Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025287.D
Acq On : 05 May 2023 20:13
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 08 02:05:26 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

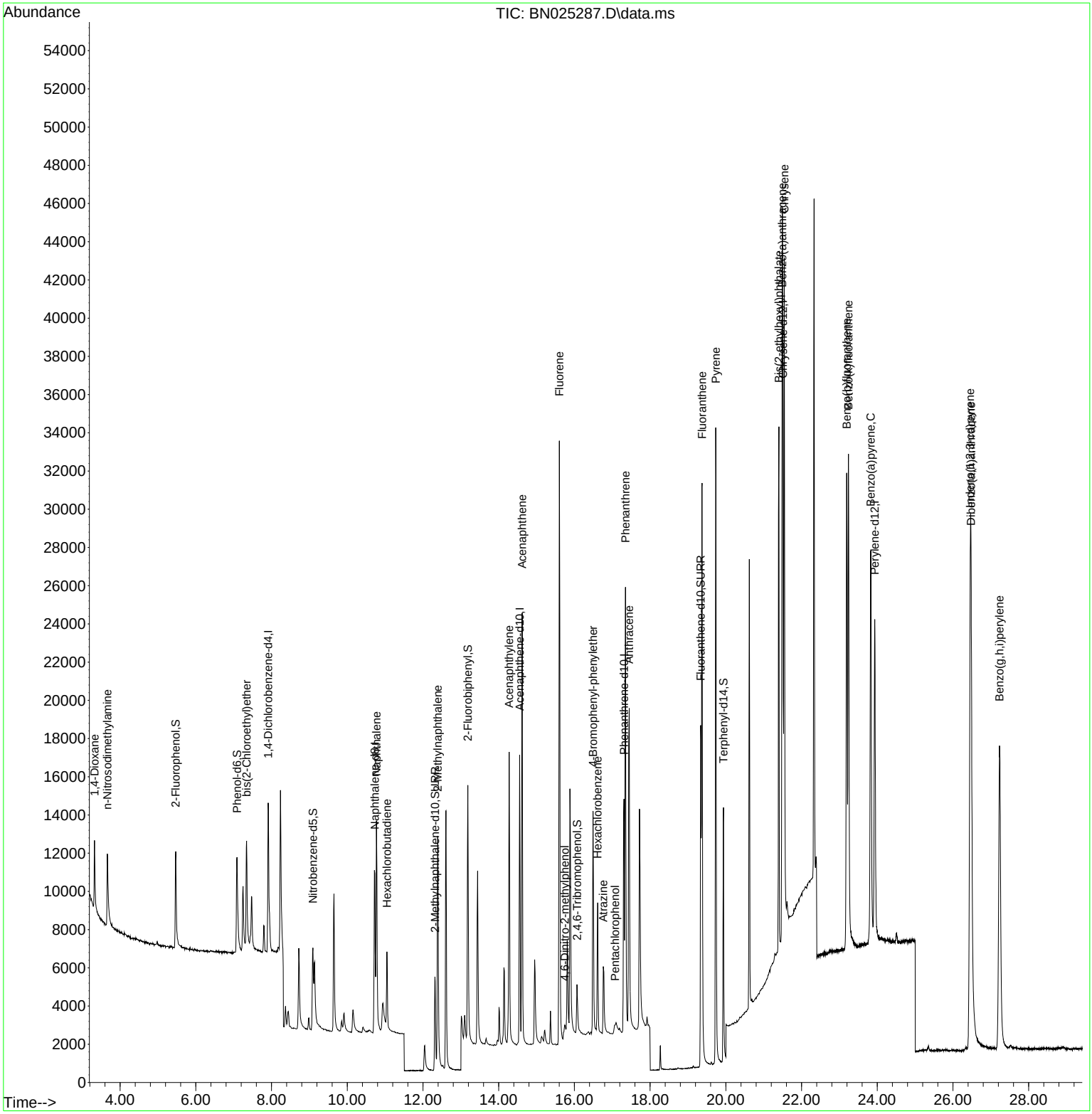
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	4511	0.400	ng		0.00
7) Naphthalene-d8	10.728	136	13724	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	8683	0.400	ng		0.00
19) Phenanthrene-d10	17.311	188	20415	0.400	ng		0.00
29) Chrysene-d12	21.509	240	20897	0.400	ng		0.00
35) Perylene-d12	23.933	264	25284	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	5190	0.498	ng		0.00
5) Phenol-d6	7.088	99	6323	0.481	ng		0.00
8) Nitrobenzene-d5	9.095	82	5023	0.454	ng		0.00
11) 2-Methylnaphthalene-d10	12.317	152	8718	0.480	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	1921	0.492	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	14097	0.425	ng		0.00
27) Fluoranthene-d10	19.338	212	22832	0.493	ng		0.00
31) Terphenyl-d14	19.937	244	19706	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2249	0.454	ng		100
3) n-Nitrosodimethylamine	3.664	42	3437	0.409	ng		100
6) bis(2-Chloroethyl)ether	7.340	93	5454	0.409	ng		100
9) Naphthalene	10.771	128	16243	0.460	ng		100
10) Hexachlorobutadiene	11.049	225	3162	0.470	ng	#	100
12) 2-Methylnaphthalene	12.389	142	11470	0.467	ng		100
16) Acenaphthylene	14.277	152	17771	0.487	ng		100
17) Acenaphthene	14.619	154	11508	0.466	ng		100
18) Fluorene	15.603	166	15529	0.458	ng		100
20) 4,6-Dinitro-2-methylph...	15.747	198	792	0.292	ng		100
21) 4-Bromophenyl-phenylether	16.492	248	5044	0.419	ng		100
22) Hexachlorobenzene	16.616	284	5521	0.405	ng		100
23) Atrazine	16.765	200	4368	0.533	ng		100
24) Pentachlorophenol	17.075	266	884	0.237	ng		88
25) Phenanthrene	17.348	178	25676	0.433	ng		100
26) Anthracene	17.447	178	23271	0.450	ng		100
28) Fluoranthene	19.372	202	31807	0.473	ng		100
30) Pyrene	19.734	202	33355	0.449	ng		100
32) Benzo(a)anthracene	21.491	228	32256	0.457	ng		100
33) Chrysene	21.544	228	33751	0.456	ng		100
34) Bis(2-ethylhexyl)phtha...	21.401	149	26026	0.686	ng		100
36) Indeno(1,2,3-cd)pyrene	26.456	276	44911	0.405	ng		100
37) Benzo(b)fluoranthene	23.194	252	35296	0.368	ng		100
38) Benzo(k)fluoranthene	23.240	252	36378	0.383	ng		100
39) Benzo(a)pyrene	23.828	252	36121	0.394	ng		100
40) Dibenzo(a,h)anthracene	26.480	278	35393	0.406	ng		100
41) Benzo(g,h,i)perylene	27.231	276	39378	0.417	ng		100

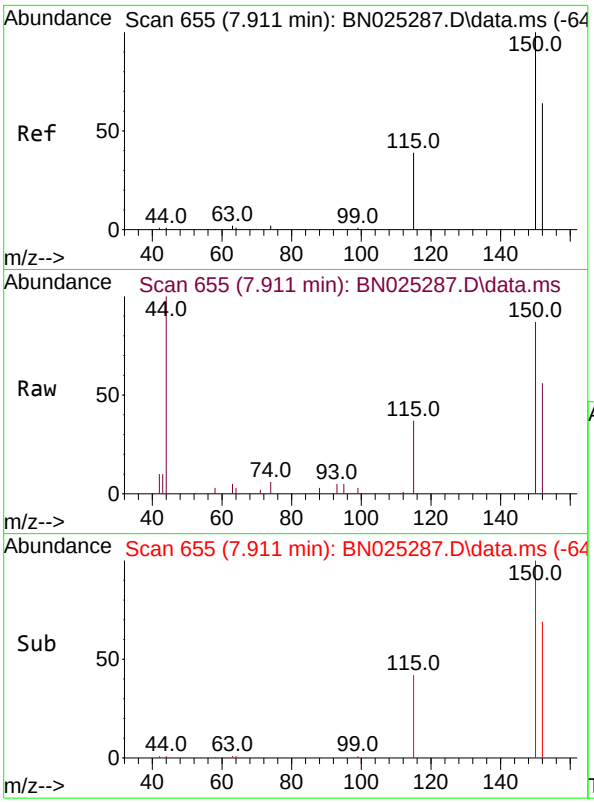
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025287.D
Acq On : 05 May 2023 20:13
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 08 02:05:26 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



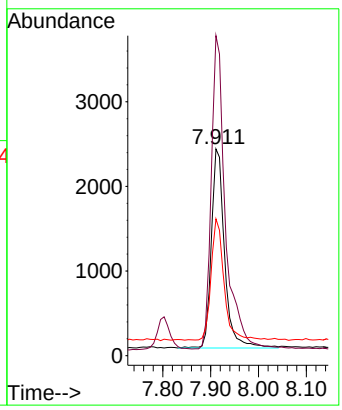


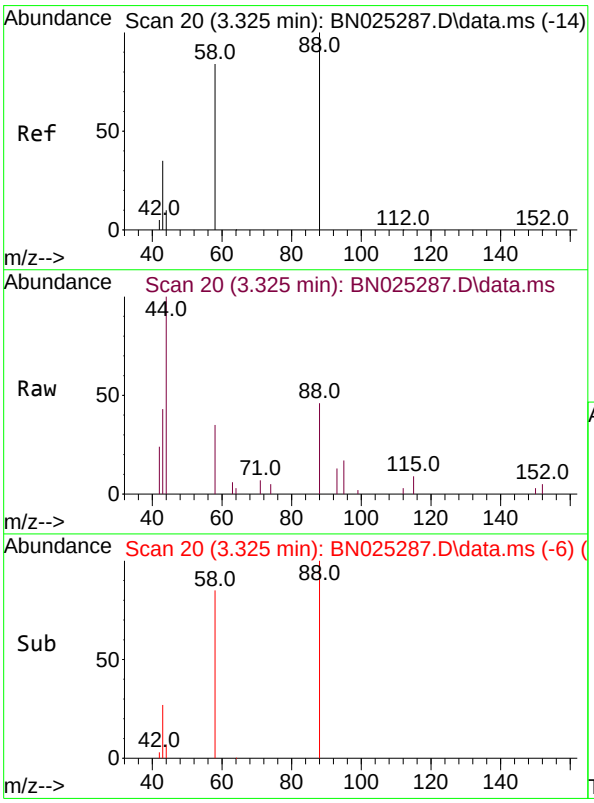
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 4511

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	66.1	52.9	79.3

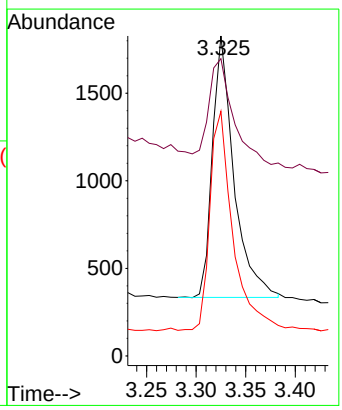


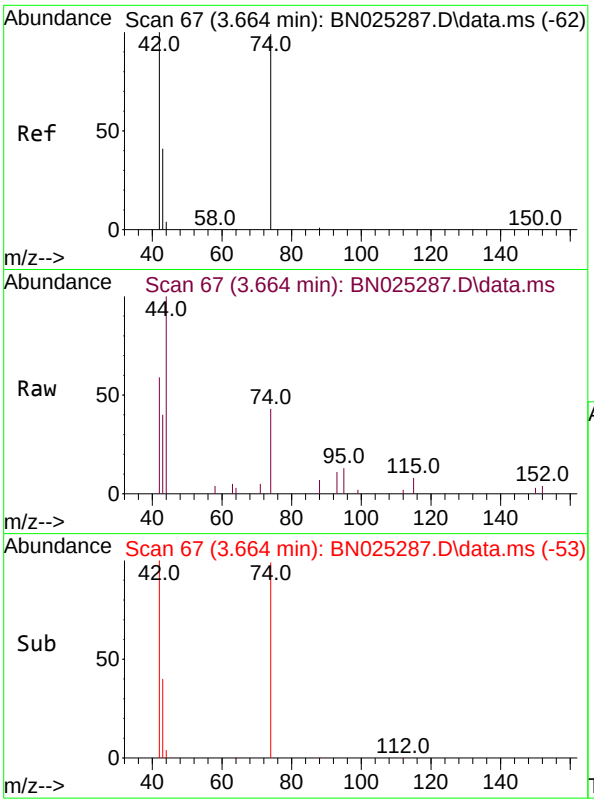


#2
1,4-Dioxane
Concen: 0.454 ng
RT: 3.325 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion: 88 Resp: 2249

Ion	Ratio	Lower	Upper
88	100		
43	46.5	37.2	55.8
58	89.4	71.5	107.3



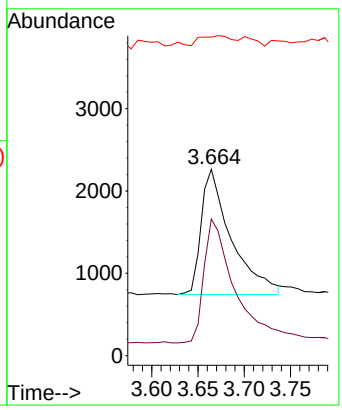


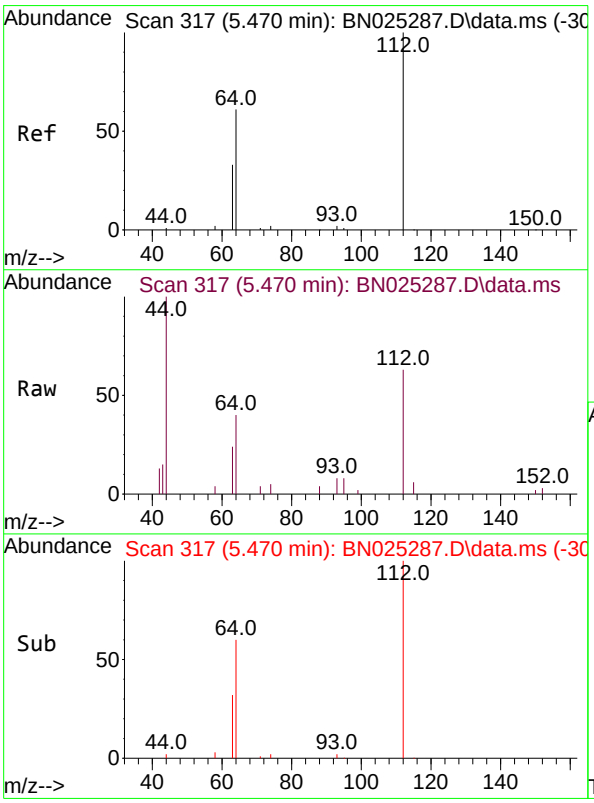
#3
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.664 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 3437

Ion	Ratio	Lower	Upper
42	100		
74	99.9	79.9	119.9
44	8.8	7.0	10.6

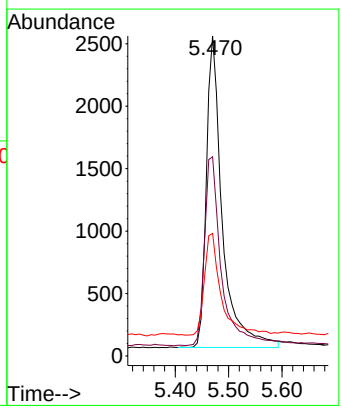


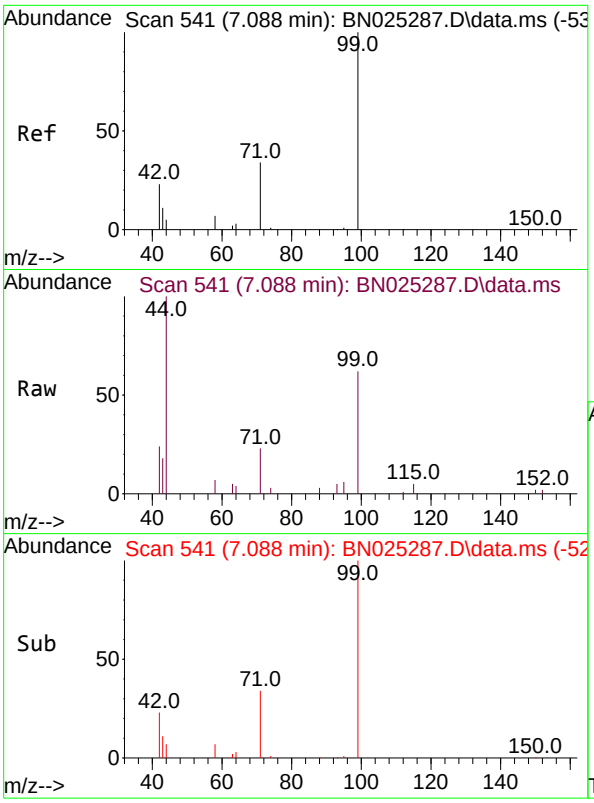


#4
2-Fluorophenol
Concen: 0.498 ng
RT: 5.470 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:112 Resp: 5190

Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.5	77.3
63	34.7	27.8	41.6



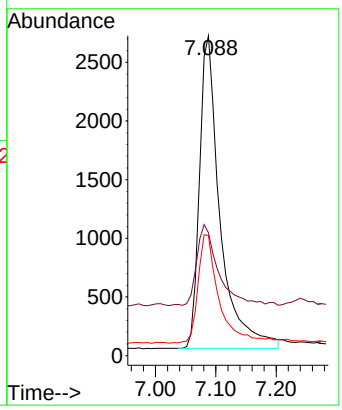


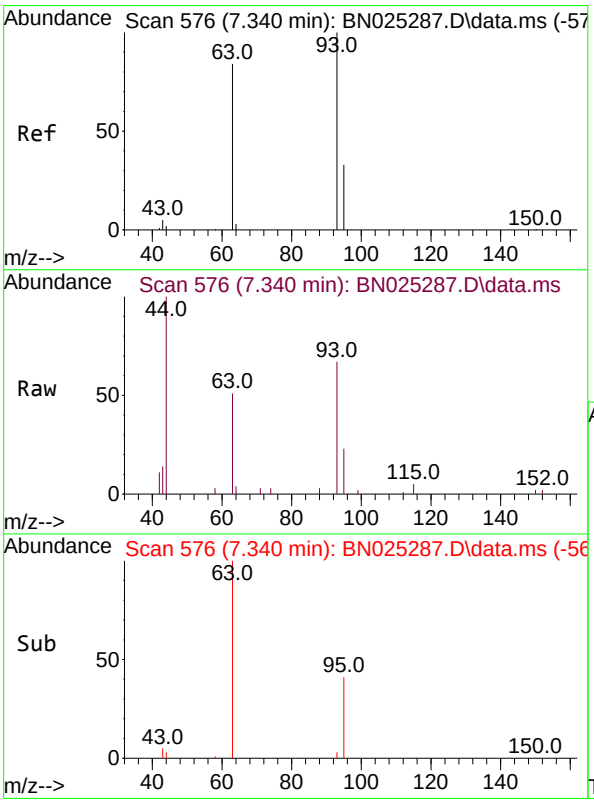
#5
Phenol-d6
Concen: 0.481 ng
RT: 7.088 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 6323

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.0	33.0
71	35.9	28.7	43.1

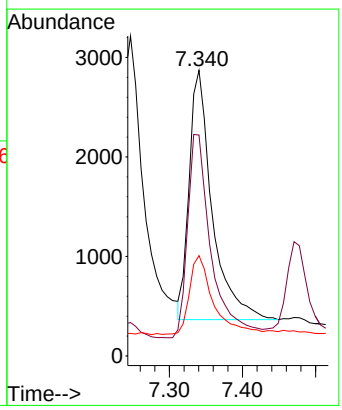


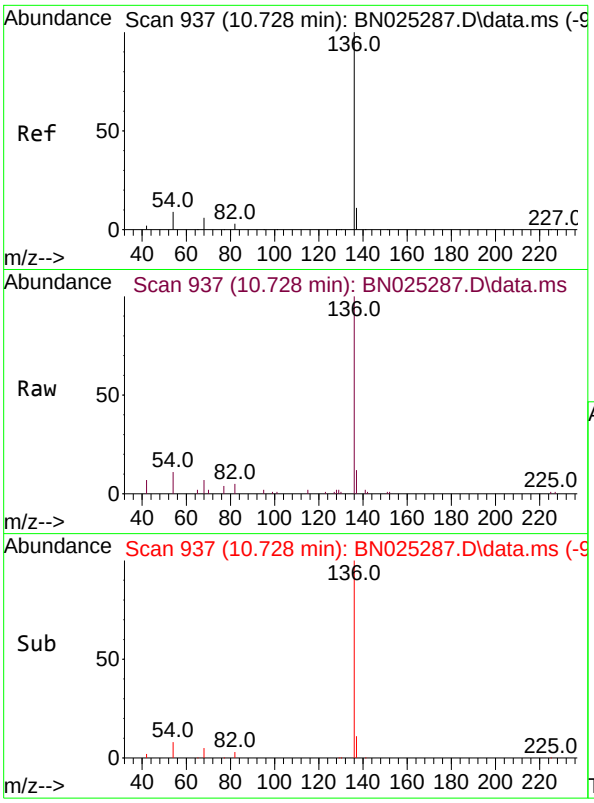


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.340 min Scan# 576
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion: 93 Resp: 5454

Ion	Ratio	Lower	Upper
93	100		
63	84.7	67.8	101.6
95	33.4	26.7	40.1



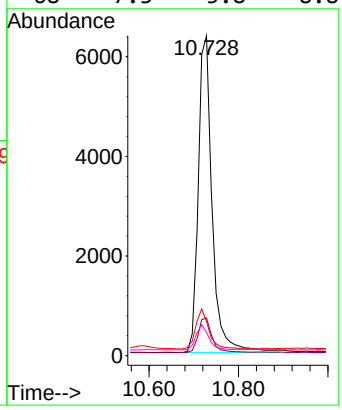


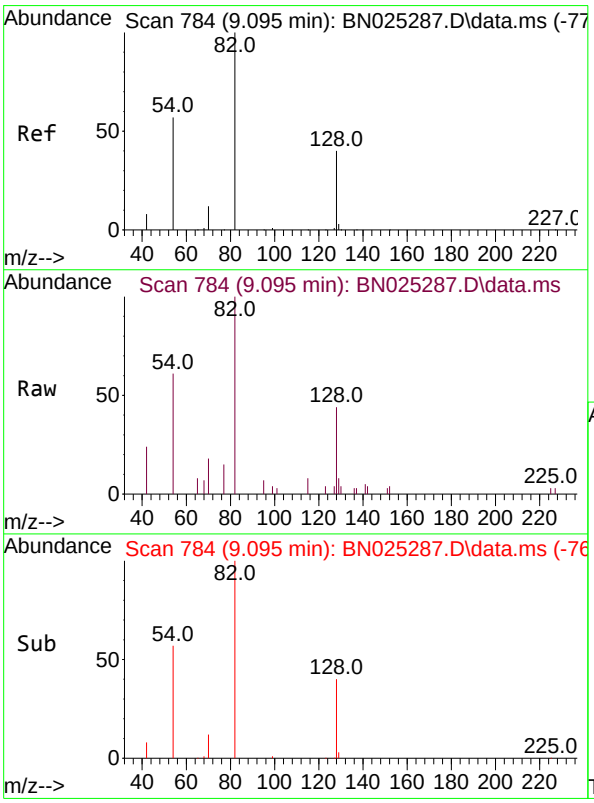
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 13724

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	10.6	8.5	12.7
68	7.3	5.8	8.8

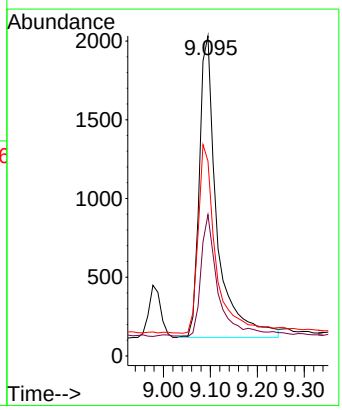


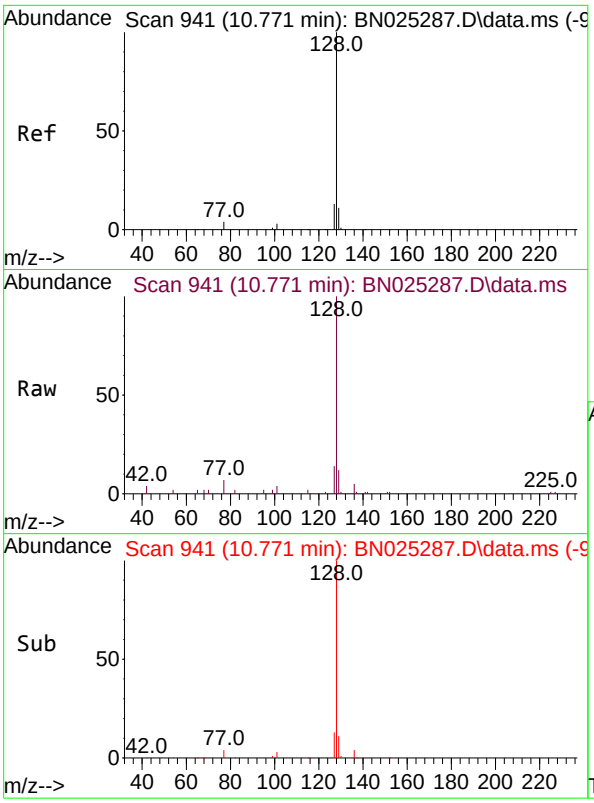


#8
Nitrobenzene-d5
Concen: 0.454 ng
RT: 9.095 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion: 82 Resp: 5023

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.3	52.9
54	60.9	48.7	73.1



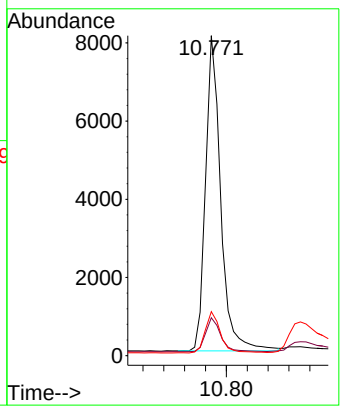


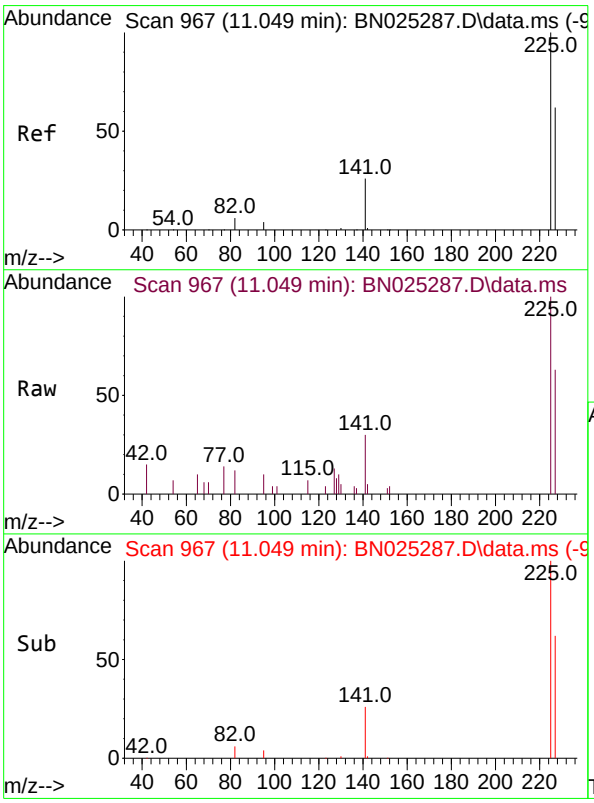
#9
Naphthalene
Concen: 0.460 ng
RT: 10.771 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 16243

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.8	11.0	16.6

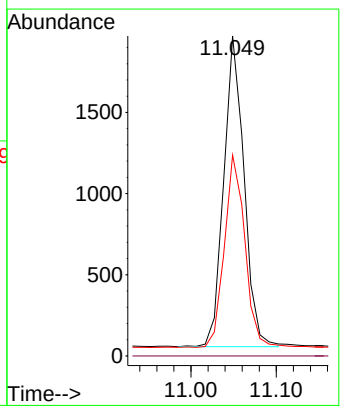


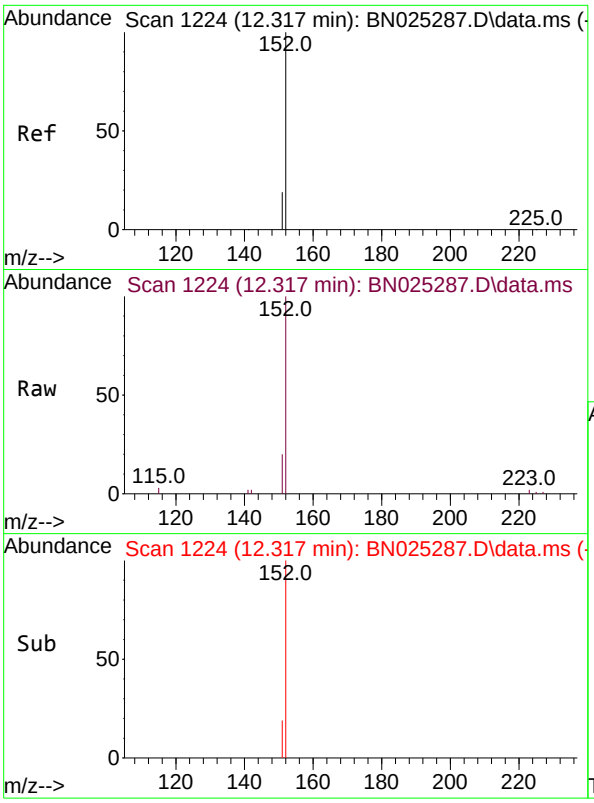


#10
Hexachlorobutadiene
Concen: 0.470 ng
RT: 11.049 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:225 Resp: 3162

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.3	49.8	74.8



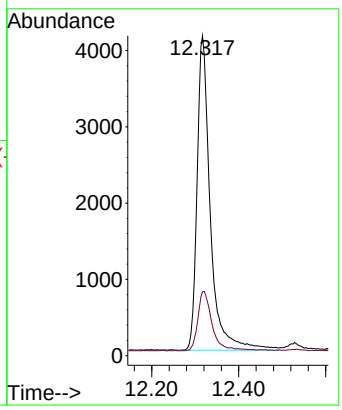


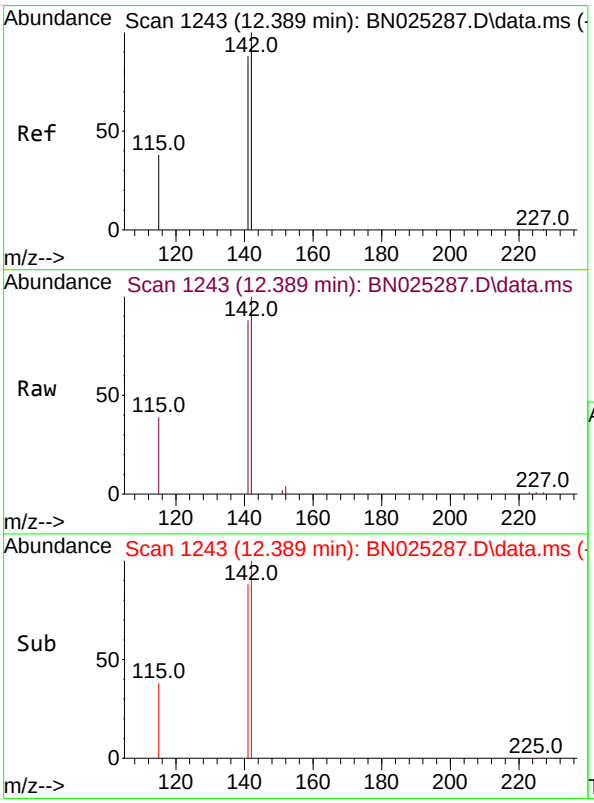
#11
2-Methylnaphthalene-d10
Concen: 0.480 ng
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 8718

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

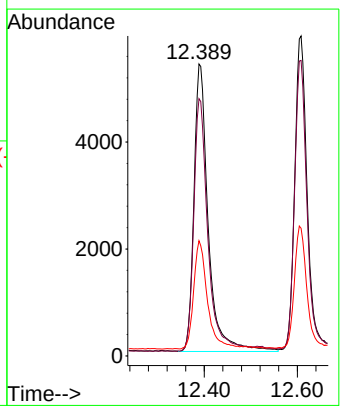


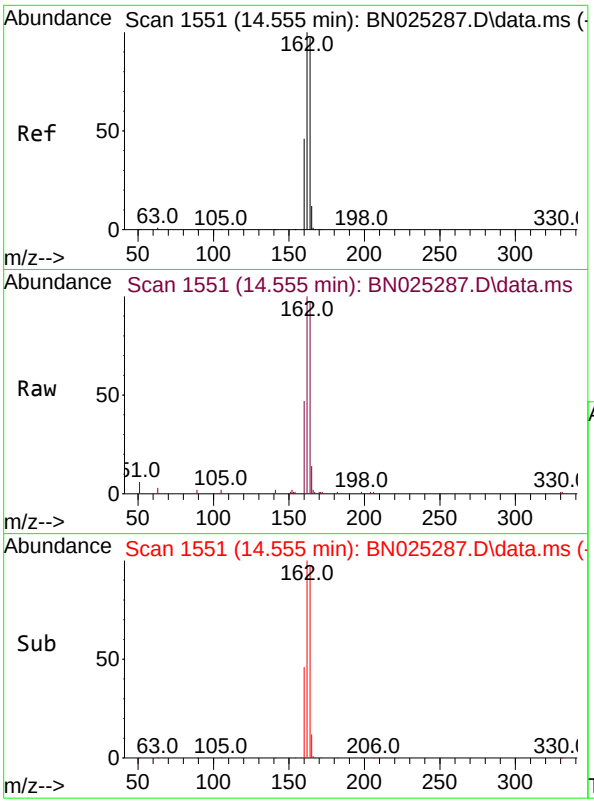


#12
2-Methylnaphthalene
Concen: 0.467 ng
RT: 12.389 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:142 Resp: 11470

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.5	105.7
115	39.5	31.6	47.4



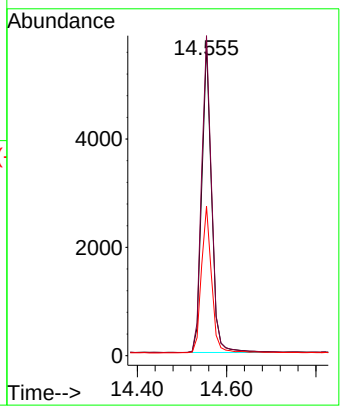


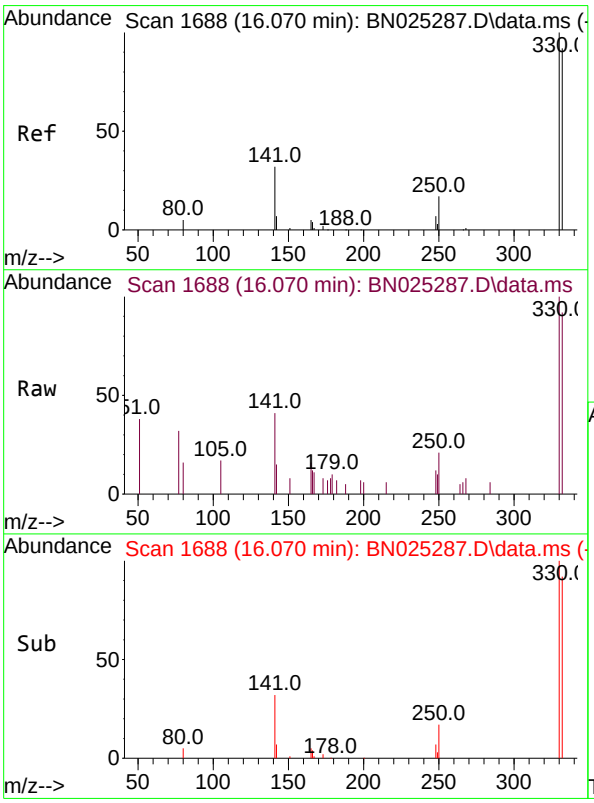
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 8683

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	47.9	38.3	57.5

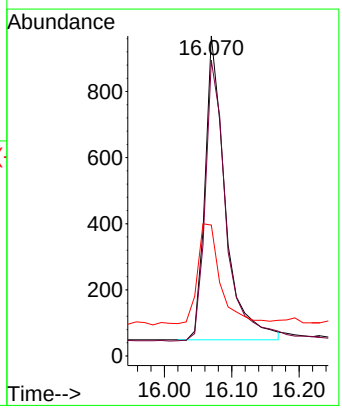


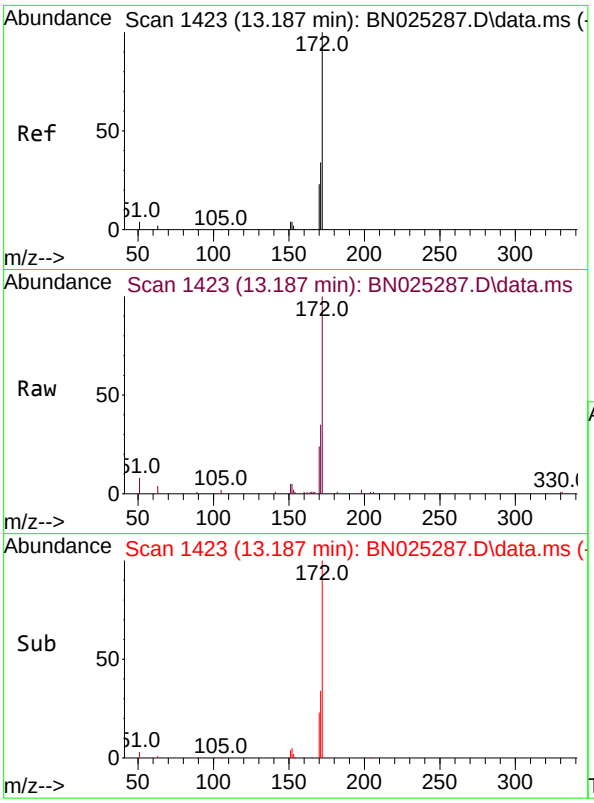


#14
2,4,6-Tribromophenol
Concen: 0.492 ng
RT: 16.070 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:330 Resp: 1921

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.0
141	36.1	28.9	43.3



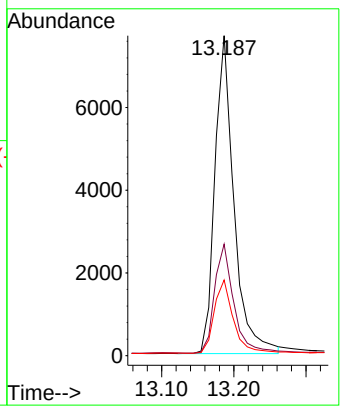


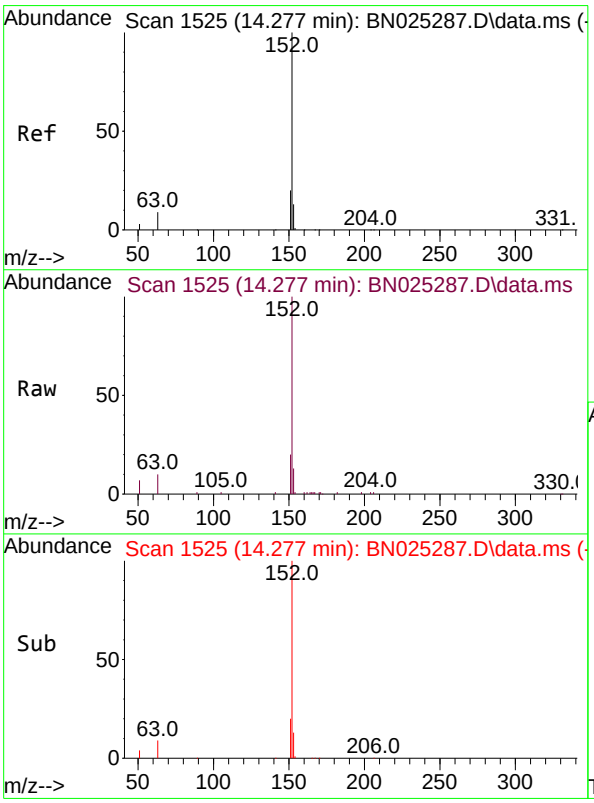
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.187 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 14097

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.9	41.9
170	23.7	19.0	28.4

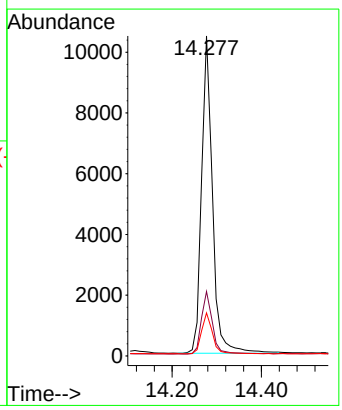


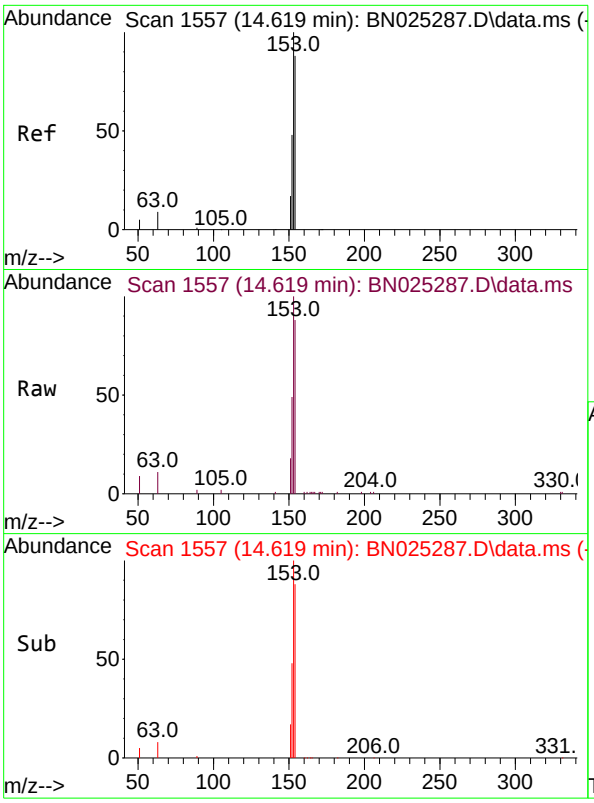


#16
Acenaphthylene
Concen: 0.487 ng
RT: 14.277 min Scan# 1525
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:152 Resp: 17771

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.9	10.3	15.5



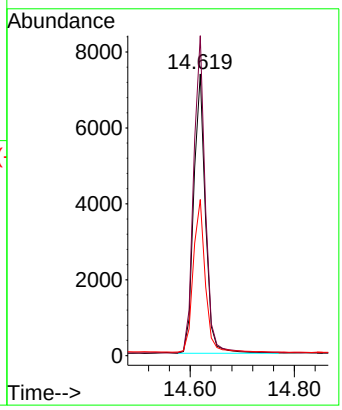


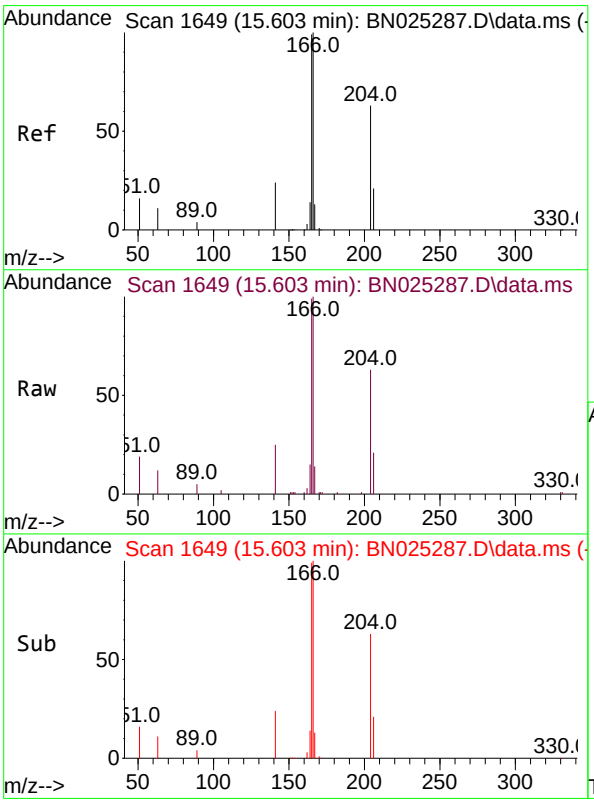
#17
Acenaphthene
Concen: 0.466 ng
RT: 14.619 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 11508

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.3	136.9
152	55.9	44.7	67.1

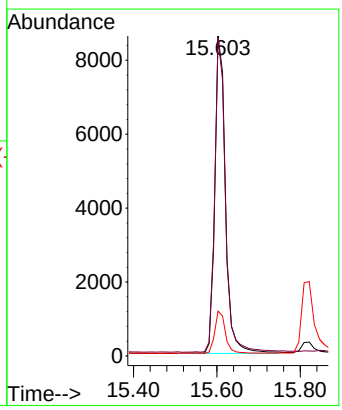


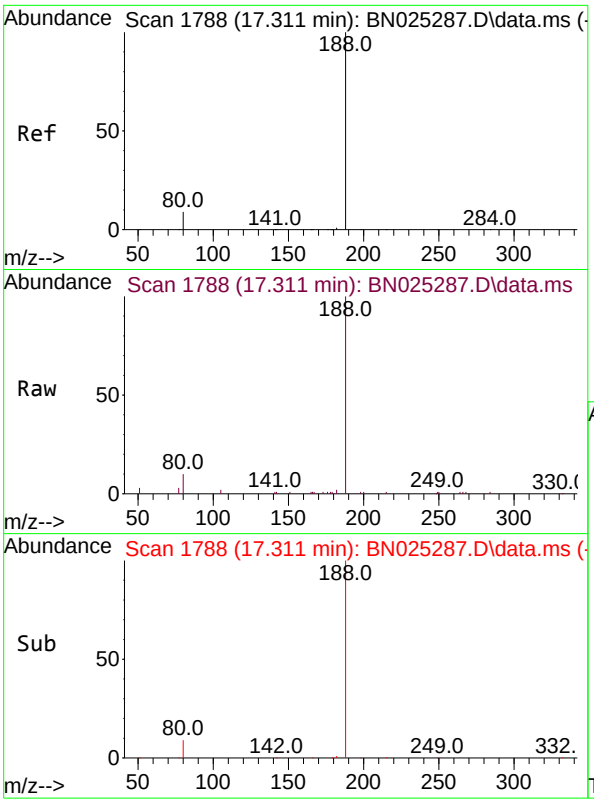


#18
Fluorene
Concen: 0.458 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:166 Resp: 15529

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	12.9	10.3	15.5



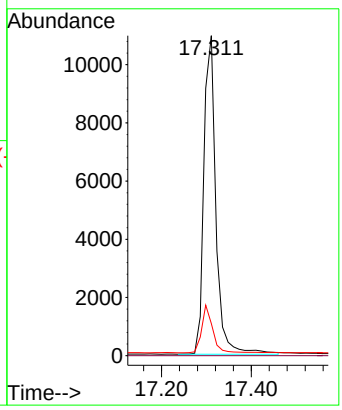


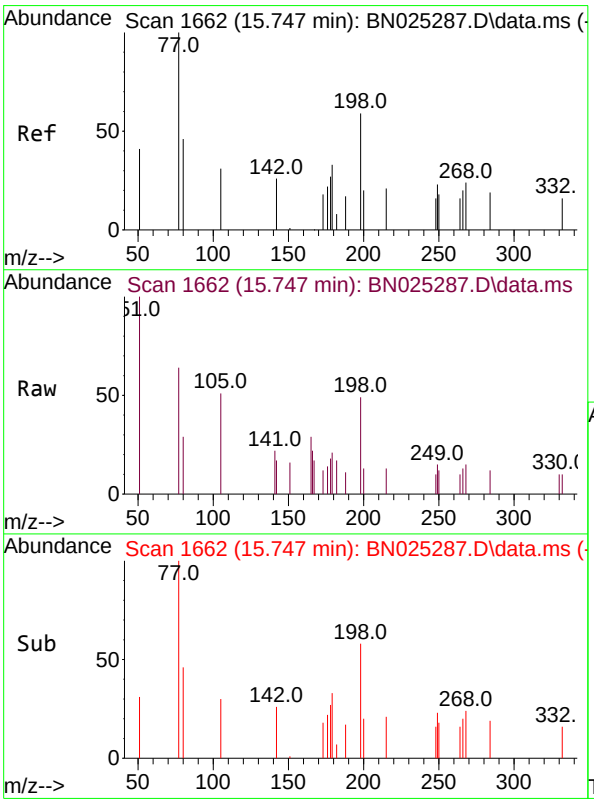
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 20415

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.0	12.0

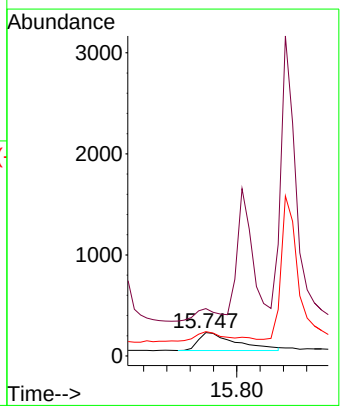


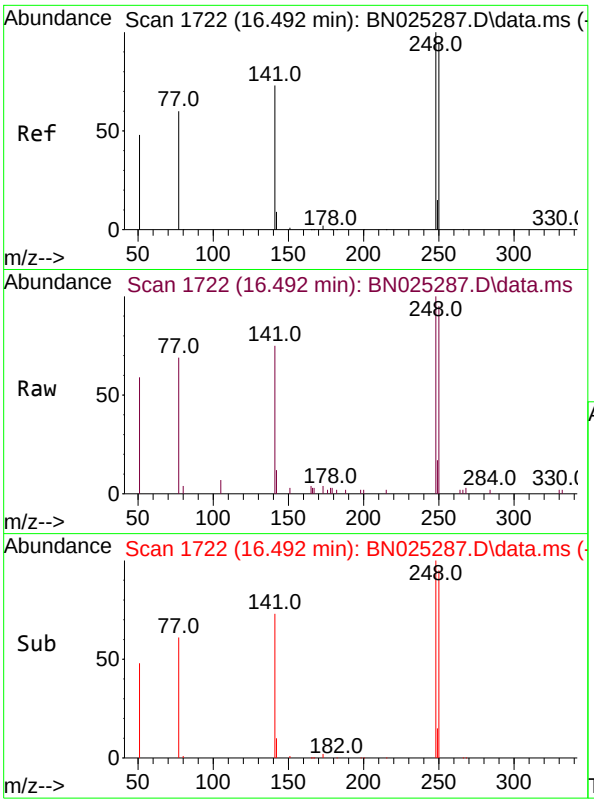


#20
4,6-Dinitro-2-methylphenol
Concen: 0.292 ng
RT: 15.747 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:198 Resp: 792

Ion	Ratio	Lower	Upper
198	100		
51	202.6	162.1	243.1
105	103.9	83.1	124.7



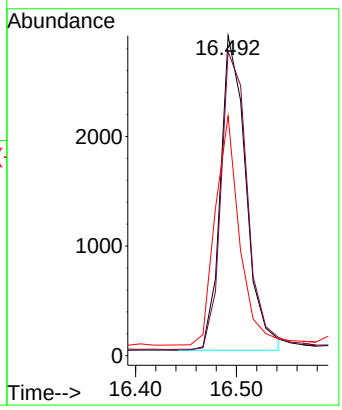


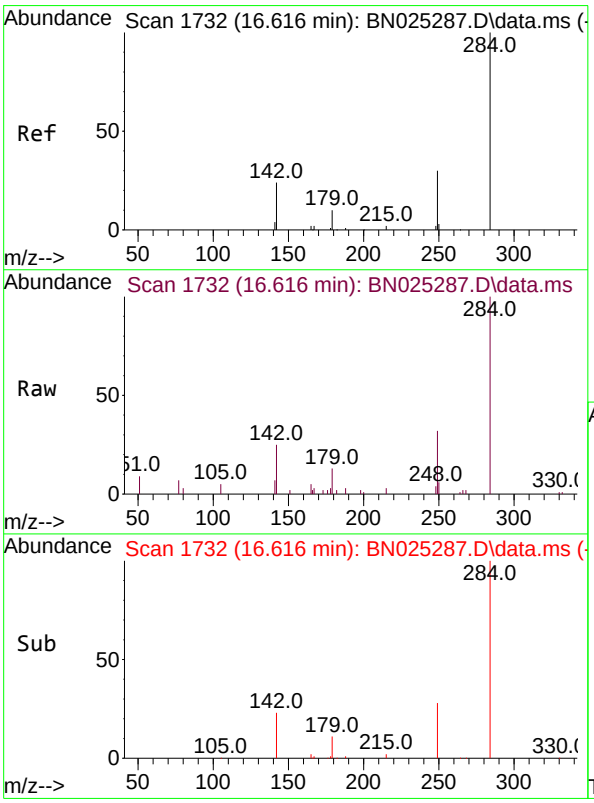
#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:248 Resp: 5044

Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.0	114.0
141	74.9	59.9	89.9

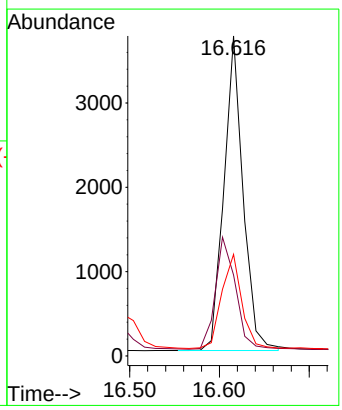


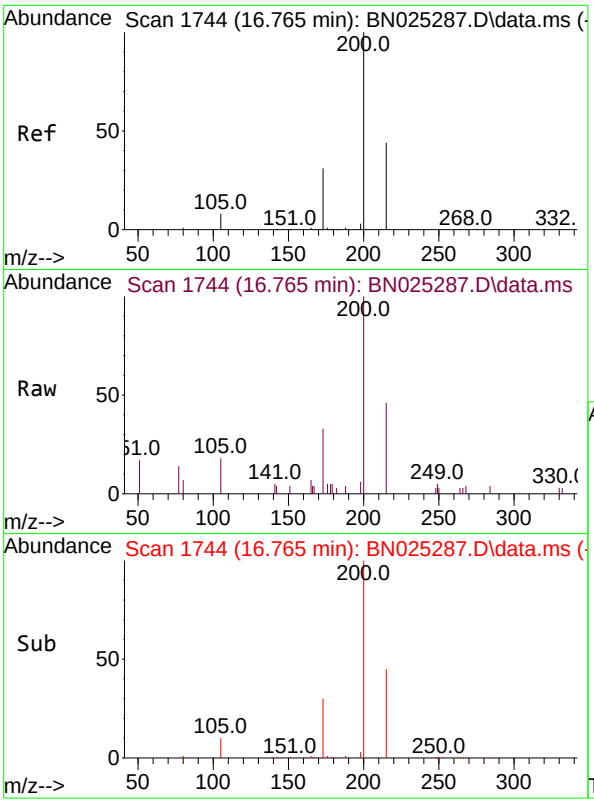


#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.616 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:284 Resp: 5521

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.0	45.0
249	31.3	25.0	37.6



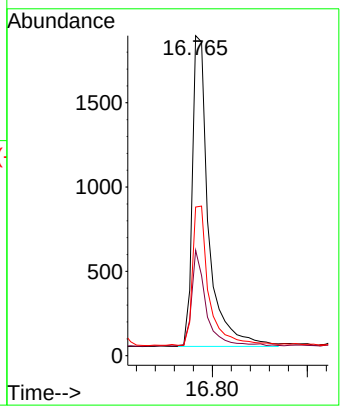


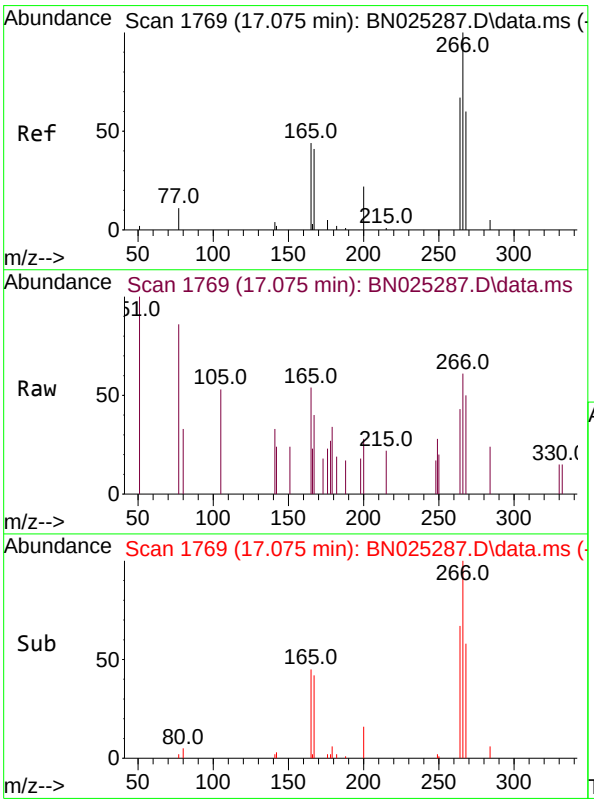
#23
Atrazine
Concen: 0.533 ng
RT: 16.765 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:200 Resp: 4368

Ion	Ratio	Lower	Upper
200	100		
173	32.9	26.3	39.5
215	46.5	37.2	55.8

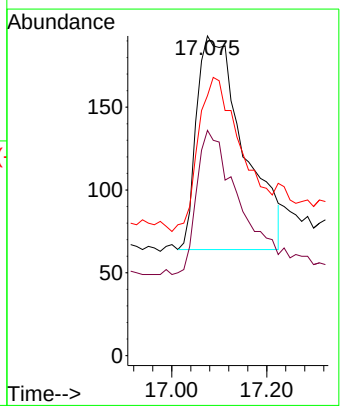


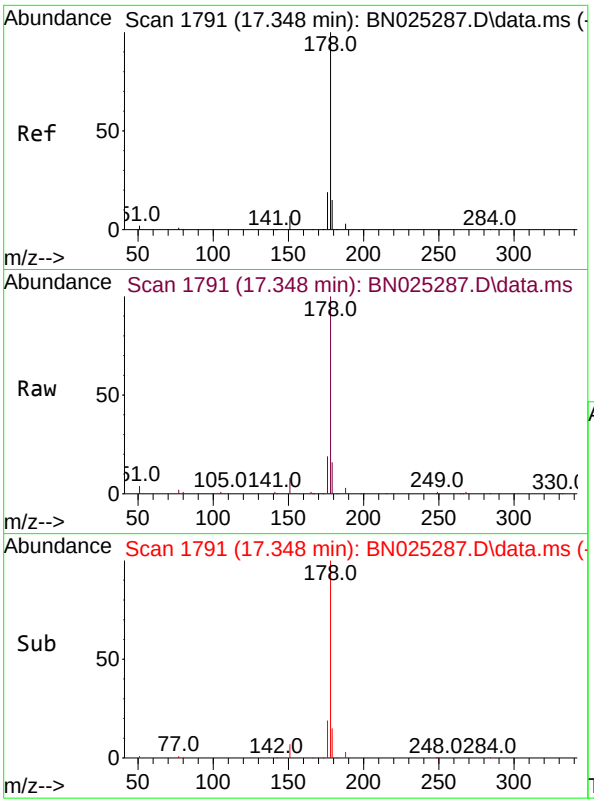


#24
Pentachlorophenol
Concen: 0.237 ng
RT: 17.075 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:266 Resp: 884

Ion	Ratio	Lower	Upper
266	100		
264	61.8	43.0	64.4
268	68.1	47.4	71.2



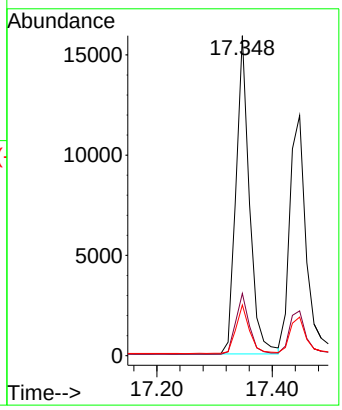


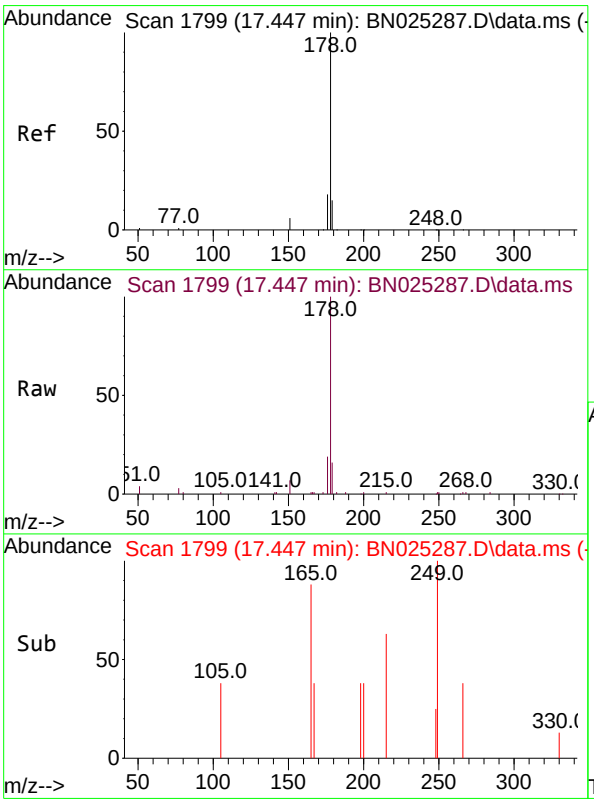
#25
Phenanthrene
Concen: 0.433 ng
RT: 17.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 25676

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.4	18.6

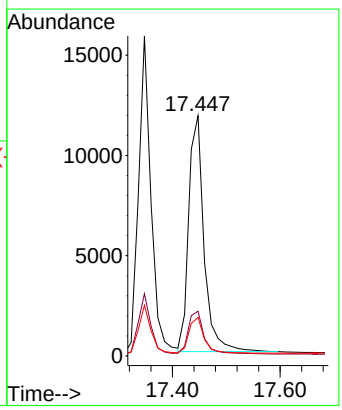


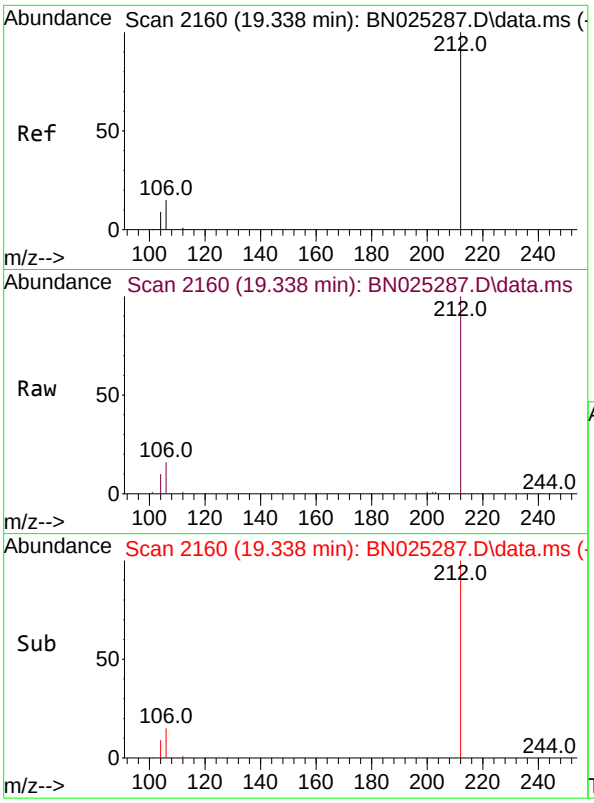


#26
Anthracene
Concen: 0.450 ng
RT: 17.447 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:178 Resp: 23271

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.0	12.0	18.0



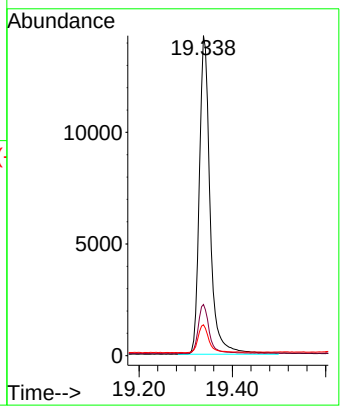


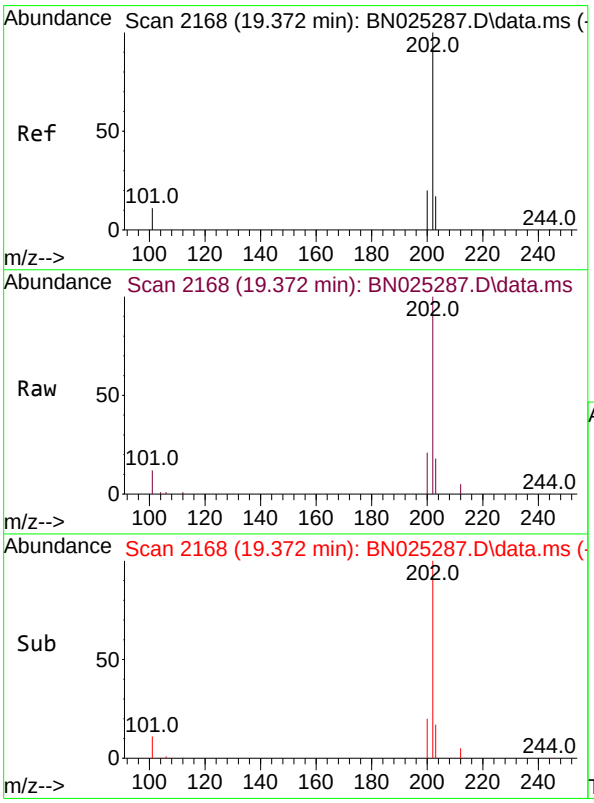
#27
Fluoranthene-d10
Concen: 0.493 ng
RT: 19.338 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:212 Resp: 22832

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	8.8	7.0	10.6

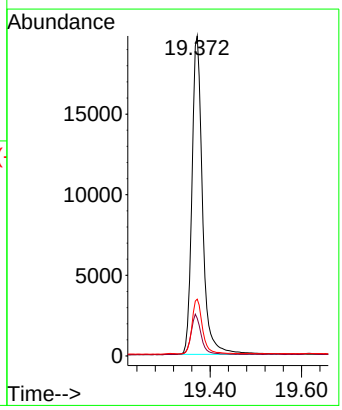


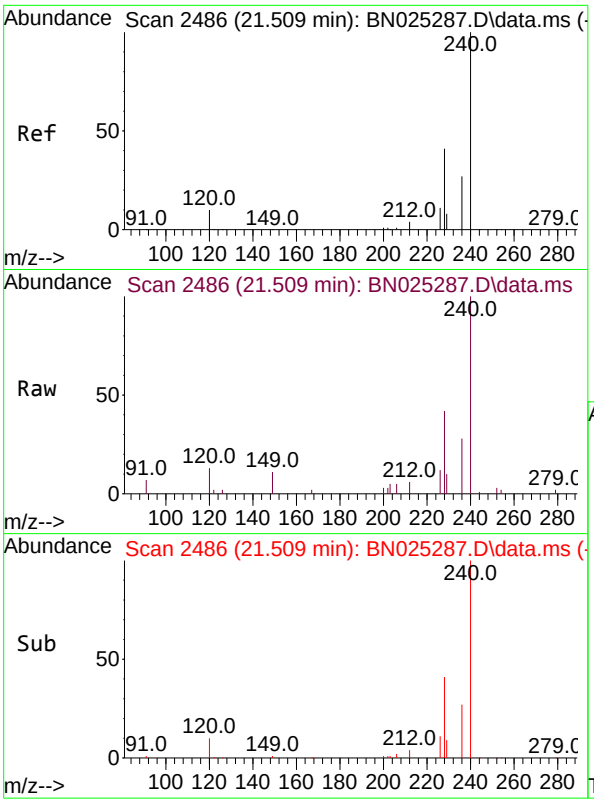


#28
Fluoranthene
Concen: 0.473 ng
RT: 19.372 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:202 Resp: 31807

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	16.9	13.5	20.3



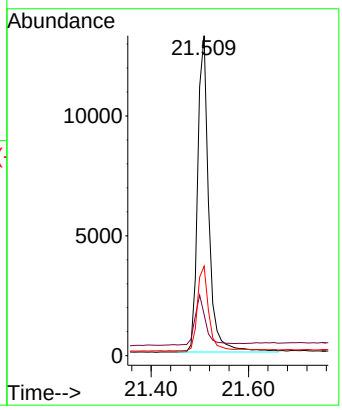


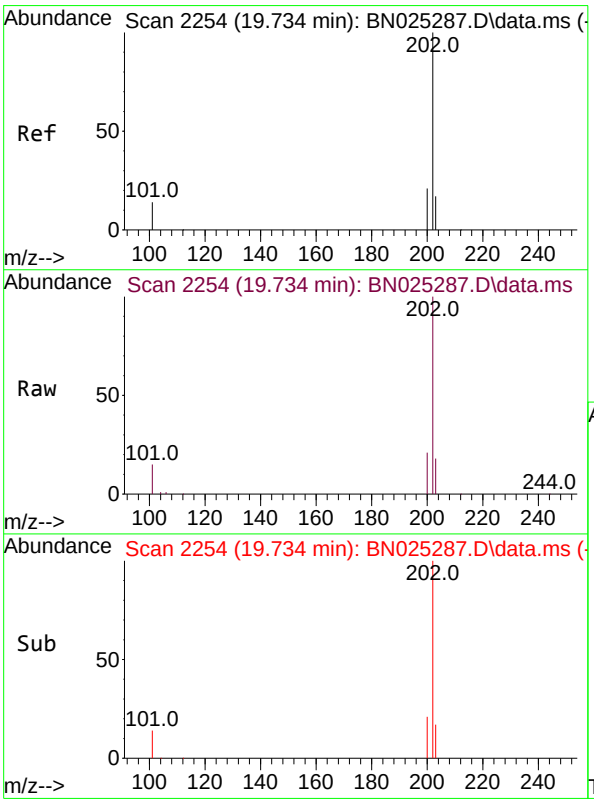
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.509 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:240 Resp: 20897

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.3	15.5
236	27.9	22.3	33.5

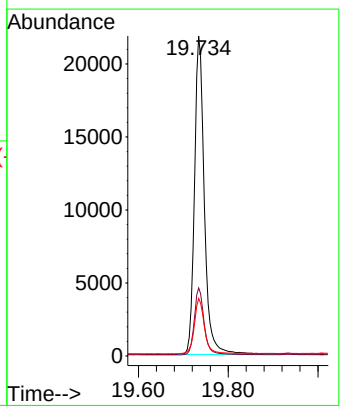


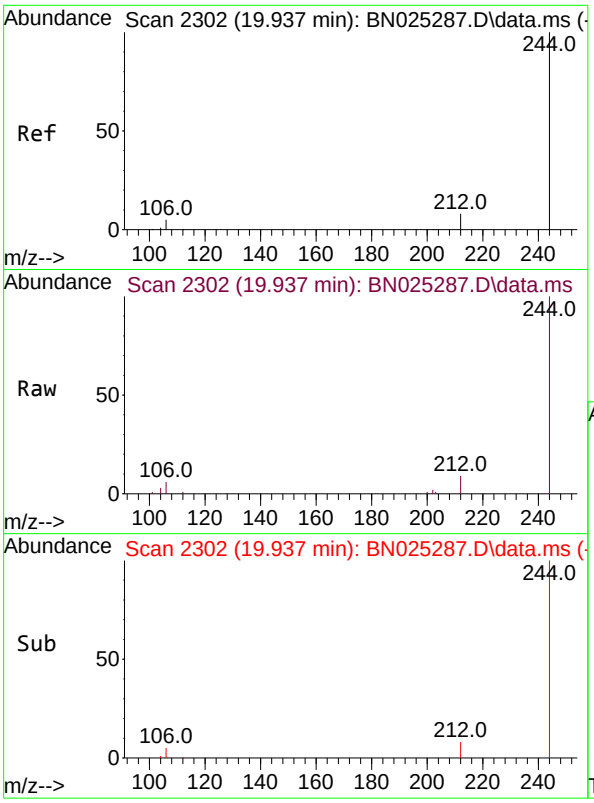


#30
Pyrene
Concen: 0.449 ng
RT: 19.734 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:202 Resp: 33355

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.0	14.4	21.6



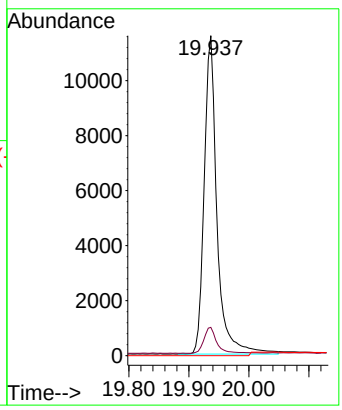


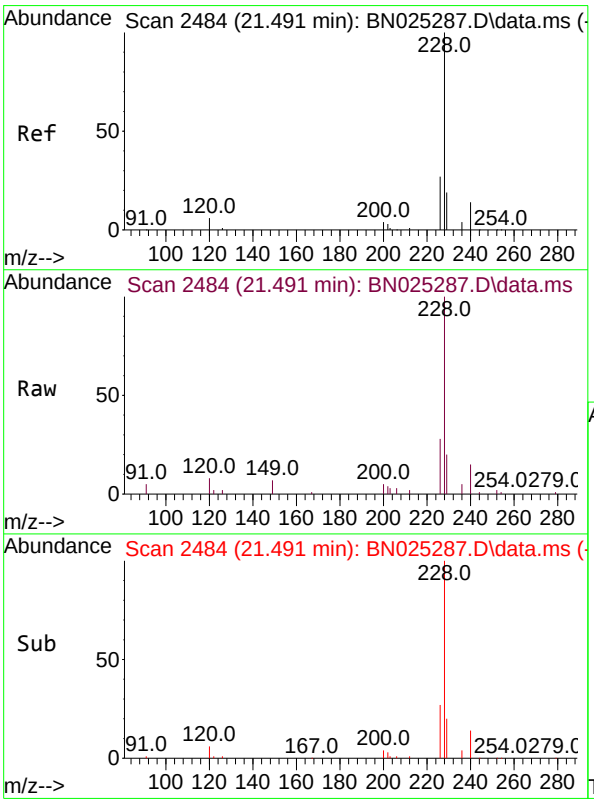
#31
Terphenyl-d14
Concen: 0.416 ng
RT: 19.937 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:244 Resp: 19706

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.1	10.7
122	0.0	0.0	0.0

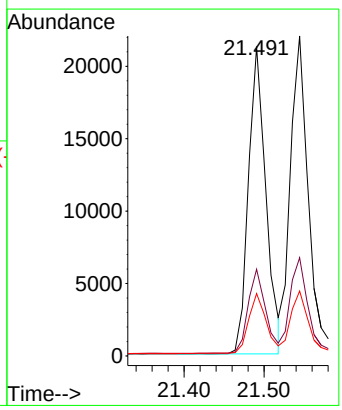


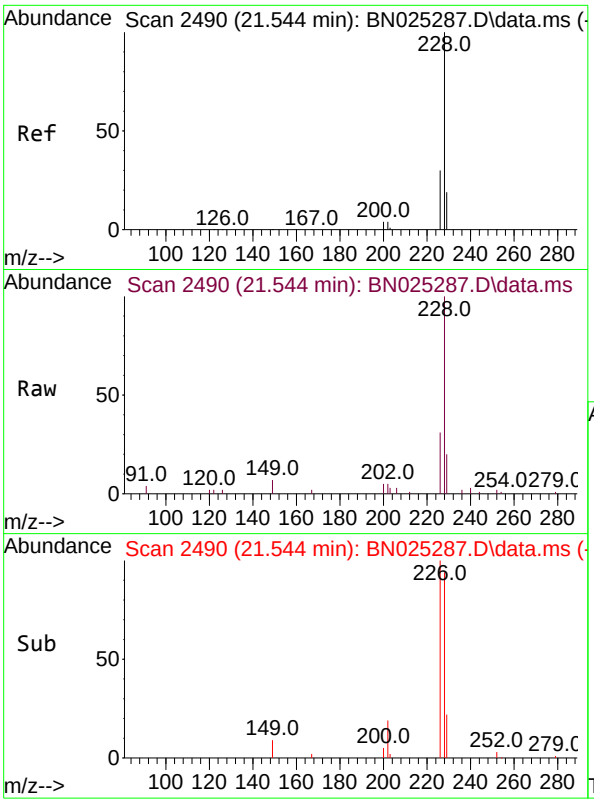


#32
Benzo(a)anthracene
Concen: 0.457 ng
RT: 21.491 min Scan# 2484
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:228 Resp: 32256

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.2	16.2	24.2



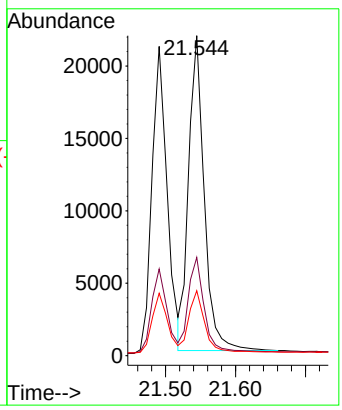


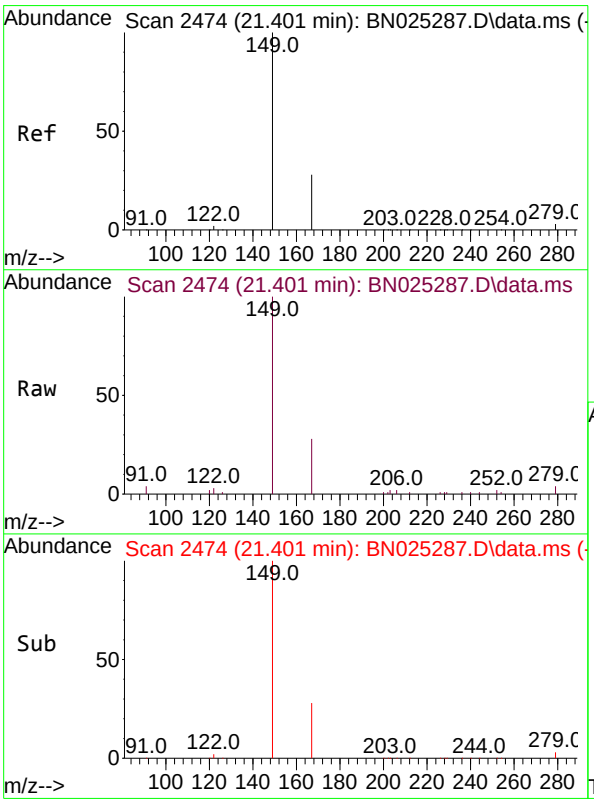
#33
Chrysene
Concen: 0.456 ng
RT: 21.544 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 33751

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	36.8
229	20.3	16.2	24.4

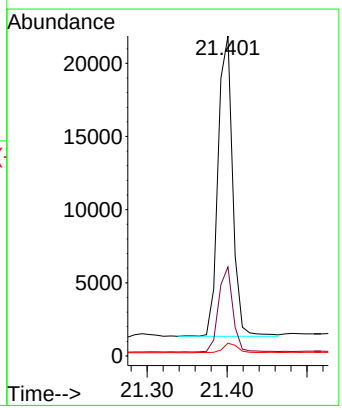


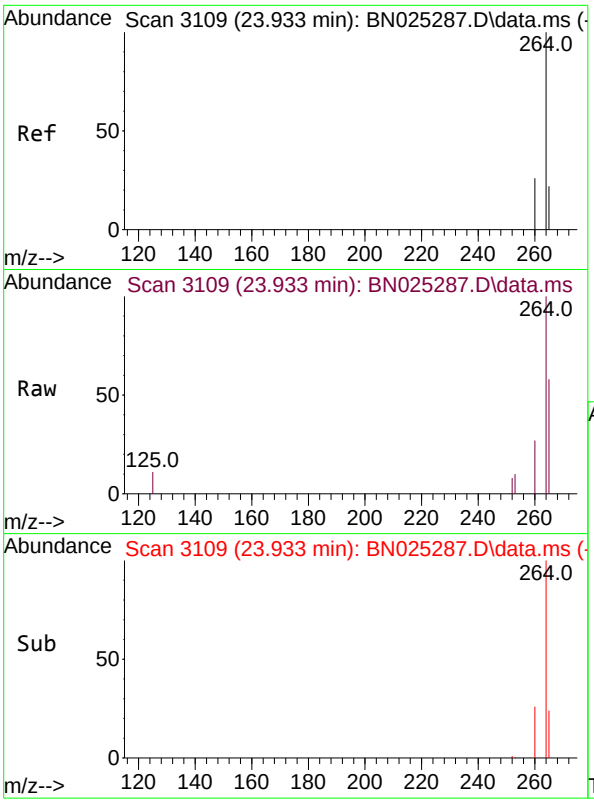


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.686 ng
RT: 21.401 min Scan# 2474
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:149 Resp: 26026

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	3.3	2.6	4.0



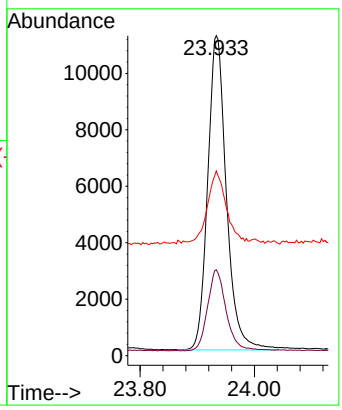


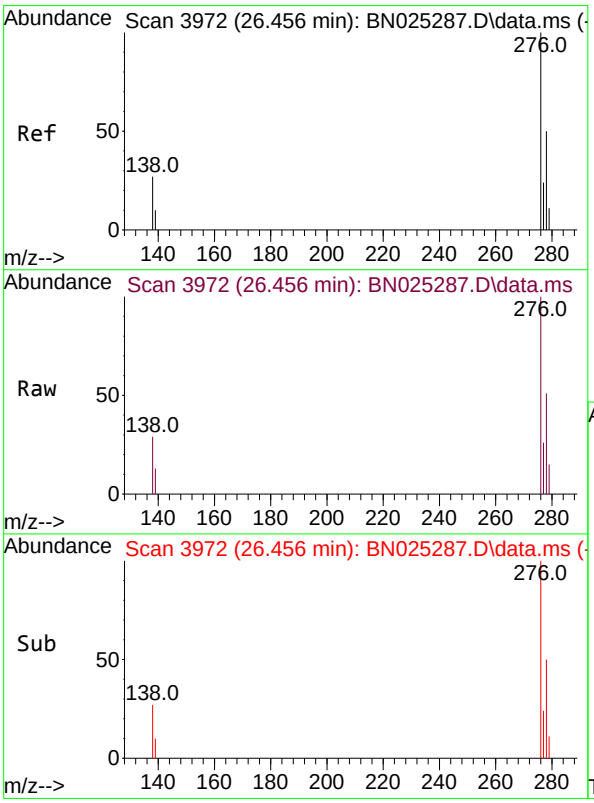
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.933 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:264 Resp: 25284

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.5	32.3
265	57.8	46.2	69.4

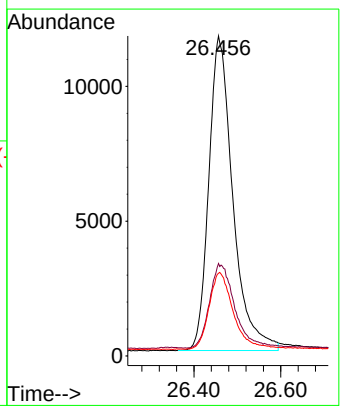


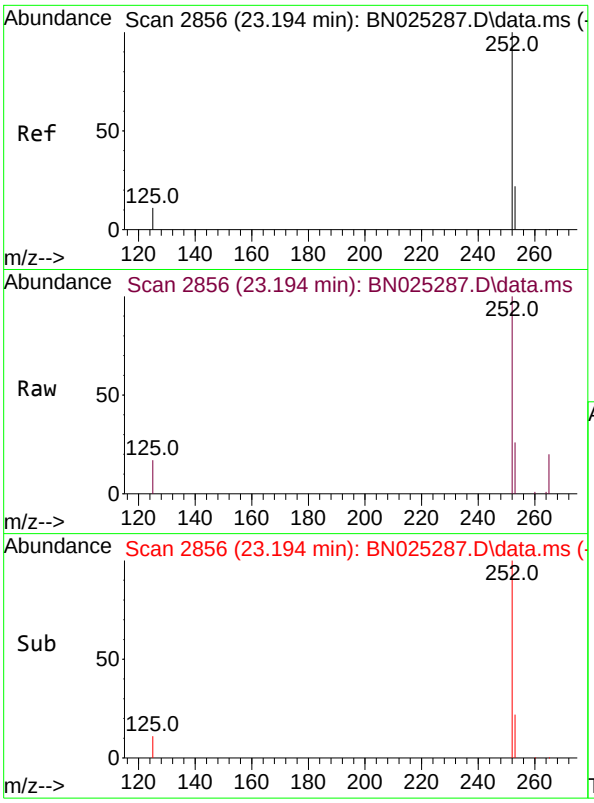


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 26.456 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:276 Resp: 44911

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.5	33.7
277	24.7	19.8	29.6



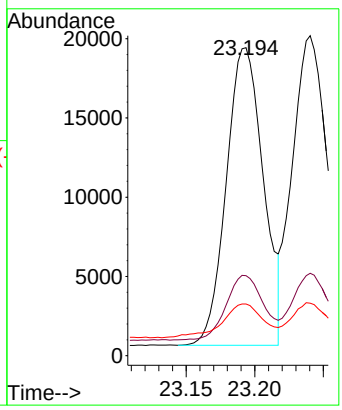


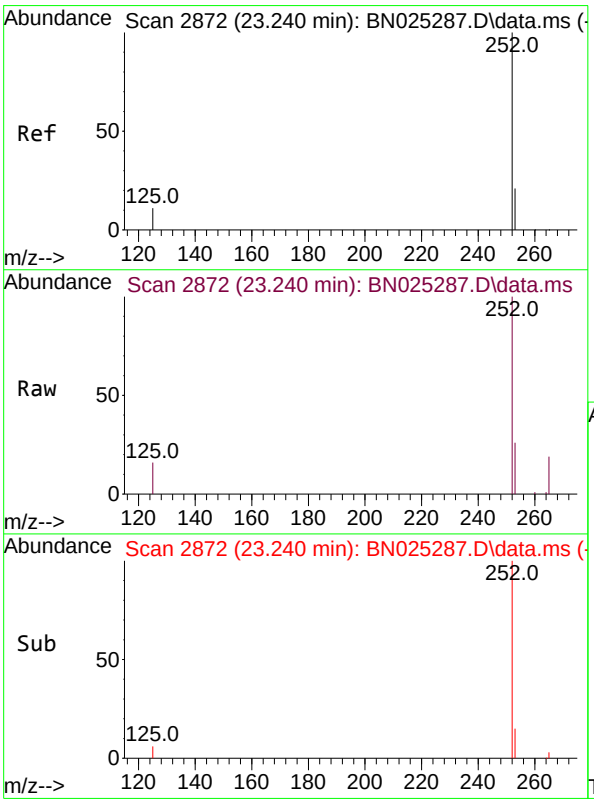
#37
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 23.194 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 35296

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	16.8	13.4	20.2

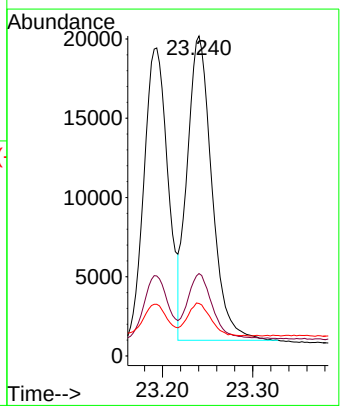


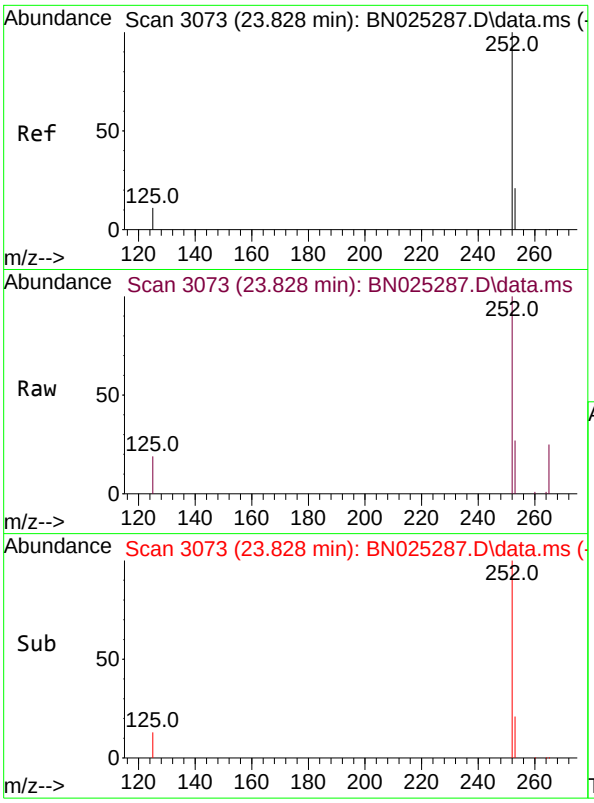


#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 23.240 min Scan# 2872
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:252 Resp: 36378

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	30.8
125	16.4	13.1	19.7



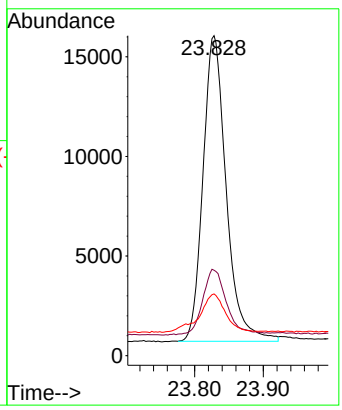


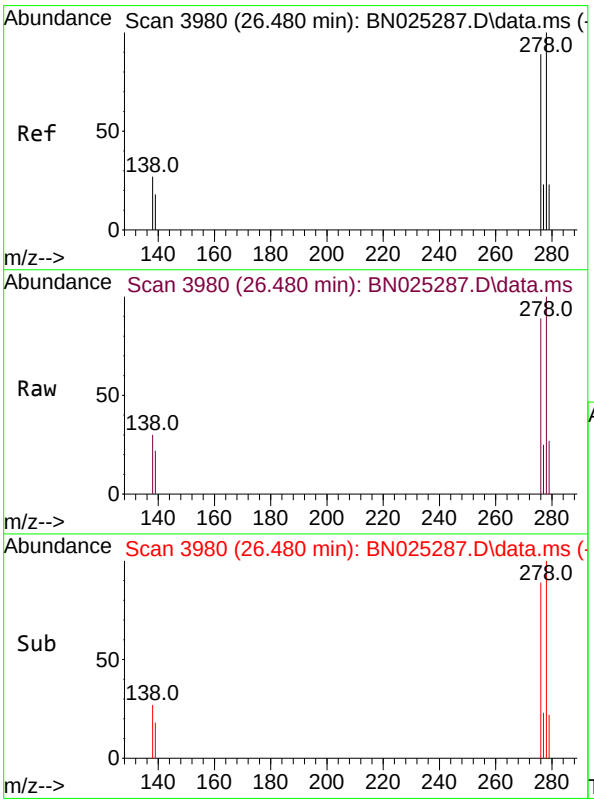
#39
Benzo(a)pyrene
Concen: 0.394 ng
RT: 23.828 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 36121

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.4	32.0
125	19.3	15.4	23.2

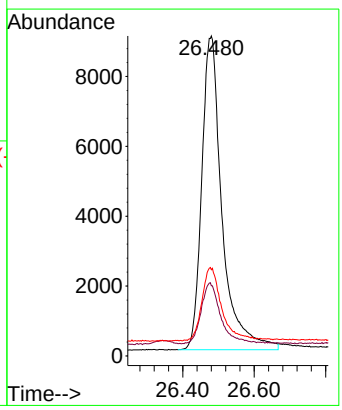


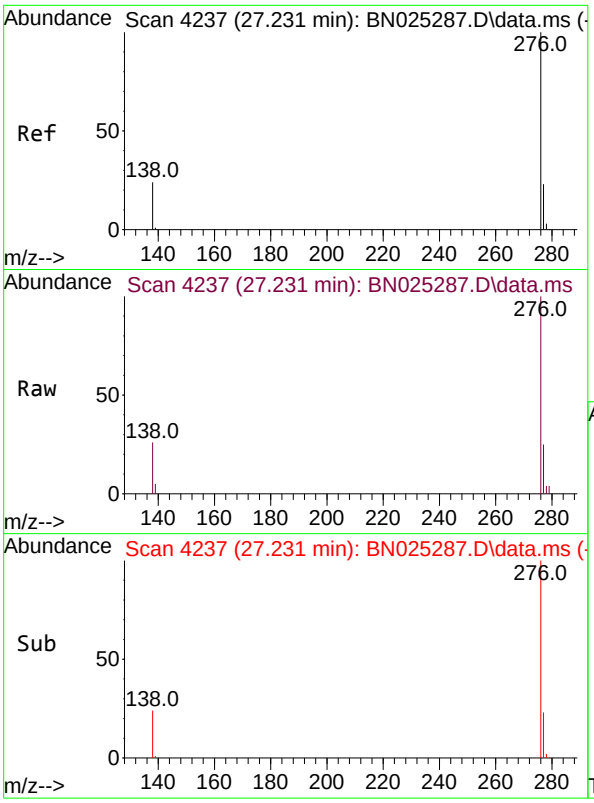


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.480 min Scan# 3980
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Tgt Ion:278 Resp: 35393

Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.6	26.4
279	27.0	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.231 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025287.D
Acq: 05 May 2023 20:13

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 39378

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.1	30.1
138	26.3	21.0	31.6