Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025286.D
Acq On : 05 May 2023 19:38
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 08 02:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:01:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	5452	0.400	ng	0.00
7) Naphthalene-d8	10.728	136	16542	0.400	ng	0.00
13) Acenaphthene-d10	14.555	164	10881	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	24498	0.400	ng	0.00
29) Chrysene-d12	21.504	240	26323	0.400	ng	# 0.00
35) Perylene-d12	23.946	264	29752	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	2545	0.202	ng	0.00
5) Phenol-d6	7.088	99	3040	0.191	ng	0.00
8) Nitrobenzene-d5	8.977	82	315	0.024	ng	-0.12
11) 2-Methylnaphthalene-d10	12.324	152	3983	0.182	ng	0.00
14) 2,4,6-Tribromophenol	16.082	330	906	0.185	ng	0.01
15) 2-Fluorobiphenyl	13.187	172	6586	0.158	ng	0.00
27) Fluoranthene-d10	19.342	212	11392	0.205	ng	0.00
31) Terphenyl-d14	19.936	244	9555	0.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	1129	0.188	ng	# 93
3) n-Nitrosodimethylamine	3.664	42	1536	0.151	ng	# 91
6) bis(2-Chloroethyl)ether	7.340	93	2726	0.169	ng	95
9) Naphthalene	10.771	128	8103	0.190	ng	97
10) Hexachlorobutadiene	11.049	225	1559	0.192	ng	# 99
12) 2-Methylnaphthalene	12.396	142	5458	0.184	ng	98
16) Acenaphthylene	14.277	152	8607	0.188	ng	99
17) Acenaphthene	14.619	154	5565	0.180	ng	100
18) Fluorene	15.613	166	7531	0.177	ng	99
20) 4,6-Dinitro-2-methylph...	15.759	198	279	0.086	ng	# 8
21) 4-Bromophenyl-phenylether	16.504	248	2371	0.164	ng	# 83
22) Hexachlorobenzene	16.616	284	2726	0.167	ng	99
23) Atrazine	16.777	200	2205	0.224	ng	96
24) Pentachlorophenol	17.075	266	370	0.083	ng	# 87
25) Phenanthrene	17.348	178	12411	0.174	ng	99
26) Anthracene	17.447	178	11037	0.178	ng	100
28) Fluoranthene	19.376	202	15872	0.197	ng	99
30) Pyrene	19.738	202	16878	0.180	ng	100
32) Benzo(a)anthracene	21.495	228	16558	0.186	ng	99
33) Chrysene	21.540	228	16631	0.178	ng	98
34) Bis(2-ethylhexyl)phtha...	21.396	149	13693	0.286	ng	99
36) Indeno(1,2,3-cd)pyrene	26.499	276	21615	0.166	ng	100
37) Benzo(b)fluoranthene	23.204	252	16968	0.150	ng	# 90
38) Benzo(k)fluoranthene	23.250	252	18133	0.162	ng	# 90
39) Benzo(a)pyrene	23.847	252	17956	0.166	ng	# 87
40) Dibenzo(a,h)anthracene	26.516	278	17141	0.167	ng	92
41) Benzo(g,h,i)perylene	27.282	276	19355	0.174	ng	94

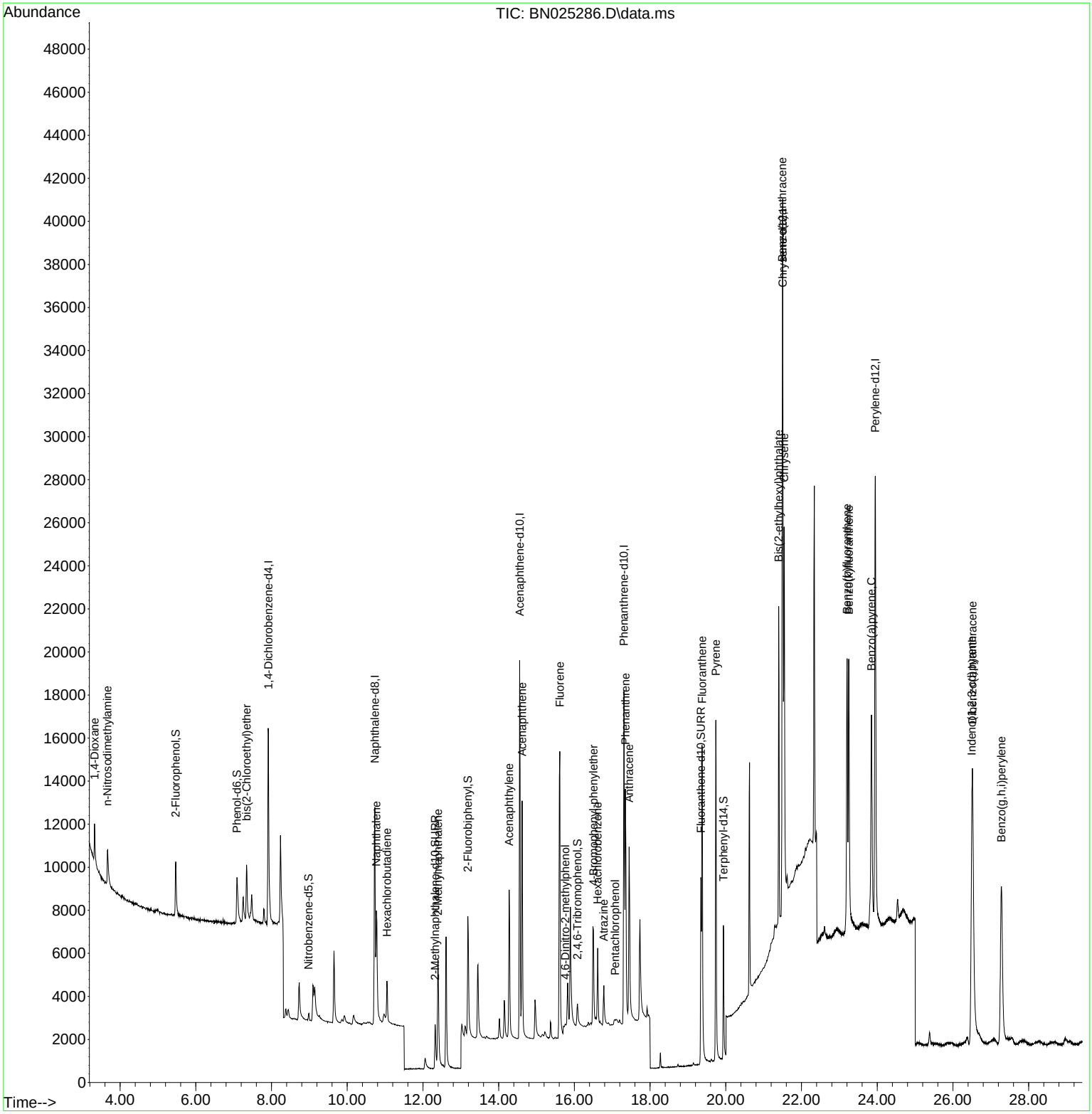
(#) = qualifier out of range (m) = manual integration (+) = signals summed

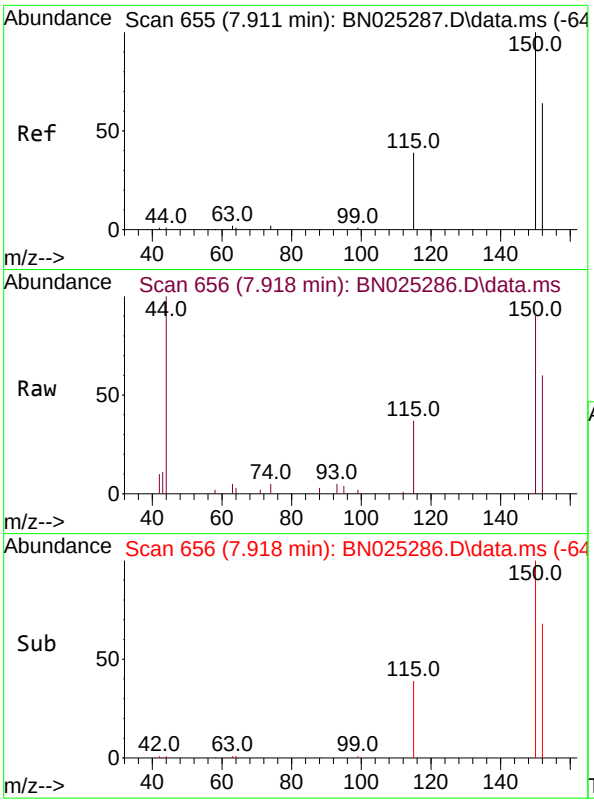
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025286.D
Acq On : 05 May 2023 19:38
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 08 02:05:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:01:54 2023
Response via : Initial Calibration



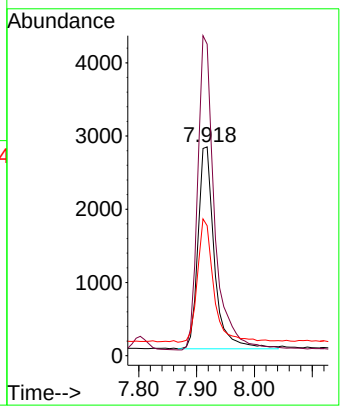


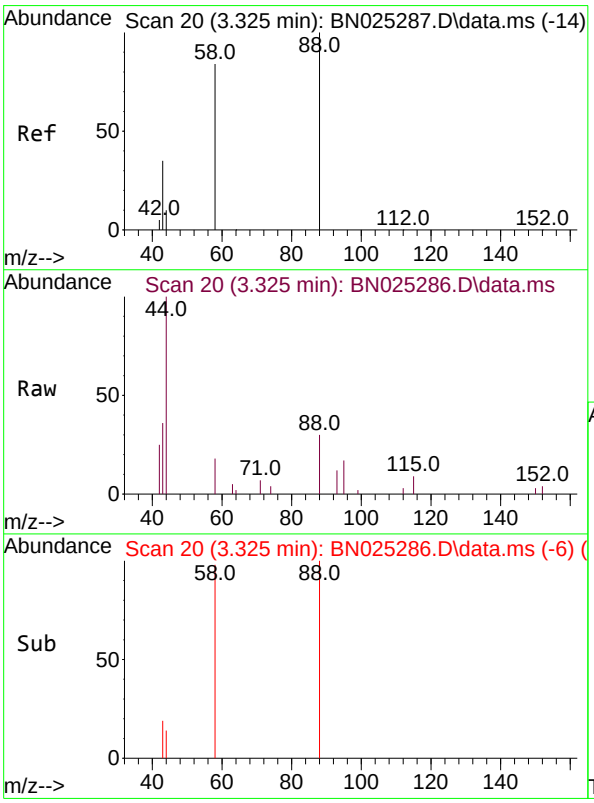
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.918 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5452

Ion	Ratio	Lower	Upper
152	100		
150	149.2	123.8	185.8
115	62.2	52.9	79.3

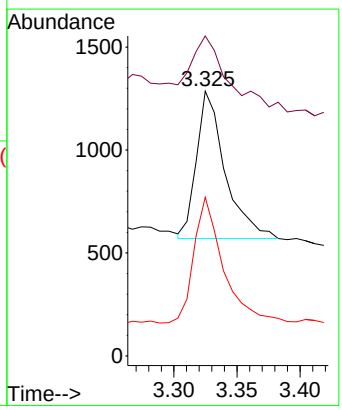


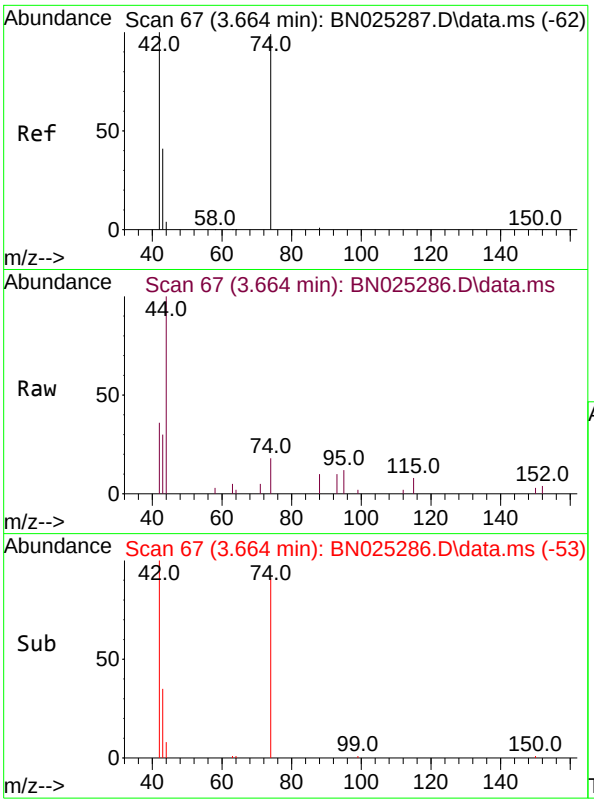


#2
1,4-Dioxane
Concen: 0.188 ng
RT: 3.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion: 88 Resp: 1129

Ion	Ratio	Lower	Upper
88	100		
43	57.0	37.2	55.8#
58	87.4	71.5	107.3



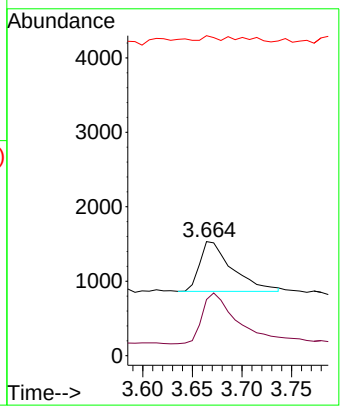


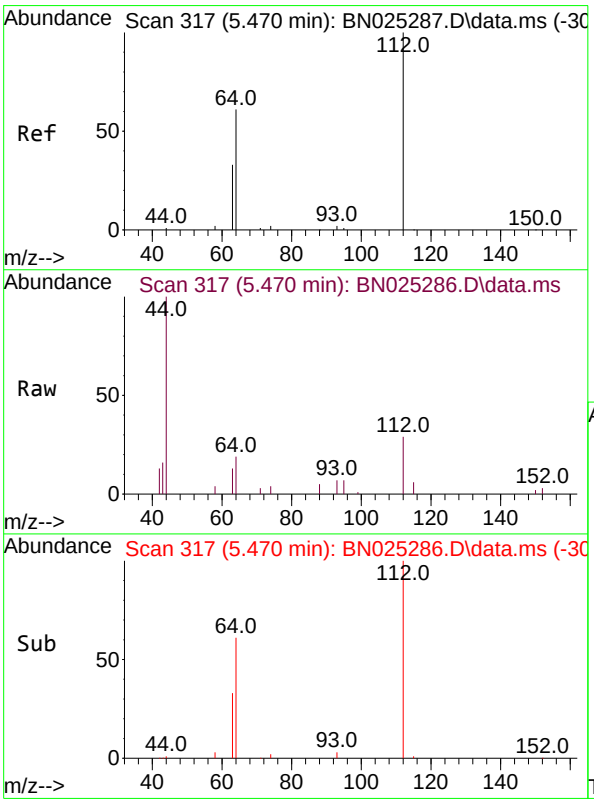
#3
n-Nitrosodimethylamine
Concen: 0.151 ng
RT: 3.664 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1536

Ion	Ratio	Lower	Upper
42	100		
74	109.1	79.9	119.9
44	4.3	7.0	10.6#

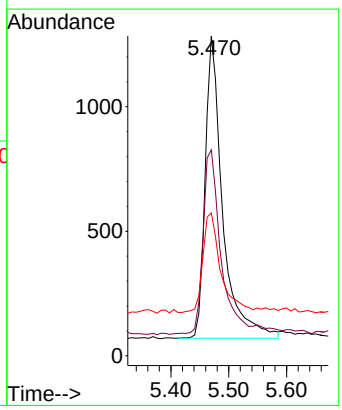


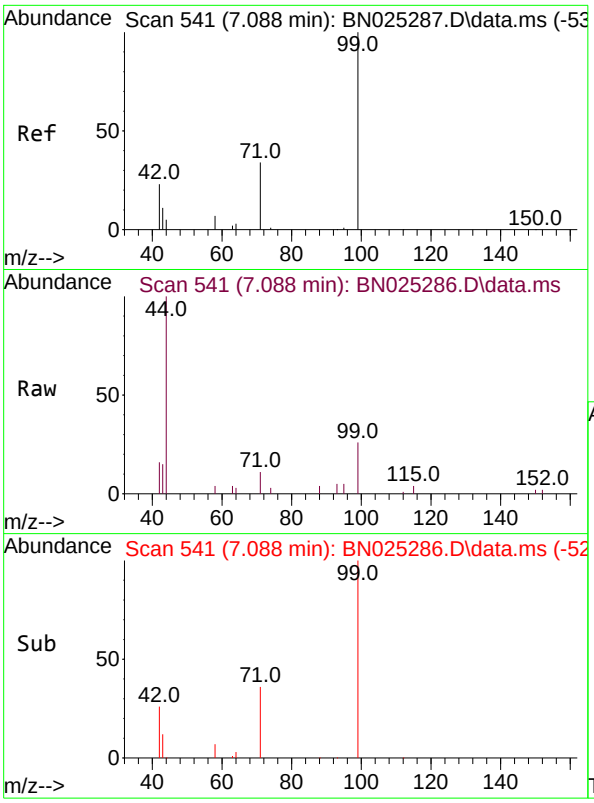


#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.470 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:112 Resp: 2545

Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.5	77.3
63	33.6	27.8	41.6



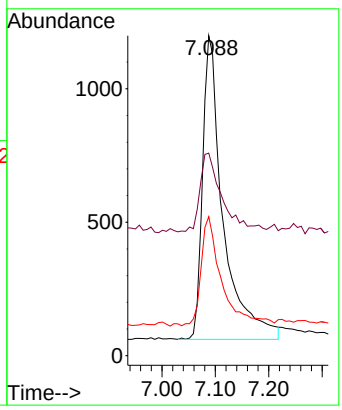


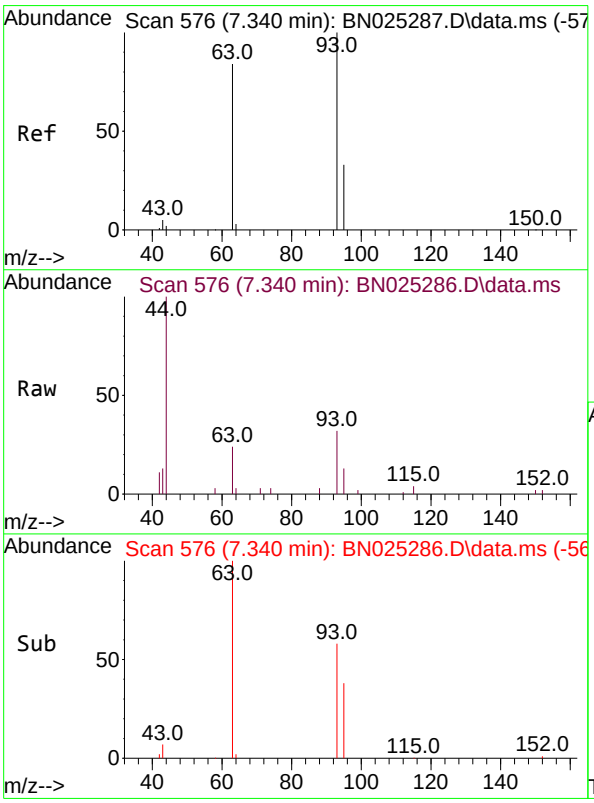
#5
Phenol-d6
Concen: 0.191 ng
RT: 7.088 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3040

Ion	Ratio	Lower	Upper
99	100		
42	27.9	22.0	33.0
71	36.0	28.7	43.1

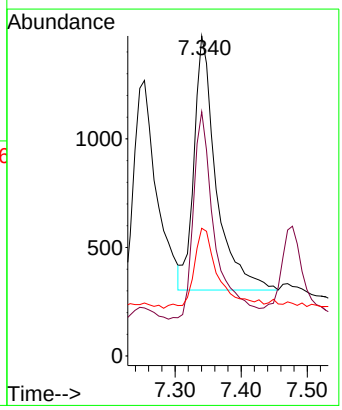


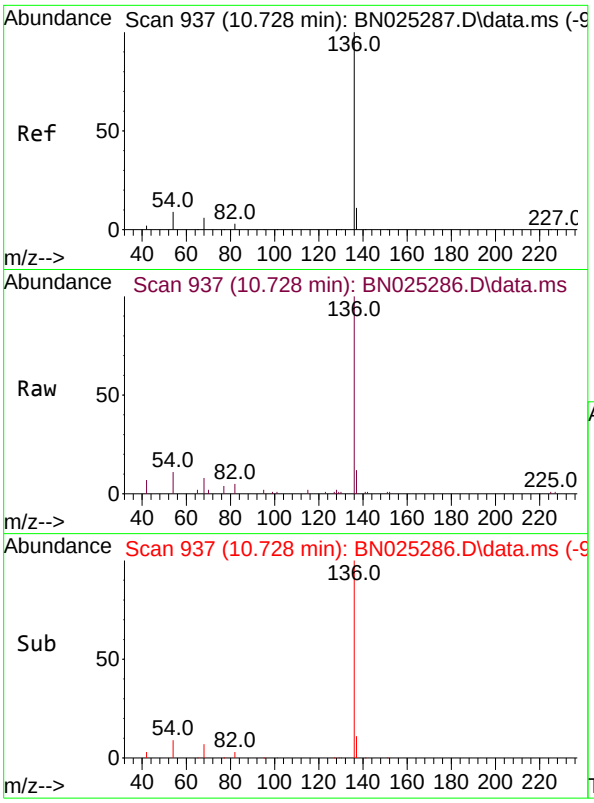


#6
bis(2-Chloroethyl)ether
Concen: 0.169 ng
RT: 7.340 min Scan# 576
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion: 93 Resp: 2726

Ion	Ratio	Lower	Upper
93	100		
63	79.3	67.8	101.6
95	35.0	26.7	40.1



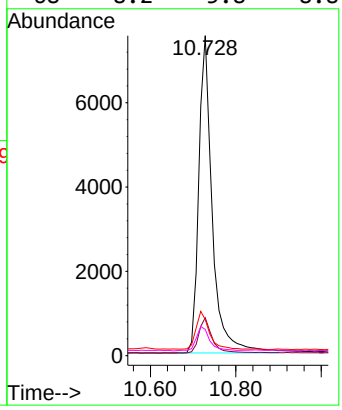


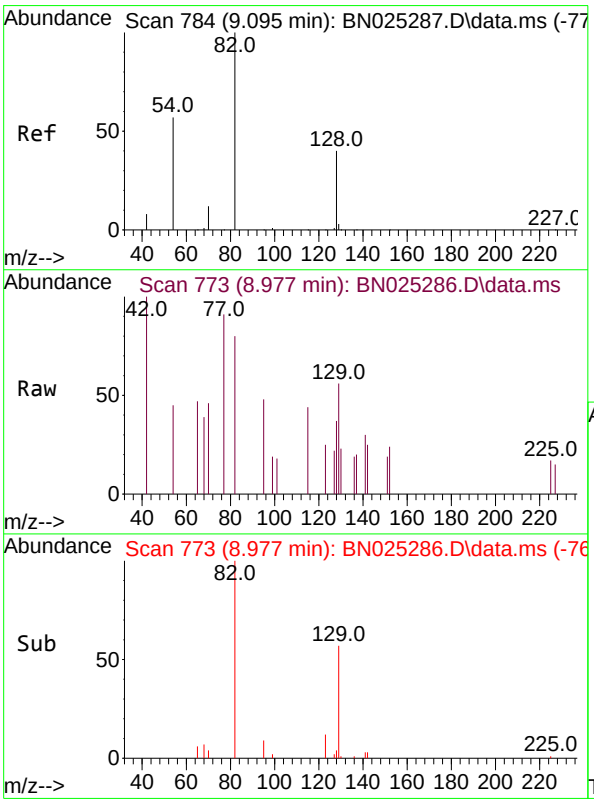
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 16542

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	11.3	8.5	12.7
68	8.2	5.8	8.8

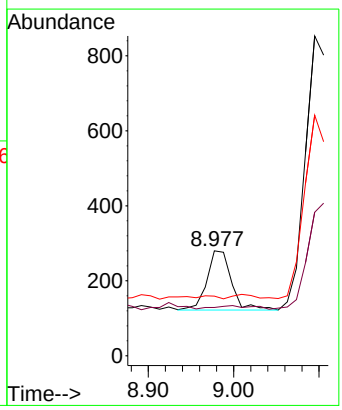


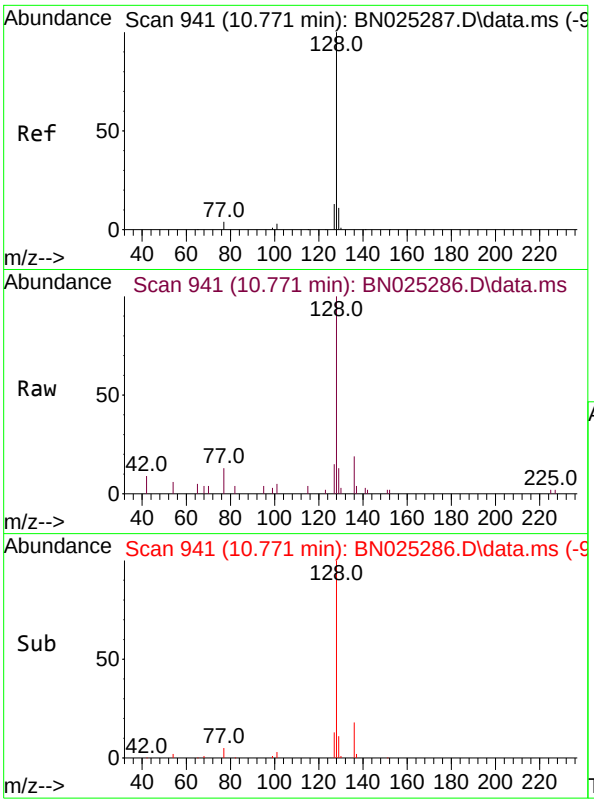


#8
Nitrobenzene-d5
Concen: 0.024 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.118 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion: 82 Resp: 315

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.3	52.9
54	56.8	48.7	73.1



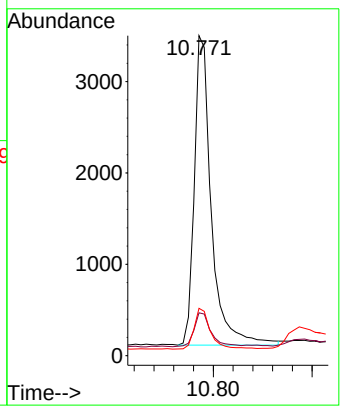


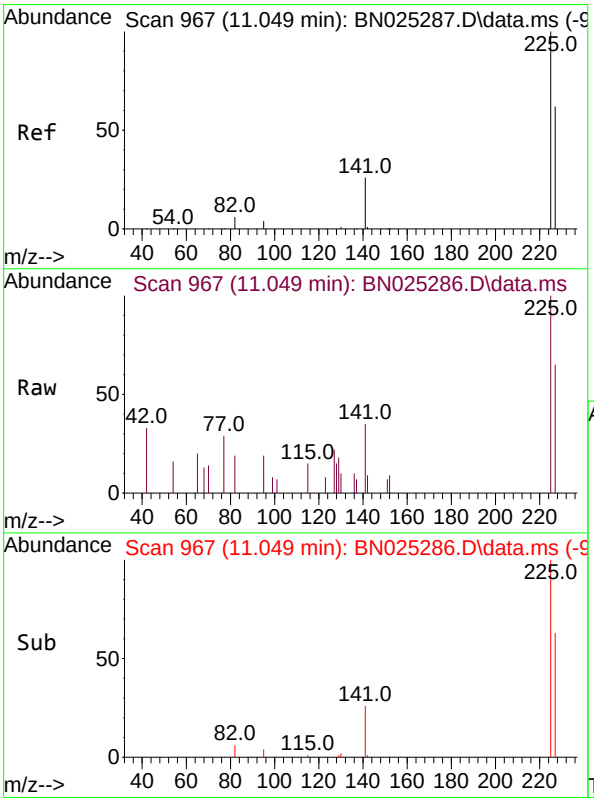
#9
Naphthalene
Concen: 0.190 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 8103

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.2
127	14.8	11.0	16.6

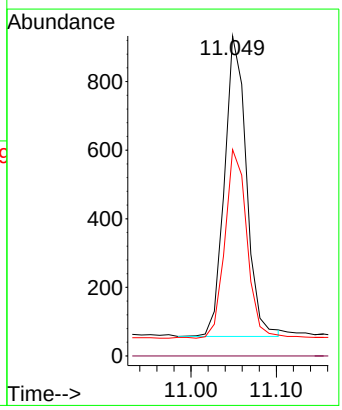


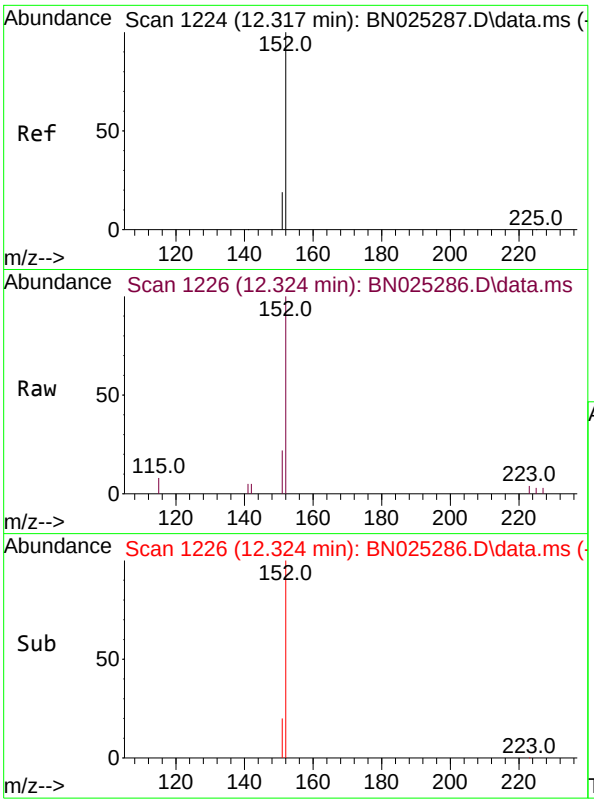


#10
Hexachlorobutadiene
Concen: 0.192 ng
RT: 11.049 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:225 Resp: 1559

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	49.8	74.8



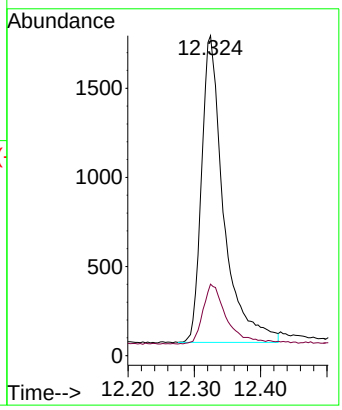


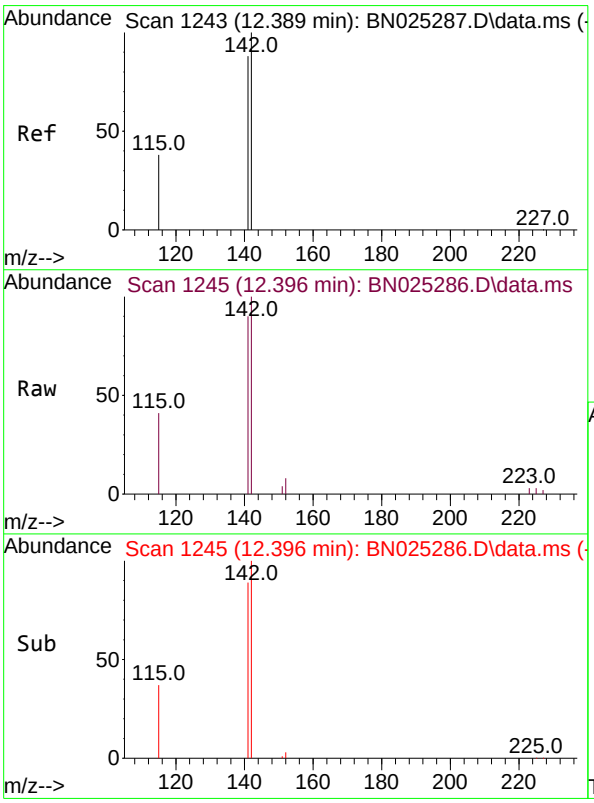
#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 12.324 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3983

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6

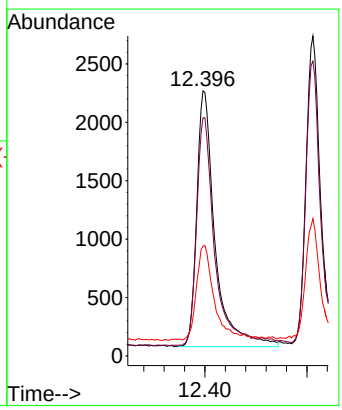


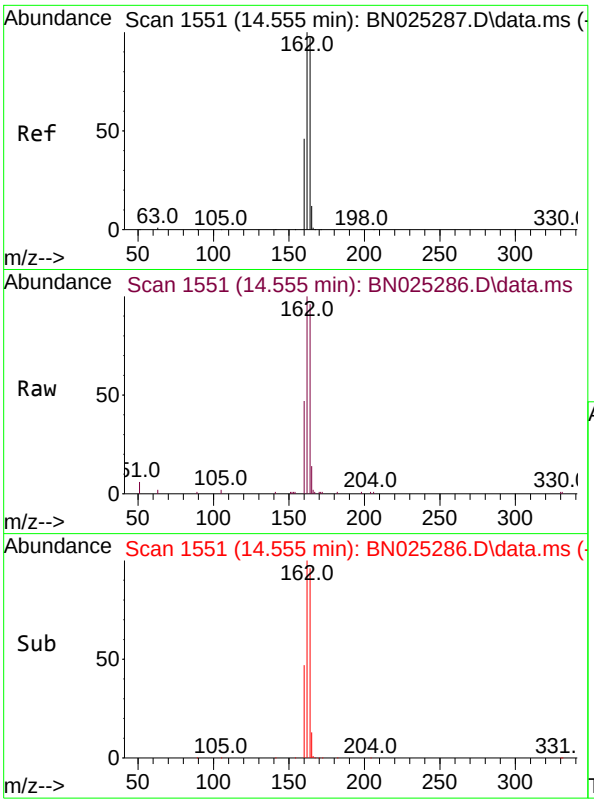


#12
2-Methylnaphthalene
Concen: 0.184 ng
RT: 12.396 min Scan# 1245
Delta R.T. 0.007 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:142 Resp: 5458

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.5	105.7
115	41.5	31.6	47.4



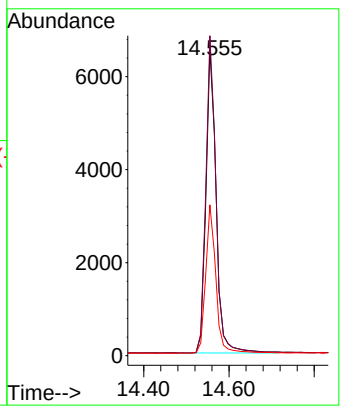


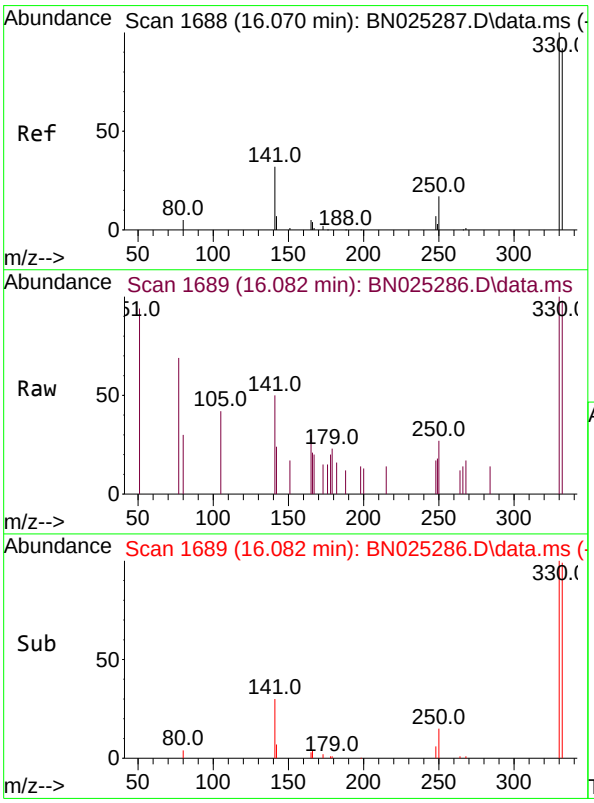
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 10881

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.1	123.1
160	49.3	38.3	57.5

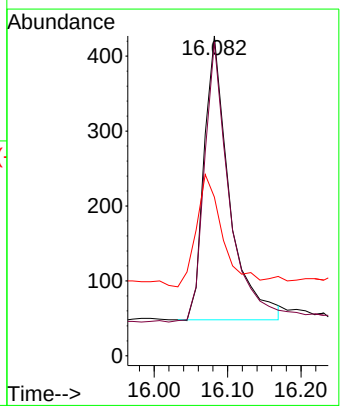


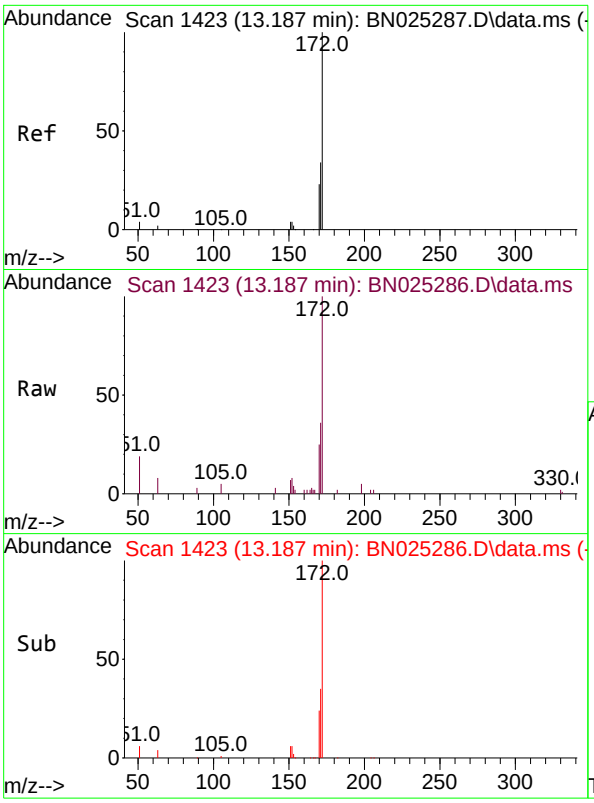


#14
2,4,6-Tribromophenol
Concen: 0.185 ng
RT: 16.082 min Scan# 1689
Delta R.T. 0.012 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:330 Resp: 906

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.0
141	42.1	28.9	43.3



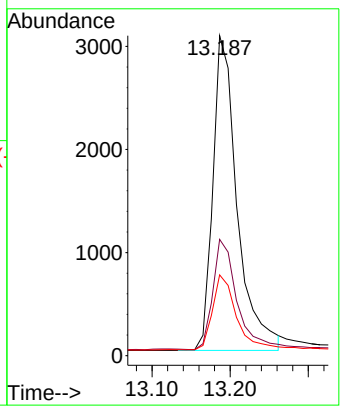


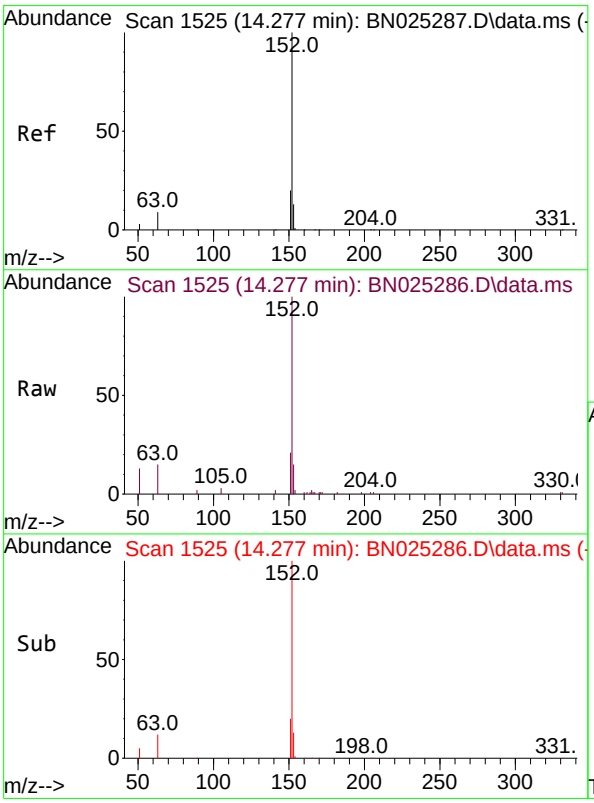
#15
2-Fluorobiphenyl
Concen: 0.158 ng
RT: 13.187 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6586

Ion	Ratio	Lower	Upper
172	100		
171	36.4	27.9	41.9
170	25.3	19.0	28.4

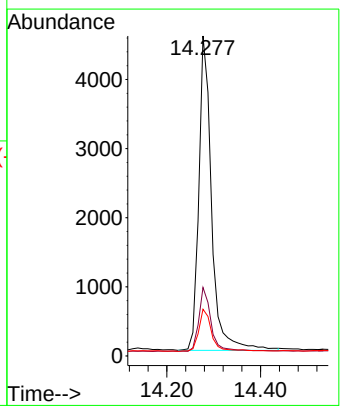


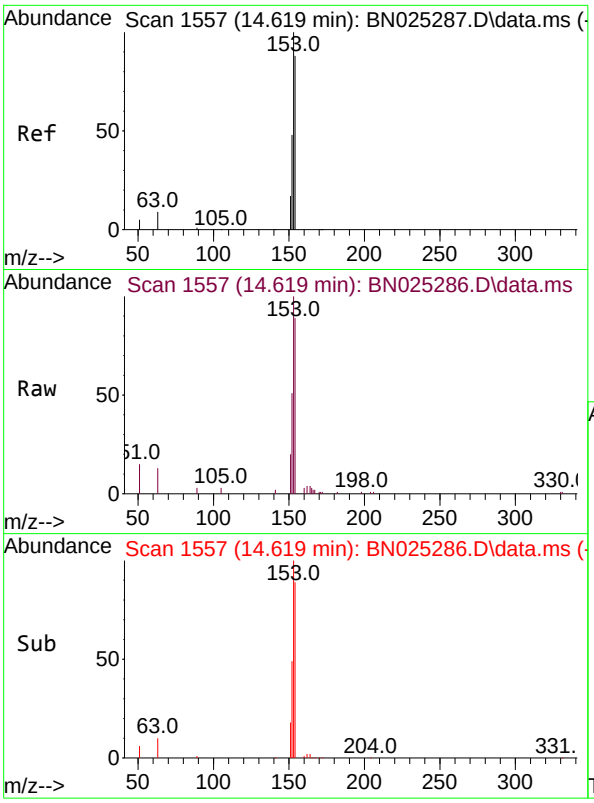


#16
Acenaphthylene
Concen: 0.188 ng
RT: 14.277 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:152 Resp: 8607

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	13.8	10.3	15.5



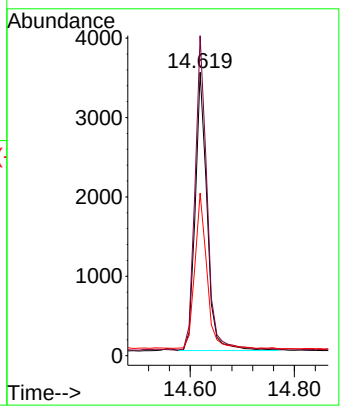


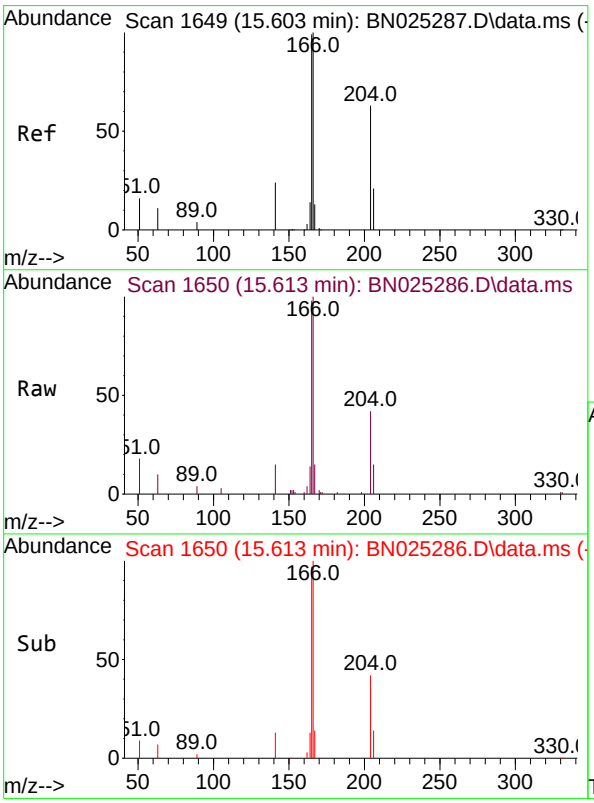
#17
Acenaphthene
Concen: 0.180 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5565

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.3	136.9
152	56.2	44.7	67.1

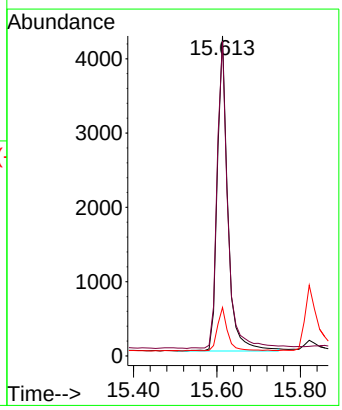


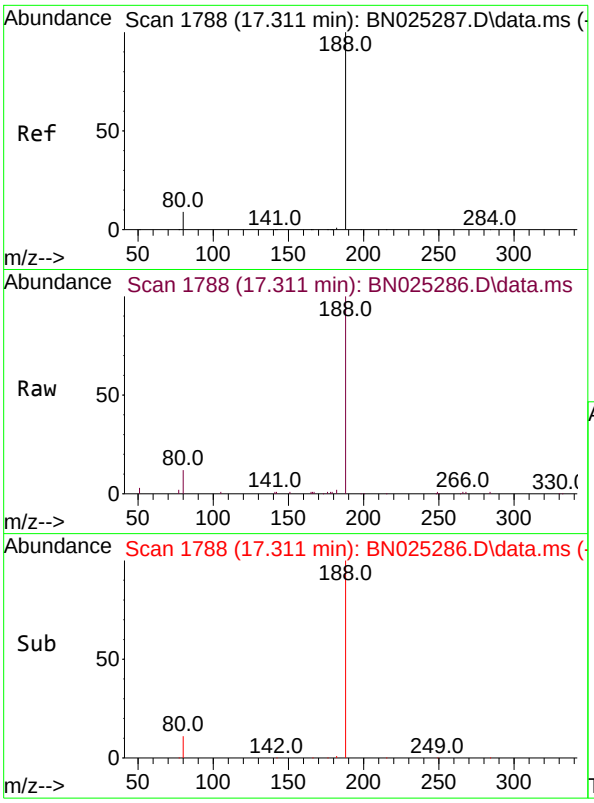


#18
Fluorene
Concen: 0.177 ng
RT: 15.613 min Scan# 1650
Delta R.T. 0.011 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:166 Resp: 7531

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.0	118.4
167	13.3	10.3	15.5



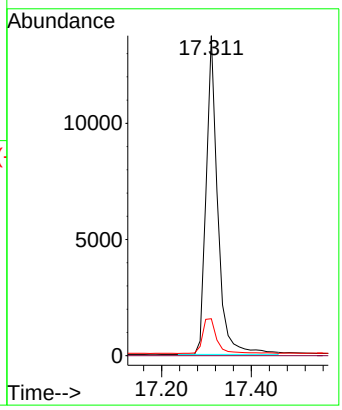


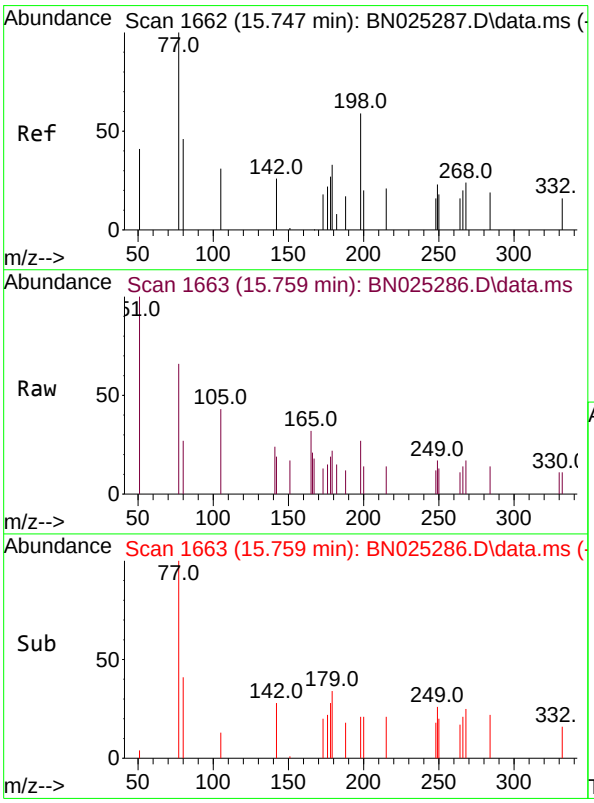
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 24498

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	8.0	12.0

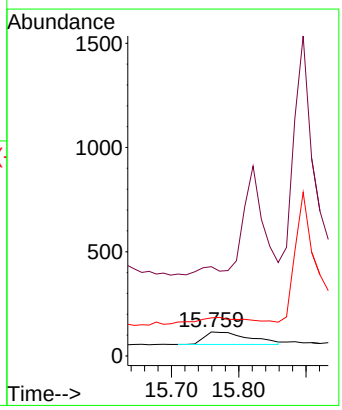


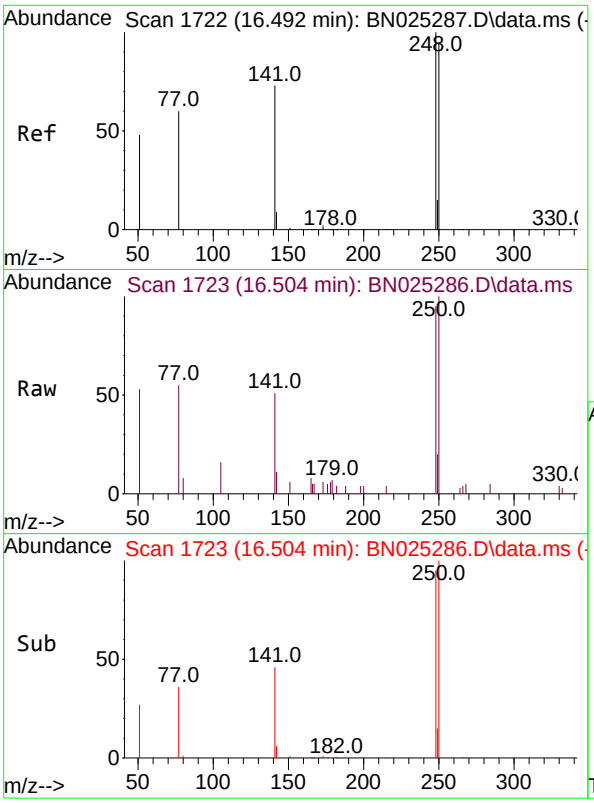


#20
4,6-Dinitro-2-methylphenol
Concen: 0.086 ng
RT: 15.759 min Scan# 1663
Delta R.T. 0.012 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:198 Resp: 279

Ion	Ratio	Lower	Upper
198	100		
51	372.2	162.1	243.1#
105	159.1	83.1	124.7#



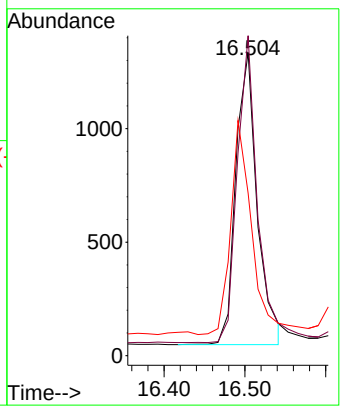


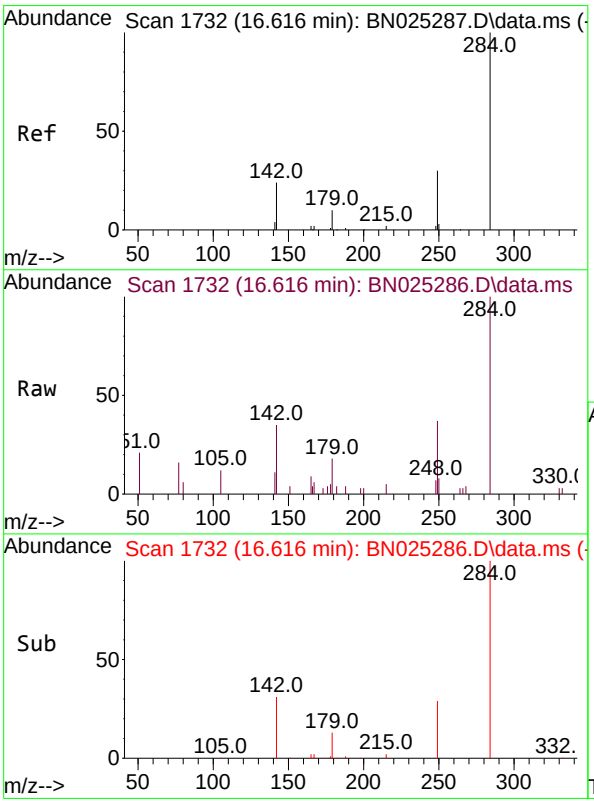
#21
4-Bromophenyl-phenylether
Concen: 0.164 ng
RT: 16.504 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2371

Ion	Ratio	Lower	Upper
248	100		
250	105.5	76.0	114.0
141	53.6	59.9	89.9#

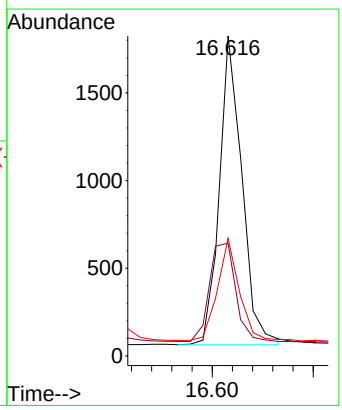


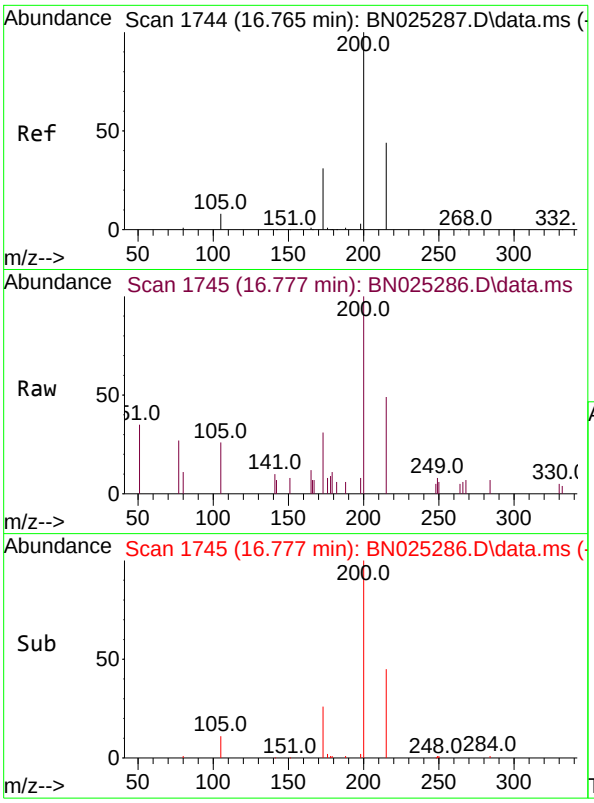


#22
Hexachlorobenzene
Concen: 0.167 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:284 Resp: 2726

Ion	Ratio	Lower	Upper
284	100		
142	36.9	30.0	45.0
249	31.6	25.0	37.6



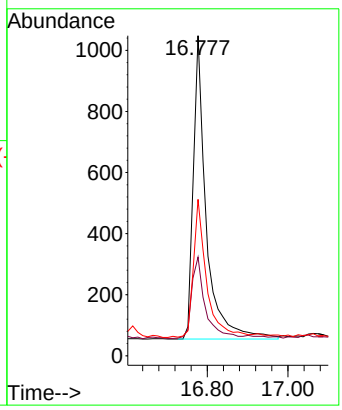


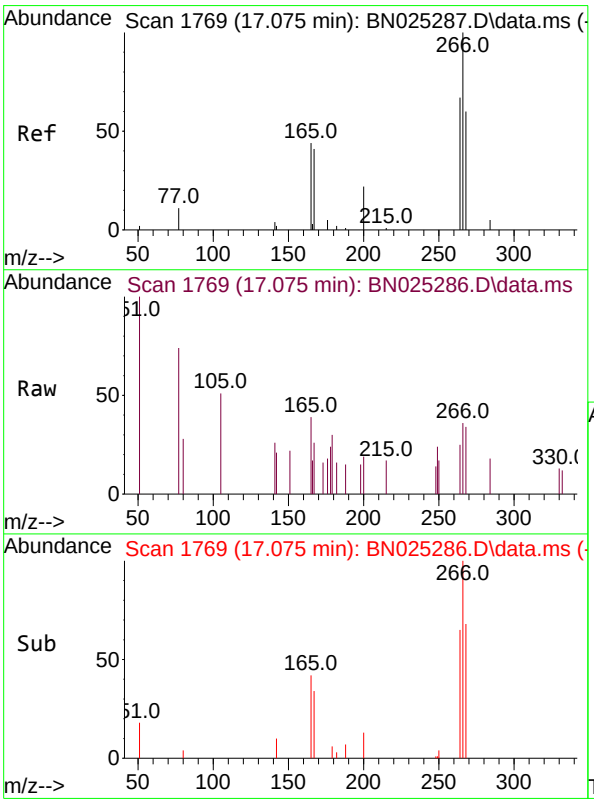
#23
Atrazine
Concen: 0.224 ng
RT: 16.777 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 2205

Ion	Ratio	Lower	Upper
200	100		
173	30.8	26.3	39.5
215	48.9	37.2	55.8

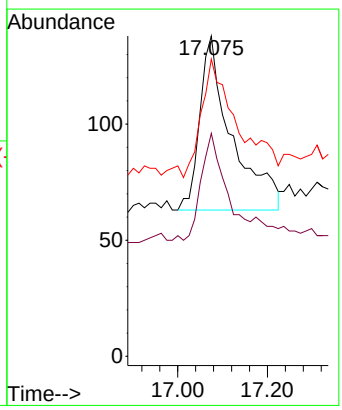


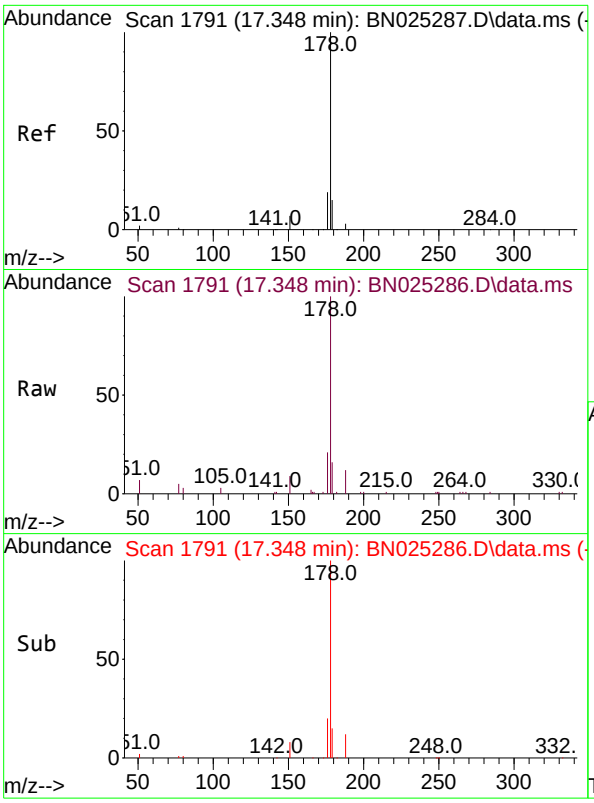


#24
Pentachlorophenol
Concen: 0.083 ng
RT: 17.075 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:266 Resp: 370

Ion	Ratio	Lower	Upper
266	100		
264	55.1	43.0	64.4
268	76.8	47.4	71.2#



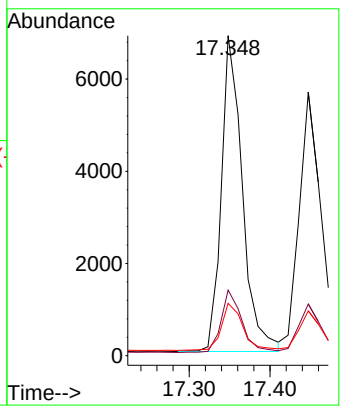


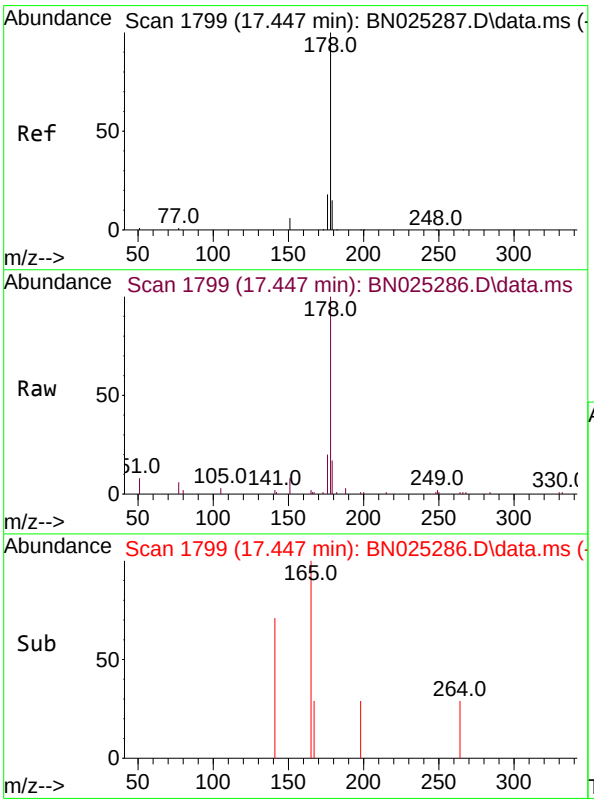
#25
Phenanthrene
Concen: 0.174 ng
RT: 17.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12411

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.2	12.4	18.6

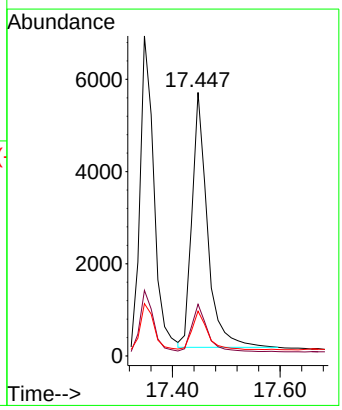


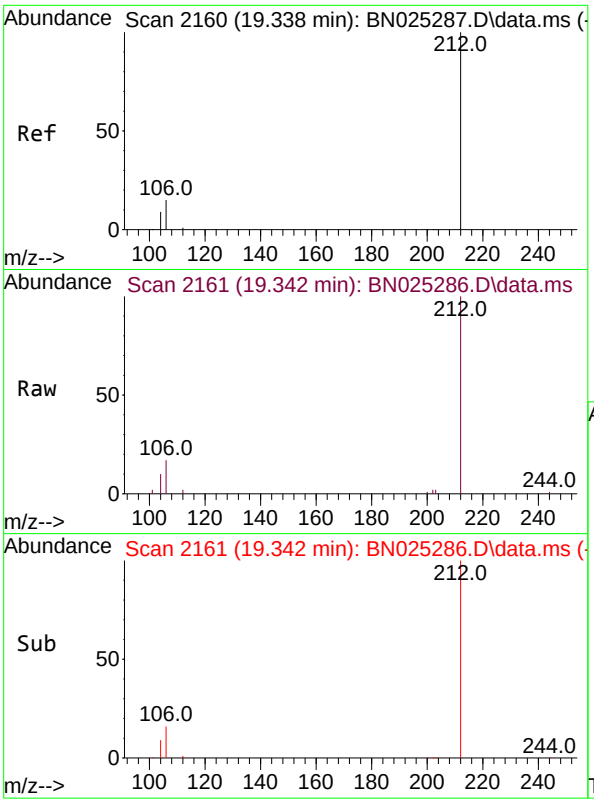


#26
Anthracene
Concen: 0.178 ng
RT: 17.447 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:178 Resp: 11037

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	14.9	12.0	18.0



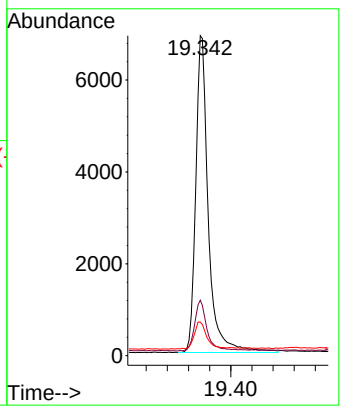


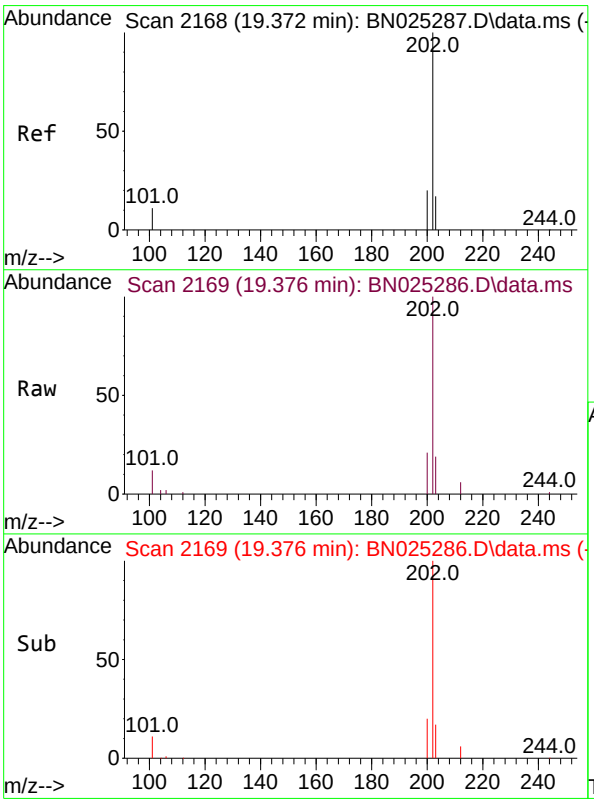
#27
Fluoranthene-d10
Concen: 0.205 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 11392

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.6	7.0	10.6

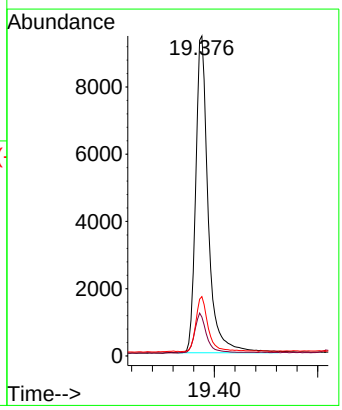


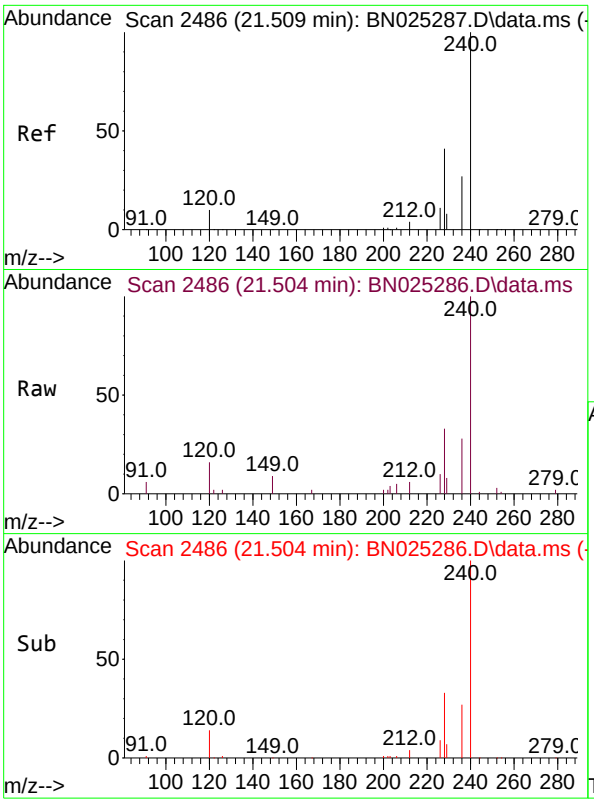


#28
Fluoranthene
Concen: 0.197 ng
RT: 19.376 min Scan# 2169
Delta R.T. 0.004 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:202 Resp: 15872

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
203	17.0	13.5	20.3



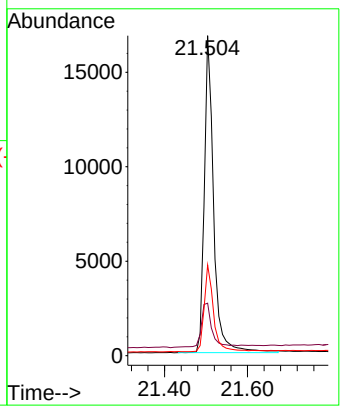


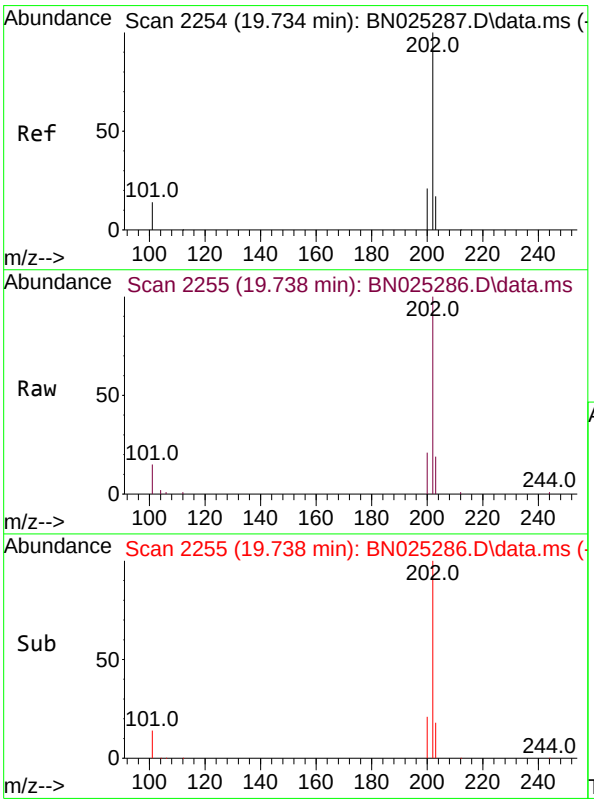
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 26323

Ion	Ratio	Lower	Upper
240	100		
120	16.4	10.3	15.5#
236	28.4	22.3	33.5

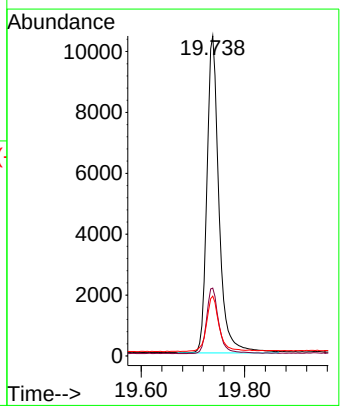


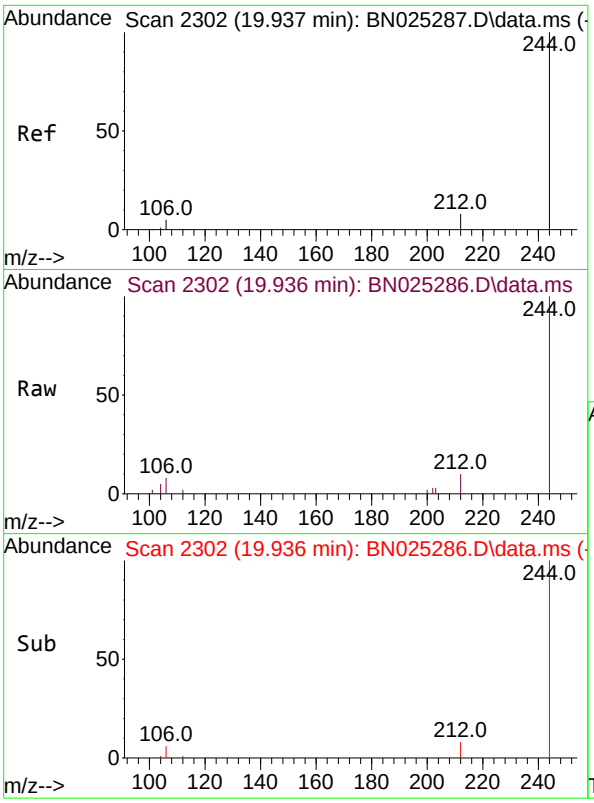


#30
Pyrene
Concen: 0.180 ng
RT: 19.738 min Scan# 2255
Delta R.T. 0.004 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:202 Resp: 16878

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.9	14.4	21.6



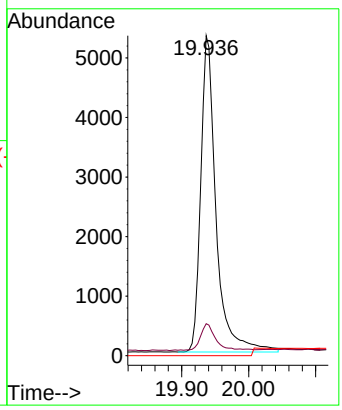


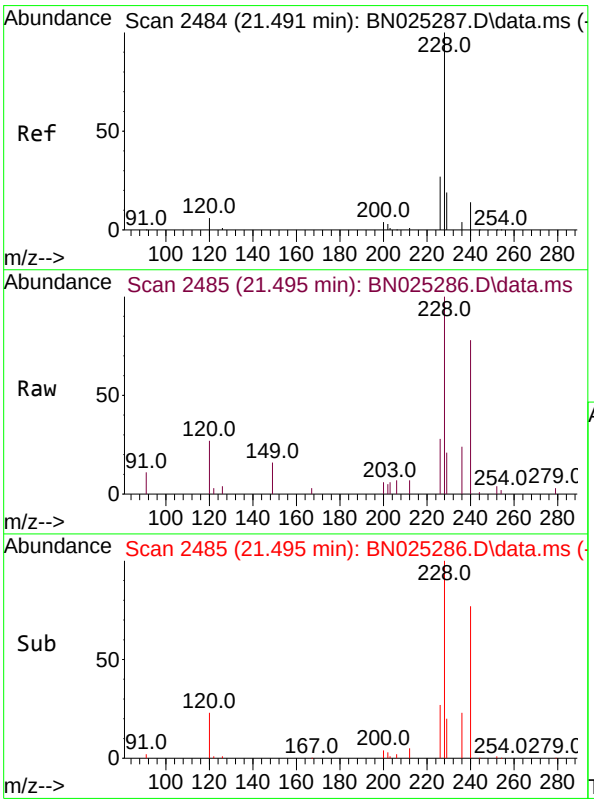
#31
Terphenyl-d14
Concen: 0.160 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 9555

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.1	10.7
122	0.0	0.0	0.0

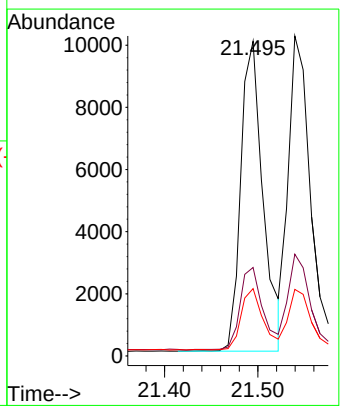


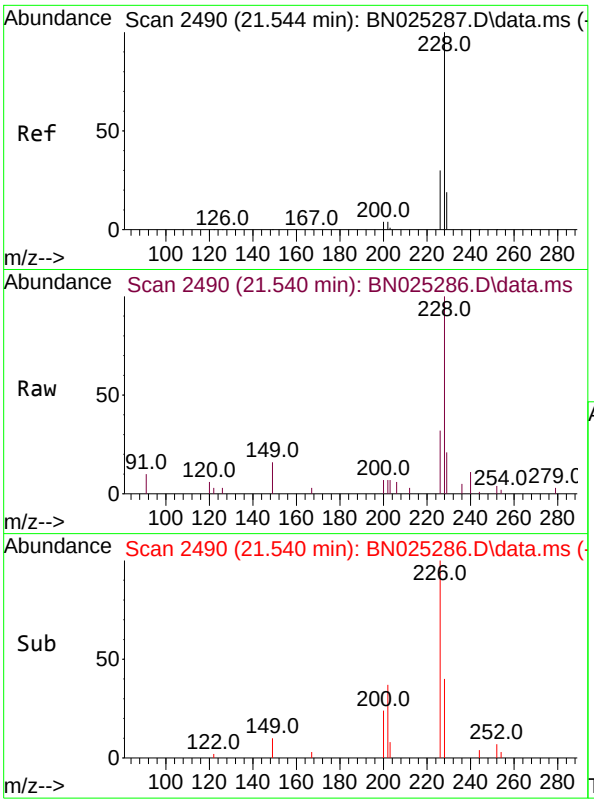


#32
Benzo(a)anthracene
Concen: 0.186 ng
RT: 21.495 min Scan# 2485
Delta R.T. 0.004 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:228 Resp: 16558

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	21.4	16.2	24.2



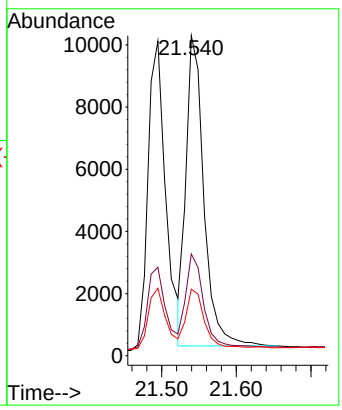


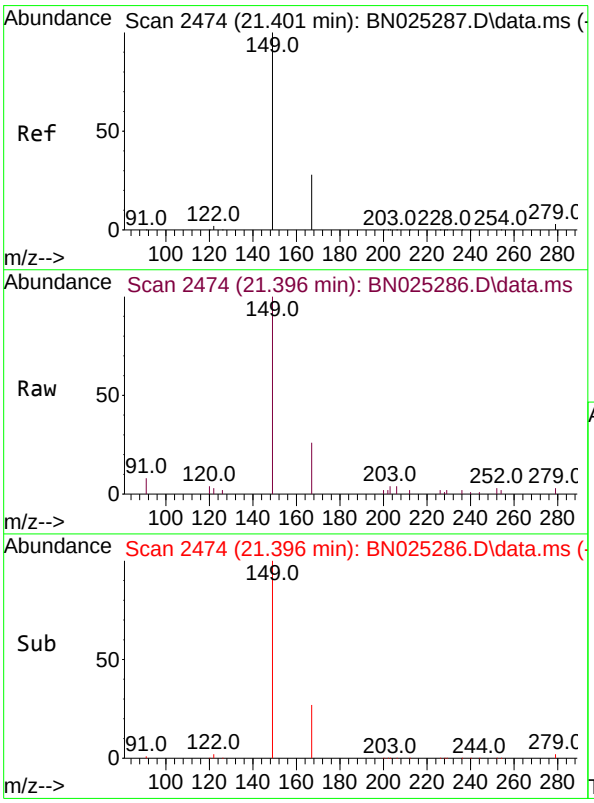
#33
Chrysene
Concen: 0.178 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16631

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	36.8
229	20.8	16.2	24.4

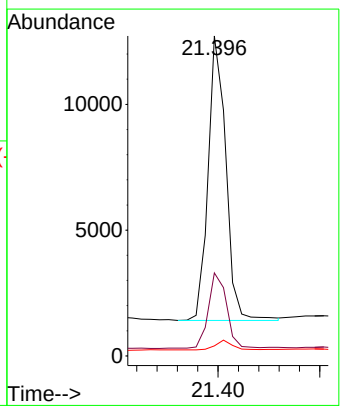


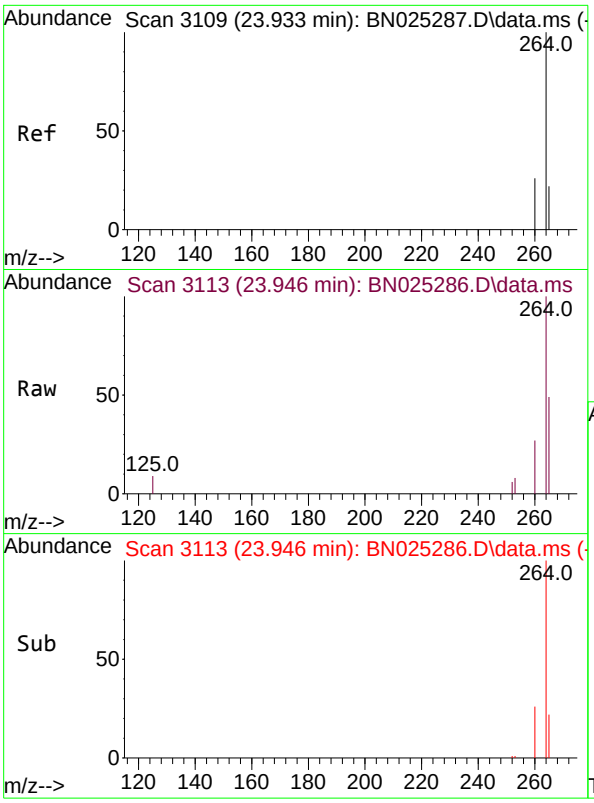


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.286 ng
RT: 21.396 min Scan# 2474
Delta R.T. -0.005 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:149 Resp: 13693

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	3.3	2.6	4.0



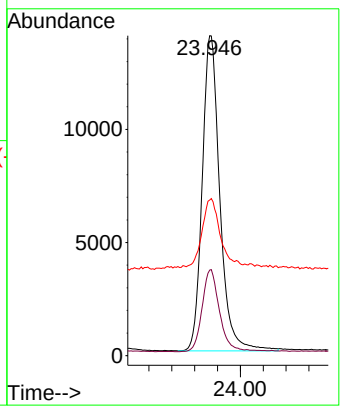


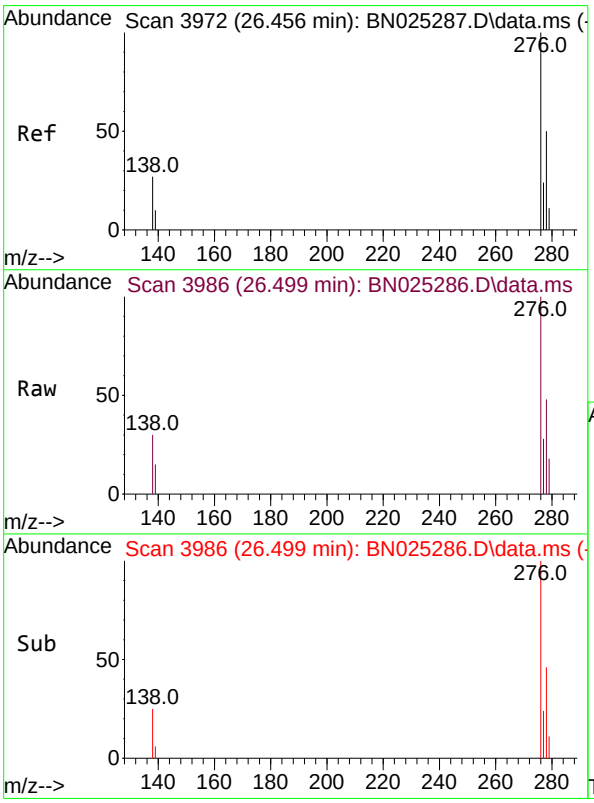
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.946 min Scan# 3
Delta R.T. 0.013 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 29752

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.5	32.3
265	48.6	46.2	69.4

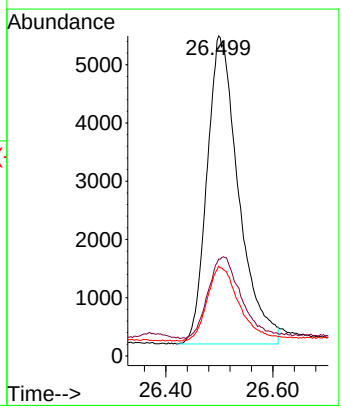


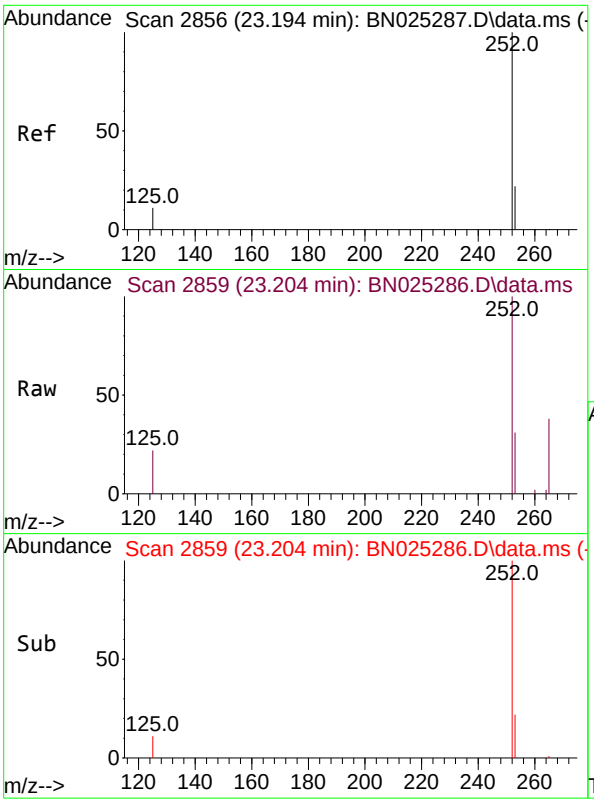


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng
RT: 26.499 min Scan# 3986
Delta R.T. 0.042 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:276 Resp: 21615

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.5	33.7
277	24.7	19.8	29.6



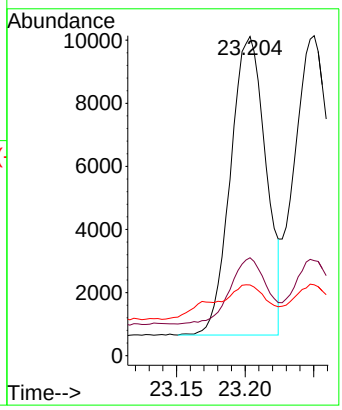


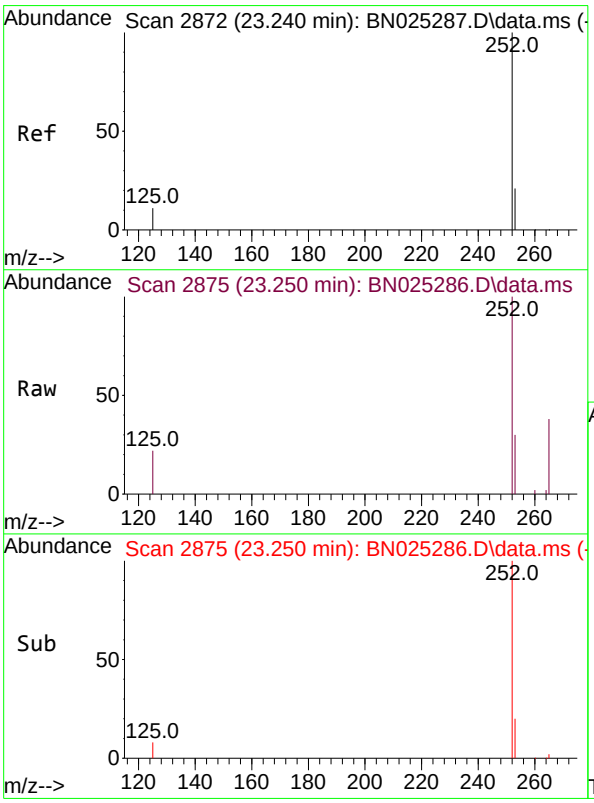
#37
Benzo(b)fluoranthene
Concen: 0.150 ng
RT: 23.204 min Scan# 2
Delta R.T. 0.010 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 16968

Ion	Ratio	Lower	Upper
252	100		
253	30.7	20.8	31.2
125	22.2	13.4	20.2#

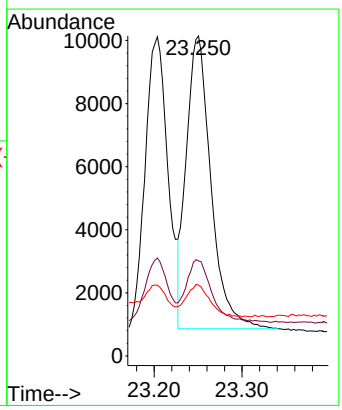


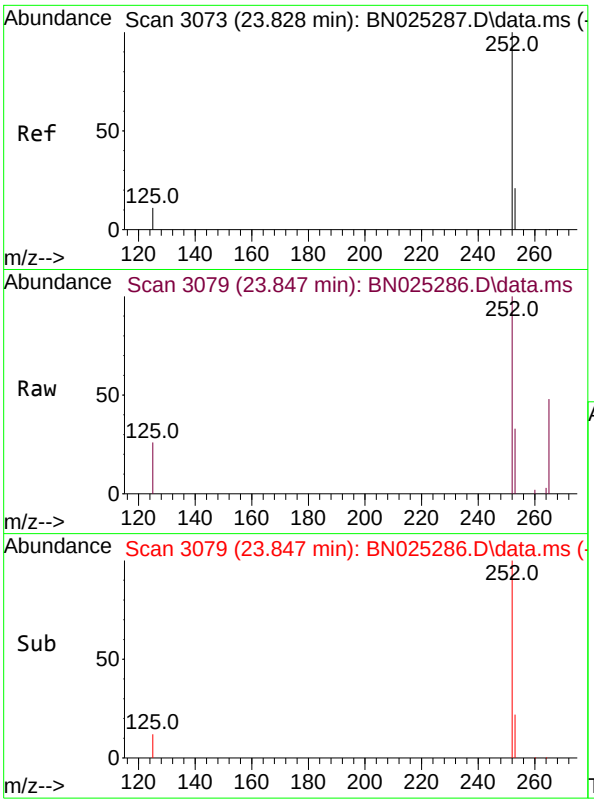


#38
Benzo(k)fluoranthene
Concen: 0.162 ng
RT: 23.250 min Scan# 2875
Delta R.T. 0.010 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:252 Resp: 18133

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.6	30.8
125	22.2	13.1	19.7#



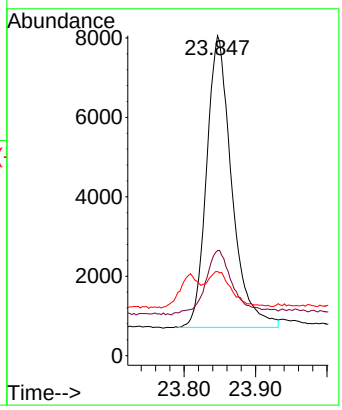


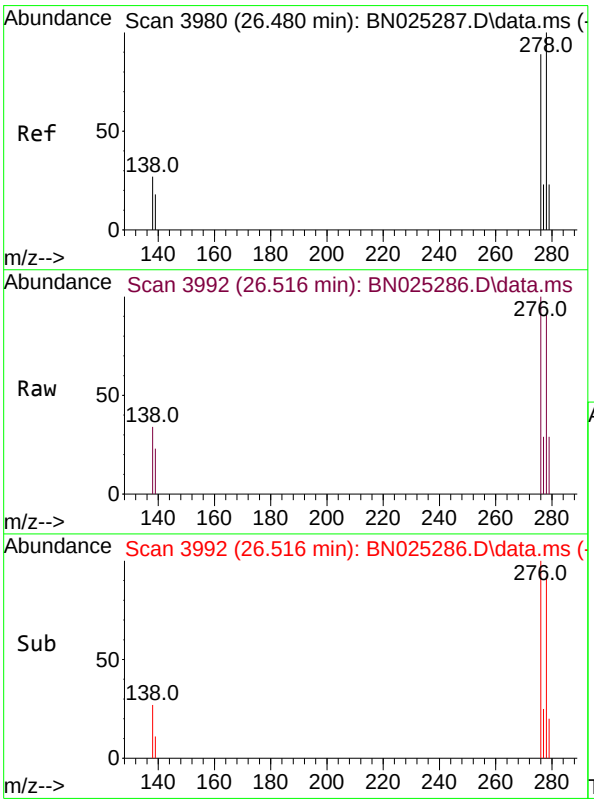
#39
Benzo(a)pyrene
Concen: 0.166 ng
RT: 23.847 min Scan# 3
Delta R.T. 0.019 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 17956

Ion	Ratio	Lower	Upper
252	100		
253	32.8	21.4	32.0#
125	26.3	15.4	23.2#

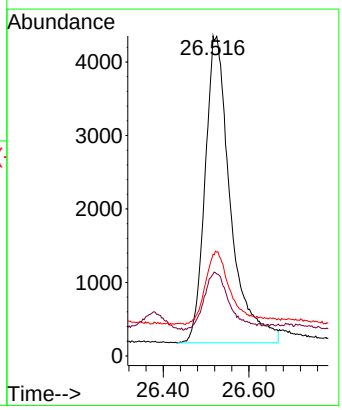


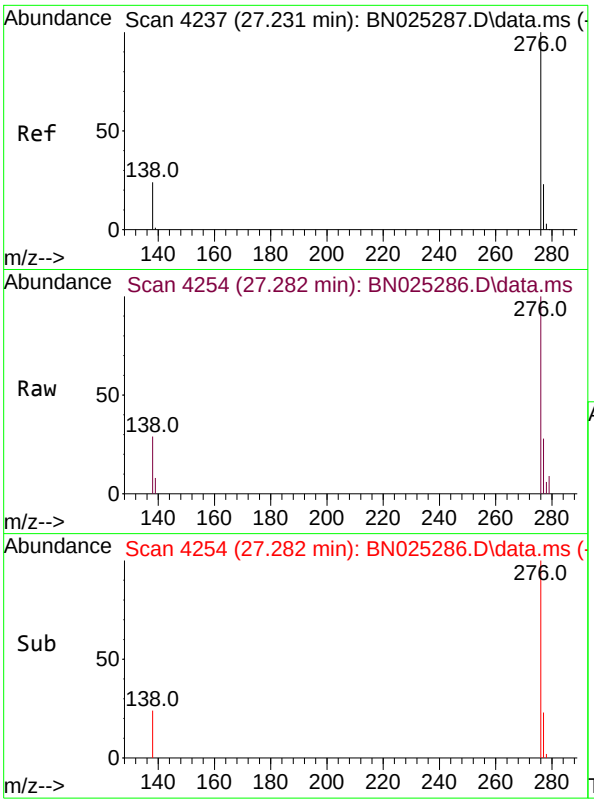


#40
Dibenzo(a,h)anthracene
Concen: 0.167 ng
RT: 26.516 min Scan# 3992
Delta R.T. 0.036 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Tgt Ion:278 Resp: 17141

Ion	Ratio	Lower	Upper
278	100		
139	25.6	17.6	26.4
279	31.8	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 0.174 ng
RT: 27.282 min Scan# 4
Delta R.T. 0.051 min
Lab File: BN025286.D
Acq: 05 May 2023 19:38

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 19355

Ion	Ratio	Lower	Upper
276	100		
277	27.8	20.1	30.1
138	29.4	21.0	31.6