Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025290.D
Acq On : 05 May 2023 22:01
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 08 02:06:30 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	7.911	152	5769	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	17401	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	11564	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	25566	0.400	ng		#-0.01
29) Chrysene-d12	21.500	240	27372	0.400	ng		0.00
35) Perylene-d12	23.927	264	29222	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	41600	3.123	ng		0.00
5) Phenol-d6	7.073	99	55427	3.299	ng		-0.01
8) Nitrobenzene-d5	9.073	82	46035	3.282	ng		-0.02
11) 2-Methylnaphthalene-d10	12.309	152	75165	3.262	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	20198	3.884	ng		-0.02
15) 2-Fluorobiphenyl	13.176	172	124939	2.829	ng		-0.01
27) Fluoranthene-d10	19.334	212	195743	3.376	ng		0.00
31) Terphenyl-d14	19.928	244	173282	2.793	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	17618	2.779	ng		93
3) n-Nitrosodimethylamine	3.650	42	29898	2.781	ng	#	98
6) bis(2-Chloroethyl)ether	7.333	93	49284	2.892	ng		99
9) Naphthalene	10.771	128	135426	3.022	ng		98
10) Hexachlorobutadiene	11.049	225	24781	2.903	ng	#	98
12) 2-Methylnaphthalene	12.381	142	99356	3.188	ng		98
16) Acenaphthylene	14.277	152	166054	3.416	ng		99
17) Acenaphthene	14.619	154	98973	3.010	ng		100
18) Fluorene	15.603	166	137514	3.046	ng		98
20) 4,6-Dinitro-2-methylph...	15.710	198	14983	4.404	ng	#	13
21) 4-Bromophenyl-phenylether	16.492	248	45360	3.012	ng	#	82
22) Hexachlorobenzene	16.616	284	47672	2.794	ng		99
23) Atrazine	16.765	200	39046	3.803	ng	#	92
25) Phenanthrene	17.348	178	219306	2.954	ng		100
26) Anthracene	17.435	178	216195	3.340	ng		100
28) Fluoranthene	19.367	202	270168	3.206	ng		99
30) Pyrene	19.730	202	282034	2.899	ng		100
32) Benzo(a)anthracene	21.482	228	279828	3.024	ng		99
33) Chrysene	21.535	228	277409	2.862	ng		99
34) Bis(2-ethylhexyl)phtha...	21.392	149	202156	4.066	ng		99
36) Indeno(1,2,3-cd)pyrene	26.439	276	365267	2.851	ng		100
37) Benzo(b)fluoranthene	23.182	252	294018	2.653	ng	#	91
38) Benzo(k)fluoranthene	23.232	252	297022	2.704	ng	#	91
39) Benzo(a)pyrene	23.816	252	293964	2.773	ng	#	89
40) Dibenzo(a,h)anthracene	26.456	278	293275	2.909	ng		94
41) Benzo(g,h,i)perylene	27.217	276	310295	2.840	ng		97

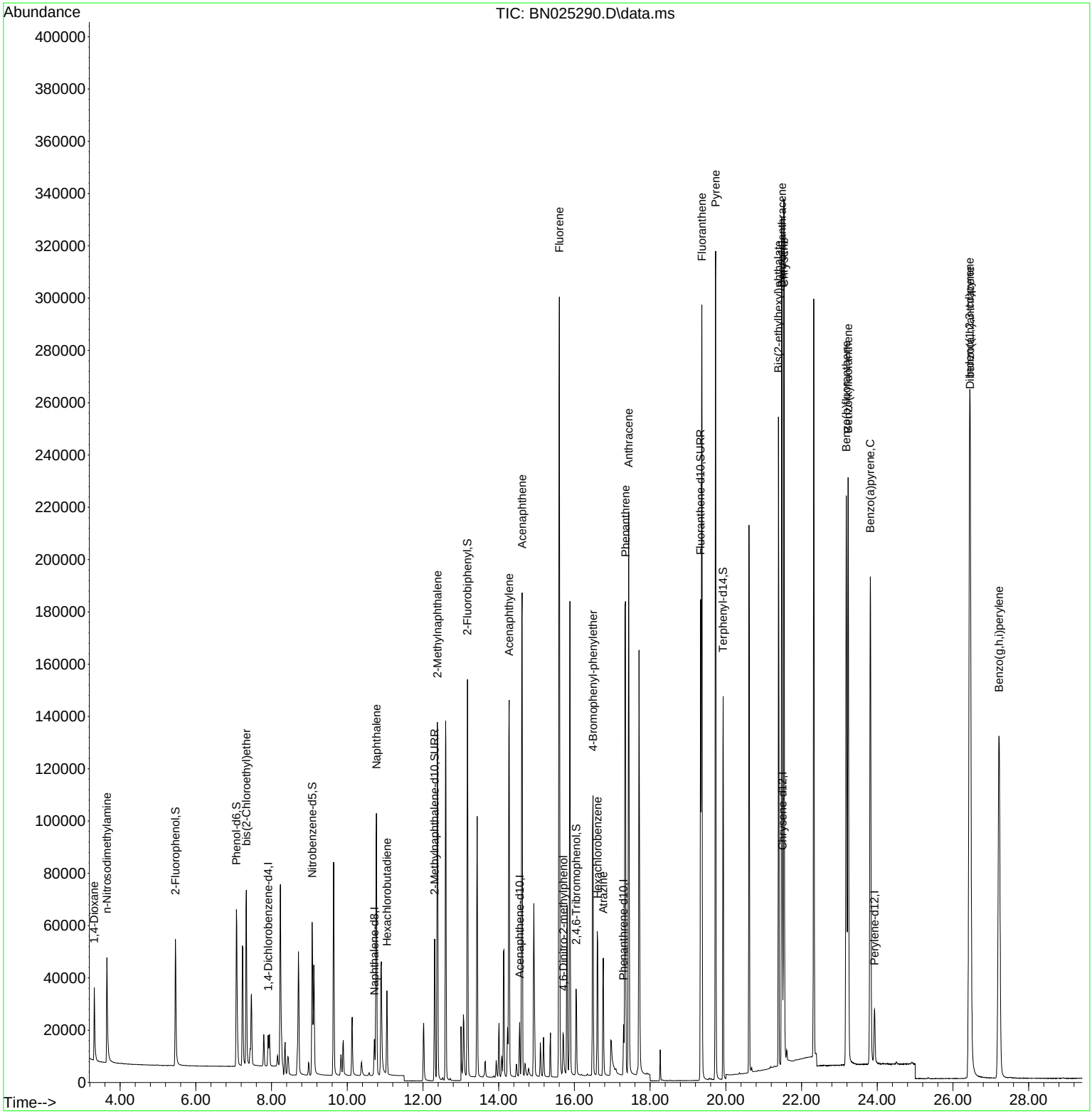
(#) = qualifier out of range (m) = manual integration (+) = signals summed

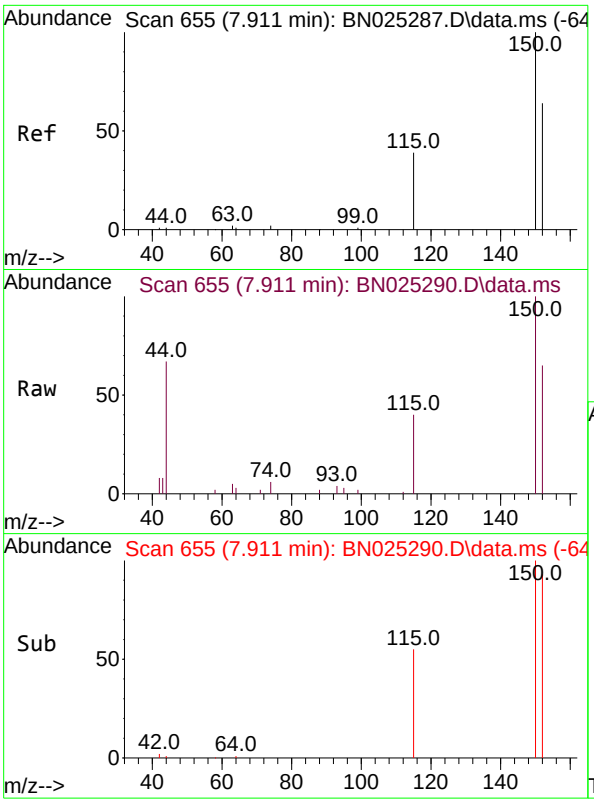
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025290.D
Acq On : 05 May 2023 22:01
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 08 02:06:30 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



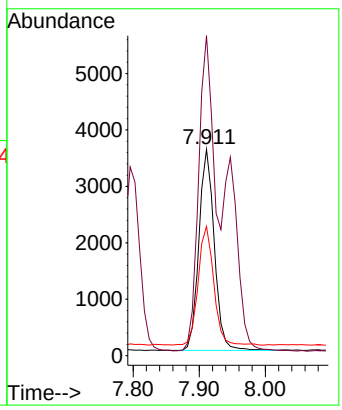


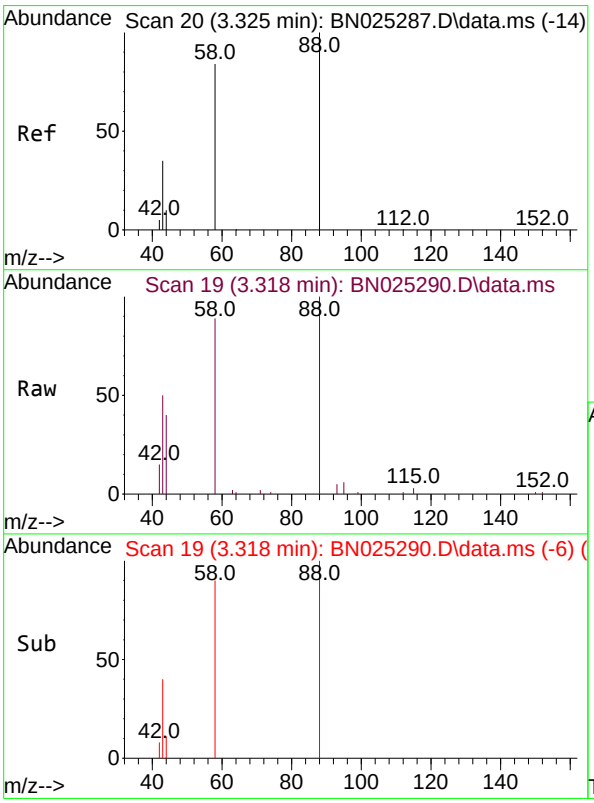
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 5769

Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.8
115	62.6	52.9	79.3

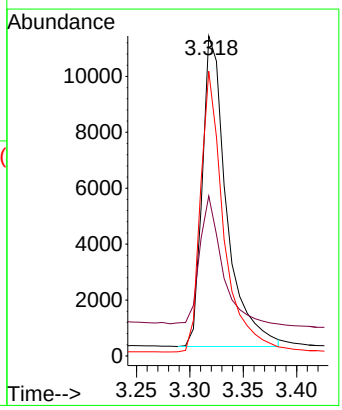


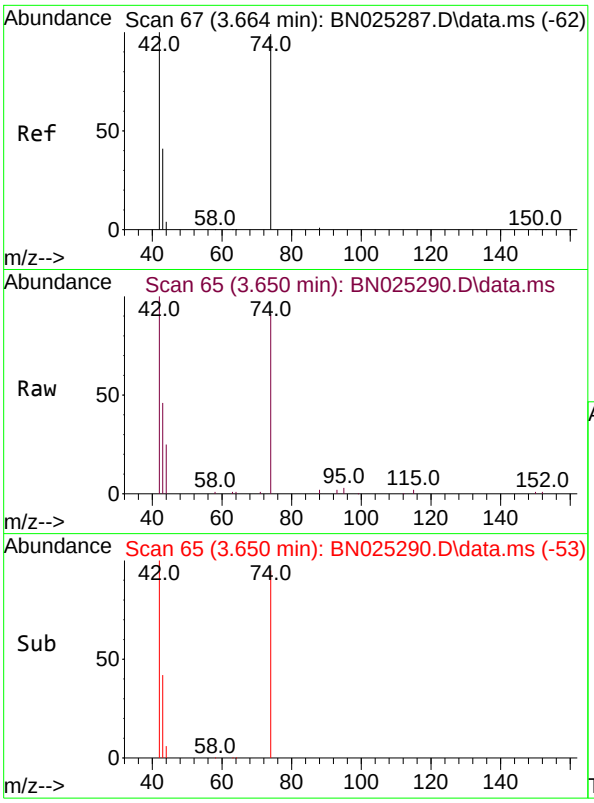


#2
1,4-Dioxane
Concen: 2.779 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion: 88 Resp: 17618

Ion	Ratio	Lower	Upper
88	100		
43	37.5	37.2	55.8
58	86.2	71.5	107.3



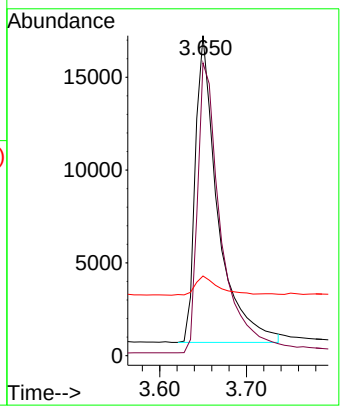


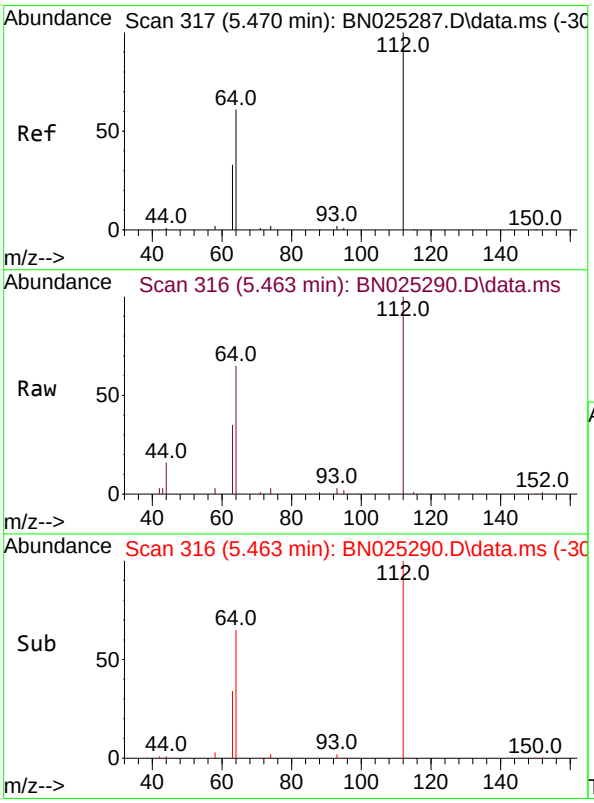
#3
n-Nitrosodimethylamine
Concen: 2.781 ng
RT: 3.650 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 29898

Ion	Ratio	Lower	Upper
42	100		
74	98.1	79.9	119.9
44	6.4	7.0	10.6#

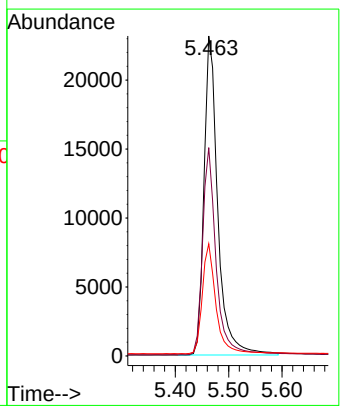


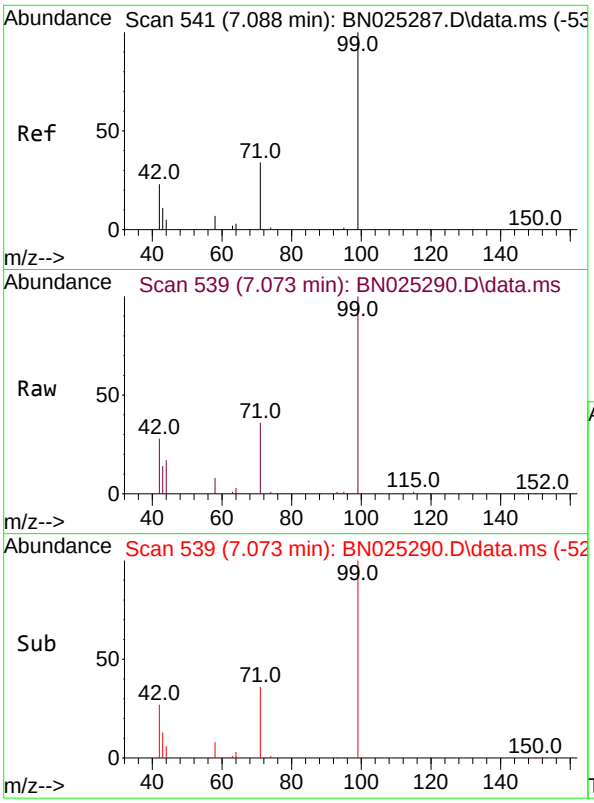


#4
2-Fluorophenol
Concen: 3.123 ng
RT: 5.463 min Scan# 316
Delta R.T. -0.007 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:112 Resp: 41600

Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.5	77.3
63	34.0	27.8	41.6



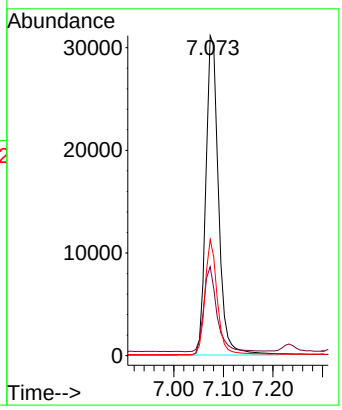


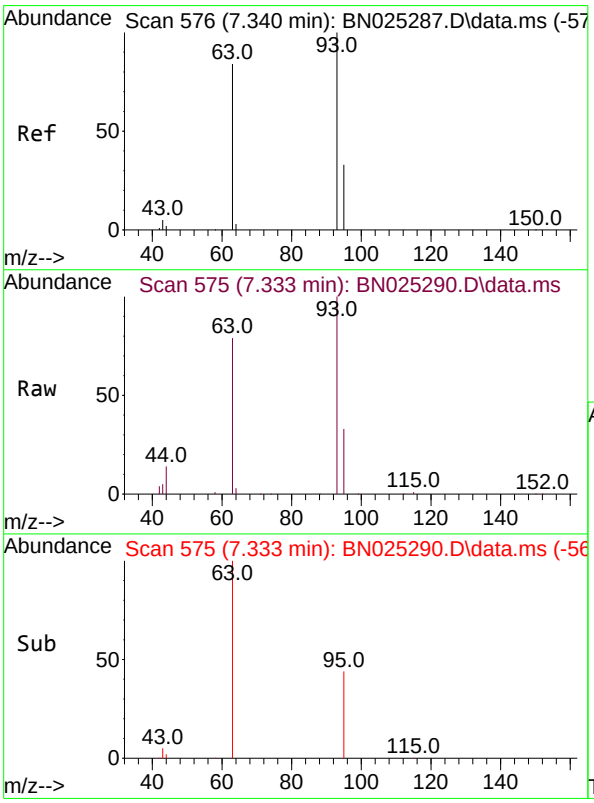
#5
Phenol-d6
Concen: 3.299 ng
RT: 7.073 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 55427

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.0	33.0
71	34.7	28.7	43.1

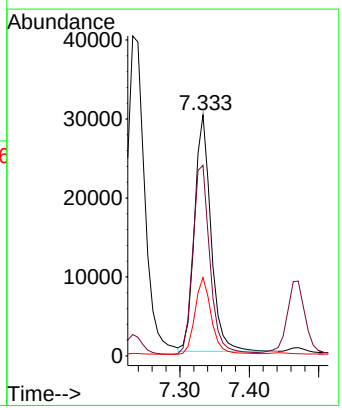


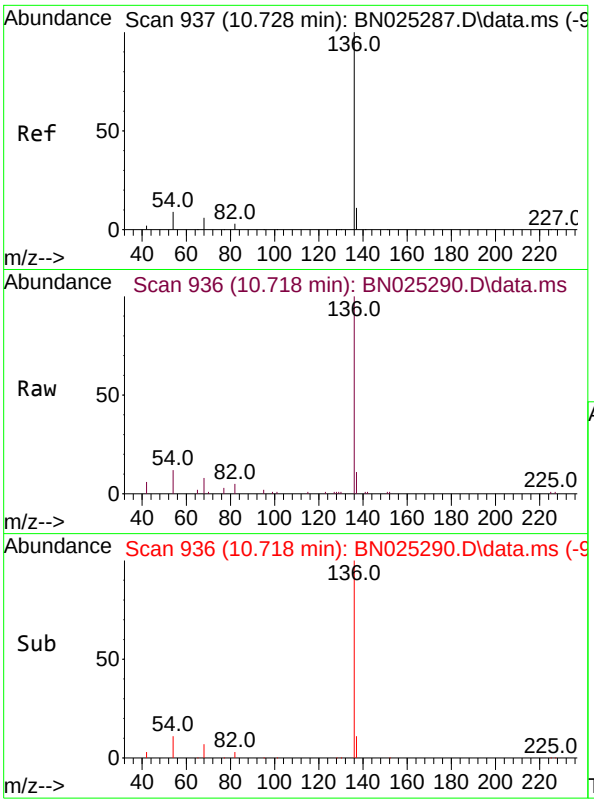


#6
bis(2-Chloroethyl)ether
Concen: 2.892 ng
RT: 7.333 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion: 93 Resp: 49284

Ion	Ratio	Lower	Upper
93	100		
63	83.9	67.8	101.6
95	32.5	26.7	40.1



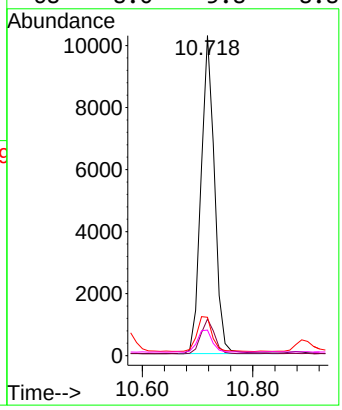


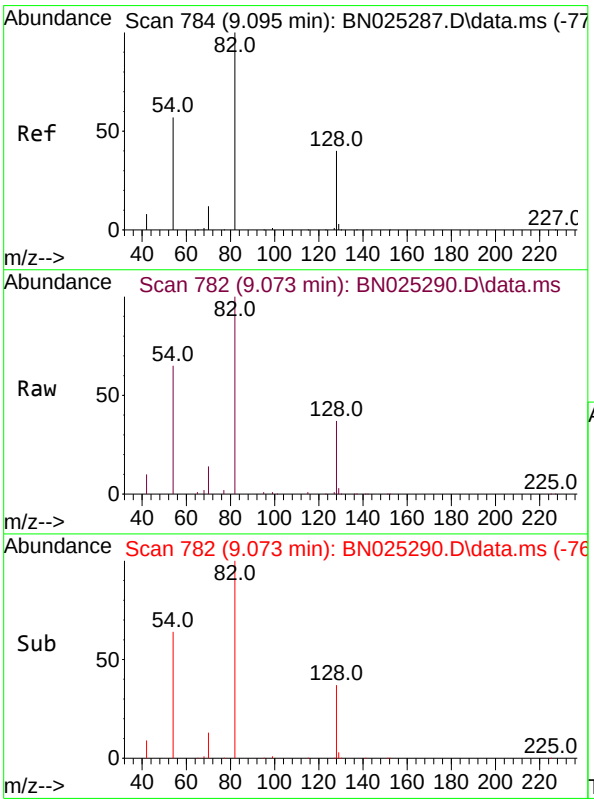
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 17401

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	12.0	8.5	12.7
68	8.0	5.8	8.8

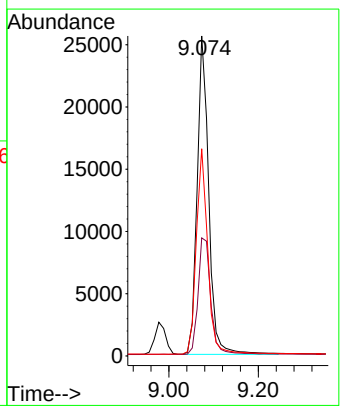


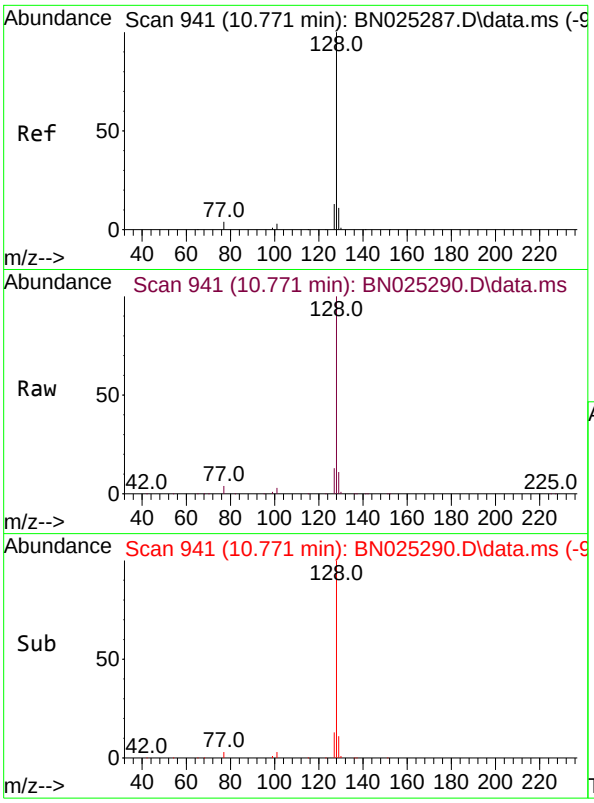


#8
Nitrobenzene-d5
Concen: 3.282 ng
RT: 9.073 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion: 82 Resp: 46035

Ion	Ratio	Lower	Upper
82	100		
128	36.9	35.3	52.9
54	64.8	48.7	73.1



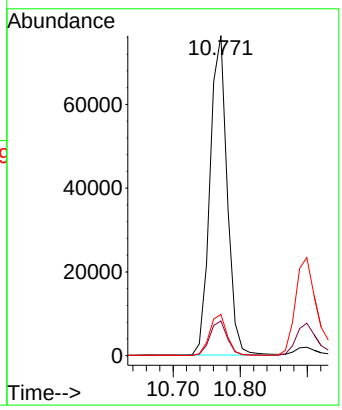


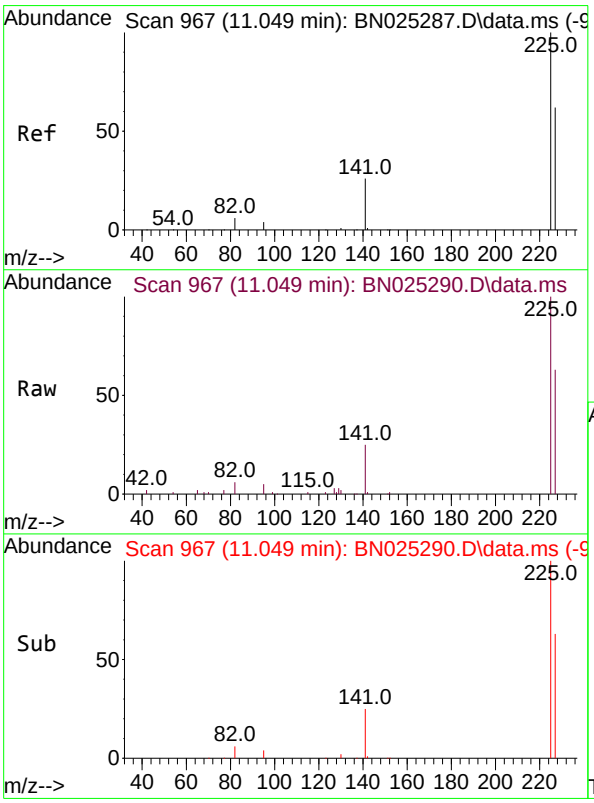
#9
Naphthalene
Concen: 3.022 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 135426

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	12.9	11.0	16.6

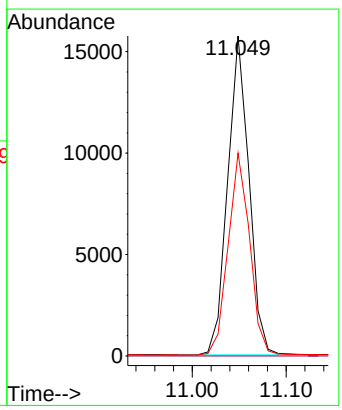


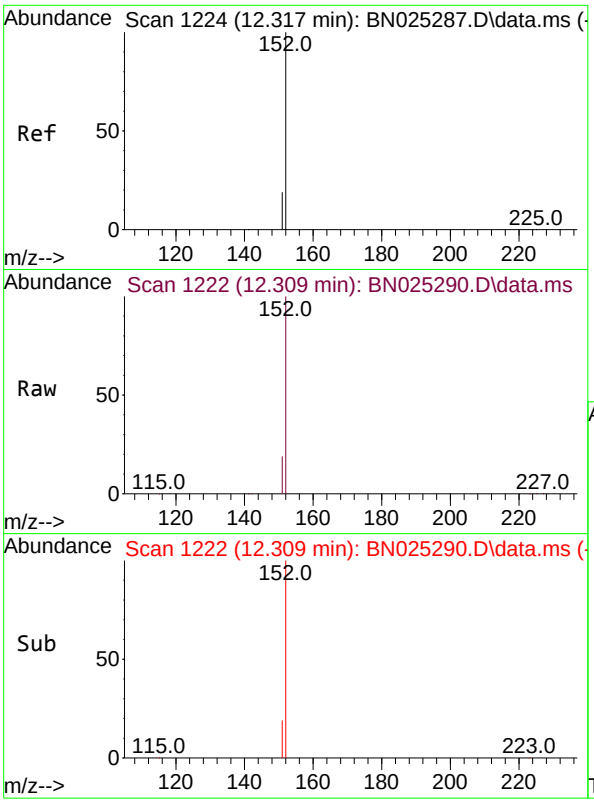


#10
Hexachlorobutadiene
Concen: 2.903 ng
RT: 11.049 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:225 Resp: 24781

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	49.8	74.8



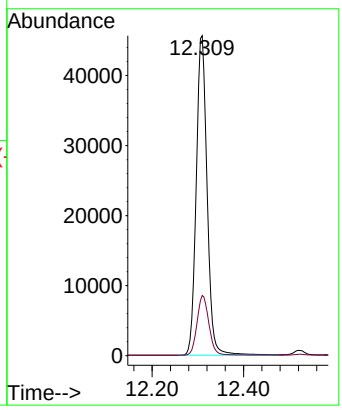


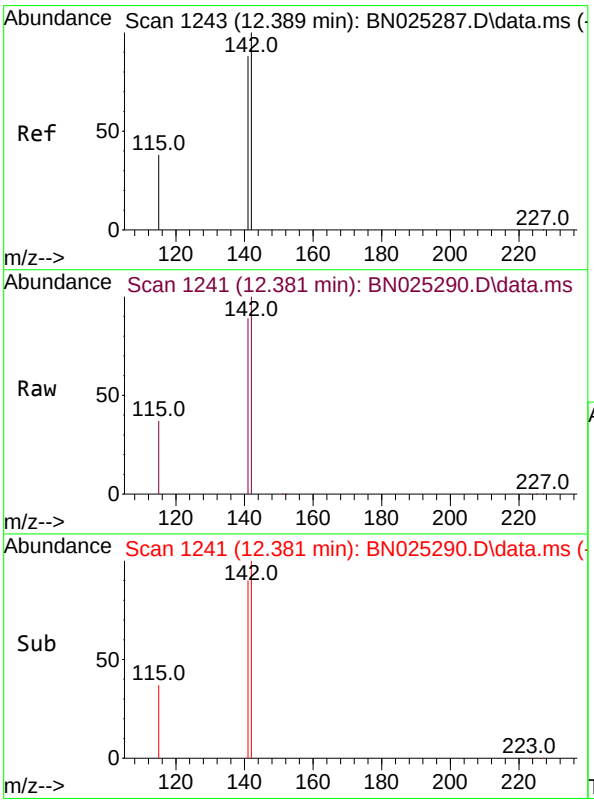
#11
2-Methylnaphthalene-d10
Concen: 3.262 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 75165

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

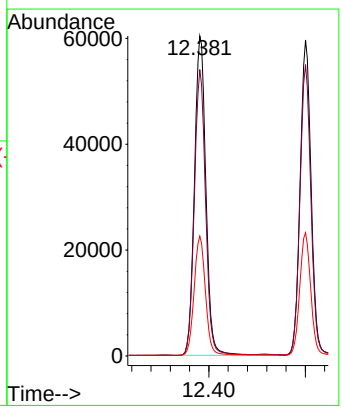


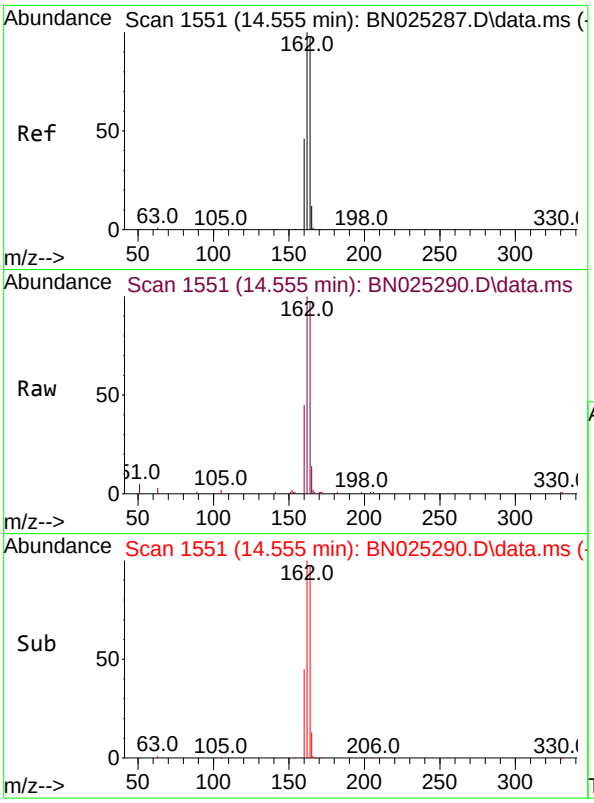


#12
2-Methylnaphthalene
Concen: 3.188 ng
RT: 12.381 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:142 Resp: 99356

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.5	105.7
115	37.4	31.6	47.4



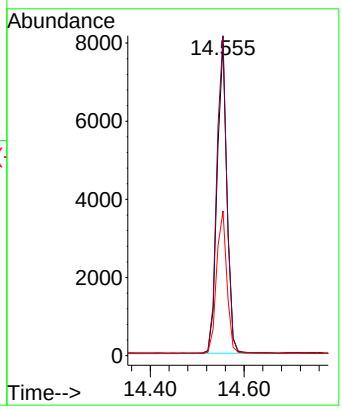


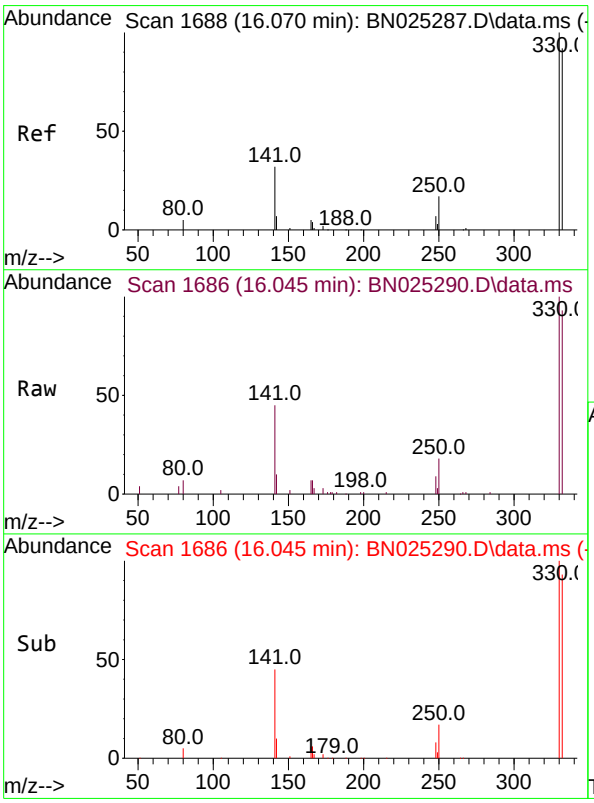
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 11564

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	46.4	38.3	57.5

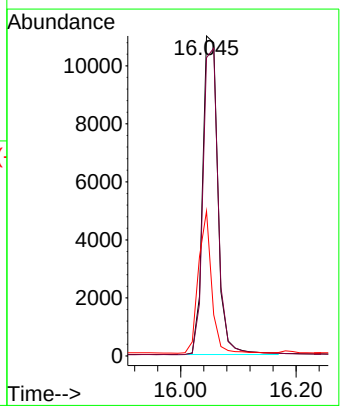


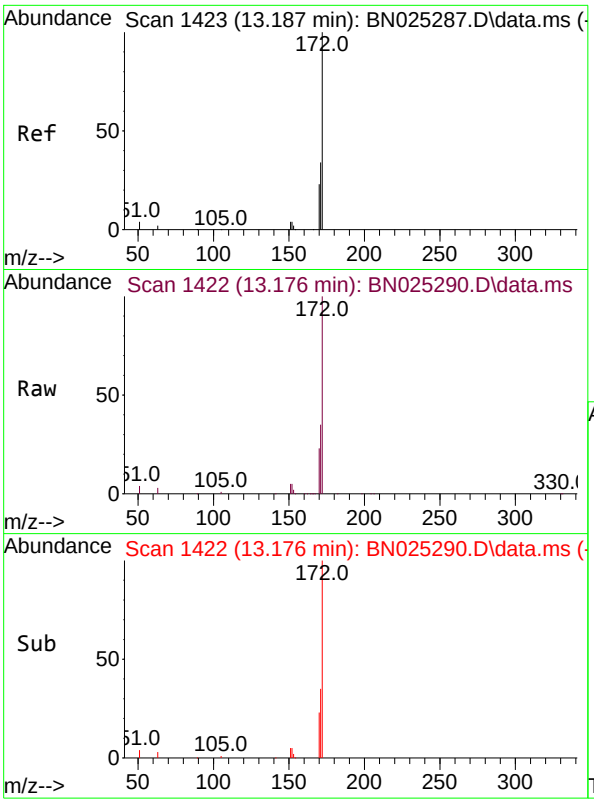


#14
2,4,6-Tribromophenol
Concen: 3.884 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.025 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:330 Resp: 20198

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	38.5	28.9	43.3



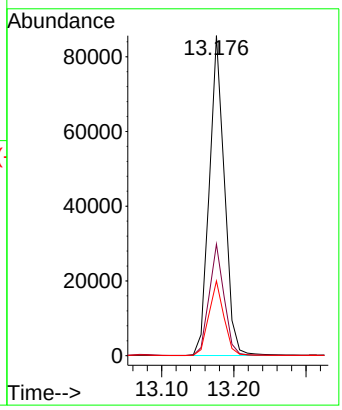


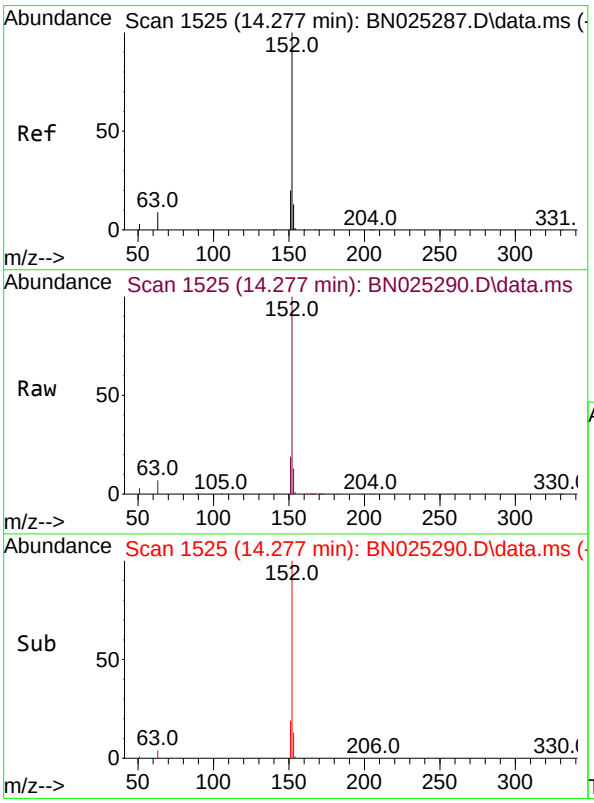
#15
2-Fluorobiphenyl
Concen: 2.829 ng
RT: 13.176 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 124939

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.9	41.9
170	23.3	19.0	28.4

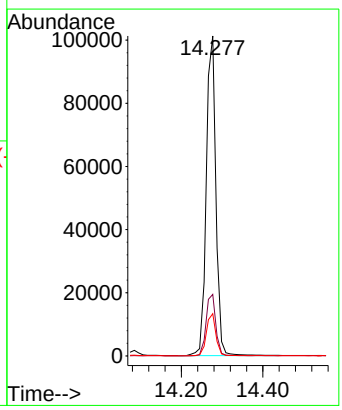


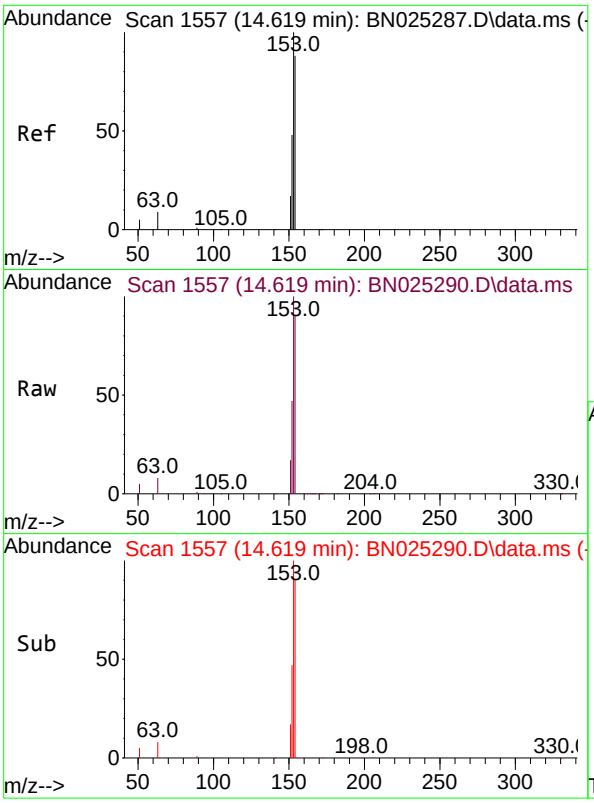


#16
Acenaphthylene
Concen: 3.416 ng
RT: 14.277 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:152 Resp: 166054

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.0	10.3	15.5



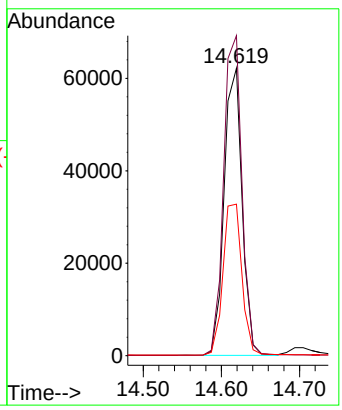


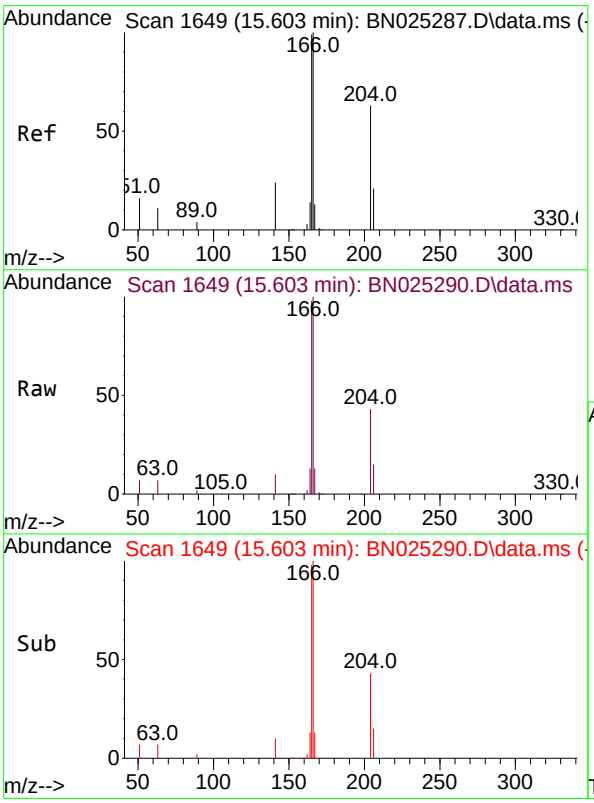
#17
Acenaphthene
Concen: 3.010 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 98973

Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.3	136.9
152	55.9	44.7	67.1

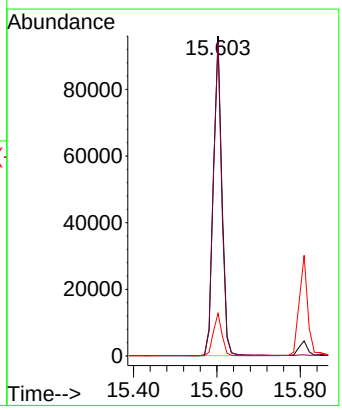


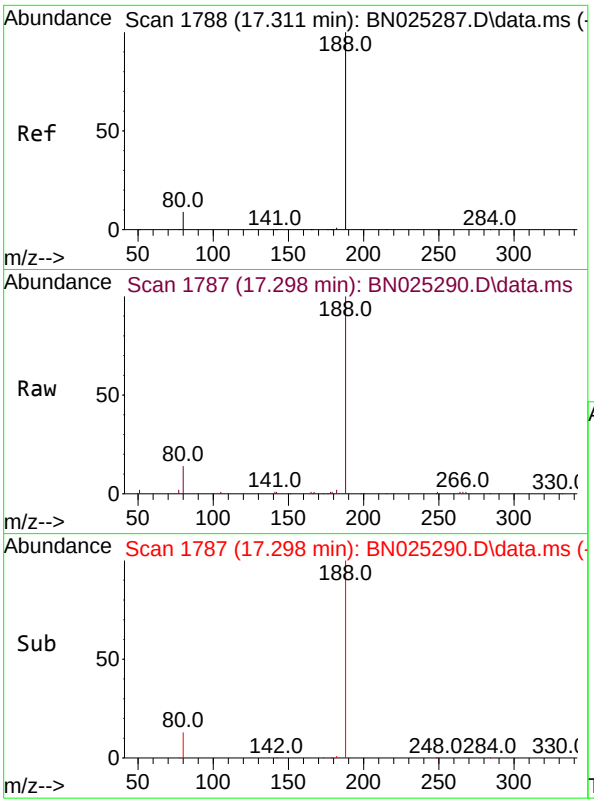


#18
Fluorene
Concen: 3.046 ng
RT: 15.603 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:166 Resp: 137514

Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.0	118.4
167	13.1	10.3	15.5



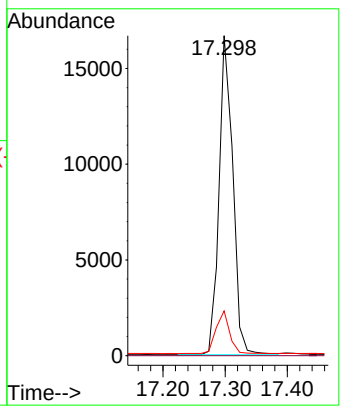


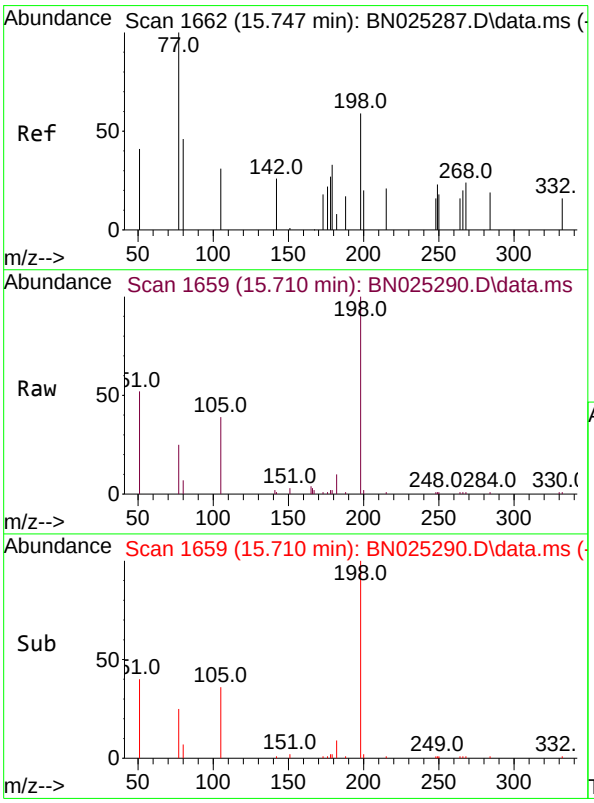
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 25566

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	8.0	12.0#

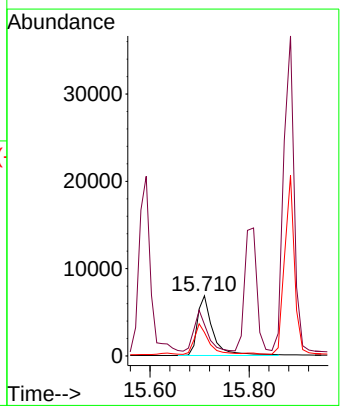


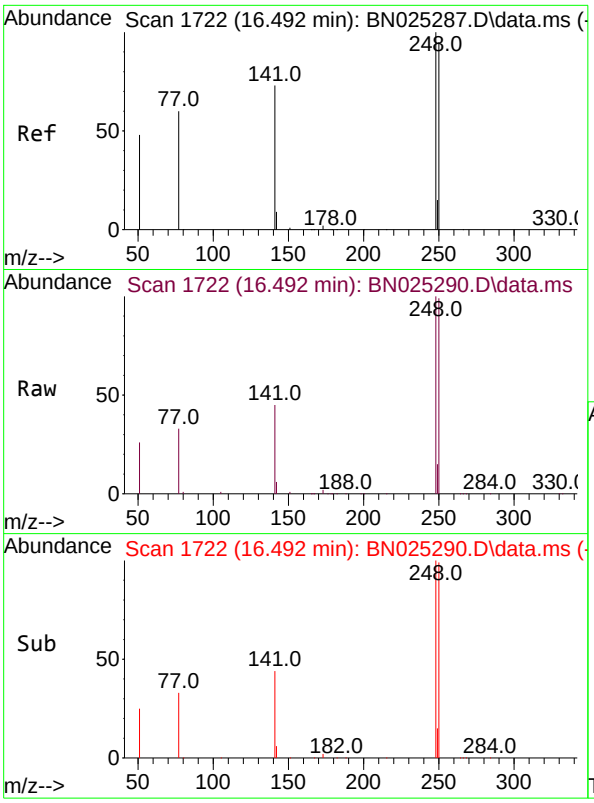


#20
4,6-Dinitro-2-methylphenol
Concen: 4.404 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.037 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:198 Resp: 14983

Ion	Ratio	Lower	Upper
198	100		
51	52.4	162.1	243.1#
105	39.1	83.1	124.7#



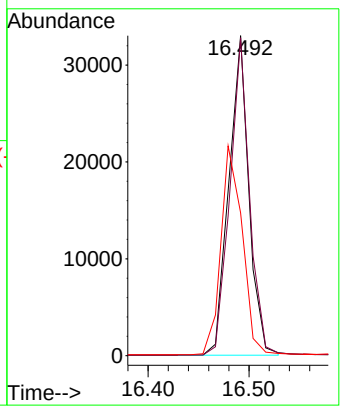


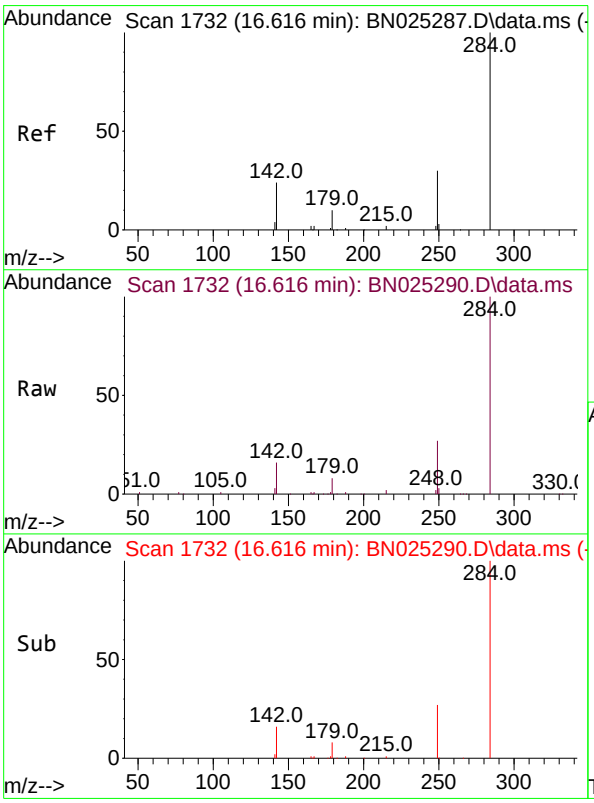
#21
4-Bromophenyl-phenylether
Concen: 3.012 ng
RT: 16.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 45360

Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.0	114.0
141	44.6	59.9	89.9#

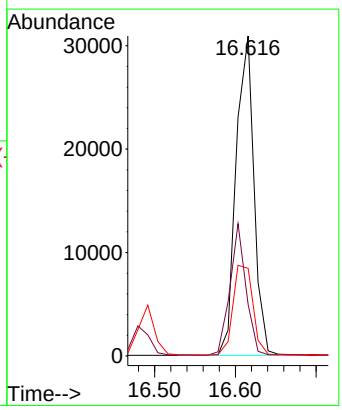


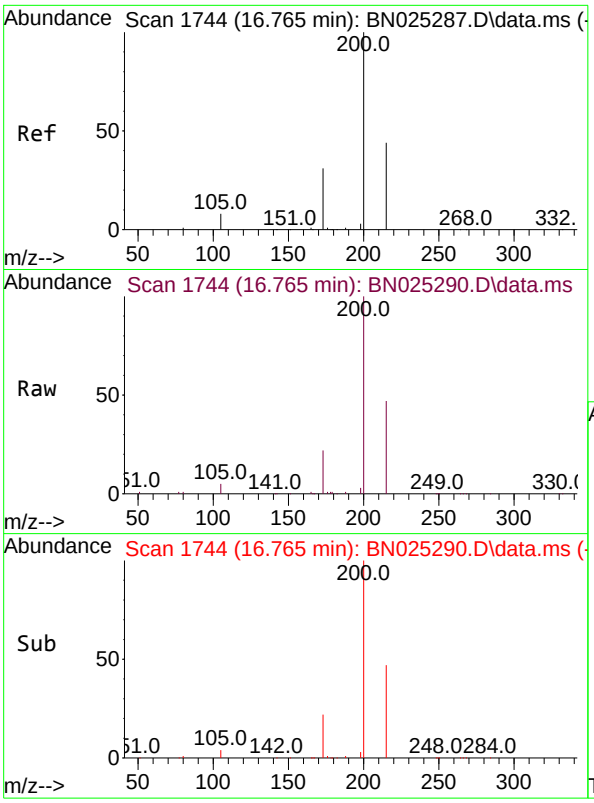


#22
Hexachlorobenzene
Concen: 2.794 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:284 Resp: 47672

Ion	Ratio	Lower	Upper
284	100		
142	36.8	30.0	45.0
249	31.1	25.0	37.6



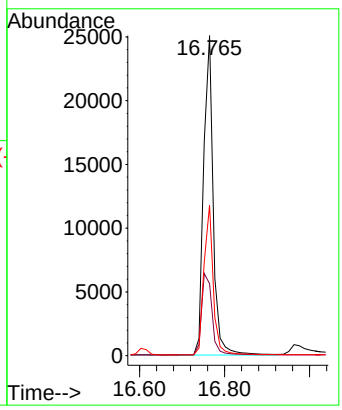


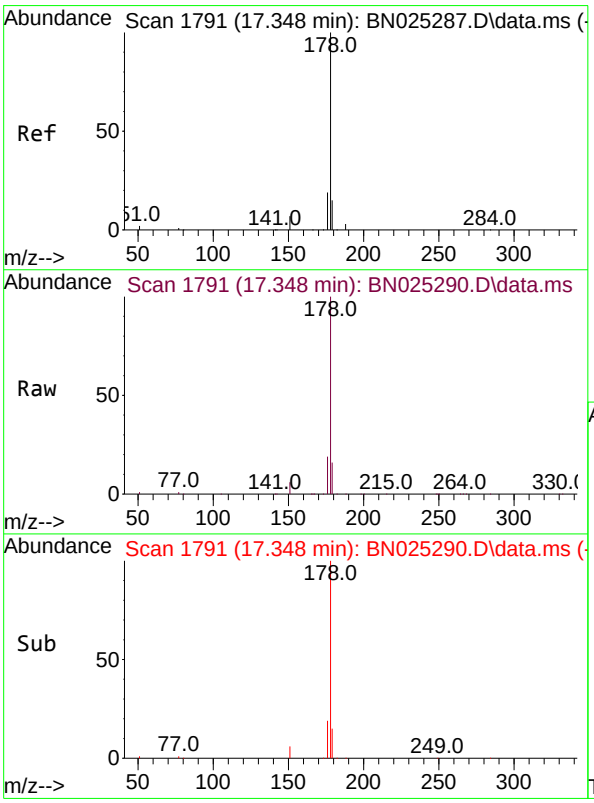
#23
Atrazine
Concen: 3.803 ng
RT: 16.765 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:200 Resp: 39046

Ion	Ratio	Lower	Upper
200	100		
173	22.5	26.3	39.5#
215	47.1	37.2	55.8

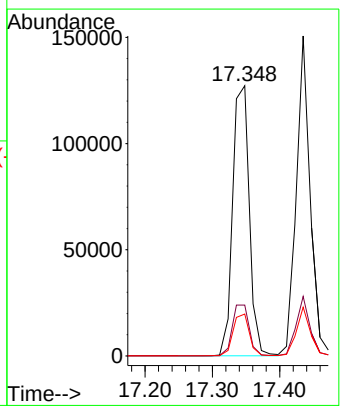


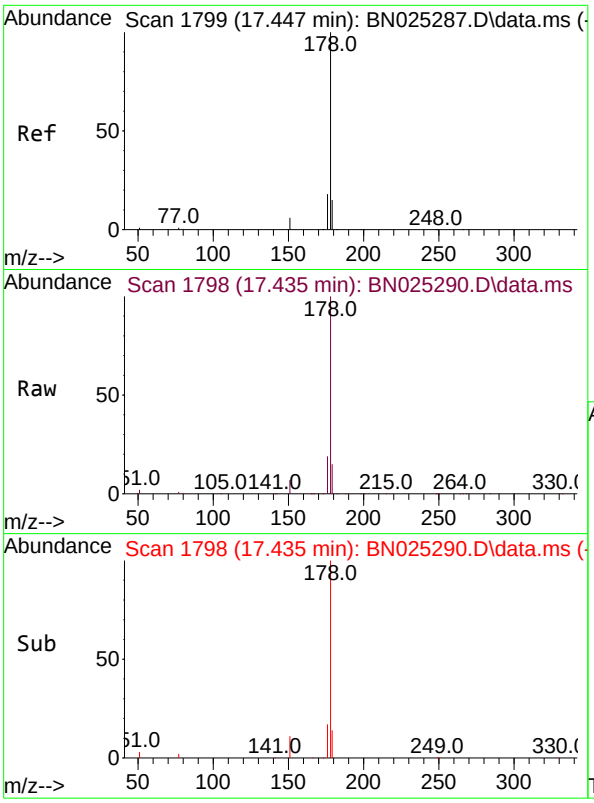


#25
Phenanthrene
Concen: 2.954 ng
RT: 17.348 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:178 Resp: 219306

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.2	12.4	18.6



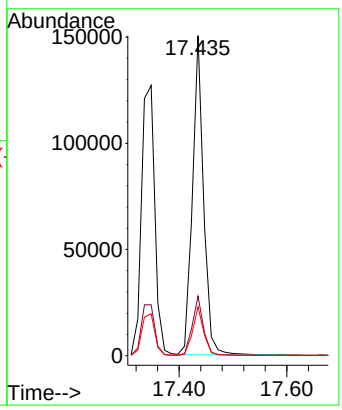


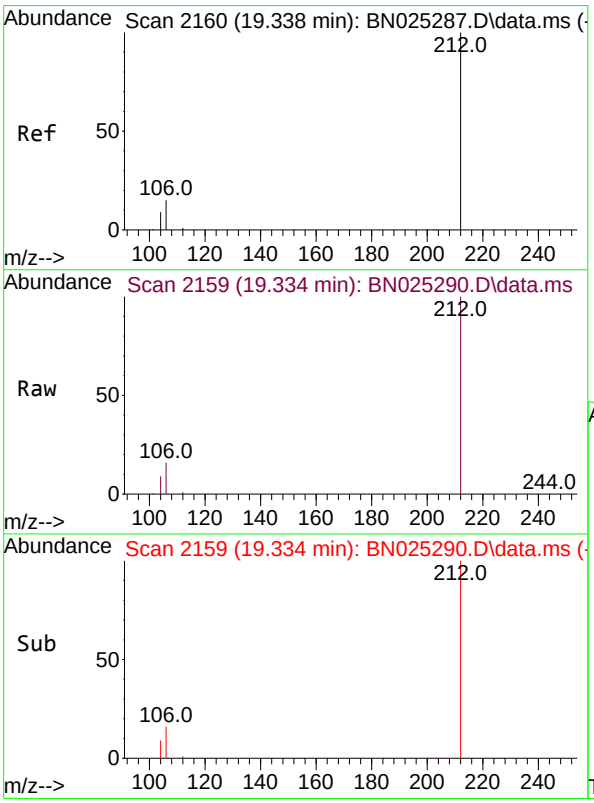
#26
Anthracene
Concen: 3.340 ng
RT: 17.435 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 216195

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.1	12.0	18.0

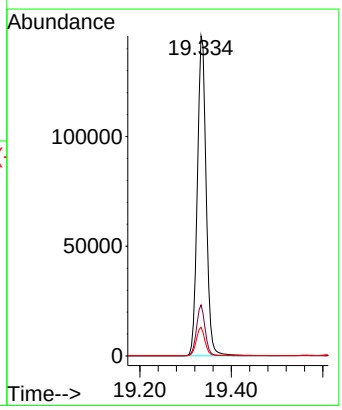


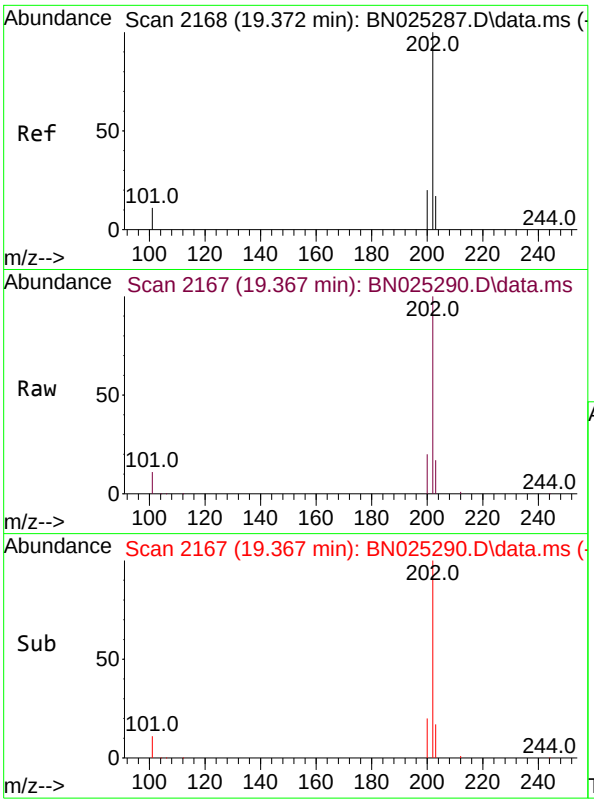


#27
Fluoranthene-d10
Concen: 3.376 ng
RT: 19.334 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:212 Resp: 195743

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.8	7.0	10.6



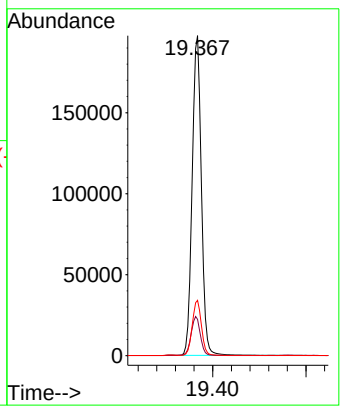


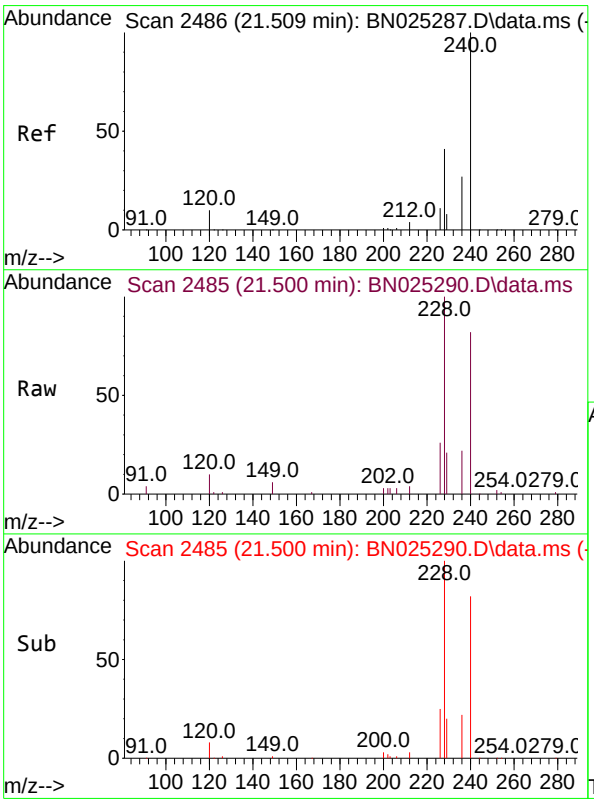
#28
Fluoranthene
Concen: 3.206 ng
RT: 19.367 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 270168

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.2	13.5	20.3

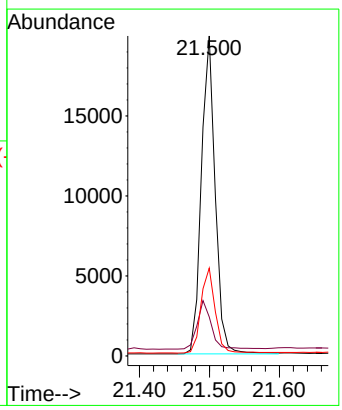


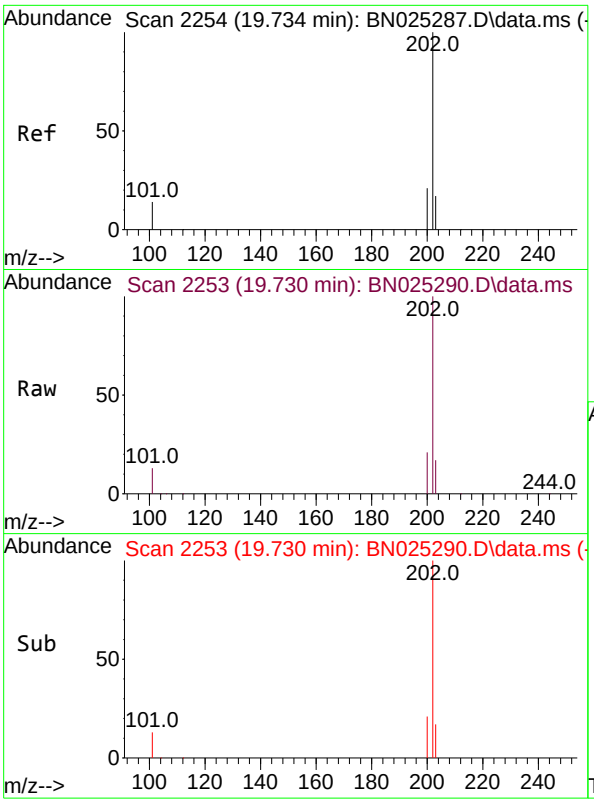


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.500 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:240 Resp: 27372

Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.3	15.5
236	27.5	22.3	33.5



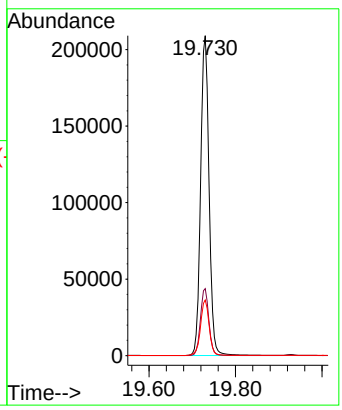


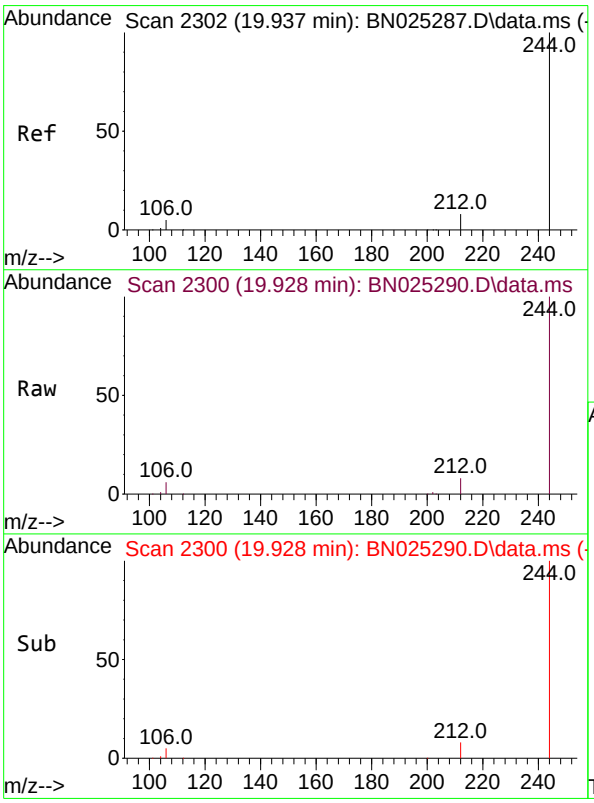
#30
Pyrene
Concen: 2.899 ng
RT: 19.730 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 282034

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.8	14.4	21.6

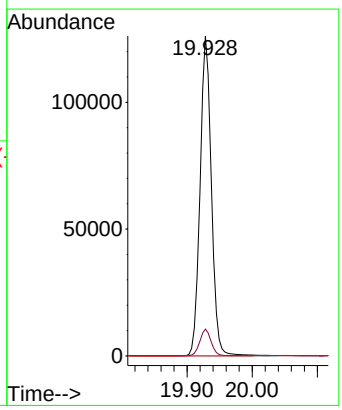


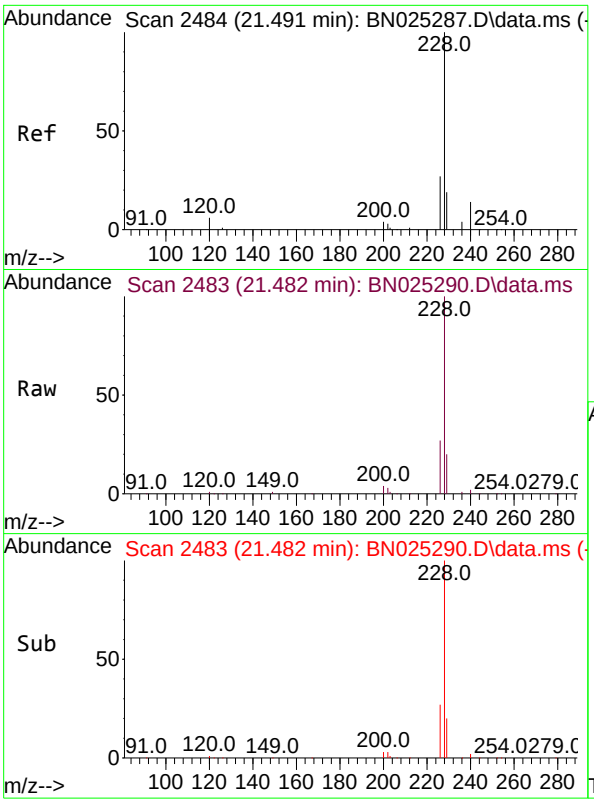


#31
Terphenyl-d14
Concen: 2.793 ng
RT: 19.928 min Scan# 2300
Delta R.T. -0.008 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:244 Resp: 173282

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.1	10.7
122	0.0	0.0	0.0



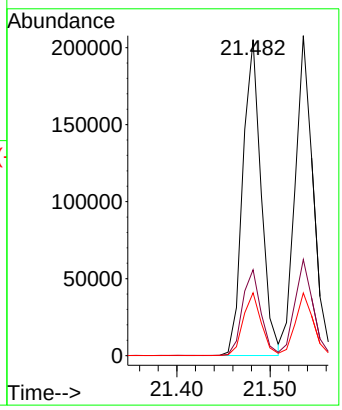


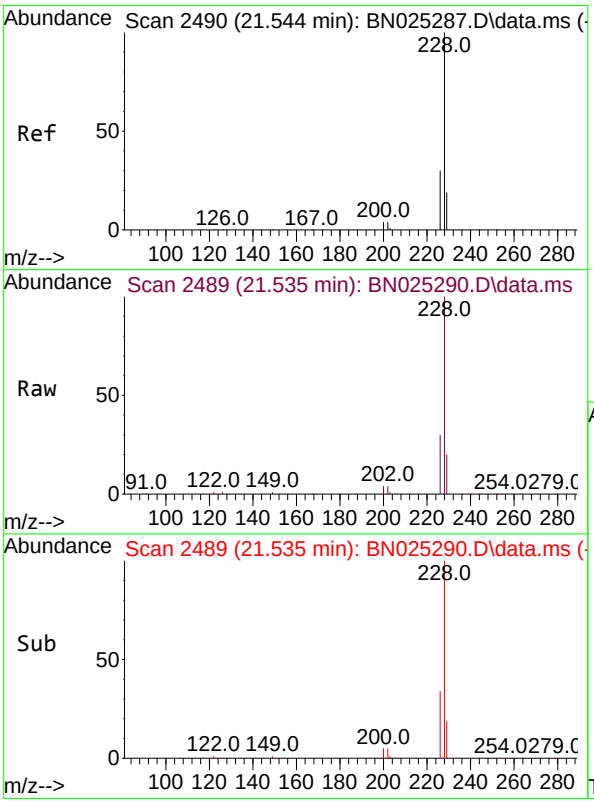
#32
Benzo(a)anthracene
Concen: 3.024 ng
RT: 21.482 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 279828

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	19.9	16.2	24.2

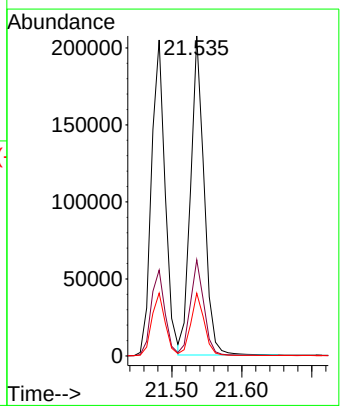


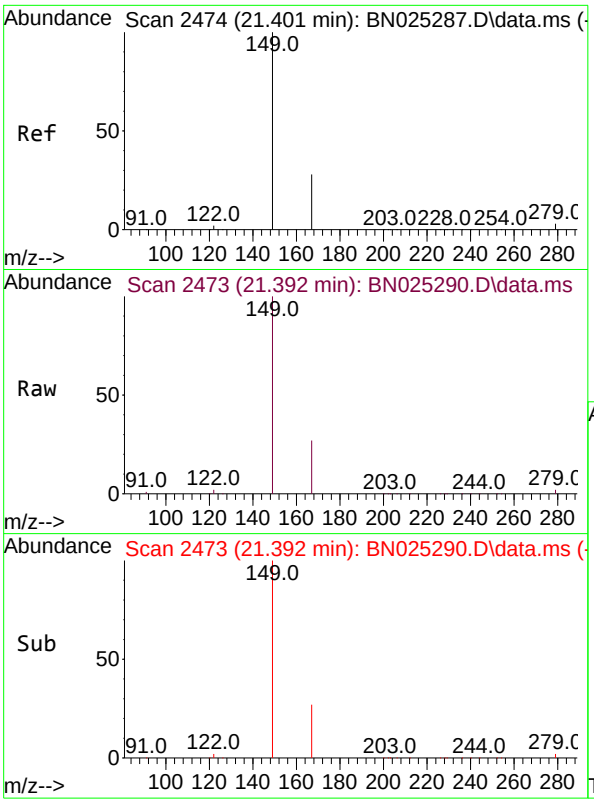


#33
Chrysene
Concen: 2.862 ng
RT: 21.535 min Scan# 2489
Delta R.T. -0.009 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:228 Resp: 277409

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.6	36.8
229	19.6	16.2	24.4



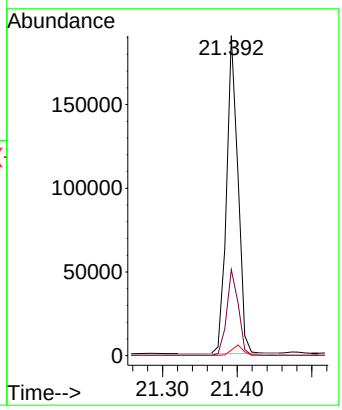


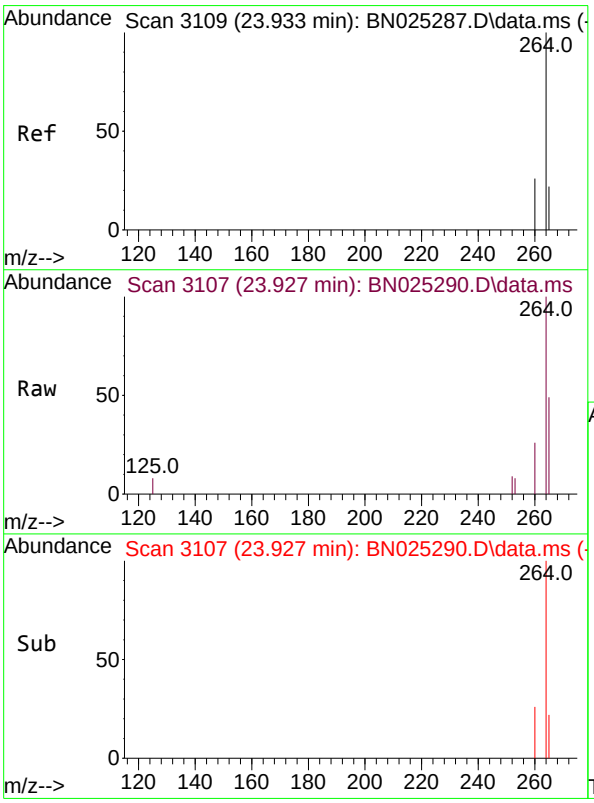
#34
Bis(2-ethylhexyl)phthalate
Concen: 4.066 ng
RT: 21.392 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 202156

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	3.2	2.6	4.0

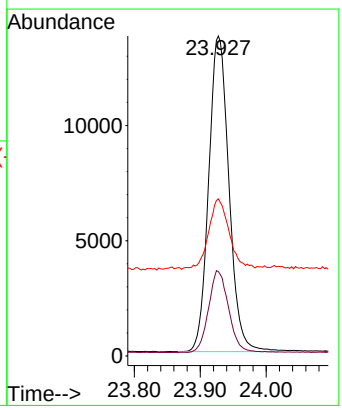


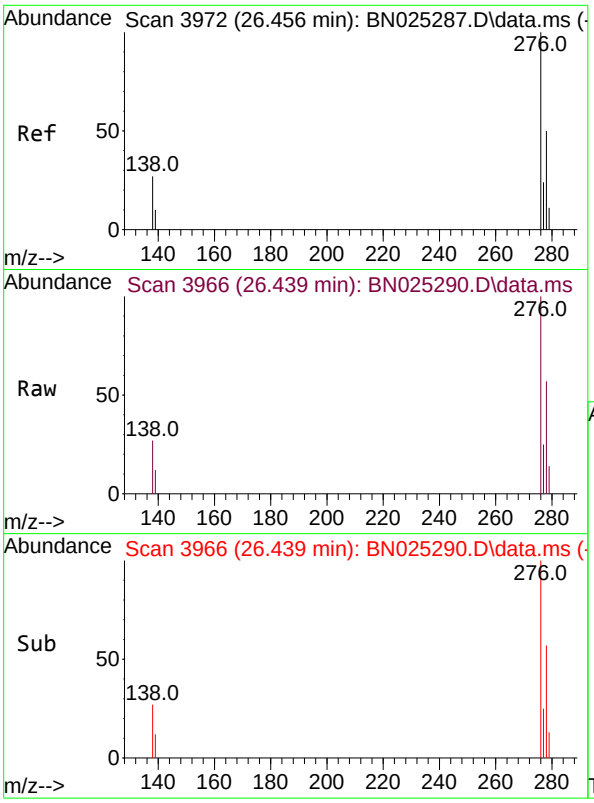


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.927 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:264 Resp: 29222

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.5	32.3
265	49.1	46.2	69.4



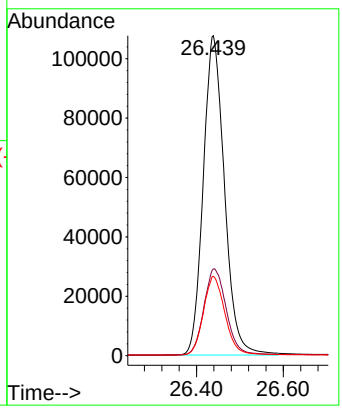


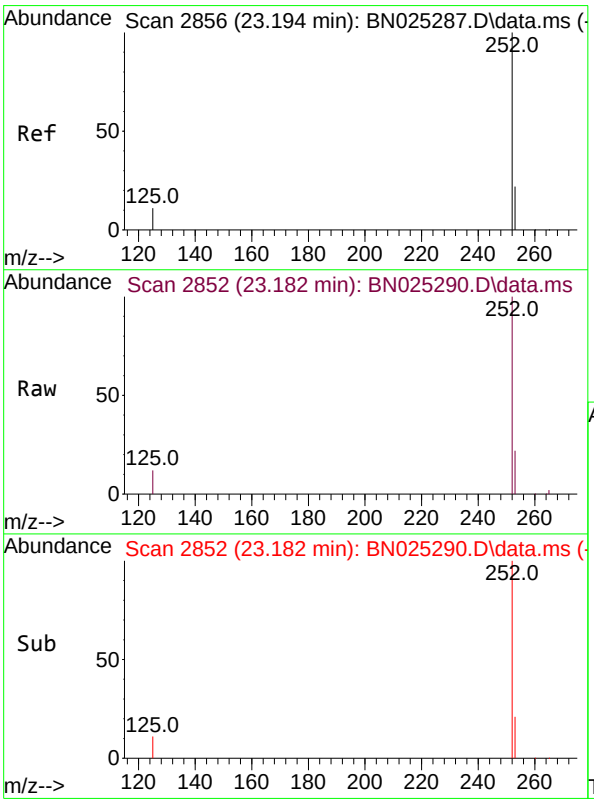
#36
Indeno(1,2,3-cd)pyrene
Concen: 2.851 ng
RT: 26.439 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 365267

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.5	33.7
277	25.0	19.8	29.6

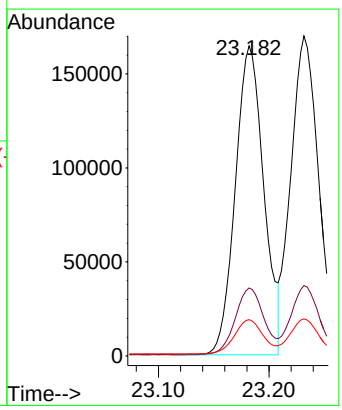


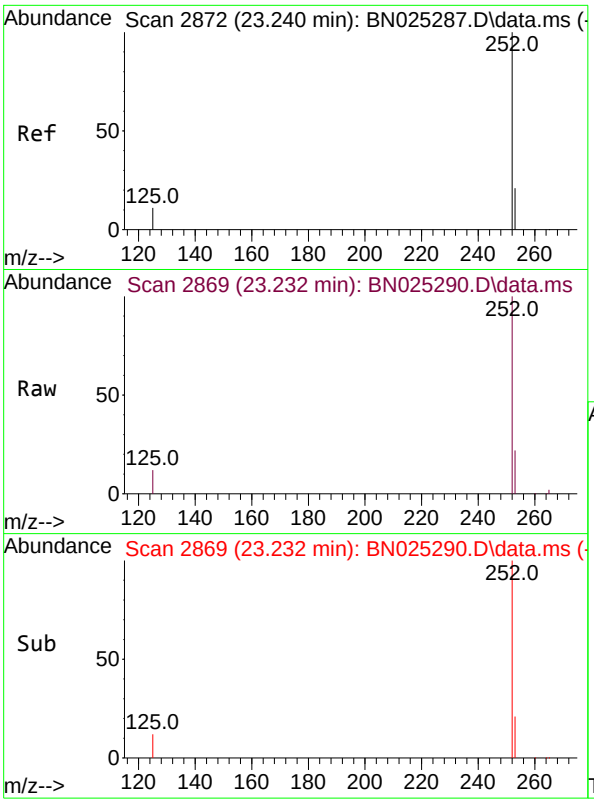


#37
Benzo(b)fluoranthene
Concen: 2.653 ng
RT: 23.182 min Scan# 2852
Delta R.T. -0.012 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:252 Resp: 294018

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.8	31.2
125	11.7	13.4	20.2#



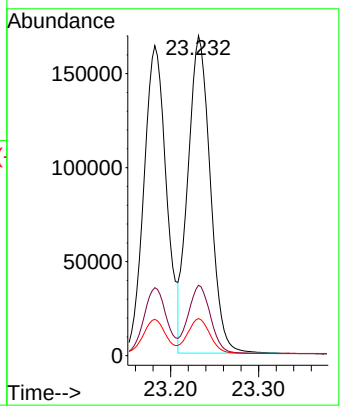


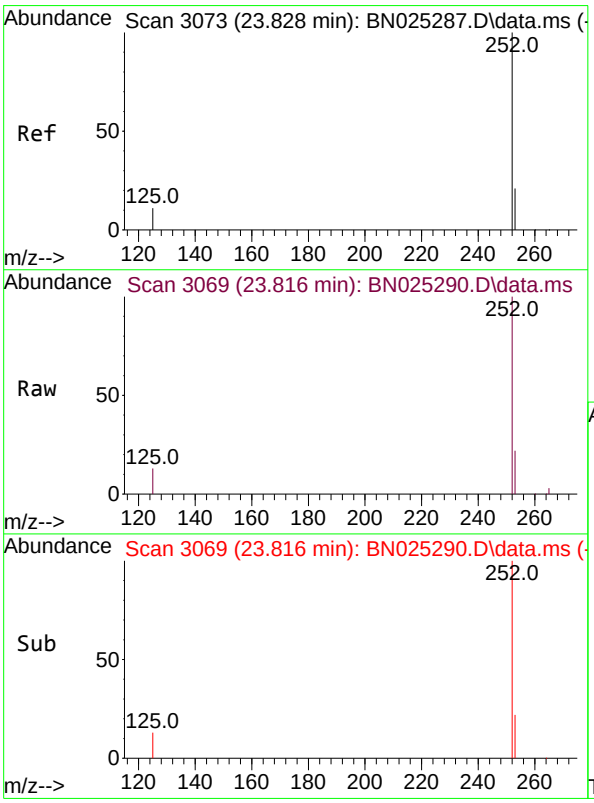
#38
Benzo(k)fluoranthene
Concen: 2.704 ng
RT: 23.232 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 297022

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.6	30.8
125	11.6	13.1	19.7#

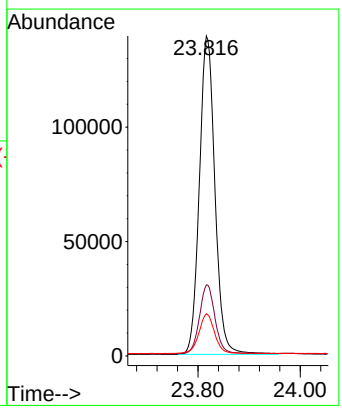


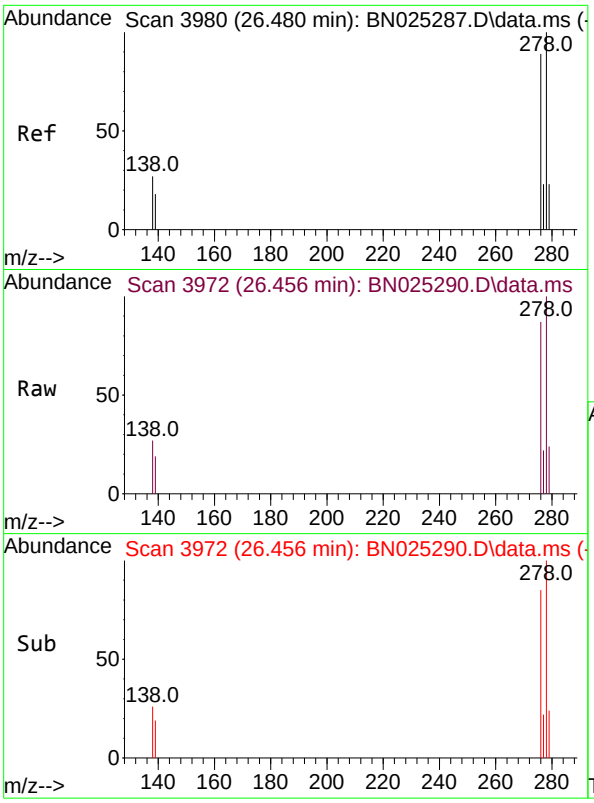


#39
Benzo(a)pyrene
Concen: 2.773 ng
RT: 23.816 min Scan# 3069
Delta R.T. -0.012 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:252 Resp: 293964

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.4	32.0
125	13.2	15.4	23.2#



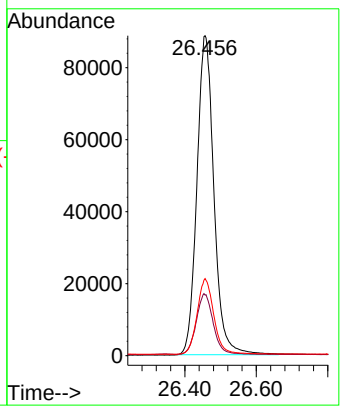


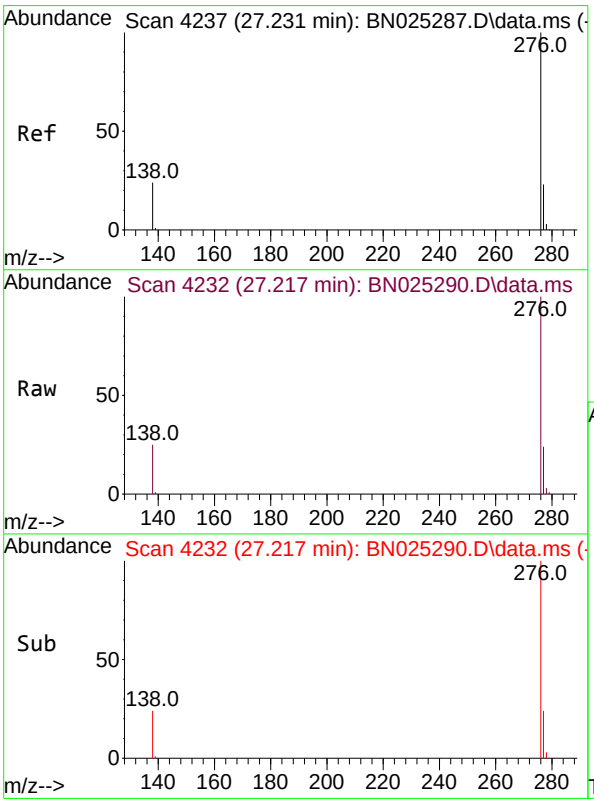
#40
Dibenzo(a,h)anthracene
Concen: 2.909 ng
RT: 26.456 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 293275

Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.6	26.4
279	24.1	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 2.840 ng
RT: 27.217 min Scan# 4232
Delta R.T. -0.015 min
Lab File: BN025290.D
Acq: 05 May 2023 22:01

Tgt Ion:276 Resp: 310295

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.1	30.1
138	24.6	21.0	31.6