Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025295.D
Acq On : 06 May 2023 01:36
Operator : CG/JU
Sample : PB152568BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Quant Time: May 08 03:18:08 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 02:37:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	4595	0.400	ng		0.00
7) Naphthalene-d8	10.728	136	14180	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	9306	0.400	ng		0.00
19) Phenanthrene-d10	17.311	188	21832	0.400	ng		0.00
29) Chrysene-d12	21.504	240	21672	0.400	ng		0.00
35) Perylene-d12	23.926	264	25871	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	4748	0.425	ng		0.00
5) Phenol-d6	7.088	99	6019	0.429	ng		0.00
8) Nitrobenzene-d5	9.095	82	4904	0.420	ng		0.00
11) 2-Methylnaphthalene-d10	12.321	152	8947	0.462	ng		0.00
14) 2,4,6-Tribromophenol	16.094	330	1722	0.362	ng		0.02
15) 2-Fluorobiphenyl	13.187	172	14485	0.454	ng		0.00
27) Fluoranthene-d10	19.342	212	23910	0.443	ng		0.00
31) Terphenyl-d14	19.936	244	20116	0.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2256	0.468	ng		98
3) n-Nitrosodimethylamine	3.664	42	3236	0.439	ng	#	98
6) bis(2-Chloroethyl)ether	7.340	93	5060	0.409	ng		99
9) Naphthalene	10.771	128	16552	0.455	ng		100
10) Hexachlorobutadiene	11.049	225	3209	0.466	ng	#	98
12) 2-Methylnaphthalene	12.396	142	11623	0.452	ng		99
16) Acenaphthylene	14.277	152	18454	0.443	ng		99
17) Acenaphthene	14.619	154	11979	0.462	ng		99
18) Fluorene	15.613	166	16354	0.461	ng		99
20) 4,6-Dinitro-2-methylph...	15.846	198	334	0.350	ng	#	5
21) 4-Bromophenyl-phenylether	16.504	248	5203	0.427	ng	#	82
22) Hexachlorobenzene	16.616	284	6067	0.462	ng		98
23) Atrazine	16.777	200	4504	0.423	ng		96
24) Pentachlorophenol	17.087	266	13	0.269	ng	#	23
25) Phenanthrene	17.348	178	26646	0.441	ng		100
26) Anthracene	17.447	178	24024	0.425	ng		99
28) Fluoranthene	19.372	202	32810	0.435	ng		100
30) Pyrene	19.738	202	34436	0.465	ng		100
32) Benzo(a)anthracene	21.486	228	31927	0.436	ng		100
33) Chrysene	21.540	228	35333	0.485	ng		99
34) Bis(2-ethylhexyl)phtha...	21.387	149	23653	0.411	ng		99
36) Indeno(1,2,3-cd)pyrene	26.452	276	45230	0.436	ng		99
37) Benzo(b)fluoranthene	23.186	252	35593	0.434	ng		98
38) Benzo(k)fluoranthene	23.233	252	37428	0.436	ng		99
39) Benzo(a)pyrene	23.820	252	37559	0.447	ng		98
40) Dibenzo(a,h)anthracene	26.469	278	36114	0.441	ng		98
41) Benzo(g,h,i)perylene	27.221	276	39744	0.442	ng		99

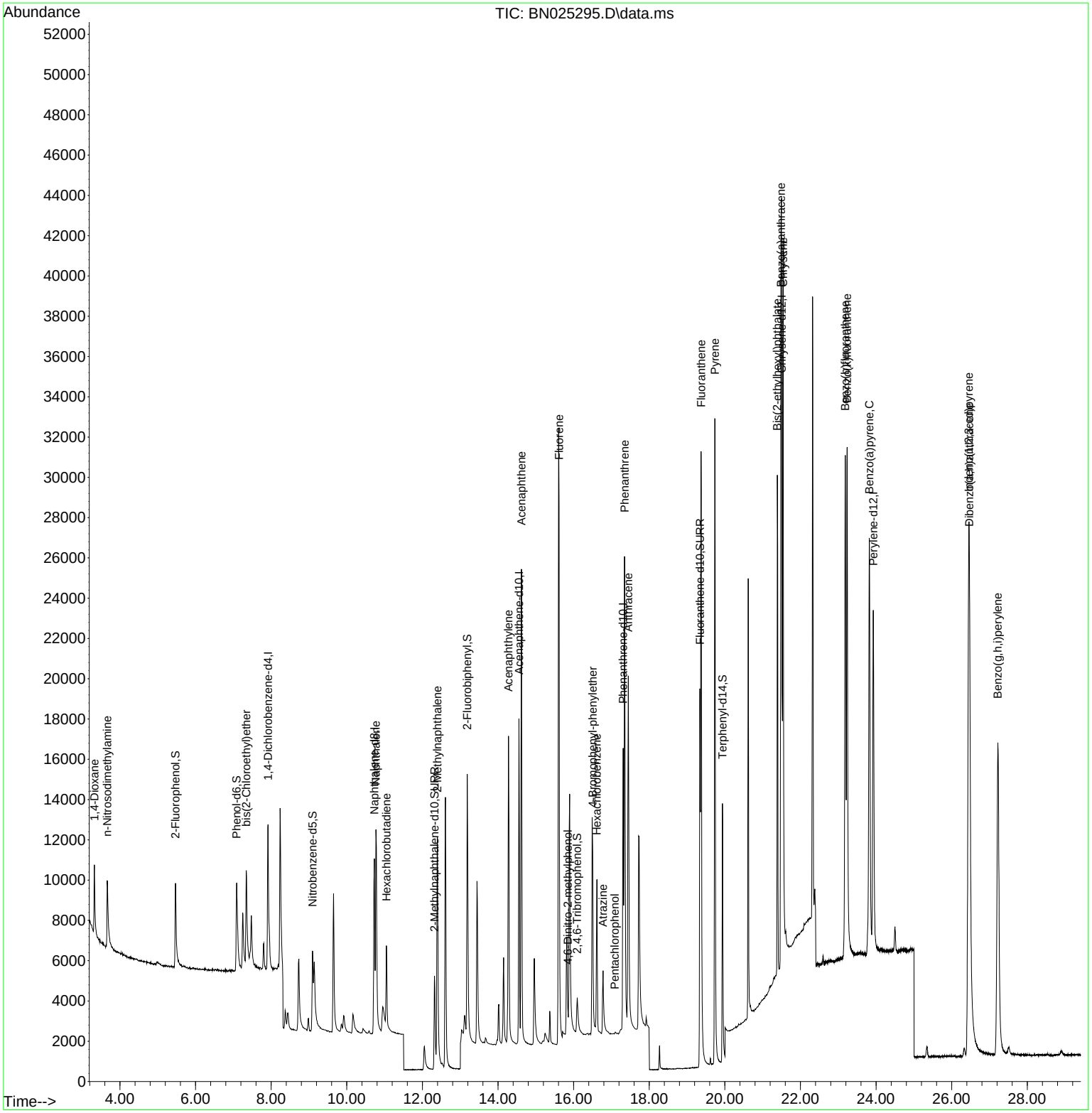
(#) = qualifier out of range (m) = manual integration (+) = signals summed

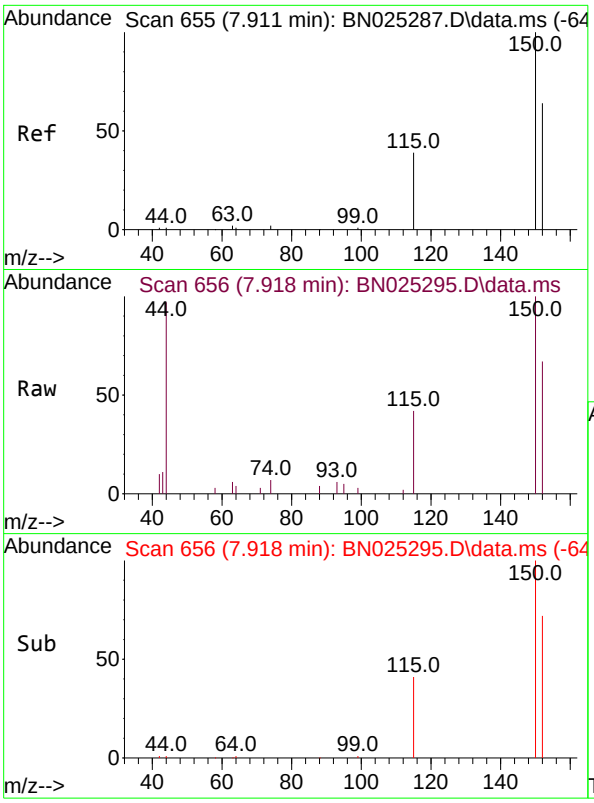
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025295.D
Acq On : 06 May 2023 01:36
Operator : CG/JU
Sample : PB152568BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Quant Time: May 08 03:18:08 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 02:37:05 2023
Response via : Initial Calibration



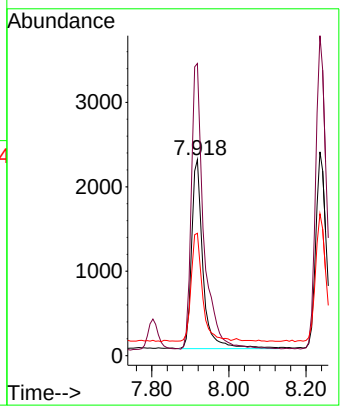


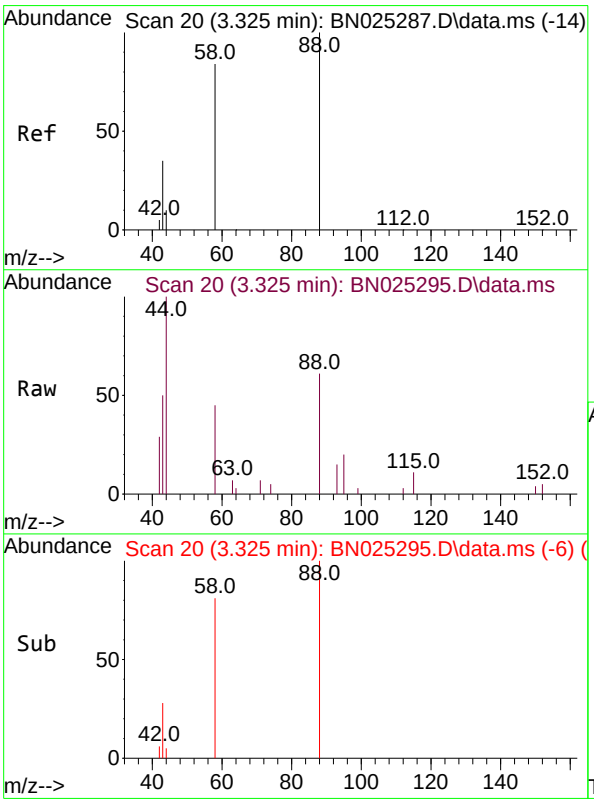
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.918 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:152 Resp: 4595

Ion	Ratio	Lower	Upper
152	100		
150	149.1	123.8	185.8
115	62.4	52.9	79.3

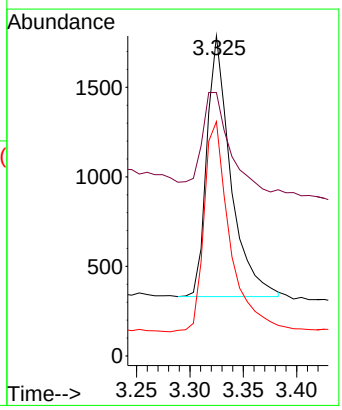


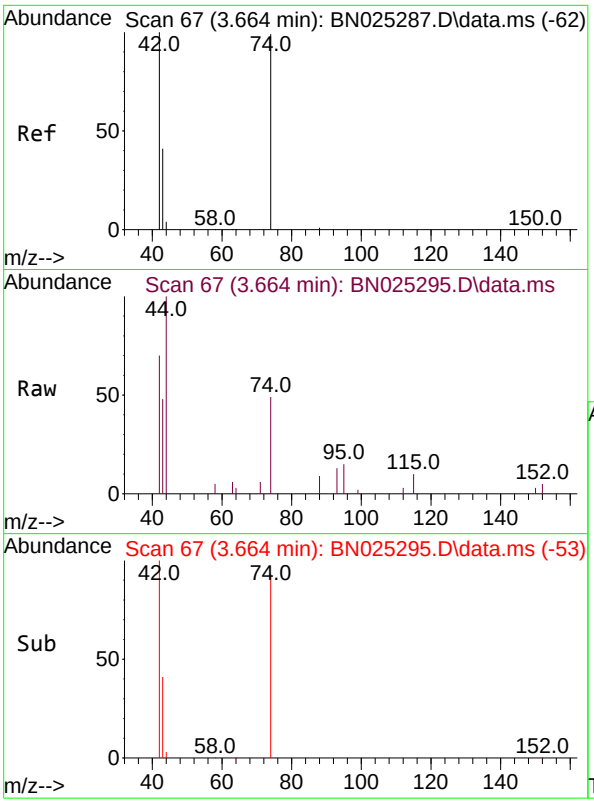


#2
1,4-Dioxane
Concen: 0.468 ng
RT: 3.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion: 88 Resp: 2256

Ion	Ratio	Lower	Upper
88	100		
43	44.6	37.2	55.8
58	87.9	71.5	107.3



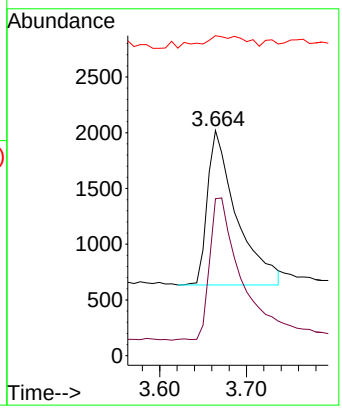


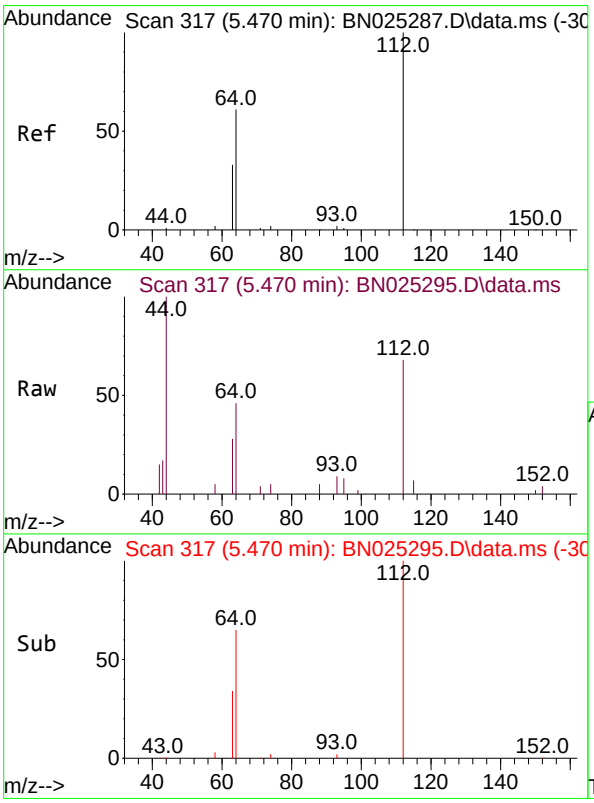
#3
n-Nitrosodimethylamine
Concen: 0.439 ng
RT: 3.664 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion: 42 Resp: 3236

Ion	Ratio	Lower	Upper
42	100		
74	98.3	79.9	119.9
44	12.0	7.0	10.6#

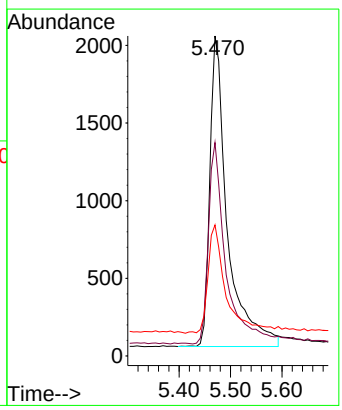


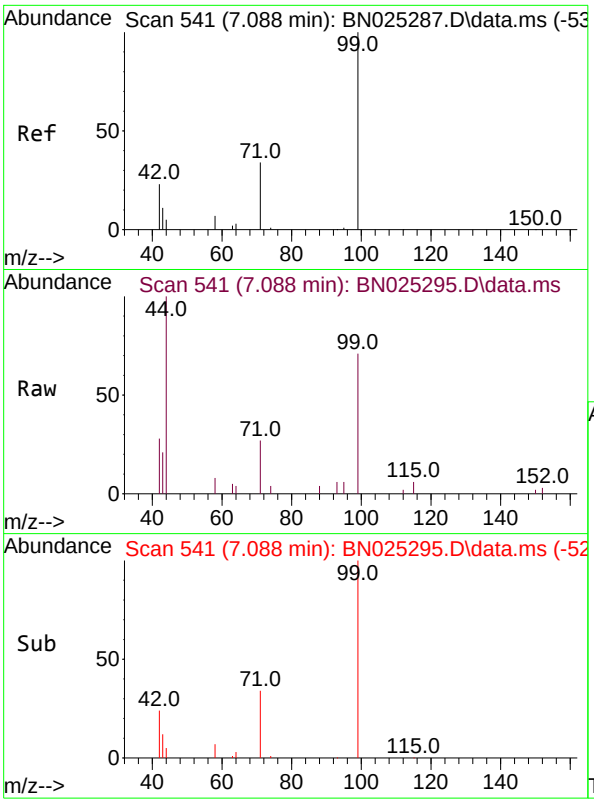


#4
2-Fluorophenol
Concen: 0.425 ng
RT: 5.470 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:112 Resp: 4748

Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.5	77.3
63	36.0	27.8	41.6



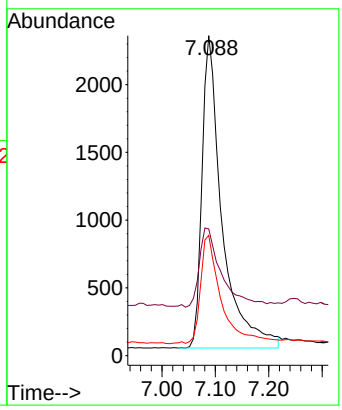


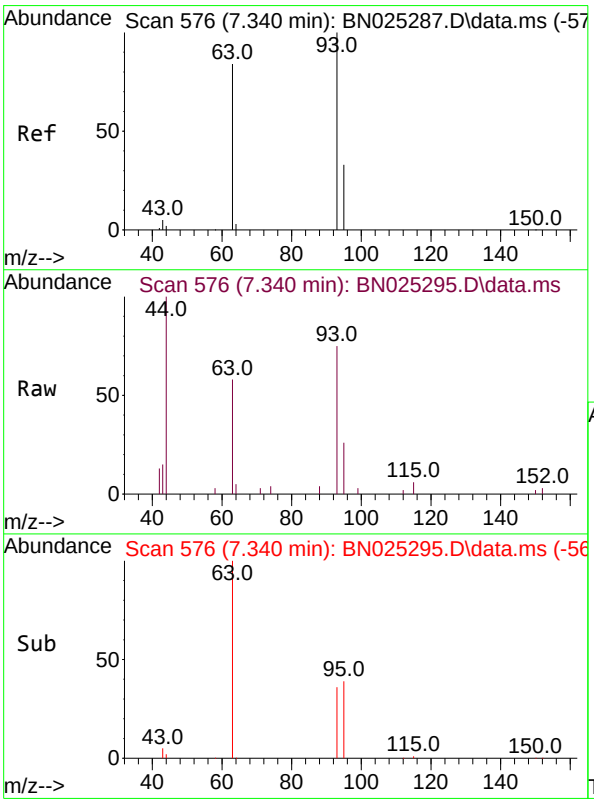
#5
Phenol-d6
Concen: 0.429 ng
RT: 7.088 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion: 99 Resp: 6019

Ion	Ratio	Lower	Upper
99	100		
42	27.3	22.0	33.0
71	35.7	28.7	43.1

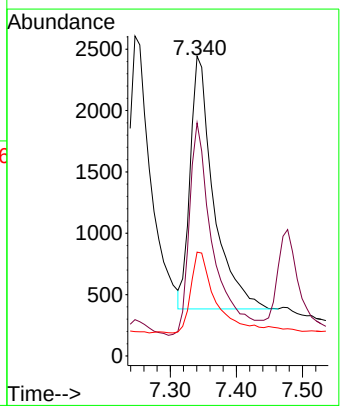


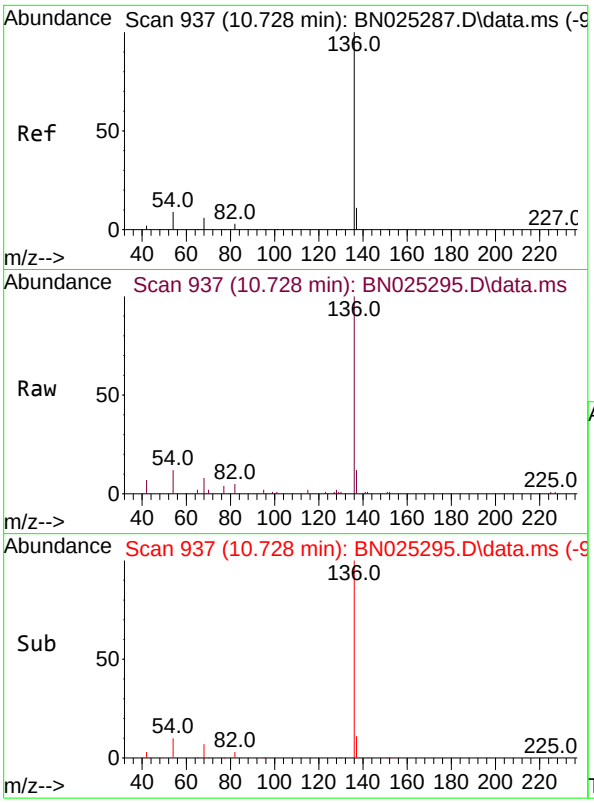


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.340 min Scan# 576
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion: 93 Resp: 5060

Ion	Ratio	Lower	Upper
93	100		
63	85.8	67.8	101.6
95	34.1	26.7	40.1



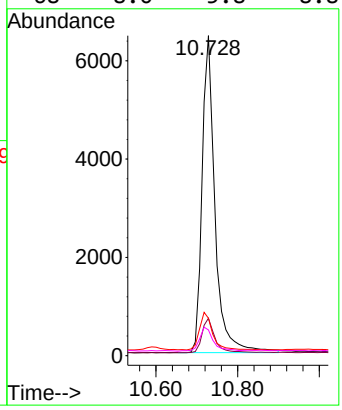


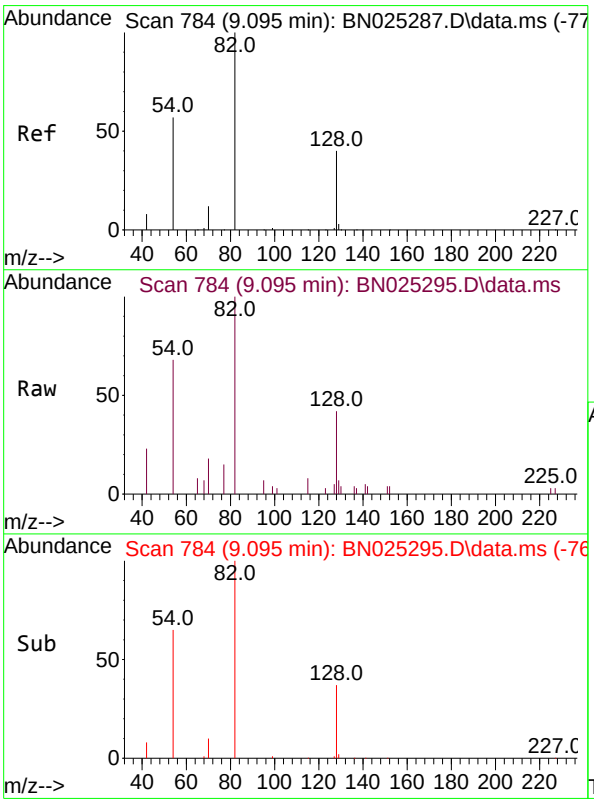
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.728 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:136 Resp: 14180

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	11.7	8.5	12.7
68	8.0	5.8	8.8

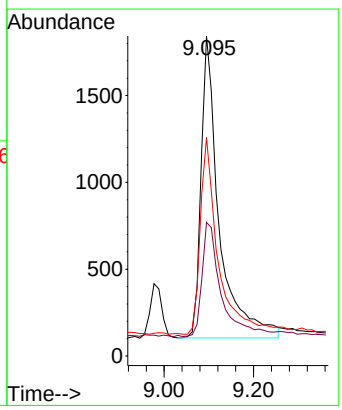


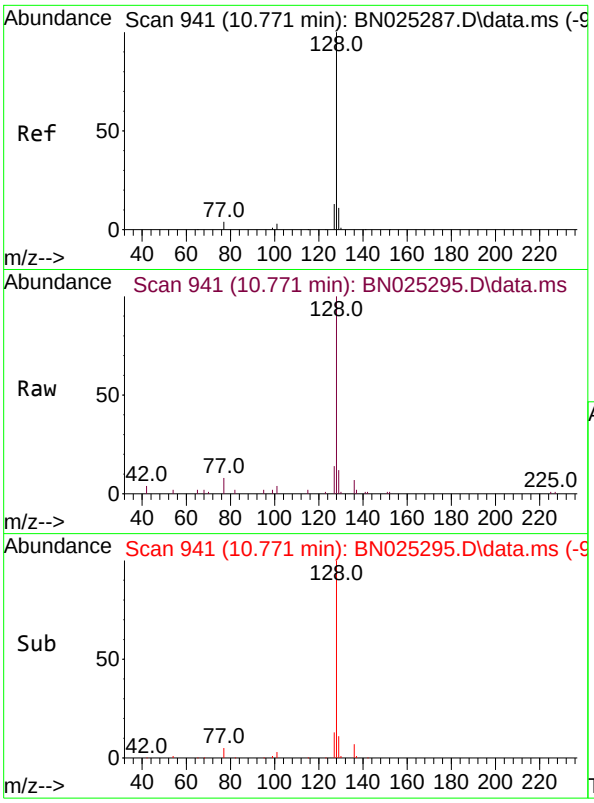


#8
Nitrobenzene-d5
Concen: 0.420 ng
RT: 9.095 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion: 82 Resp: 4904

Ion	Ratio	Lower	Upper
82	100		
128	41.8	35.3	52.9
54	68.3	48.7	73.1



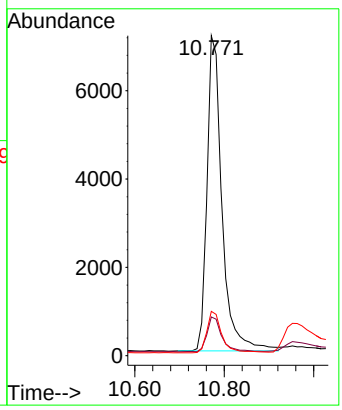


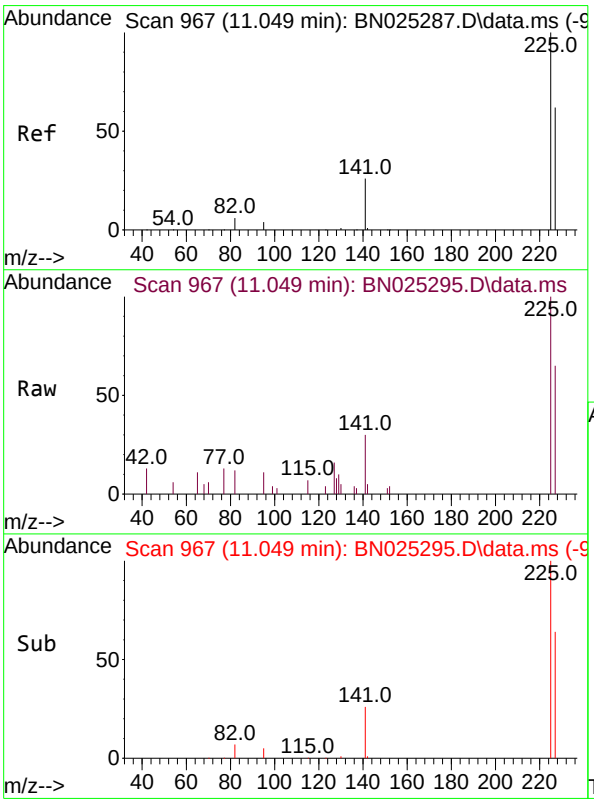
#9
Naphthalene
Concen: 0.455 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:128 Resp: 16552

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.9	11.0	16.6

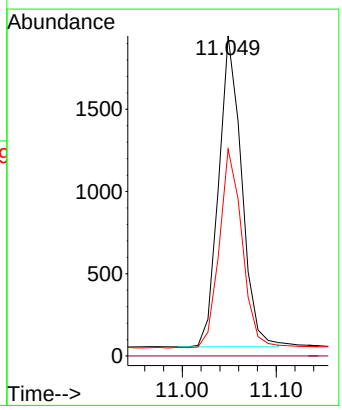


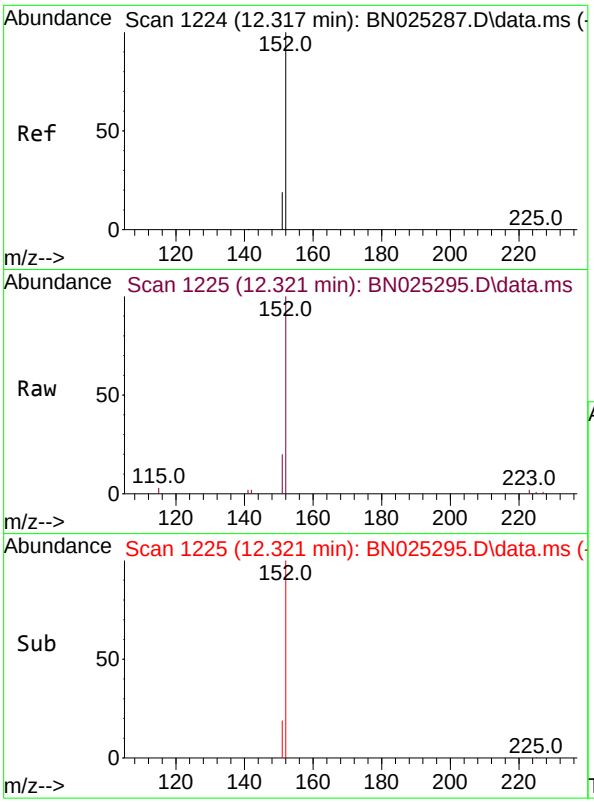


#10
Hexachlorobutadiene
Concen: 0.466 ng
RT: 11.049 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:225 Resp: 3209

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	49.8	74.8



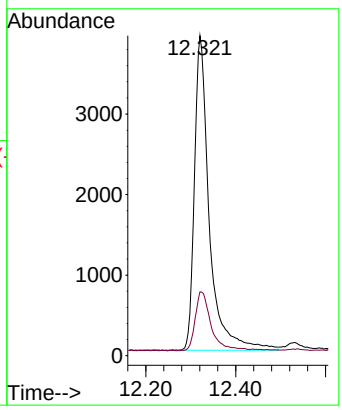


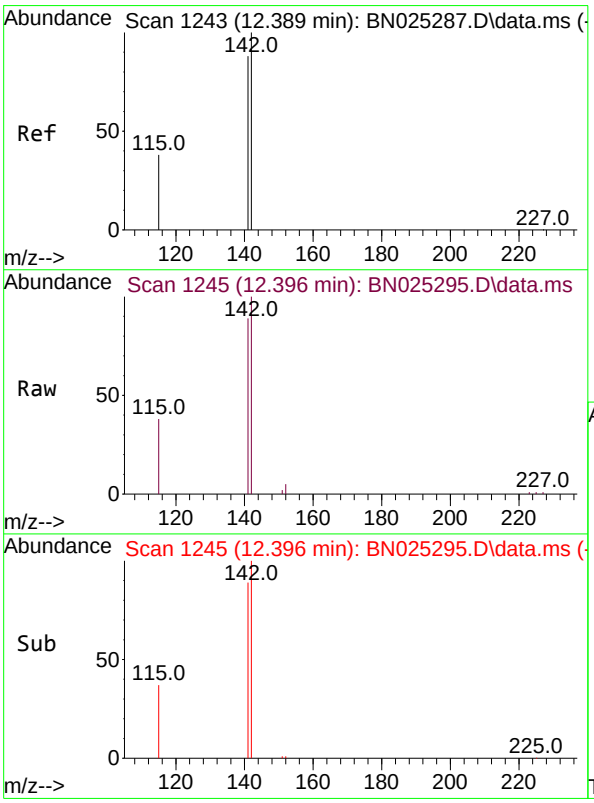
#11
2-Methylnaphthalene-d10
Concen: 0.462 ng
RT: 12.321 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:152 Resp: 8947

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6

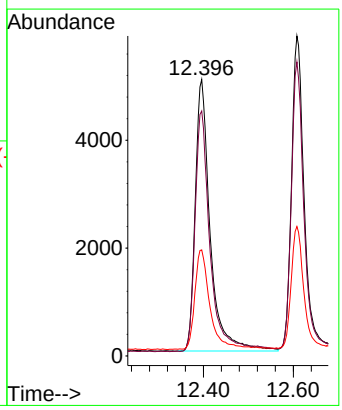


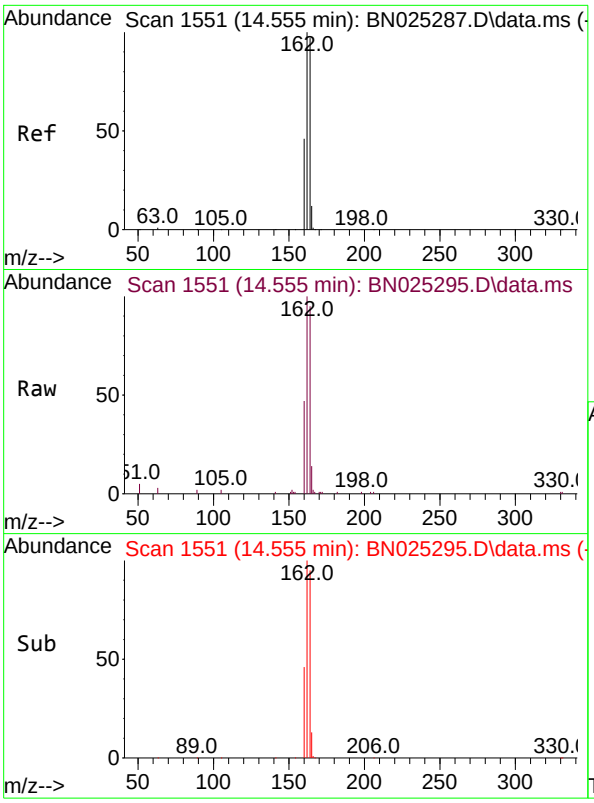


#12
2-Methylnaphthalene
Concen: 0.452 ng
RT: 12.396 min Scan# 1245
Delta R.T. 0.007 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:142 Resp: 11623

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7
115	38.4	31.6	47.4



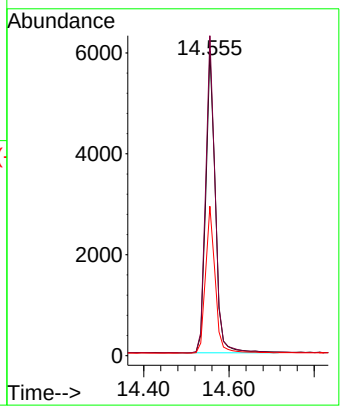


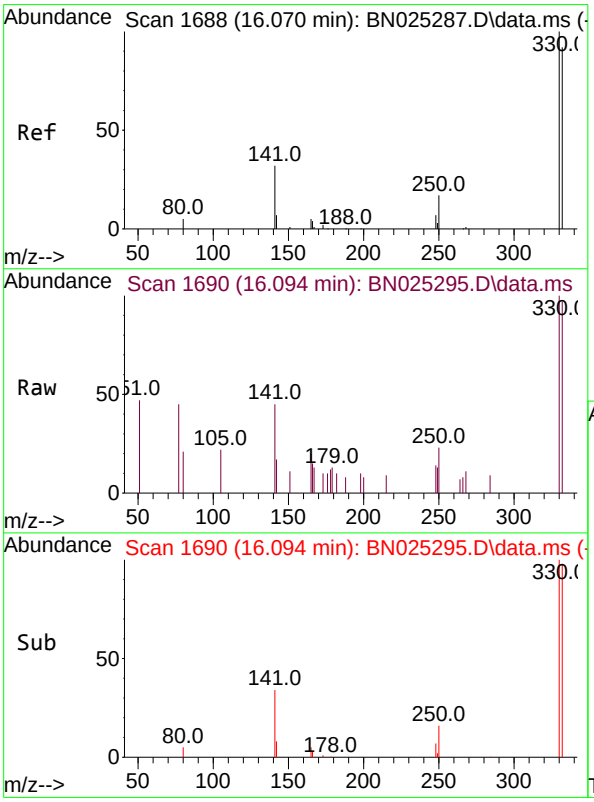
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:164 Resp: 9306

Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.1	123.1
160	49.0	38.3	57.5

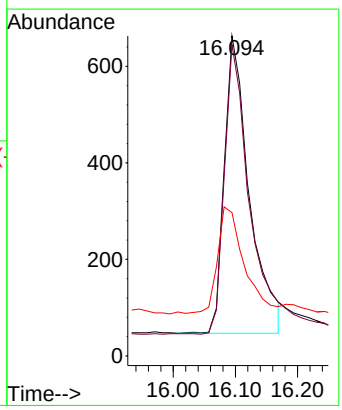


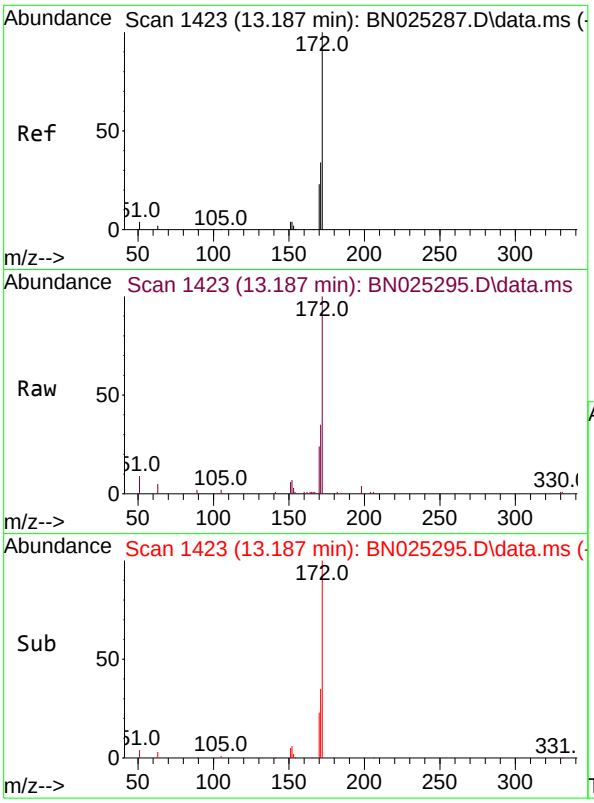


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.094 min Scan# 1690
Delta R.T. 0.025 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:330 Resp: 1722

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	38.6	28.9	43.3



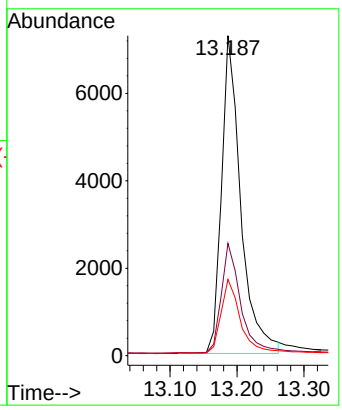


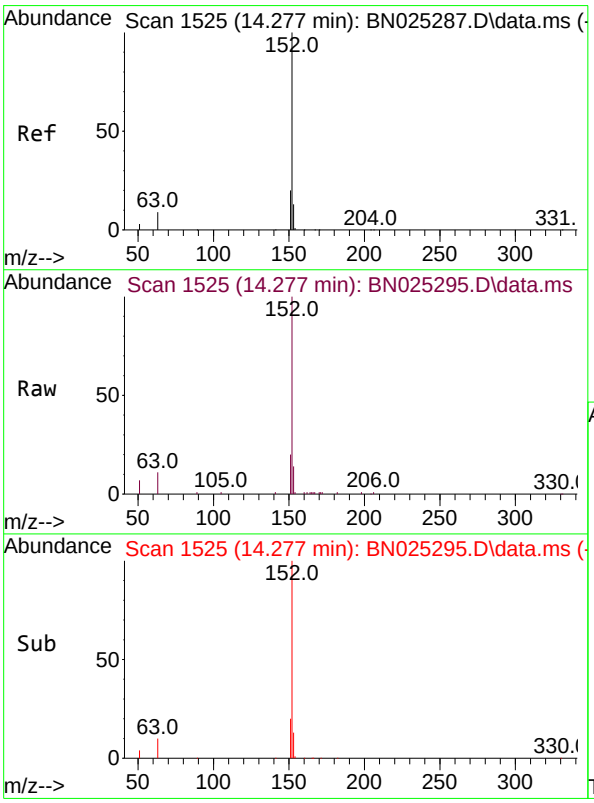
#15
2-Fluorobiphenyl
Concen: 0.454 ng
RT: 13.187 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:172 Resp: 14485

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.8	19.0	28.4

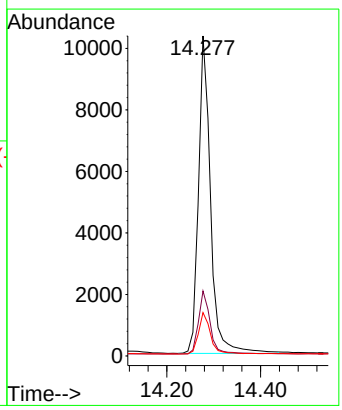


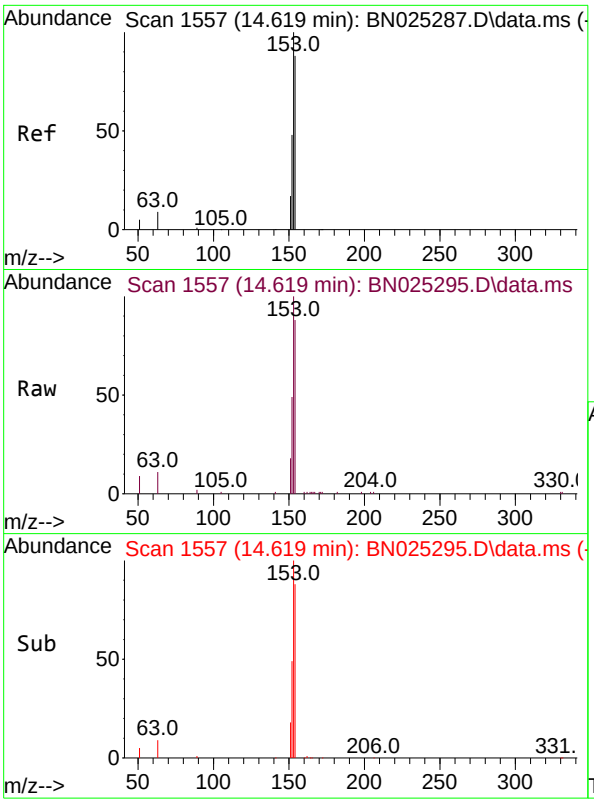


#16
Acenaphthylene
Concen: 0.443 ng
RT: 14.277 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:152 Resp: 18454

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	12.9	10.3	15.5



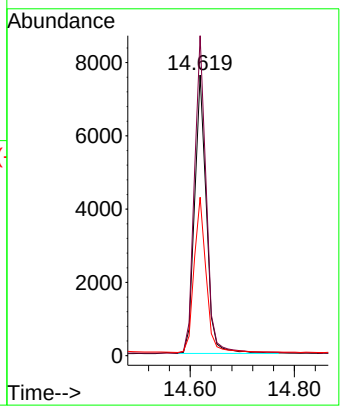


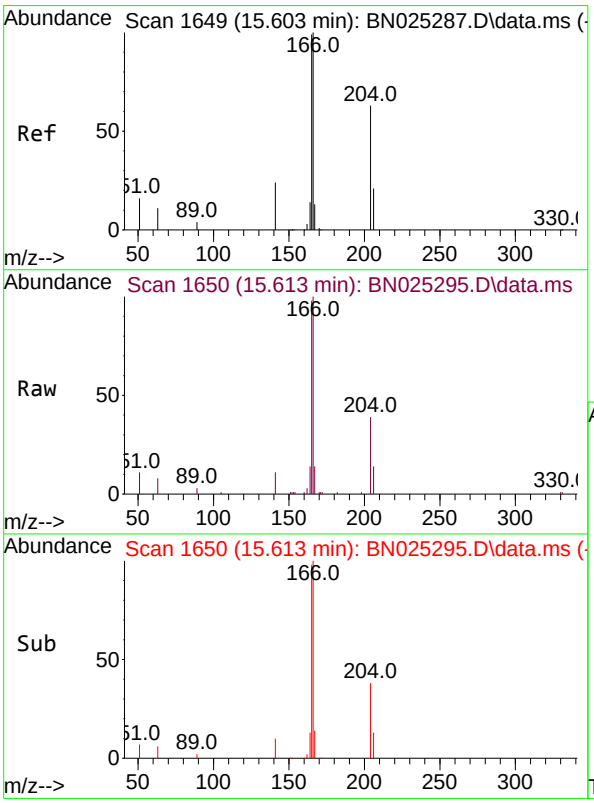
#17
Acenaphthene
Concen: 0.462 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:154 Resp: 11979

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.3	136.9
152	57.0	44.7	67.1

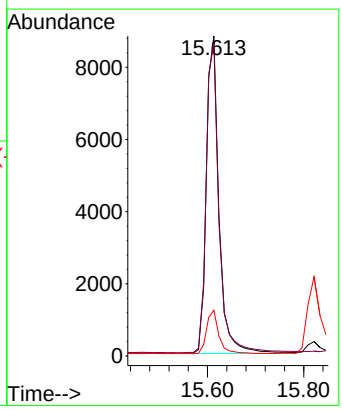


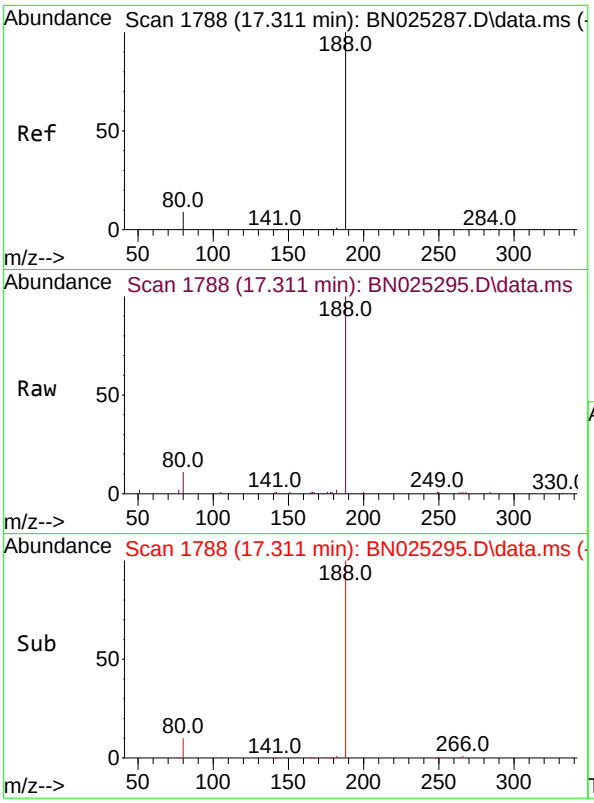


#18
Fluorene
Concen: 0.461 ng
RT: 15.613 min Scan# 1650
Delta R.T. 0.011 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:166 Resp: 16354

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.4	10.3	15.5



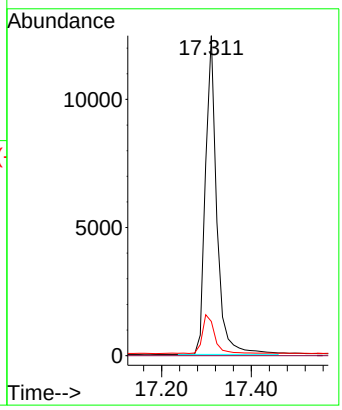


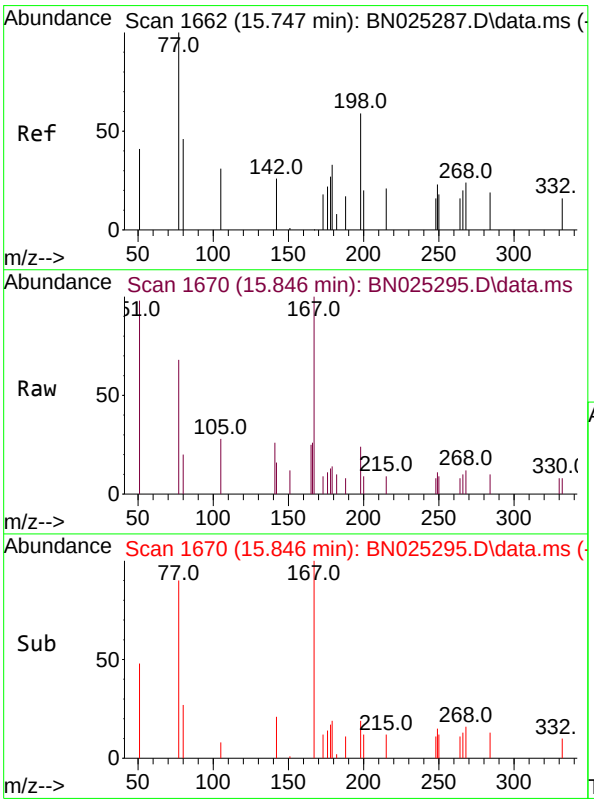
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:188 Resp: 21832

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.0	12.0

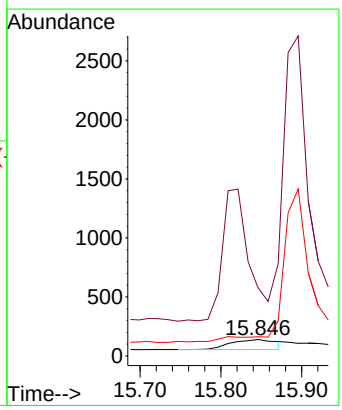


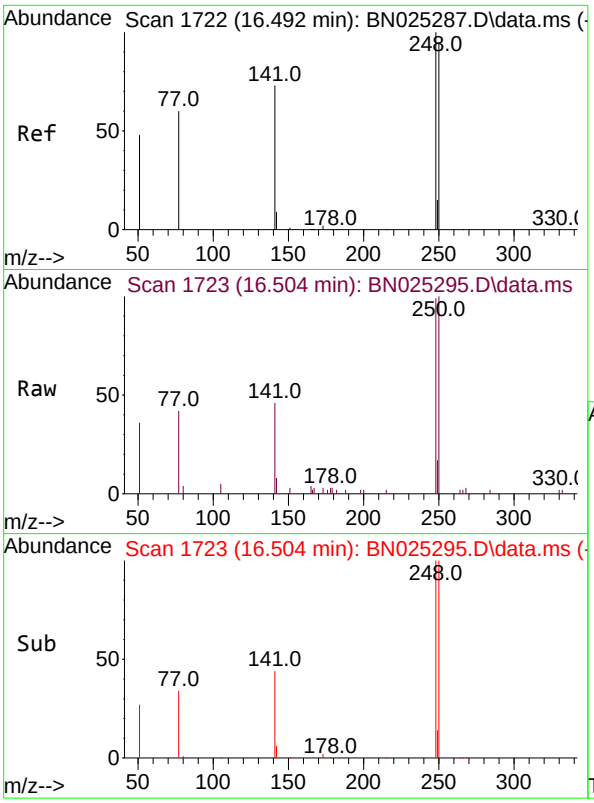


#20
4,6-Dinitro-2-methylphenol
Concen: 0.350 ng
RT: 15.846 min Scan# 1670
Delta R.T. 0.099 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:198 Resp: 334

Ion	Ratio	Lower	Upper
198	100		
51	412.9	162.1	243.1#
105	116.4	83.1	124.7



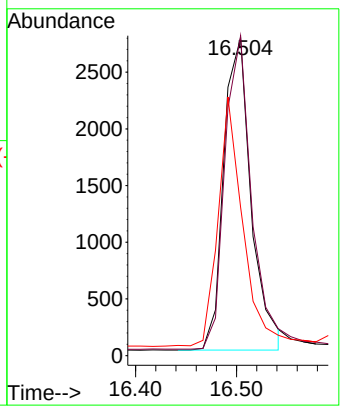


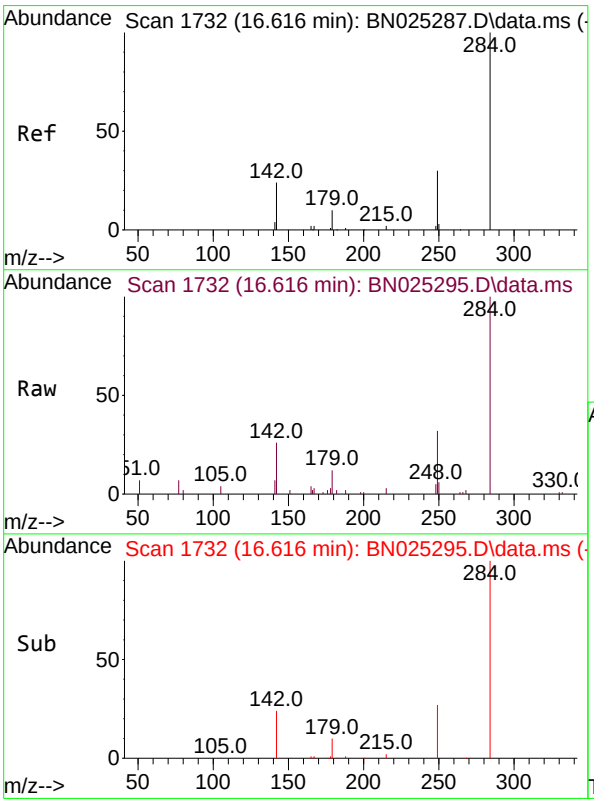
#21
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.504 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:248 Resp: 5203

Ion	Ratio	Lower	Upper
248	100		
250	100.6	76.0	114.0
141	46.7	59.9	89.9#

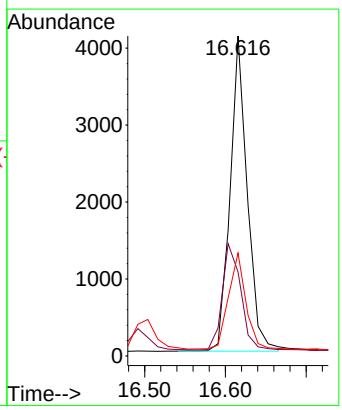


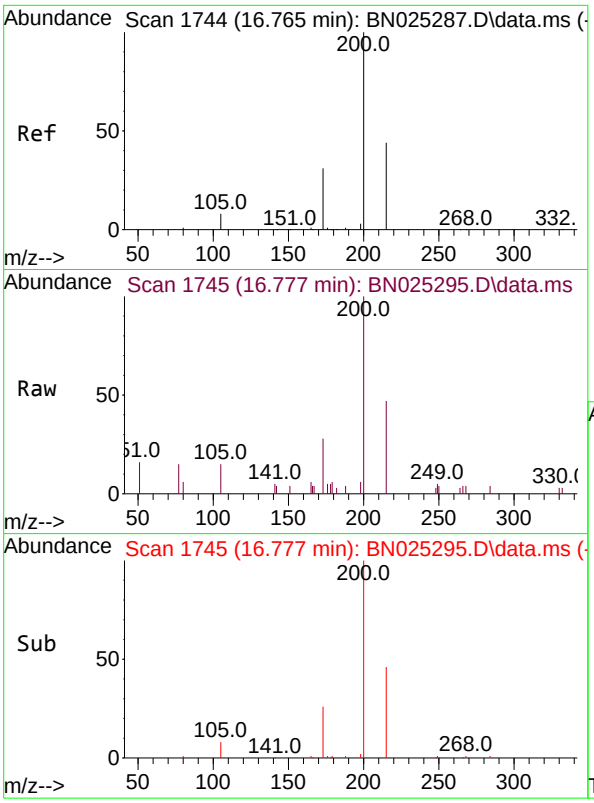


#22
Hexachlorobenzene
Concen: 0.462 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:284 Resp: 6067

Ion	Ratio	Lower	Upper
284	100		
142	36.1	30.0	45.0
249	30.8	25.0	37.6



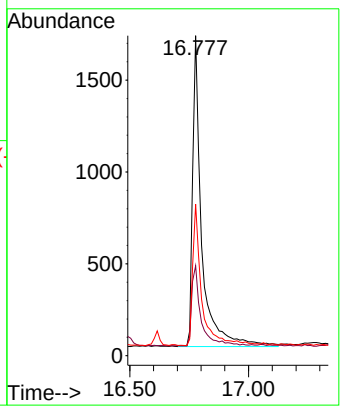


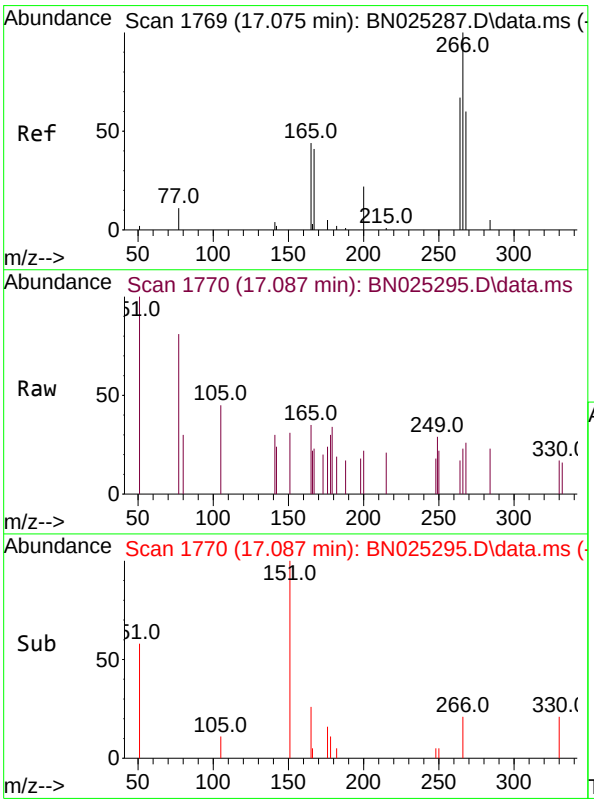
#23
Atrazine
Concen: 0.423 ng
RT: 16.777 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:200 Resp: 4504

Ion	Ratio	Lower	Upper
200	100		
173	28.1	26.3	39.5
215	47.4	37.2	55.8

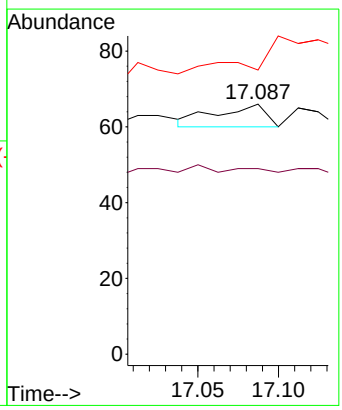


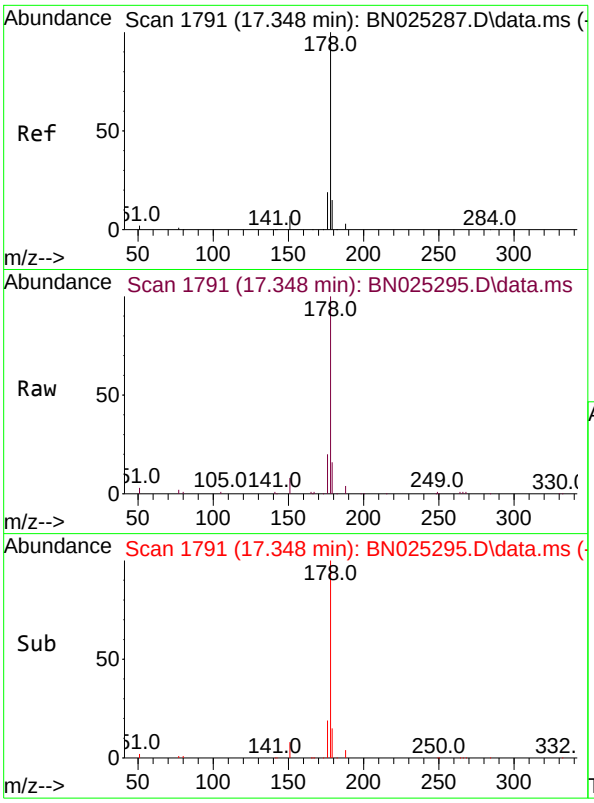


#24
Pentachlorophenol
Concen: 0.269 ng
RT: 17.087 min Scan# 1770
Delta R.T. 0.012 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	0.0	43.0	64.4#
268	0.0	47.4	71.2#



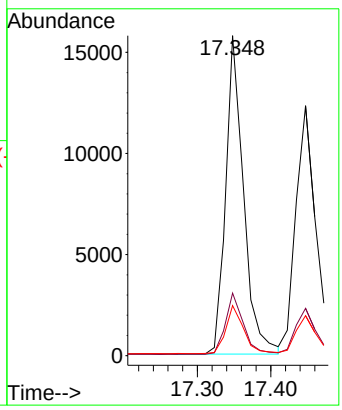


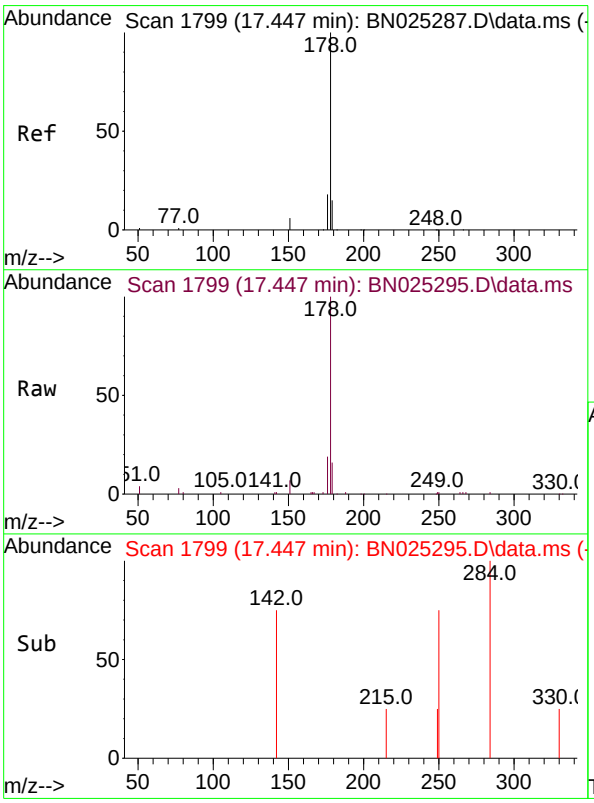
#25
Phenanthrene
Concen: 0.441 ng
RT: 17.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:178 Resp: 26646

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.4	18.6

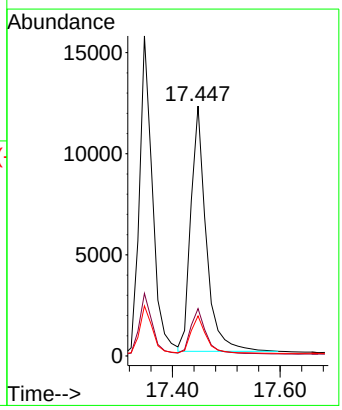


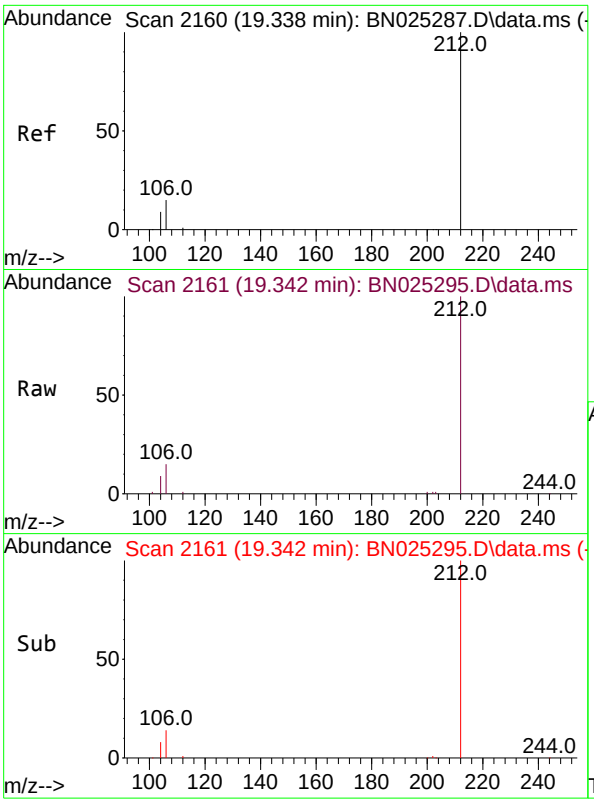


#26
Anthracene
Concen: 0.425 ng
RT: 17.447 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:178 Resp: 24024

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.0	18.0



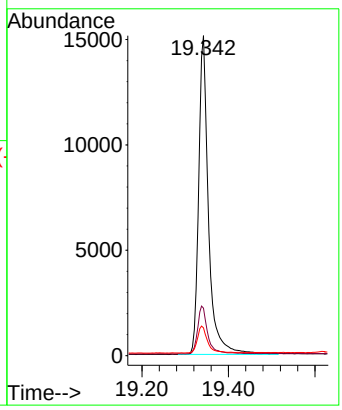


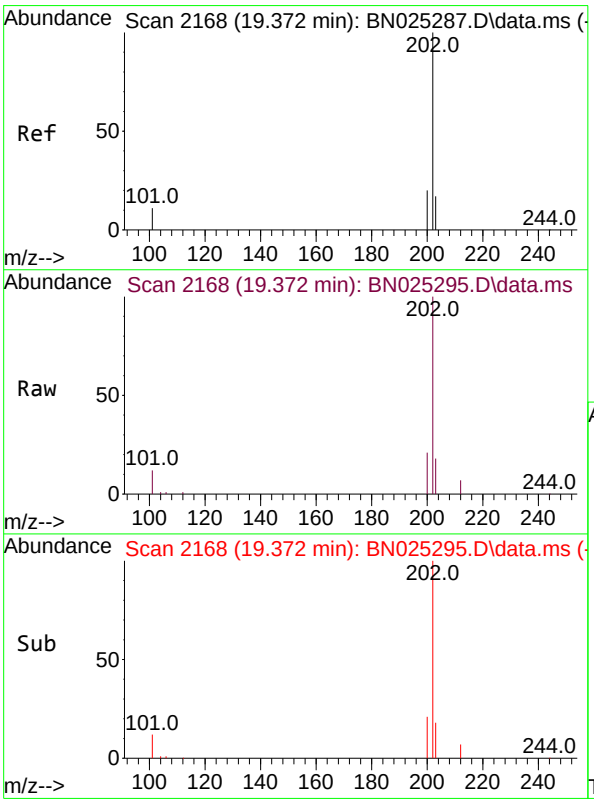
#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.342 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:212 Resp: 23910

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	8.6	7.0	10.6

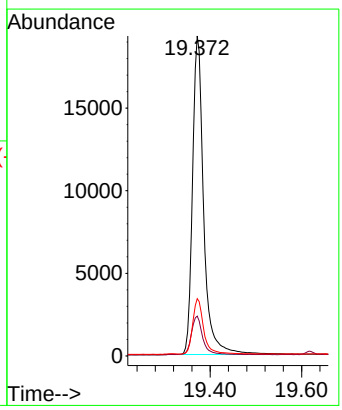


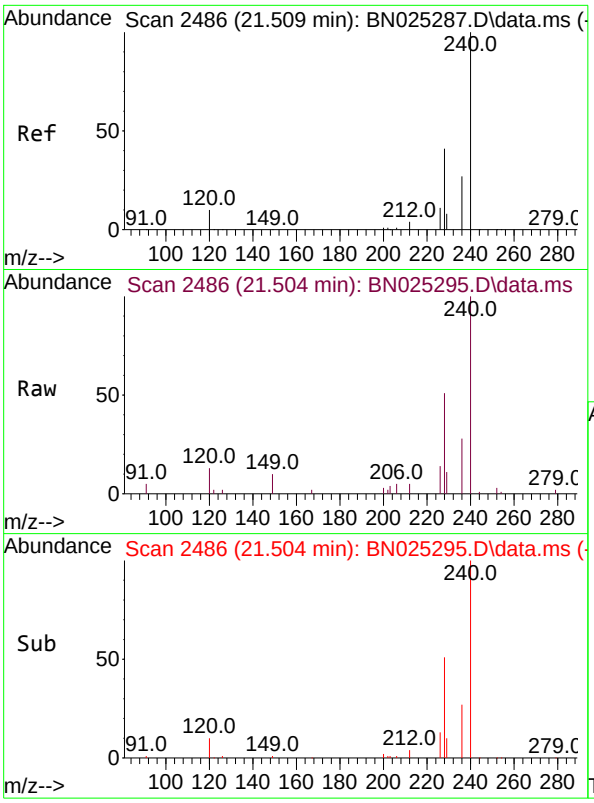


#28
Fluoranthene
Concen: 0.435 ng
RT: 19.372 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:202 Resp: 32810

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.0	13.5	20.3



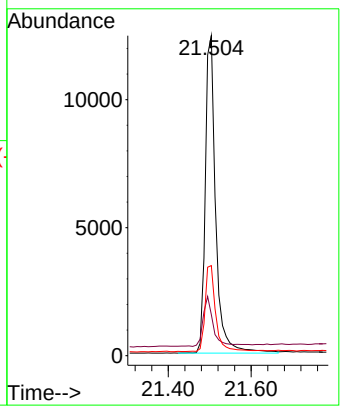


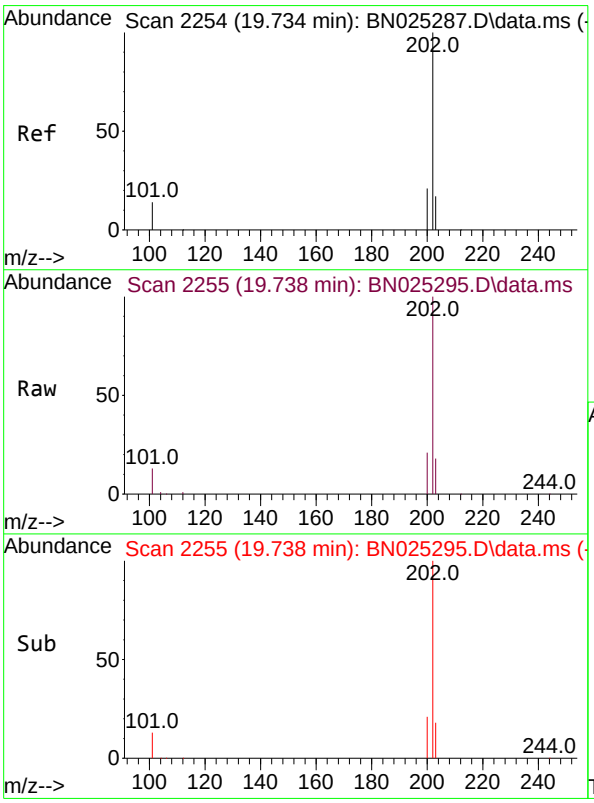
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:240 Resp: 21672

Ion	Ratio	Lower	Upper
240	100		
120	12.9	10.3	15.5
236	28.2	22.3	33.5

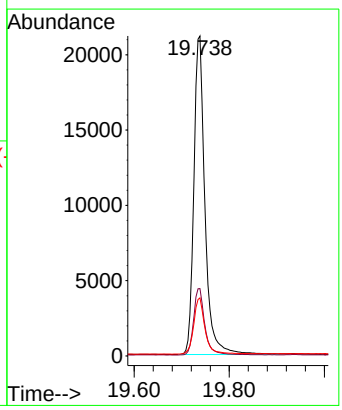


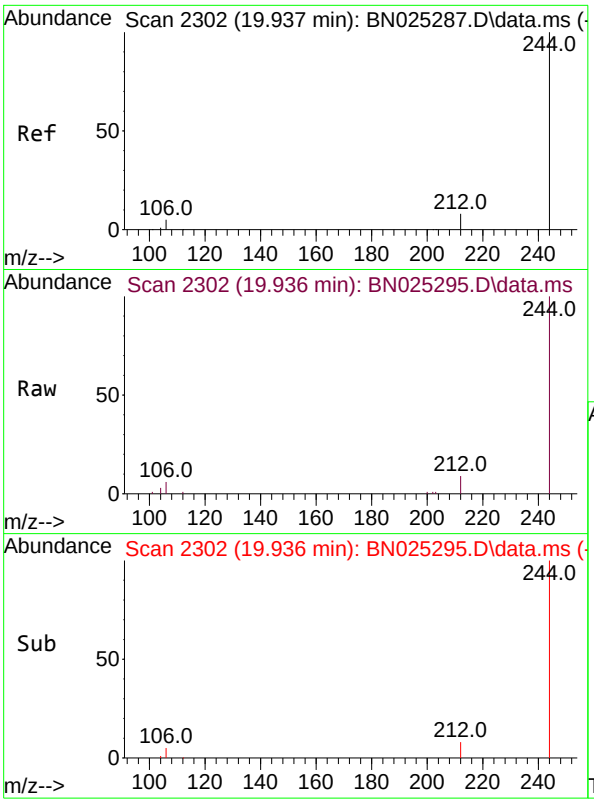


#30
Pyrene
Concen: 0.465 ng
RT: 19.738 min Scan# 2255
Delta R.T. 0.004 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:202 Resp: 34436

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	18.0	14.4	21.6



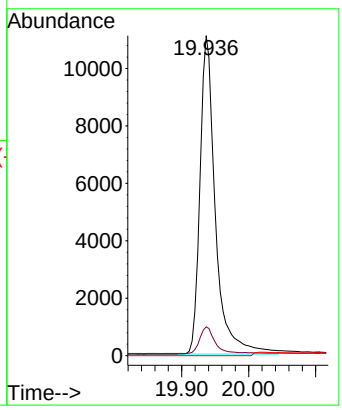


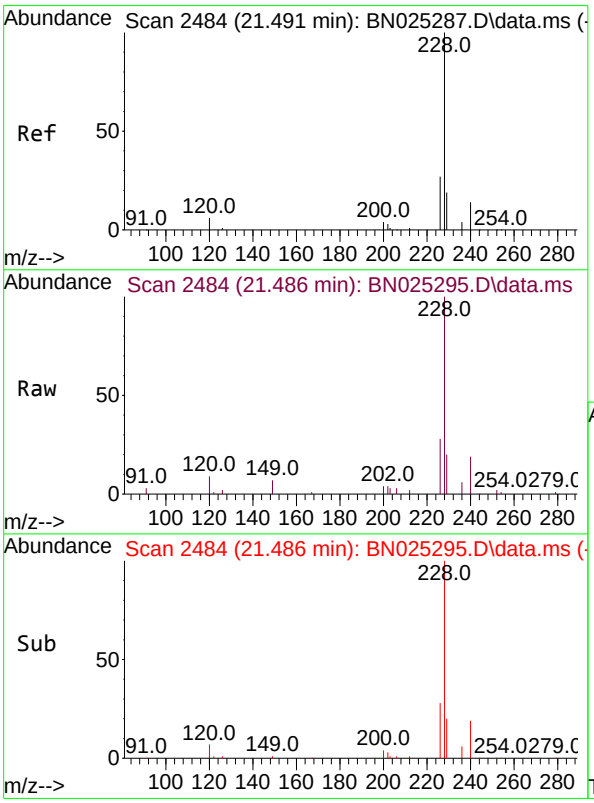
#31
Terphenyl-d14
Concen: 0.460 ng
RT: 19.936 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:244 Resp: 20116

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

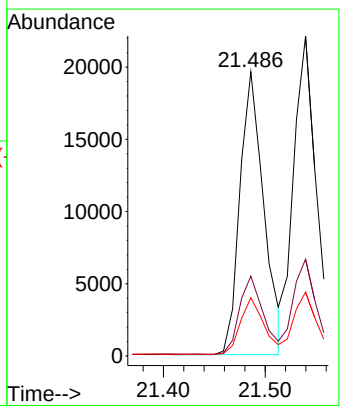


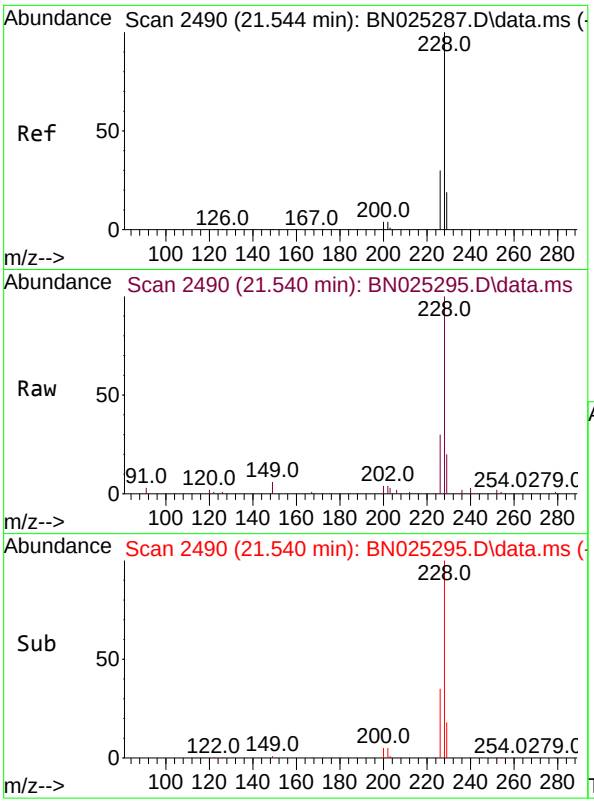


#32
Benzo(a)anthracene
Concen: 0.436 ng
RT: 21.486 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:228 Resp: 31927

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.5	33.7
229	20.5	16.2	24.2



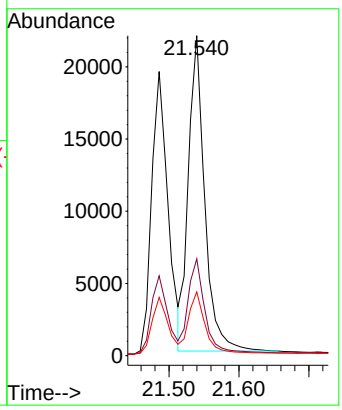


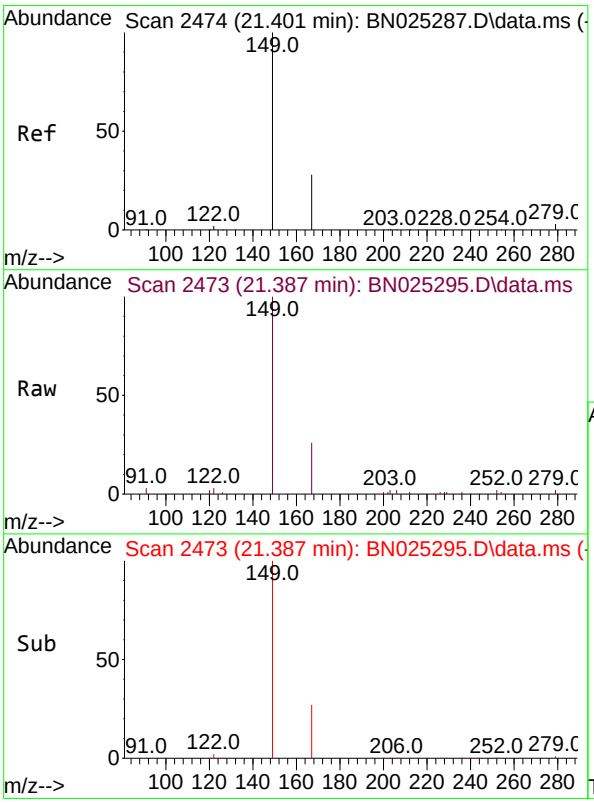
#33
Chrysene
Concen: 0.485 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:228 Resp: 35333

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	20.0	16.2	24.4

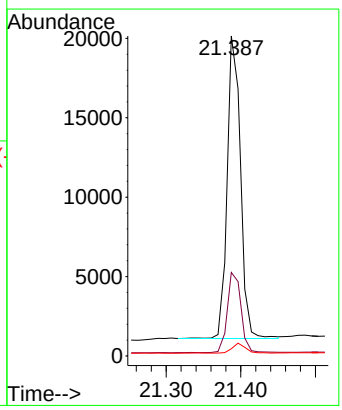


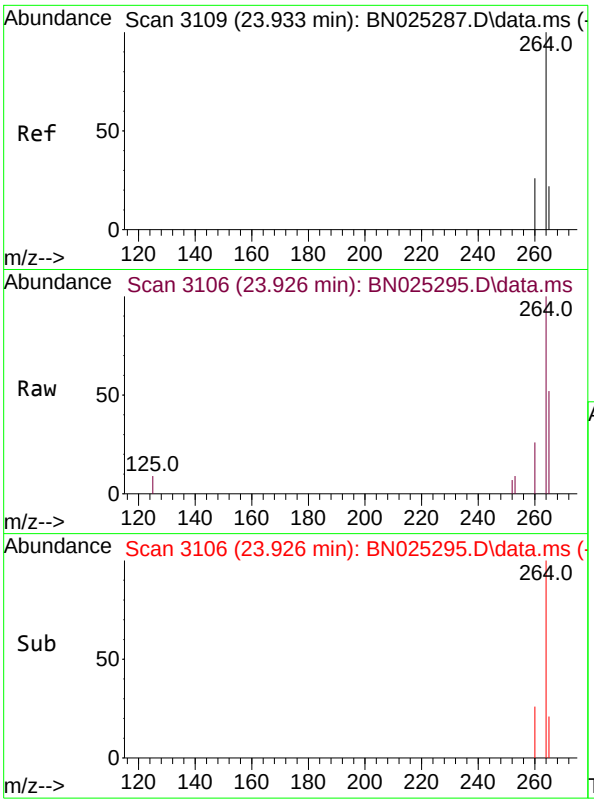


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.411 ng
RT: 21.387 min Scan# 2473
Delta R.T. -0.014 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:149 Resp: 23653

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.4
279	3.3	2.6	4.0



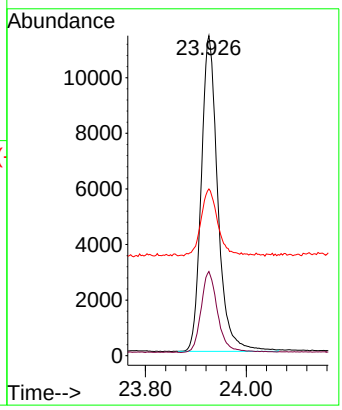


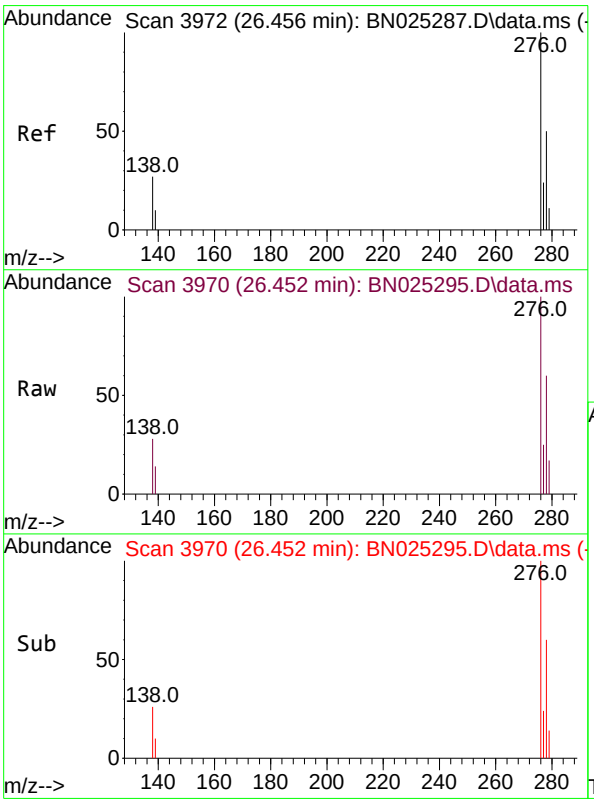
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.926 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:264 Resp: 25871

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.5	32.3
265	52.1	46.2	69.4

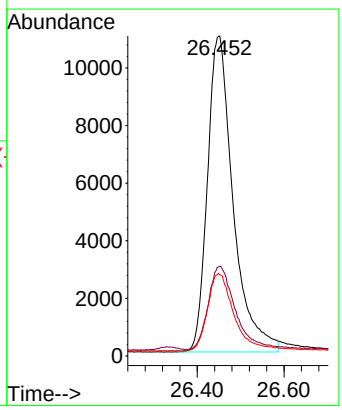


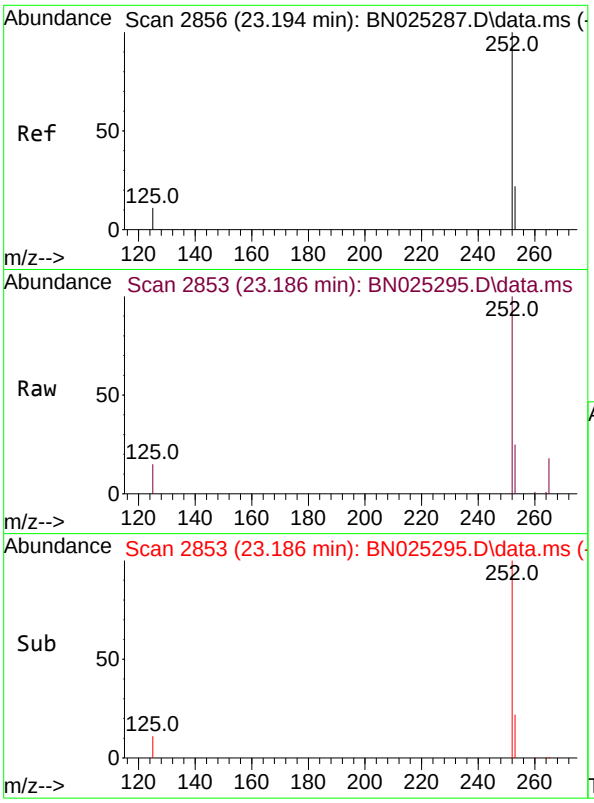


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.436 ng
RT: 26.452 min Scan# 3970
Delta R.T. -0.005 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:276 Resp: 45230

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.5	33.7
277	24.9	19.8	29.6



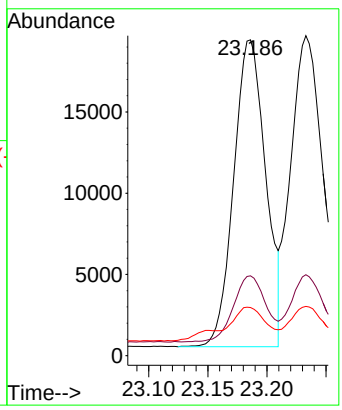


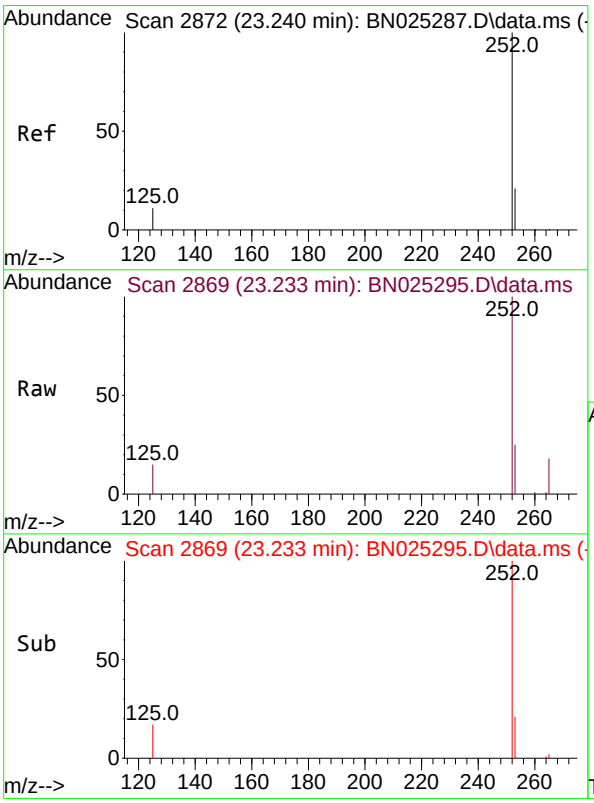
#37
Benzo(b)fluoranthene
Concen: 0.434 ng
RT: 23.186 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:252 Resp: 35593

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.8	31.2
125	15.2	13.4	20.2

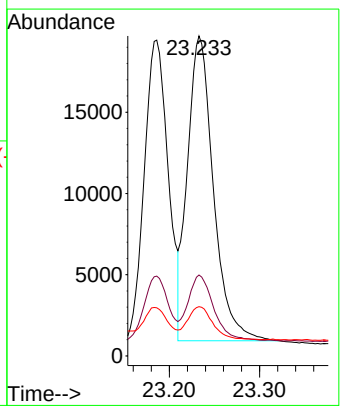


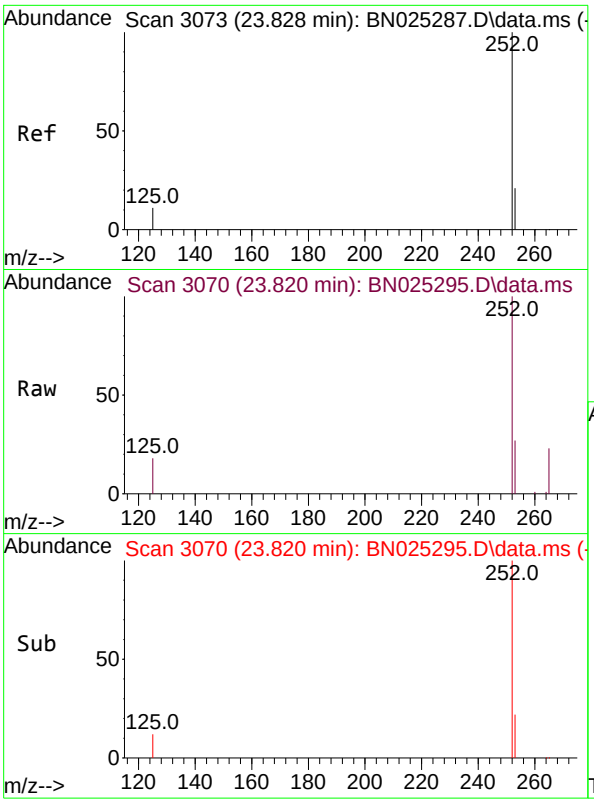


#38
Benzo(k)fluoranthene
Concen: 0.436 ng
RT: 23.233 min Scan# 2869
Delta R.T. -0.008 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:252 Resp: 37428

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.6	30.8
125	15.4	13.1	19.7



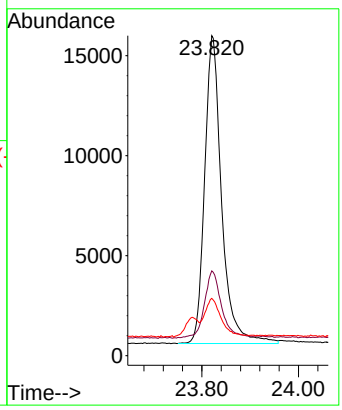


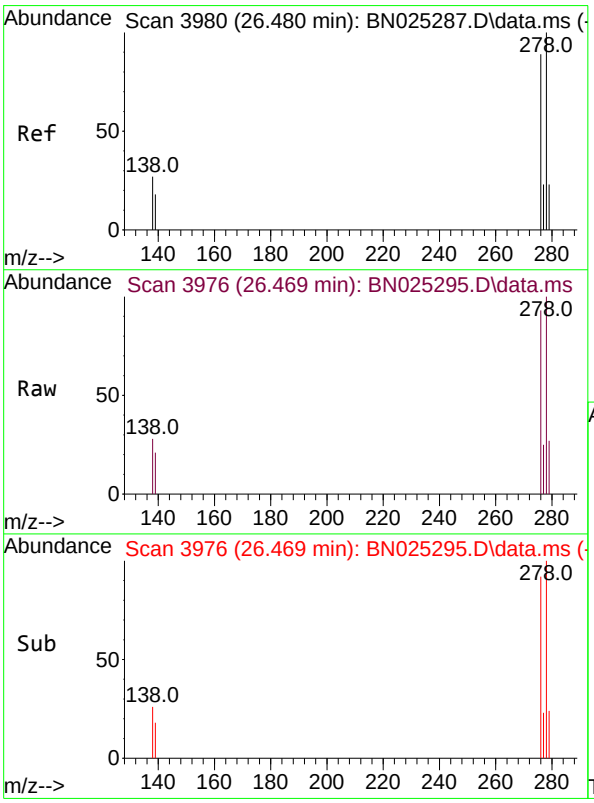
#39
Benzo(a)pyrene
Concen: 0.447 ng
RT: 23.820 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:252 Resp: 37559

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.4	32.0
125	17.9	15.4	23.2

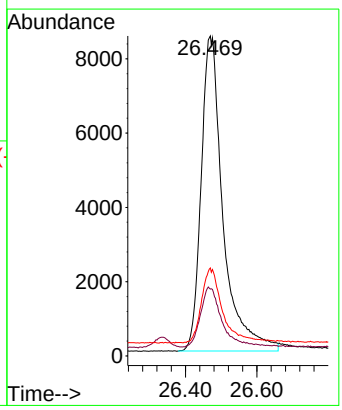


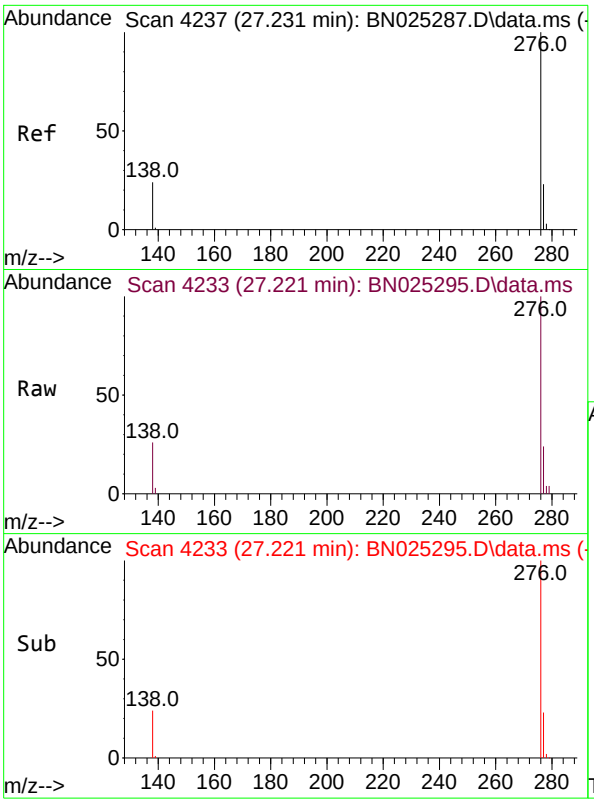


#40
Dibenzo(a,h)anthracene
Concen: 0.441 ng
RT: 26.469 min Scan# 3976
Delta R.T. -0.010 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Tgt Ion:278 Resp: 36114

Ion	Ratio	Lower	Upper
278	100		
139	20.9	17.6	26.4
279	27.5	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 0.442 ng
RT: 27.221 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN025295.D
Acq: 06 May 2023 01:36

Instrument :
BNA_N
ClientSampleId :
PB152568BS

Tgt Ion:276 Resp: 39744

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.1	30.1
138	25.5	21.0	31.6