	ng		100
21) 4-Bromophenyl-phenylether	16.574	248	5568	0.418	ng		100
22) Hexachlorobenzene	16.698	284	4778	0.419	ng		100
23) Atrazine	16.835	200	4717	0.435	ng		100
24) Pentachlorophenol	17.046	266	1703	0.401	ng		100
25) Phenanthrene	17.431	178	30100	0.426	ng		100
26) Anthracene	17.517	178	27069	0.419	ng		100
28) Fluoranthene	19.444	202	31133	0.447	ng		100
30) Pyrene	19.807	202	31161	0.425	ng		100
32) Benzo(a)anthracene	21.551	228	20719	0.415	ng		100
33) Chrysene	21.605	228	23068	0.437	ng		100
34) Bis(2-ethylhexyl)phtha...	21.471	149	14042	0.442	ng		100
36) Indeno(1,2,3-cd)pyrene	26.633	276	18235	0.397	ng		100
37) Benzo(b)fluoranthene	23.291	252	18221	0.435	ng		100
38) Benzo(k)fluoranthene	23.338	252	18174	0.432	ng		100
39) Benzo(a)pyrene	23.937	252	16607	0.419	ng		100
40) Dibenzo(a,h)anthracene	26.653	278	14542	0.399	ng		100
41) Benzo(g,h,i)perylene	27.428	276	16381	0.398	ng		100

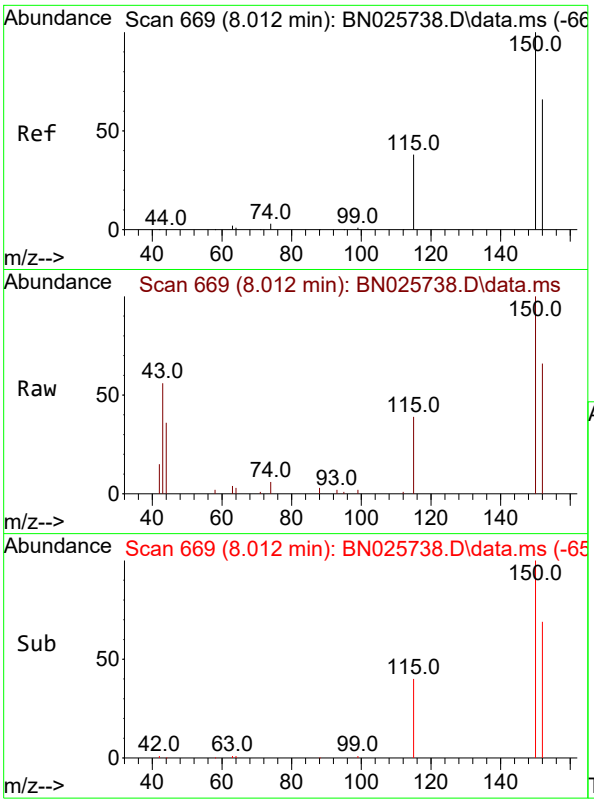
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025738.D
Acq On : 31 May 2023 13:53
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jun 01 00:52:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 00:50:40 2023
Response via : Initial Calibration



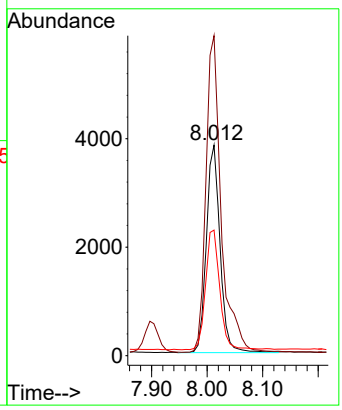


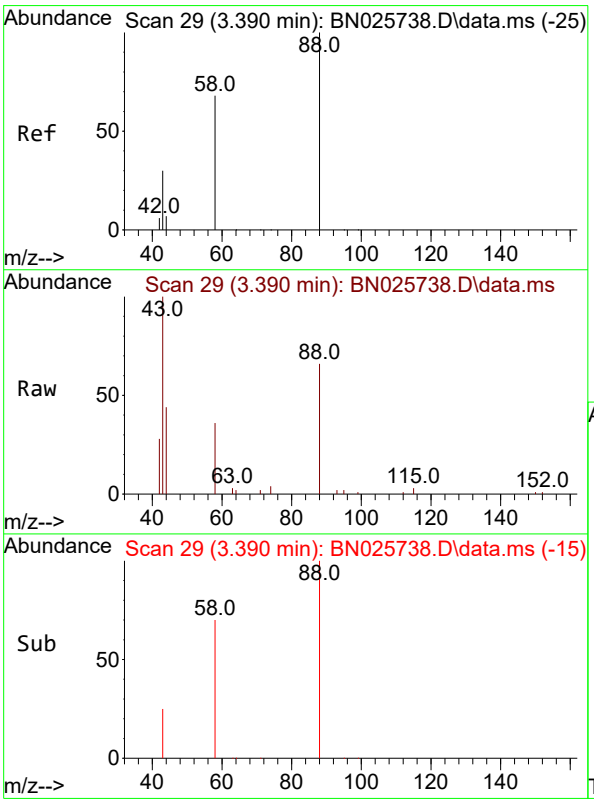
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 6568

Ion	Ratio	Lower	Upper
152	100		
150	151.9	121.5	182.3
115	59.6	47.7	71.5

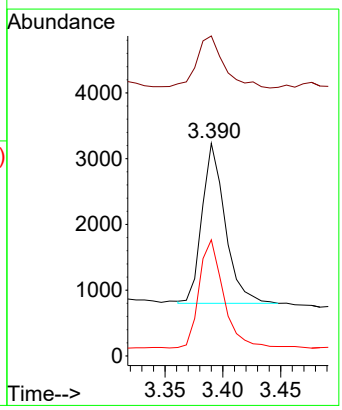


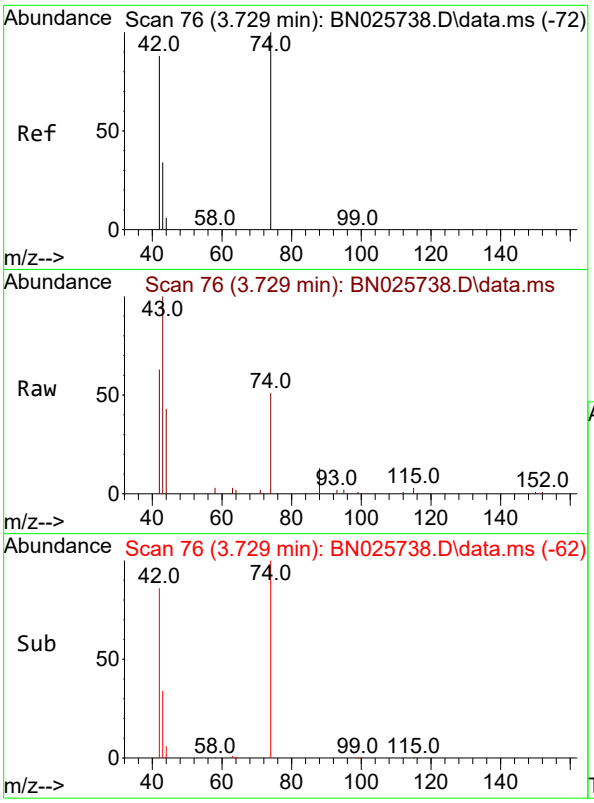


#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.390 min Scan# 29
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion: 88 Resp: 3377

Ion	Ratio	Lower	Upper
88	100		
43	38.7	31.0	46.4
58	71.6	57.3	85.9



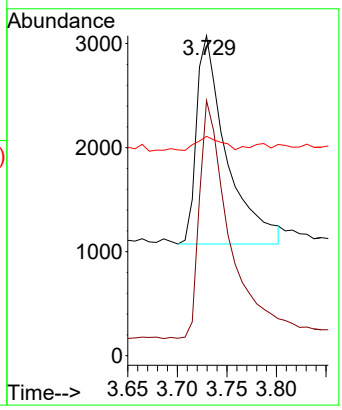


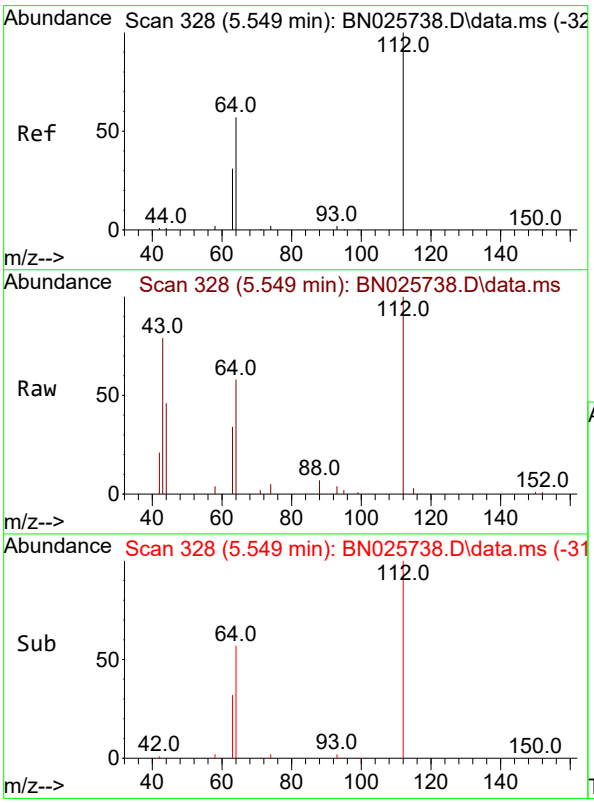
#3
n-Nitrosodimethylamine
Concen: 0.429 ng
RT: 3.729 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 4219

Ion	Ratio	Lower	Upper
42	100		
74	113.1	90.5	135.7
44	5.5	4.4	6.6

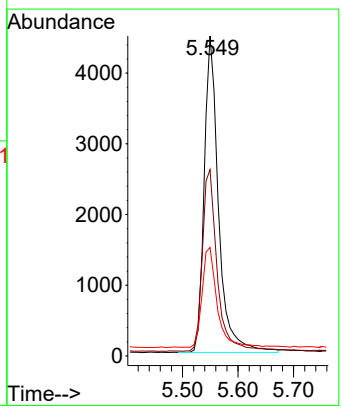


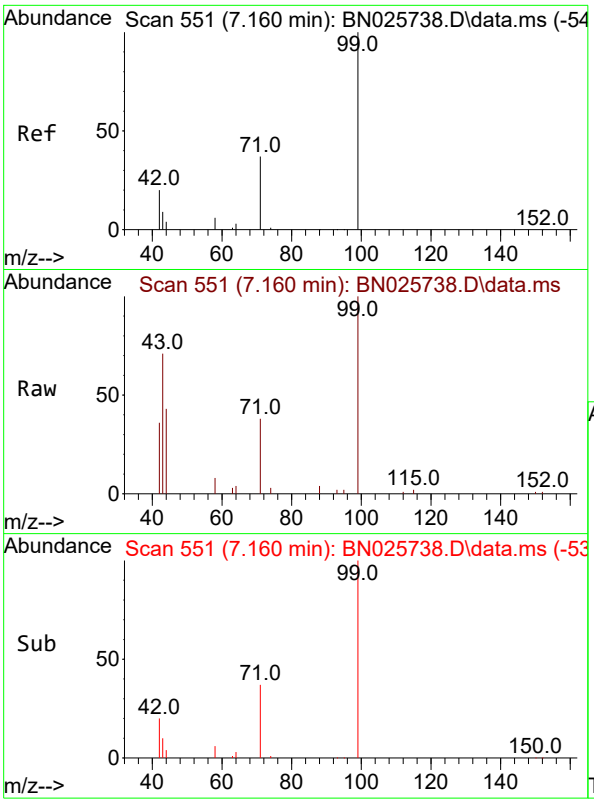


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.549 min Scan# 328
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:112 Resp: 8058

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.5	71.3
63	32.8	26.2	39.4



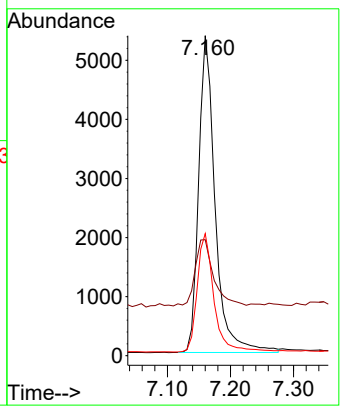


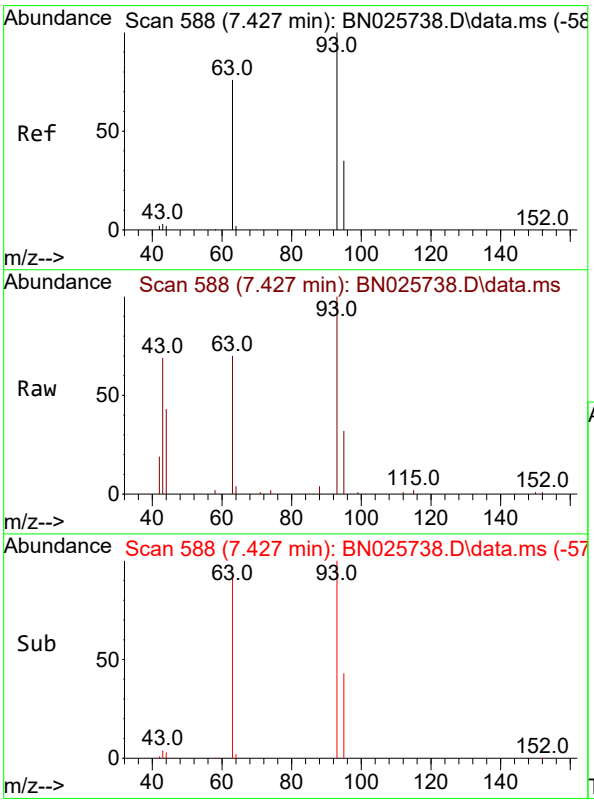
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.160 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 9737

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.6	28.0
71	38.1	30.5	45.7

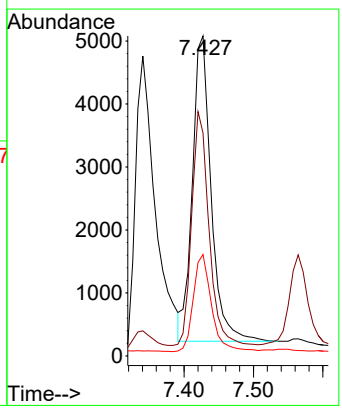


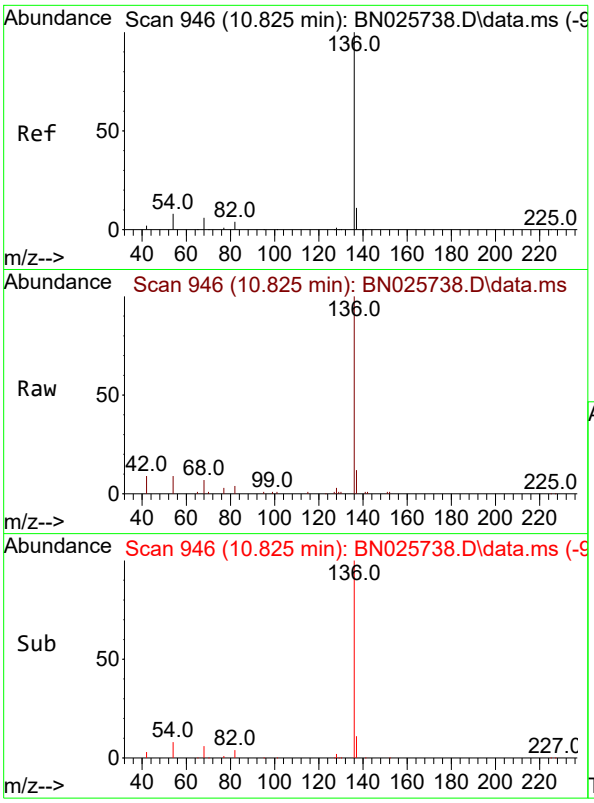


#6
bis(2-Chloroethyl)ether
Concen: 0.442 ng
RT: 7.427 min Scan# 588
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion: 93 Resp: 9108

Ion	Ratio	Lower	Upper
93	100		
63	70.5	56.4	84.6
95	30.8	24.6	37.0



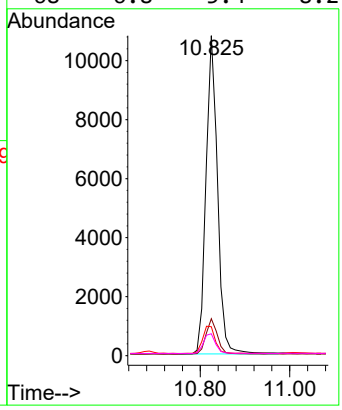


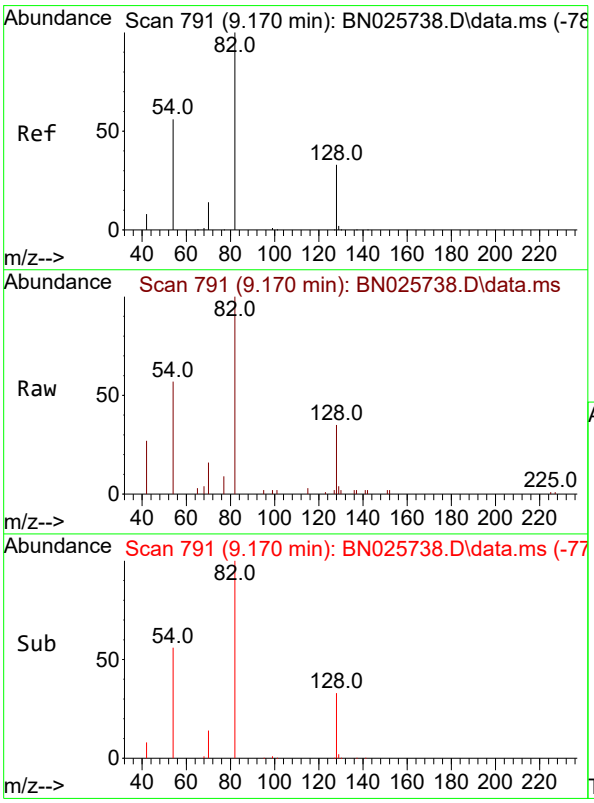
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 19238

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.0	7.2	10.8
68	6.8	5.4	8.2

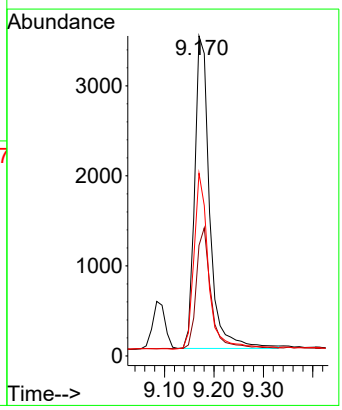


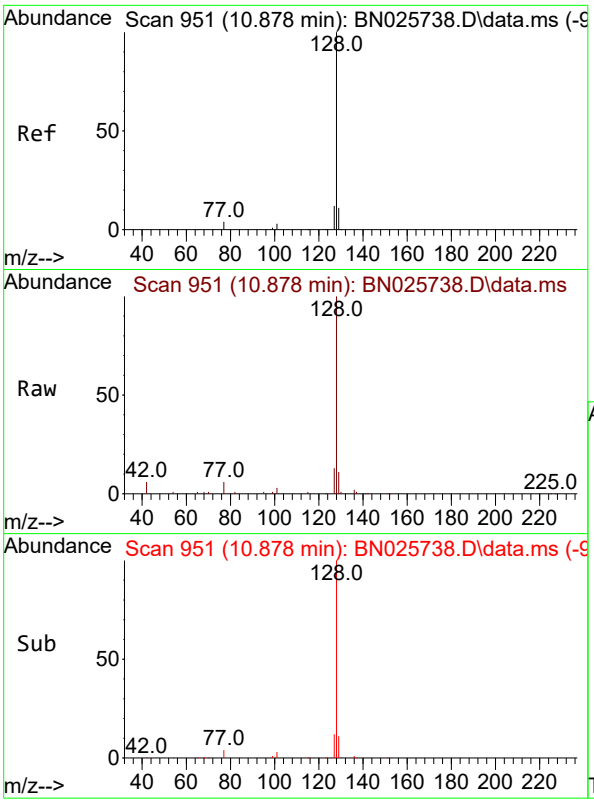


#8
Nitrobenzene-d5
Concen: 0.409 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion: 82 Resp: 7314

Ion	Ratio	Lower	Upper
82	100		
128	34.5	27.6	41.4
54	57.1	45.7	68.5



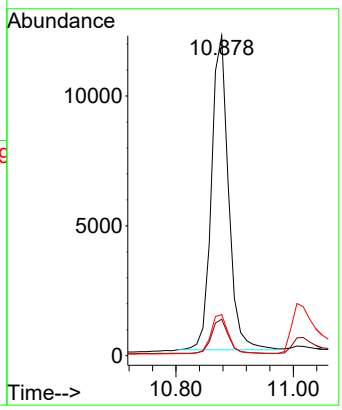


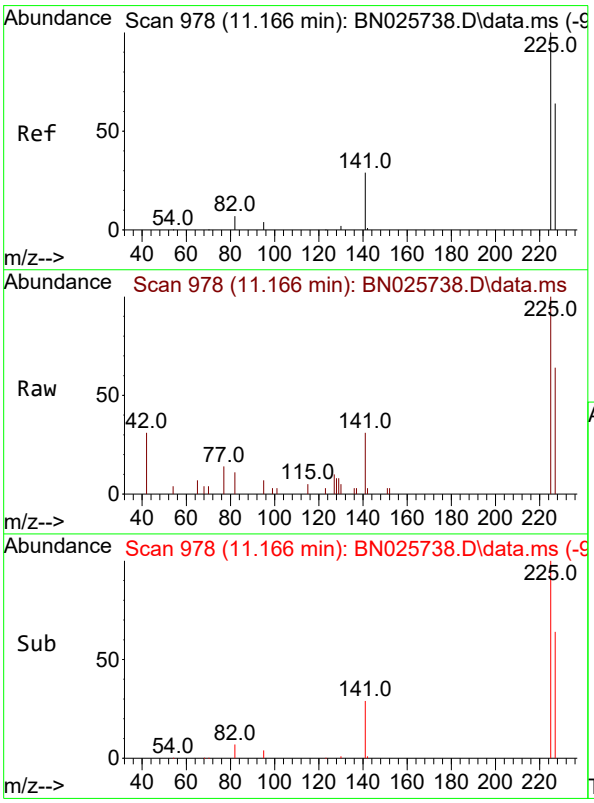
#9
Naphthalene
Concen: 0.424 ng
RT: 10.878 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 24384

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.9	10.3	15.5

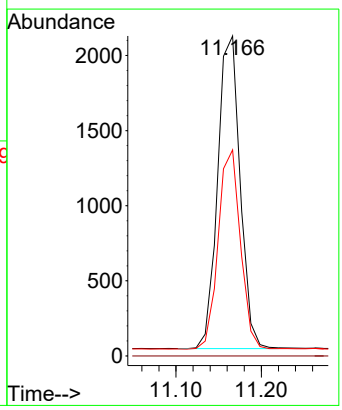


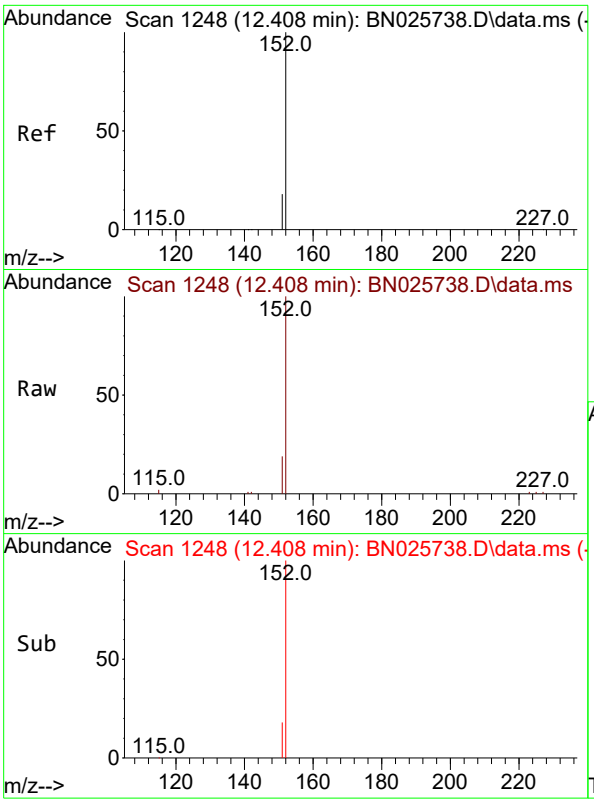


#10
Hexachlorobutadiene
Concen: 0.430 ng
RT: 11.166 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:225 Resp: 3803

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.4	75.6



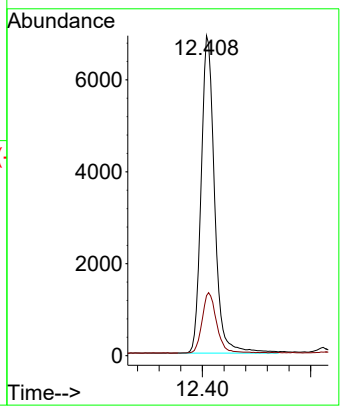


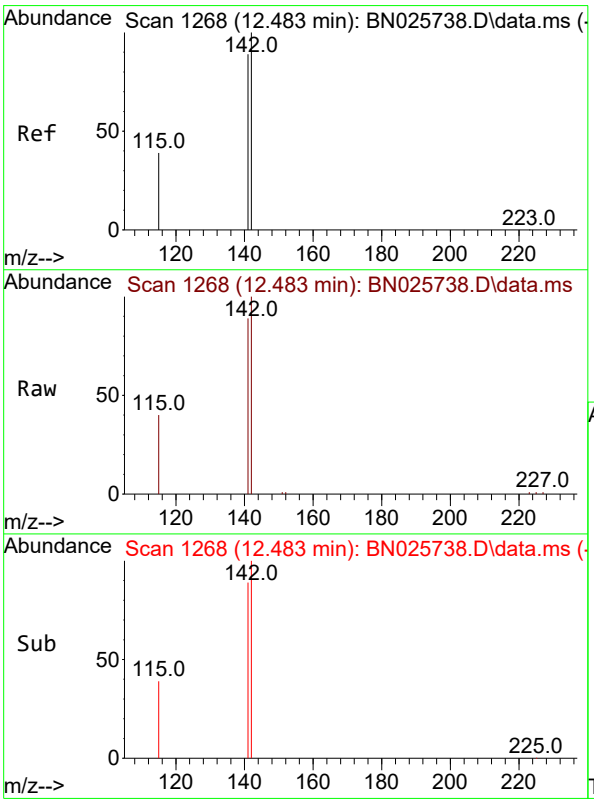
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 11906

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

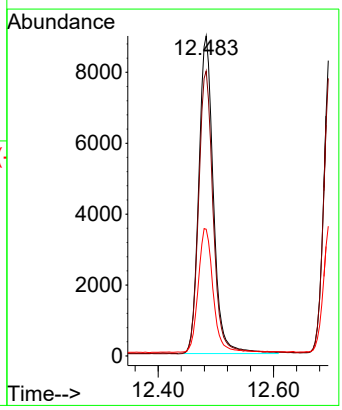


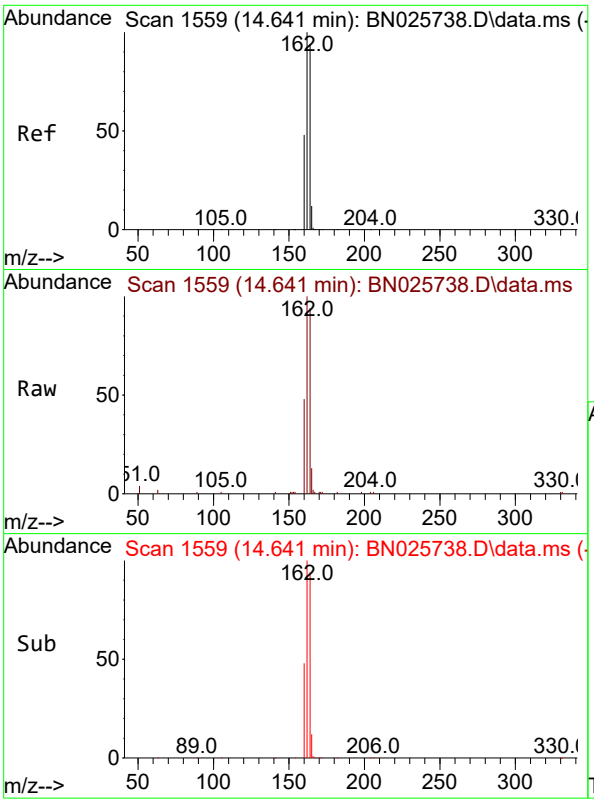


#12
2-Methylnaphthalene
Concen: 0.431 ng
RT: 12.483 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:142 Resp: 15773

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8
115	39.6	31.7	47.5



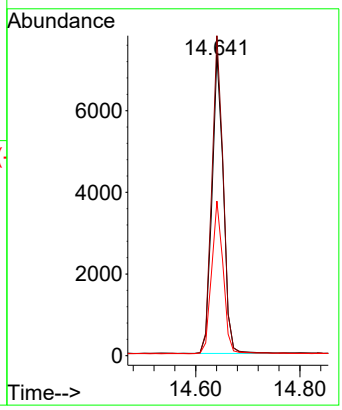


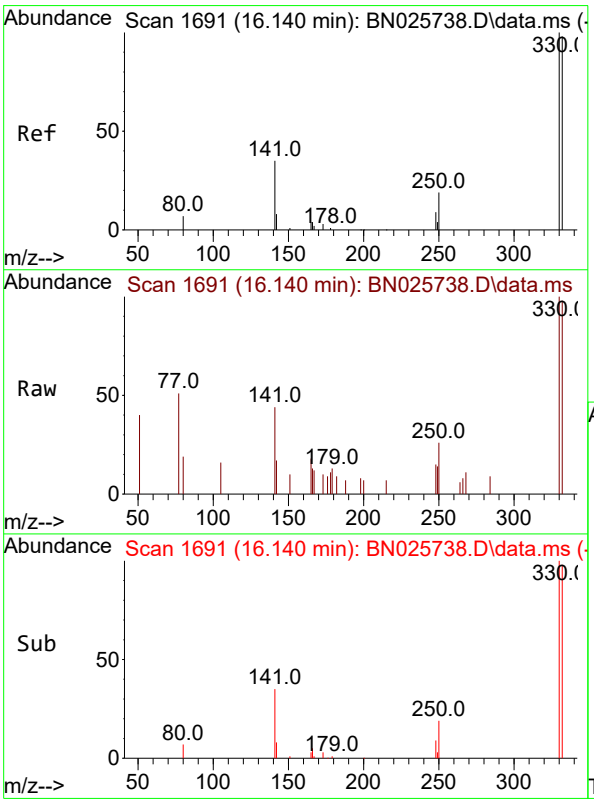
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 11042

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.0	127.6
160	51.4	41.1	61.7

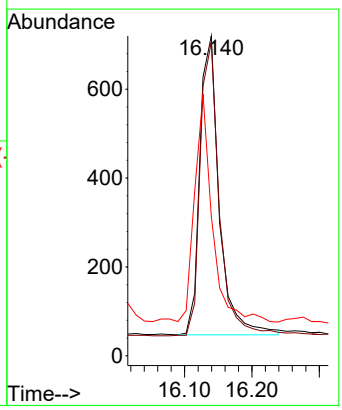


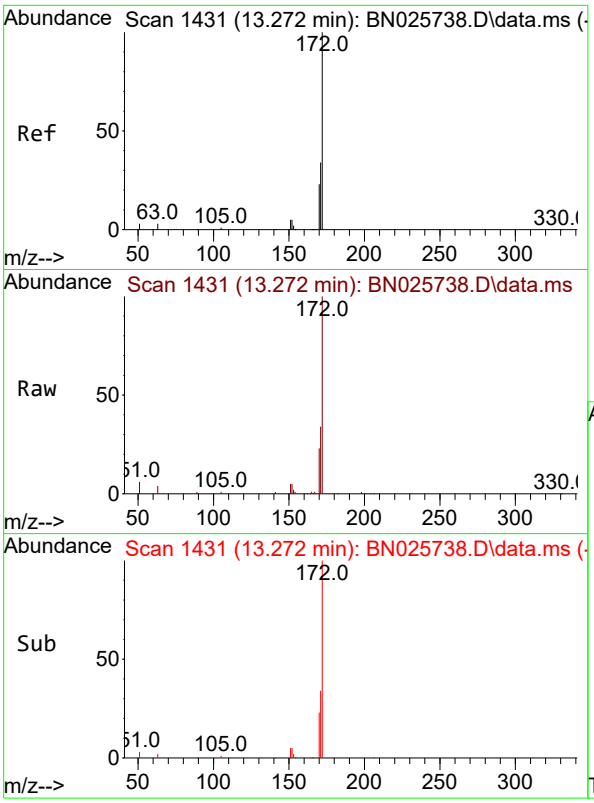


#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 16.140 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:330 Resp: 1355

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	68.8	55.0	82.6



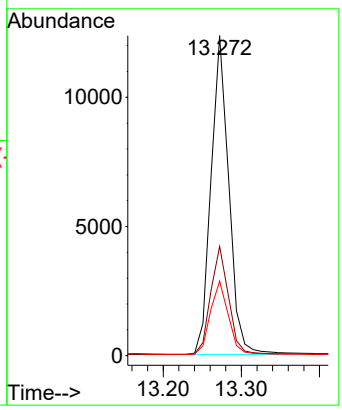


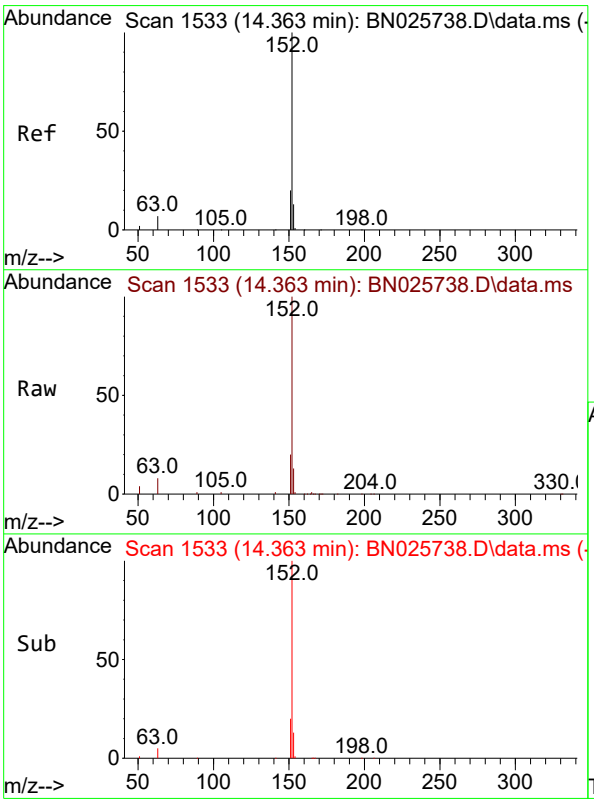
#15
2-Fluorobiphenyl
Concen: 0.417 ng
RT: 13.272 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 19483

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.3	40.9
170	23.3	18.6	28.0

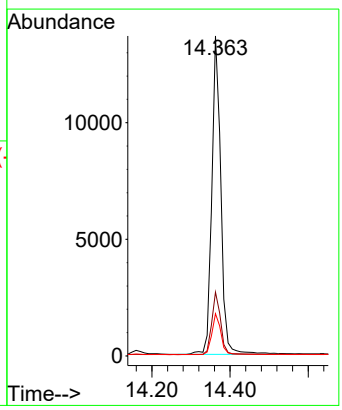


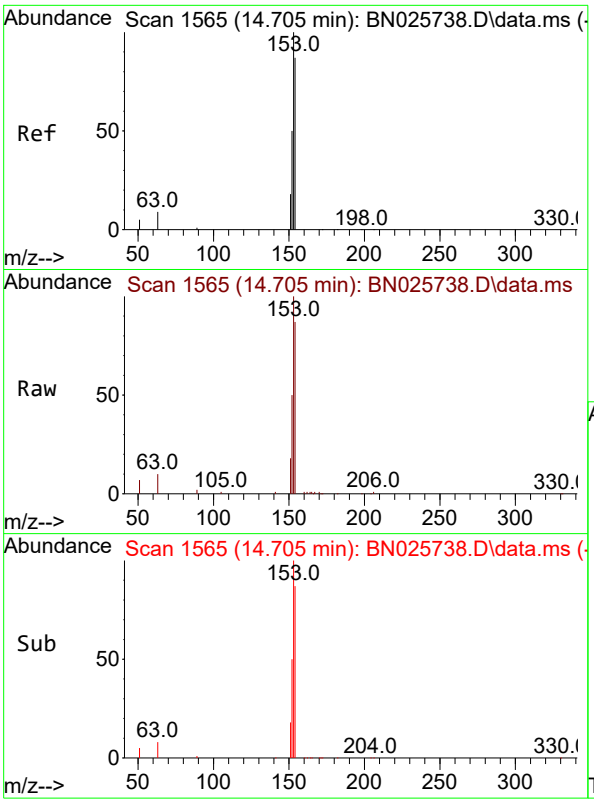


#16
Acenaphthylene
Concen: 0.415 ng
RT: 14.363 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:152 Resp: 22036

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	13.0	10.4	15.6



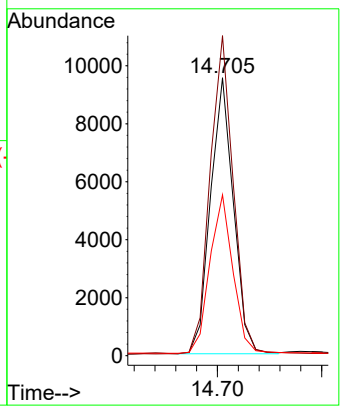


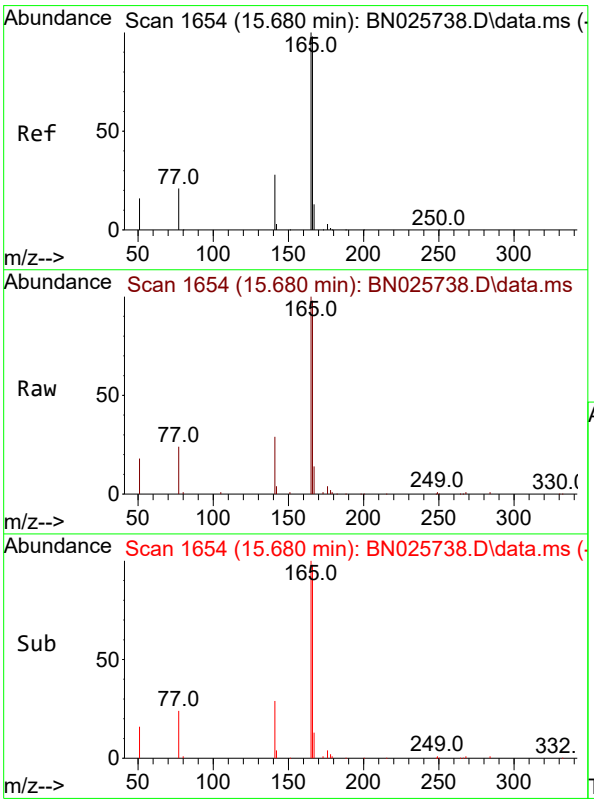
#17
Acenaphthene
Concen: 0.418 ng
RT: 14.705 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 14587

Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.0	139.6
152	58.1	46.5	69.7

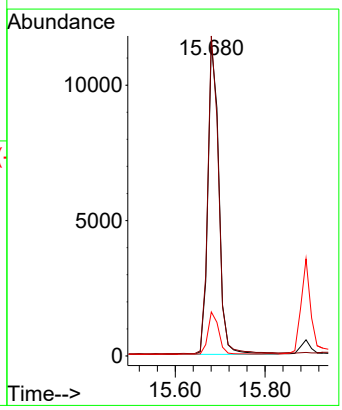


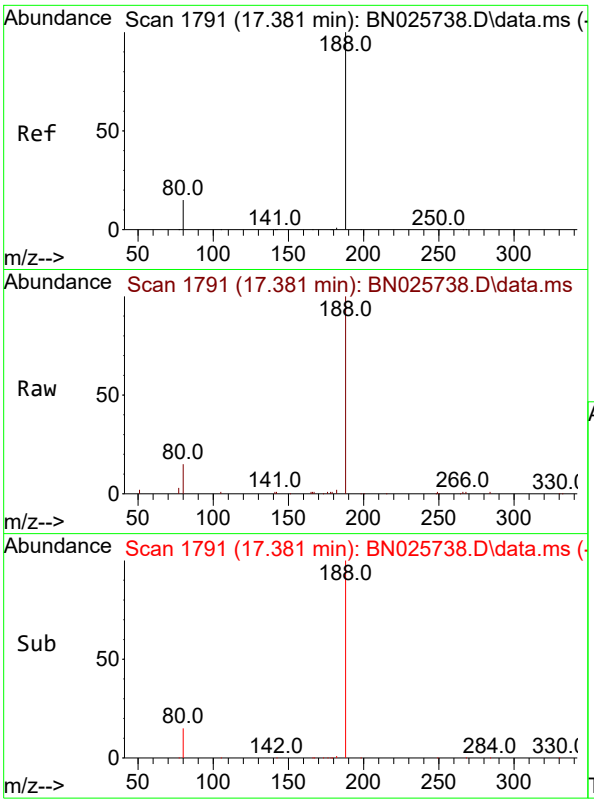


#18
Fluorene
Concen: 0.434 ng
RT: 15.680 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:166 Resp: 19484

Ion	Ratio	Lower	Upper
166	100		
165	100.1	80.1	120.1
167	13.4	10.7	16.1



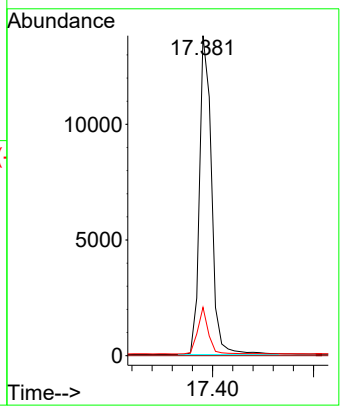


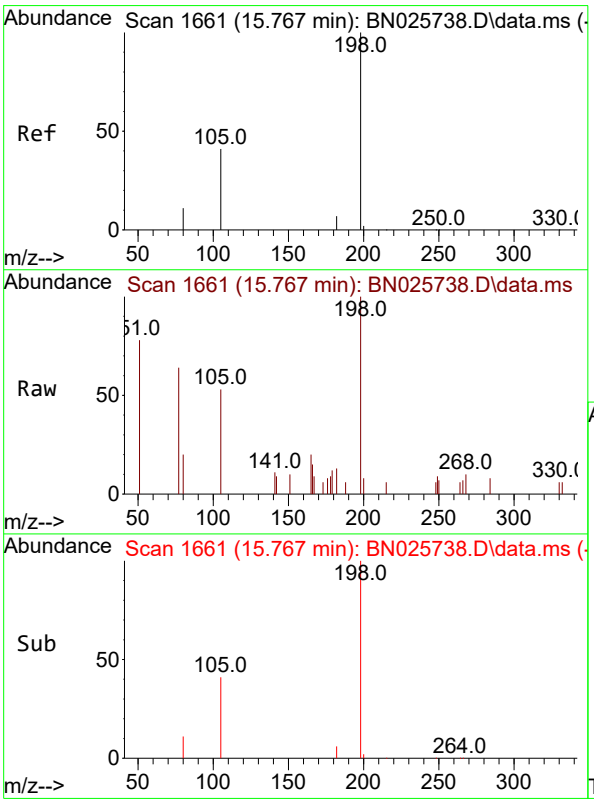
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 22990

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	12.1	18.1

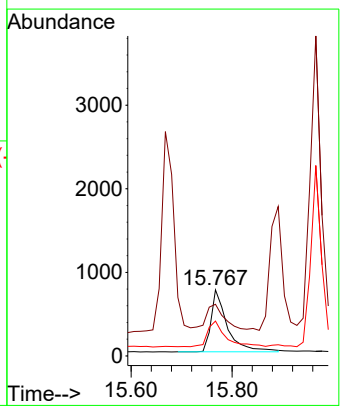


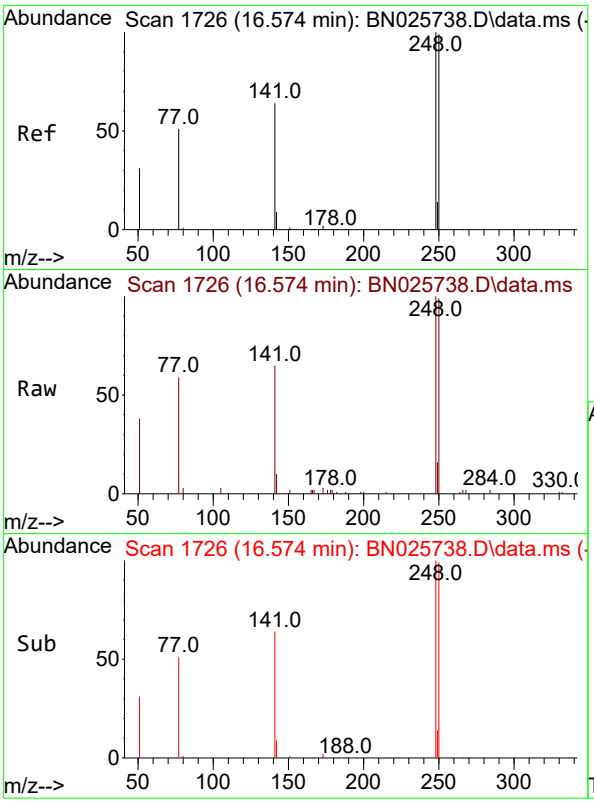


#20
4,6-Dinitro-2-methylphenol
Concen: 0.386 ng
RT: 15.767 min Scan# 1661
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:198 Resp: 1659

Ion	Ratio	Lower	Upper
198	100		
51	78.4	62.7	94.1
105	52.8	42.2	63.4



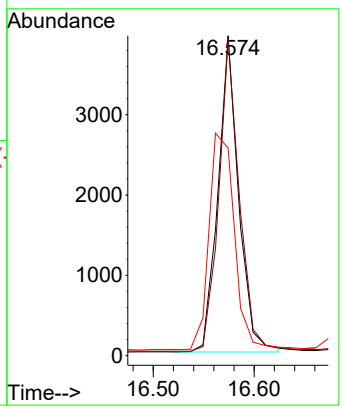


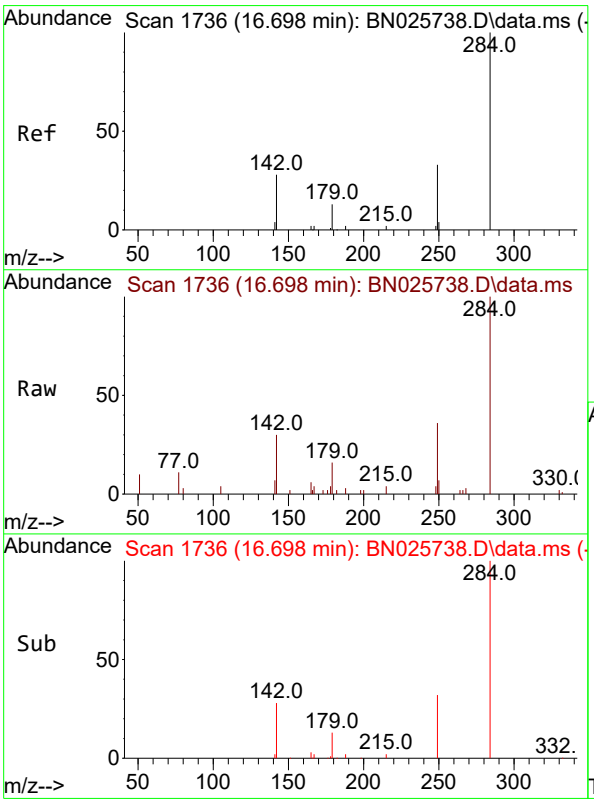
#21
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 5568

Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.1	118.7
141	64.9	51.9	77.9

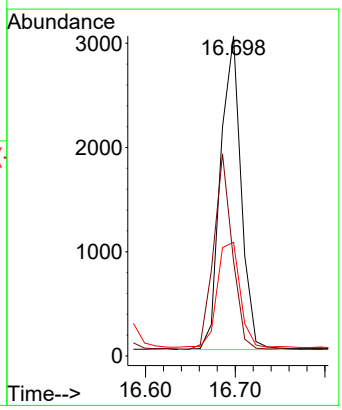


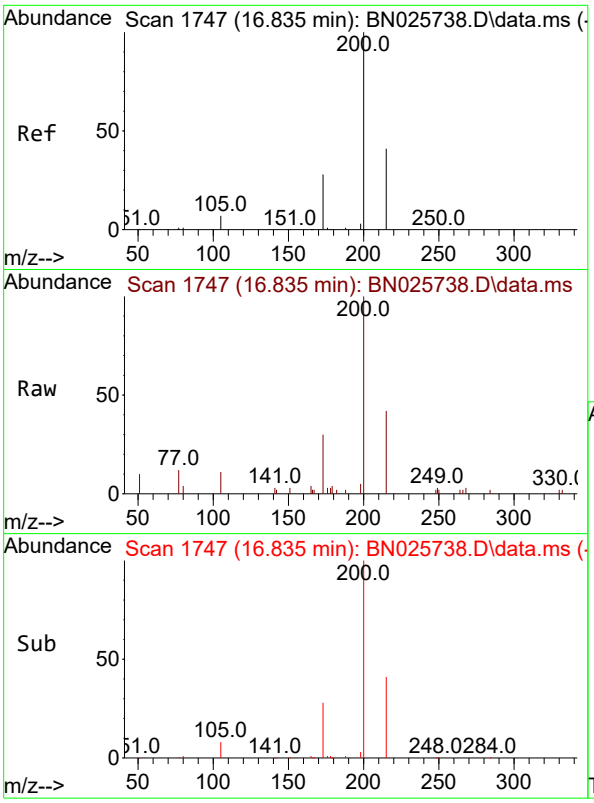


#22
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.698 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:284 Resp: 4778

Ion	Ratio	Lower	Upper
284	100		
142	56.2	45.0	67.4
249	37.0	29.6	44.4



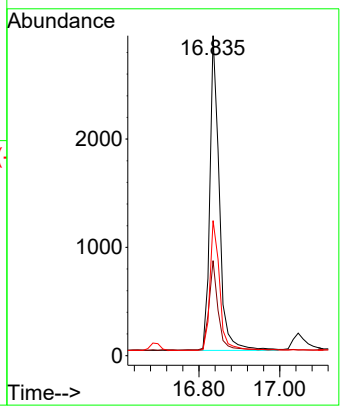


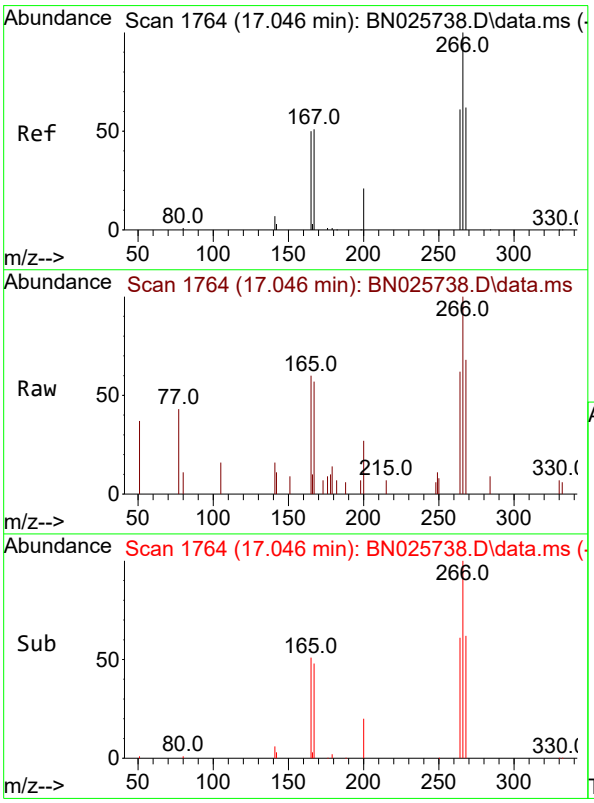
#23
Atrazine
Concen: 0.435 ng
RT: 16.835 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 4717

Ion	Ratio	Lower	Upper
200	100		
173	29.7	23.8	35.6
215	42.2	33.8	50.6

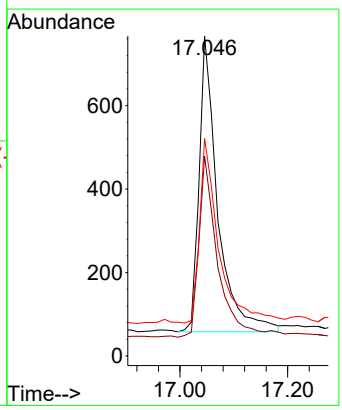


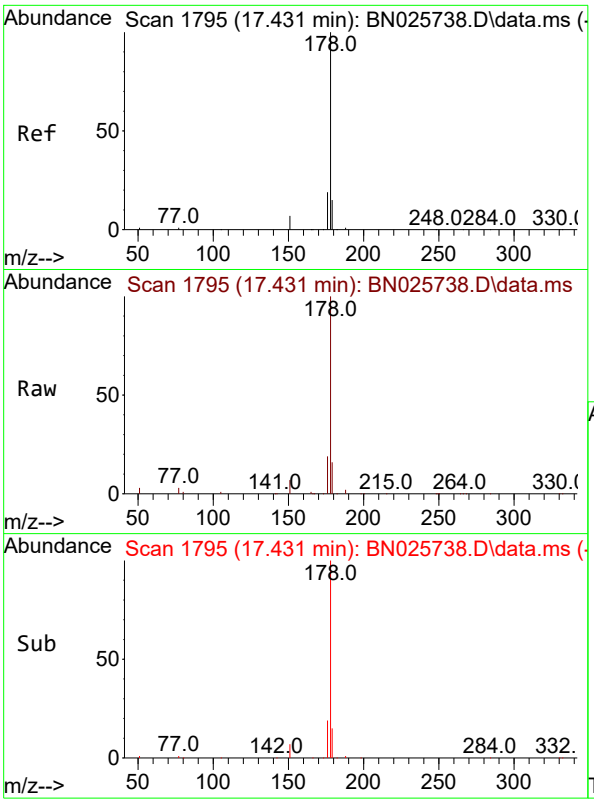


#24
Pentachlorophenol
Concen: 0.401 ng
RT: 17.046 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:266 Resp: 1703

Ion	Ratio	Lower	Upper
266	100		
264	60.8	48.6	73.0
268	64.7	51.8	77.6



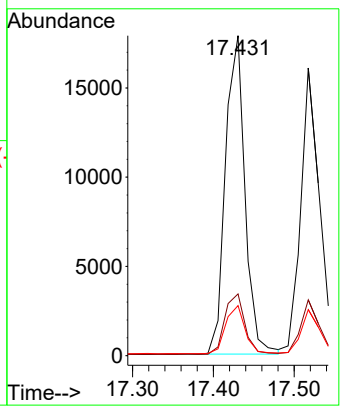


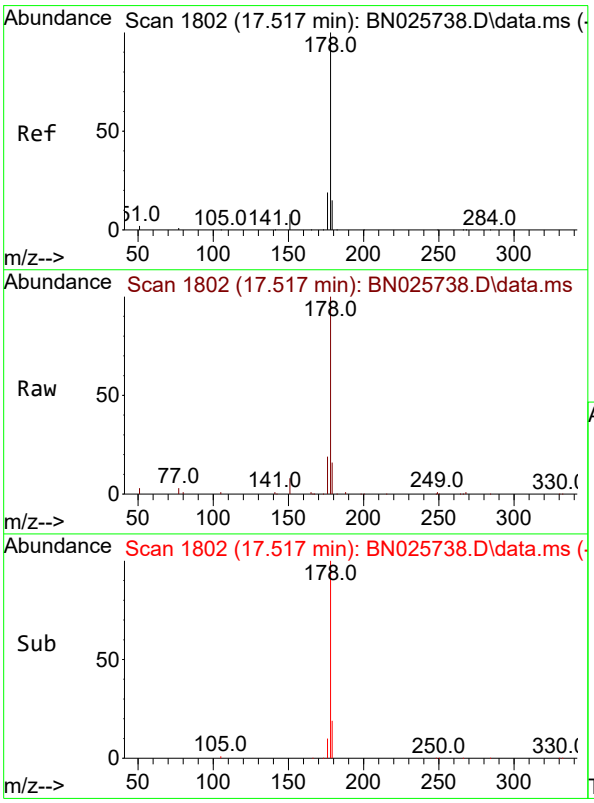
#25
Phenanthrene
Concen: 0.426 ng
RT: 17.431 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 30100

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.2	12.2	18.2

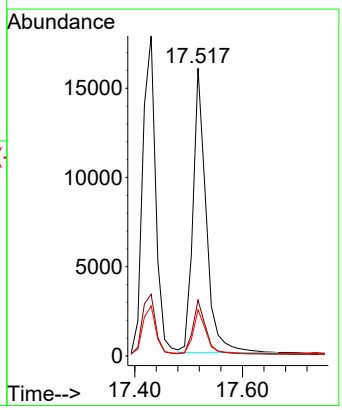


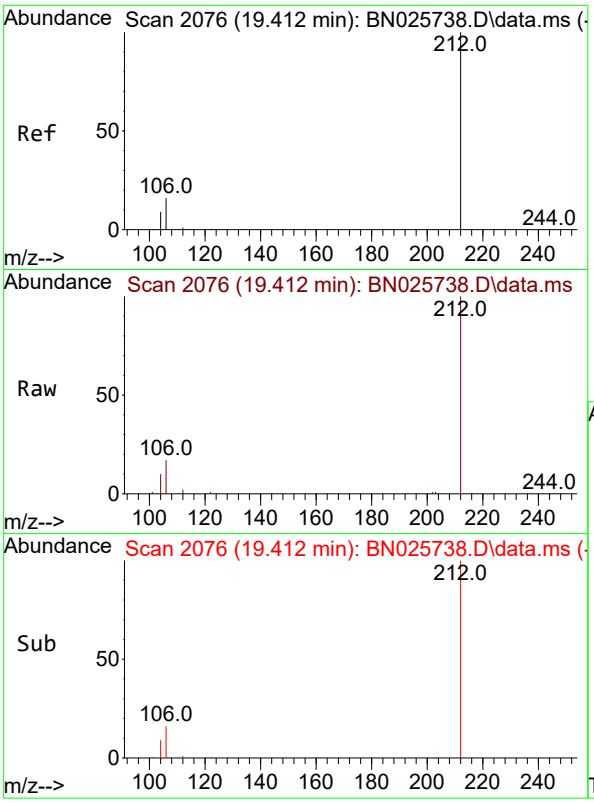


#26
Anthracene
Concen: 0.419 ng
RT: 17.517 min Scan# 1802
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:178 Resp: 27069

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.2	18.2



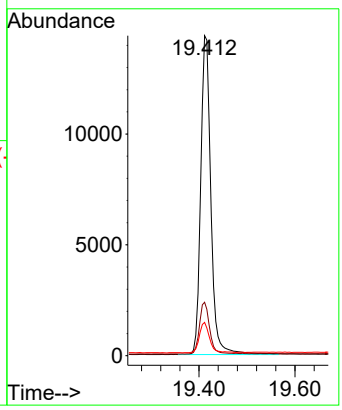


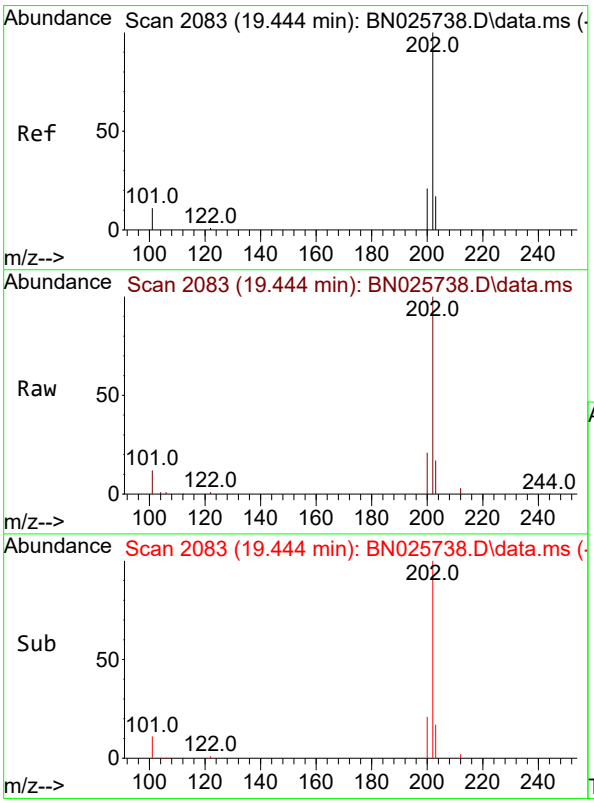
#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.412 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 21146

Ion	Ratio	Lower	Upper
212	100		
106	16.3	13.0	19.6
104	9.6	7.7	11.5

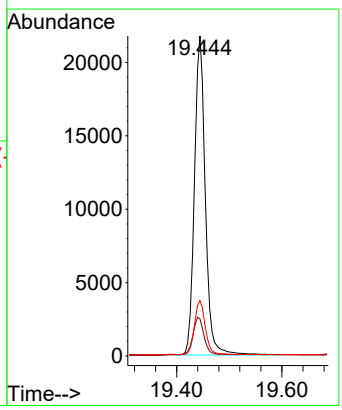


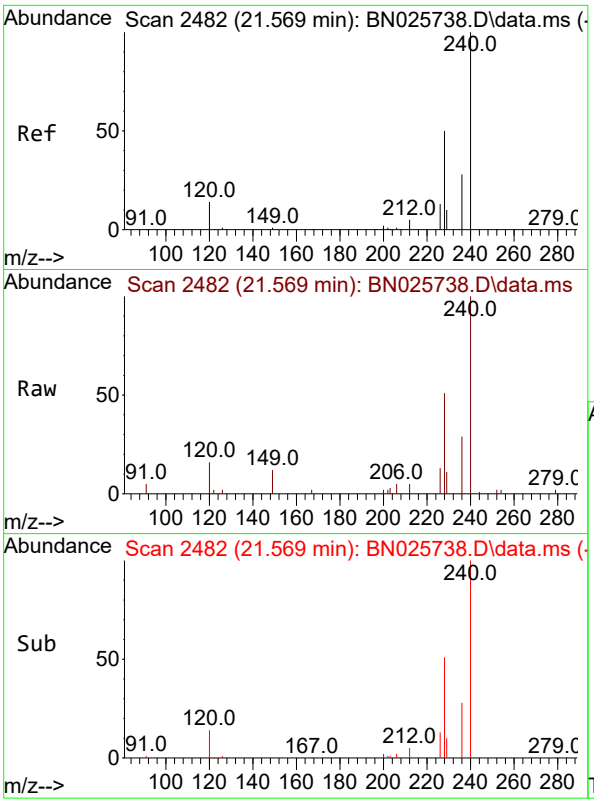


#28
Fluoranthene
Concen: 0.447 ng
RT: 19.444 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:202 Resp: 31133

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	16.8	13.4	20.2



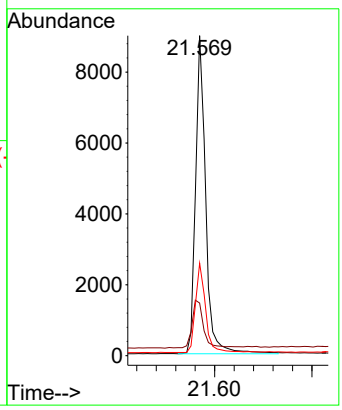


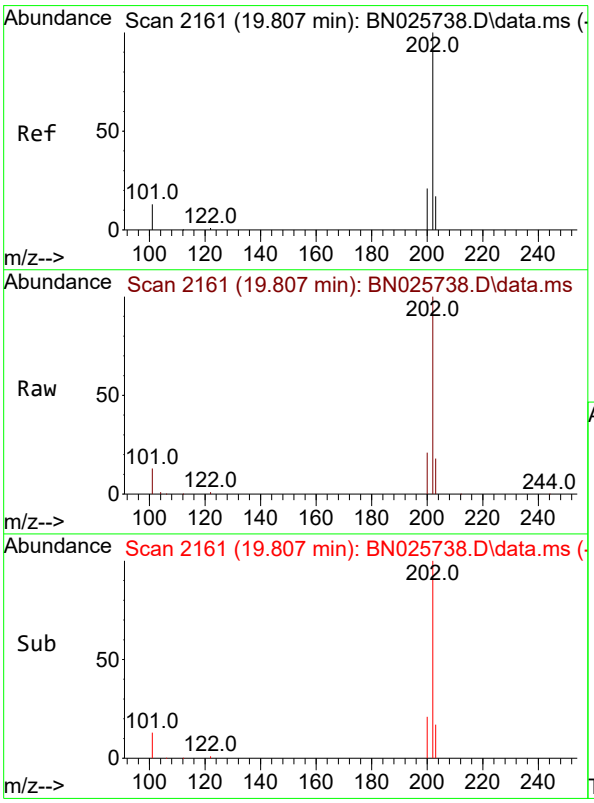
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 12925

Ion	Ratio	Lower	Upper
240	100		
120	16.5	13.2	19.8
236	28.9	23.1	34.7

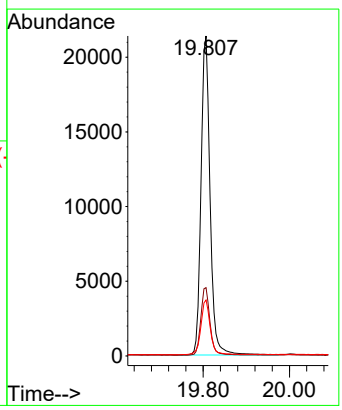


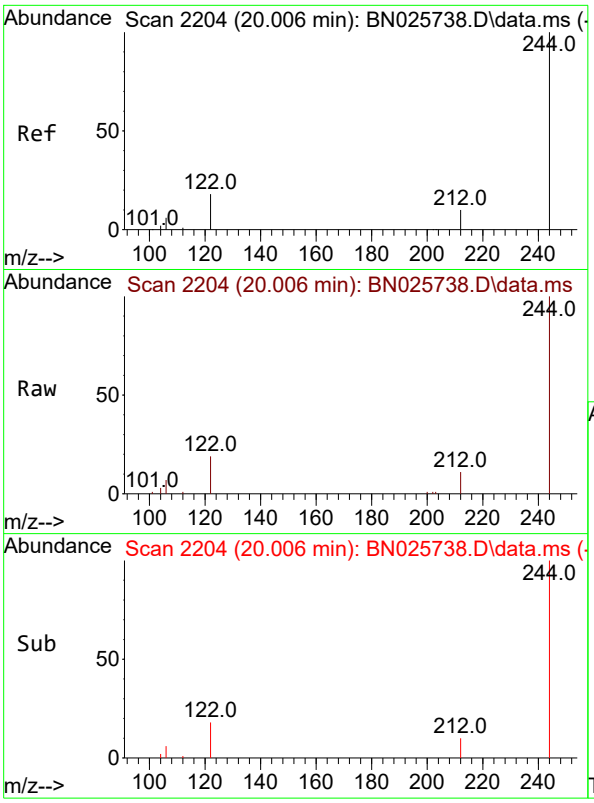


#30
Pyrene
Concen: 0.425 ng
RT: 19.807 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:202 Resp: 31161

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.7	14.2	21.2



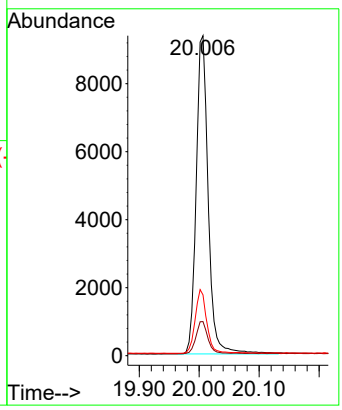


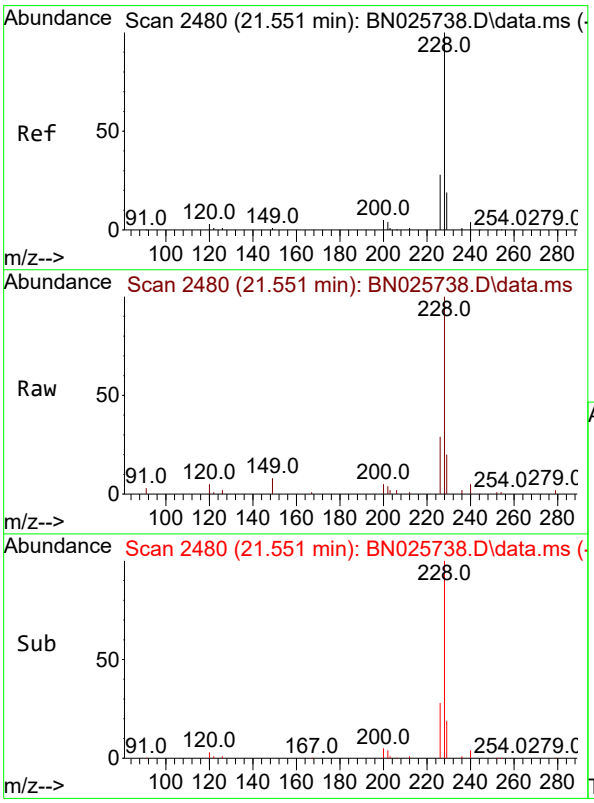
#31
Terphenyl-d14
Concen: 0.416 ng
RT: 20.006 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 13050

Ion	Ratio	Lower	Upper
244	100		
212	10.7	8.6	12.8
122	19.0	15.2	22.8

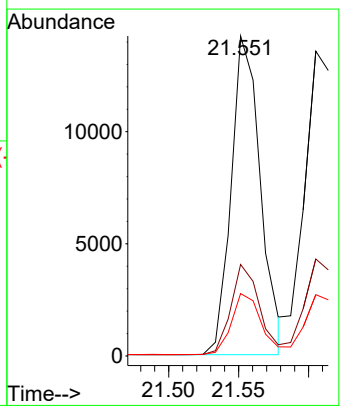


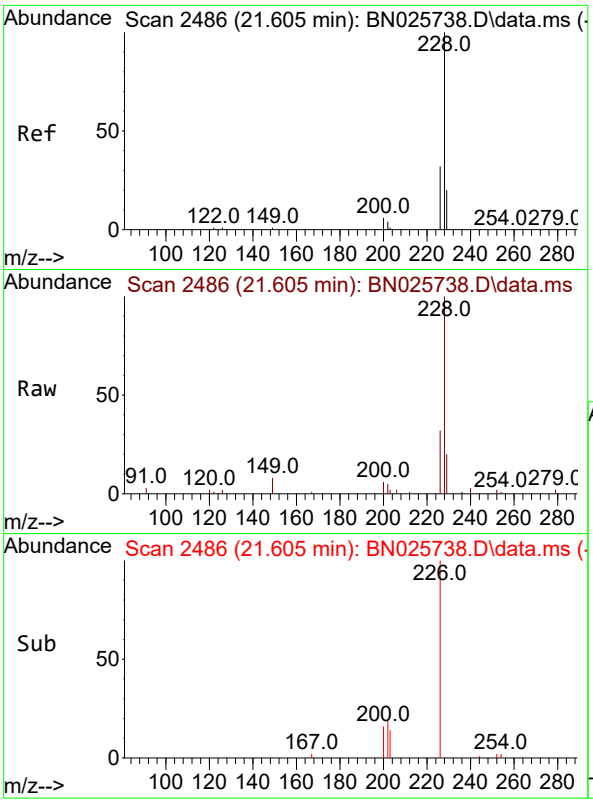


#32
Benzo(a)anthracene
Concen: 0.415 ng
RT: 21.551 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:228 Resp: 20719

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.9	34.3
229	19.5	15.6	23.4



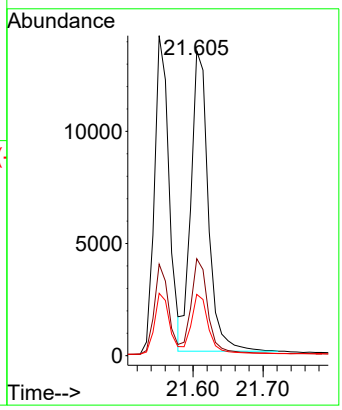


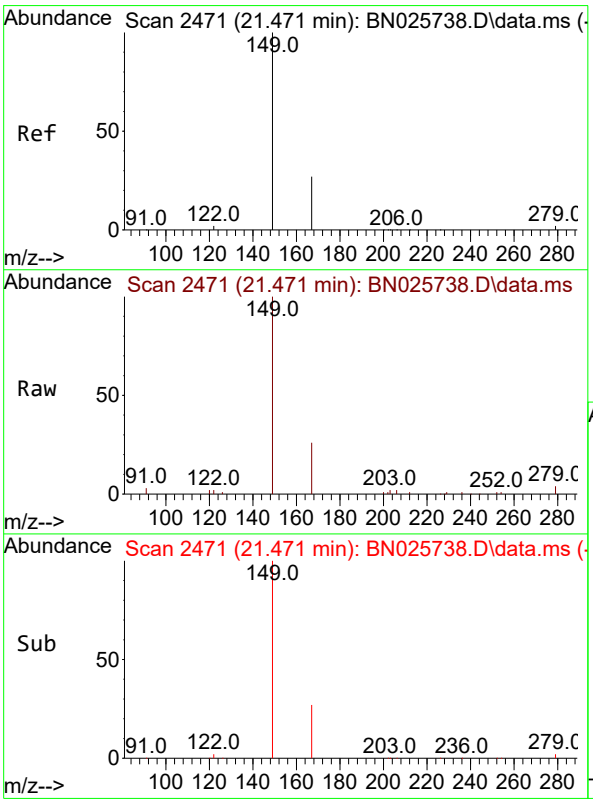
#33
Chrysene
Concen: 0.437 ng
RT: 21.605 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 23068

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	20.1	16.1	24.1

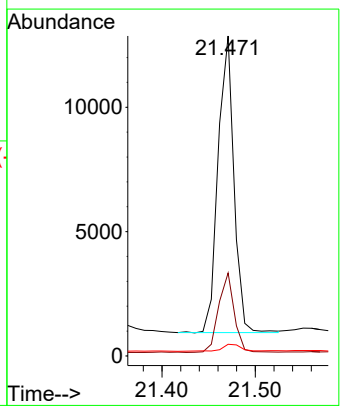


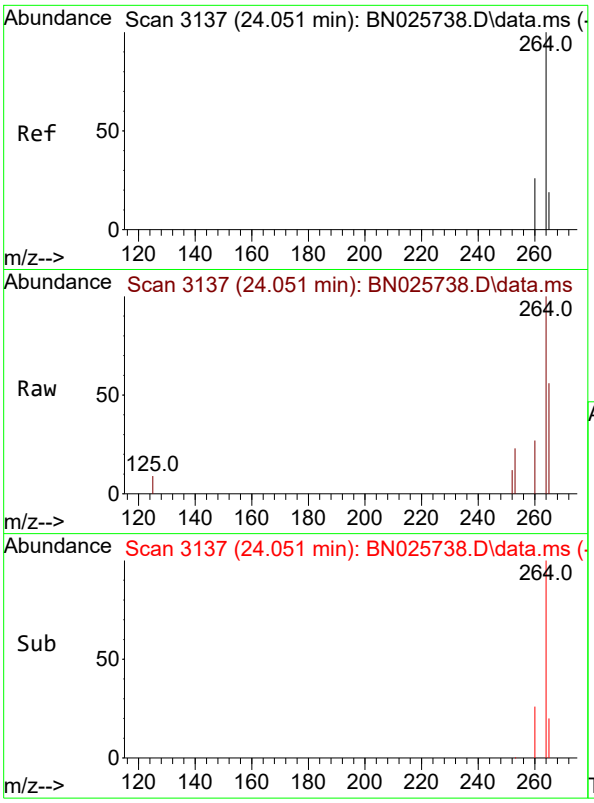


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.442 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:149 Resp: 14042

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.6
279	2.8	2.2	3.4



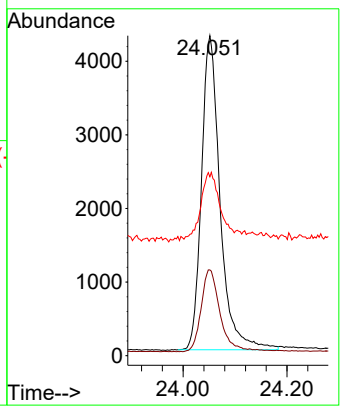


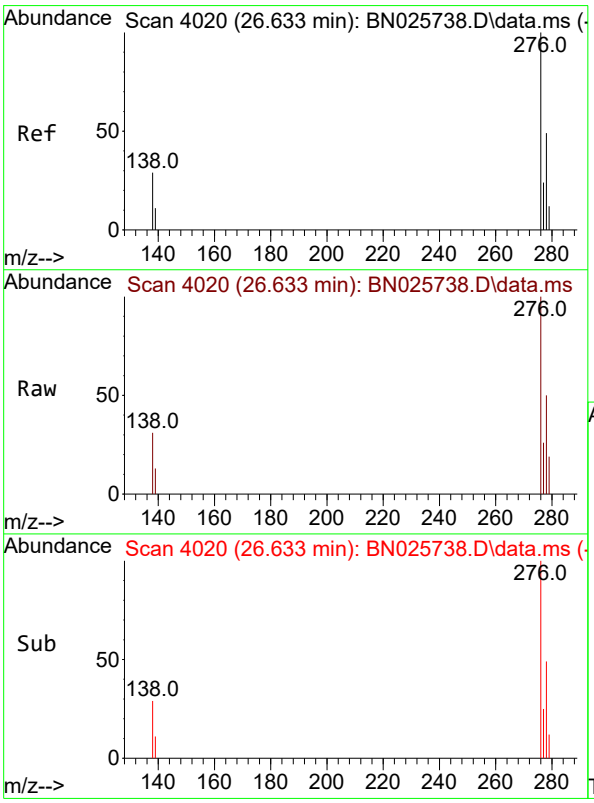
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 10609

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.4	32.2
265	55.9	44.7	67.1

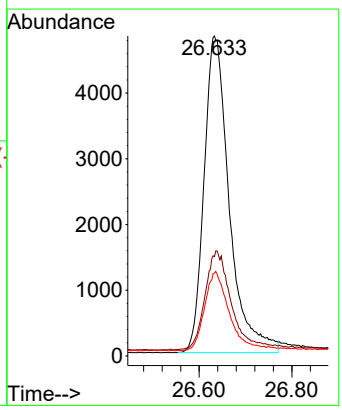


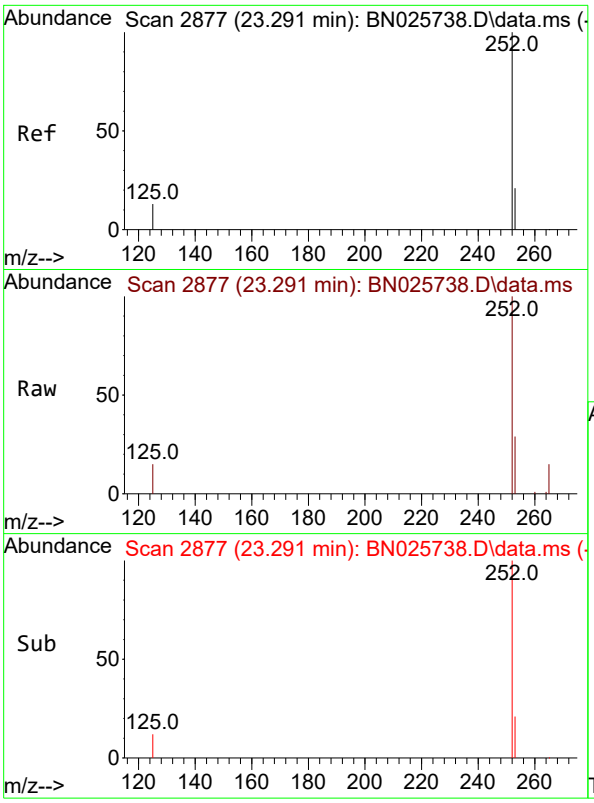


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.633 min Scan# 4020
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:276 Resp: 18235

Ion	Ratio	Lower	Upper
276	100		
138	32.6	26.1	39.1
277	24.3	19.4	29.2



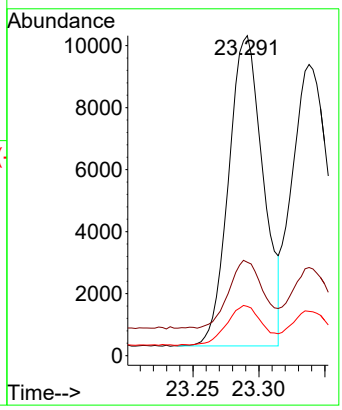


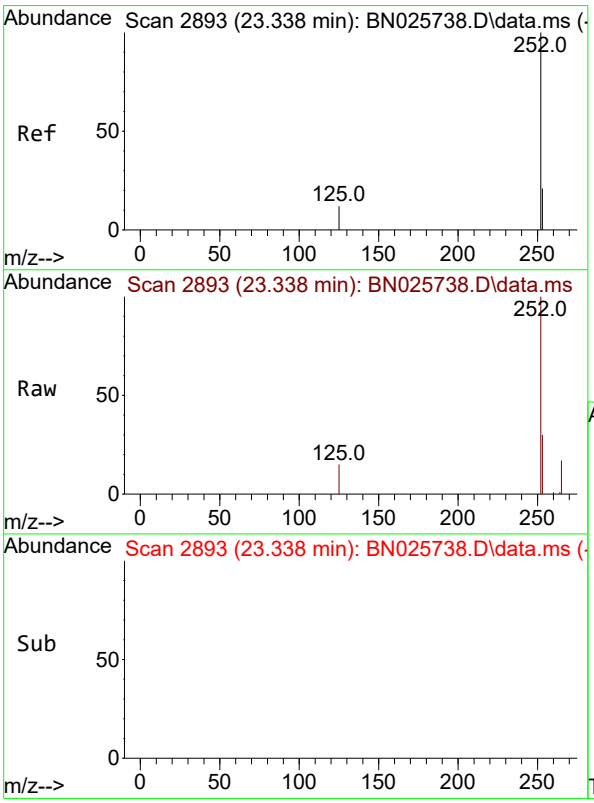
#37
Benzo(b)fluoranthene
Concen: 0.435 ng
RT: 23.291 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 18221

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.4	35.0
125	15.4	12.3	18.5

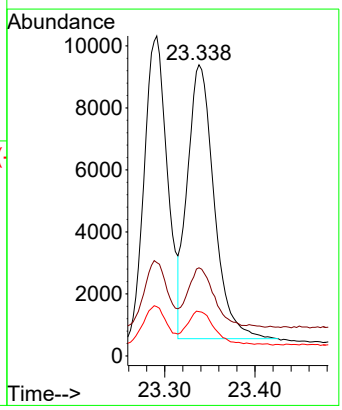


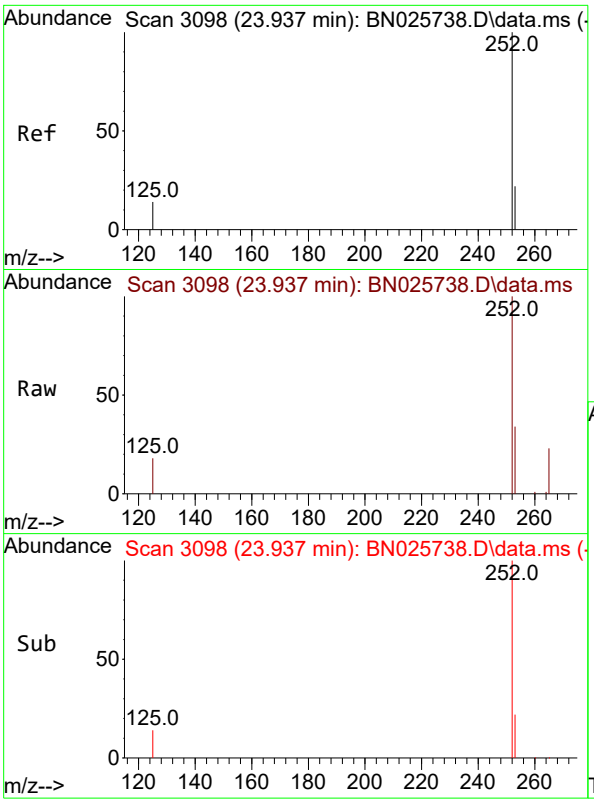


#38
Benzo(k)fluoranthene
Concen: 0.432 ng
RT: 23.338 min Scan# 2893
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:252 Resp: 18174

Ion	Ratio	Lower	Upper
252	100		
253	30.3	24.2	36.4
125	15.2	12.2	18.2



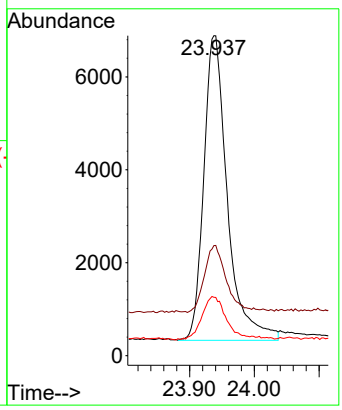


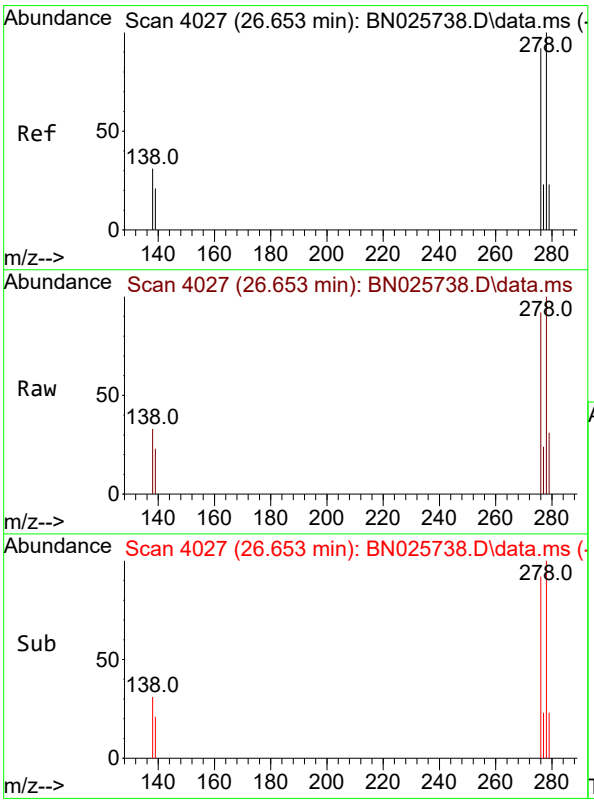
#39
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.937 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 16607

Ion	Ratio	Lower	Upper
252	100		
253	34.4	27.5	41.3
125	18.2	14.6	21.8

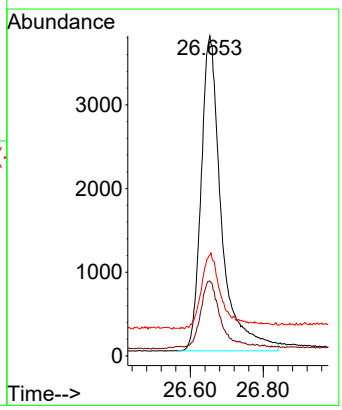


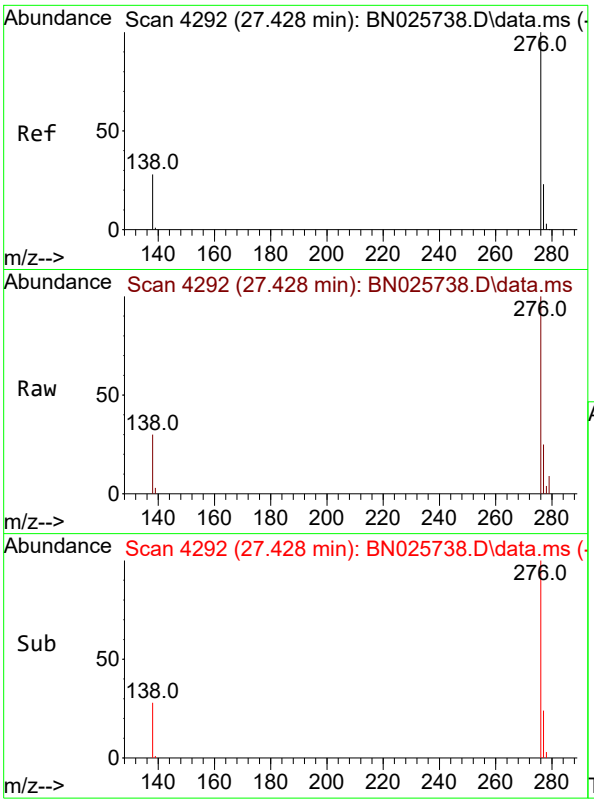


#40
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 26.653 min Scan# 4027
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Tgt Ion:278 Resp: 14542

Ion	Ratio	Lower	Upper
278	100		
139	23.4	18.7	28.1
279	31.4	25.1	37.7





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.428 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025738.D
Acq: 31 May 2023 13:53

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 16381

Ion	Ratio	Lower	Upper
276	100		
277	25.2	20.2	30.2
138	30.3	24.2	36.4