Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025291.D
Acq On : 05 May 2023 22:36
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 08 02:06:52 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	6191	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	17884	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	11842	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	25966	0.400	ng		#-0.01
29) Chrysene-d12	21.504	240	27536	0.400	ng		0.00
35) Perylene-d12	23.935	264	29526	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	65493	4.581	ng		0.00
5) Phenol-d6	7.073	99	88992	4.935	ng		-0.01
8) Nitrobenzene-d5	9.073	82	74459	5.165	ng		-0.02
11) 2-Methylnaphthalene-d10	12.305	152	118493	5.003	ng		-0.01
14) 2,4,6-Tribromophenol	16.045	330	32508	6.105	ng		-0.02
15) 2-Fluorobiphenyl	13.176	172	195860	4.330	ng		-0.01
27) Fluoranthene-d10	19.334	212	306306	5.202	ng		0.00
31) Terphenyl-d14	19.928	244	269890	4.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	27138	3.989	ng		93
3) n-Nitrosodimethylamine	3.650	42	47353	4.104	ng	#	98
6) bis(2-Chloroethyl)ether	7.333	93	77863	4.258	ng		99
9) Naphthalene	10.771	128	213268	4.631	ng		98
10) Hexachlorobutadiene	11.049	225	39244	4.473	ng	#	98
12) 2-Methylnaphthalene	12.381	142	156697	4.893	ng		99
16) Acenaphthylene	14.277	152	263782	5.299	ng		99
17) Acenaphthene	14.619	154	155199	4.609	ng		100
18) Fluorene	15.603	166	217045	4.695	ng		97
20) 4,6-Dinitro-2-methylph...	15.710	198	27618	7.993	ng	#	9
21) 4-Bromophenyl-phenylether	16.492	248	71663	4.685	ng	#	82
22) Hexachlorobenzene	16.616	284	74251	4.284	ng		100
23) Atrazine	16.765	200	62690	6.011	ng	#	91
25) Phenanthrene	17.348	178	345866	4.588	ng		99
26) Anthracene	17.435	178	345217	5.252	ng		100
28) Fluoranthene	19.367	202	423330	4.946	ng		99
30) Pyrene	19.730	202	441767	4.513	ng		100
32) Benzo(a)anthracene	21.486	228	442082	4.748	ng		99
33) Chrysene	21.540	228	429631	4.405	ng		99
34) Bis(2-ethylhexyl)phtha...	21.396	149	316950	6.337	ng		99
36) Indeno(1,2,3-cd)pyrene	26.452	276	572444	4.422	ng		100
37) Benzo(b)fluoranthene	23.189	252	460216	4.110	ng	#	90
38) Benzo(k)fluoranthene	23.239	252	464019	4.181	ng	#	91
39) Benzo(a)pyrene	23.826	252	461548	4.310	ng	#	89
40) Dibenzo(a,h)anthracene	26.469	278	459998	4.515	ng		93
41) Benzo(g,h,i)perylene	27.227	276	485960	4.403	ng		96

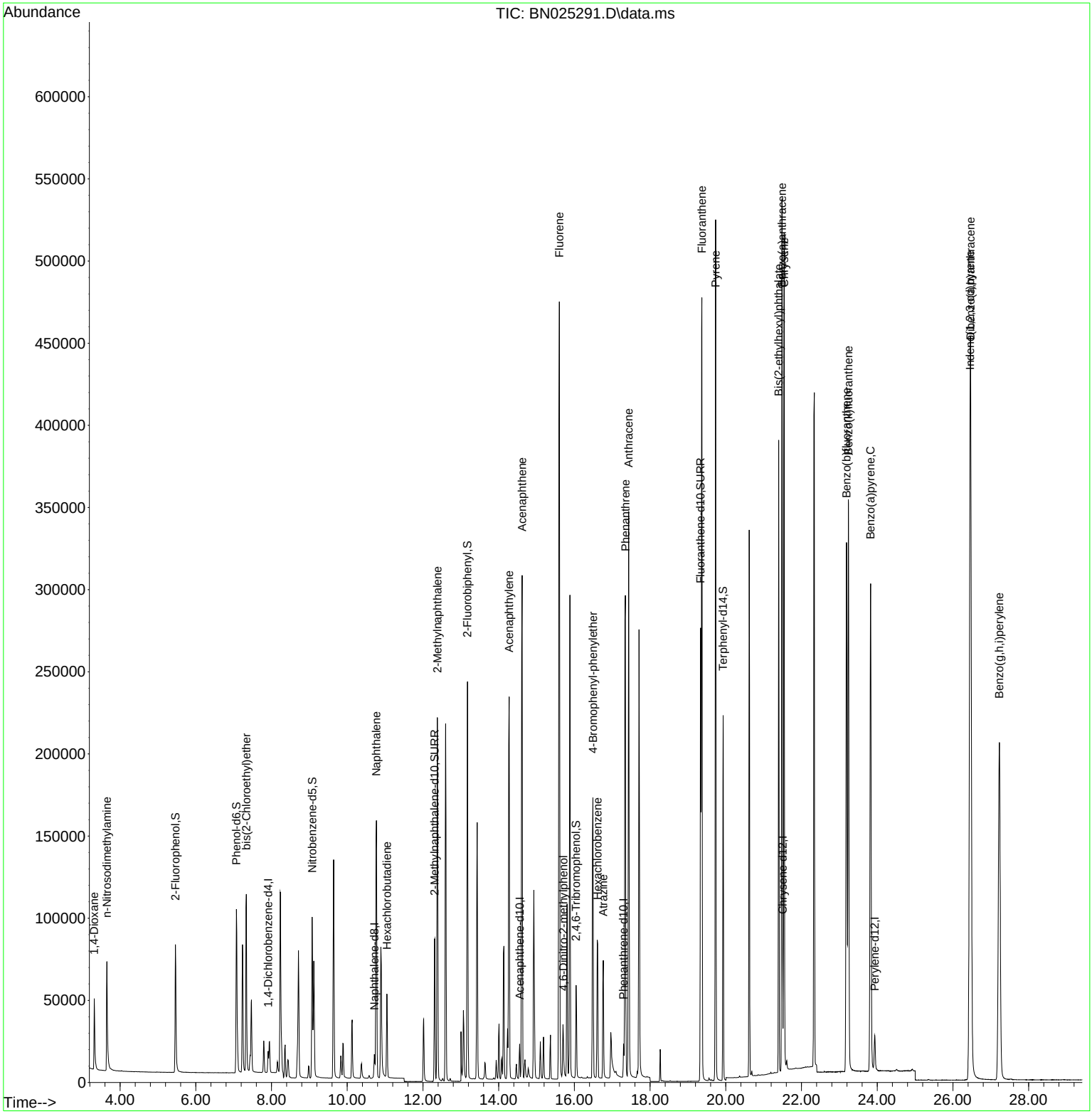
(#) = qualifier out of range (m) = manual integration (+) = signals summed

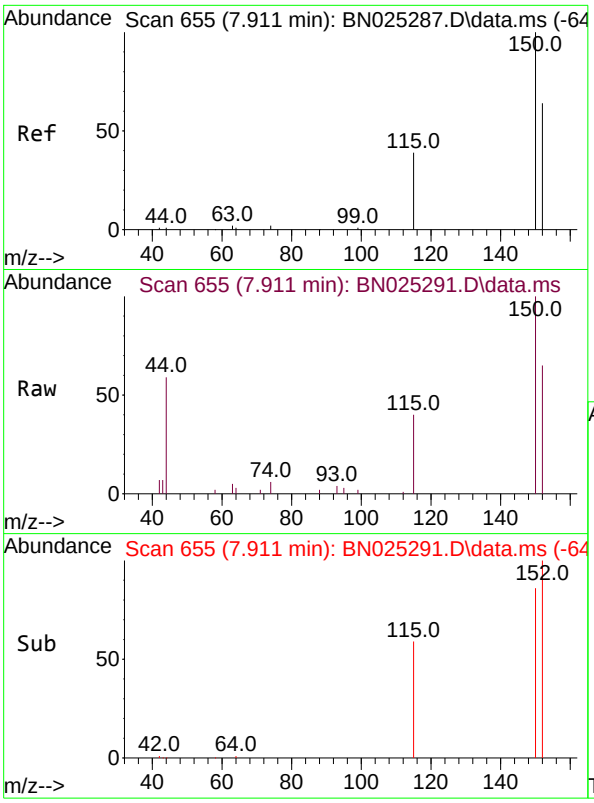
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025291.D
Acq On : 05 May 2023 22:36
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 08 02:06:52 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



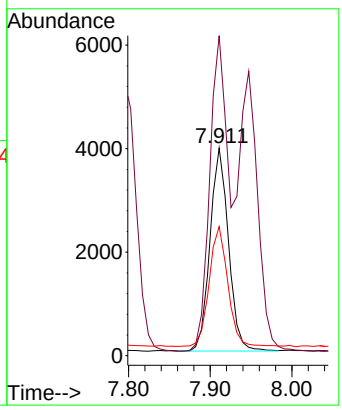


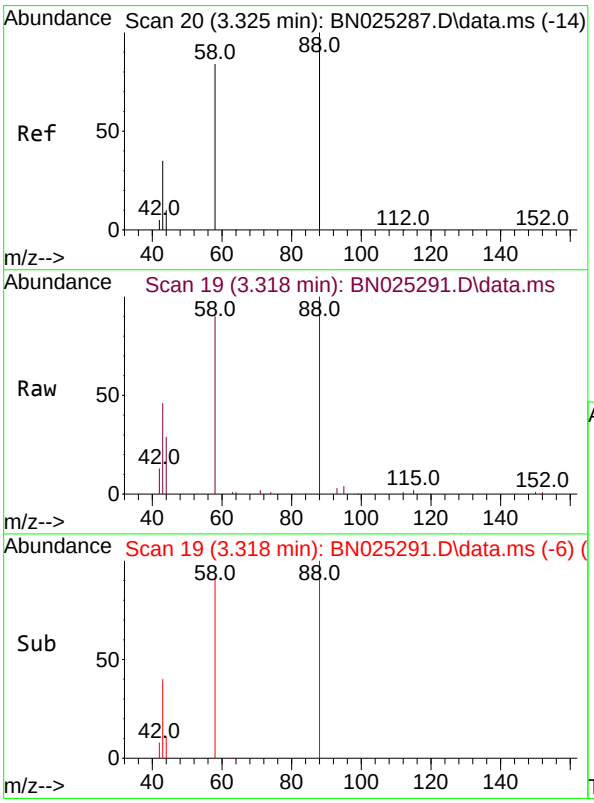
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 6191

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.8	185.8
115	62.2	52.9	79.3

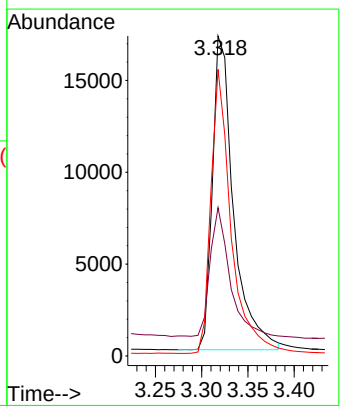


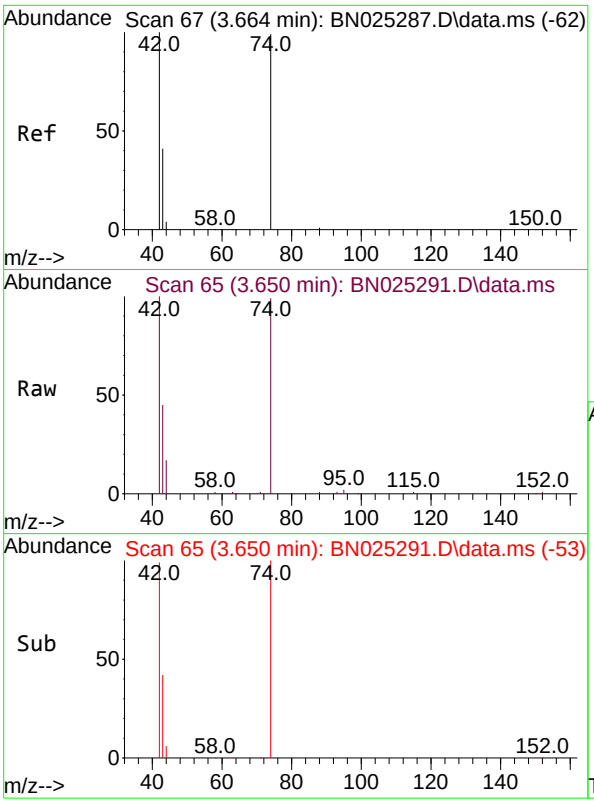


#2
1,4-Dioxane
Concen: 3.989 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion: 88 Resp: 27138

Ion	Ratio	Lower	Upper
88	100		
43	38.1	37.2	55.8
58	86.1	71.5	107.3



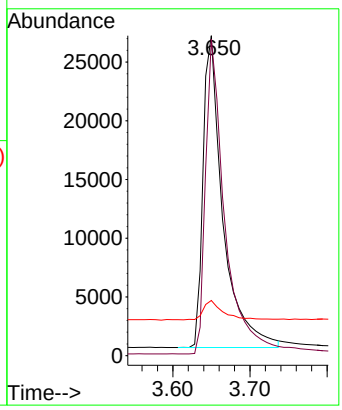


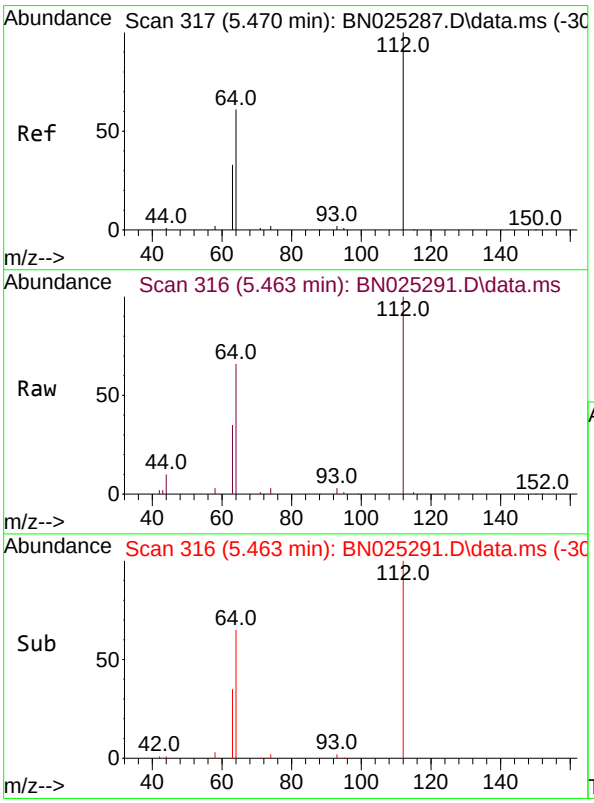
#3
n-Nitrosodimethylamine
Concen: 4.104 ng
RT: 3.650 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 47353

Ion	Ratio	Lower	Upper
42	100		
74	98.0	79.9	119.9
44	6.3	7.0	10.6#

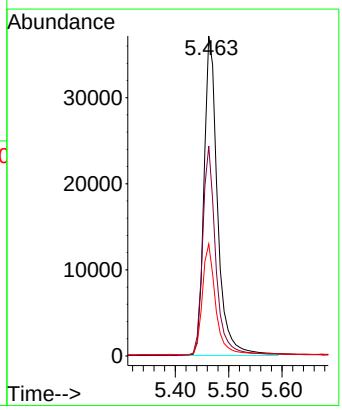


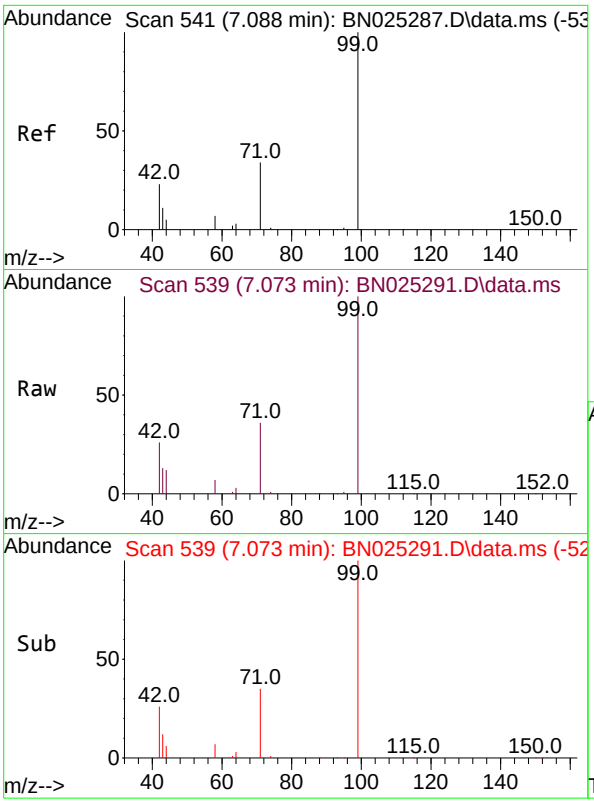


#4
2-Fluorophenol
Concen: 4.581 ng
RT: 5.463 min Scan# 316
Delta R.T. -0.007 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:112 Resp: 65493

Ion	Ratio	Lower	Upper
112	100		
64	64.0	51.5	77.3
63	34.0	27.8	41.6



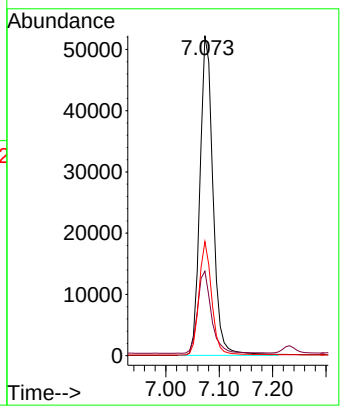


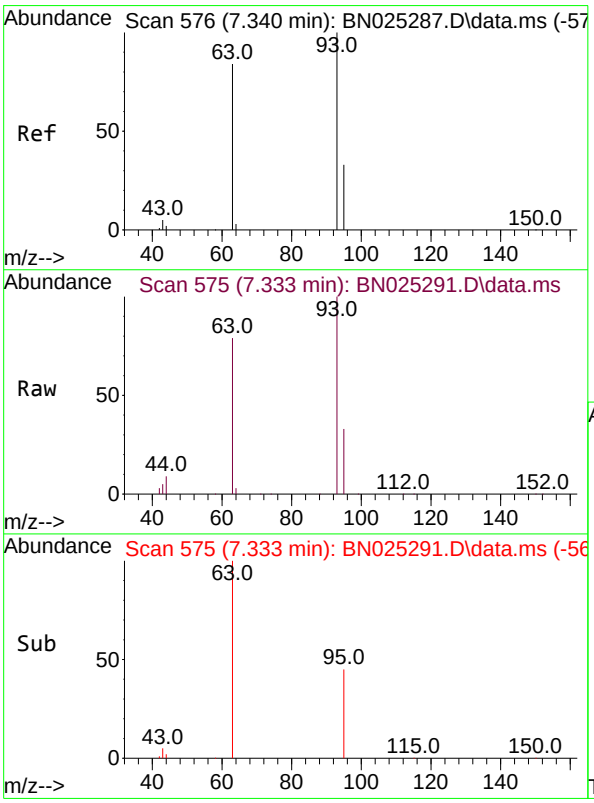
#5
Phenol-d6
Concen: 4.935 ng
RT: 7.073 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 88992

Ion	Ratio	Lower	Upper
99	100		
42	27.1	22.0	33.0
71	34.6	28.7	43.1

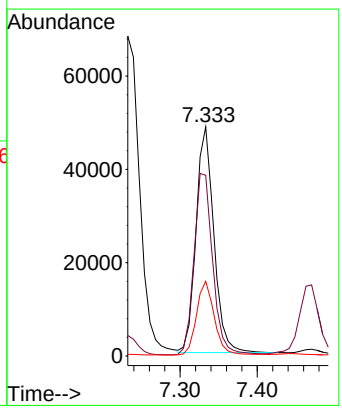


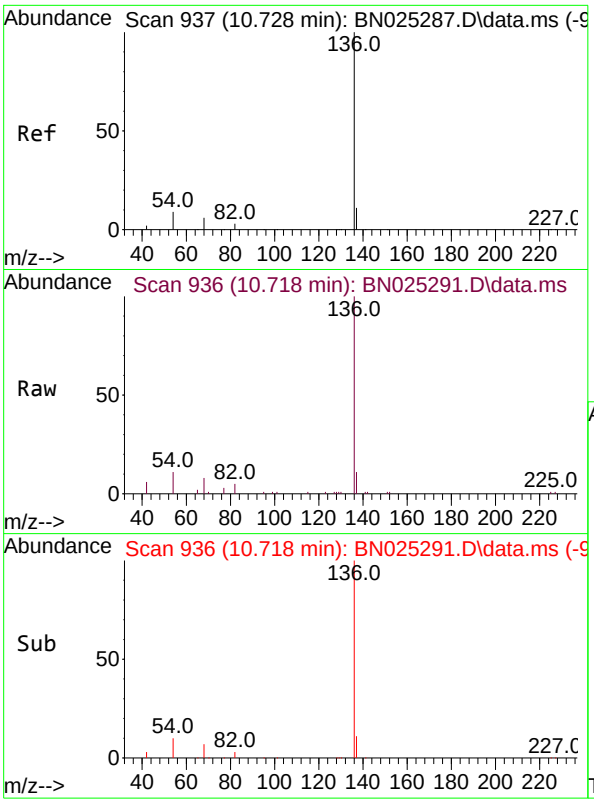


#6
bis(2-Chloroethyl)ether
Concen: 4.258 ng
RT: 7.333 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion: 93 Resp: 77863

Ion	Ratio	Lower	Upper
93	100		
63	84.3	67.8	101.6
95	32.7	26.7	40.1



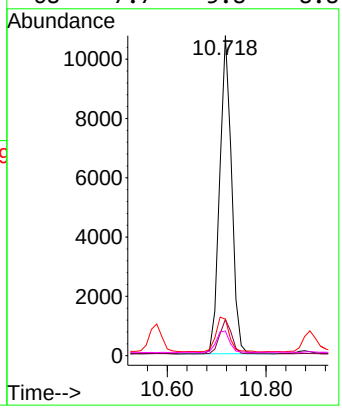


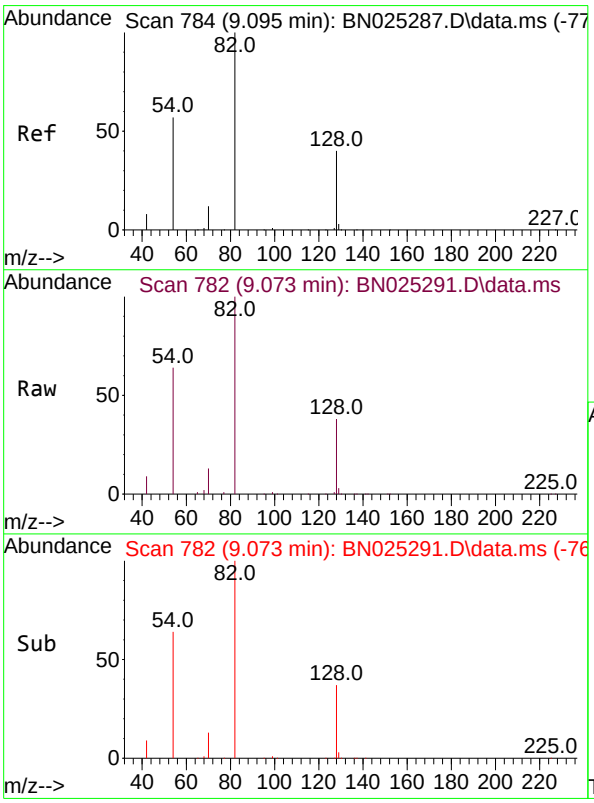
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 17884

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	11.4	8.5	12.7
68	7.7	5.8	8.8

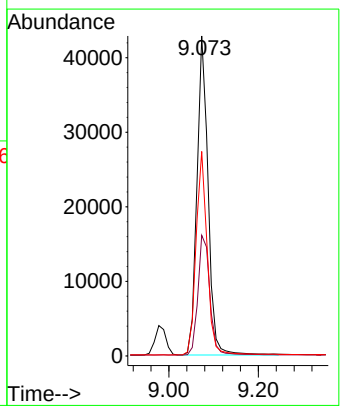


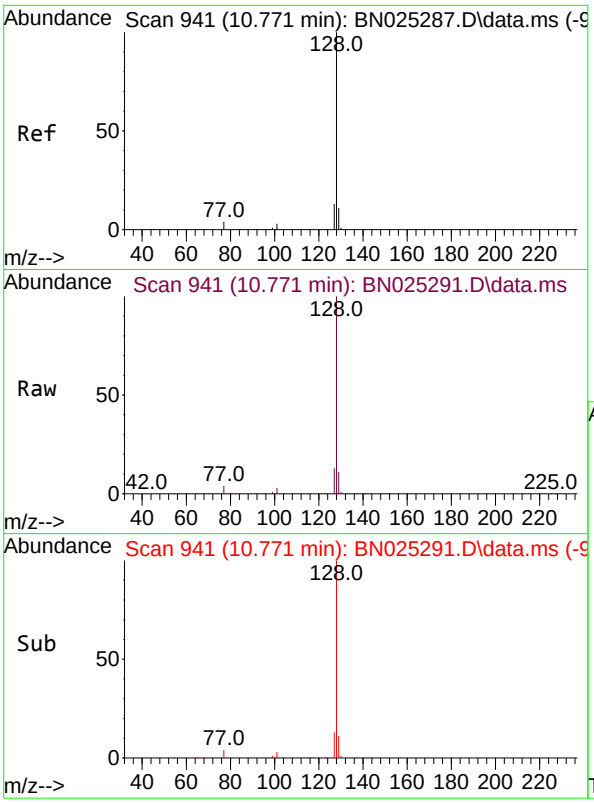


#8
Nitrobenzene-d5
Concen: 5.165 ng
RT: 9.073 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion: 82 Resp: 74459

Ion	Ratio	Lower	Upper
82	100		
128	37.7	35.3	52.9
54	63.9	48.7	73.1



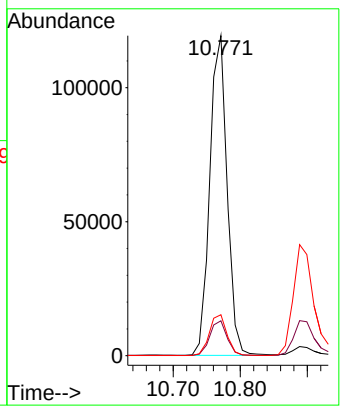


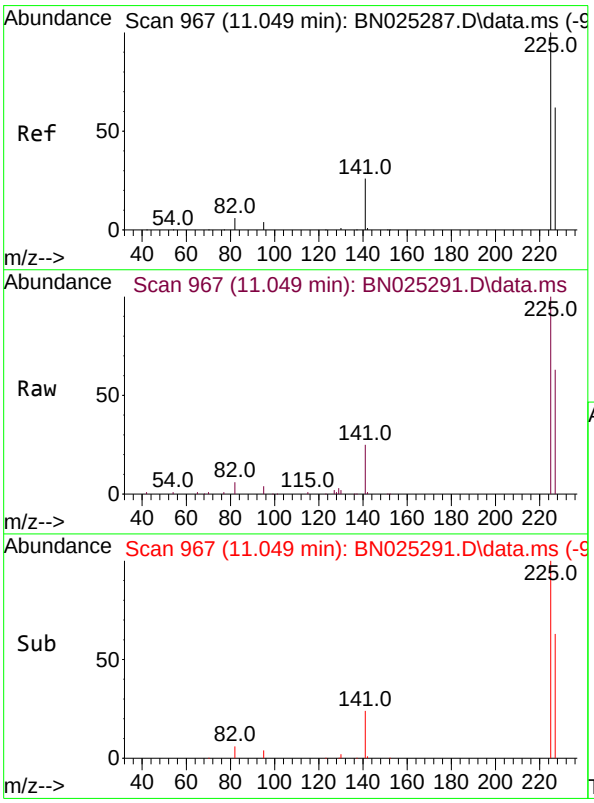
#9
Naphthalene
Concen: 4.631 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 213268

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	12.8	11.0	16.6

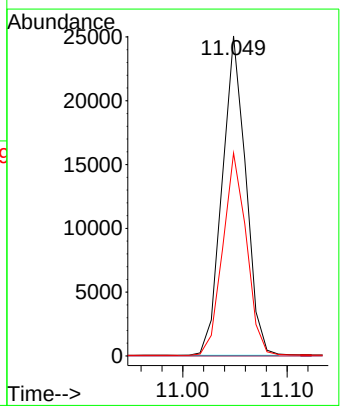


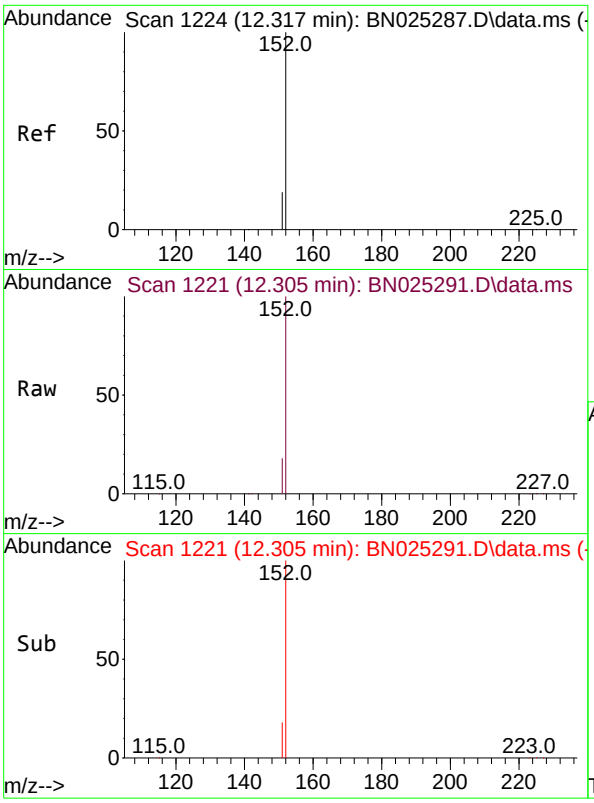


#10
Hexachlorobutadiene
Concen: 4.473 ng
RT: 11.049 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:225 Resp: 39244

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	49.8	74.8



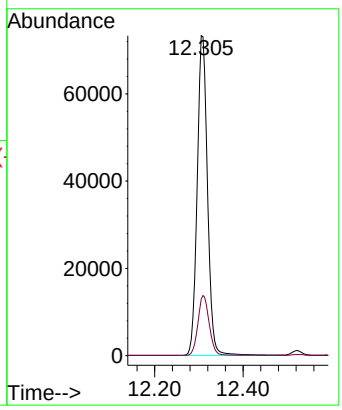


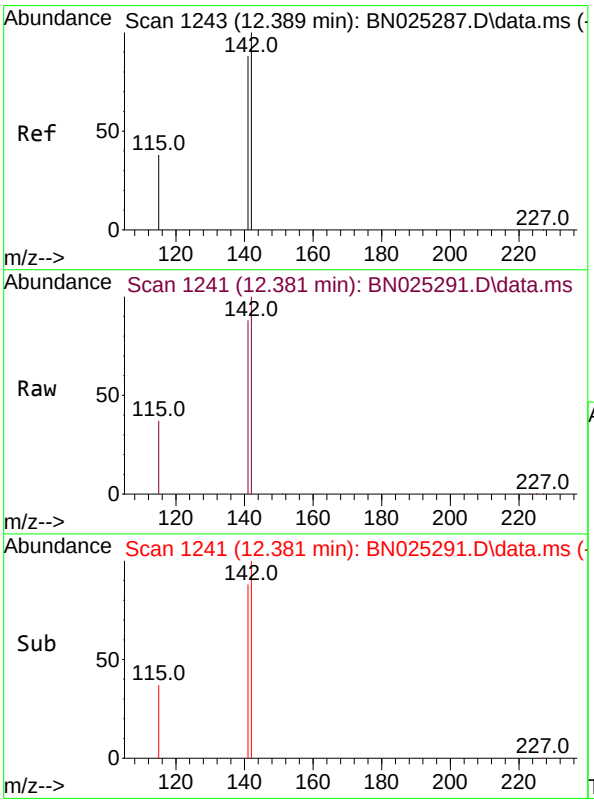
#11
2-Methylnaphthalene-d10
Concen: 5.003 ng
RT: 12.305 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 118493

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

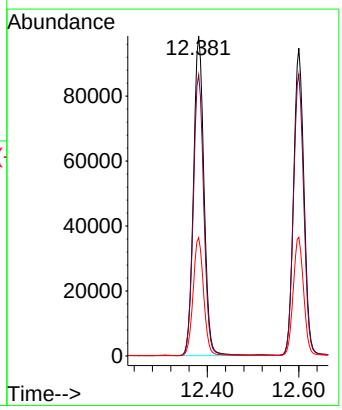


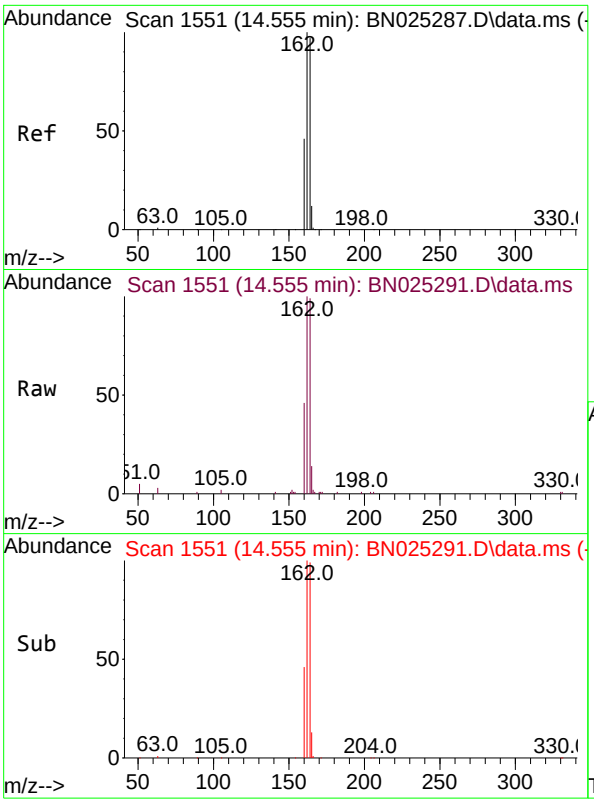


#12
2-Methylnaphthalene
Concen: 4.893 ng
RT: 12.381 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:142 Resp: 156697

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7
115	37.0	31.6	47.4



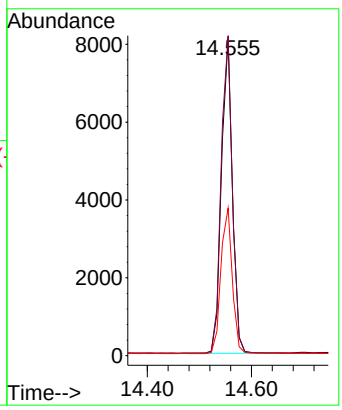


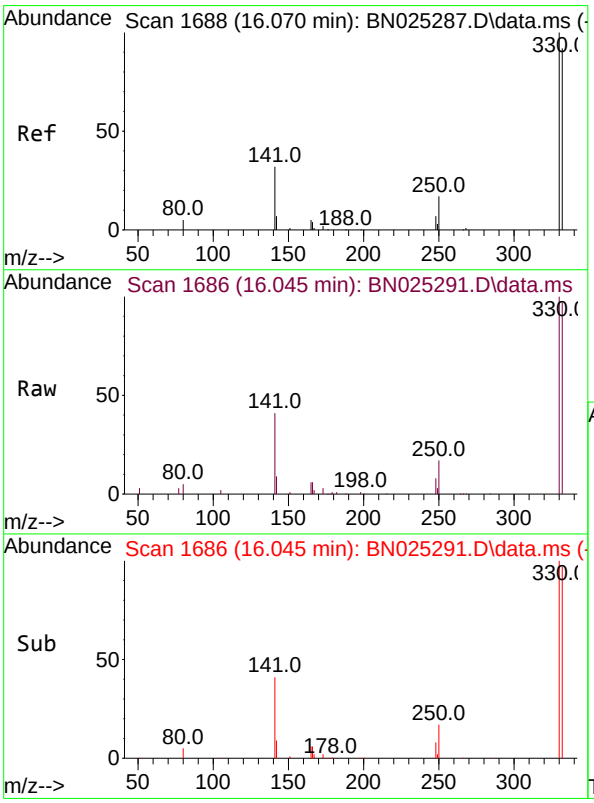
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 11842

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.1	123.1
160	46.5	38.3	57.5

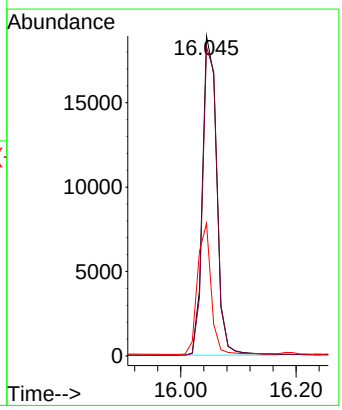


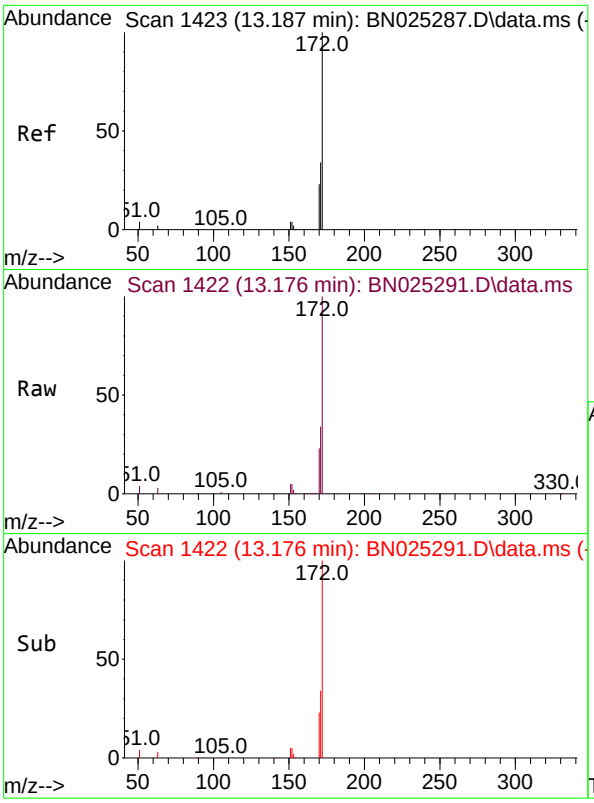


#14
2,4,6-Tribromophenol
Concen: 6.105 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.025 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:330 Resp: 32508

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.4	116.0
141	38.9	28.9	43.3



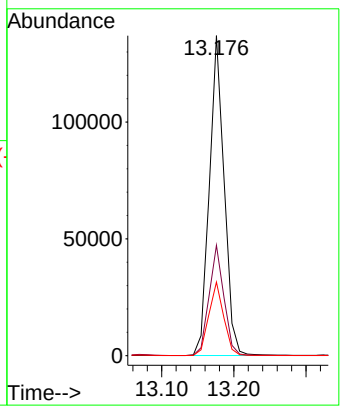


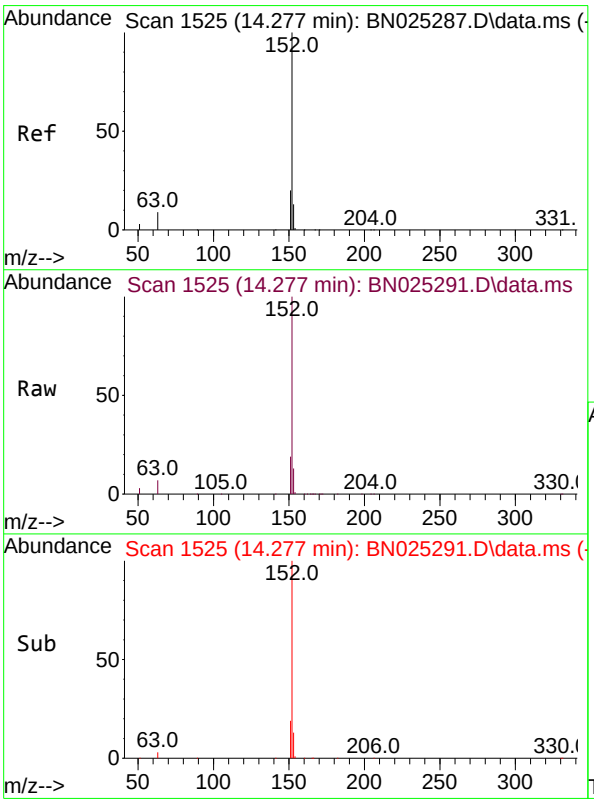
#15
2-Fluorobiphenyl
Concen: 4.330 ng
RT: 13.176 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 195860

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.0	19.0	28.4

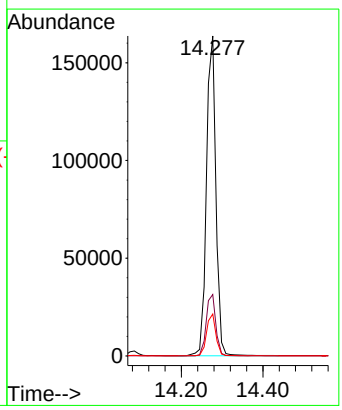


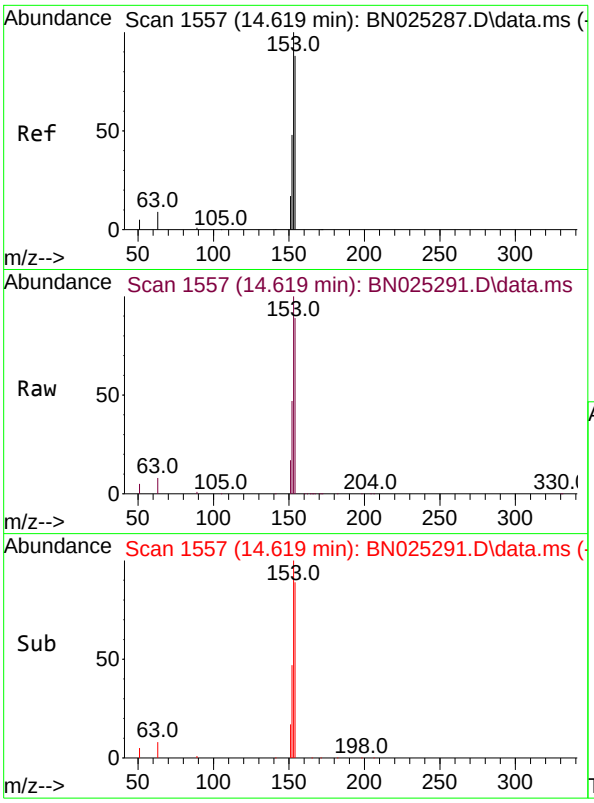


#16
Acenaphthylene
Concen: 5.299 ng
RT: 14.277 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:152 Resp: 263782

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



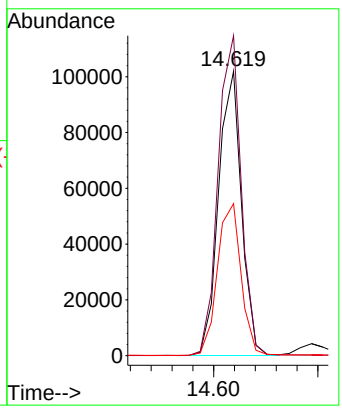


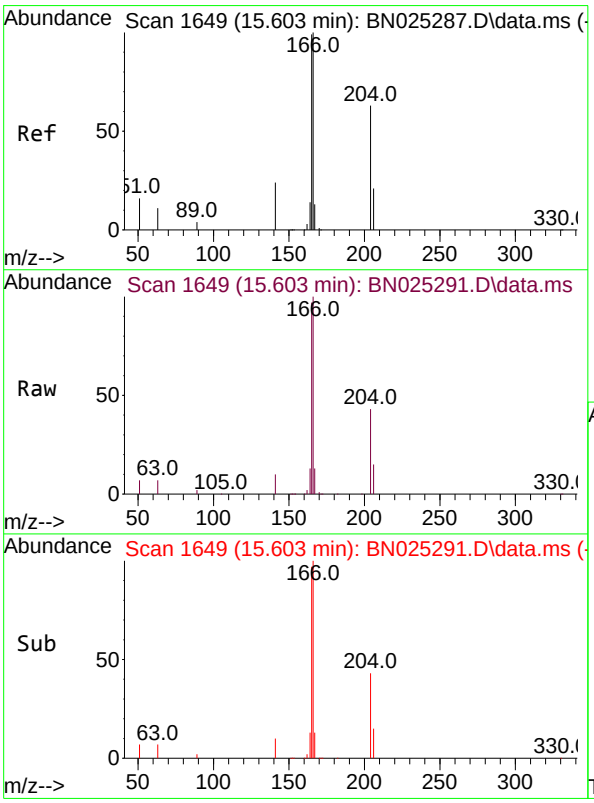
#17
Acenaphthene
Concen: 4.609 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 155199

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.3	136.9
152	55.7	44.7	67.1

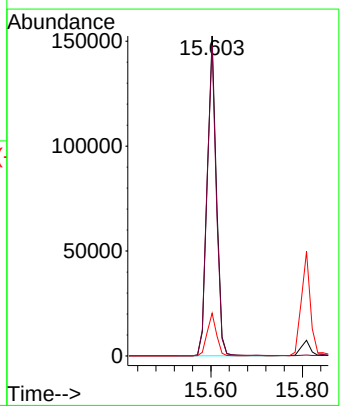


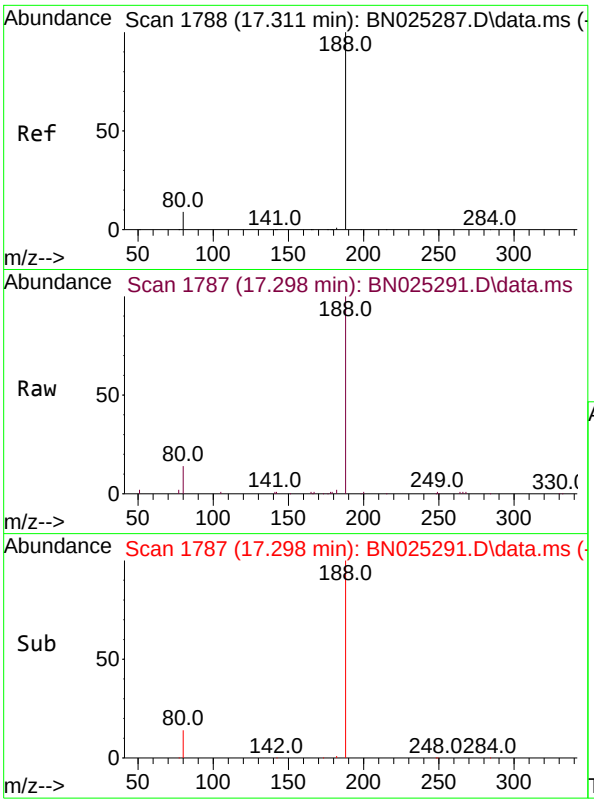


#18
Fluorene
Concen: 4.695 ng
RT: 15.603 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:166 Resp: 217045

Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.0	118.4
167	13.1	10.3	15.5



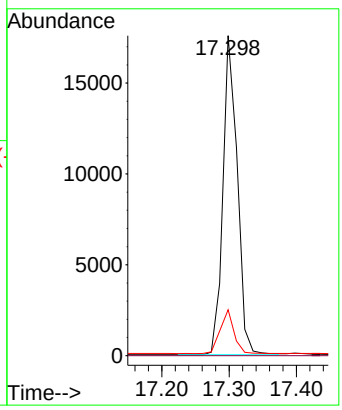


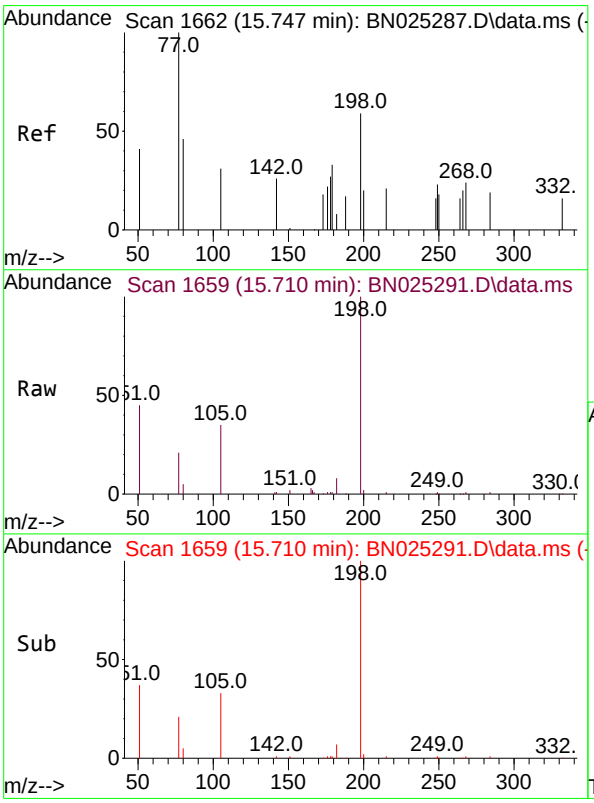
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 25966

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.3	8.0	12.0#

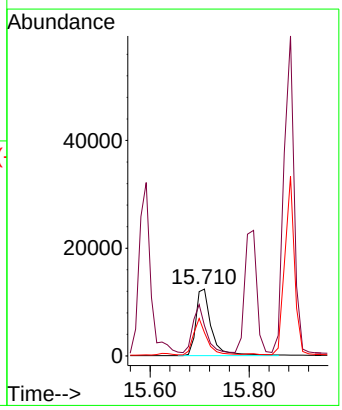


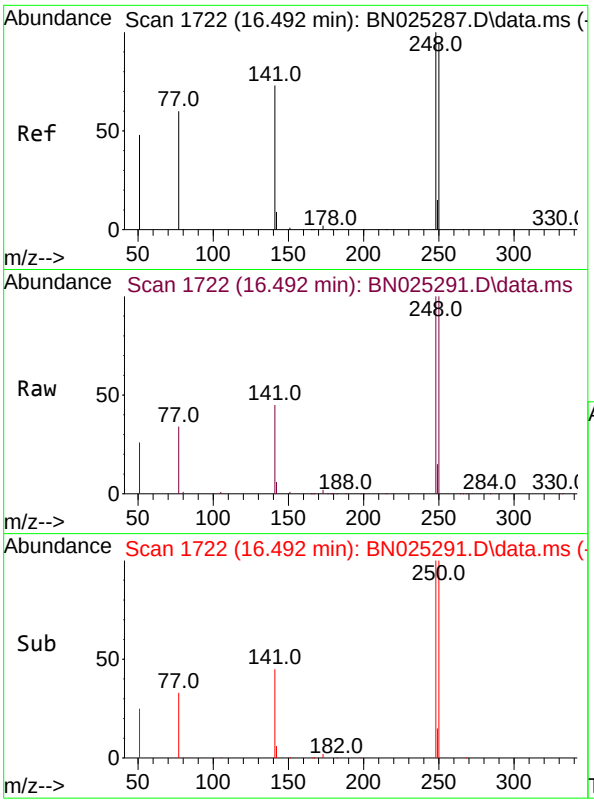


#20
4,6-Dinitro-2-methylphenol
Concen: 7.993 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.037 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:198 Resp: 27618

Ion	Ratio	Lower	Upper
198	100		
51	45.3	162.1	243.1#
105	34.9	83.1	124.7#



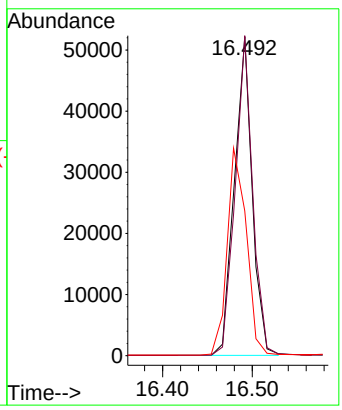


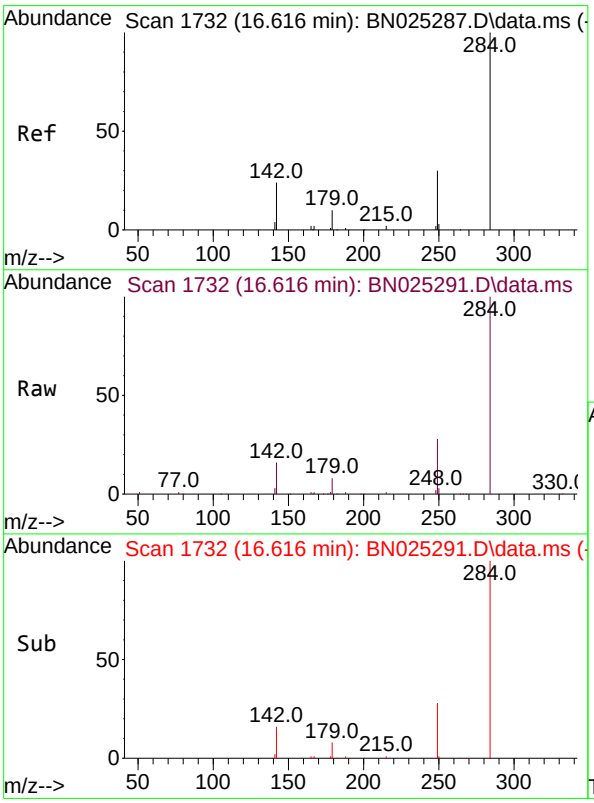
#21
4-Bromophenyl-phenylether
Concen: 4.685 ng
RT: 16.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 71663

Ion	Ratio	Lower	Upper
248	100		
250	100.4	76.0	114.0
141	45.4	59.9	89.9#

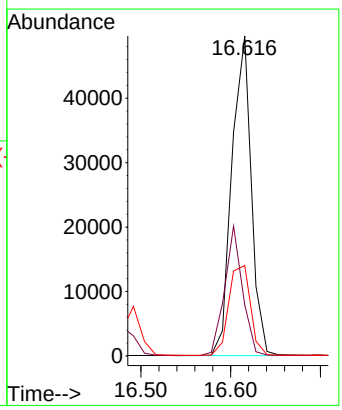


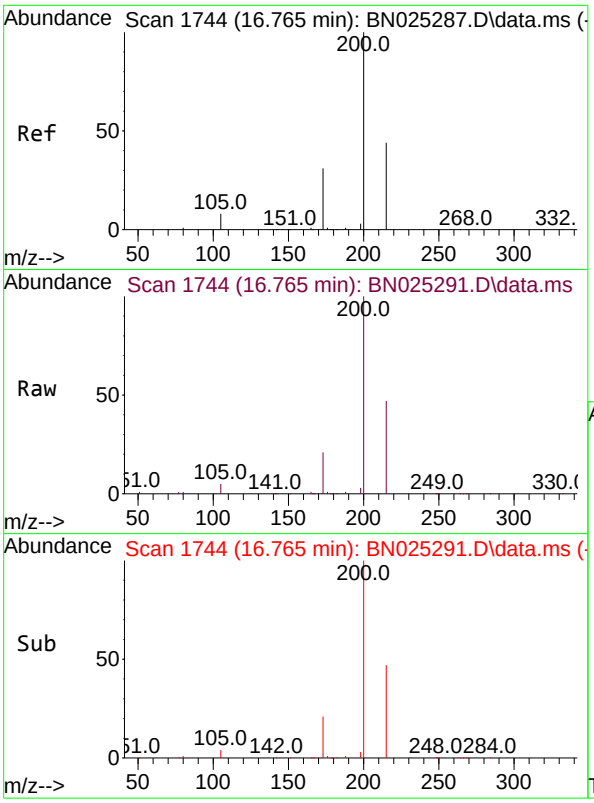


#22
Hexachlorobenzene
Concen: 4.284 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:284 Resp: 74251

Ion	Ratio	Lower	Upper
284	100		
142	37.3	30.0	45.0
249	31.5	25.0	37.6



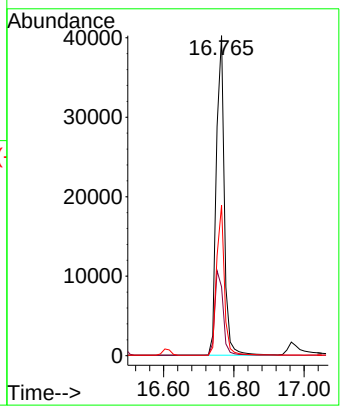


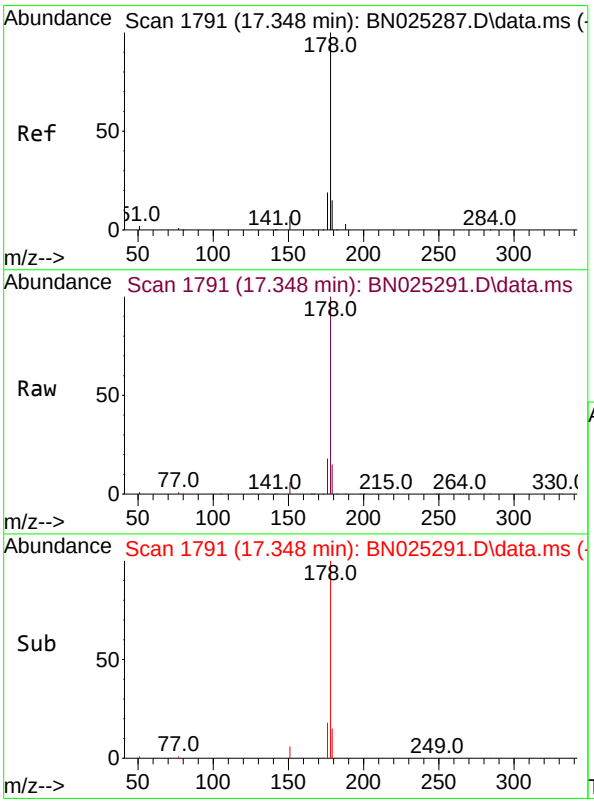
#23
Atrazine
Concen: 6.011 ng
RT: 16.765 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 62690

Ion	Ratio	Lower	Upper
200	100		
173	21.5	26.3	39.5#
215	47.0	37.2	55.8

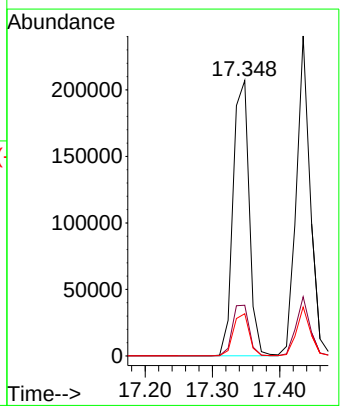


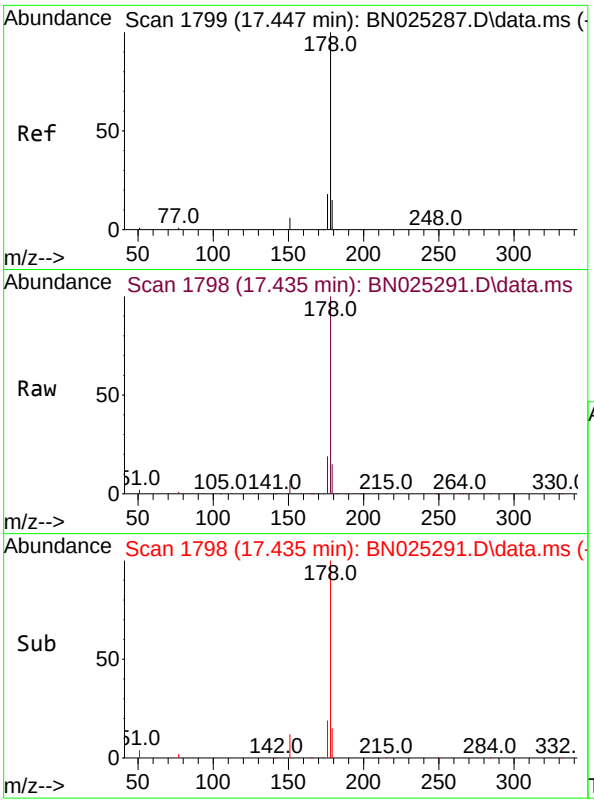


#25
Phenanthrene
Concen: 4.588 ng
RT: 17.348 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:178 Resp: 345866

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



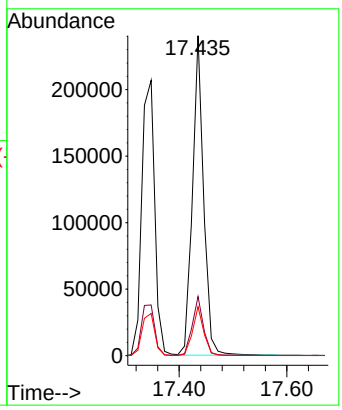


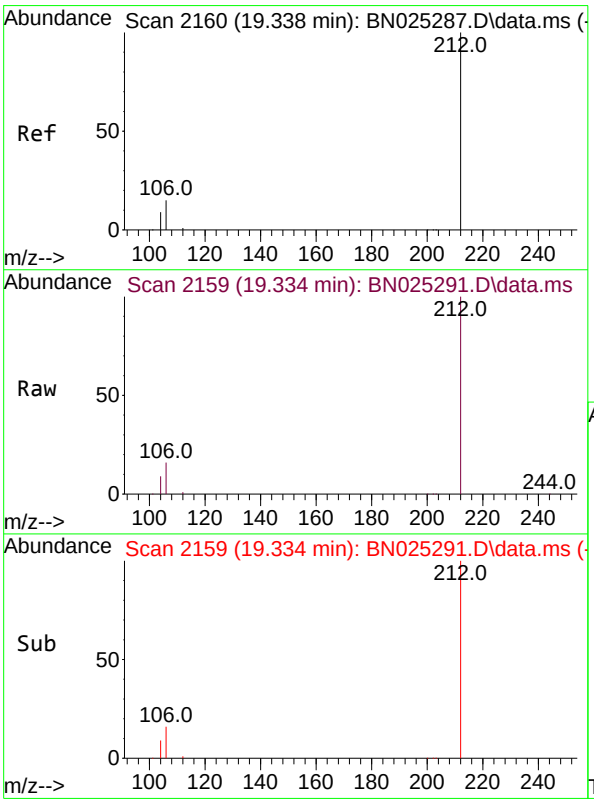
#26
Anthracene
Concen: 5.252 ng
RT: 17.435 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 345217

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.0	18.0

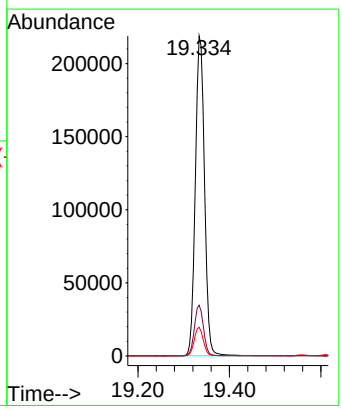


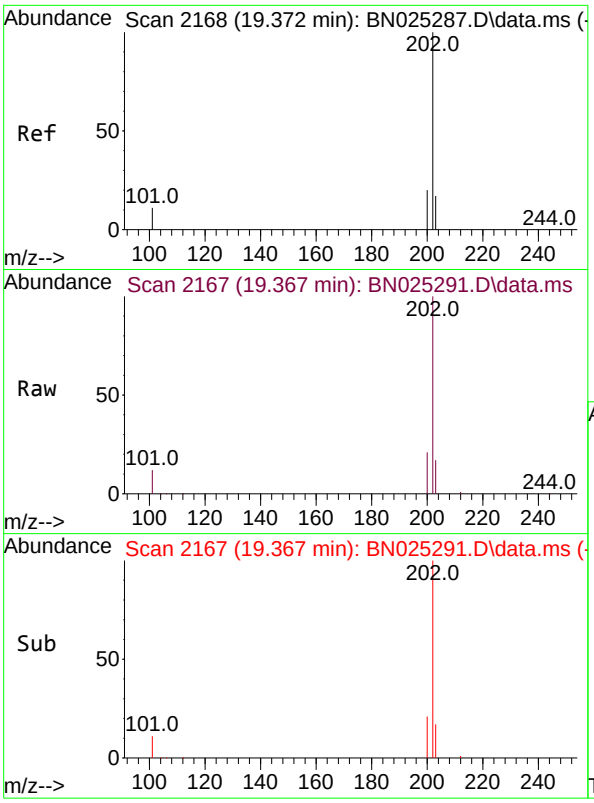


#27
Fluoranthene-d10
Concen: 5.202 ng
RT: 19.334 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:212 Resp: 306306

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	19.0
104	8.8	7.0	10.6



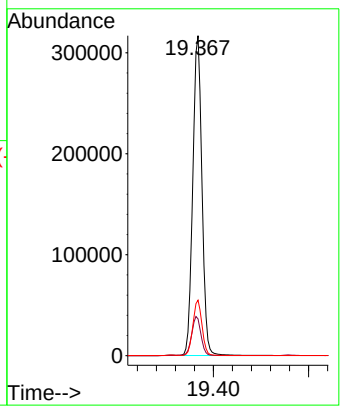


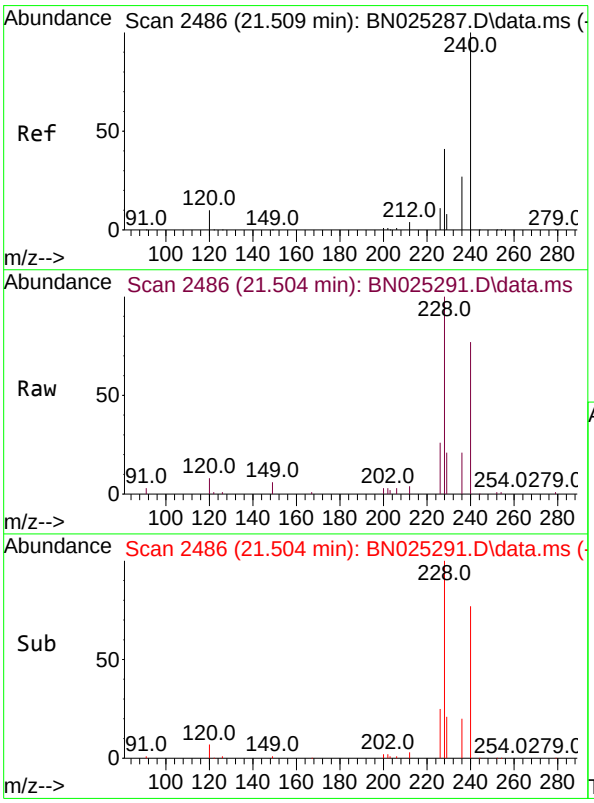
#28
Fluoranthene
Concen: 4.946 ng
RT: 19.367 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 423330

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

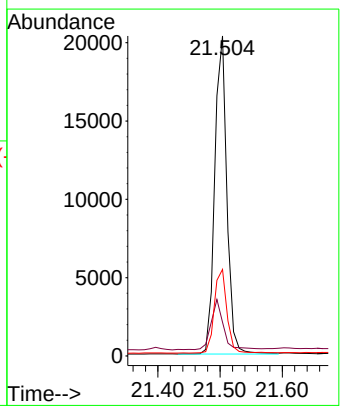


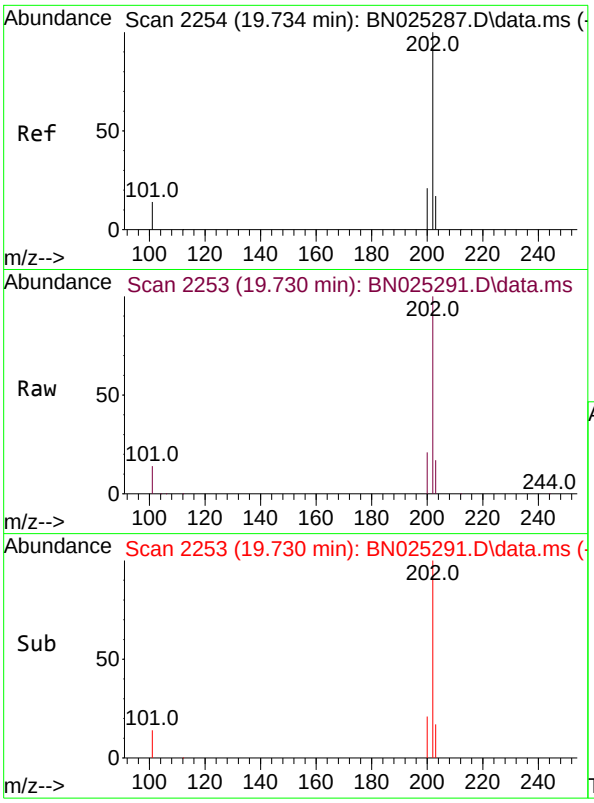


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:240 Resp: 27536

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.3	15.5
236	27.1	22.3	33.5



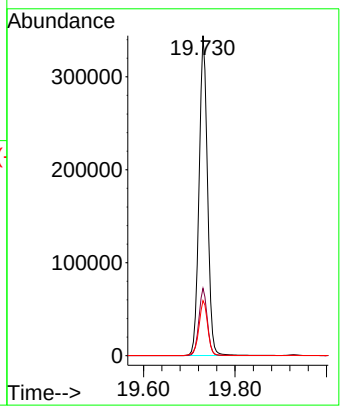


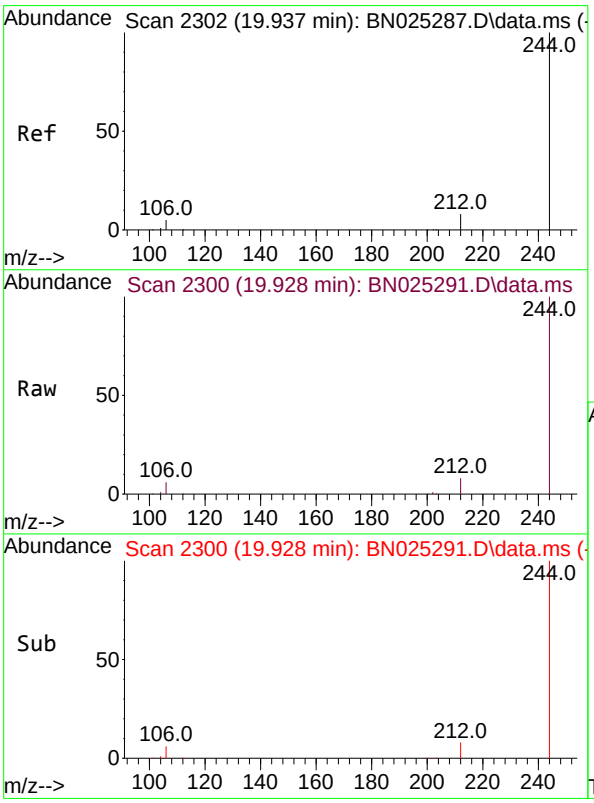
#30
Pyrene
Concen: 4.513 ng
RT: 19.730 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 441767

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	14.4	21.6

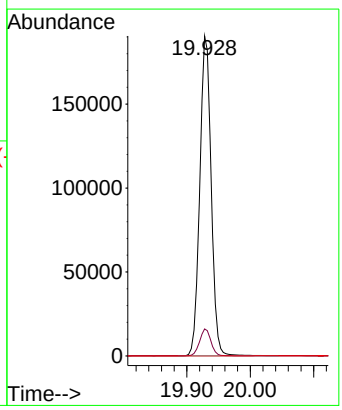


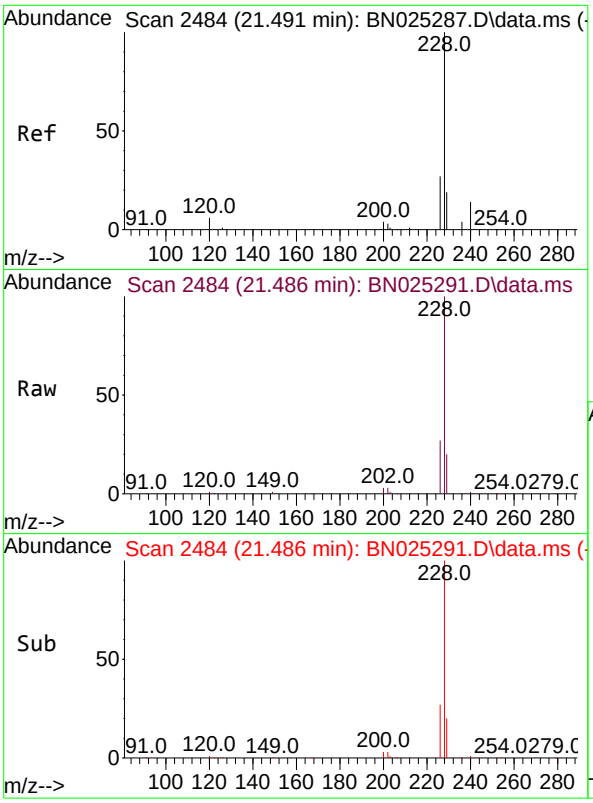


#31
Terphenyl-d14
Concen: 4.324 ng
RT: 19.928 min Scan# 2300
Delta R.T. -0.009 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:244 Resp: 269890

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.1	10.7
122	0.0	0.0	0.0



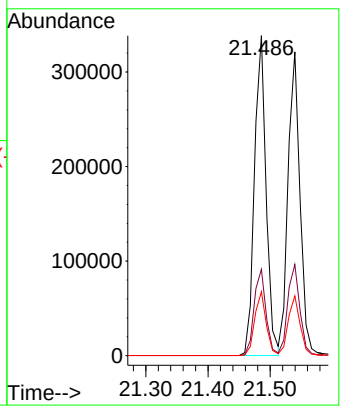


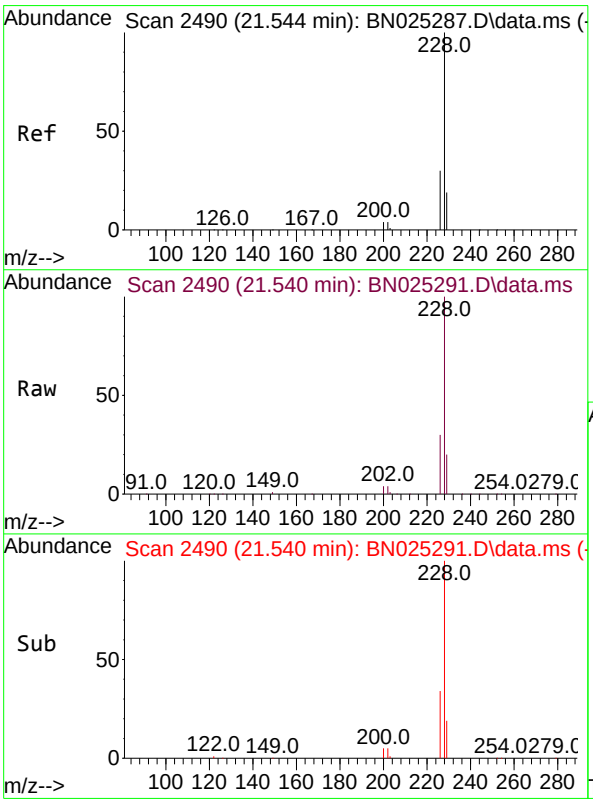
#32
Benzo(a)anthracene
Concen: 4.748 ng
RT: 21.486 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 442082

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.5	33.7
229	20.0	16.2	24.2

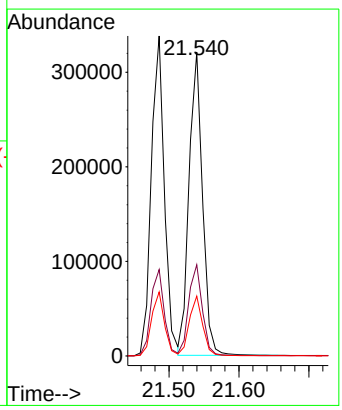


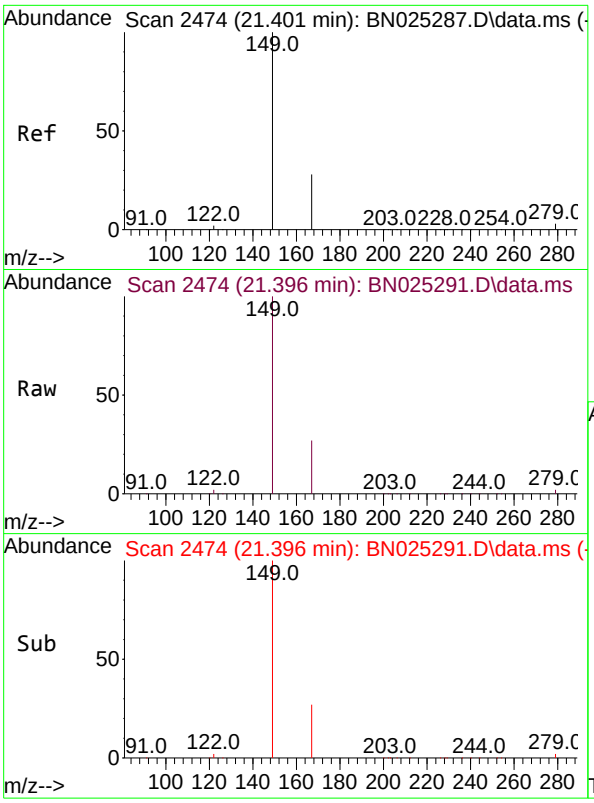


#33
Chrysene
Concen: 4.405 ng
RT: 21.540 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:228 Resp: 429631

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	19.7	16.2	24.4



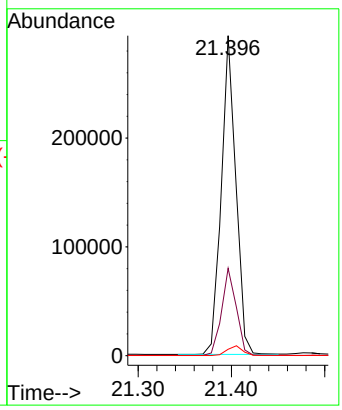


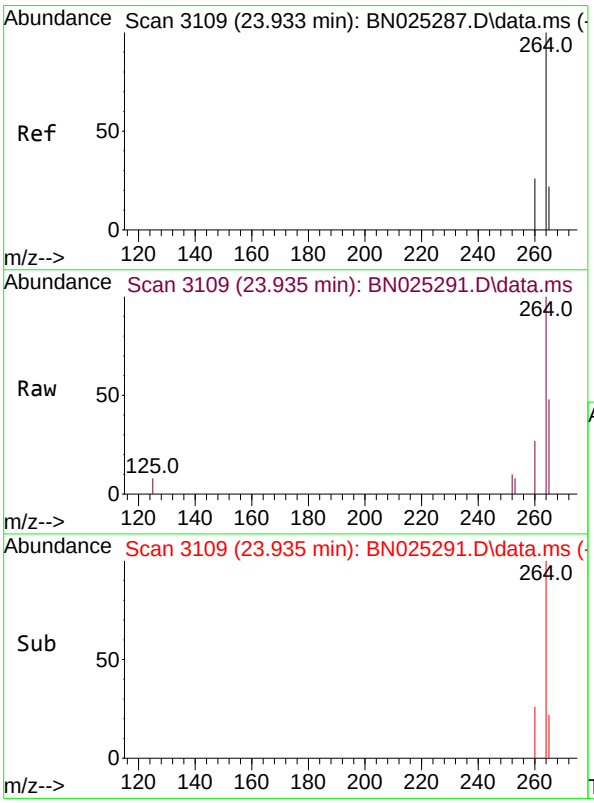
#34
Bis(2-ethylhexyl)phthalate
Concen: 6.337 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 316950

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

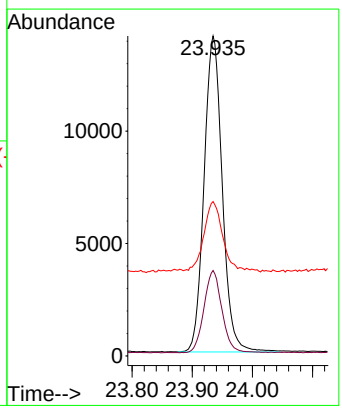


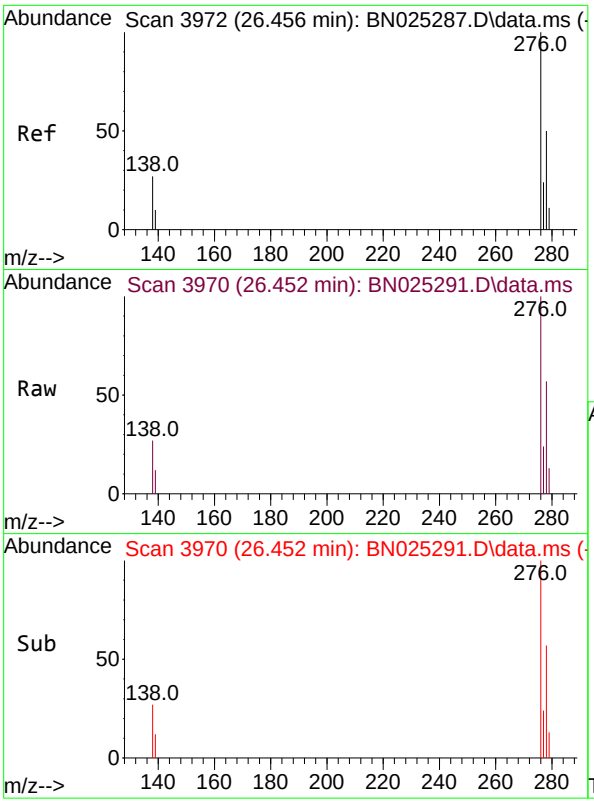


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.935 min Scan# 3109
Delta R.T. 0.001 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:264 Resp: 29526

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.5	32.3
265	48.3	46.2	69.4



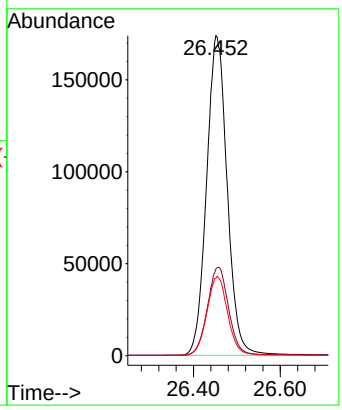


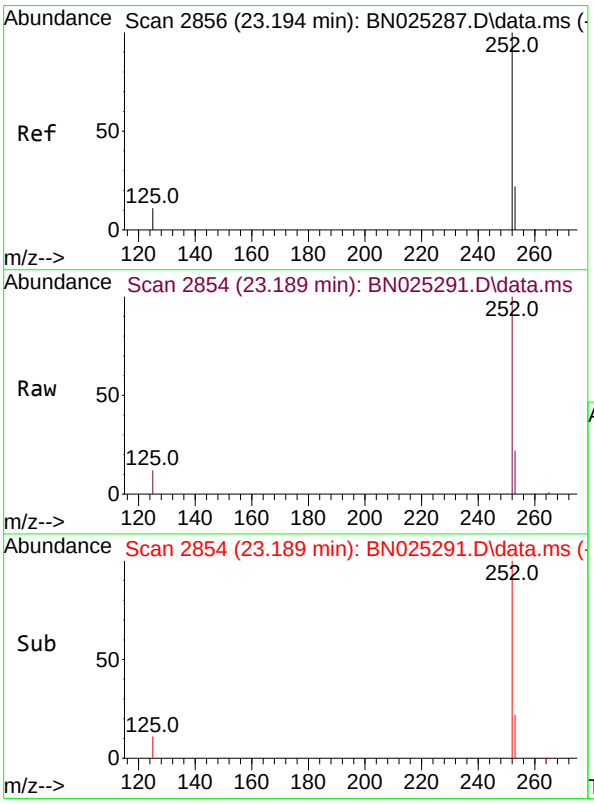
#36
Indeno(1,2,3-cd)pyrene
Concen: 4.422 ng
RT: 26.452 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 572444

Ion	Ratio	Lower	Upper
276	100		
138	28.3	22.5	33.7
277	24.9	19.8	29.6

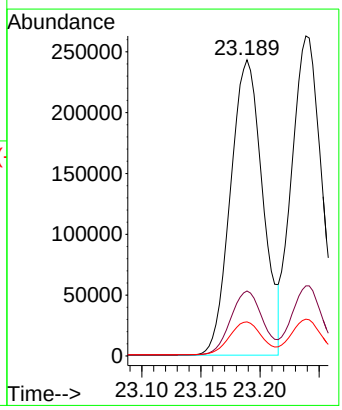


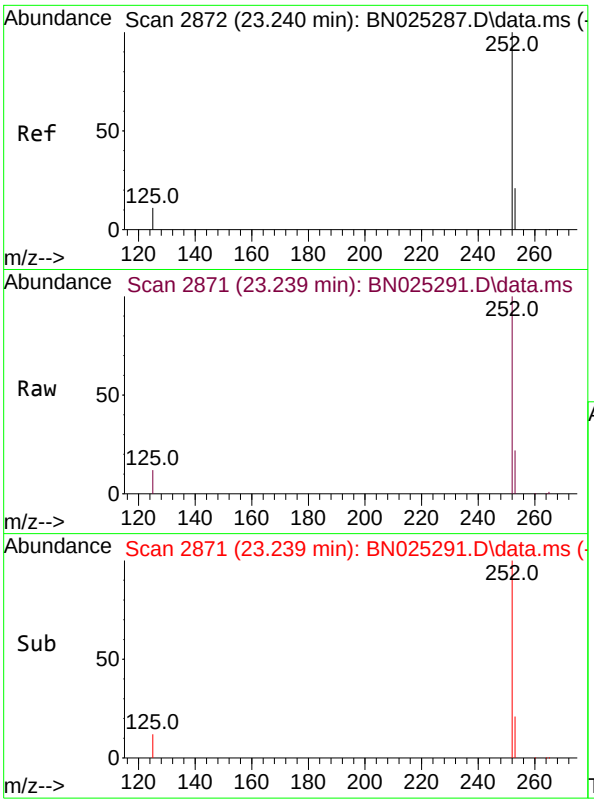


#37
Benzo(b)fluoranthene
Concen: 4.110 ng
RT: 23.189 min Scan# 2854
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:252 Resp: 460216

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.8	31.2
125	11.5	13.4	20.2#



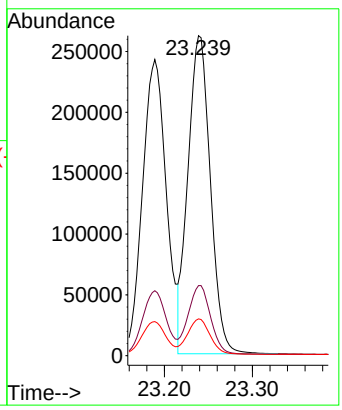


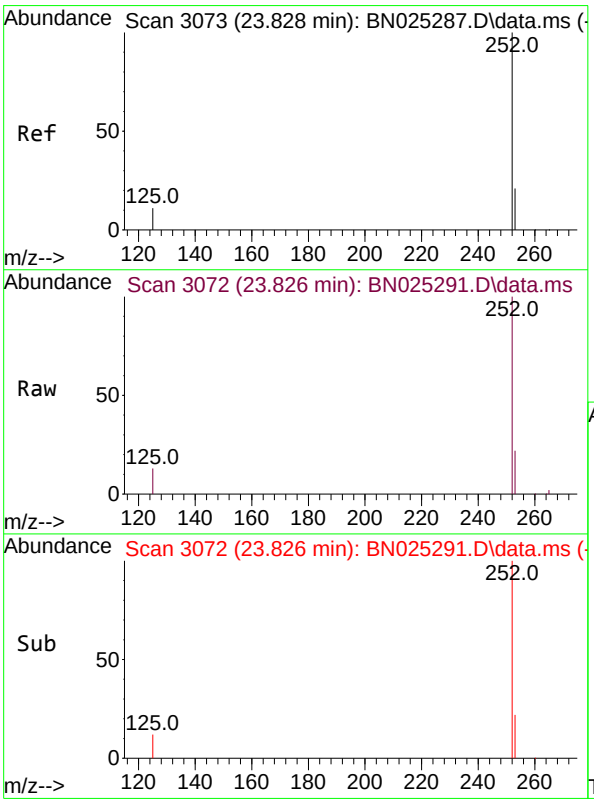
#38
Benzo(k)fluoranthene
Concen: 4.181 ng
RT: 23.239 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 464019

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.6	30.8
125	11.5	13.1	19.7#

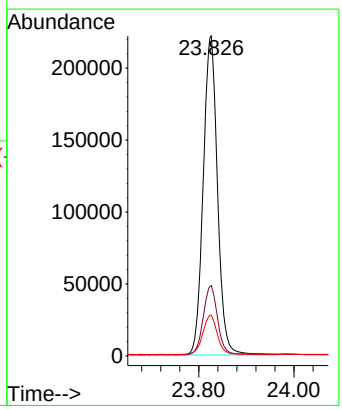


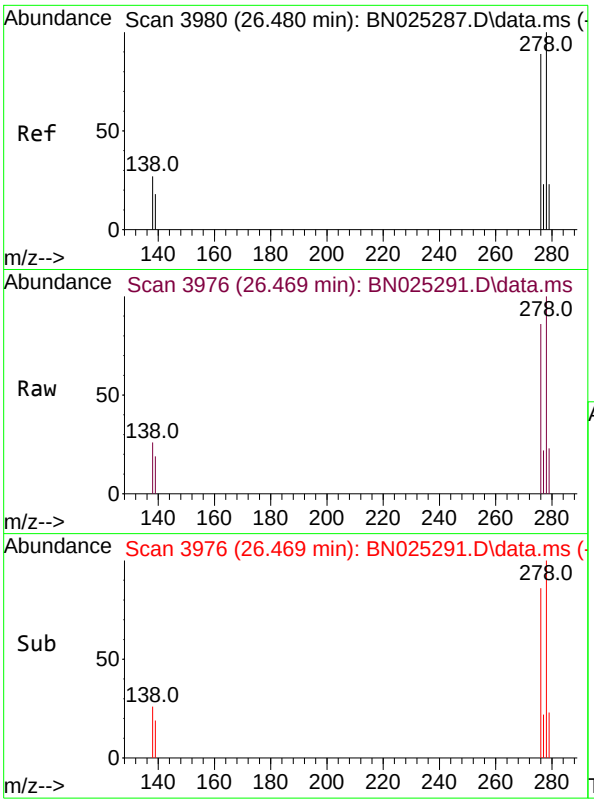


#39
Benzo(a)pyrene
Concen: 4.310 ng
RT: 23.826 min Scan# 3072
Delta R.T. -0.002 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:252 Resp: 461548

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.4	32.0
125	12.7	15.4	23.2#



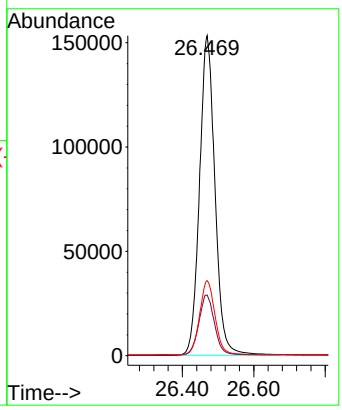


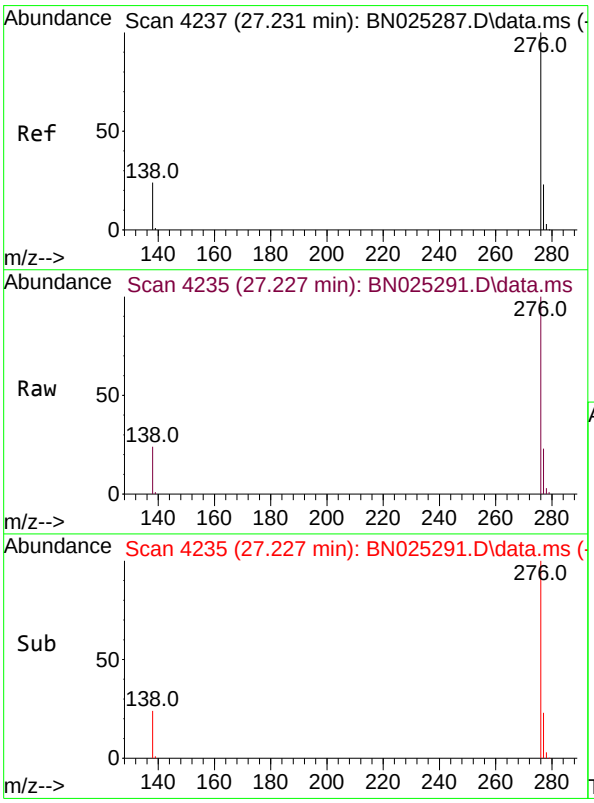
#40
Dibenzo(a,h)anthracene
Concen: 4.515 ng
RT: 26.469 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 459998

Ion	Ratio	Lower	Upper
278	100		
139	19.0	17.6	26.4
279	23.5	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 4.403 ng
RT: 27.227 min Scan# 4235
Delta R.T. -0.005 min
Lab File: BN025291.D
Acq: 05 May 2023 22:36

Tgt Ion:276 Resp: 485960

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.1	30.1
138	24.4	21.0	31.6