Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
Data File : BN025436.D
Acq On : 16 May 2023 10:27
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 17 02:41:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:38:04 2023
Response via : Initial Calibration

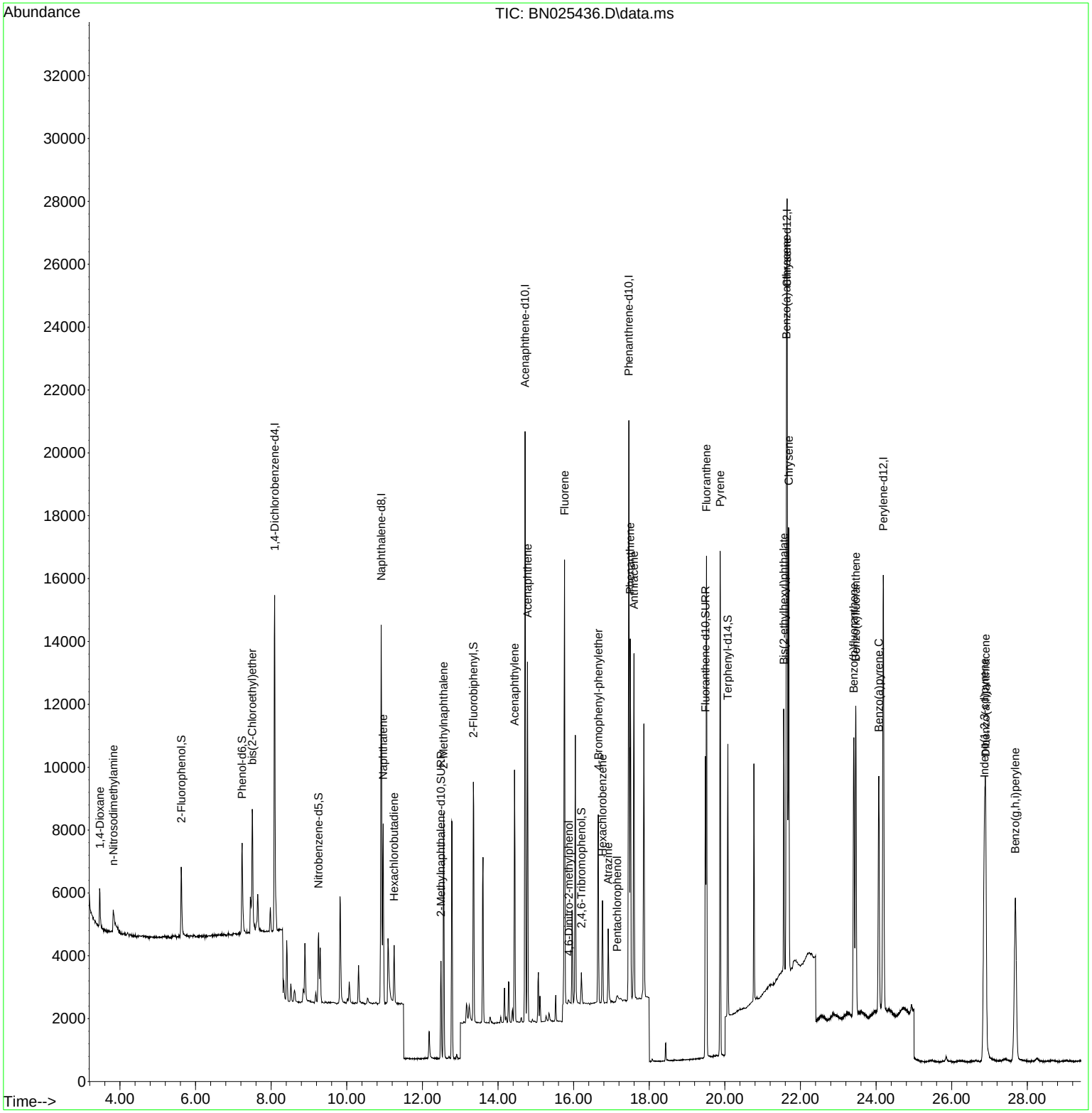
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	5446	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15998	0.400	ng		0.00
13) Acenaphthene-d10	14.715	164	10361	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	23542	0.400	ng		0.00
29) Chrysene-d12	21.647	240	21314	0.400	ng		0.00
35) Perylene-d12	24.192	264	21441	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.621	112	2240	0.192	ng		0.00
5) Phenol-d6	7.232	99	3000	0.191	ng		0.00
8) Nitrobenzene-d5	9.255	82	1977	0.181	ng		0.00
11) 2-Methylnaphthalene-d10	12.491	152	4215	0.188	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	606	0.173	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	7114	0.188	ng		-0.01
27) Fluoranthene-d10	19.485	212	10321	0.184	ng		0.00
31) Terphenyl-d14	20.080	244	7449	0.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.469	88	1023	0.201	ng		94
3) n-Nitrosodimethylamine	3.823	42	688	0.094	ng	#	92
6) bis(2-Chloroethyl)ether	7.499	93	4170	0.101	ng		87
9) Naphthalene	10.963	128	7540	0.189	ng		98
10) Hexachlorobutadiene	11.252	225	1492	0.191	ng	#	99
12) 2-Methylnaphthalene	12.562	142	5506	0.187	ng		99
16) Acenaphthylene	14.437	152	8826	0.185	ng		100
17) Acenaphthene	14.779	154	5447	0.183	ng		100
18) Fluorene	15.759	166	7232	0.185	ng		96
20) 4,6-Dinitro-2-methylph...	15.871	198	313	0.212	ng	#	1
21) 4-Bromophenyl-phenylether	16.653	248	2522	0.185	ng		98
22) Hexachlorobenzene	16.765	284	2388	0.189	ng		99
23) Atrazine	16.914	200	2071	0.180	ng		96
24) Pentachlorophenol	17.149	266	293	0.252	ng		97
25) Phenanthrene	17.497	178	12287	0.185	ng		99
26) Anthracene	17.596	178	11686	0.182	ng		100
28) Fluoranthene	19.515	202	14277	0.182	ng		100
30) Pyrene	19.877	202	14765	0.181	ng		99
32) Benzo(a)anthracene	21.629	228	13725	0.183	ng		99
33) Chrysene	21.692	228	13860	0.186	ng		100
34) Bis(2-ethylhexyl)phtha...	21.558	149	7885	0.180	ng		100
36) Indeno(1,2,3-cd)pyrene	26.864	276	15761	0.182	ng		100
37) Benzo(b)fluoranthene	23.411	252	13783	0.183	ng		94
38) Benzo(k)fluoranthene	23.464	252	14074	0.182	ng		95
39) Benzo(a)pyrene	24.072	252	12955	0.181	ng		93
40) Dibenzo(a,h)anthracene	26.899	278	12691	0.182	ng		95
41) Benzo(g,h,i)perylene	27.683	276	13606	0.185	ng		98

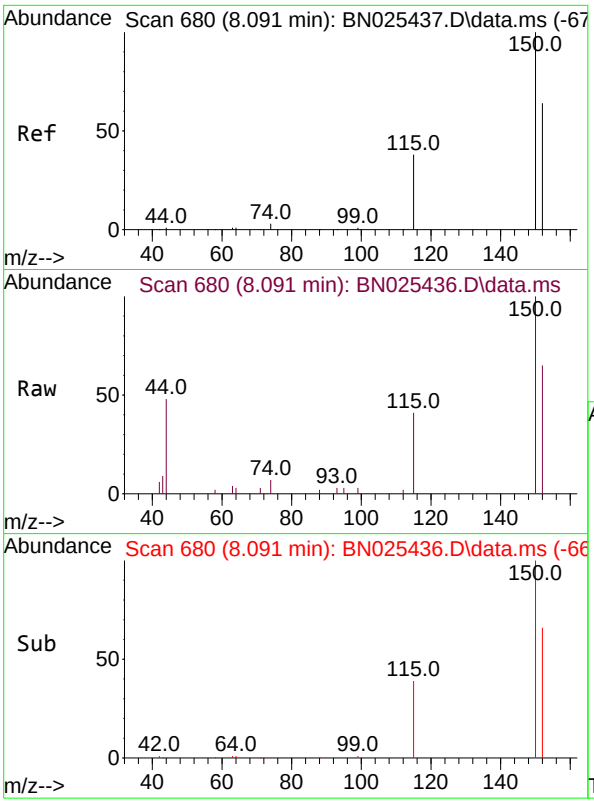
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
Data File : BN025436.D
Acq On : 16 May 2023 10:27
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 17 02:41:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:38:04 2023
Response via : Initial Calibration



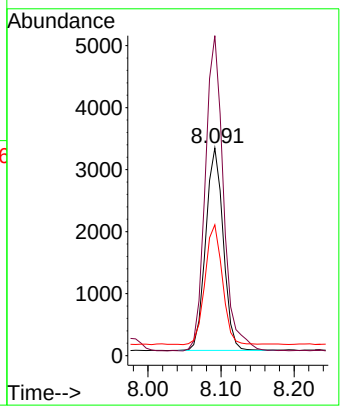


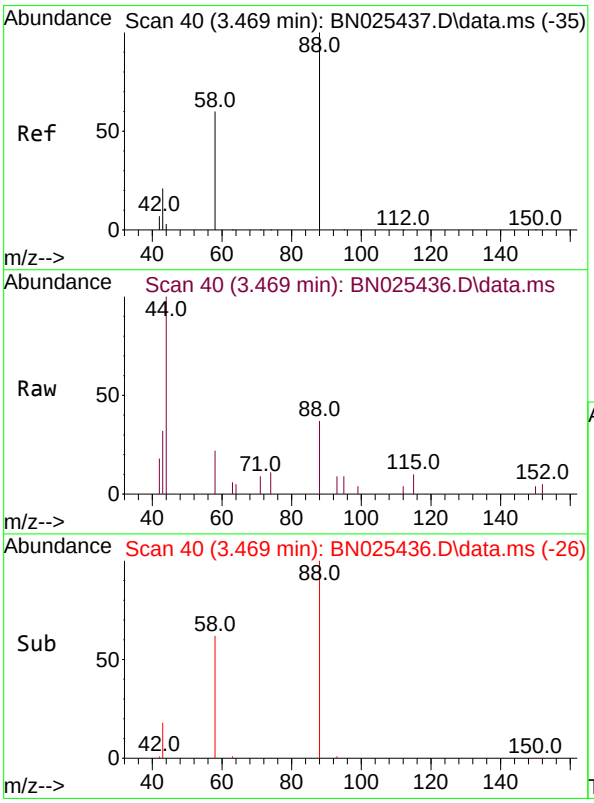
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.091 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5446

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	63.0	50.0	75.0

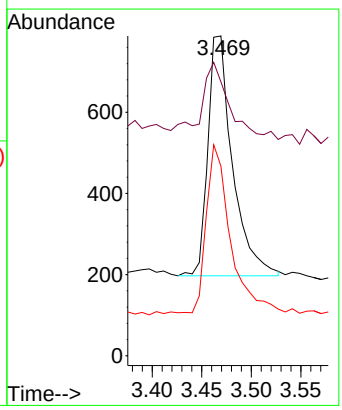


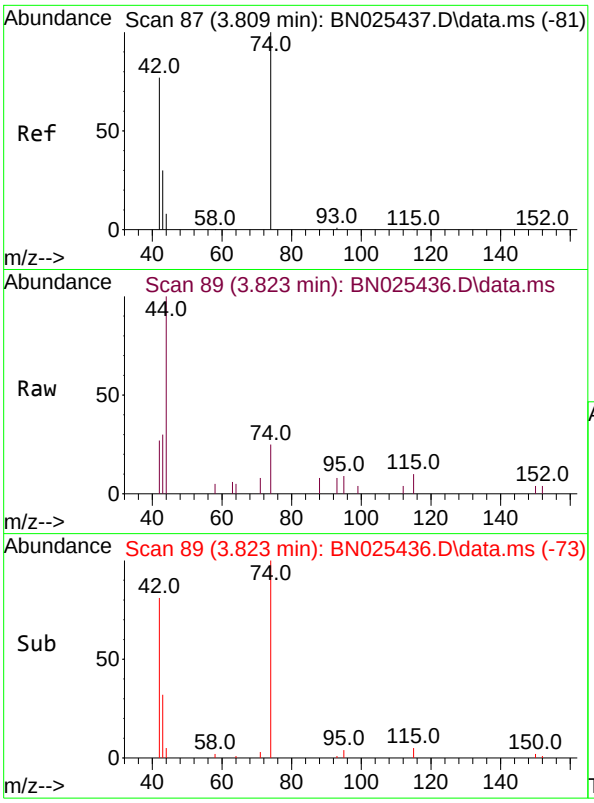


#2
1,4-Dioxane
Concen: 0.201 ng
RT: 3.469 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion: 88 Resp: 1023

Ion	Ratio	Lower	Upper
88	100		
43	37.6	25.1	37.7
58	71.8	55.5	83.3



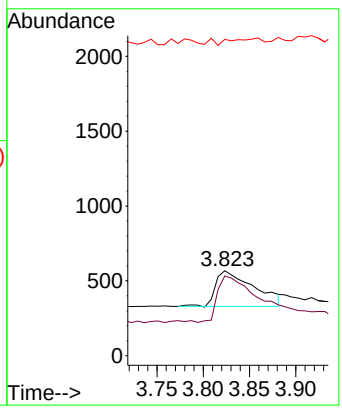


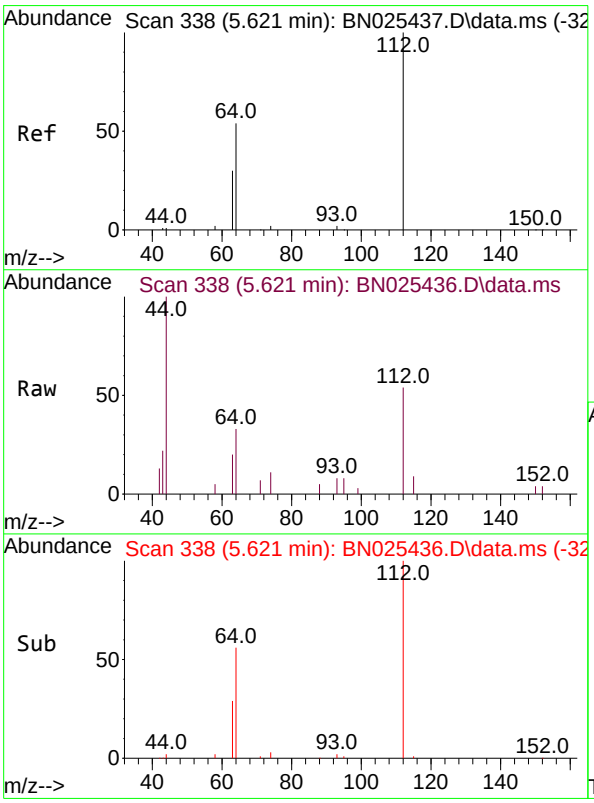
#3
n-Nitrosodimethylamine
Concen: 0.094 ng
RT: 3.823 min Scan# 8
Delta R.T. 0.014 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 688

Ion	Ratio	Lower	Upper
42	100		
74	133.9	100.1	150.1
44	3.1	0.0	0.0#

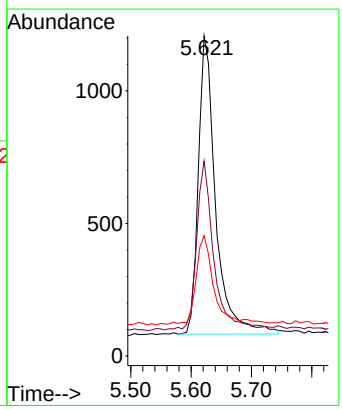


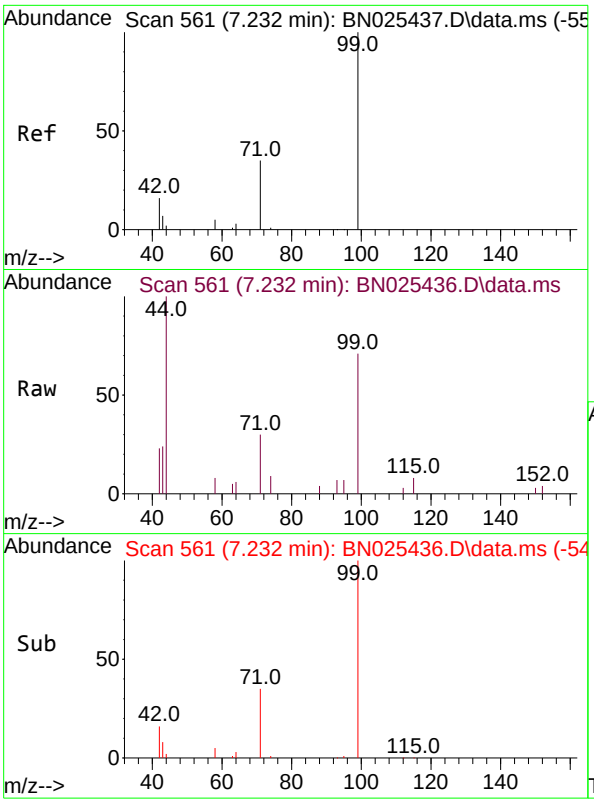


#4
2-Fluorophenol
Concen: 0.192 ng
RT: 5.621 min Scan# 338
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:112 Resp: 2240

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.9	65.9
63	29.8	25.0	37.4



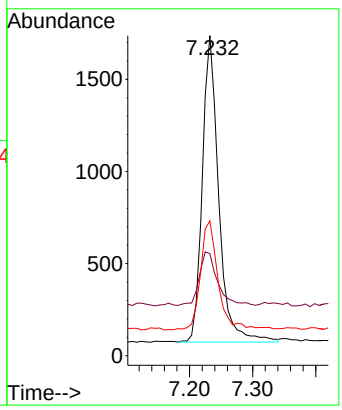


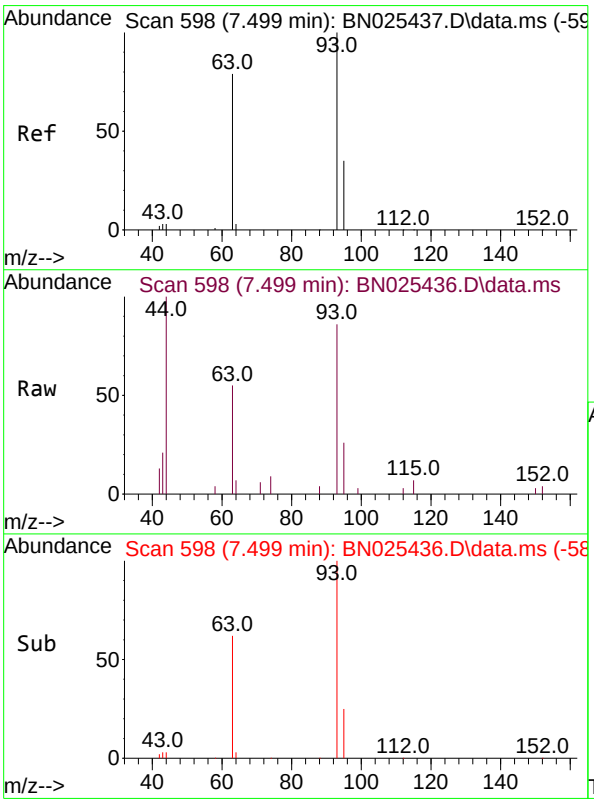
#5
Phenol-d6
Concen: 0.191 ng
RT: 7.232 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3000

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.4	24.6
71	38.3	29.4	44.0

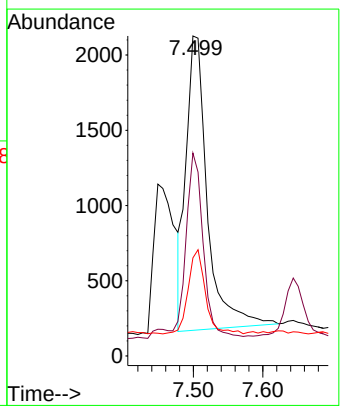


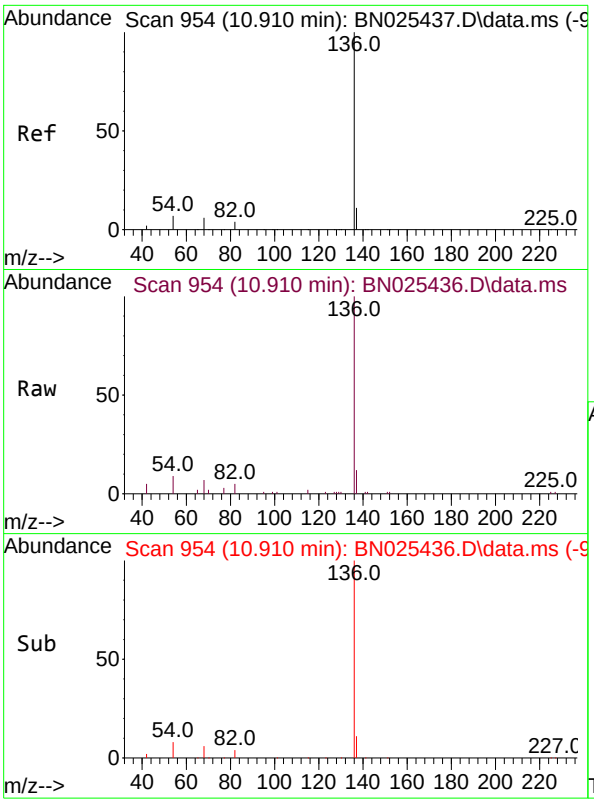


#6
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.499 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion: 93 Resp: 4170

Ion	Ratio	Lower	Upper
93	100		
63	48.8	48.5	72.7
95	23.1	22.0	33.0



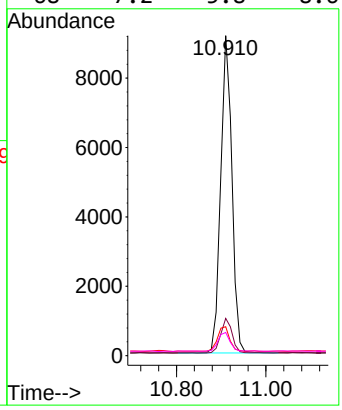


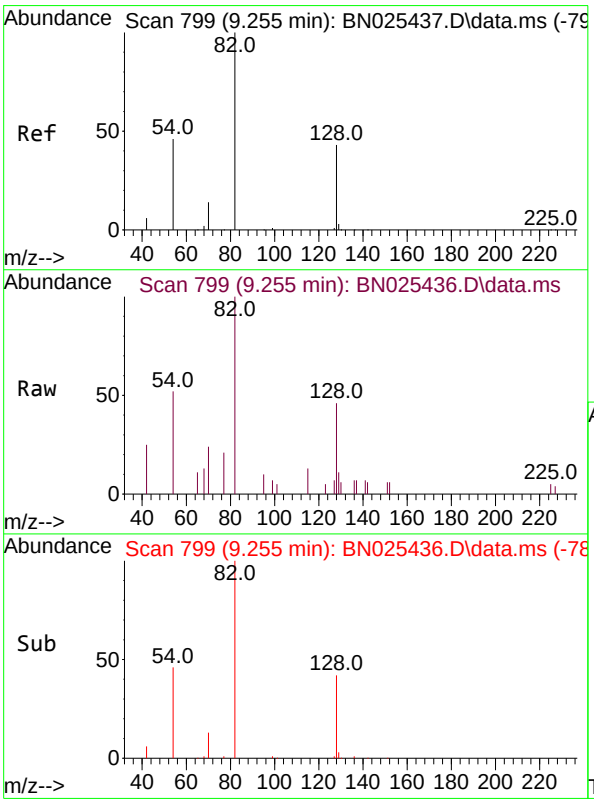
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 15998

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	9.0	7.0	10.4
68	7.2	5.8	8.6

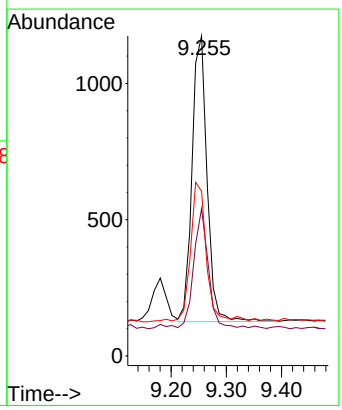


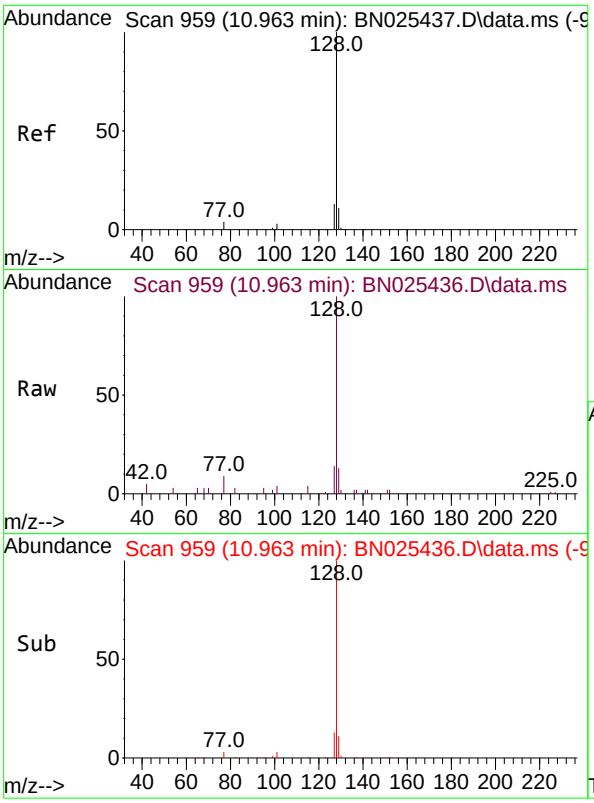


#8
Nitrobenzene-d5
Concen: 0.181 ng
RT: 9.255 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion: 82 Resp: 1977

Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.7	53.5
54	51.5	38.6	57.8



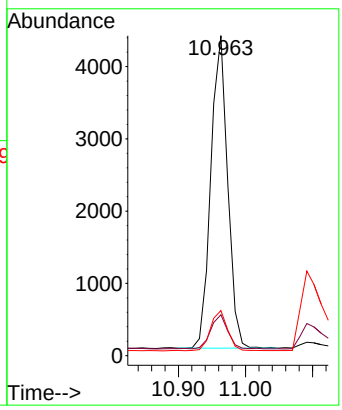


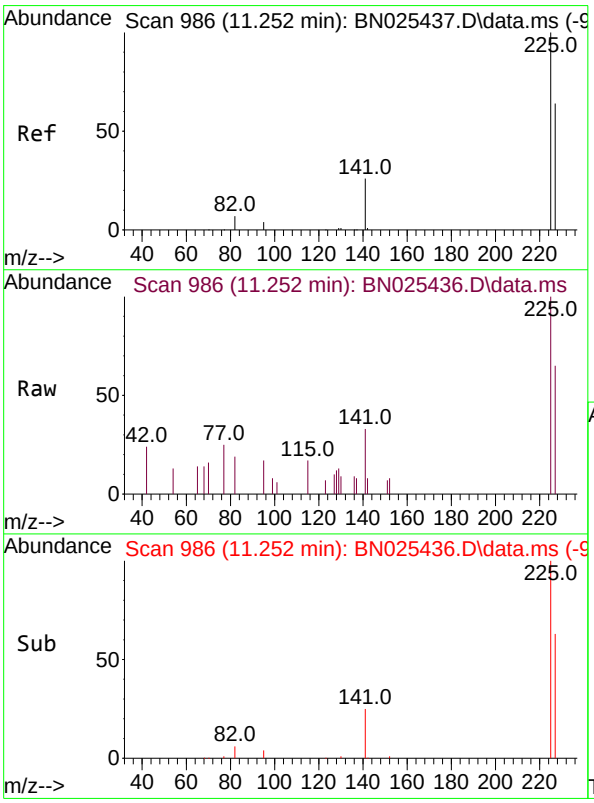
#9
Naphthalene
Concen: 0.189 ng
RT: 10.963 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7540

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.4	14.2
127	14.1	10.6	16.0

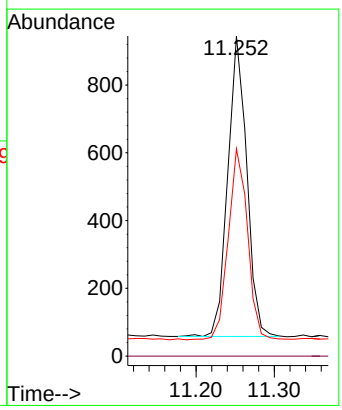


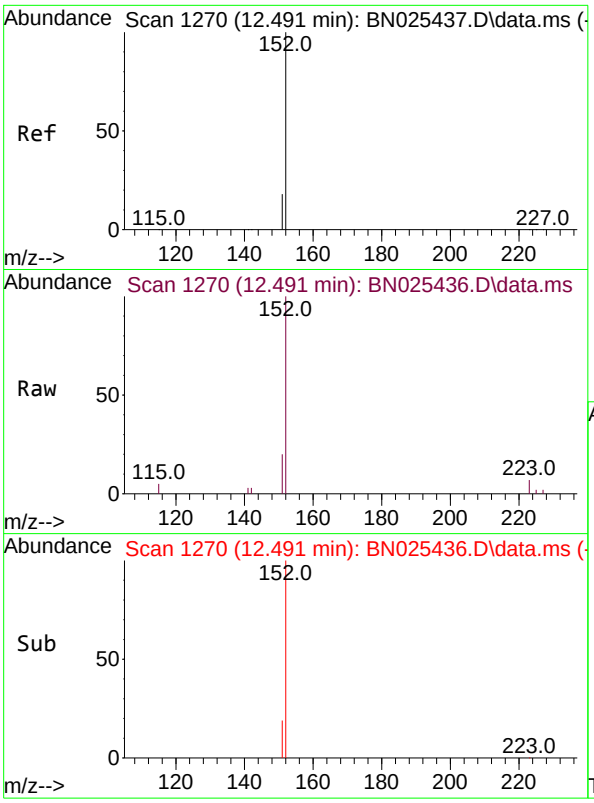


#10
Hexachlorobutadiene
Concen: 0.191 ng
RT: 11.252 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:225 Resp: 1492

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.1	76.7



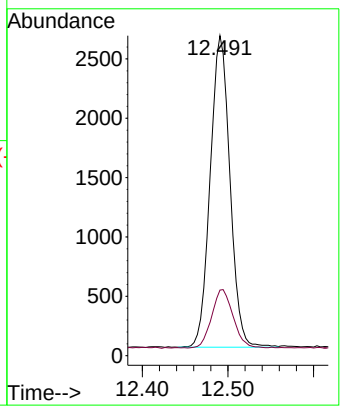


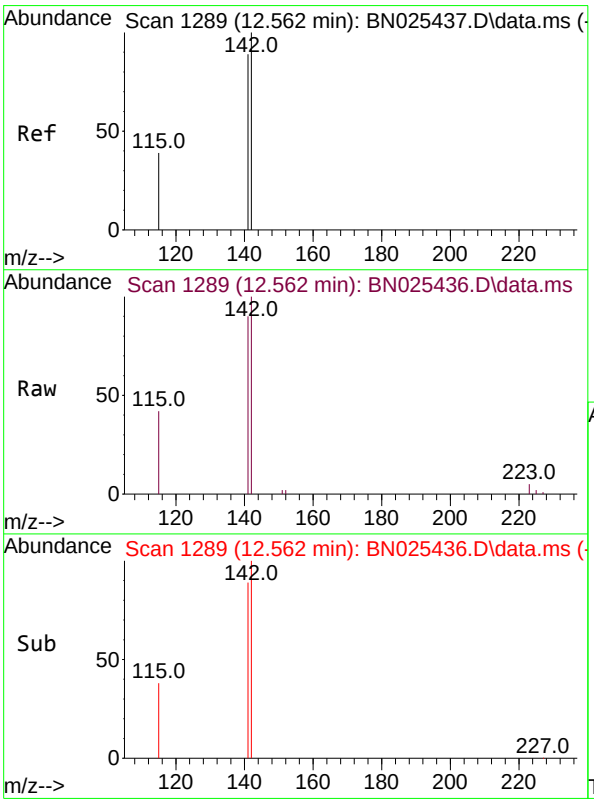
#11
2-Methylnaphthalene-d10
Concen: 0.188 ng
RT: 12.491 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 4215

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7

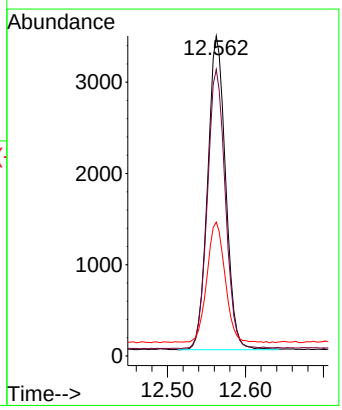


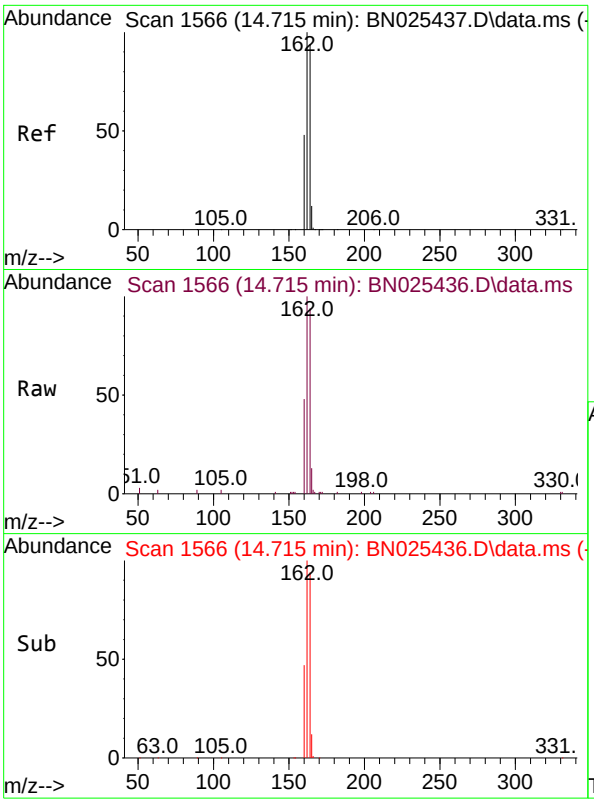


#12
2-Methylnaphthalene
Concen: 0.187 ng
RT: 12.562 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:142 Resp: 5506

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	41.9	32.6	48.8



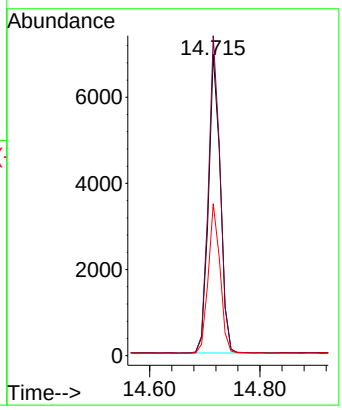


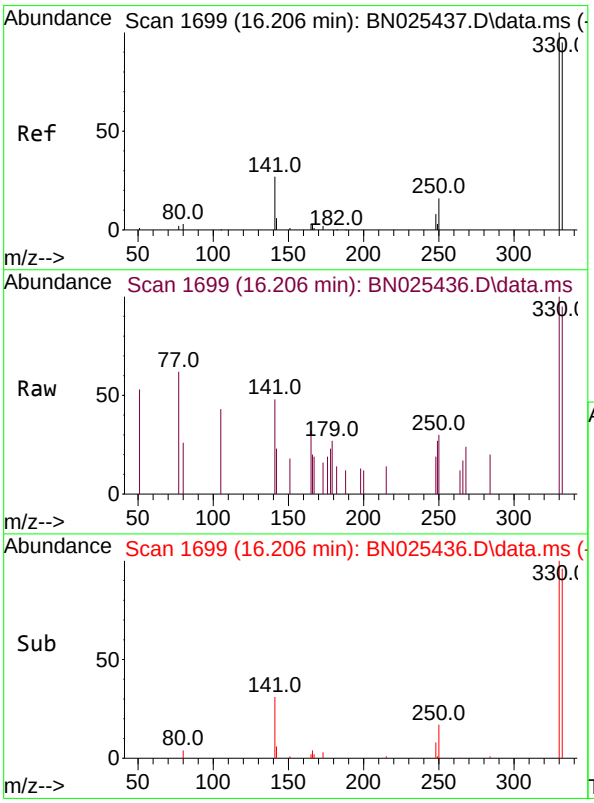
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 10361

Ion	Ratio	Lower	Upper
164	100		
162	106.2	84.8	127.2
160	50.5	40.6	61.0

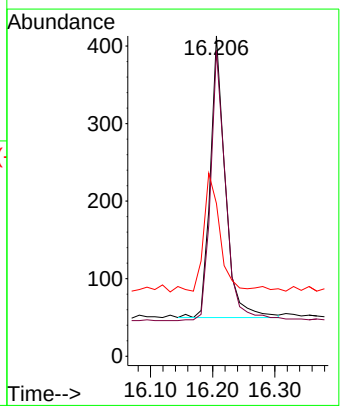


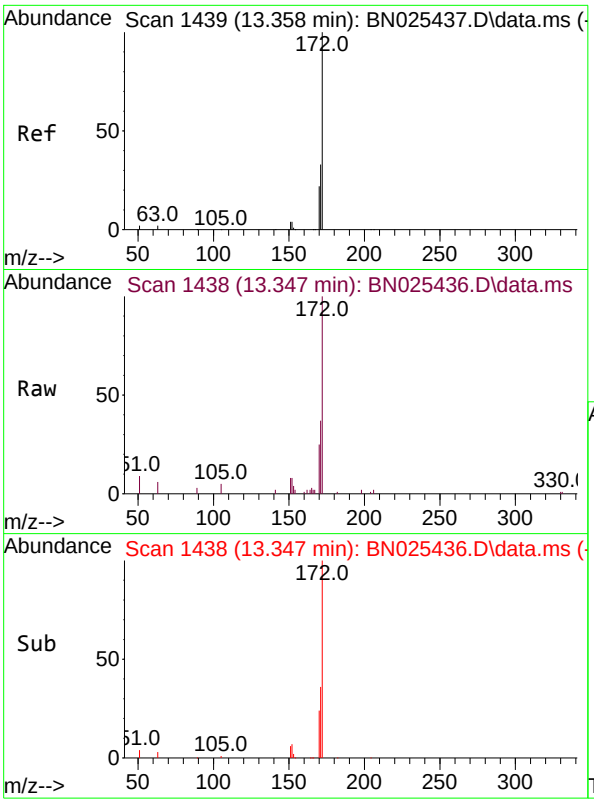


#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 16.206 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:330 Resp: 606

Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.5	113.3
141	42.1	35.3	52.9



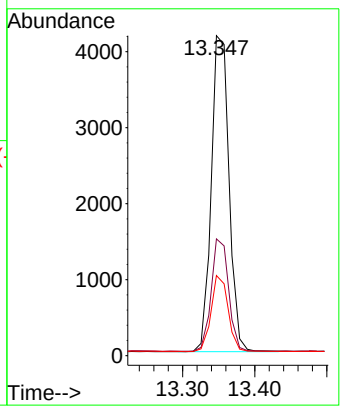


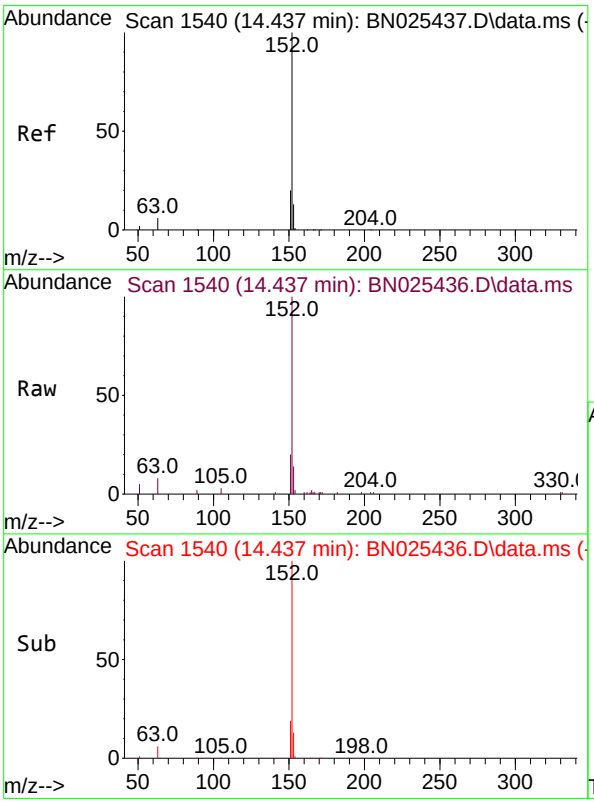
#15
2-Fluorobiphenyl
Concen: 0.188 ng
RT: 13.347 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 7114

Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.0	40.6
170	25.1	18.2	27.2

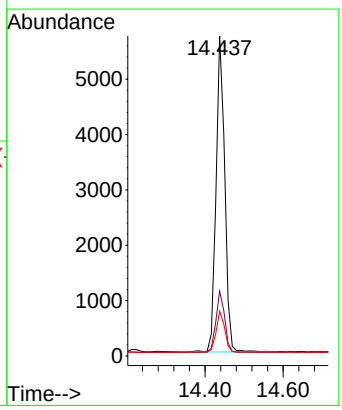


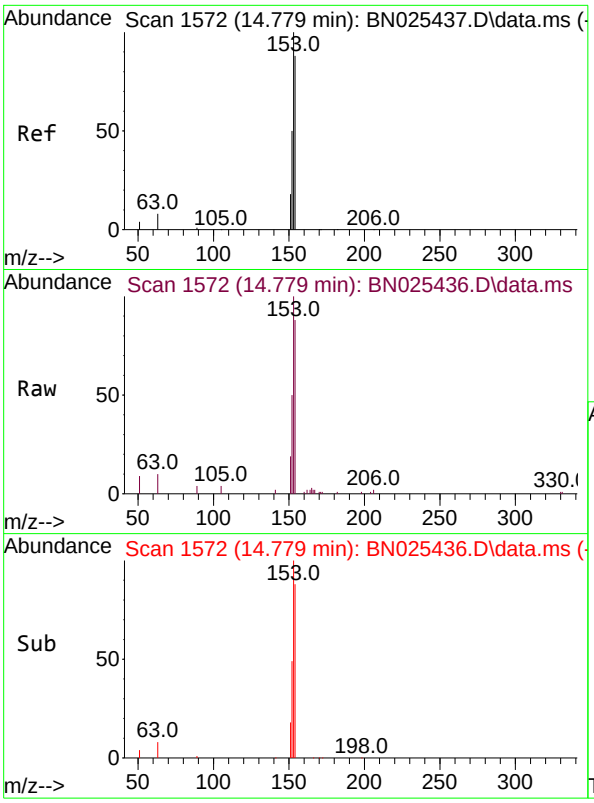


#16
Acenaphthylene
Concen: 0.185 ng
RT: 14.437 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:152 Resp: 8826

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.9	10.4	15.6



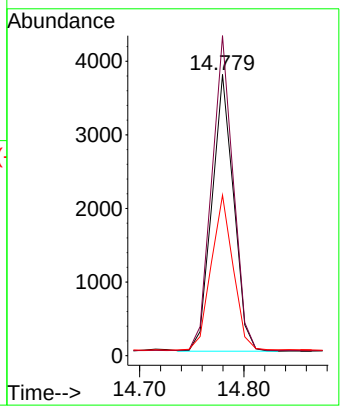


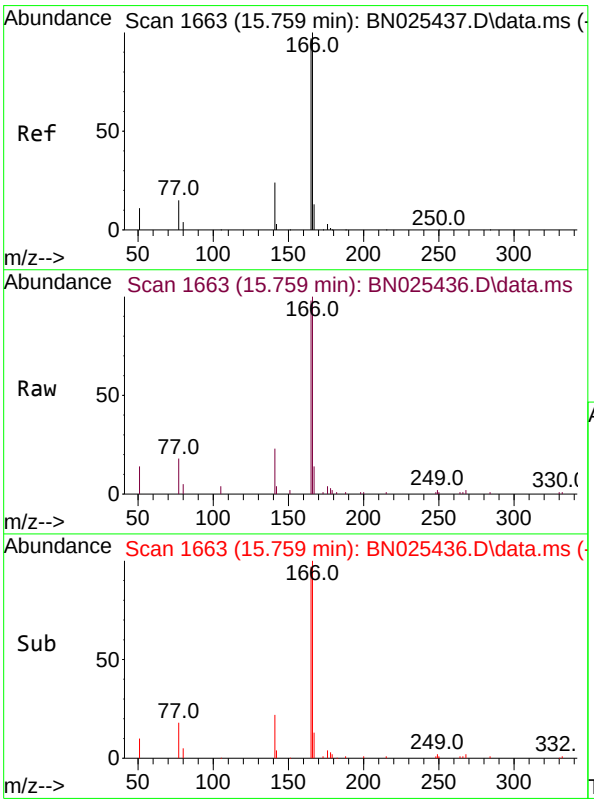
#17
Acenaphthene
Concen: 0.183 ng
RT: 14.779 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 5447

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	135.8
152	56.9	45.7	68.5

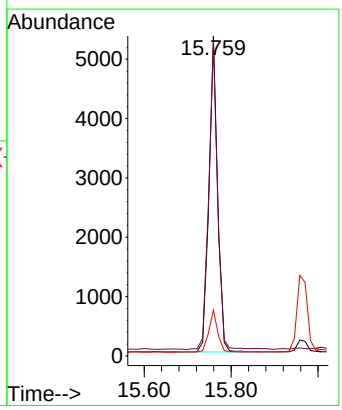


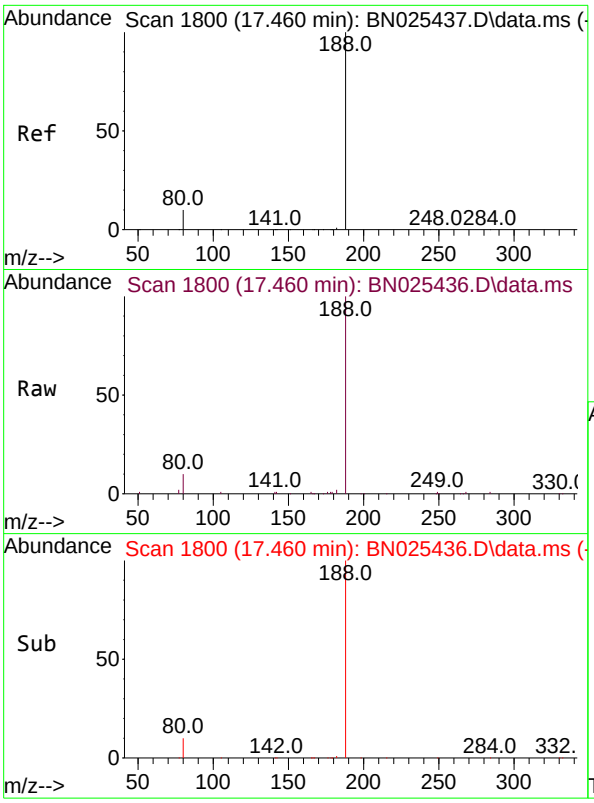


#18
Fluorene
Concen: 0.185 ng
RT: 15.759 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:166 Resp: 7232

Ion	Ratio	Lower	Upper
166	100		
165	100.2	76.7	115.1
167	13.3	10.5	15.7



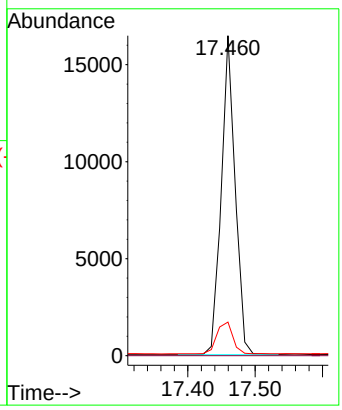


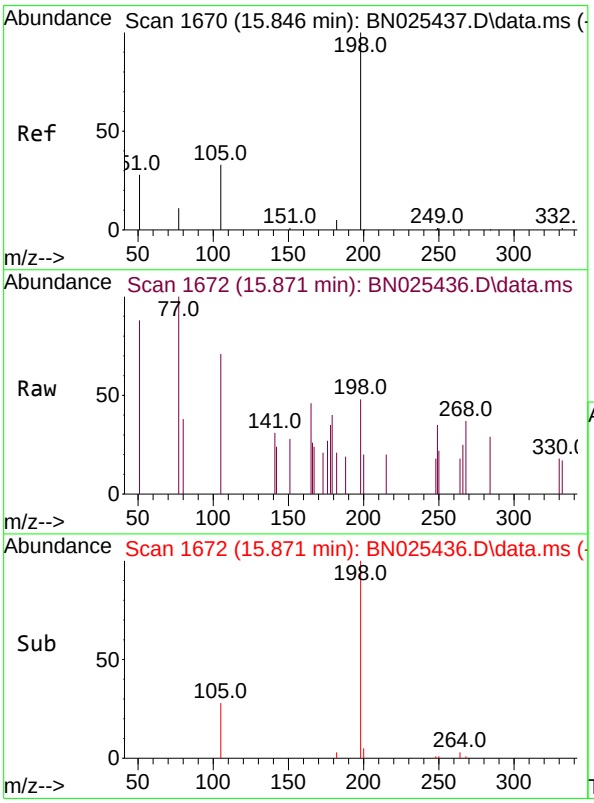
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 23542

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	8.7	13.1

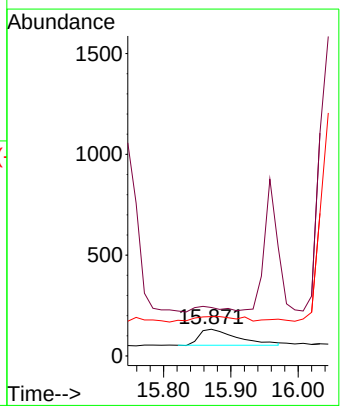


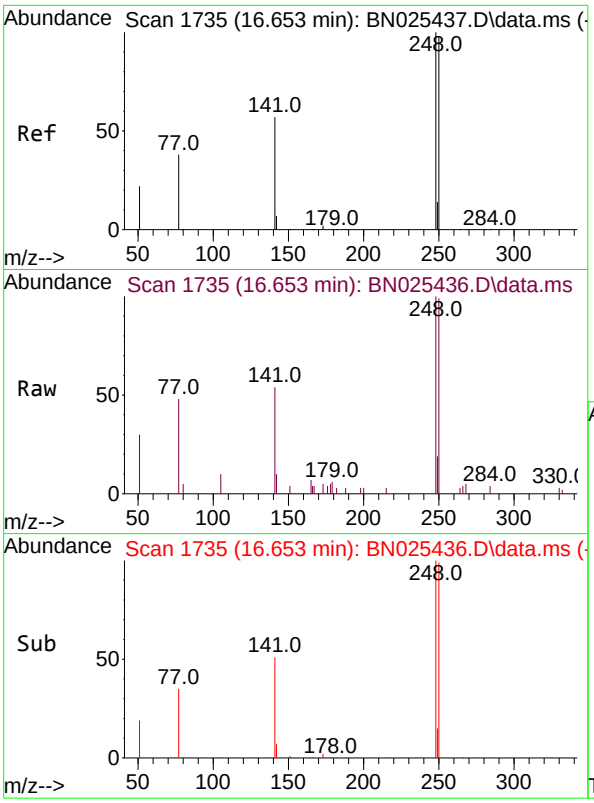


#20
4,6-Dinitro-2-methylphenol
Concen: 0.212 ng
RT: 15.871 min Scan# 1672
Delta R.T. 0.025 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:198 Resp: 313

Ion	Ratio	Lower	Upper
198	100		
51	181.8	68.5	102.7#
105	147.7	57.6	86.4#



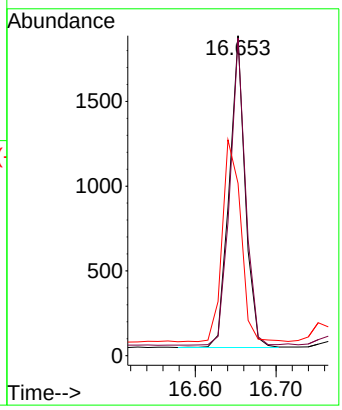


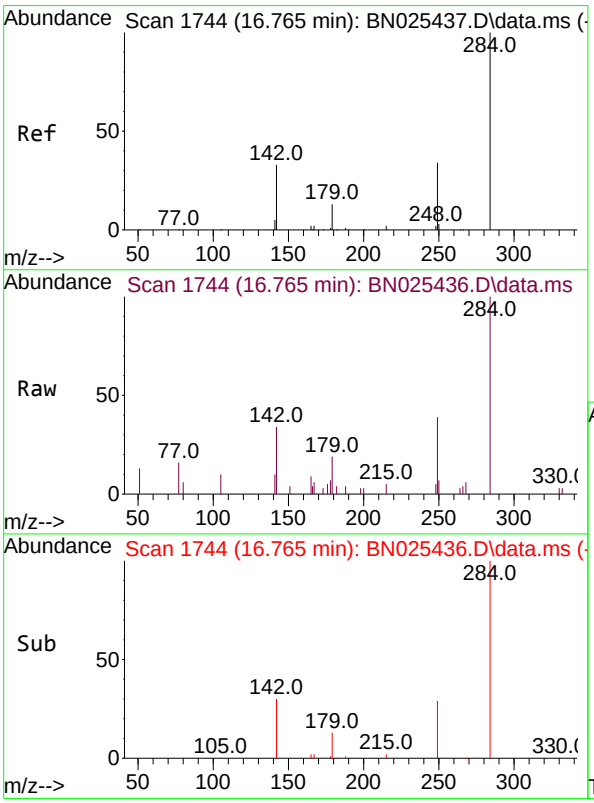
#21
4-Bromophenyl-phenylether
Concen: 0.185 ng
RT: 16.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 2522

Ion	Ratio	Lower	Upper
248	100		
250	99.3	79.0	118.4
141	53.9	46.5	69.7

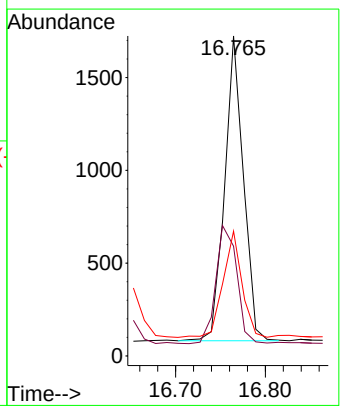


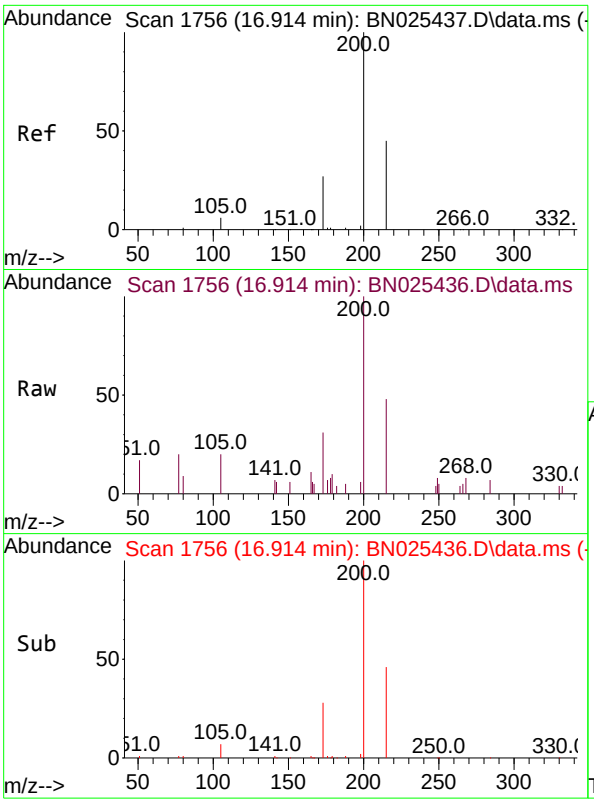


#22
Hexachlorobenzene
Concen: 0.189 ng
RT: 16.765 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:284 Resp: 2388

Ion	Ratio	Lower	Upper
284	100		
142	43.4	35.2	52.8
249	35.1	27.1	40.7



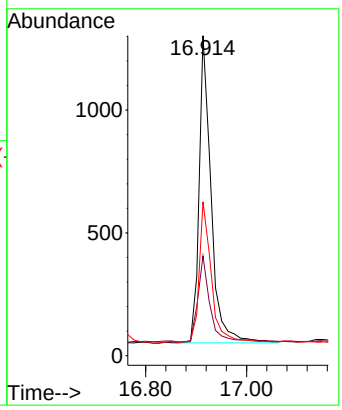


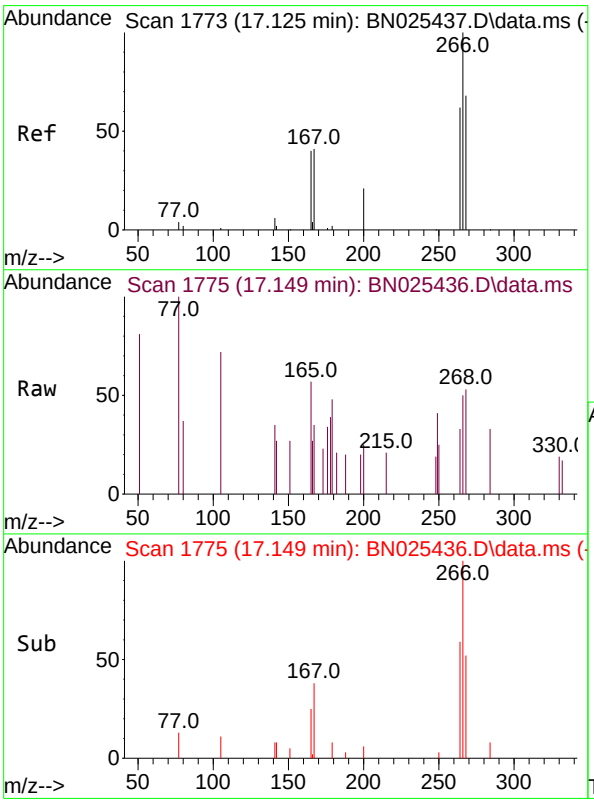
#23
Atrazine
Concen: 0.180 ng
RT: 16.914 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 2071

Ion	Ratio	Lower	Upper
200	100		
173	31.2	22.4	33.6
215	48.0	36.7	55.1

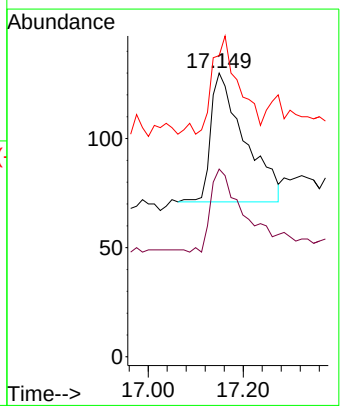


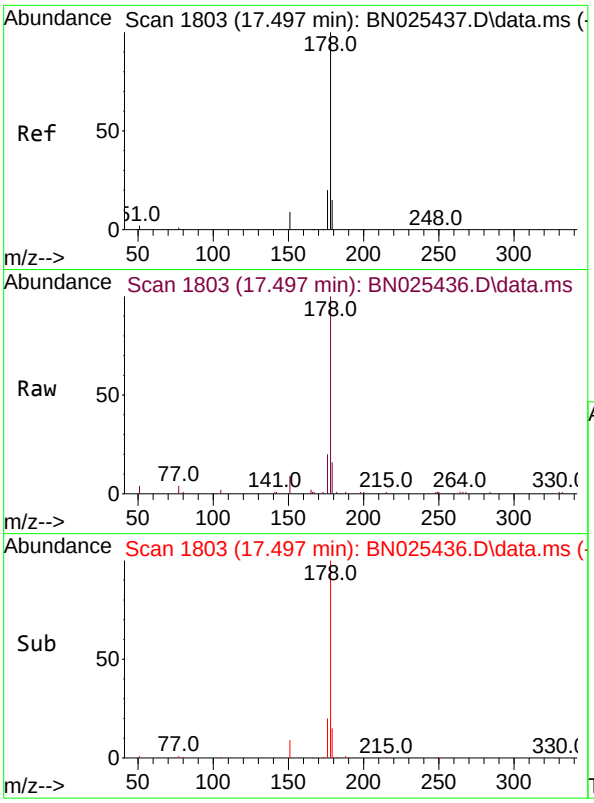


#24
Pentachlorophenol
Concen: 0.252 ng
RT: 17.149 min Scan# 1775
Delta R.T. 0.024 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:266 Resp: 293

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.5	74.3
268	59.0	51.0	76.4



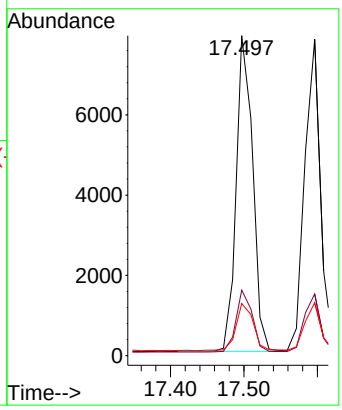


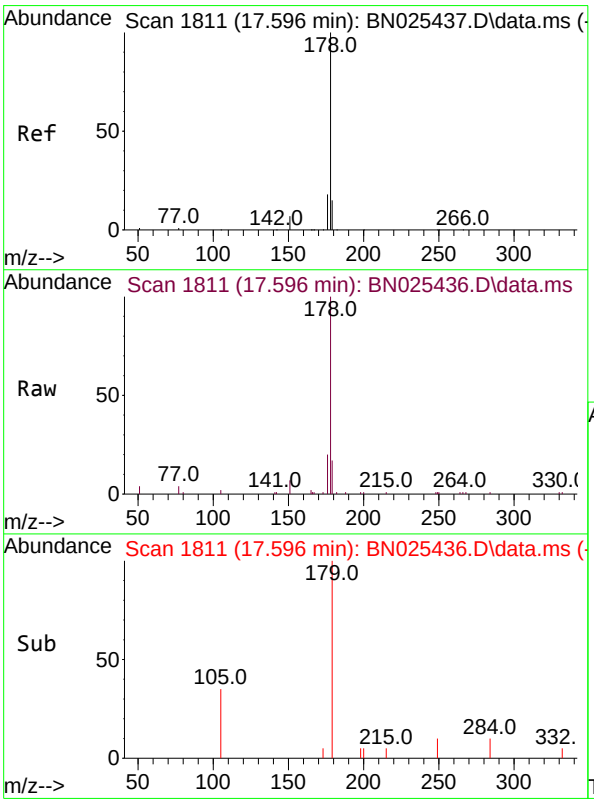
#25
Phenanthrene
Concen: 0.185 ng
RT: 17.497 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 12287

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.2	18.4

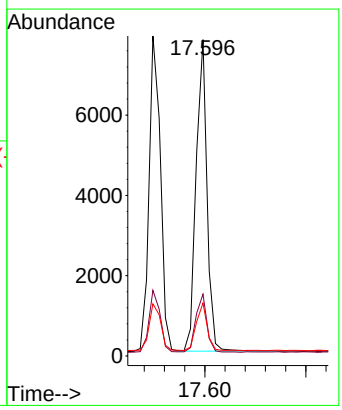


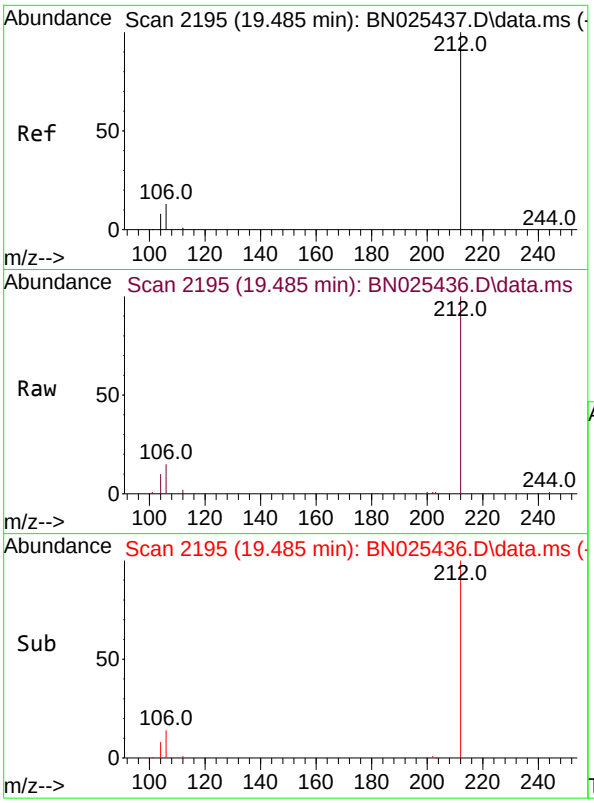


#26
Anthracene
Concen: 0.182 ng
RT: 17.596 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:178 Resp: 11686

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.1	18.1



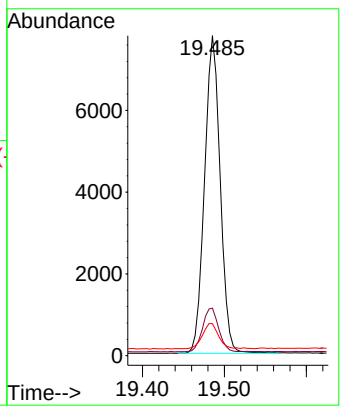


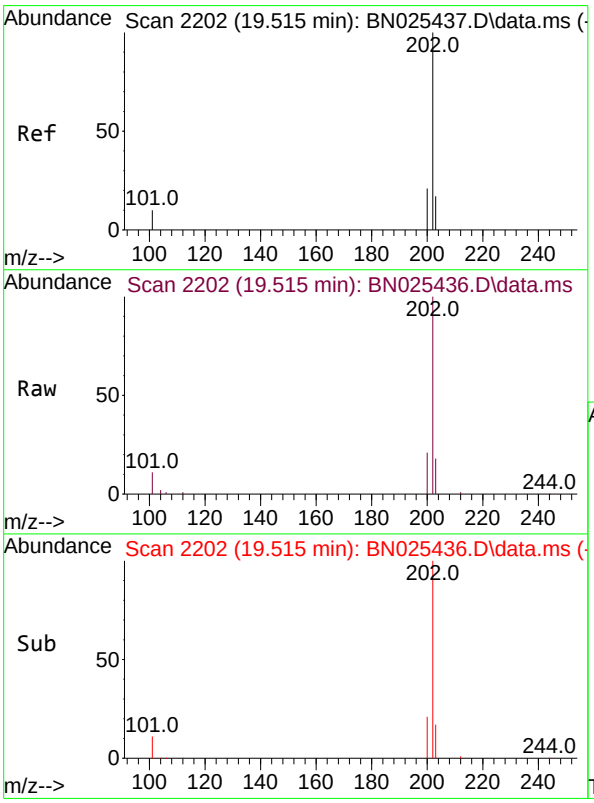
#27
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 10321

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.1	16.7
104	8.4	6.6	10.0

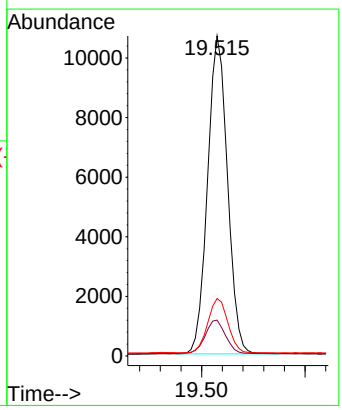


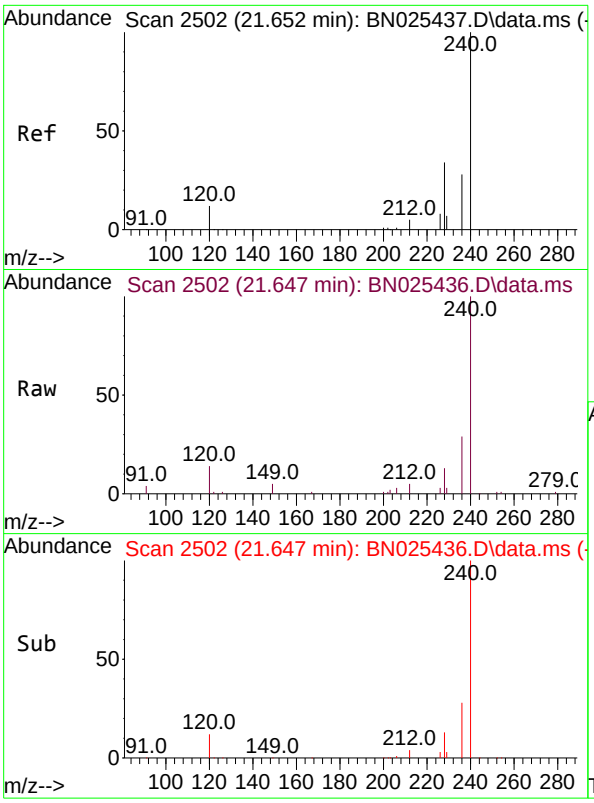


#28
Fluoranthene
Concen: 0.182 ng
RT: 19.515 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:202 Resp: 14277

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
203	17.2	13.9	20.9



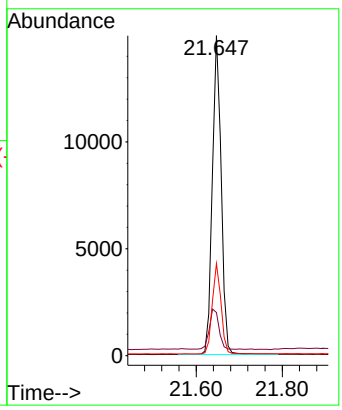


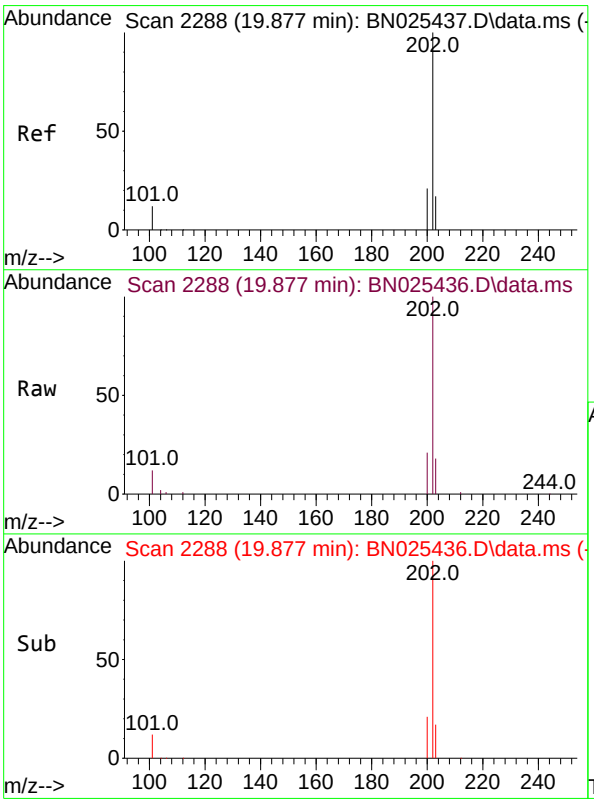
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 21314

Ion	Ratio	Lower	Upper
240	100		
120	13.5	11.6	17.4
236	28.8	22.9	34.3

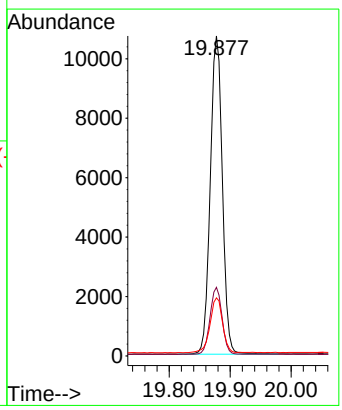


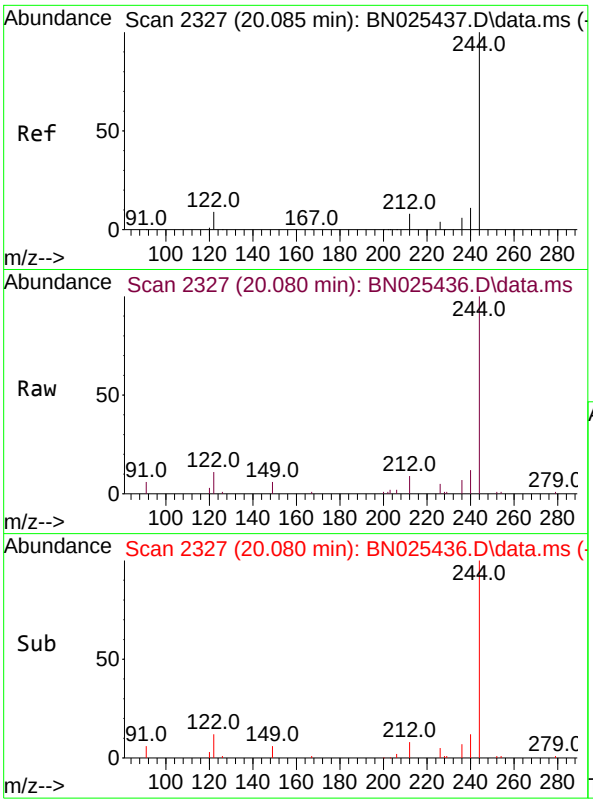


#30
Pyrene
Concen: 0.181 ng
RT: 19.877 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:202 Resp: 14765

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.1	14.2	21.4



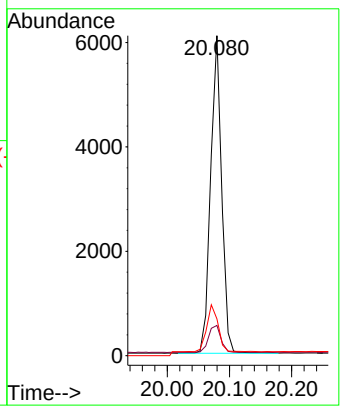


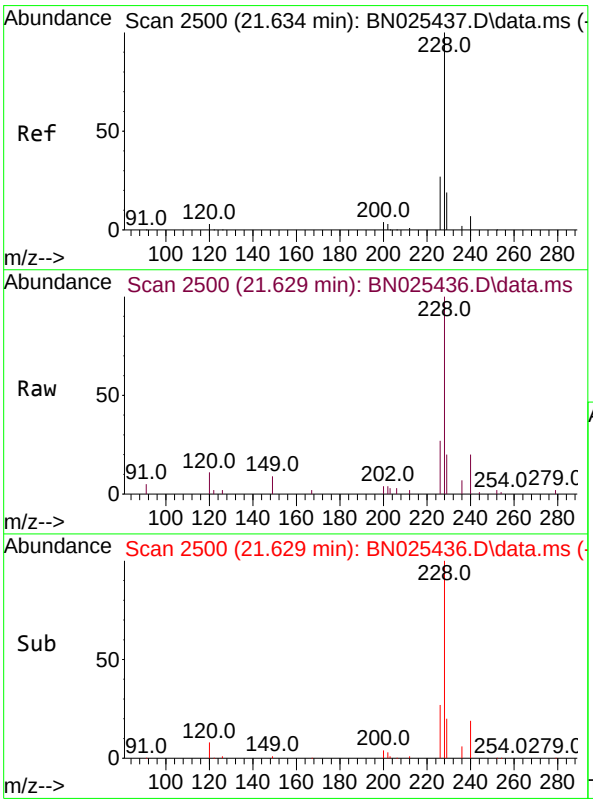
#31
Terphenyl-d14
Concen: 0.192 ng
RT: 20.080 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 7449

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.9	10.3
122	11.5	7.4	11.2#

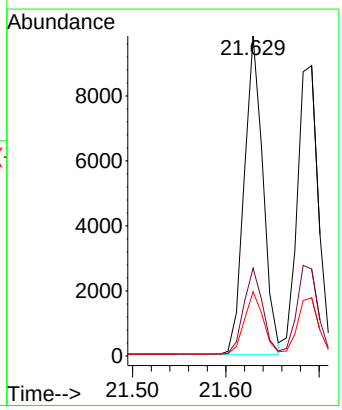


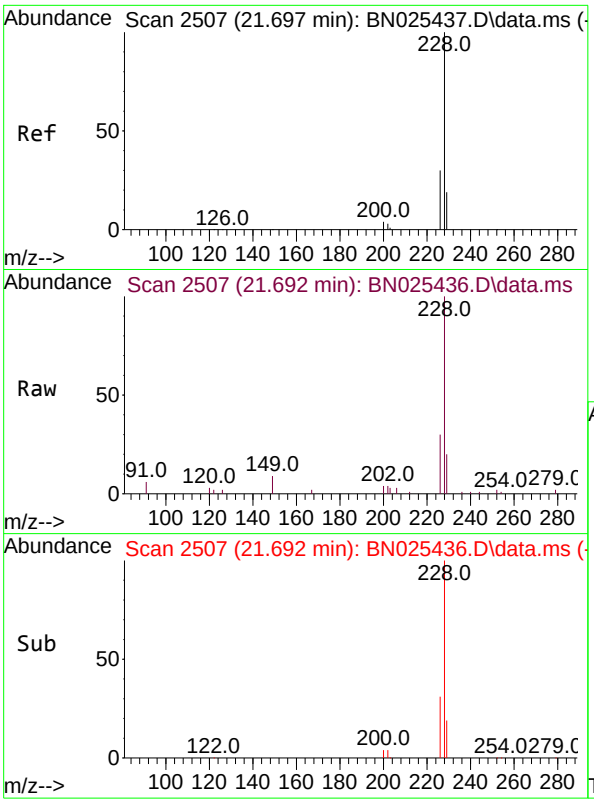


#32
Benzo(a)anthracene
Concen: 0.183 ng
RT: 21.629 min Scan# 2500
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:228 Resp: 13725

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	20.1	15.4	23.2



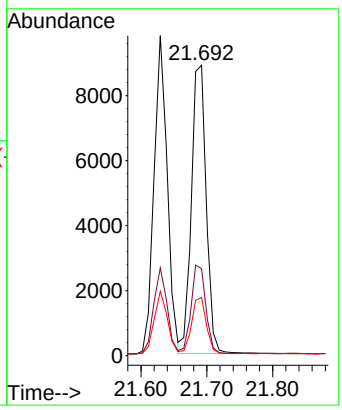


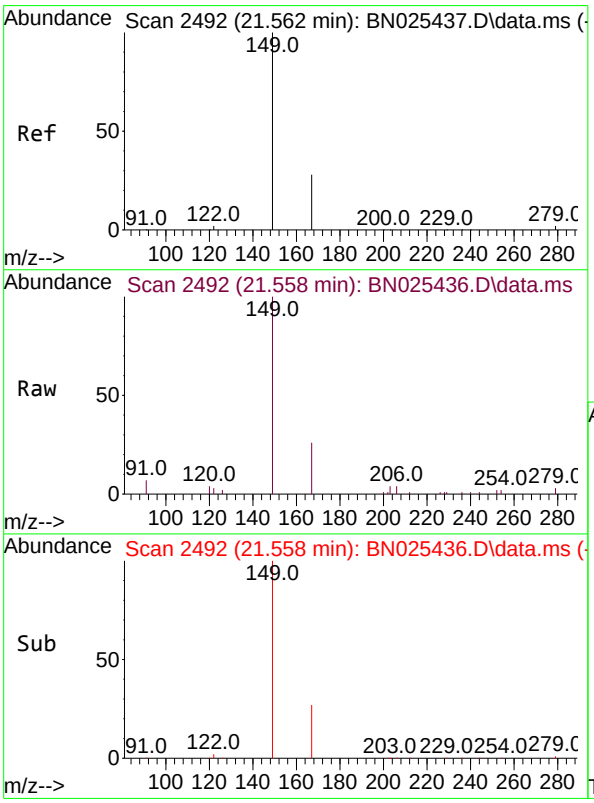
#33
Chrysene
Concen: 0.186 ng
RT: 21.692 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 13860

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	20.1	15.8	23.6

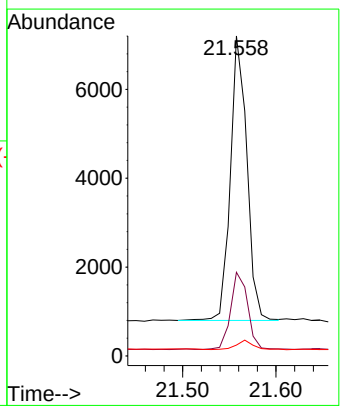


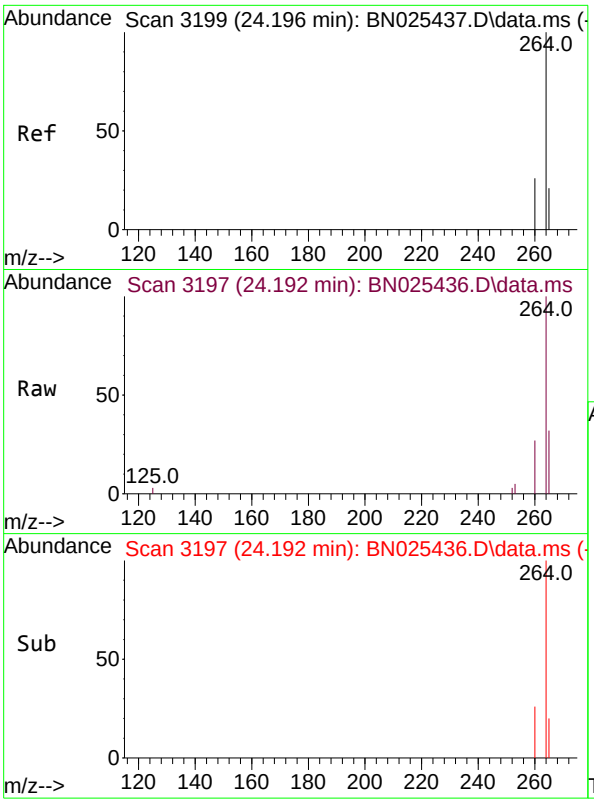


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.180 ng
RT: 21.558 min Scan# 2492
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:149 Resp: 7885

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	3.6	2.5	3.7



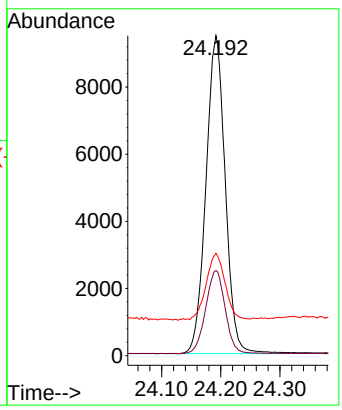


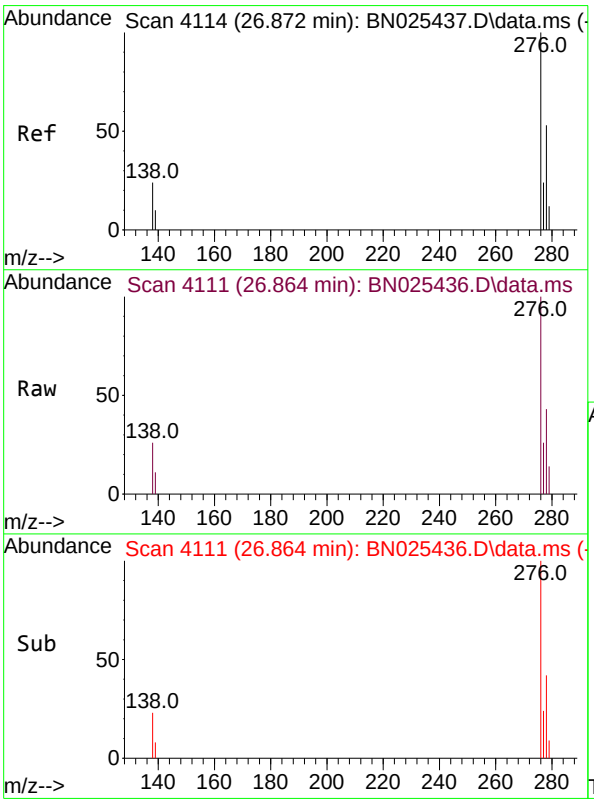
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.192 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 21441

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	32.0	25.5	38.3

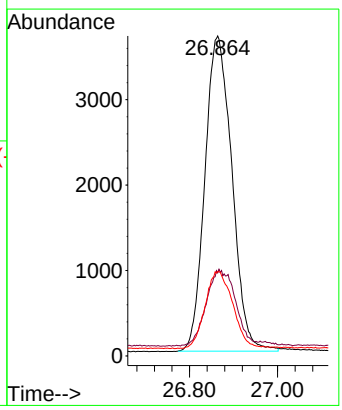


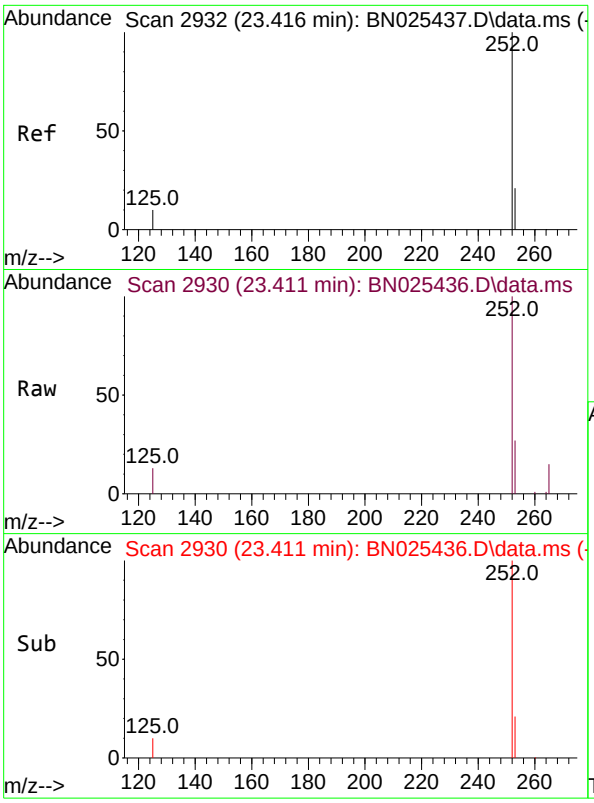


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng
RT: 26.864 min Scan# 4111
Delta R.T. -0.007 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:276 Resp: 15761

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.0	31.6
277	24.9	19.8	29.6



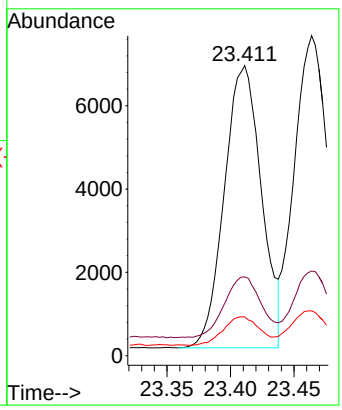


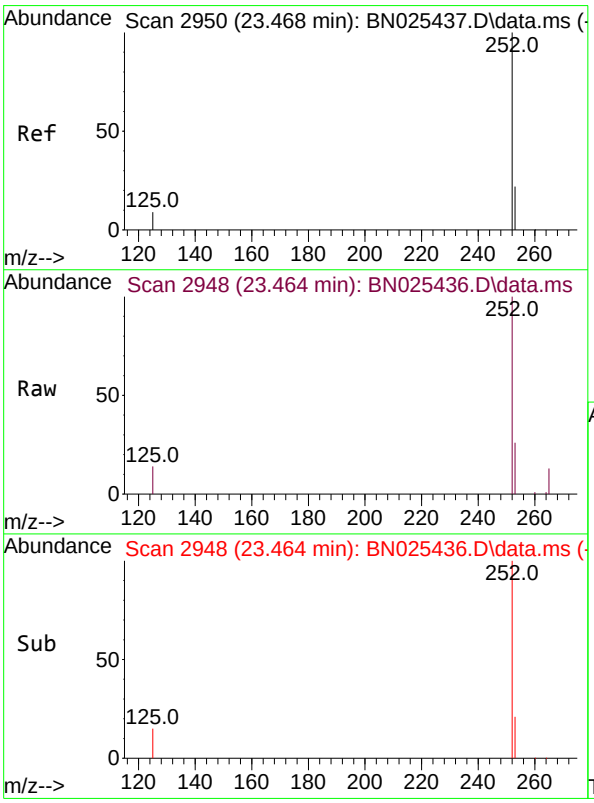
#37
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 23.411 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 13783

Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.0	28.4
125	13.4	9.4	14.2

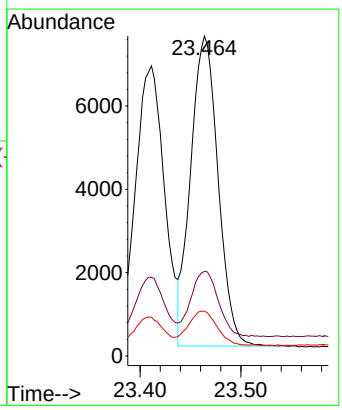


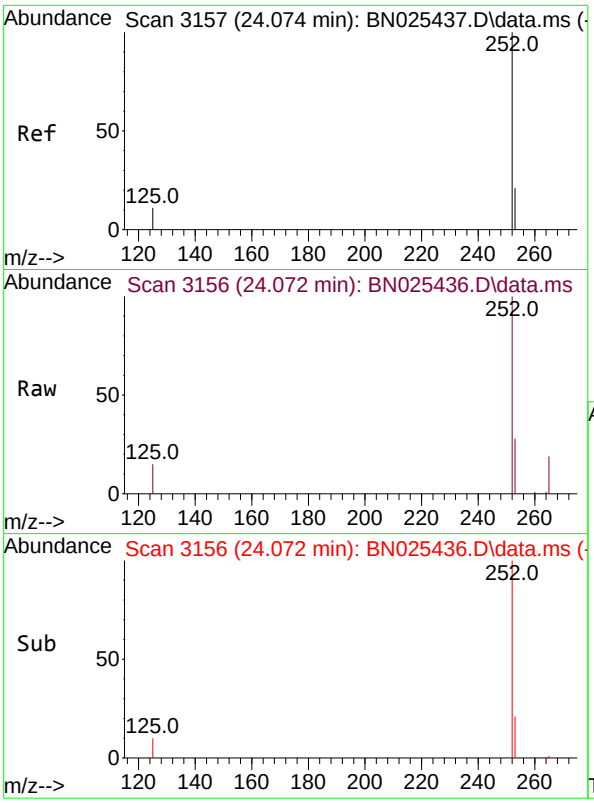


#38
Benzo(k)fluoranthene
Concen: 0.182 ng
RT: 23.464 min Scan# 2948
Delta R.T. -0.005 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:252 Resp: 14074

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.1	28.7
125	14.0	9.5	14.3



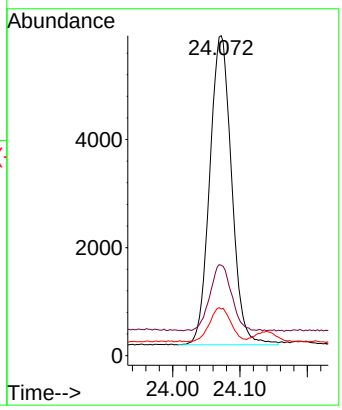


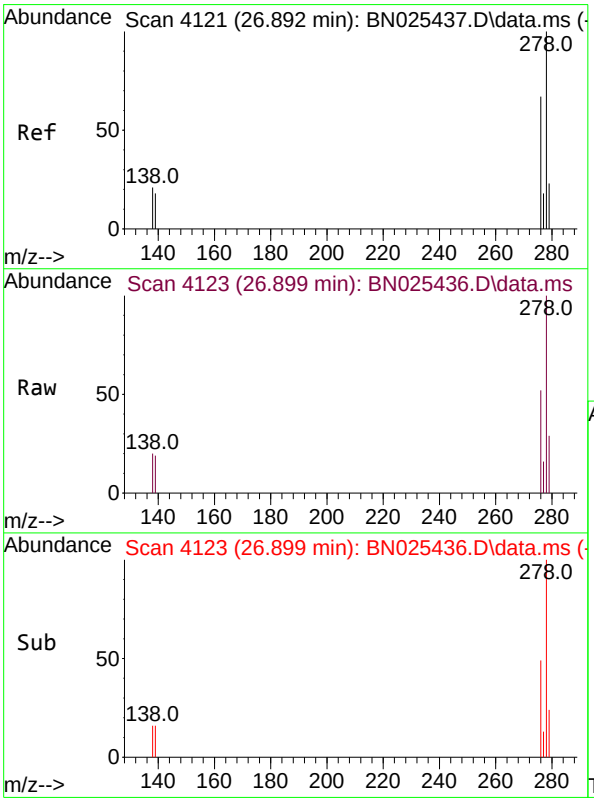
#39
Benzo(a)pyrene
Concen: 0.181 ng
RT: 24.072 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 12955

Ion	Ratio	Lower	Upper
252	100		
253	28.2	19.5	29.3
125	14.6	10.2	15.4

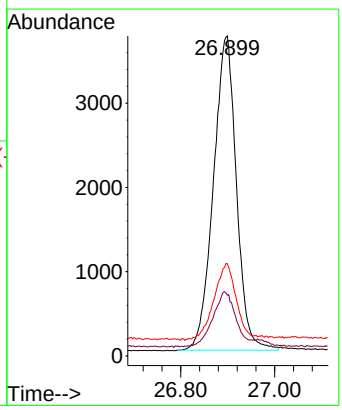


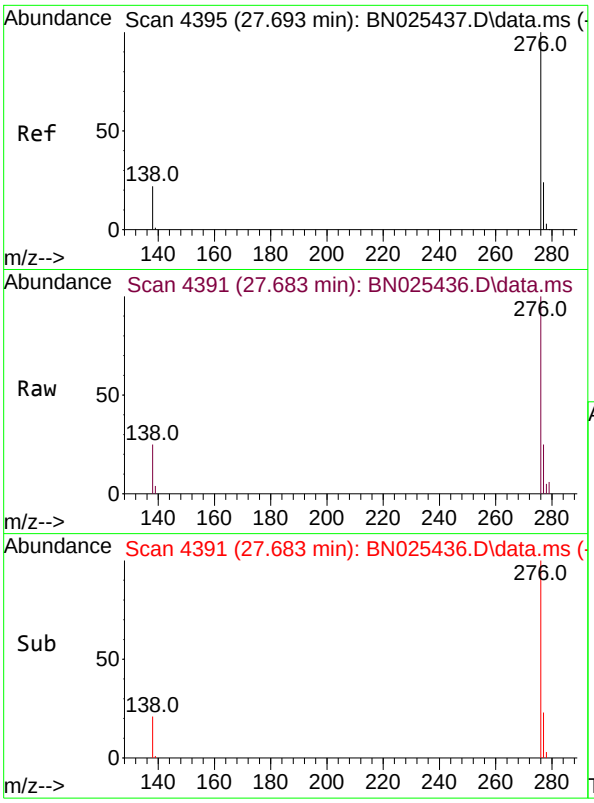


#40
Dibenzo(a,h)anthracene
Concen: 0.182 ng
RT: 26.899 min Scan# 4123
Delta R.T. 0.007 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Tgt Ion:278 Resp: 12691

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.4
279	28.8	20.1	30.1





#41
Benzo(g,h,i)perylene
Concen: 0.185 ng
RT: 27.683 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN025436.D
Acq: 16 May 2023 10:27

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 13606

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.6	29.4
138	24.7	19.0	28.6