Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025741.D
Acq On : 31 May 2023 15:41
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 01 00:52:56 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	8.005	152	7911	0.400	ng		0.00
7) Naphthalene-d8	10.824	136	21553	0.400	ng		0.00
13) Acenaphthene-d10	14.640	164	12275	0.400	ng		0.00
19) Phenanthrene-d10	17.381	188	23831	0.400	ng		0.00
29) Chrysene-d12	21.569	240	12155	0.400	ng	#	0.00
35) Perylene-d12	24.051	264	10351	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.549	112	61556	2.768	ng		0.00
5) Phenol-d6	7.160	99	79923	2.926	ng		0.00
8) Nitrobenzene-d5	9.169	82	64627	3.227	ng		0.00
11) 2-Methylnaphthalene-d10	12.407	152	100627	3.243	ng		0.00
14) 2,4,6-Tribromophenol	16.127	330	12259	3.239	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	162435	3.130	ng		0.00
27) Fluoranthene-d10	19.411	212	153757	3.136	ng		0.00
31) Terphenyl-d14	20.006	244	91748	3.112	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	27272	2.938	ng		96
3) n-Nitrosodimethylamine	3.715	42	37446	3.160	ng		99
6) bis(2-Chloroethyl)ether	7.420	93	73241	2.954	ng		95
9) Naphthalene	10.878	128	189736	2.944	ng		99
10) Hexachlorobutadiene	11.166	225	30581	3.086	ng	#	99
12) 2-Methylnaphthalene	12.479	142	133040	3.247	ng		100
16) Acenaphthylene	14.362	152	199818	3.381	ng		100
17) Acenaphthene	14.705	154	128186	3.306	ng		94
18) Fluorene	15.680	166	160196	3.210	ng		99
20) 4,6-Dinitro-2-methylph...	15.755	198	18123	4.068	ng	#	85
21) 4-Bromophenyl-phenylether	16.574	248	44848	3.251	ng		96
22) Hexachlorobenzene	16.698	284	37312	3.158	ng		99
23) Atrazine	16.834	200	36628	3.256	ng		98
24) Pentachlorophenol	17.033	266	17865	4.057	ng		98
25) Phenanthrene	17.430	178	234366	3.201	ng		100
26) Anthracene	17.517	178	223874	3.341	ng		100
28) Fluoranthene	19.444	202	228912	3.168	ng		99
30) Pyrene	19.806	202	225283	3.270	ng		100
32) Benzo(a)anthracene	21.560	228	153628	3.274	ng		98
33) Chrysene	21.614	228	156006	3.140	ng		98
34) Bis(2-ethylhexyl)phtha...	21.471	149	80226	2.684	ng		100
36) Indeno(1,2,3-cd)pyrene	26.624	276	151248	3.379	ng		99
37) Benzo(b)fluoranthene	23.291	252	132415	3.244	ng	#	91
38) Benzo(k)fluoranthene	23.344	252	134179	3.272	ng	#	89
39) Benzo(a)pyrene	23.937	252	125992	3.257	ng	#	84
40) Dibenzo(a,h)anthracene	26.644	278	121499	3.419	ng	#	91
41) Benzo(g,h,i)perylene	27.425	276	133036	3.312	ng		96

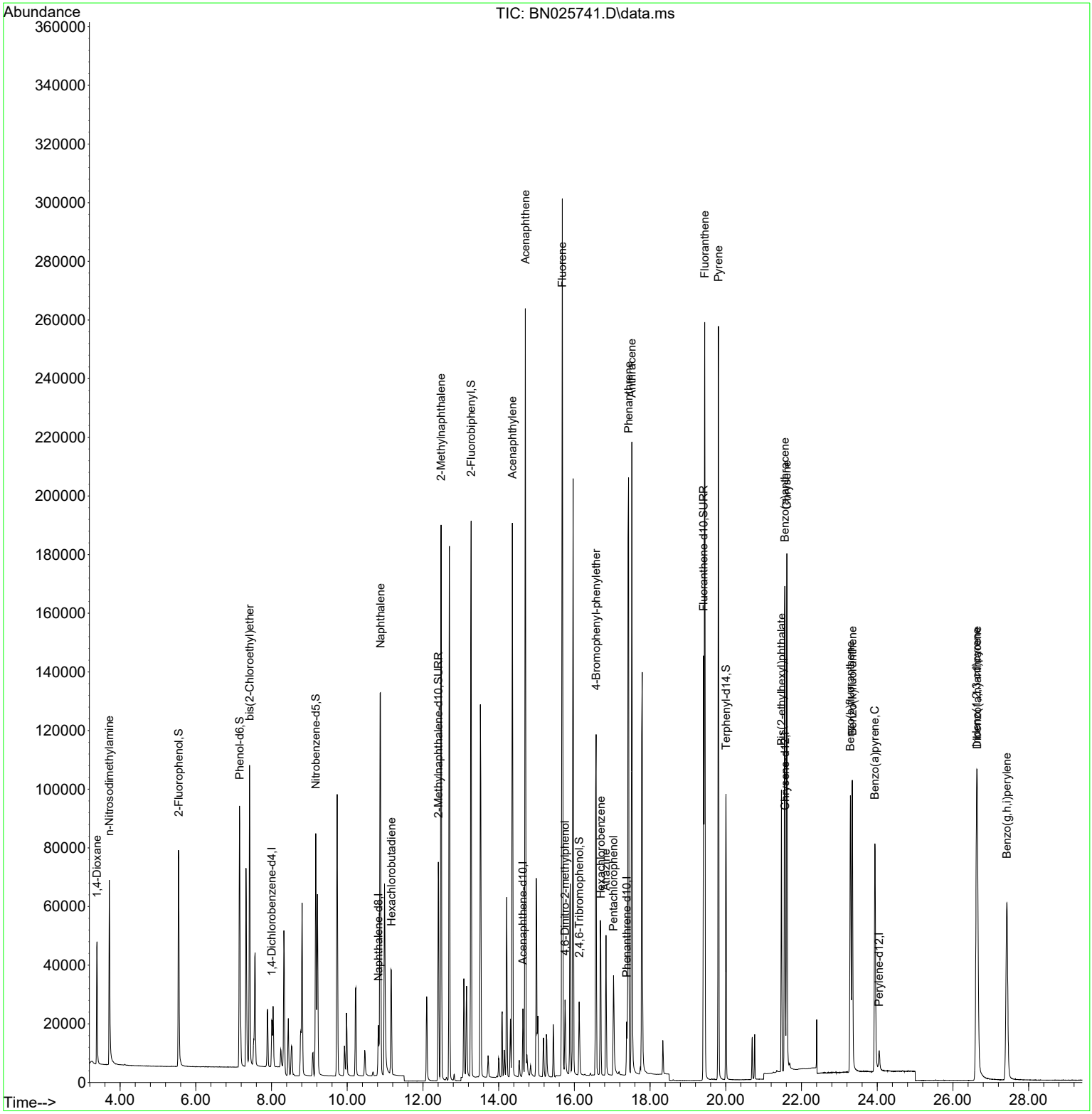
(#) = qualifier out of range (m) = manual integration (+) = signals summed

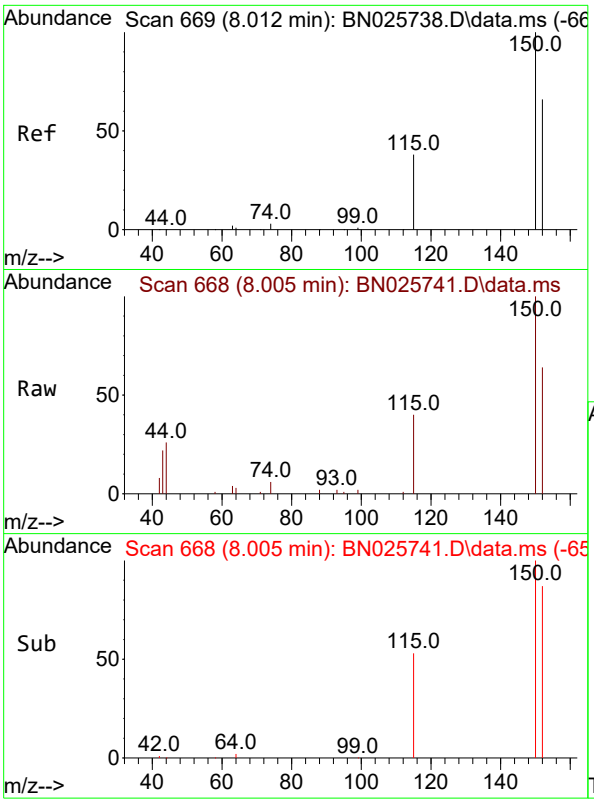
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025741.D
Acq On : 31 May 2023 15:41
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 01 00:52:56 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



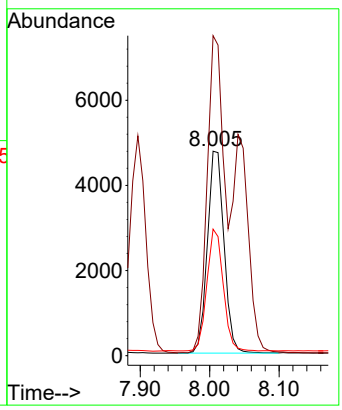


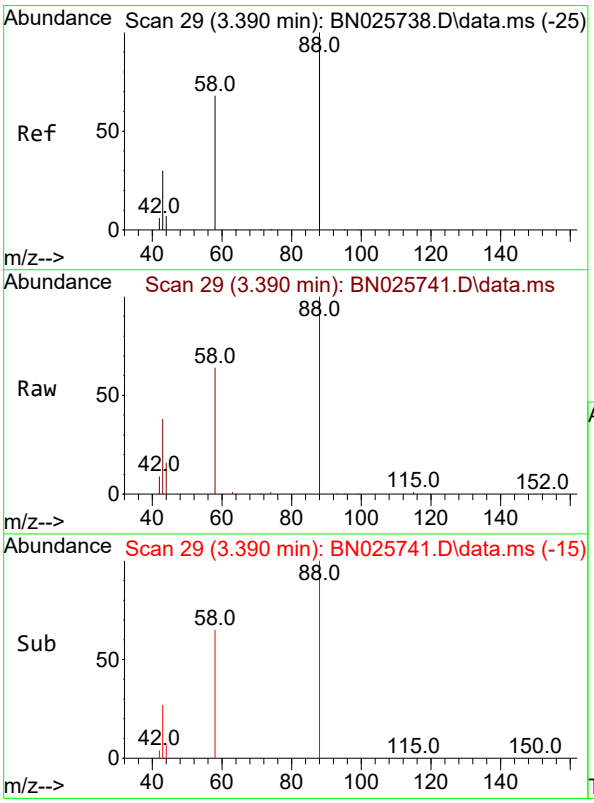
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.005 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 7911

Ion	Ratio	Lower	Upper
152	100		
150	156.5	121.5	182.3
115	61.9	47.7	71.5

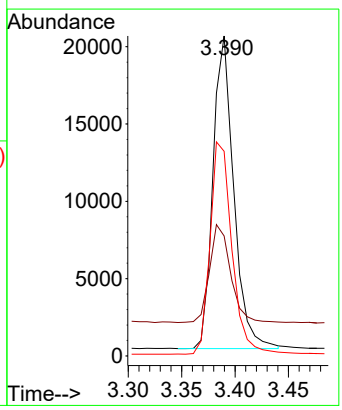


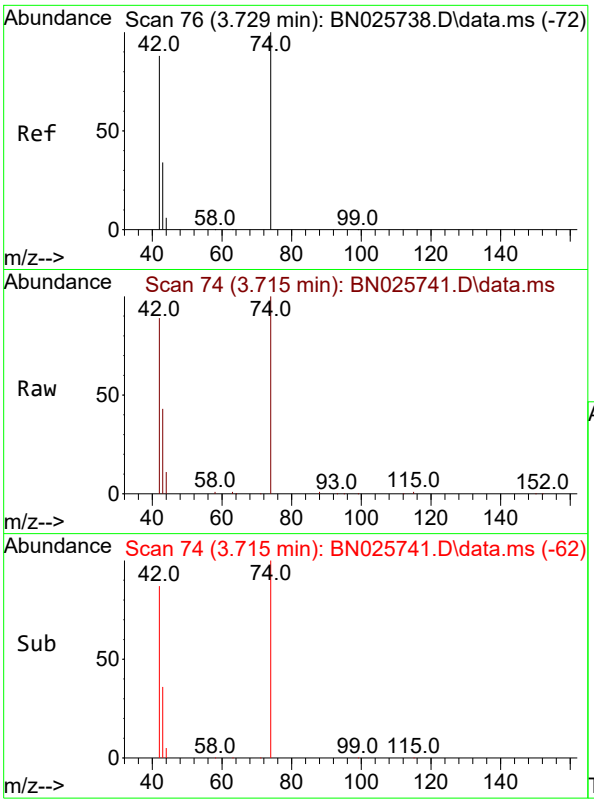


#2
1,4-Dioxane
Concen: 2.938 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion: 88 Resp: 27272

Ion	Ratio	Lower	Upper
88	100		
43	31.6	31.0	46.4
58	71.6	57.3	85.9



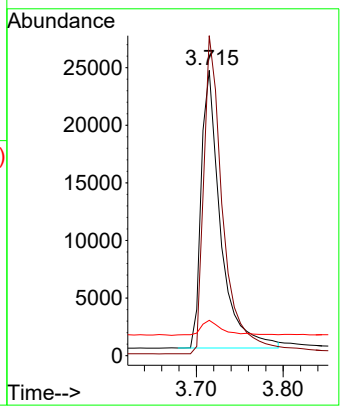


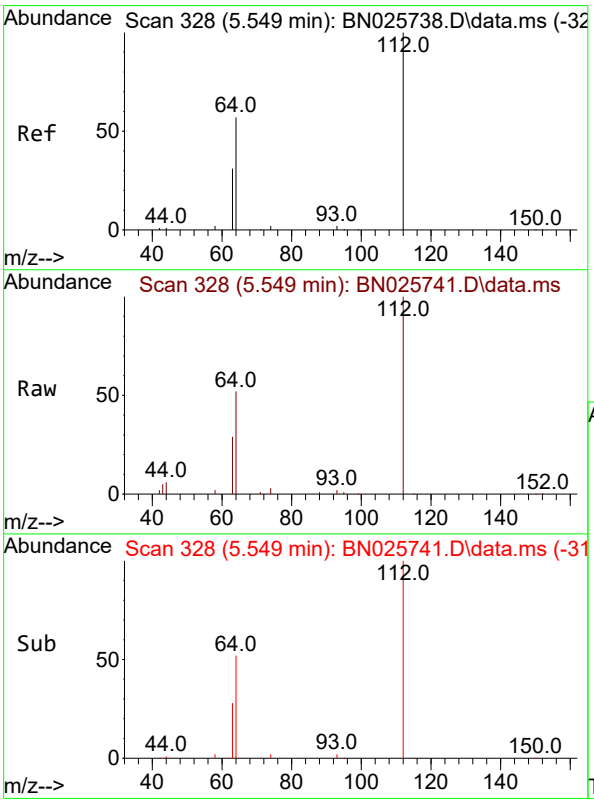
#3
n-Nitrosodimethylamine
Concen: 3.160 ng
RT: 3.715 min Scan# 7
Delta R.T. -0.015 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 37446

Ion	Ratio	Lower	Upper
42	100		
74	113.6	90.5	135.7
44	6.2	4.4	6.6

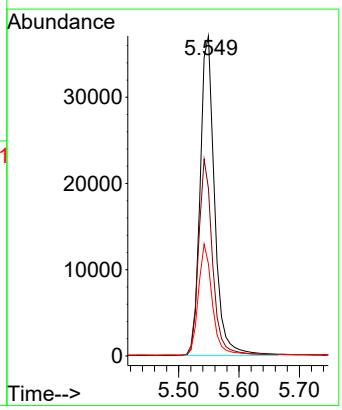


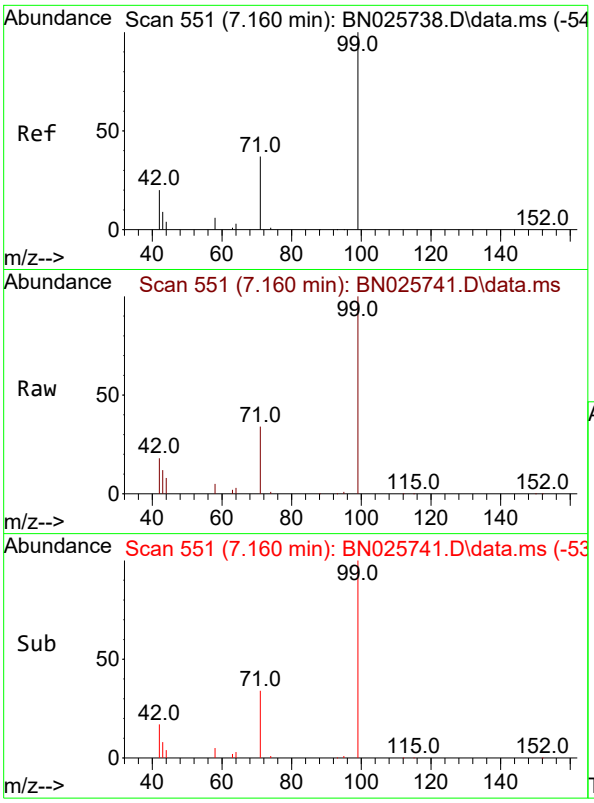


#4
2-Fluorophenol
Concen: 2.768 ng
RT: 5.549 min Scan# 328
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:112 Resp: 61556

Ion	Ratio	Lower	Upper
112	100		
64	59.6	47.5	71.3
63	33.5	26.2	39.4



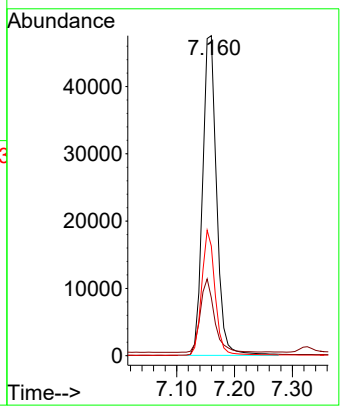


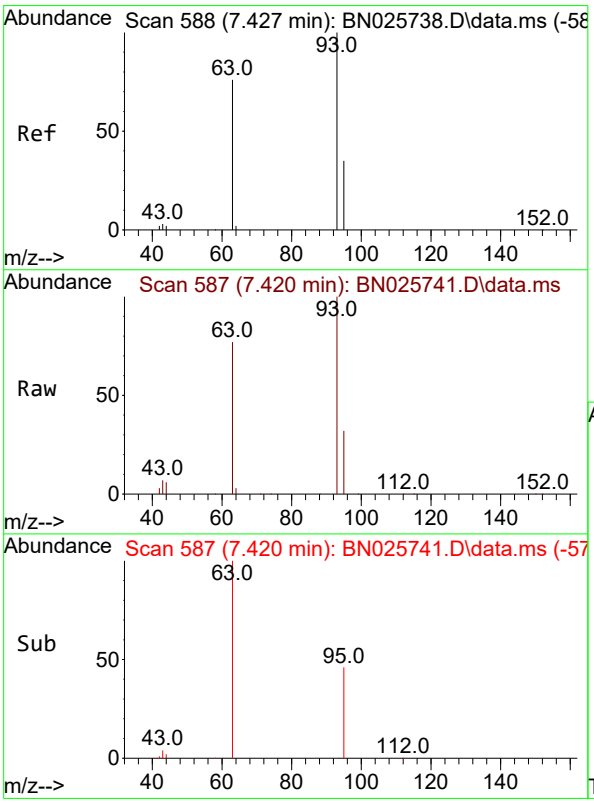
#5
Phenol-d6
Concen: 2.926 ng
RT: 7.160 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 79923

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.6	28.0
71	37.5	30.5	45.7

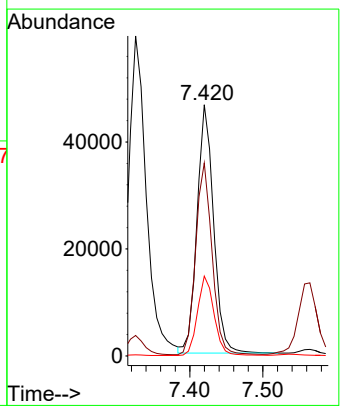


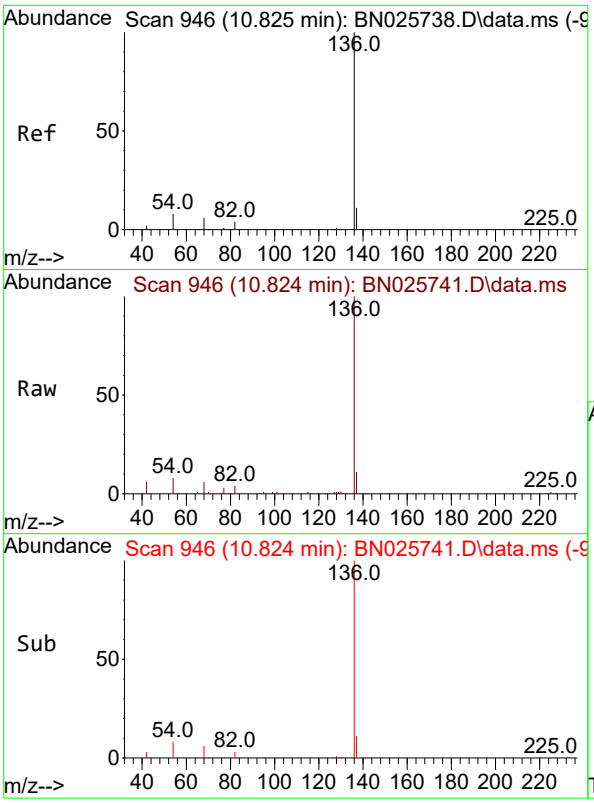


#6
bis(2-Chloroethyl)ether
Concen: 2.954 ng
RT: 7.420 min Scan# 587
Delta R.T. -0.007 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion: 93 Resp: 73241

Ion	Ratio	Lower	Upper
93	100		
63	76.2	56.4	84.6
95	31.9	24.6	37.0



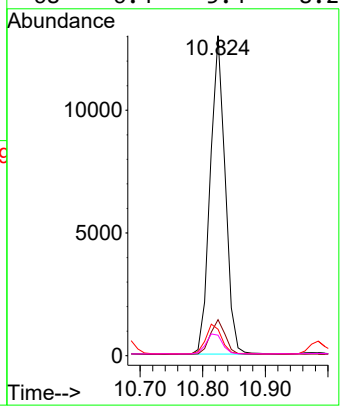


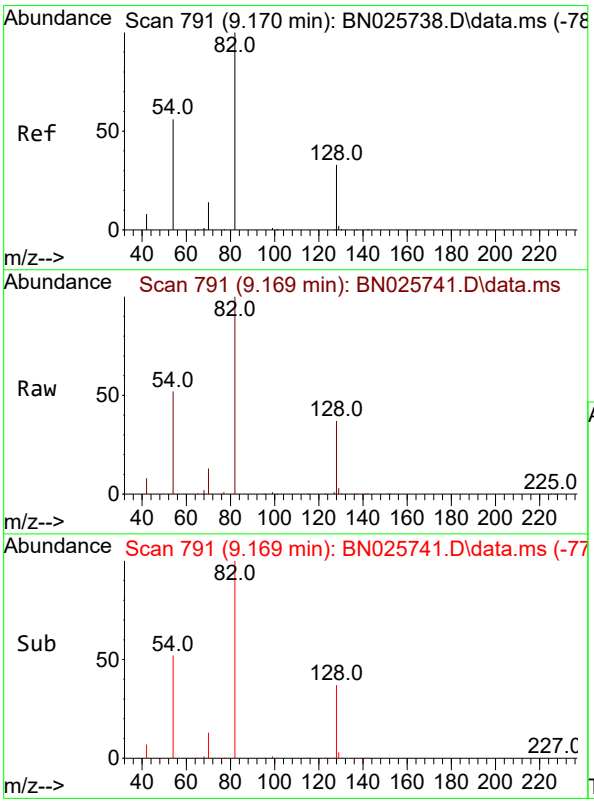
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.824 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 21553

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.2	7.2	10.8
68	6.4	5.4	8.2

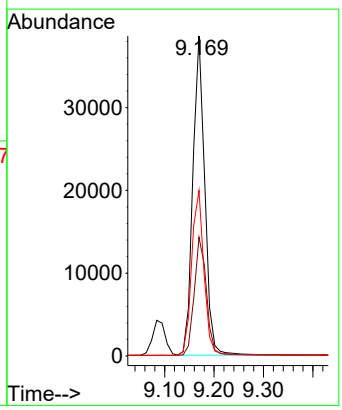


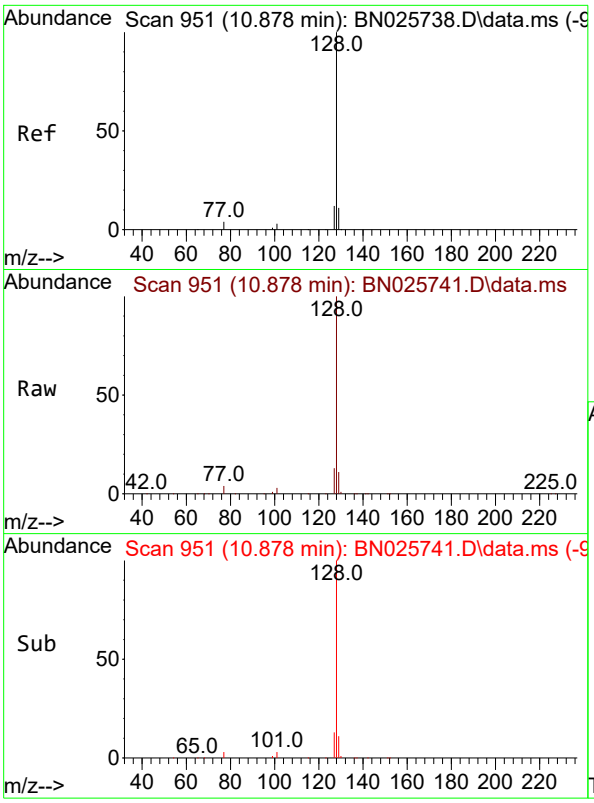


#8
Nitrobenzene-d5
Concen: 3.227 ng
RT: 9.169 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion: 82 Resp: 64627

Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.6	41.4
54	51.7	45.7	68.5



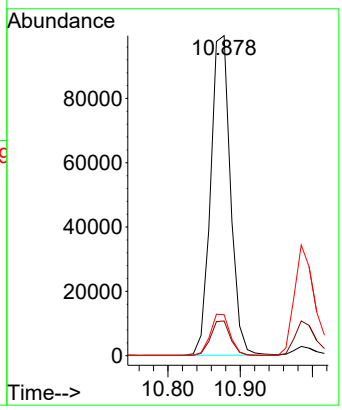


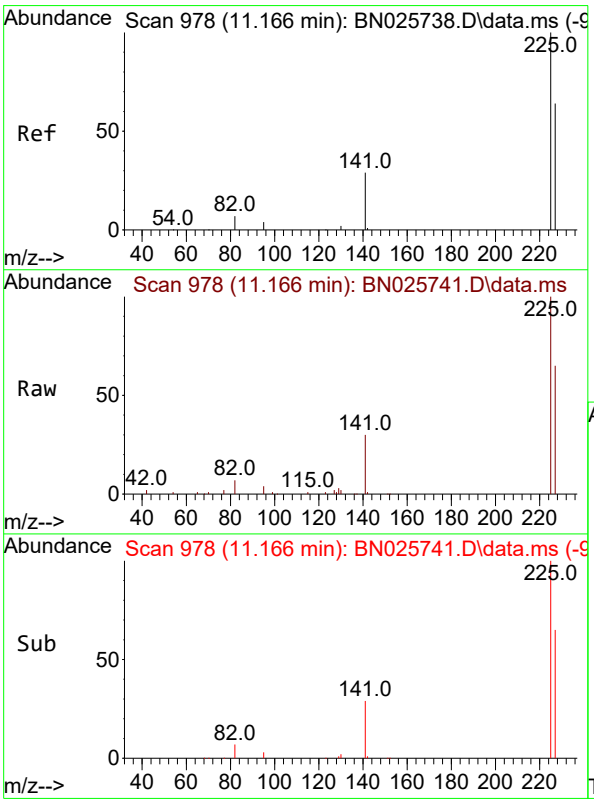
#9
Naphthalene
Concen: 2.944 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 189736

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.8	10.3	15.5

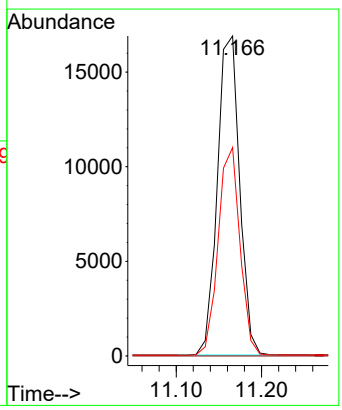


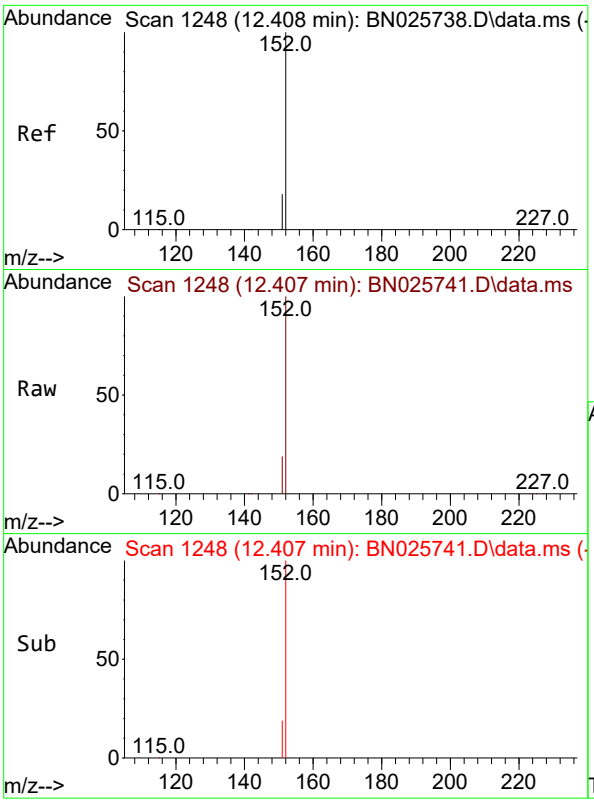


#10
Hexachlorobutadiene
Concen: 3.086 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:225 Resp: 30581

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.4	75.6



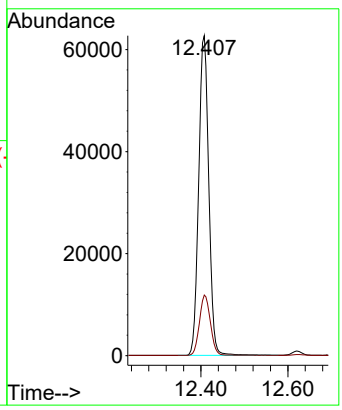


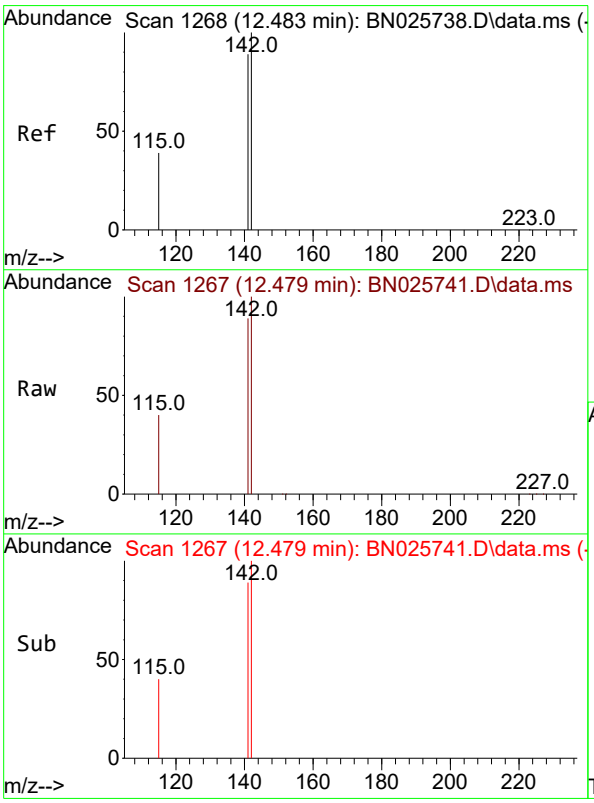
#11
2-Methylnaphthalene-d10
Concen: 3.243 ng
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 100627

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

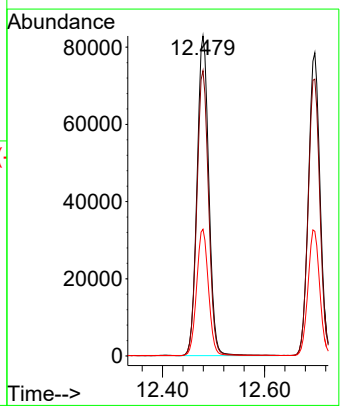


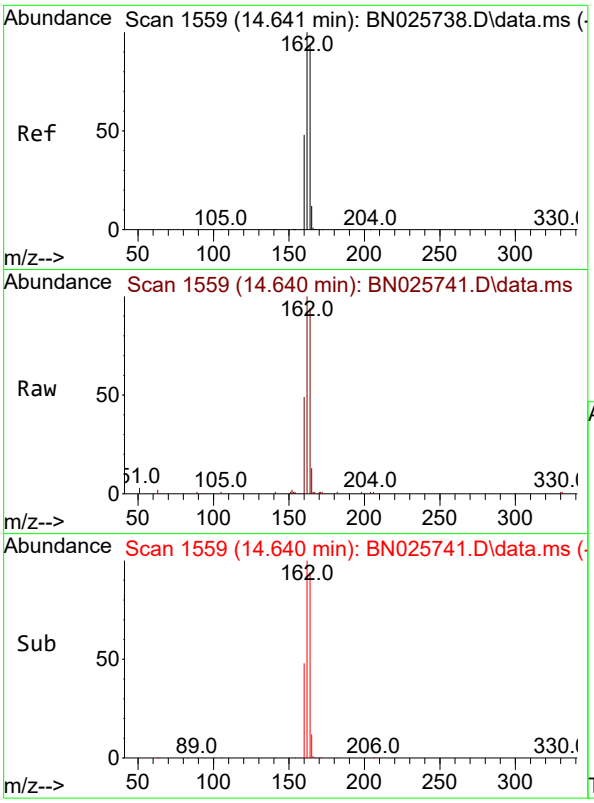


#12
2-Methylnaphthalene
Concen: 3.247 ng
RT: 12.479 min Scan# 1267
Delta R.T. -0.004 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:142 Resp: 133040

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.2	106.8
115	39.6	31.7	47.5



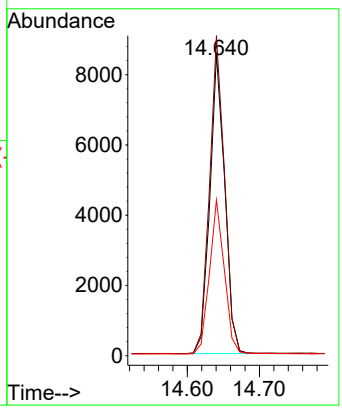


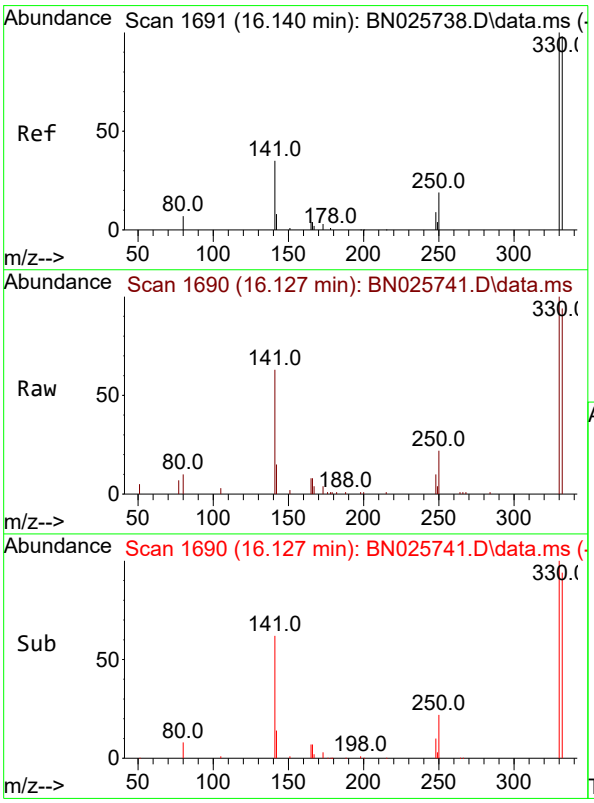
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 12275

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.0	127.6
160	51.6	41.1	61.7

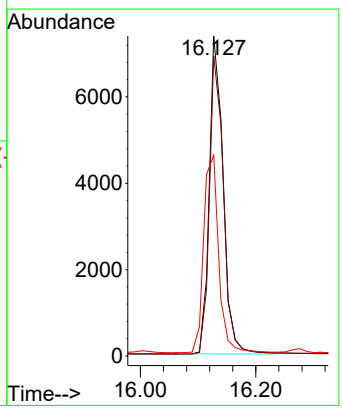


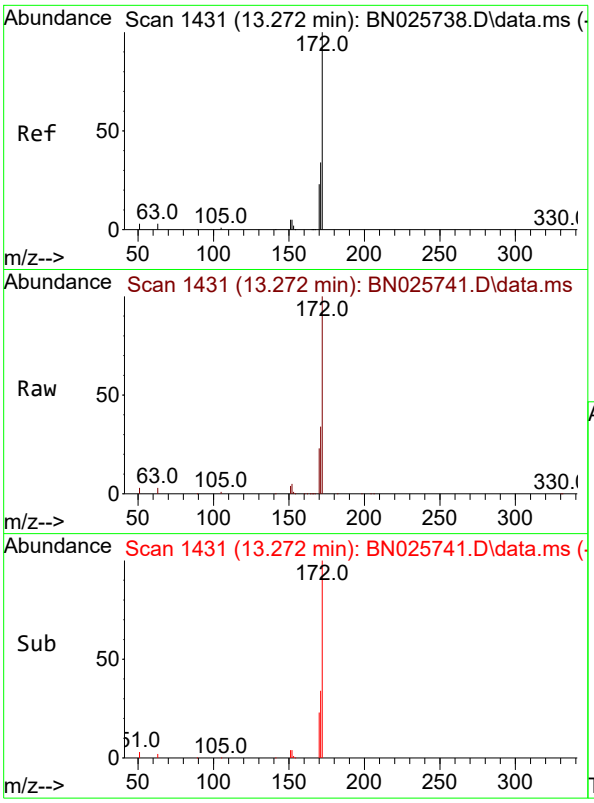


#14
2,4,6-Tribromophenol
Concen: 3.239 ng
RT: 16.127 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:330 Resp: 12259

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	67.4	55.0	82.6



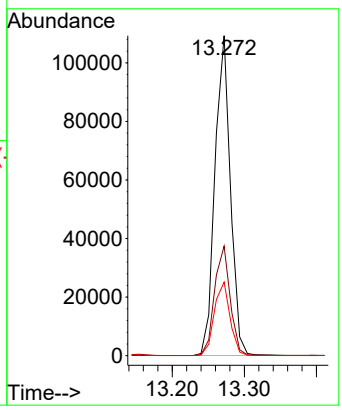


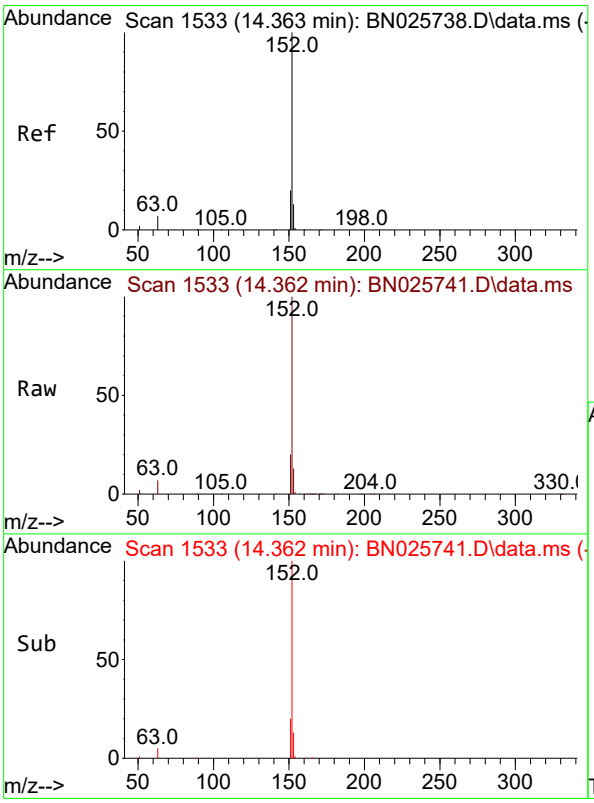
#15
2-Fluorobiphenyl
Concen: 3.130 ng
RT: 13.272 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 162435

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.3	40.9
170	23.0	18.6	28.0

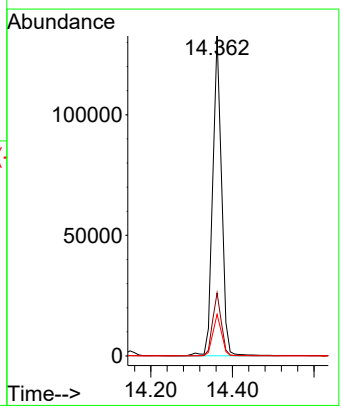


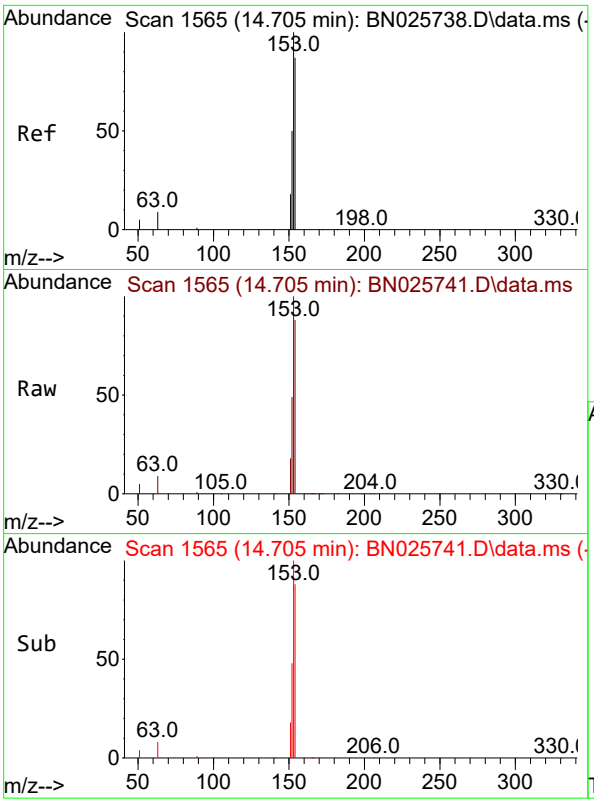


#16
Acenaphthylene
Concen: 3.381 ng
RT: 14.362 min Scan# 1533
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:152 Resp: 199818

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	12.9	10.4	15.6



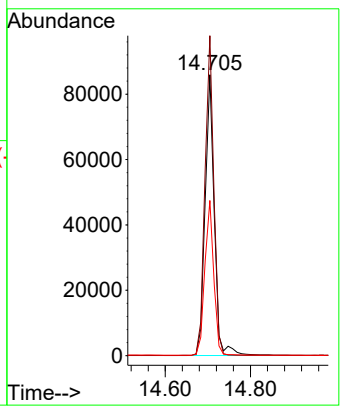


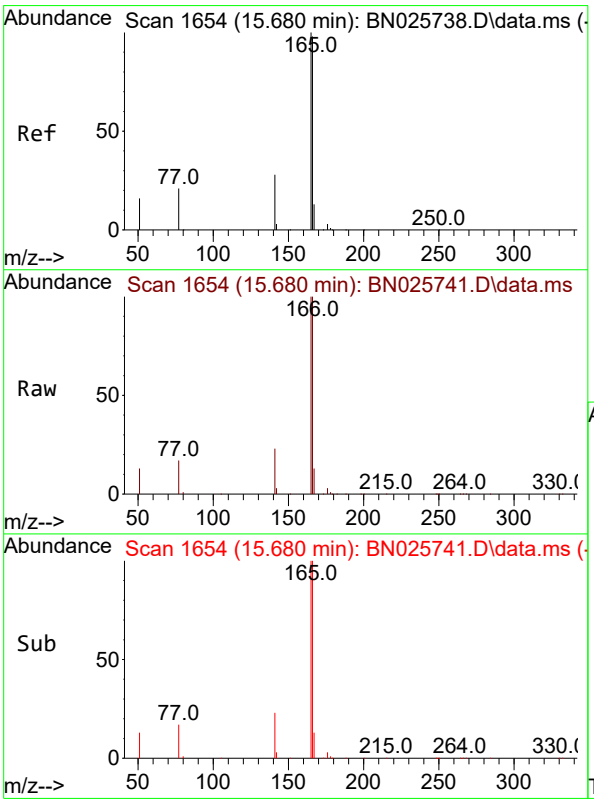
#17
Acenaphthene
Concen: 3.306 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 128186

Ion	Ratio	Lower	Upper
154	100		
153	109.7	93.0	139.6
152	53.7	46.5	69.7

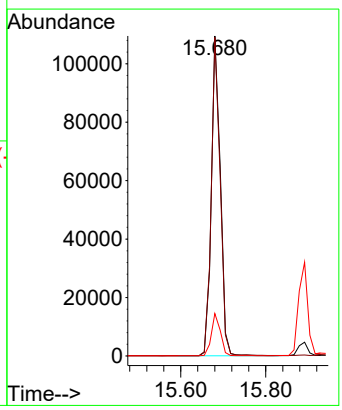


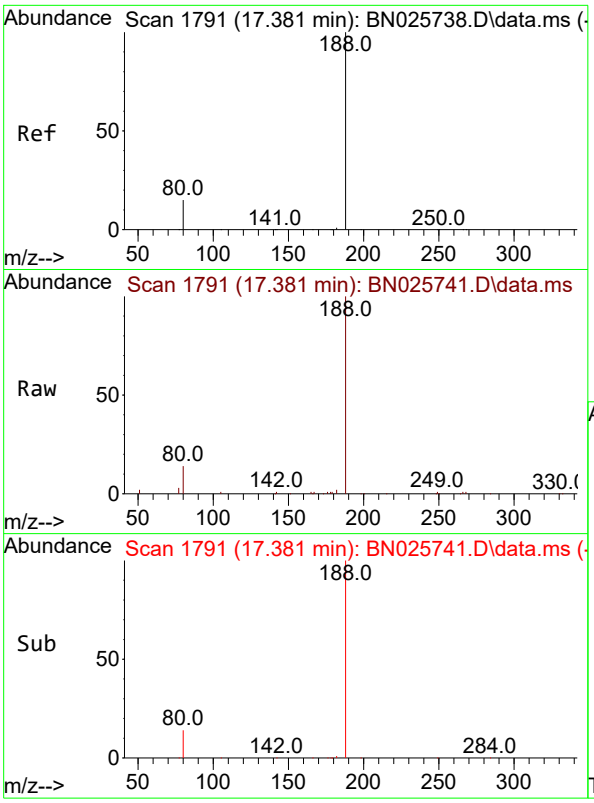


#18
Fluorene
Concen: 3.210 ng
RT: 15.680 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:166 Resp: 160196

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.1	120.1
167	13.4	10.7	16.1



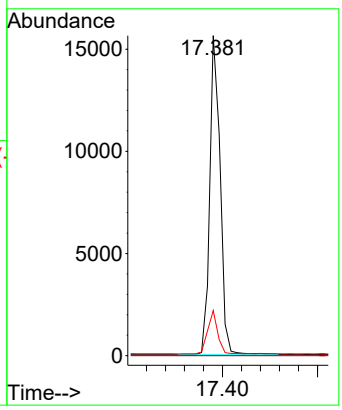


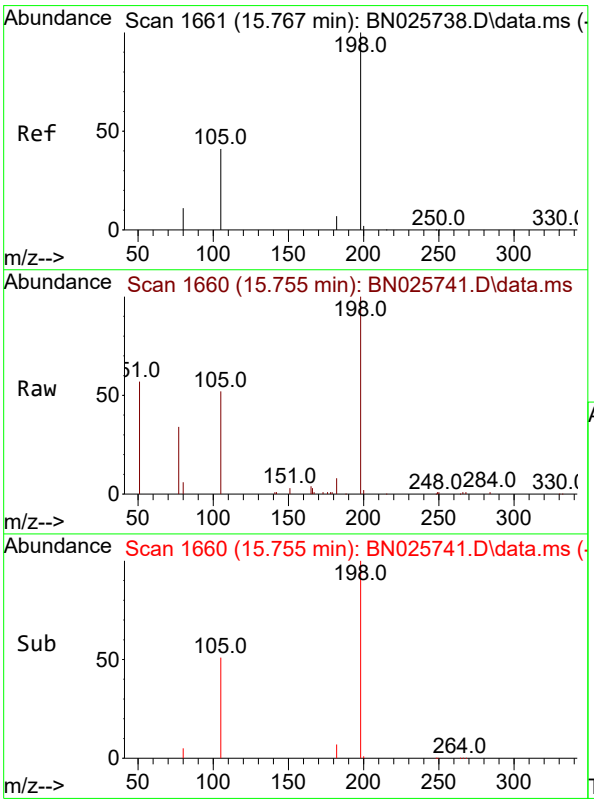
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 23831

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	12.1	18.1

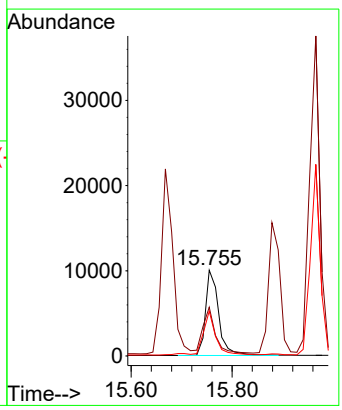


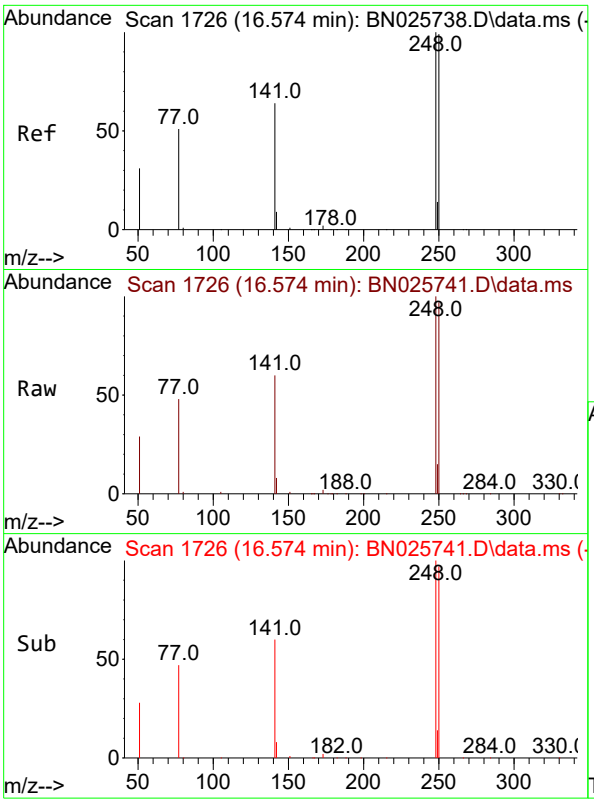


#20
4,6-Dinitro-2-methylphenol
Concen: 4.068 ng
RT: 15.755 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:198 Resp: 18123

Ion	Ratio	Lower	Upper
198	100		
51	57.0	62.7	94.1#
105	52.3	42.2	63.4



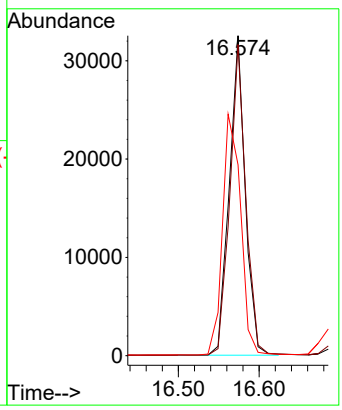


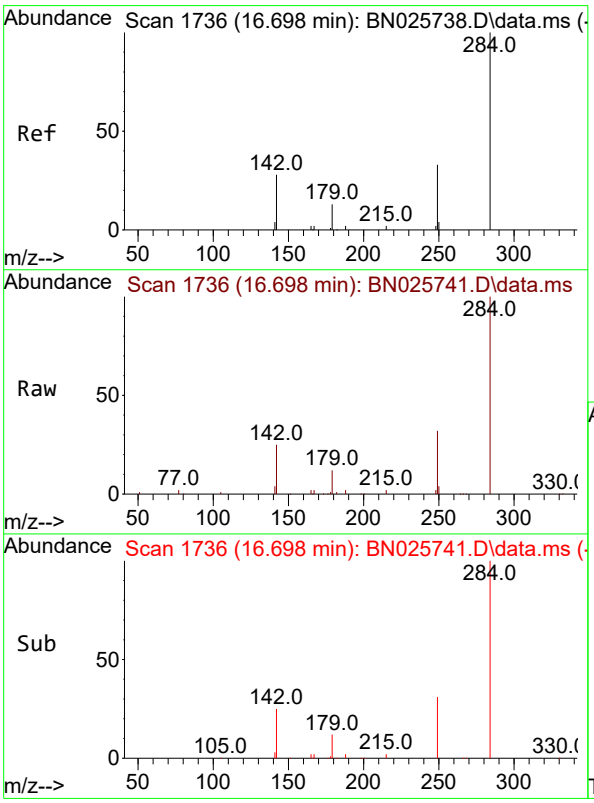
#21
4-Bromophenyl-phenylether
Concen: 3.251 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 44848

Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.1	118.7
141	59.7	51.9	77.9

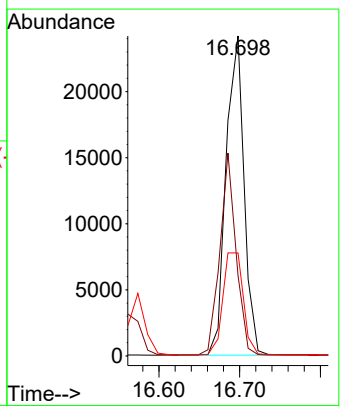


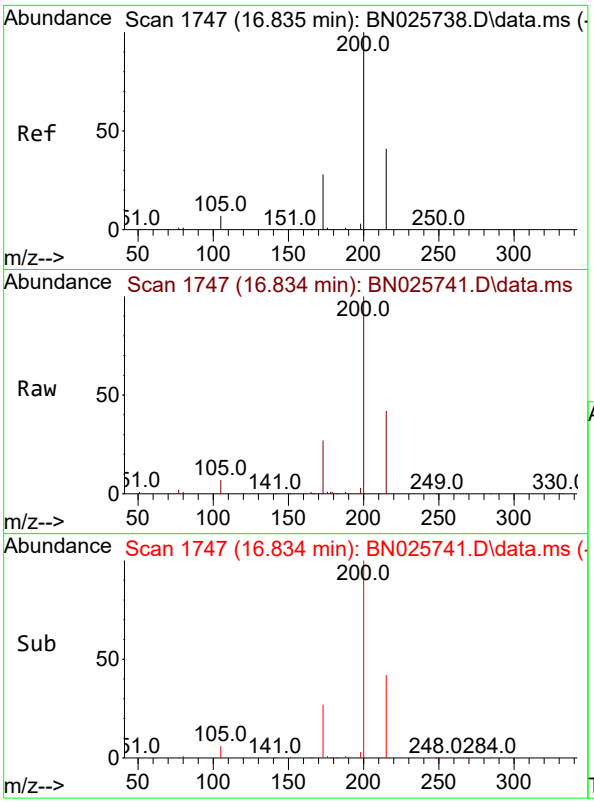


#22
Hexachlorobenzene
Concen: 3.158 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:284 Resp: 37312

Ion	Ratio	Lower	Upper
284	100		
142	56.7	45.0	67.4
249	36.1	29.6	44.4



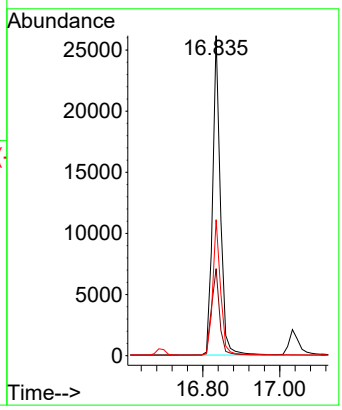


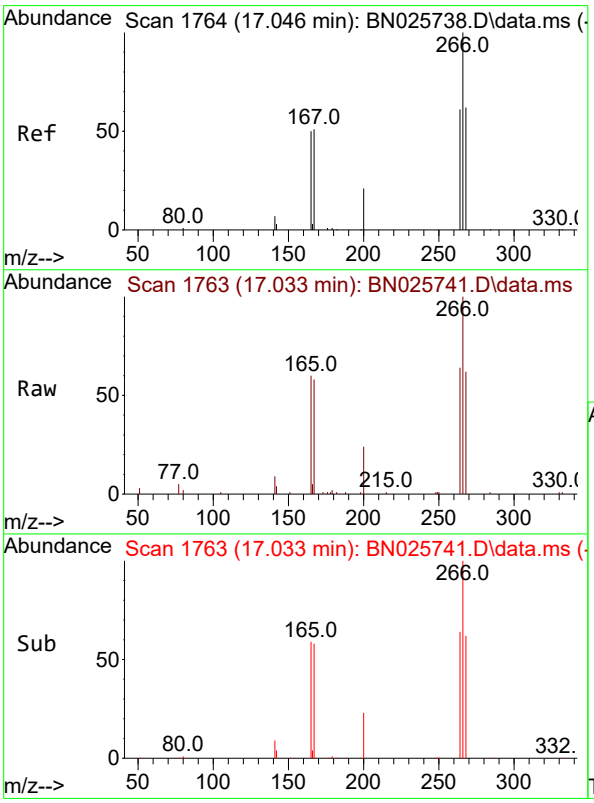
#23
Atrazine
Concen: 3.256 ng
RT: 16.834 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 36628

Ion	Ratio	Lower	Upper
200	100		
173	27.2	23.8	35.6
215	42.5	33.8	50.6

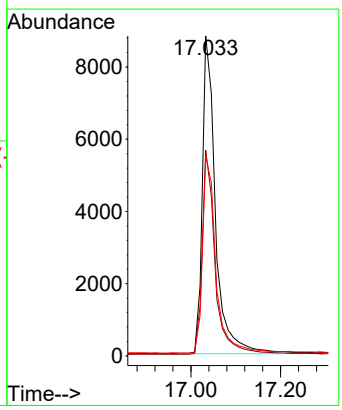


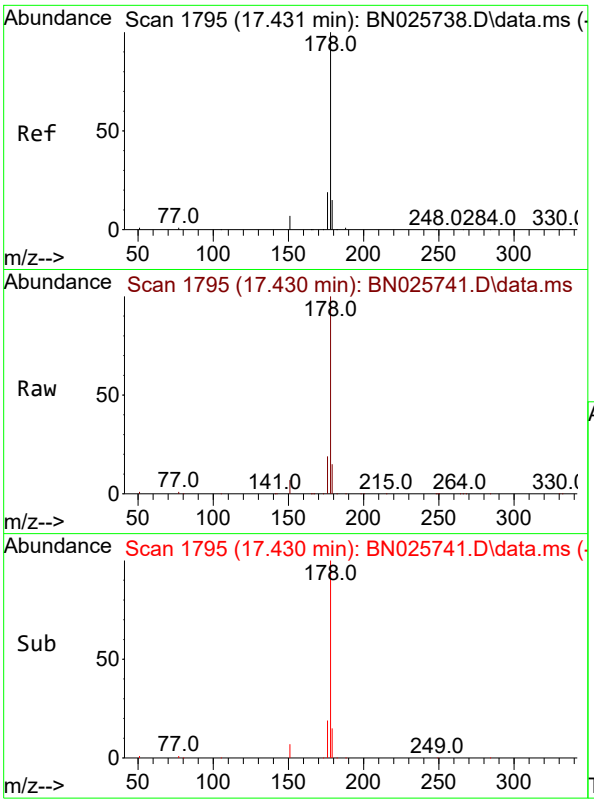


#24
Pentachlorophenol
Concen: 4.057 ng
RT: 17.033 min Scan# 1763
Delta R.T. -0.013 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:266 Resp: 17865

Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.6	73.0
268	63.1	51.8	77.6



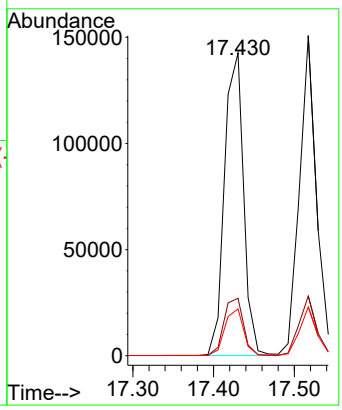


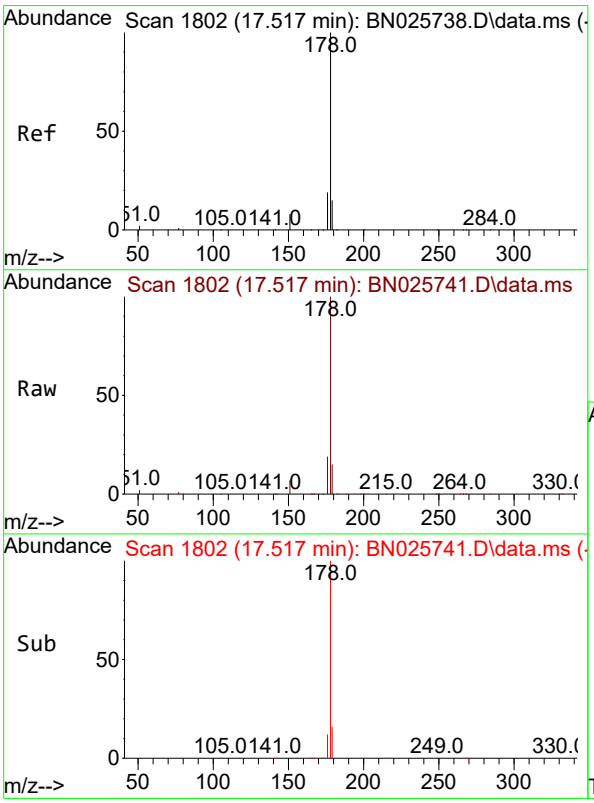
#25
Phenanthrene
Concen: 3.201 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 234366

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.2	12.2	18.2

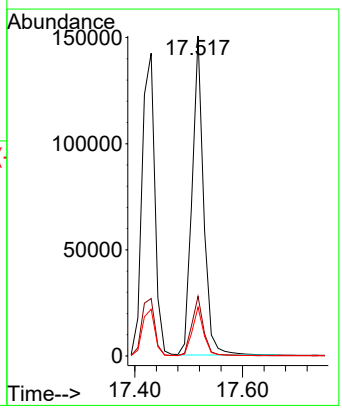


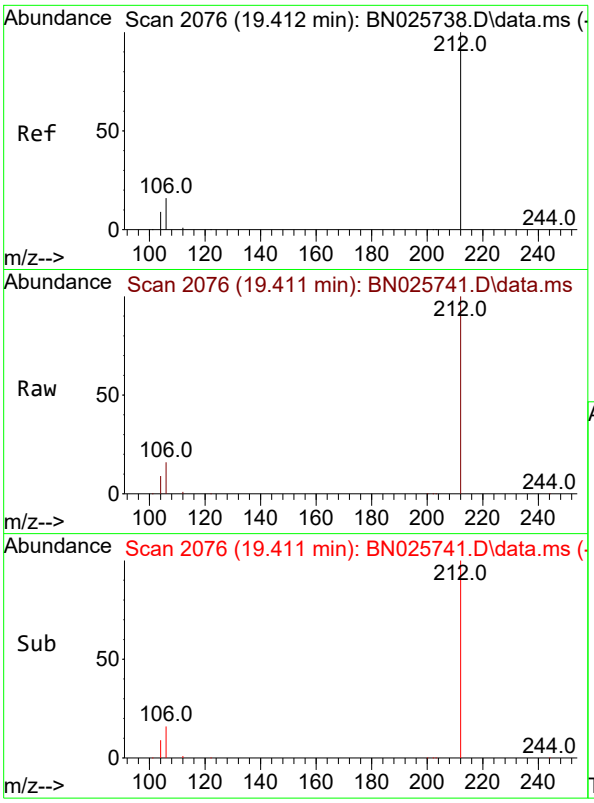


#26
Anthracene
Concen: 3.341 ng
RT: 17.517 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:178 Resp: 223874

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.2	12.2	18.2



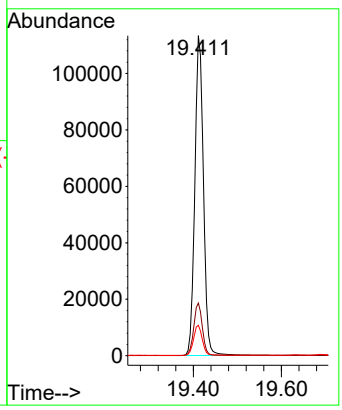


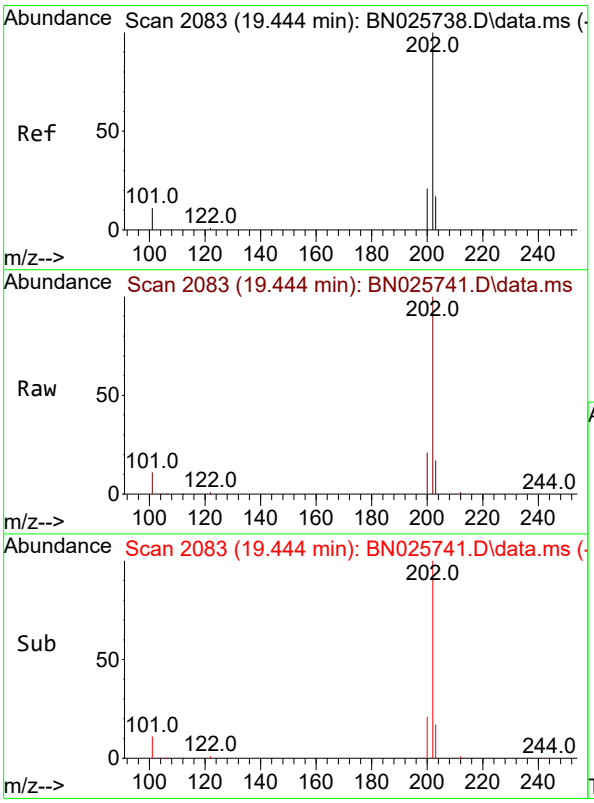
#27
Fluoranthene-d10
Concen: 3.136 ng
RT: 19.411 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 153757

Ion	Ratio	Lower	Upper
212	100		
106	16.4	13.0	19.6
104	9.4	7.7	11.5

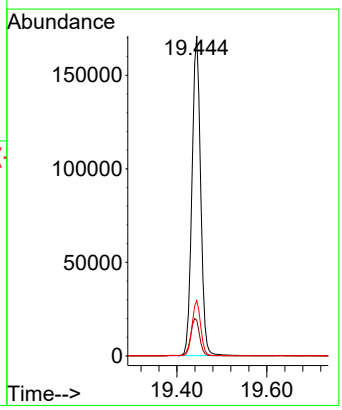


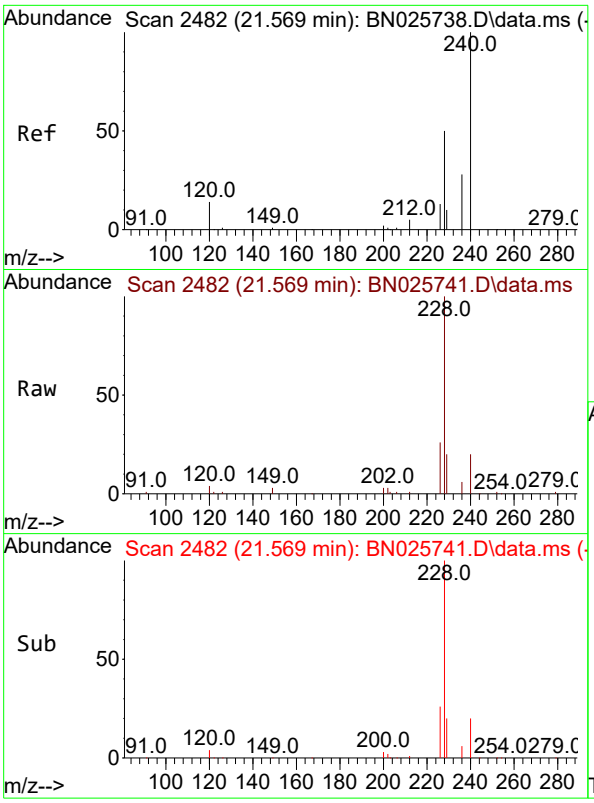


#28
Fluoranthene
Concen: 3.168 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:202 Resp: 228912

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
203	17.2	13.4	20.2



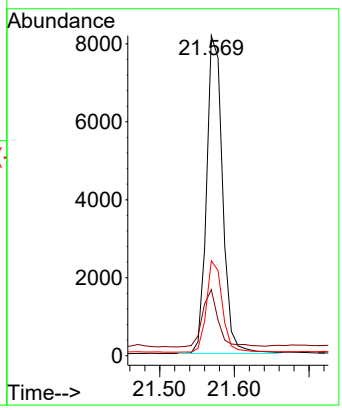


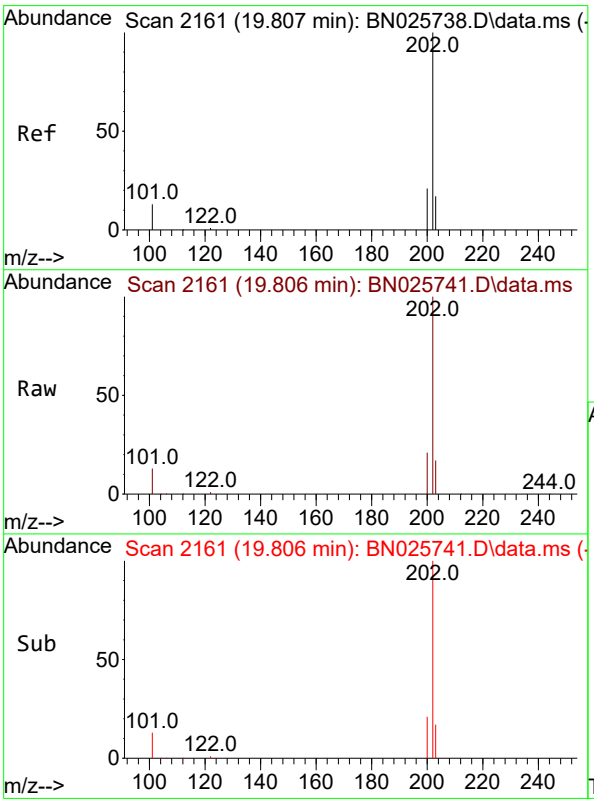
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 12155

Ion	Ratio	Lower	Upper
240	100		
120	20.7	13.2	19.8#
236	29.7	23.1	34.7

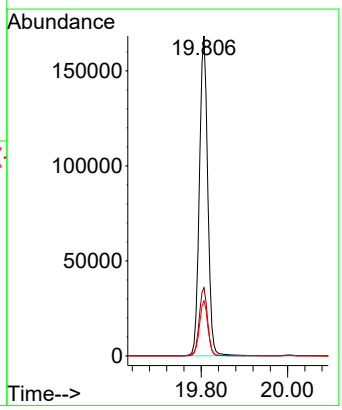


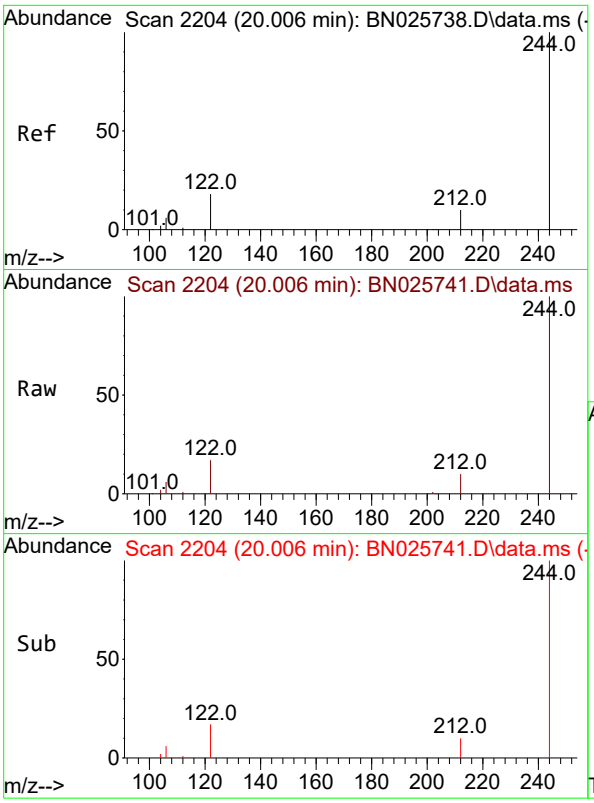


#30
Pyrene
Concen: 3.270 ng
RT: 19.806 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:202 Resp: 225283

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.6
203	17.7	14.2	21.2



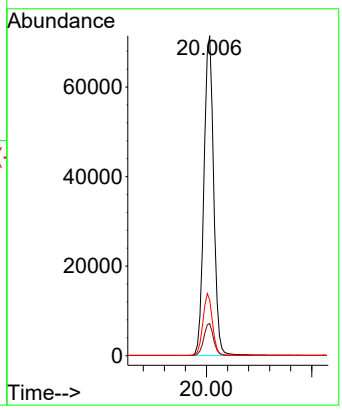


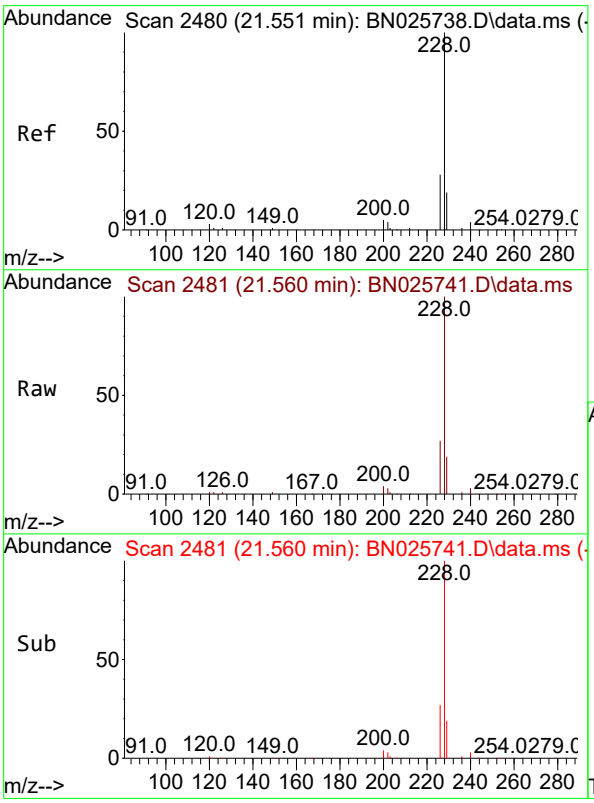
#31
Terphenyl-d14
Concen: 3.112 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 91748

Ion	Ratio	Lower	Upper
244	100		
212	10.1	8.6	12.8
122	17.4	15.2	22.8

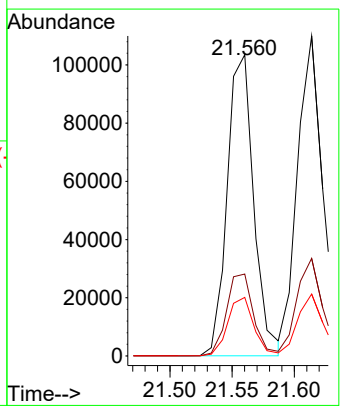


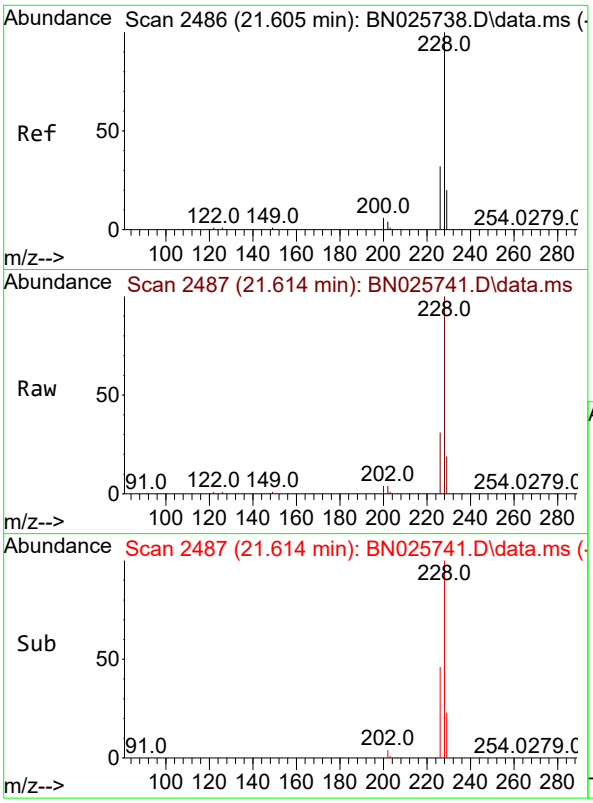


#32
Benzo(a)anthracene
Concen: 3.274 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.009 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:228 Resp: 153628

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.9	34.3
229	19.4	15.6	23.4



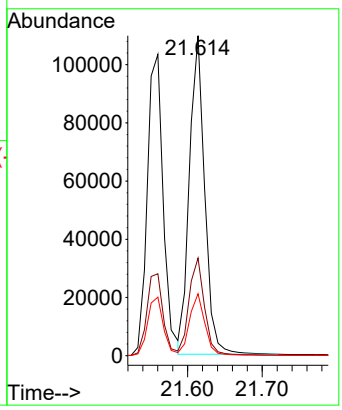


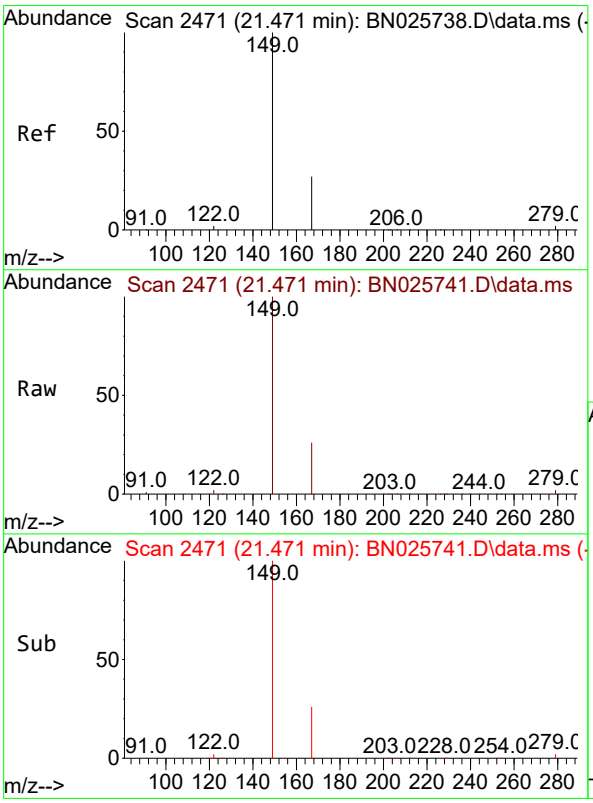
#33
Chrysene
Concen: 3.140 ng
RT: 21.614 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 156006

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.2
229	19.4	16.1	24.1

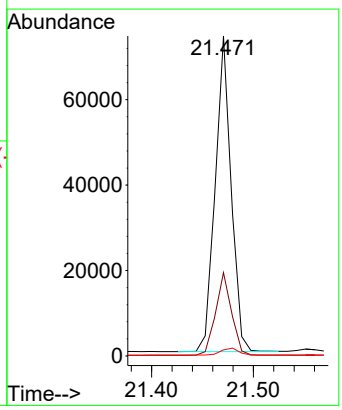


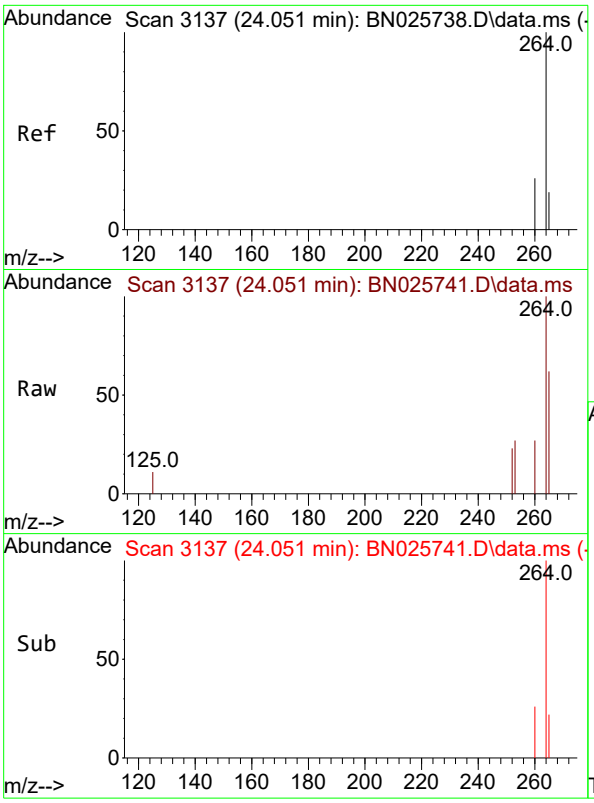


#34
Bis(2-ethylhexyl)phthalate
Concen: 2.684 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:149 Resp: 80226

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.6
279	2.4	2.2	3.4



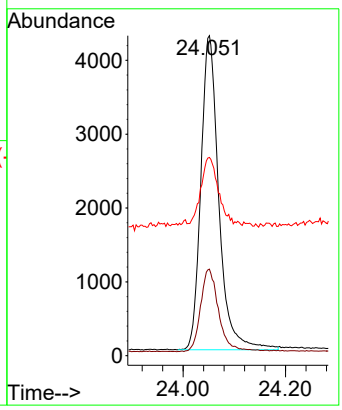


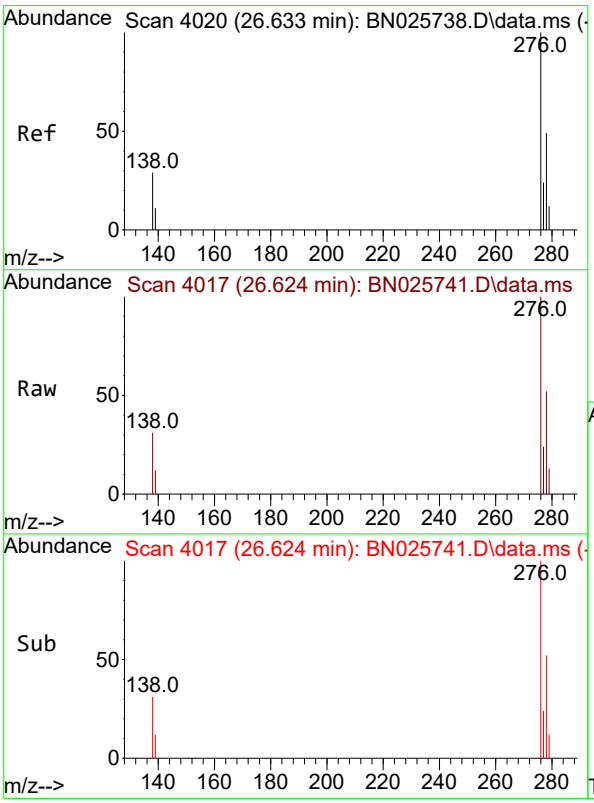
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 10351

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.4	32.2
265	62.0	44.7	67.1

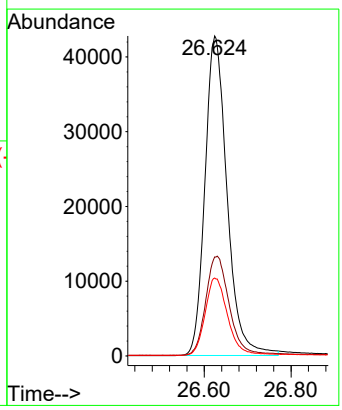


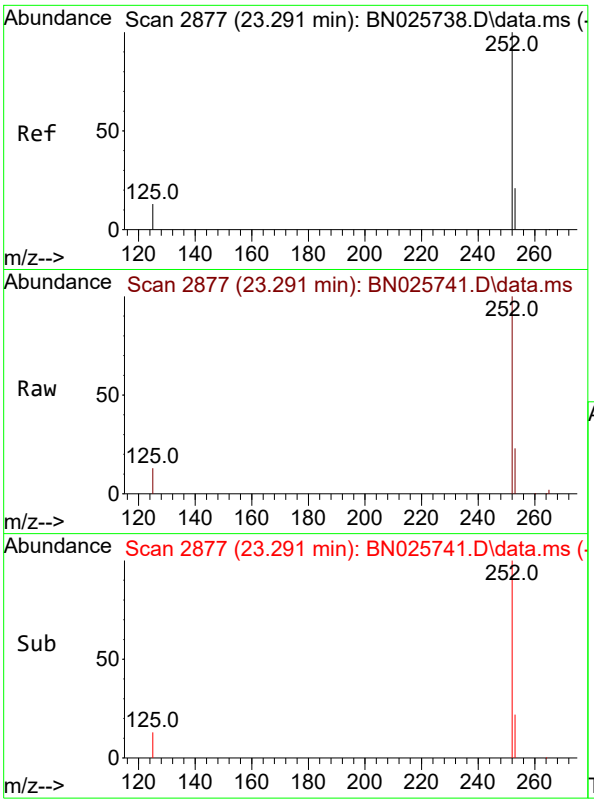


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.379 ng
RT: 26.624 min Scan# 4017
Delta R.T. -0.009 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:276 Resp: 151248

Ion	Ratio	Lower	Upper
276	100		
138	33.0	26.1	39.1
277	24.7	19.4	29.2



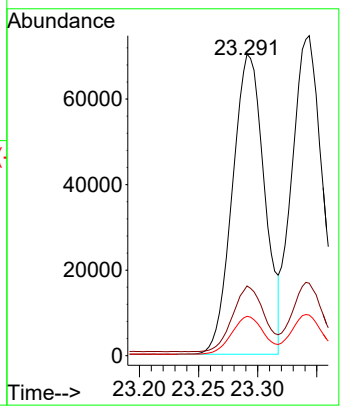


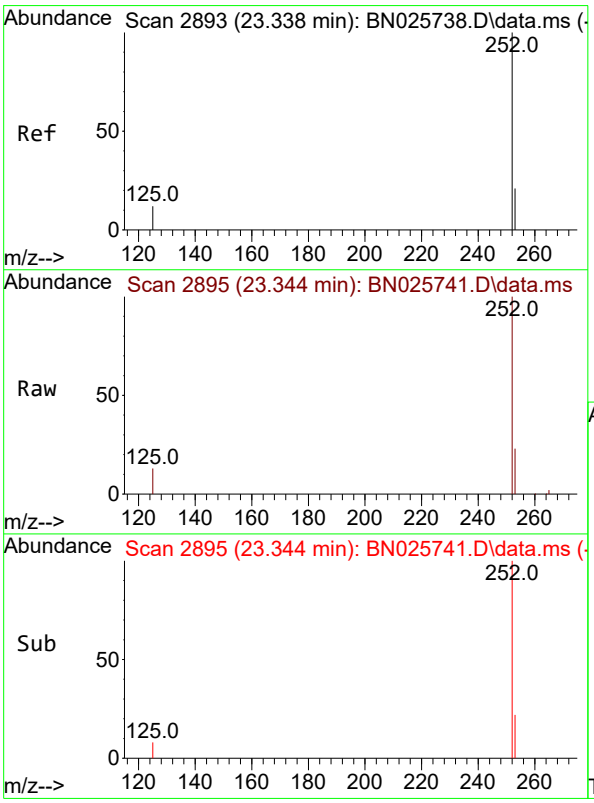
#37
Benzo(b)fluoranthene
Concen: 3.244 ng
RT: 23.291 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 132415

Ion	Ratio	Lower	Upper
252	100		
253	23.1	23.4	35.0#
125	13.1	12.3	18.5

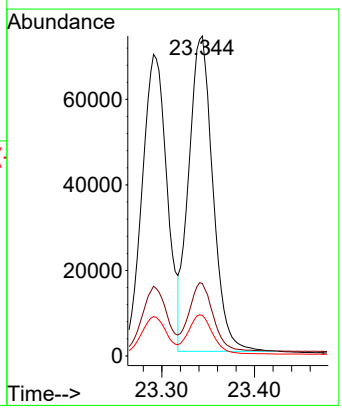


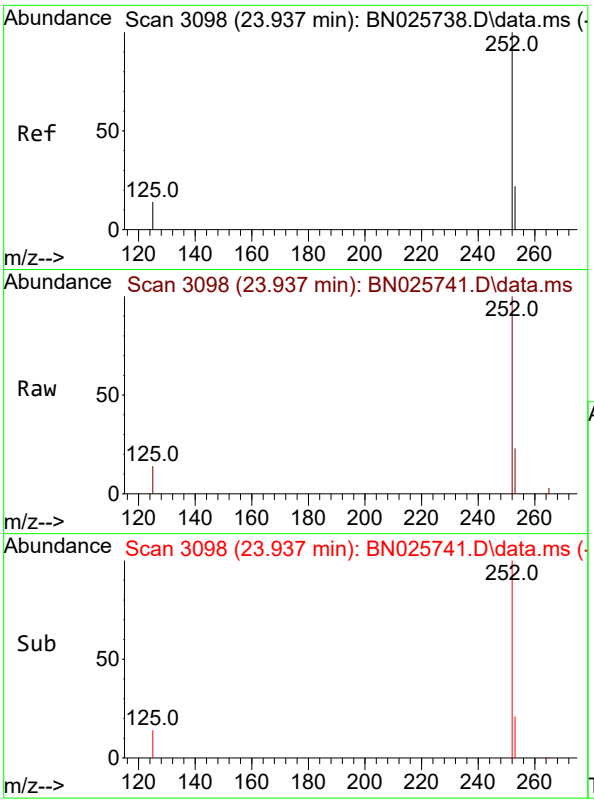


#38
Benzo(k)fluoranthene
Concen: 3.272 ng
RT: 23.344 min Scan# 2895
Delta R.T. 0.006 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:252 Resp: 134179

Ion	Ratio	Lower	Upper
252	100		
253	22.7	24.2	36.4#
125	12.7	12.2	18.2



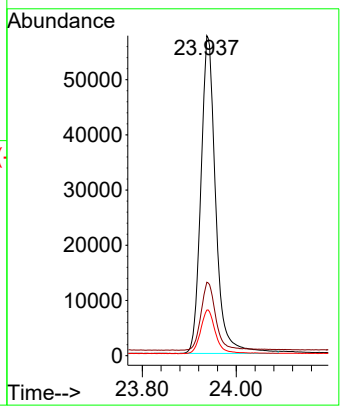


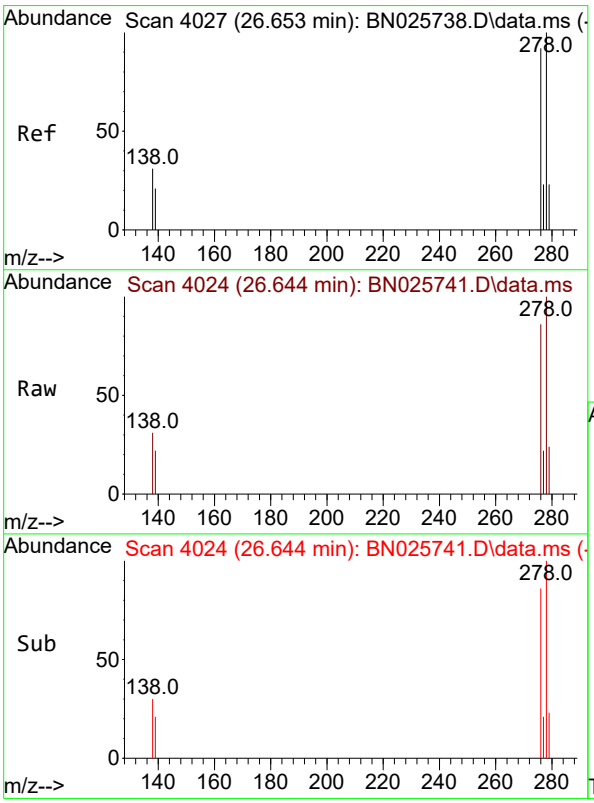
#39
Benzo(a)pyrene
Concen: 3.257 ng
RT: 23.937 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 125992

Ion	Ratio	Lower	Upper
252	100		
253	23.0	27.5	41.3#
125	14.2	14.6	21.8#

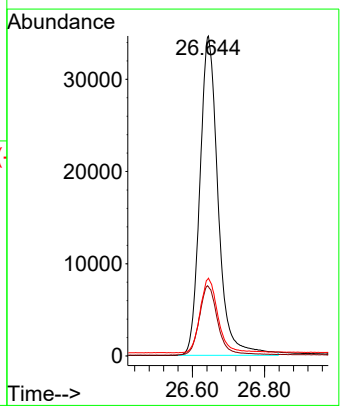


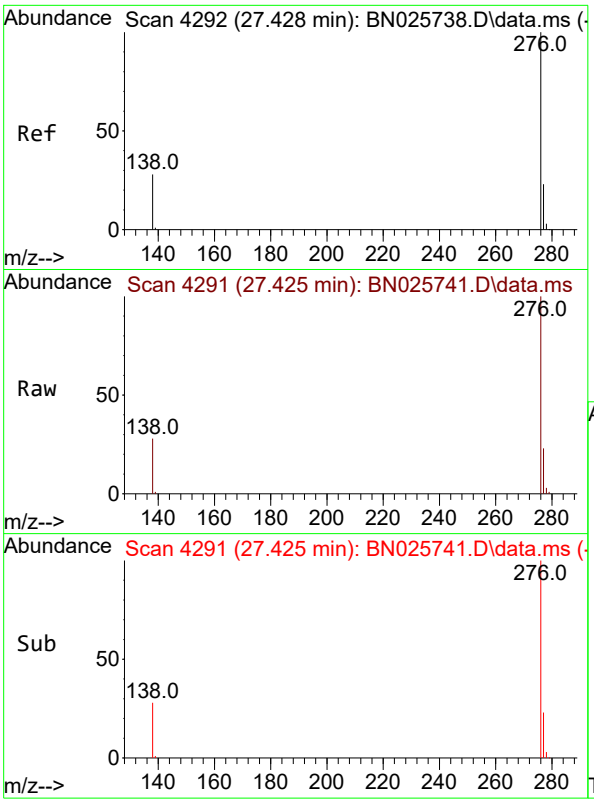


#40
Dibenzo(a,h)anthracene
Concen: 3.419 ng
RT: 26.644 min Scan# 4024
Delta R.T. -0.009 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Tgt Ion:278 Resp: 121499

Ion	Ratio	Lower	Upper
278	100		
139	21.6	18.7	28.1
279	24.3	25.1	37.7#





#41
Benzo(g,h,i)perylene
Concen: 3.312 ng
RT: 27.425 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025741.D
Acq: 31 May 2023 15:41

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 133036

Ion	Ratio	Lower	Upper
276	100		
277	23.1	20.2	30.2
138	28.3	24.2	36.4