Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025470.D
Acq On : 18 May 2023 11:37
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 18 17:46:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:44:09 2023
Response via : Initial Calibration

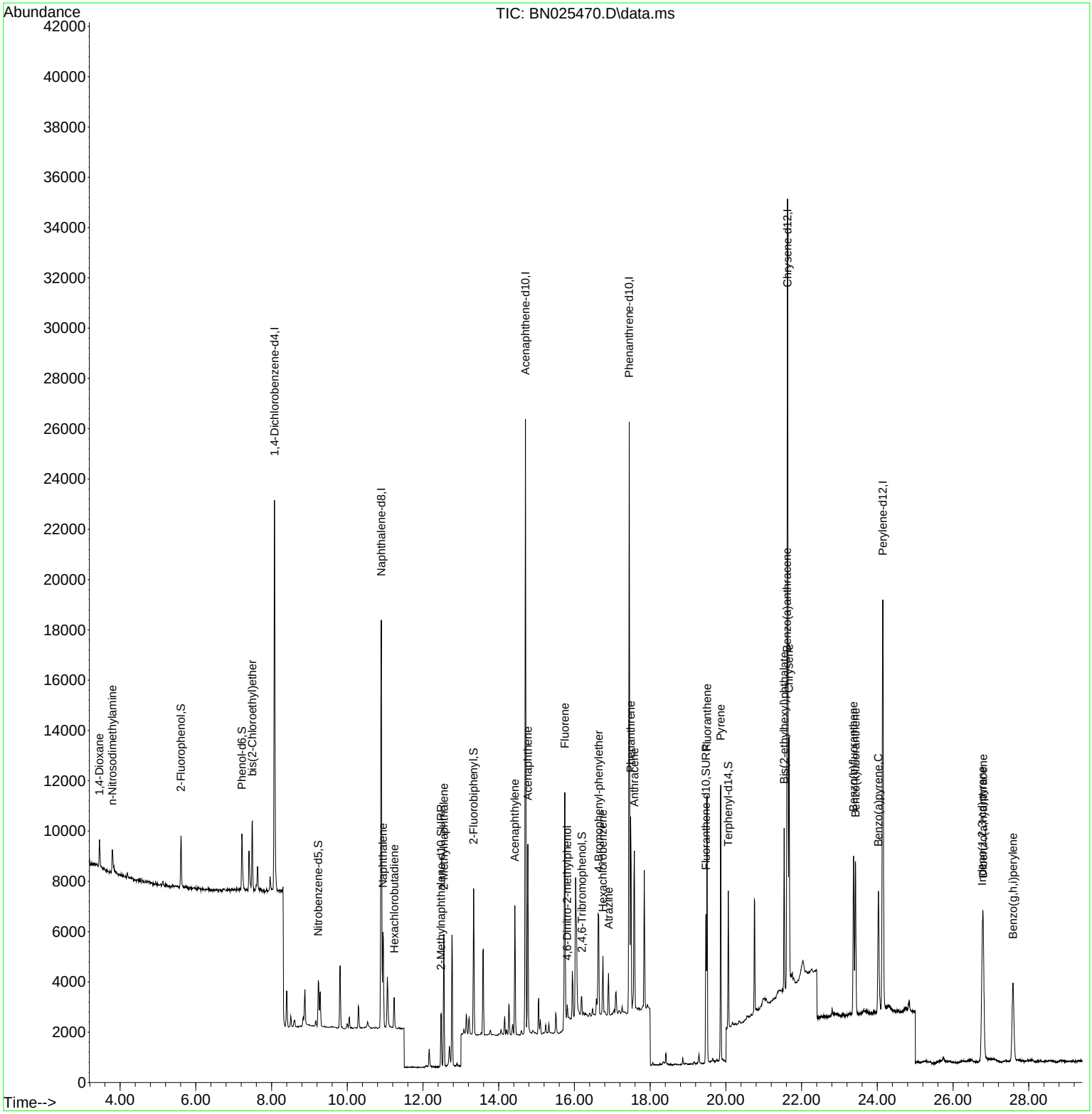
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	7662	0.400	ng		0.00
7) Naphthalene-d8	10.899	136	21590	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	13405	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	29867	0.400	ng		0.00
29) Chrysene-d12	21.629	240	26257	0.400	ng	#	0.00
35) Perylene-d12	24.145	264	24677	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	1753	0.101	ng		0.00
5) Phenol-d6	7.218	99	2186	0.098	ng		0.00
8) Nitrobenzene-d5	9.234	82	1627	0.094	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	2843	0.095	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	480	0.092	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	5020	0.098	ng		0.00
27) Fluoranthene-d10	19.473	212	6562	0.095	ng		0.00
31) Terphenyl-d14	20.062	244	4021	0.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	900	0.115	ng		92
3) n-Nitrosodimethylamine	3.794	42	736	0.085	ng	#	89
6) bis(2-Chloroethyl)ether	7.492	93	2245	0.104	ng		96
9) Naphthalene	10.942	128	5279	0.096	ng		95
10) Hexachlorobutadiene	11.241	225	1027	0.098	ng	#	99
12) 2-Methylnaphthalene	12.551	142	3718	0.094	ng		98
16) Acenaphthylene	14.427	152	5490	0.090	ng		100
17) Acenaphthene	14.769	154	3688	0.091	ng		97
18) Fluorene	15.747	166	4621	0.093	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	505	0.081	ng	#	1
21) 4-Bromophenyl-phenylether	16.641	248	1673	0.095	ng		97
22) Hexachlorobenzene	16.752	284	1560	0.095	ng		98
23) Atrazine	16.901	200	1326	0.093	ng		94
25) Phenanthrene	17.485	178	8514	0.097	ng		99
26) Anthracene	17.584	178	7514	0.092	ng		99
28) Fluoranthene	19.502	202	9248	0.093	ng		99
30) Pyrene	19.865	202	9676	0.092	ng		99
32) Benzo(a)anthracene	21.611	228	8983	0.094	ng		97
33) Chrysene	21.665	228	8727	0.093	ng		97
34) Bis(2-ethylhexyl)phtha...	21.540	149	5757	0.103	ng		99
36) Indeno(1,2,3-cd)pyrene	26.774	276	8676	0.087	ng		98
37) Benzo(b)fluoranthene	23.373	252	8410	0.092	ng	#	86
38) Benzo(k)fluoranthene	23.423	252	8541	0.092	ng	#	86
39) Benzo(a)pyrene	24.028	252	7868	0.091	ng	#	81
40) Dibenzo(a,h)anthracene	26.797	278	6839	0.085	ng	#	80
41) Benzo(g,h,i)perylene	27.586	276	7393	0.088	ng		92

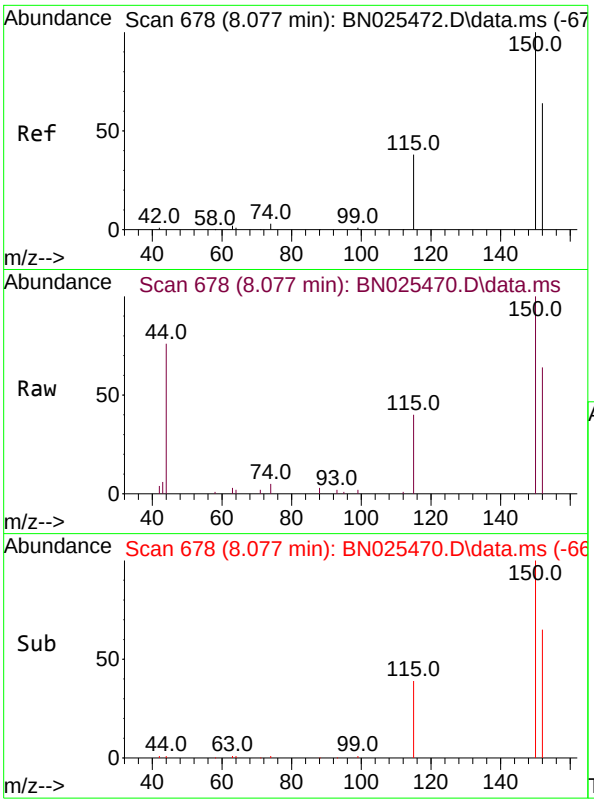
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025470.D
Acq On : 18 May 2023 11:37
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 18 17:46:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:44:09 2023
Response via : Initial Calibration



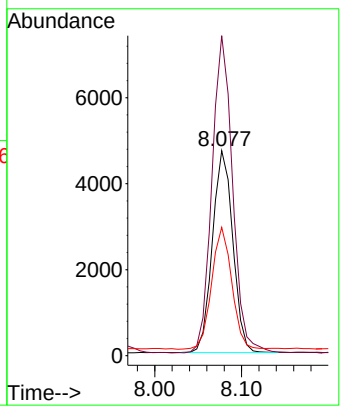


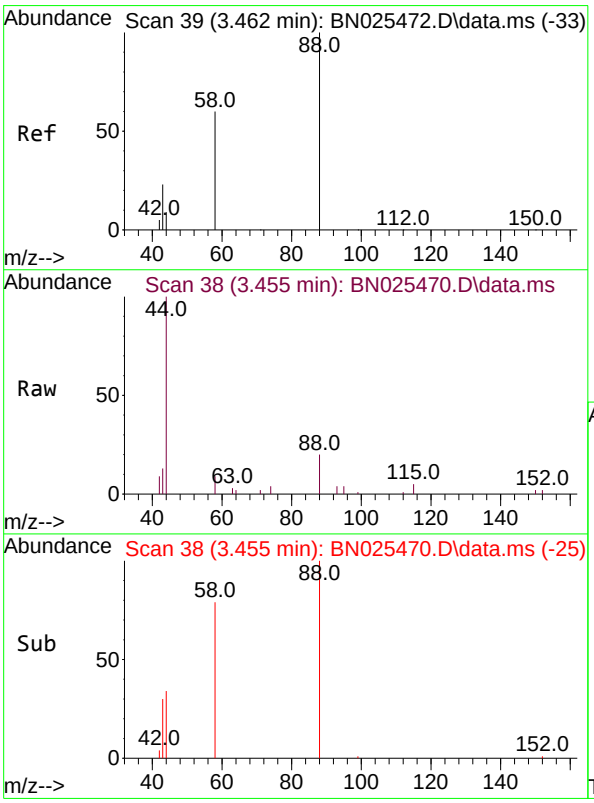
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.077 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 7662

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	62.7	50.2	75.2

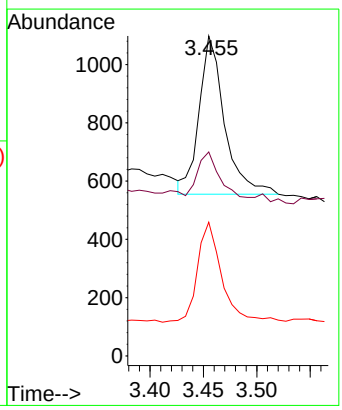


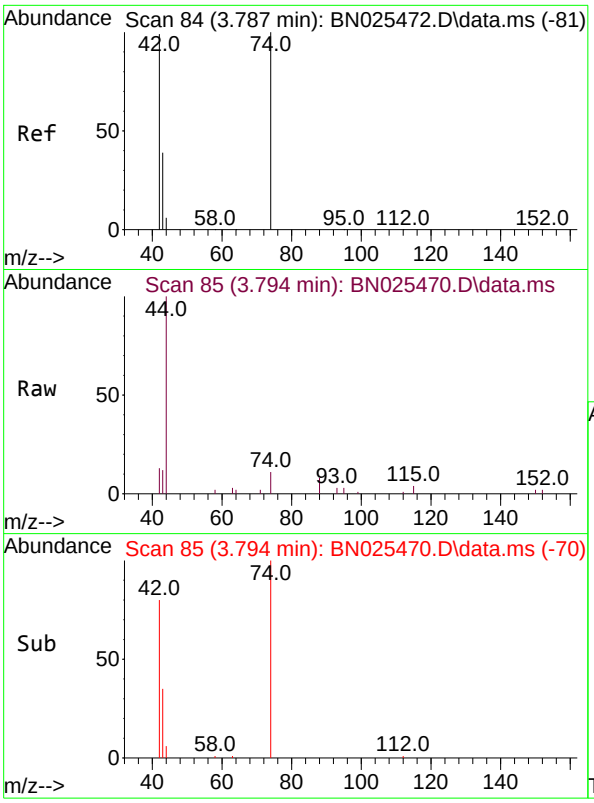


#2
1,4-Dioxane
Concen: 0.115 ng
RT: 3.455 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion: 88 Resp: 900

Ion	Ratio	Lower	Upper
88	100		
43	31.2	23.8	35.6
58	60.3	55.1	82.7



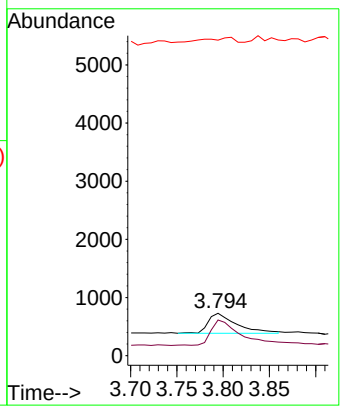


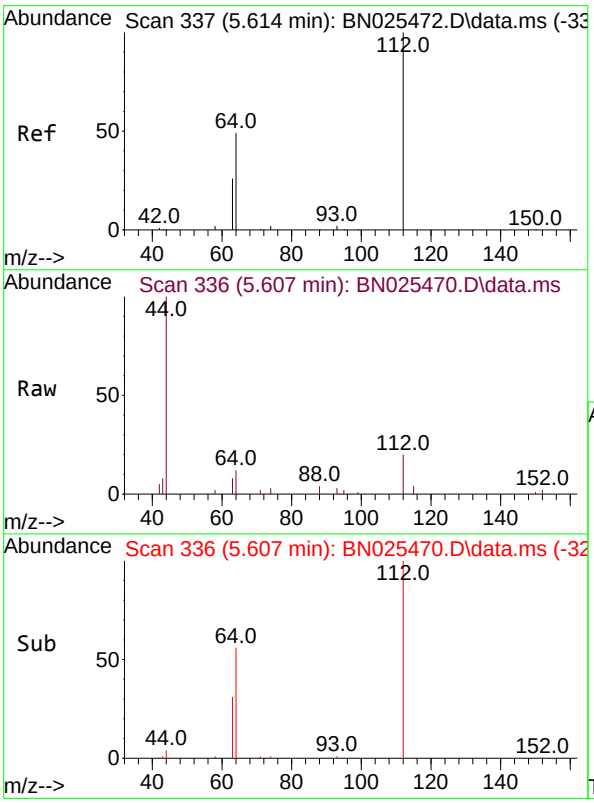
#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.794 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 736

Ion	Ratio	Lower	Upper
42	100		
74	133.8	100.2	150.4
44	28.4	8.6	12.8#

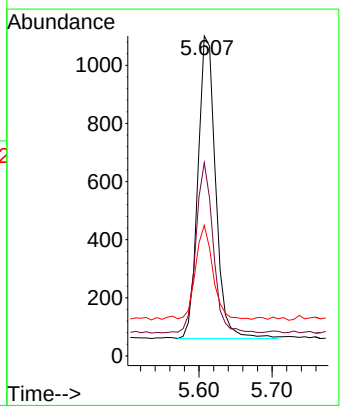


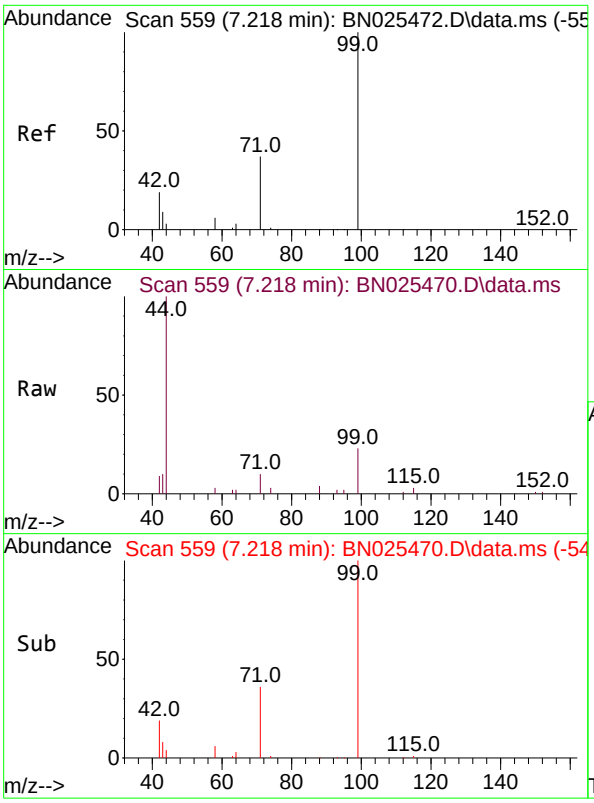


#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.607 min Scan# 336
Delta R.T. -0.007 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:112 Resp: 1753

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.0	66.0
63	31.8	24.0	36.0



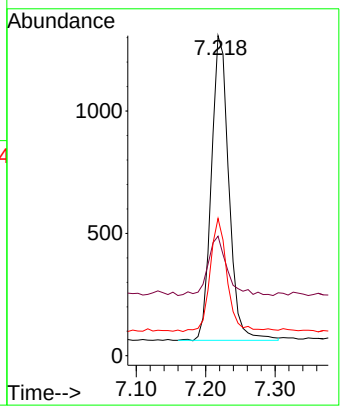


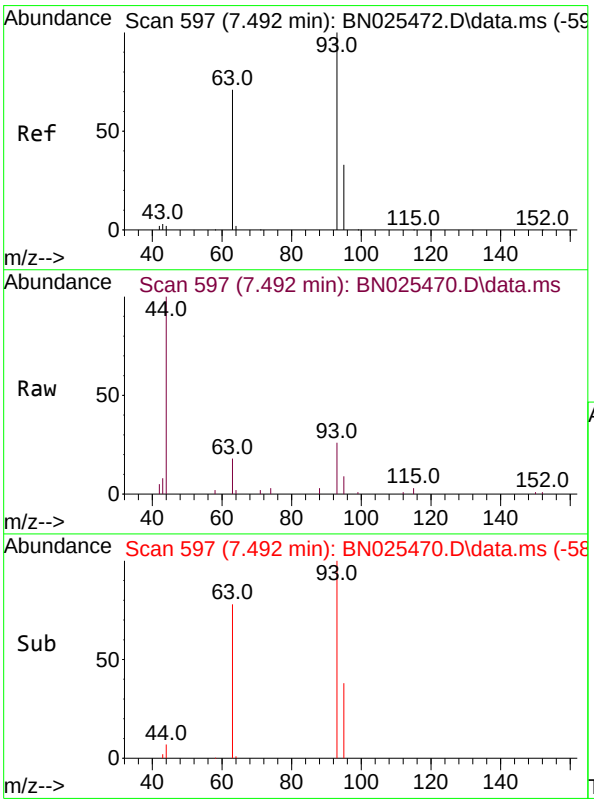
#5
Phenol-d6
Concen: 0.098 ng
RT: 7.218 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 2186

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.8	23.8
71	36.1	28.6	43.0

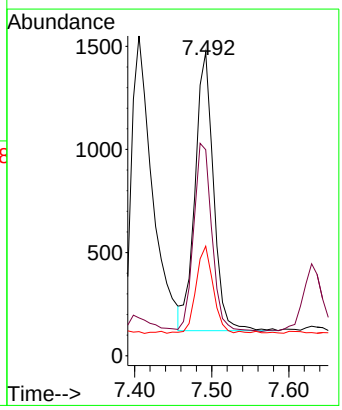


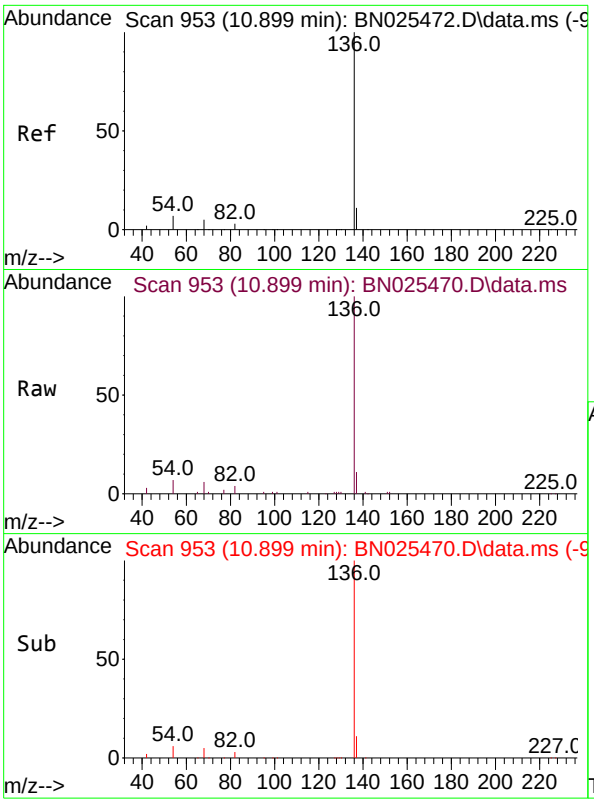


#6
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 7.492 min Scan# 597
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion: 93 Resp: 2245

Ion	Ratio	Lower	Upper
93	100		
63	67.1	55.8	83.6
95	29.1	25.7	38.5



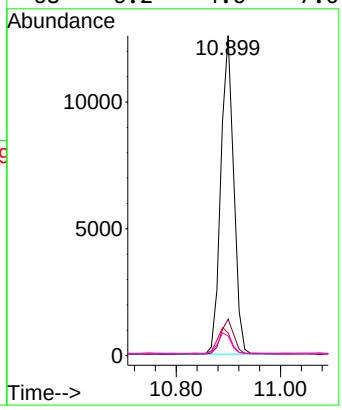


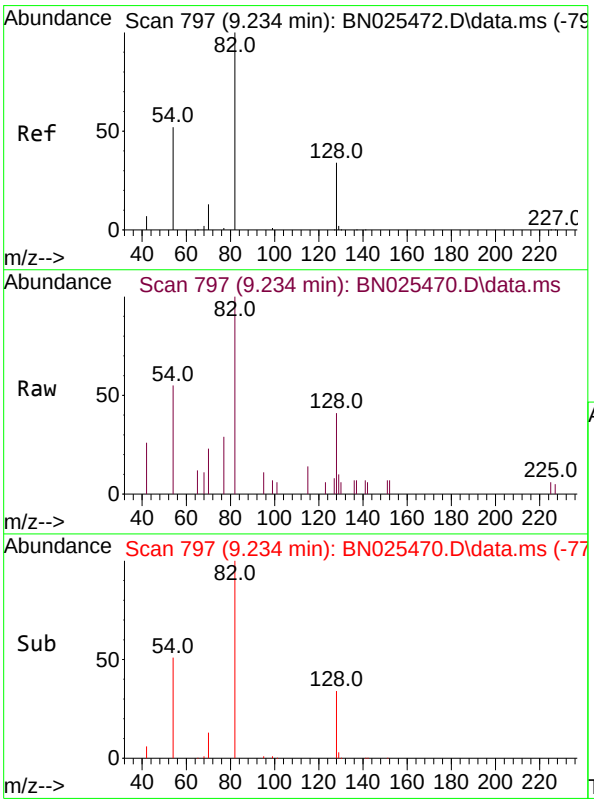
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.899 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 21590

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	5.8	8.6
68	6.2	4.6	7.0

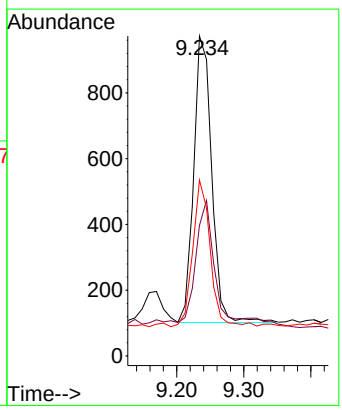


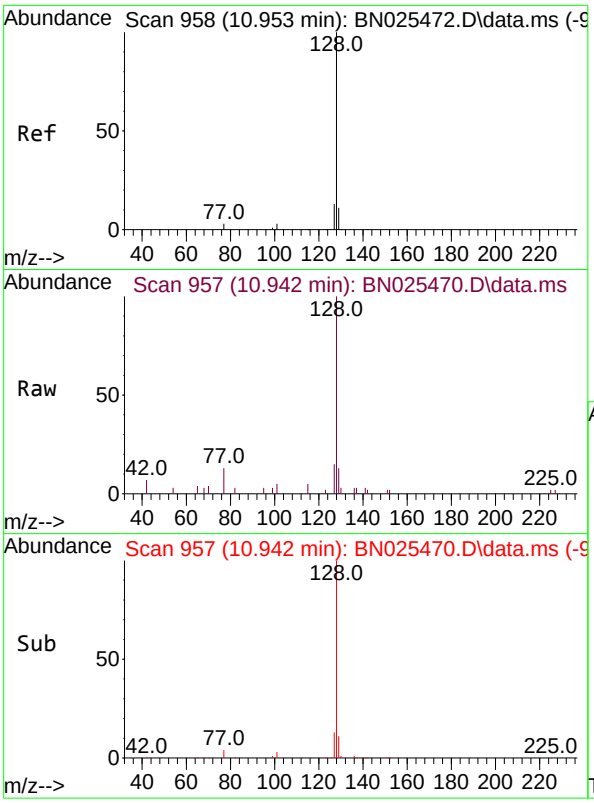


#8
Nitrobenzene-d5
Concen: 0.094 ng
RT: 9.234 min Scan# 797
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion: 82 Resp: 1627

Ion	Ratio	Lower	Upper
82	100		
128	40.8	27.9	41.9
54	55.0	42.4	63.6



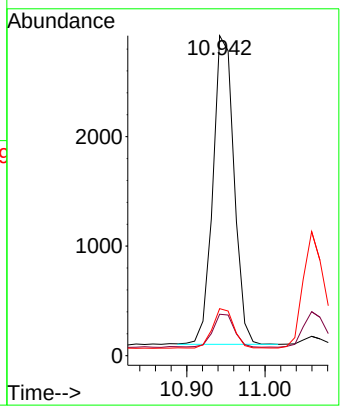


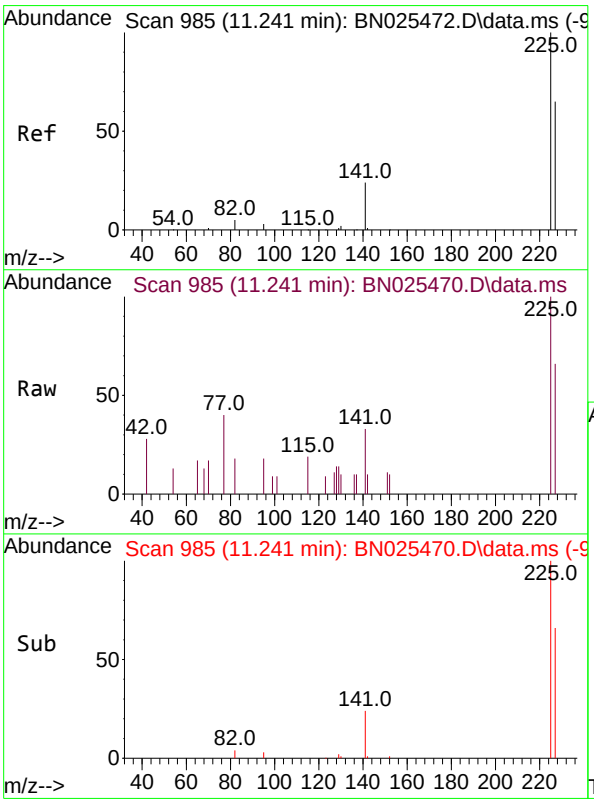
#9
Naphthalene
Concen: 0.096 ng
RT: 10.942 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 5279

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.9	13.3
127	14.7	10.4	15.6

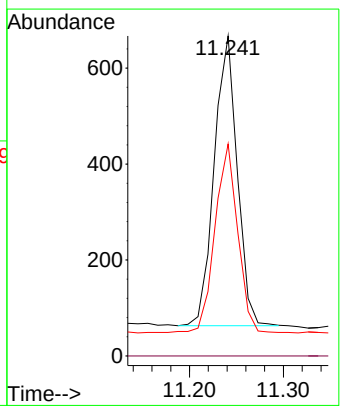


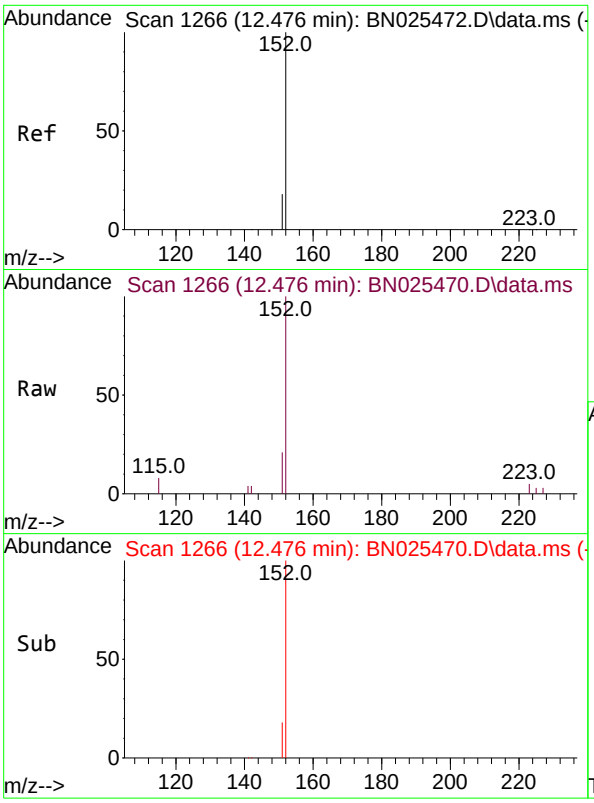


#10
Hexachlorobutadiene
Concen: 0.098 ng
RT: 11.241 min Scan# 985
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:225 Resp: 1027

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.4	77.2



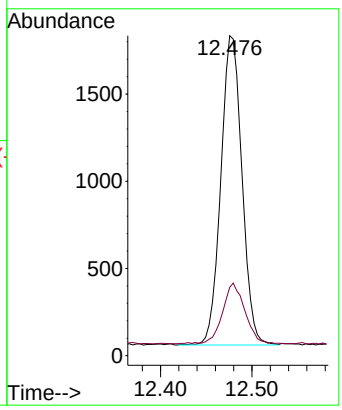


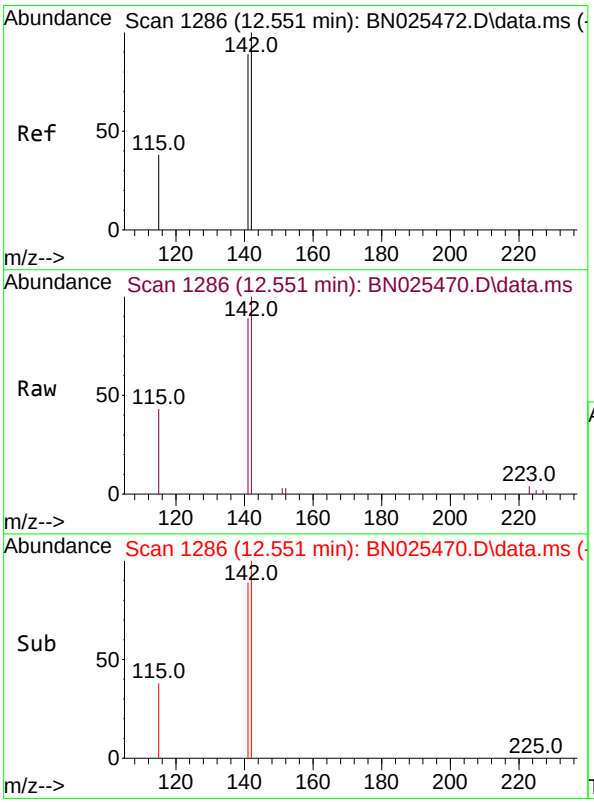
#11
2-Methylnaphthalene-d10
Concen: 0.095 ng
RT: 12.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2843

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8

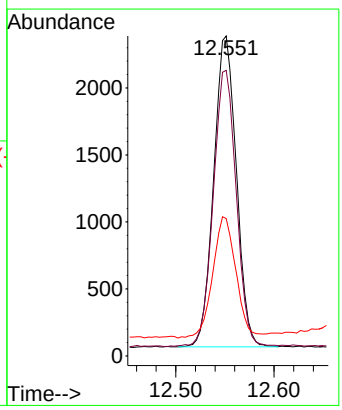


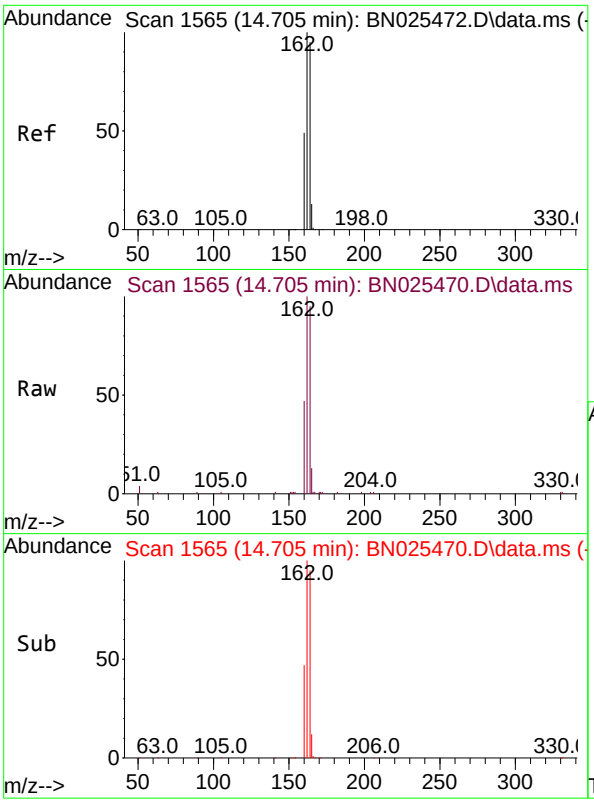


#12
2-Methylnaphthalene
Concen: 0.094 ng
RT: 12.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:142 Resp: 3718

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7
115	43.0	31.3	46.9



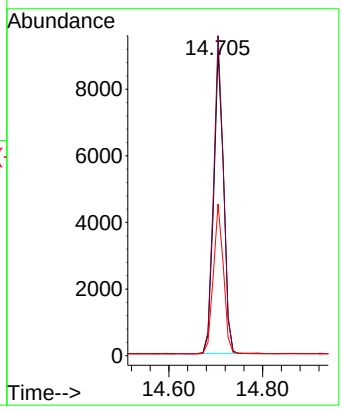


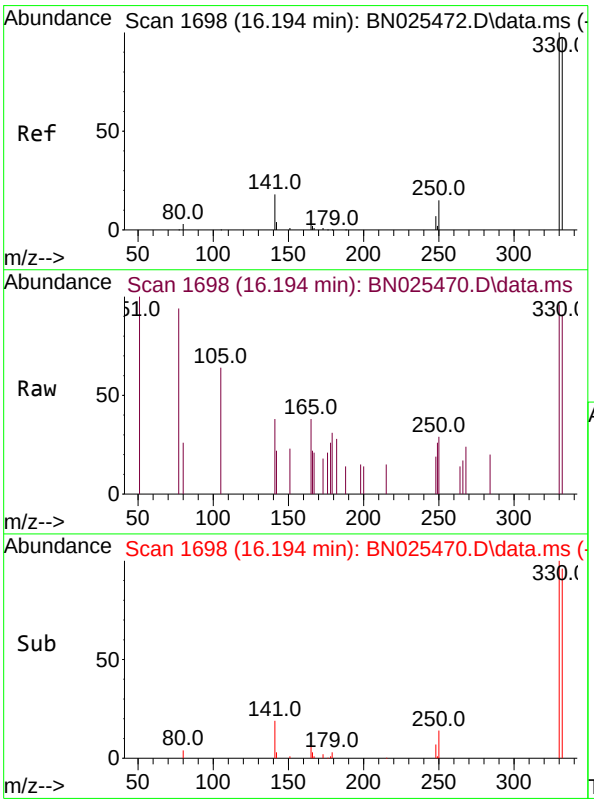
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 13405

Ion	Ratio	Lower	Upper
164	100		
162	105.4	84.2	126.2
160	49.9	41.4	62.2

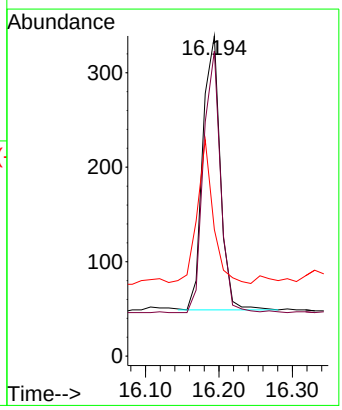


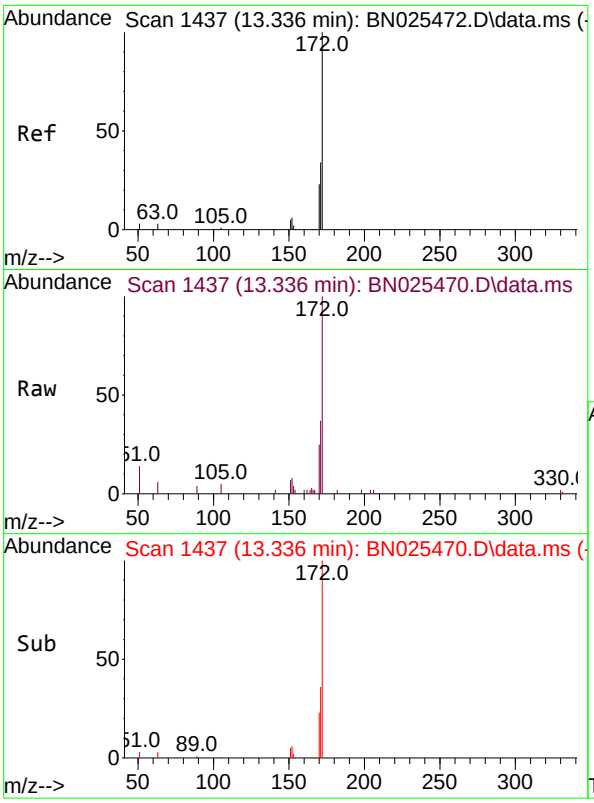


#14
2,4,6-Tribromophenol
Concen: 0.092 ng
RT: 16.194 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:330 Resp: 480

Ion	Ratio	Lower	Upper
330	100		
332	93.3	76.1	114.1
141	47.9	36.1	54.1



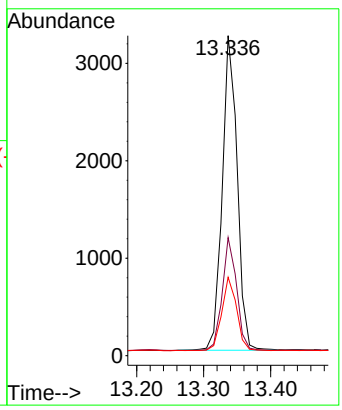


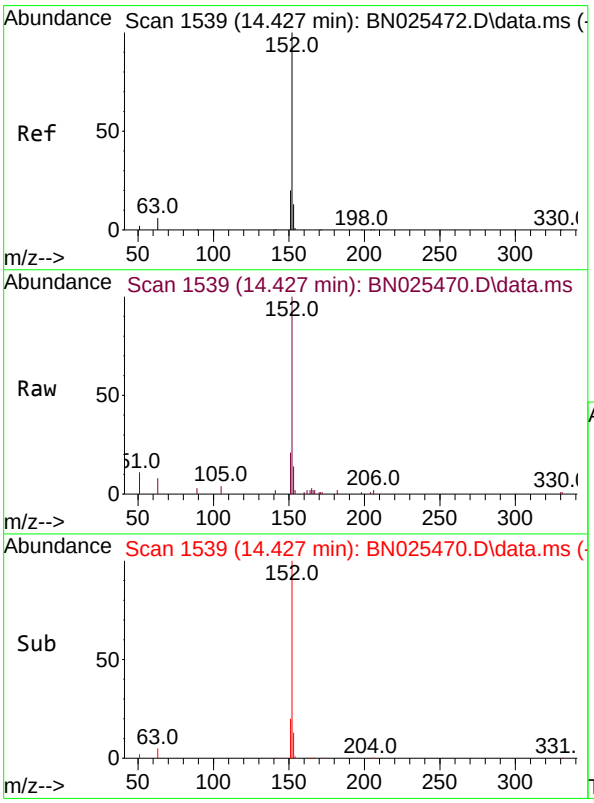
#15
2-Fluorobiphenyl
Concen: 0.098 ng
RT: 13.336 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 5020

Ion	Ratio	Lower	Upper
172	100		
171	36.9	27.6	41.4
170	24.5	18.9	28.3

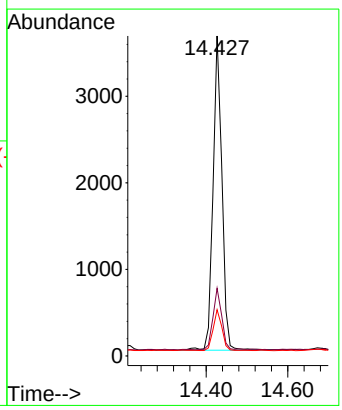


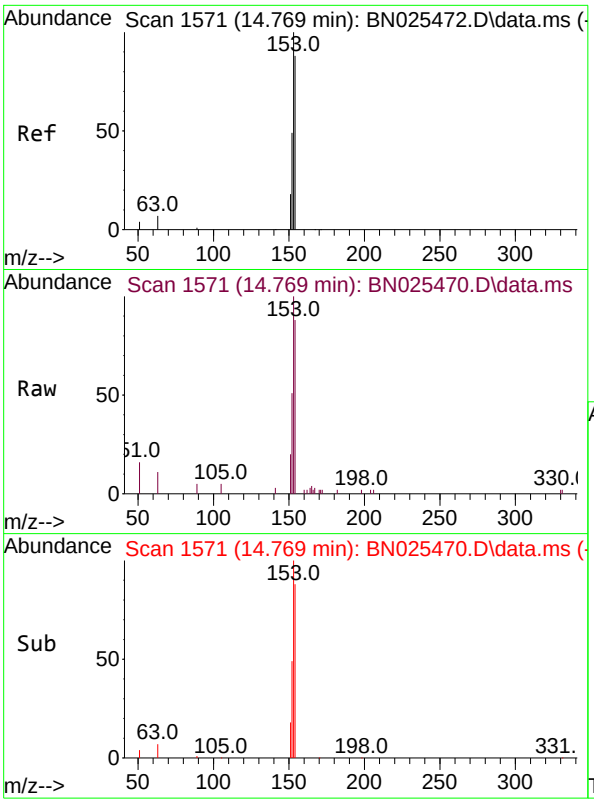


#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.427 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:152 Resp: 5490

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	12.8	10.3	15.5



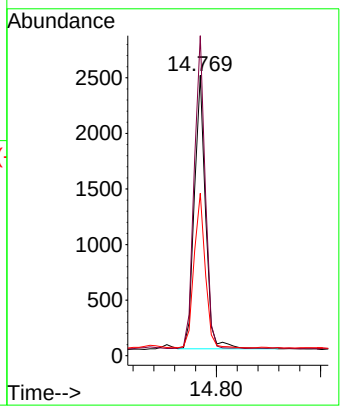


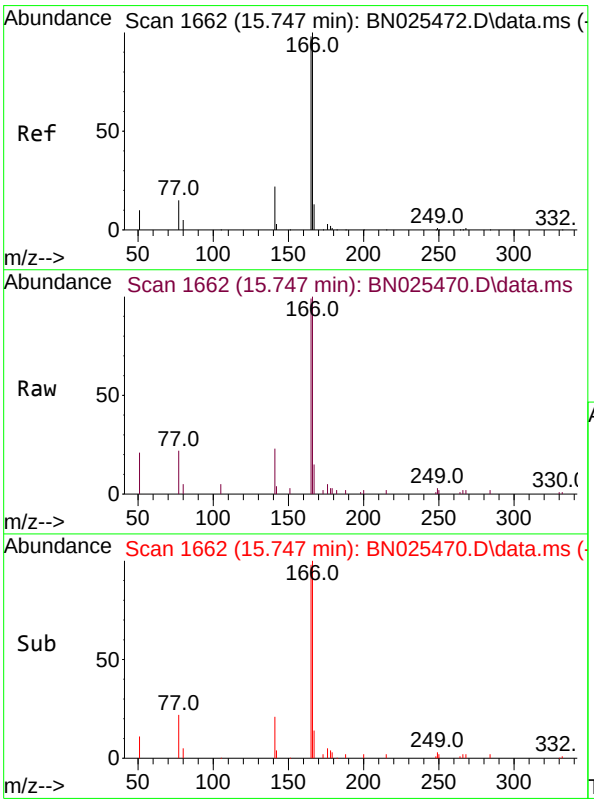
#17
Acenaphthene
Concen: 0.091 ng
RT: 14.769 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3688

Ion	Ratio	Lower	Upper
154	100		
153	112.3	86.9	130.3
152	56.5	43.9	65.9

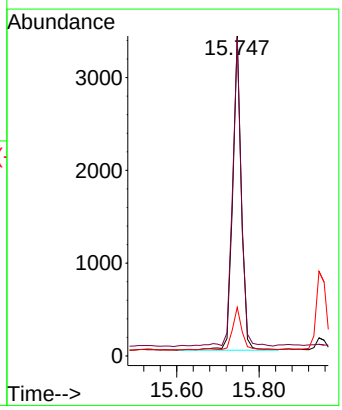


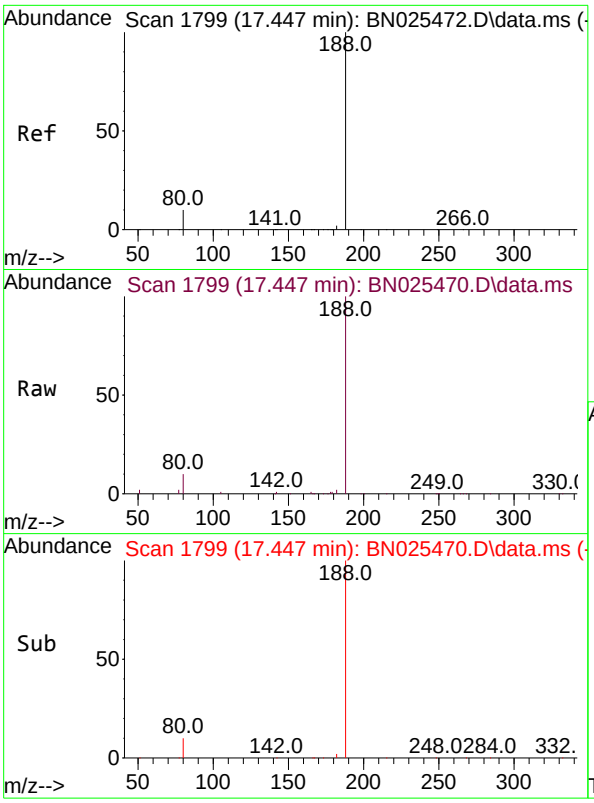


#18
Fluorene
Concen: 0.093 ng
RT: 15.747 min Scan# 1662
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:166 Resp: 4621

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.7	11.2	16.8



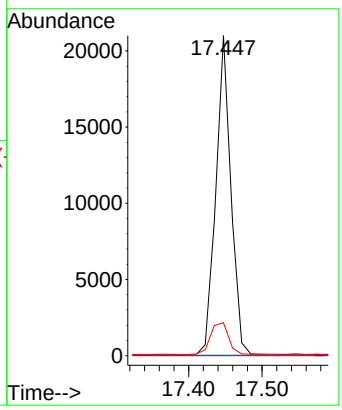


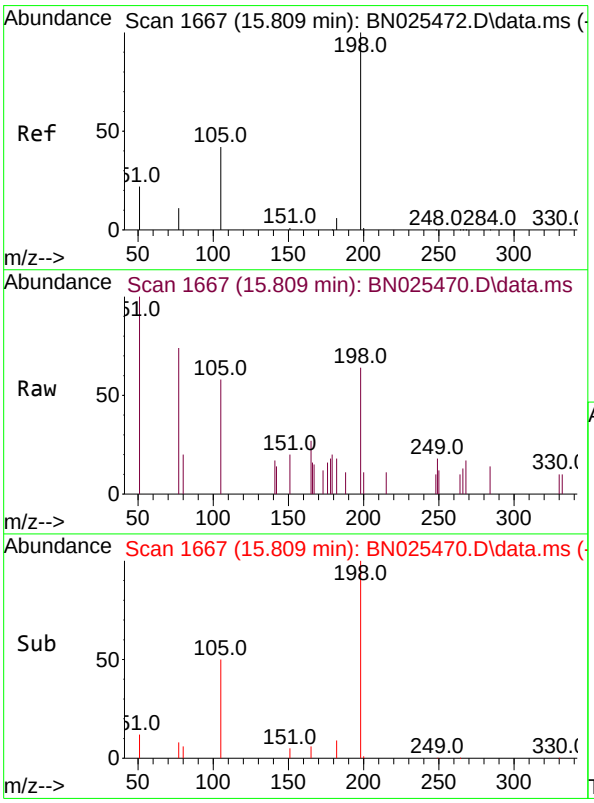
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 29867

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	8.2	12.4

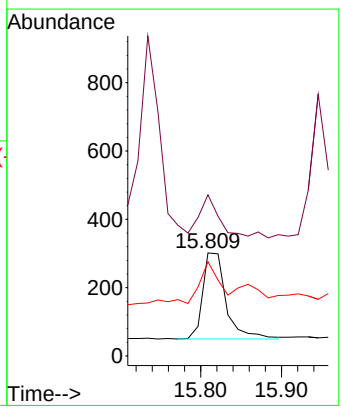


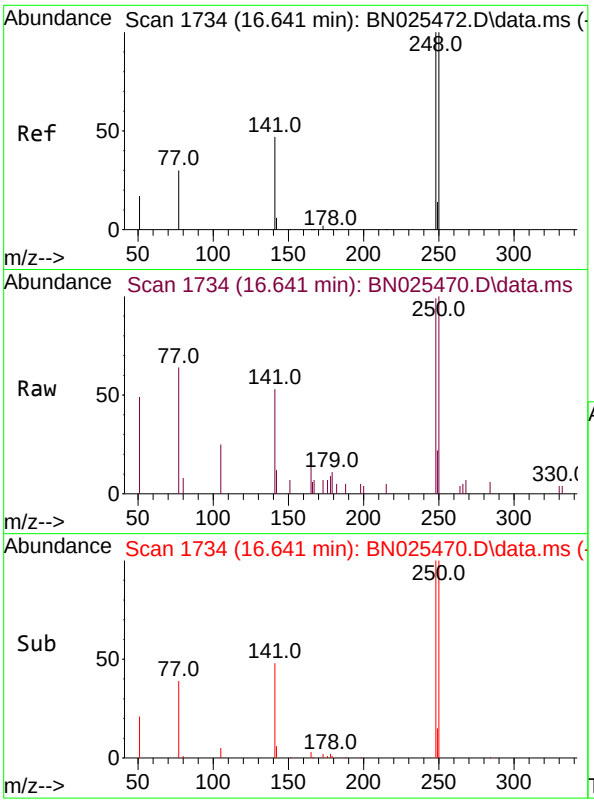


#20
4,6-Dinitro-2-methylphenol
Concen: 0.081 ng
RT: 15.809 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:198 Resp: 505

Ion	Ratio	Lower	Upper
198	100		
51	156.3	42.2	63.2#
105	91.4	41.0	61.6#



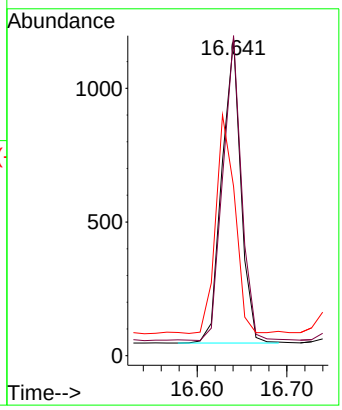


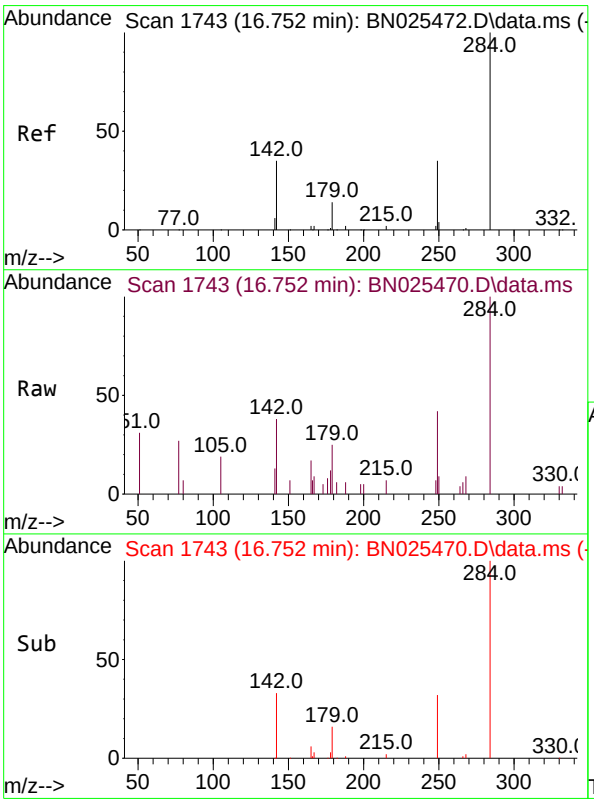
#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 1673

Ion	Ratio	Lower	Upper
248	100		
250	100.8	79.8	119.8
141	53.3	38.7	58.1

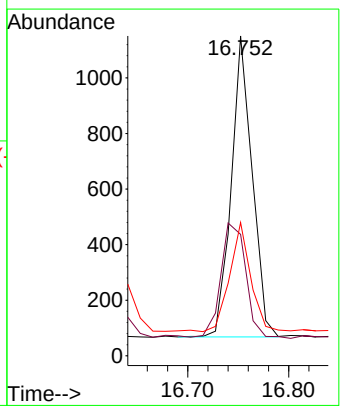


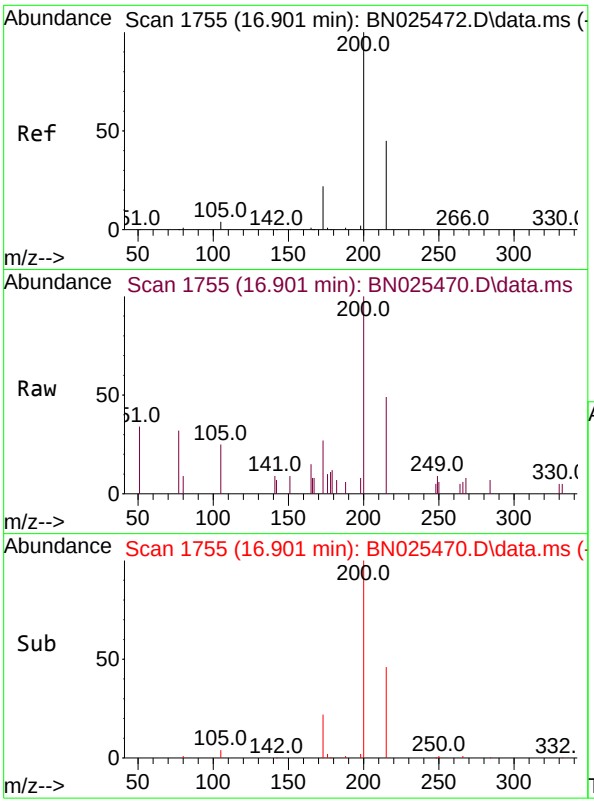


#22
Hexachlorobenzene
Concen: 0.095 ng
RT: 16.752 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:284 Resp: 1560

Ion	Ratio	Lower	Upper
284	100		
142	46.1	36.0	54.0
249	36.3	27.8	41.6



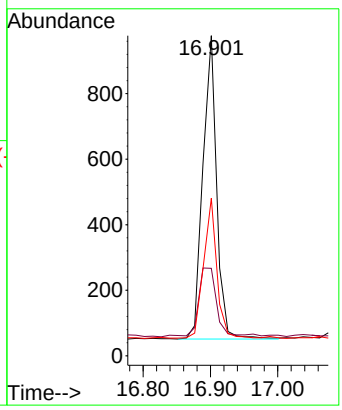


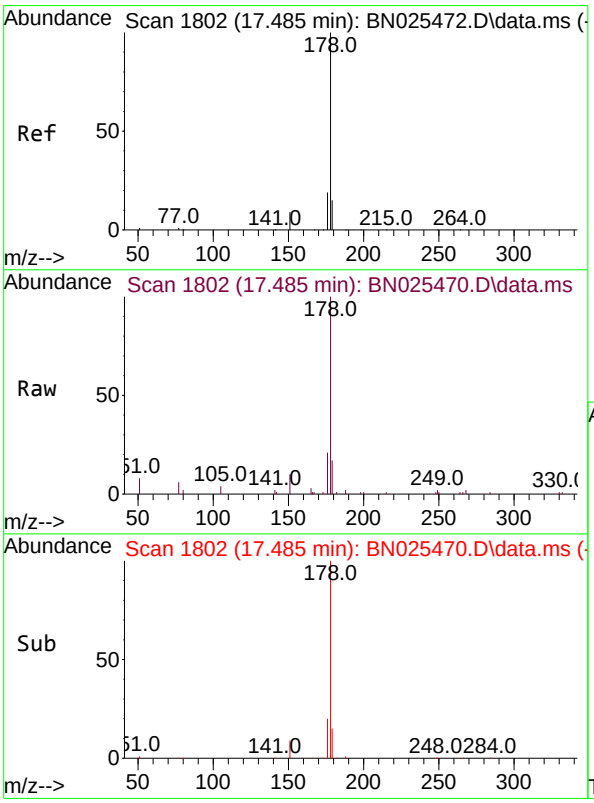
#23
Atrazine
Concen: 0.093 ng
RT: 16.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 1326

Ion	Ratio	Lower	Upper
200	100		
173	27.3	18.6	27.8
215	49.2	36.9	55.3

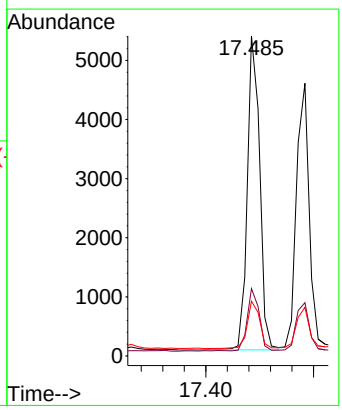


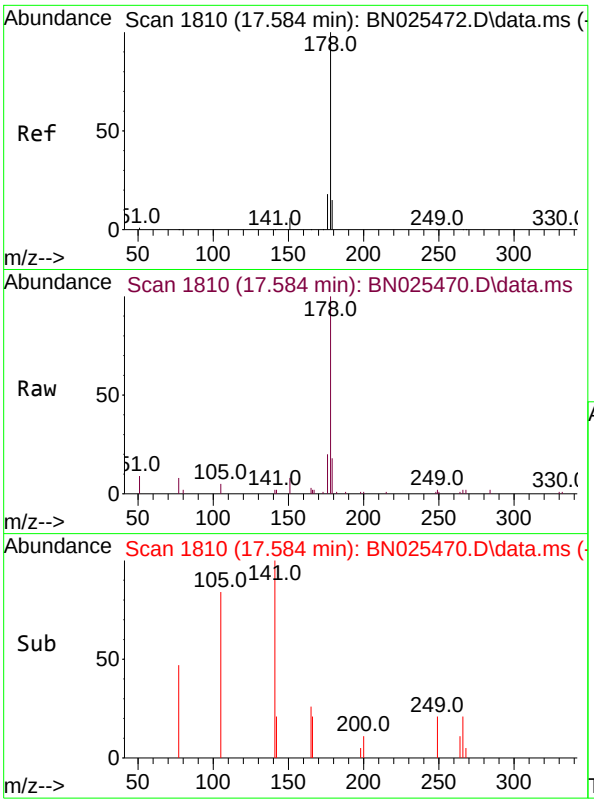


#25
Phenanthrene
Concen: 0.097 ng
RT: 17.485 min Scan# 1802
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:178 Resp: 8514

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	15.2	12.1	18.1



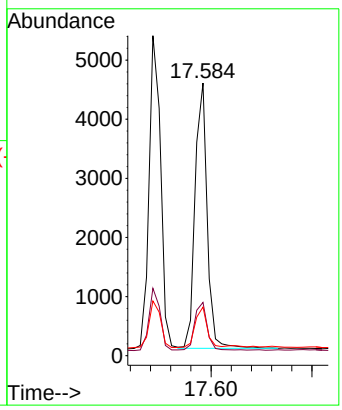


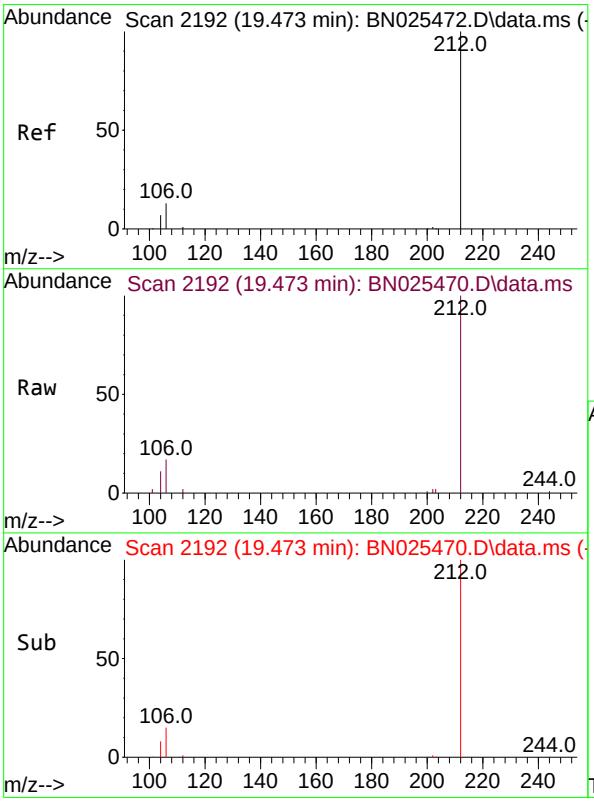
#26
Anthracene
Concen: 0.092 ng
RT: 17.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 7514

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	12.1	18.1

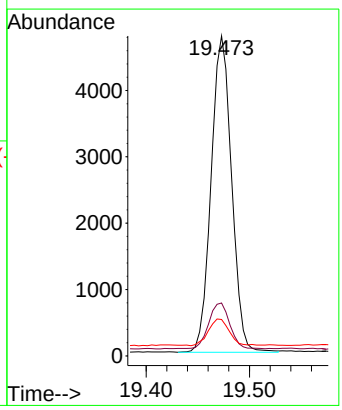


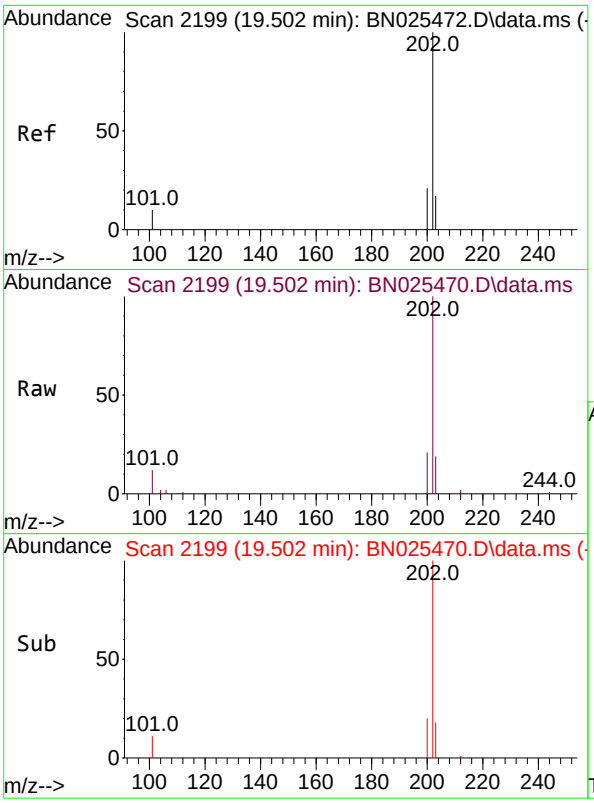


#27
Fluoranthene-d10
Concen: 0.095 ng
RT: 19.473 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:212 Resp: 6562

Ion	Ratio	Lower	Upper
212	100		
106	14.8	11.4	17.2
104	8.6	6.6	10.0



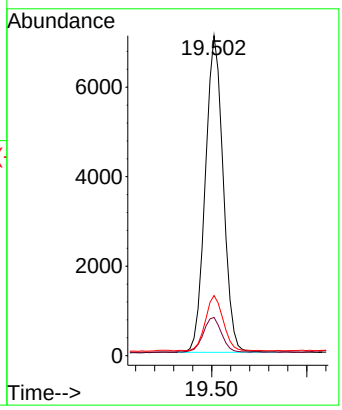


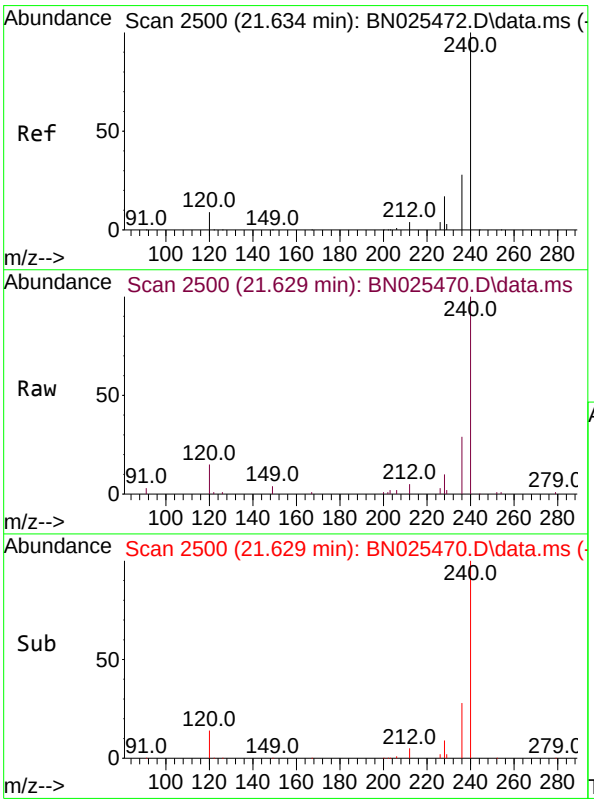
#28
Fluoranthene
Concen: 0.093 ng
RT: 19.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9248

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.7	13.1
203	17.6	13.8	20.6

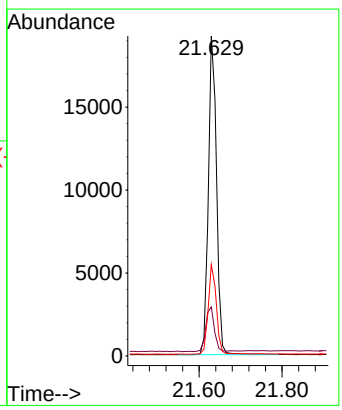


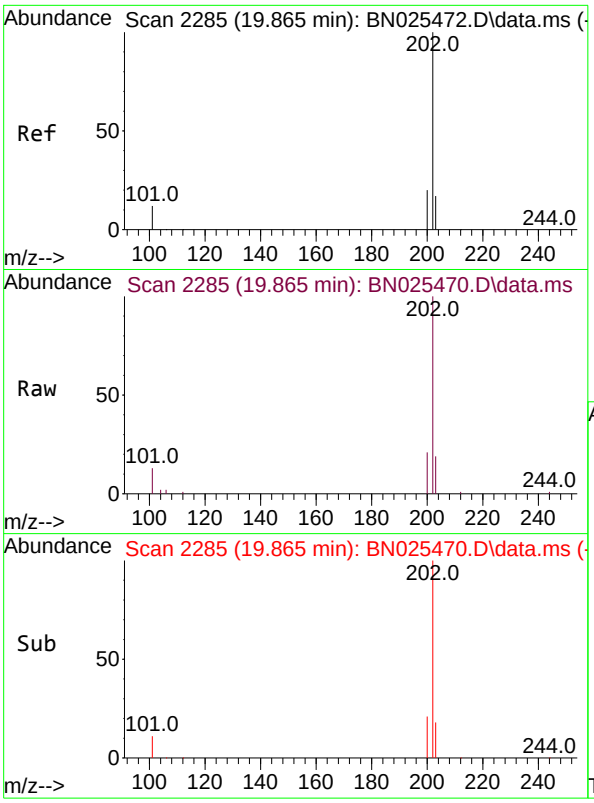


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.629 min Scan# 2500
Delta R.T. -0.005 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:240 Resp: 26257

Ion	Ratio	Lower	Upper
240	100		
120	15.3	8.6	12.8#
236	28.6	22.7	34.1



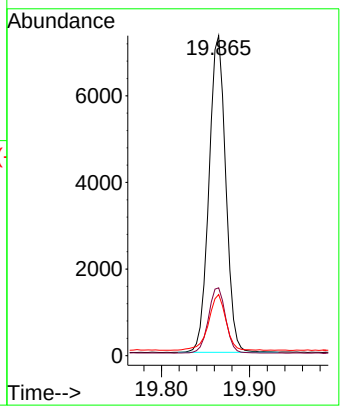


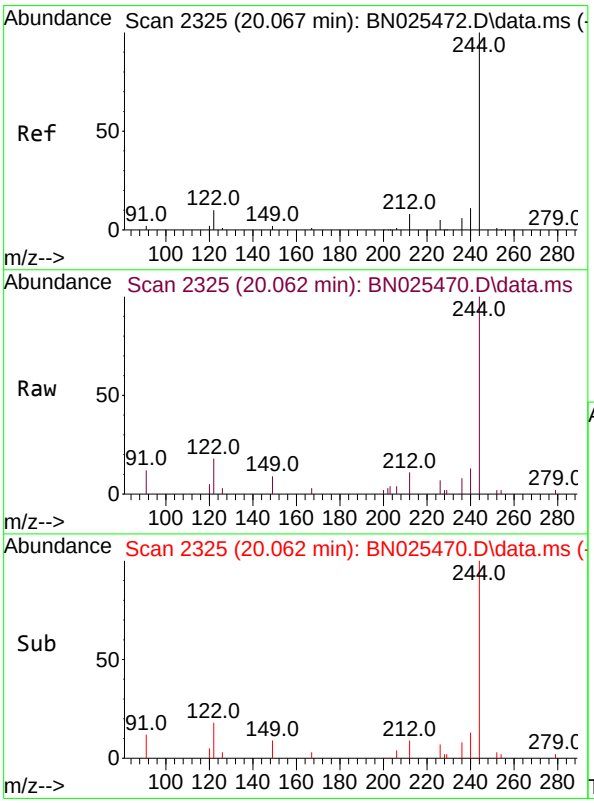
#30
Pyrene
Concen: 0.092 ng
RT: 19.865 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9676

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	18.1	14.2	21.4

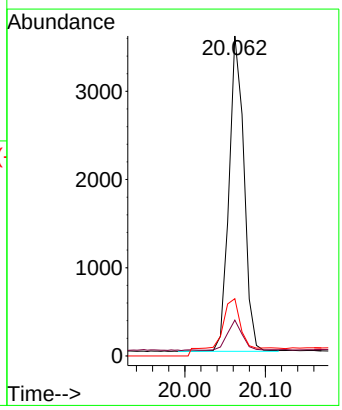


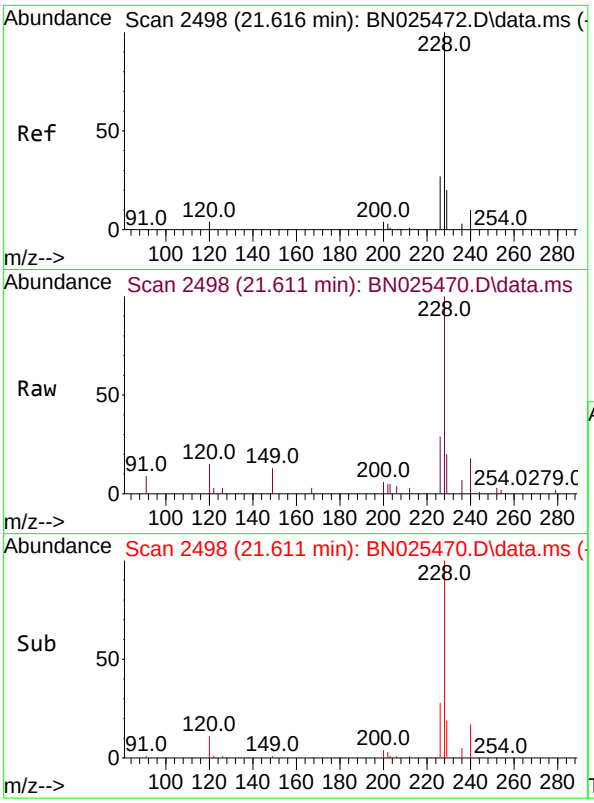


#31
Terphenyl-d14
Concen: 0.086 ng
RT: 20.062 min Scan# 2325
Delta R.T. -0.005 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:244 Resp: 4021

Ion	Ratio	Lower	Upper
244	100		
212	11.2	6.6	10.0#
122	17.9	8.1	12.1#



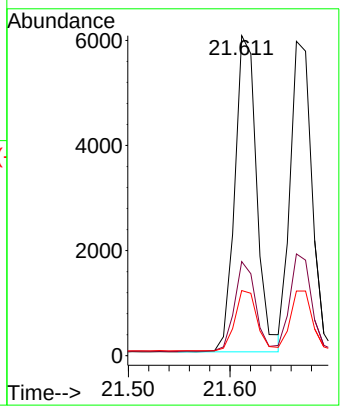


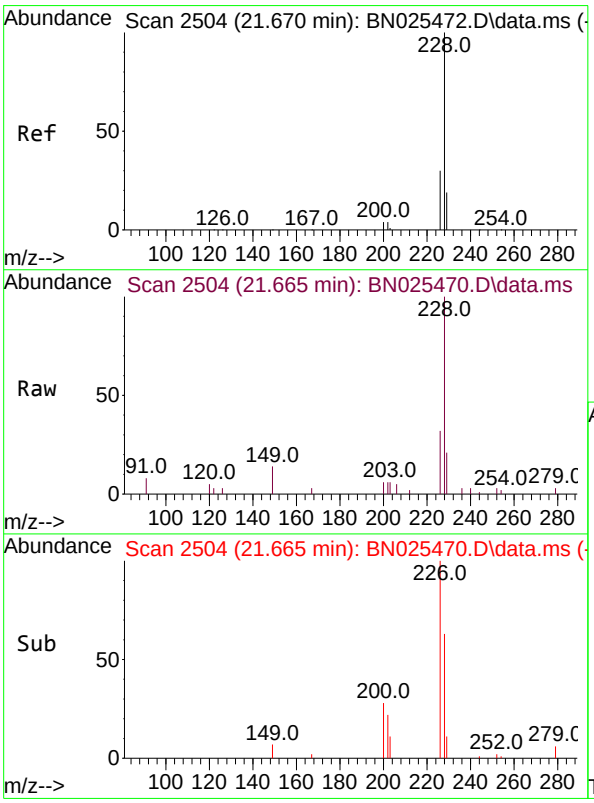
#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.611 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 8983

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	20.3	15.8	23.8

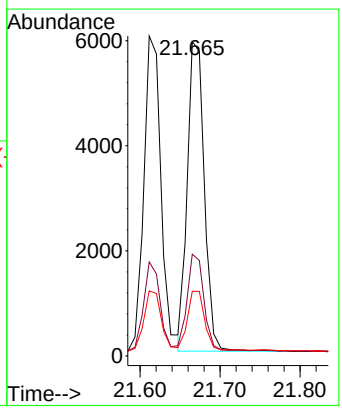


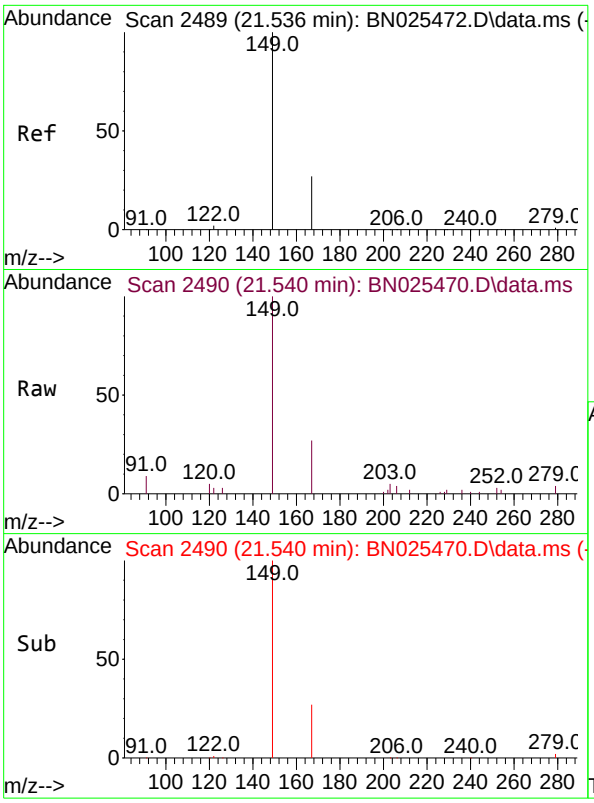


#33
Chrysene
Concen: 0.093 ng
RT: 21.665 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:228 Resp: 8727

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.3	36.5
229	20.5	15.4	23.2



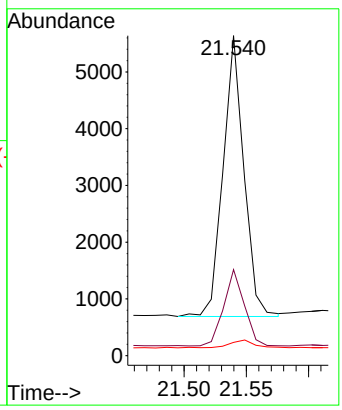


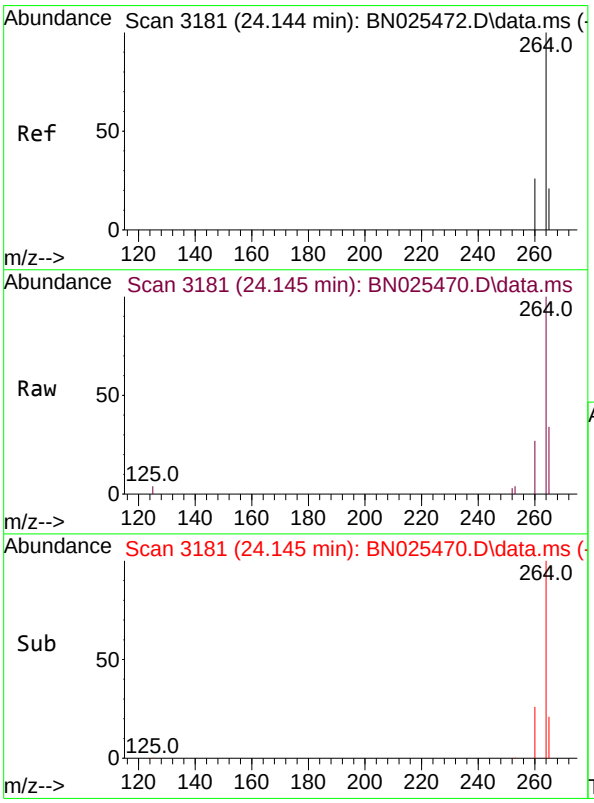
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.540 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 5757

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.0	33.0
279	3.5	2.6	3.8

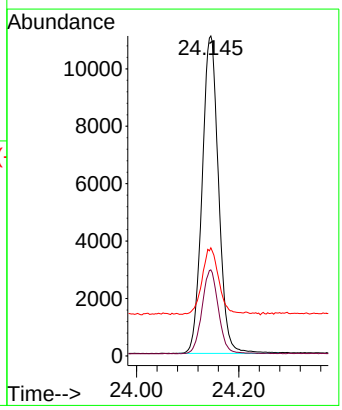


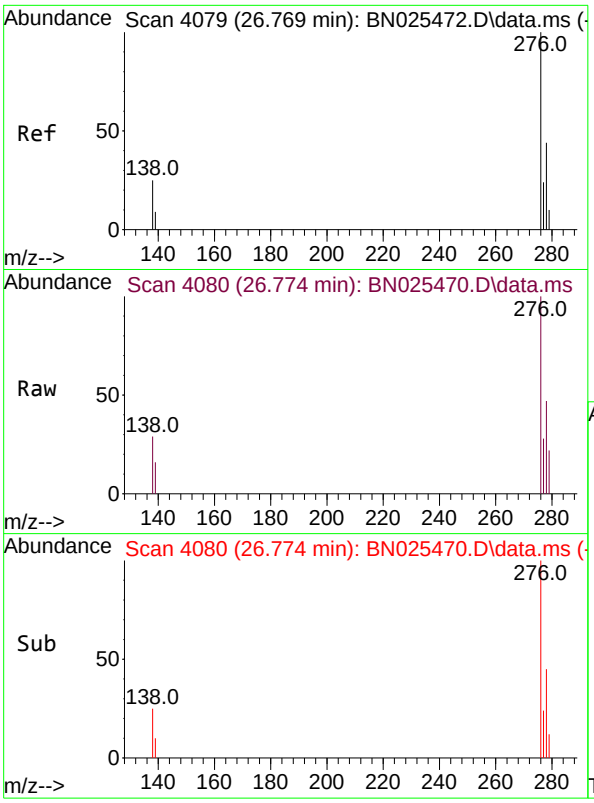


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.145 min Scan# 3181
Delta R.T. 0.001 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:264 Resp: 24677

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.2	31.8
265	33.8	27.1	40.7



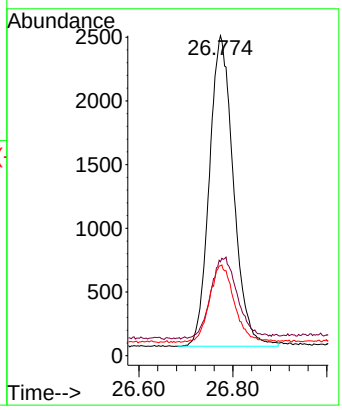


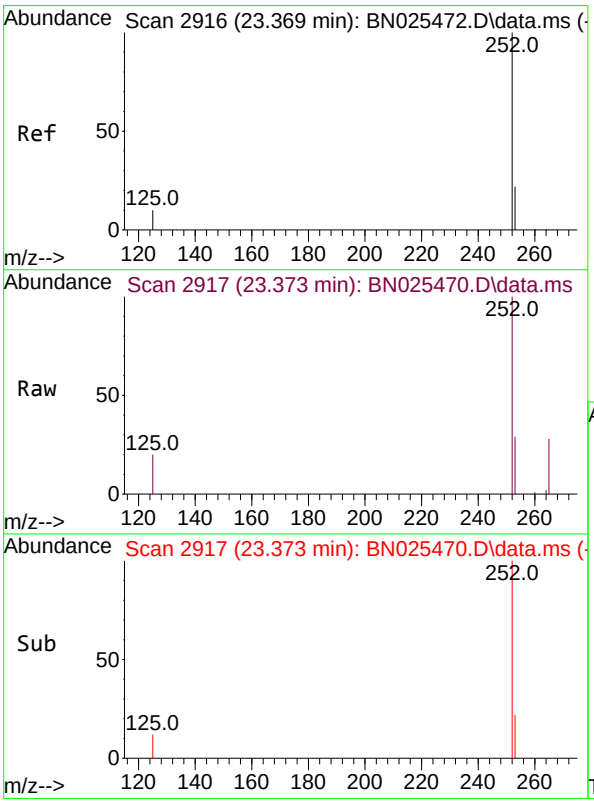
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng
RT: 26.774 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8676

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.8	32.6
277	24.8	19.7	29.5

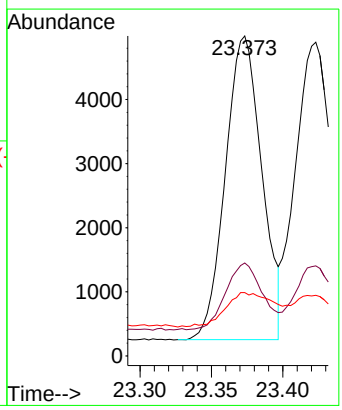


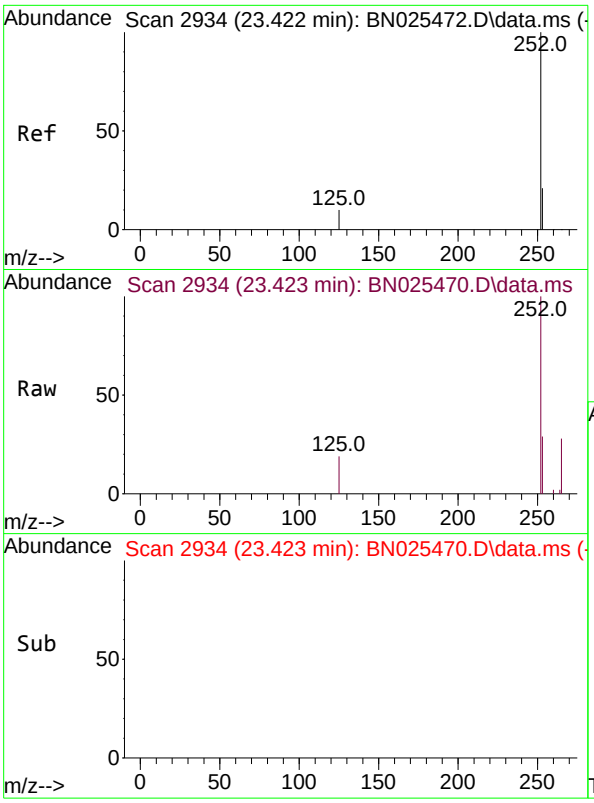


#37
Benzo(b)fluoranthene
Concen: 0.092 ng
RT: 23.373 min Scan# 2917
Delta R.T. 0.004 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:252 Resp: 8410

Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.8	28.2#
125	19.8	9.6	14.4#



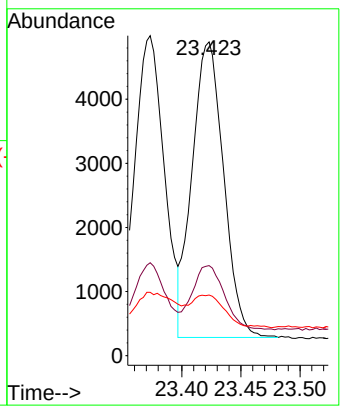


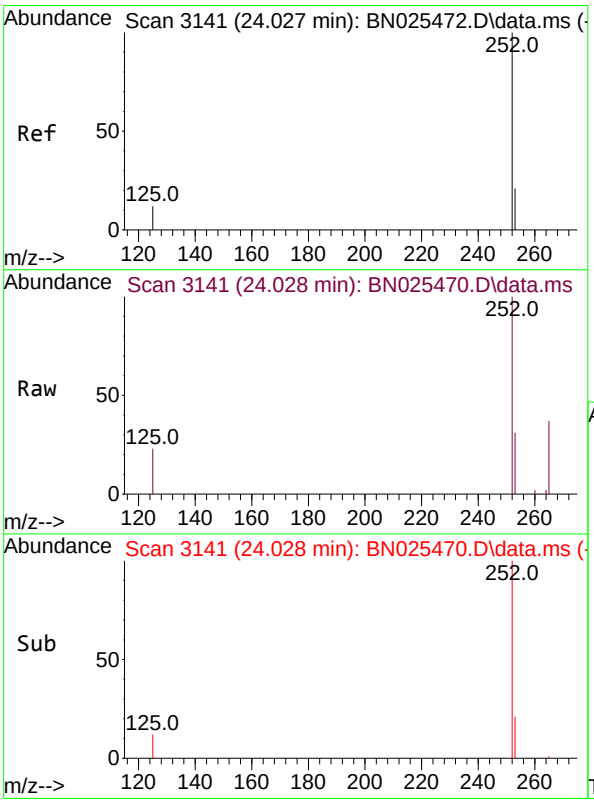
#38
Benzo(k)fluoranthene
Concen: 0.092 ng
RT: 23.423 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 8541

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.4	27.6#
125	19.3	9.8	14.8#

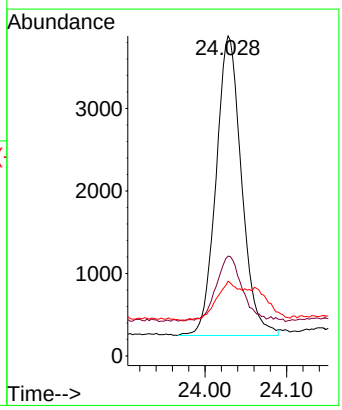


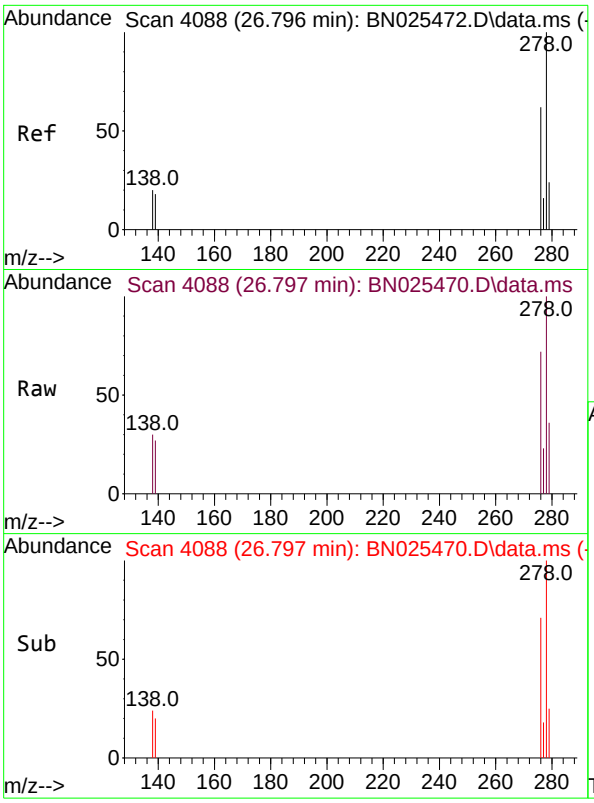


#39
Benzo(a)pyrene
Concen: 0.091 ng
RT: 24.028 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:252 Resp: 7868

Ion	Ratio	Lower	Upper
252	100		
253	31.2	18.6	28.0#
125	23.4	11.0	16.6#



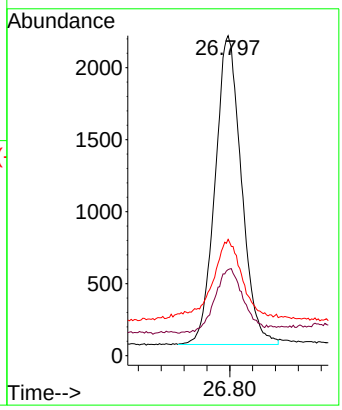


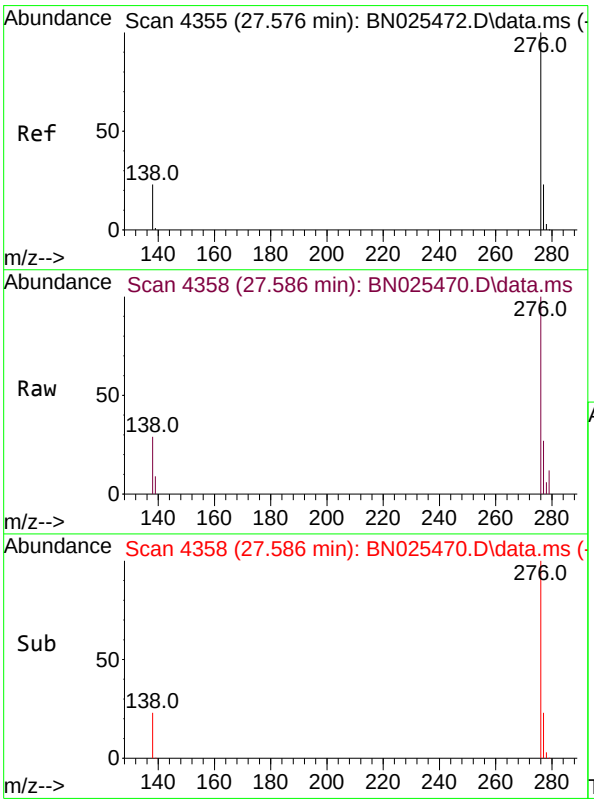
#40
Dibenzo(a,h)anthracene
Concen: 0.085 ng
RT: 26.797 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 6839

Ion	Ratio	Lower	Upper
278	100		
139	26.9	15.0	22.6#
279	36.3	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 27.586 min Scan# 4358
Delta R.T. 0.010 min
Lab File: BN025470.D
Acq: 18 May 2023 11:37

Tgt Ion:276 Resp: 7393

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.2	28.8
138	28.6	19.2	28.8