Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028384.D
Acq On : 24 Oct 2023 20:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 25 01:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

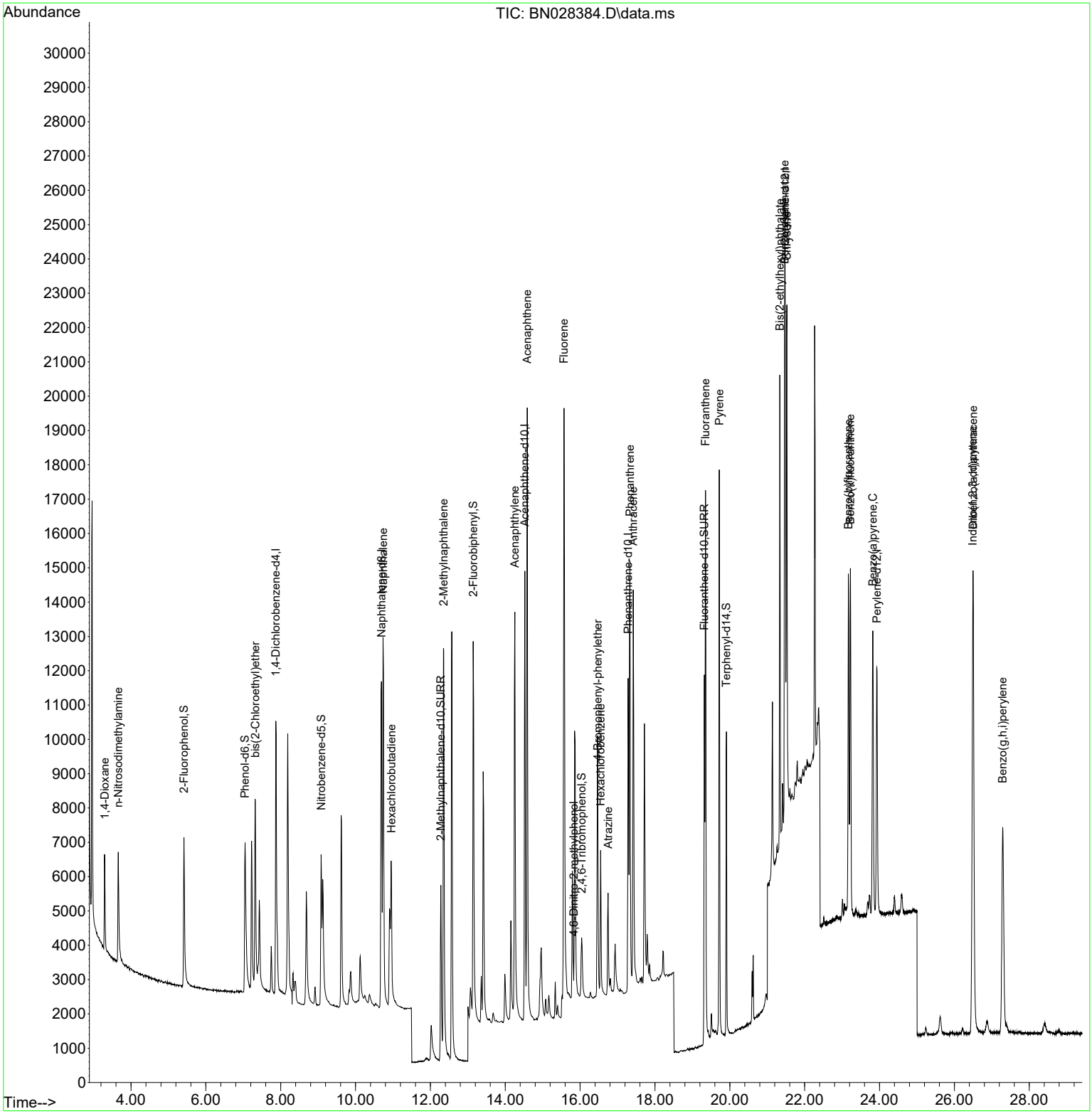
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	4512	0.400	ng		0.00
7) Naphthalene-d8	10.693	136	15570	0.400	ng		-0.01
13) Acenaphthene-d10	14.523	164	8278	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	14220	0.400	ng		#-0.01
29) Chrysene-d12	21.480	240	9809	0.400	ng		0.00
35) Perylene-d12	23.928	264	11145	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.416	112	4651	0.332	ng		-0.01
5) Phenol-d6	7.048	99	6252	0.362	ng		0.00
8) Nitrobenzene-d5	9.080	82	5102	0.369	ng		-0.02
11) 2-Methylnaphthalene-d10	12.279	152	9127	0.390	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	1116	0.276	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	12229	0.420	ng		-0.02
27) Fluoranthene-d10	19.319	212	12236	0.322	ng		0.00
31) Terphenyl-d14	19.909	244	9238	0.444	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1912	0.351	ng		99
3) n-Nitrosodimethylamine	3.661	42	2368	0.398	ng	#	93
6) bis(2-Chloroethyl)ether	7.322	93	5085	0.382	ng		98
9) Naphthalene	10.735	128	16210	0.401	ng		99
10) Hexachlorobutadiene	10.960	225	2719	0.392	ng	#	100
12) 2-Methylnaphthalene	12.355	142	11079	0.386	ng		100
16) Acenaphthylene	14.256	152	15971	0.429	ng		98
17) Acenaphthene	14.587	154	9663	0.412	ng		100
18) Fluorene	15.569	166	11989	0.389	ng		98
20) 4,6-Dinitro-2-methylph...	15.829	198	1	0.181	ng	#	1
21) 4-Bromophenyl-phenylether	16.475	248	3346	0.457	ng		98
22) Hexachlorobenzene	16.549	284	3240	0.430	ng		99
23) Atrazine	16.748	200	2820	0.411	ng		100
25) Phenanthrene	17.331	178	15812	0.406	ng		100
26) Anthracene	17.418	178	14383	0.387	ng		100
28) Fluoranthene	19.351	202	15674	0.321	ng	#	97
30) Pyrene	19.718	202	15621	0.465	ng		99
32) Benzo(a)anthracene	21.462	228	14209	0.408	ng		99
33) Chrysene	21.524	228	13653	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.336	149	11000	0.413	ng		99
36) Indeno(1,2,3-cd)pyrene	26.492	276	17111	0.381	ng		100
37) Benzo(b)fluoranthene	23.168	252	13588	0.390	ng		94
38) Benzo(k)fluoranthene	23.221	252	14004	0.395	ng		95
39) Benzo(a)pyrene	23.820	252	13835	0.399	ng		93
40) Dibenzo(a,h)anthracene	26.501	278	13815	0.379	ng		98
41) Benzo(g,h,i)perylene	27.291	276	14325	0.380	ng		99

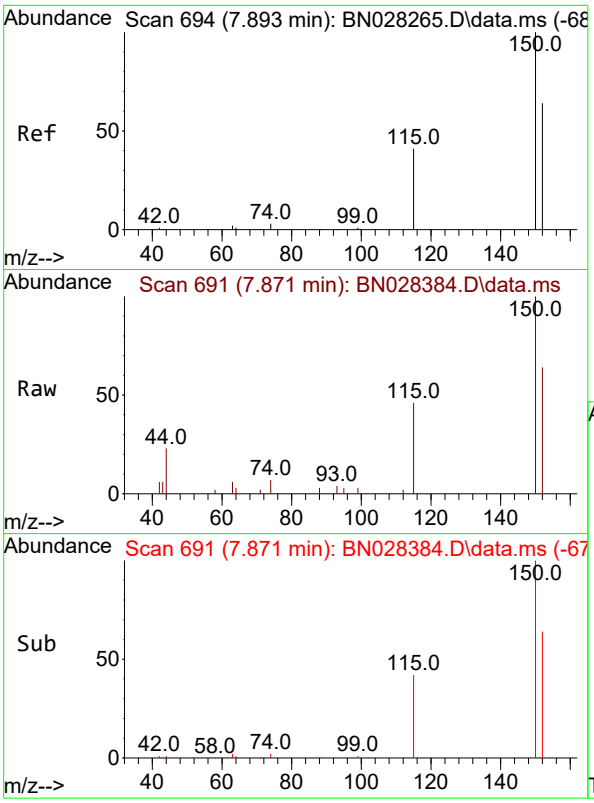
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028384.D
Acq On : 24 Oct 2023 20:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 25 01:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration



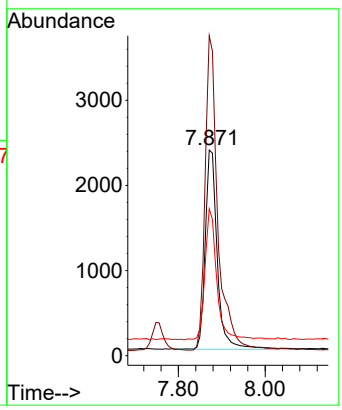


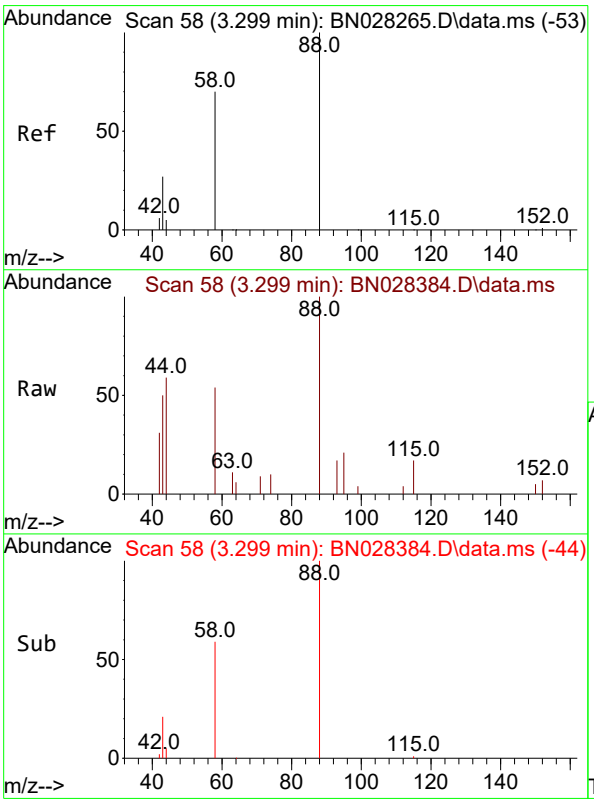
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.871 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4512

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.6	182.4
115	71.4	54.3	81.5

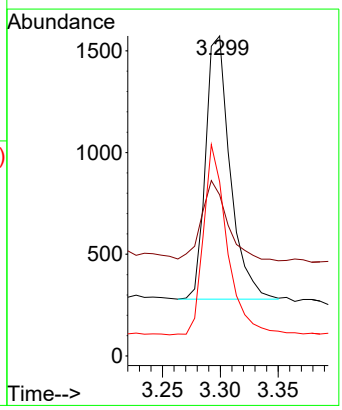


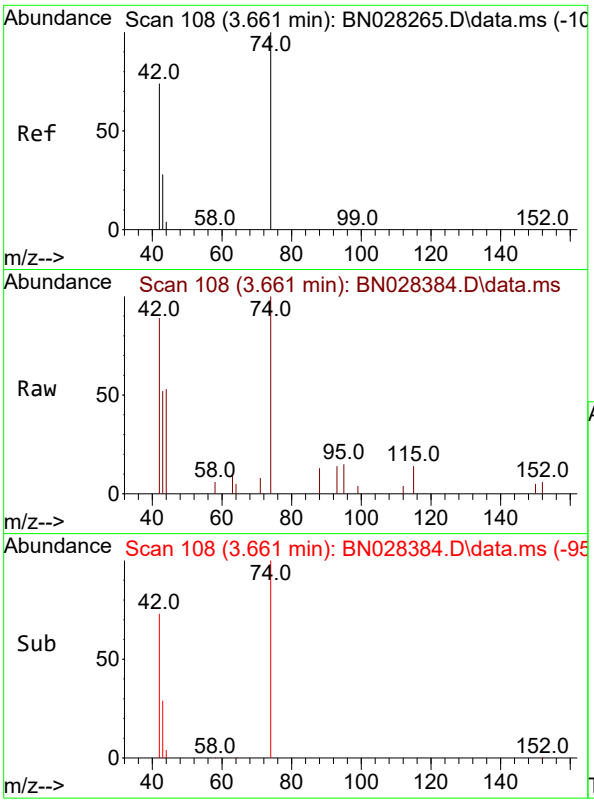


#2
1,4-Dioxane
Concen: 0.351 ng
RT: 3.299 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion: 88 Resp: 1912

Ion	Ratio	Lower	Upper
88	100		
43	32.1	26.6	39.8
58	69.6	55.4	83.0



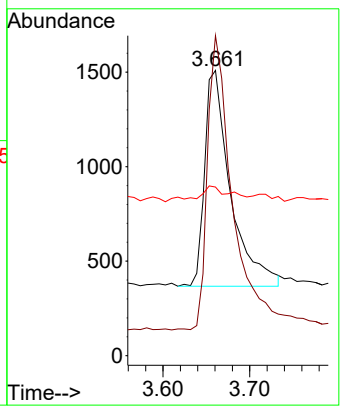


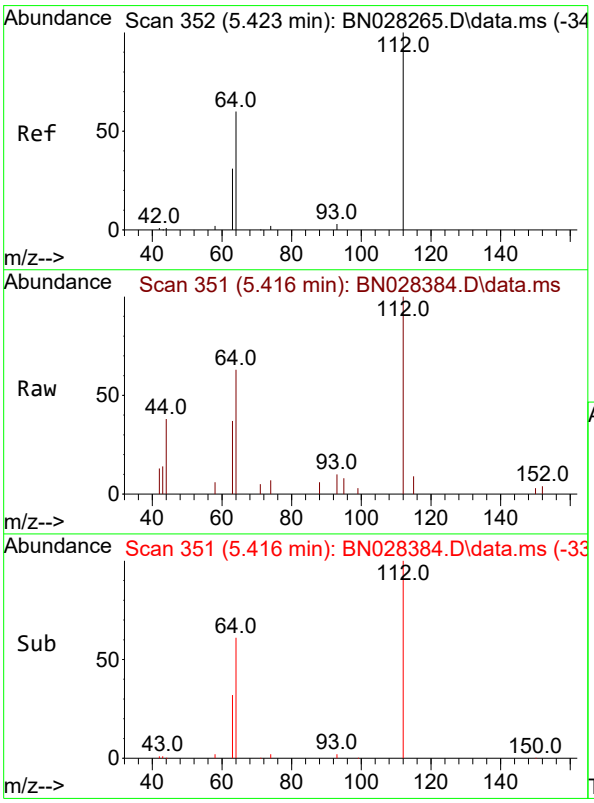
#3
n-Nitrosodimethylamine
Concen: 0.398 ng
RT: 3.661 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2368

Ion	Ratio	Lower	Upper
42	100		
74	131.9	112.6	168.8
44	6.3	7.8	11.6#

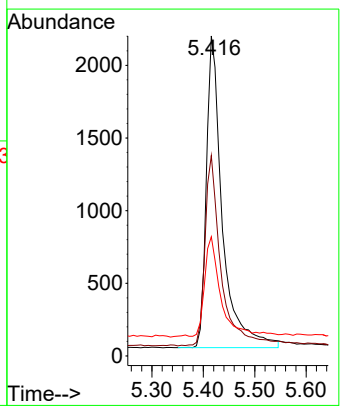


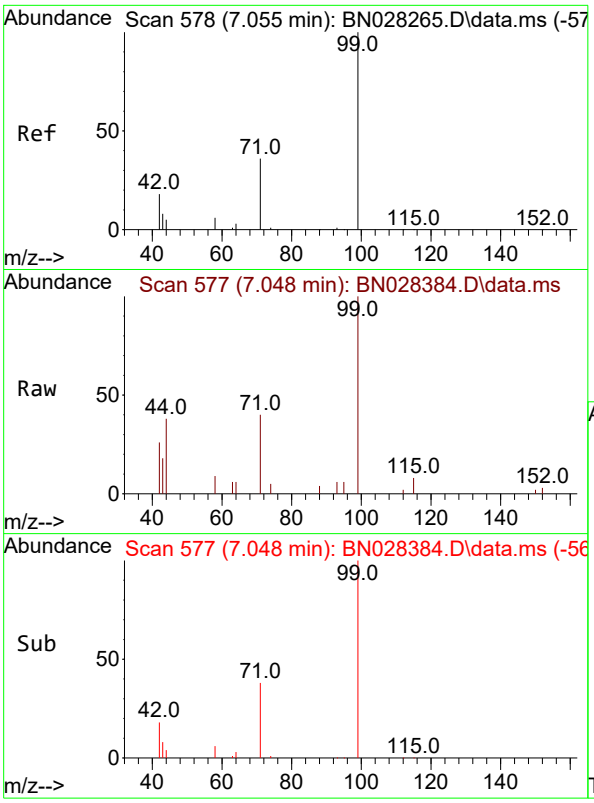


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.416 min Scan# 351
Delta R.T. -0.014 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:112 Resp: 4651

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.9	70.3
63	32.3	25.0	37.4



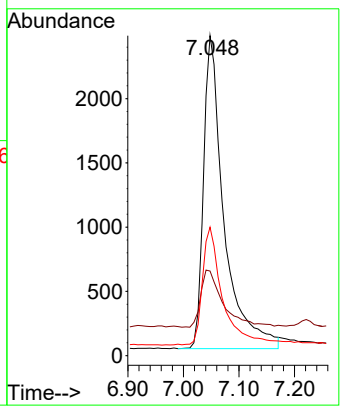


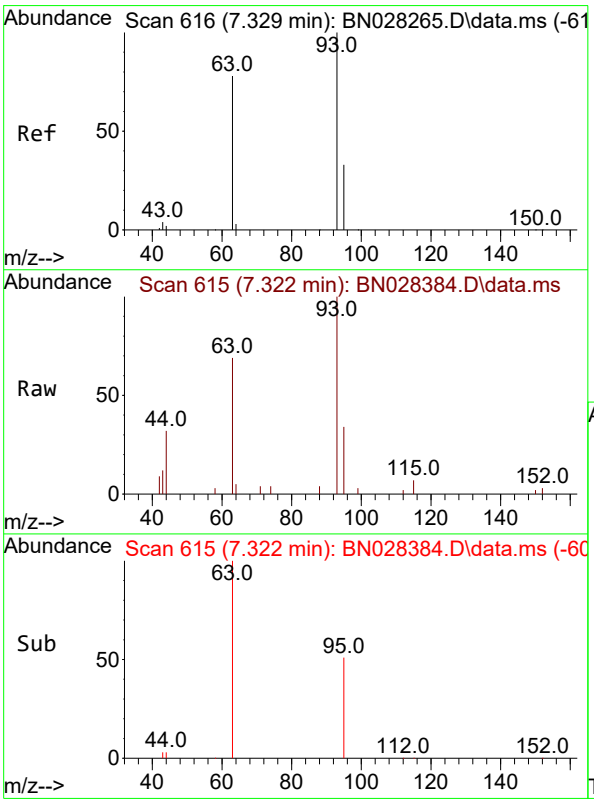
#5
Phenol-d6
Concen: 0.362 ng
RT: 7.048 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6252

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.9	23.9
71	37.1	28.6	42.8

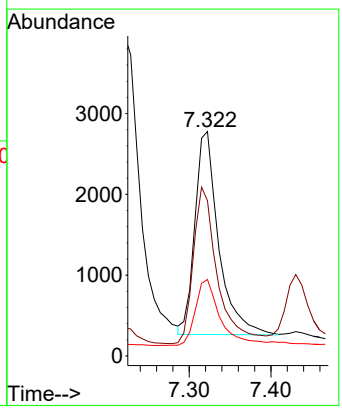


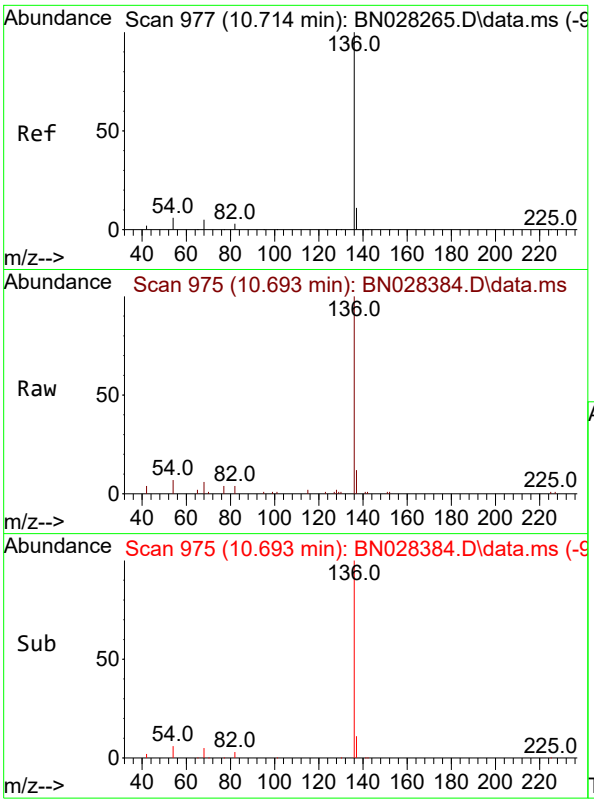


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.322 min Scan# 615
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion: 93 Resp: 5085

Ion	Ratio	Lower	Upper
93	100		
63	78.6	62.6	93.8
95	36.3	27.2	40.8



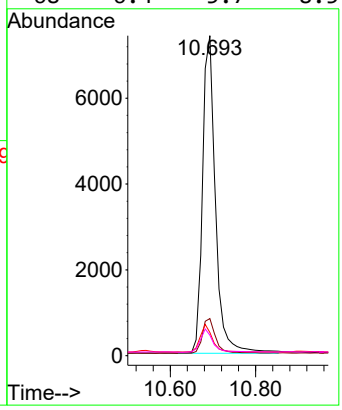


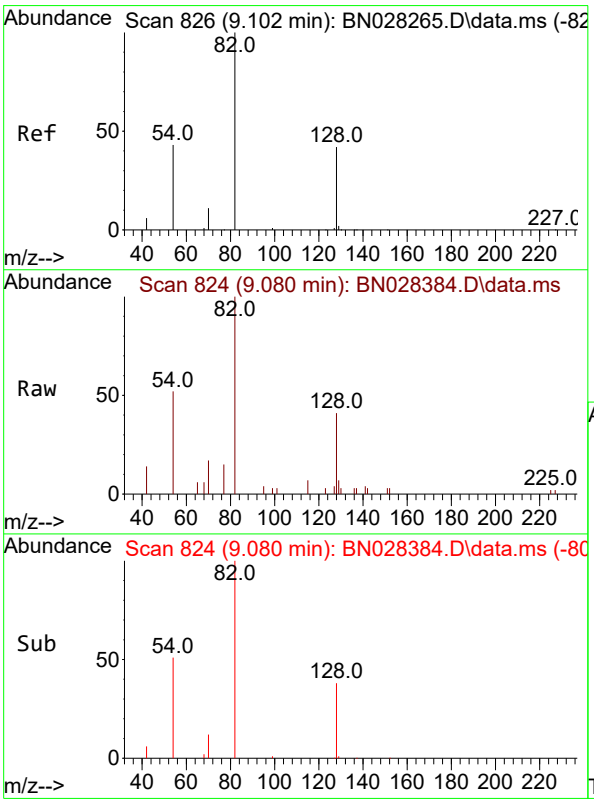
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.693 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15570

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.8
54	7.3	6.2	9.4
68	6.4	5.7	8.5

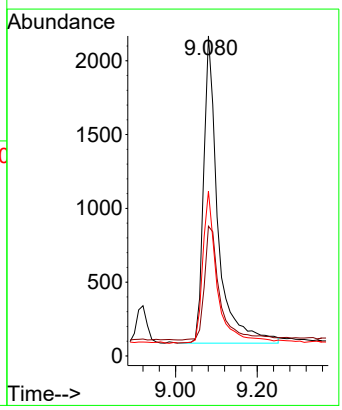


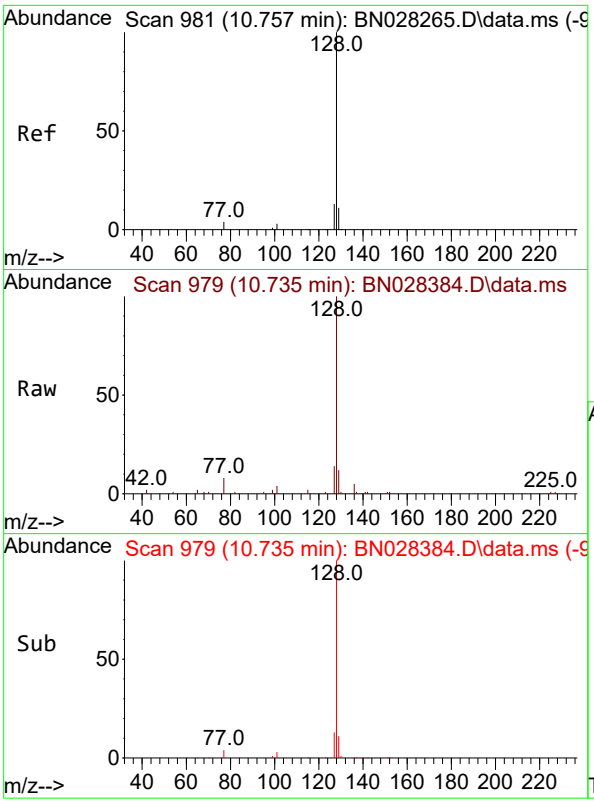


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion: 82 Resp: 5102

Ion	Ratio	Lower	Upper
82	100		
128	40.5	36.8	55.2
54	51.5	37.4	56.2



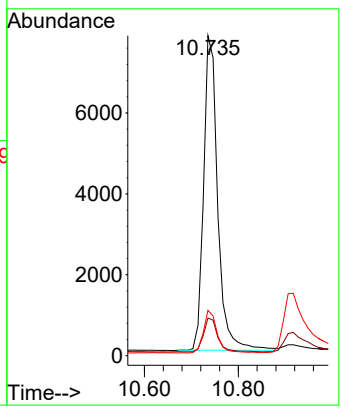


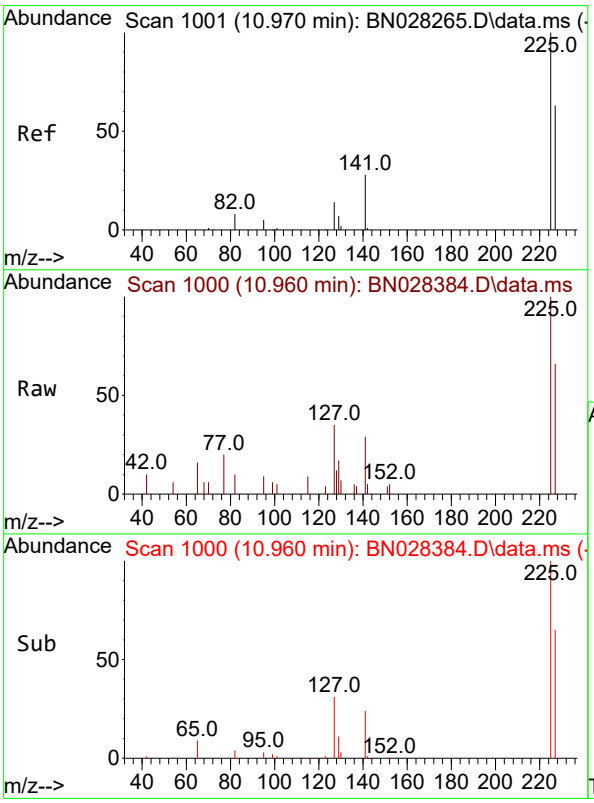
#9
Naphthalene
Concen: 0.401 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 16210

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	14.2	11.4	17.0

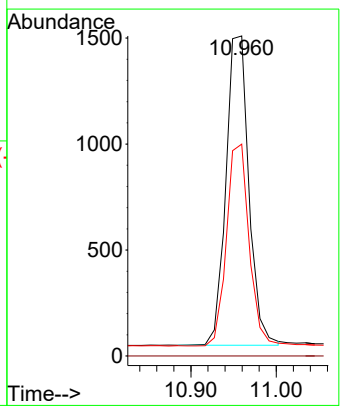


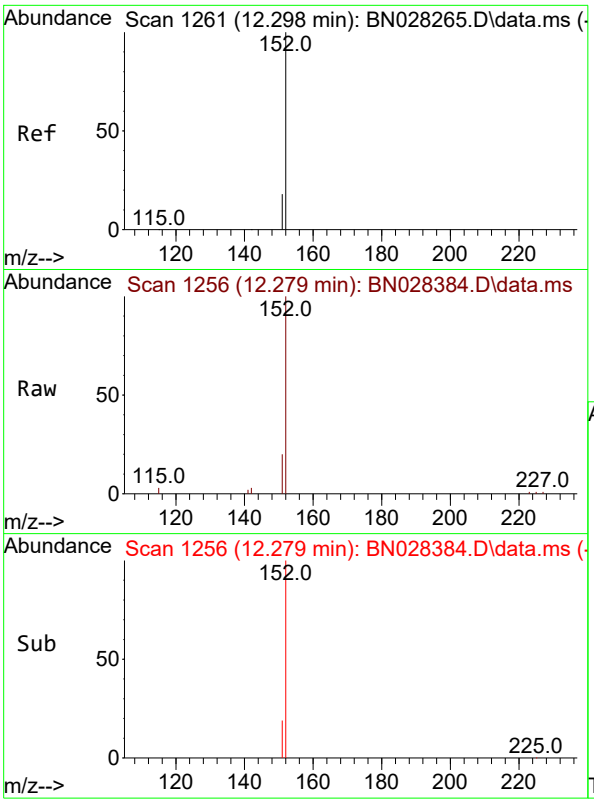


#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 10.960 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:225 Resp: 2719

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.6	77.4



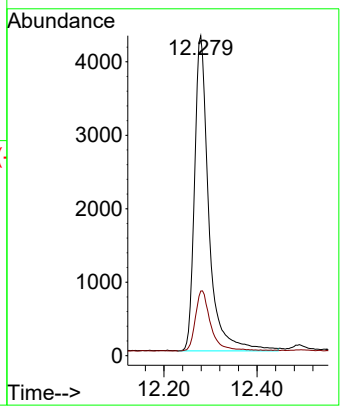


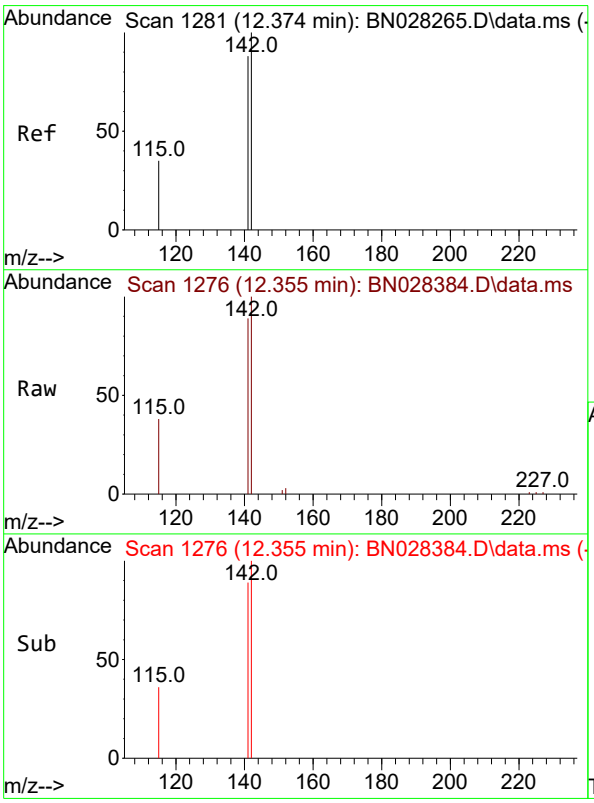
#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.279 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9127

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1

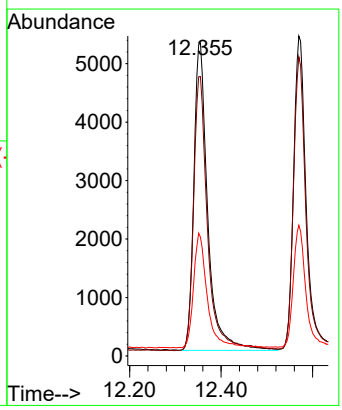


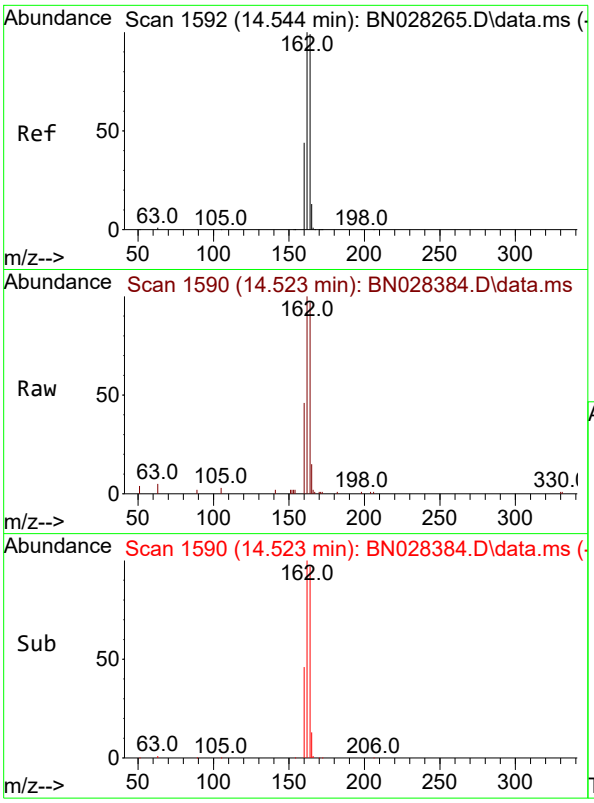


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.355 min Scan# 1276
Delta R.T. -0.015 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:142 Resp: 11079

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7
115	37.9	29.9	44.9



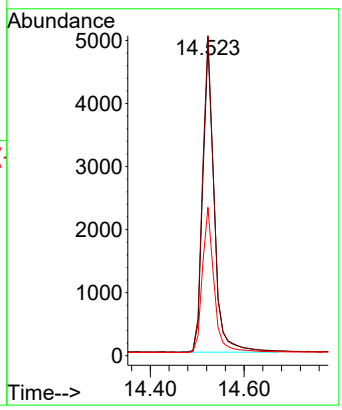


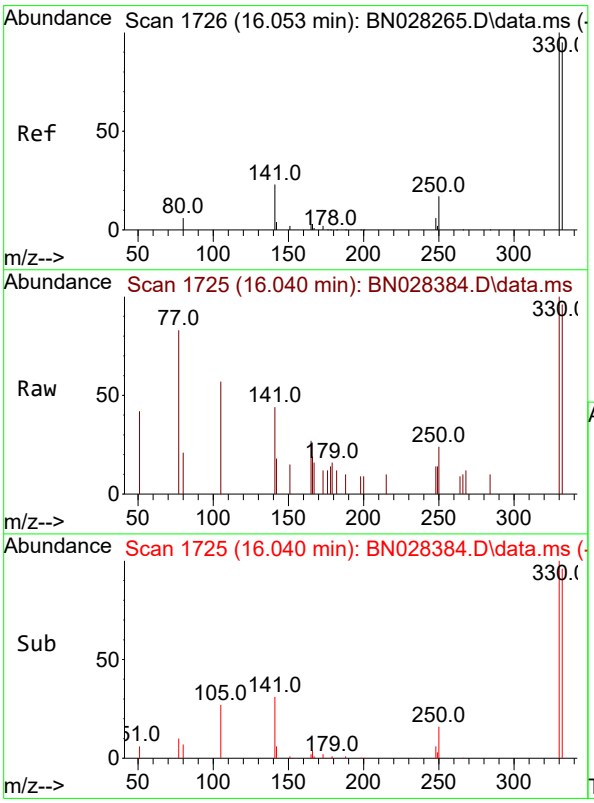
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8278

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.1	121.7
160	47.8	36.6	54.8

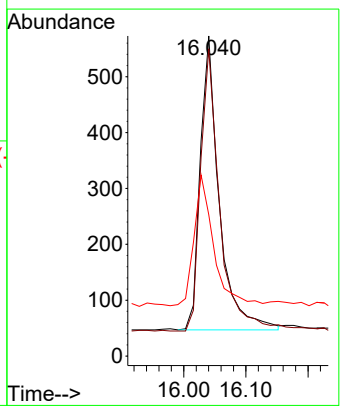


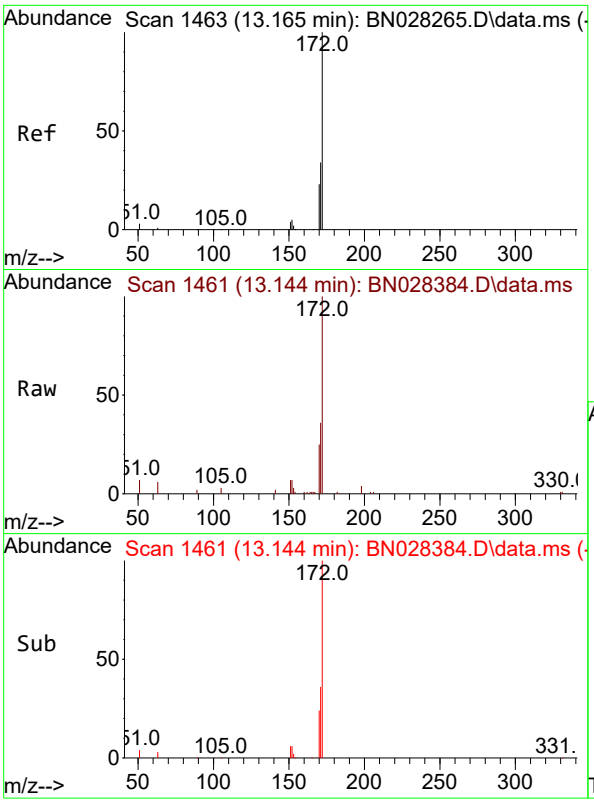


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:330 Resp: 1116

Ion	Ratio	Lower	Upper
330	100		
332	96.2	74.1	111.1
141	45.9	32.1	48.1



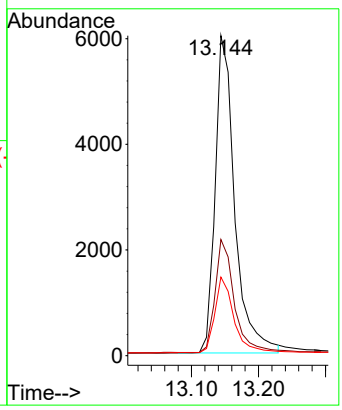


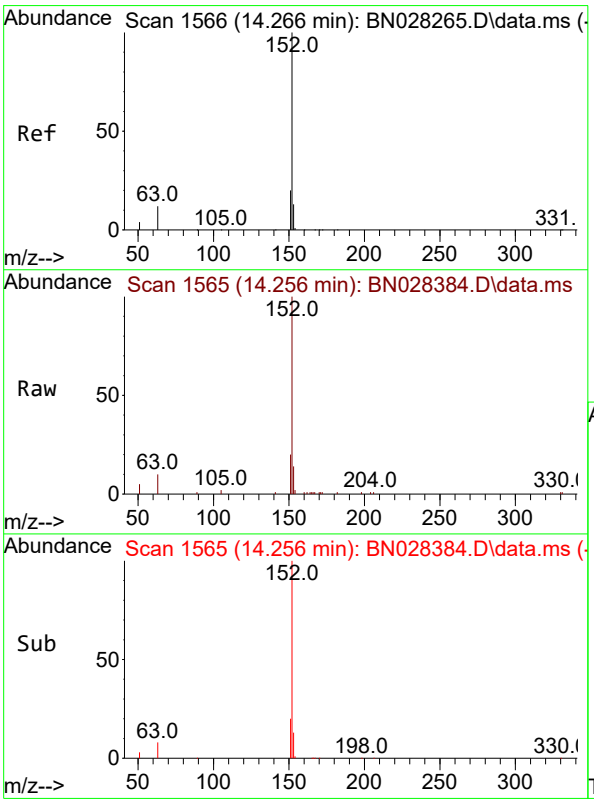
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.144 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12229

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.3	42.5
170	24.6	18.7	28.1

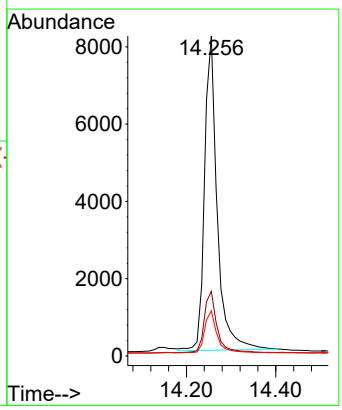


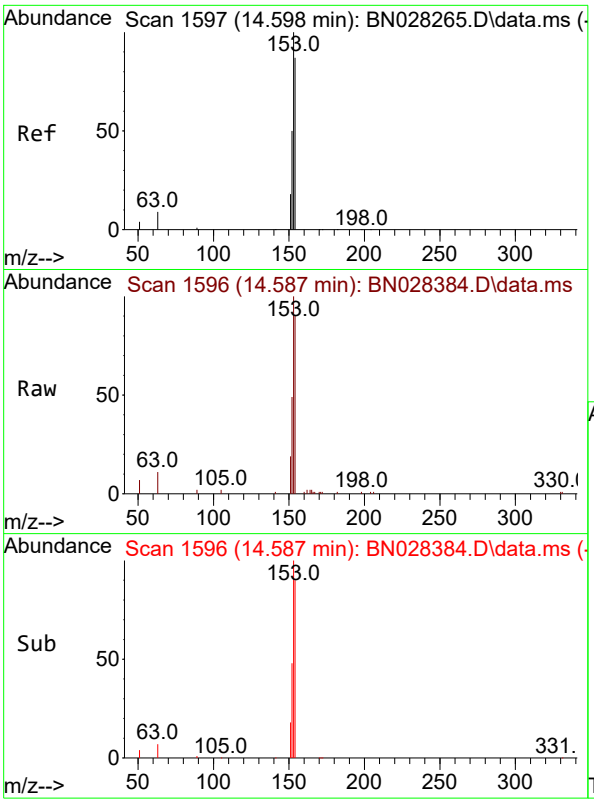


#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.256 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:152 Resp: 15971

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.6	23.4
153	13.0	10.6	16.0



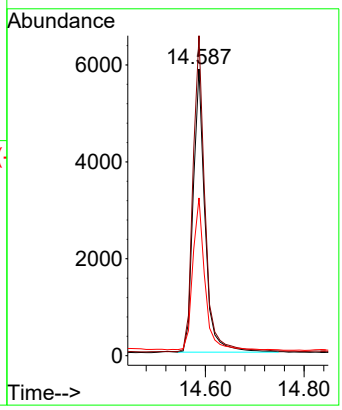


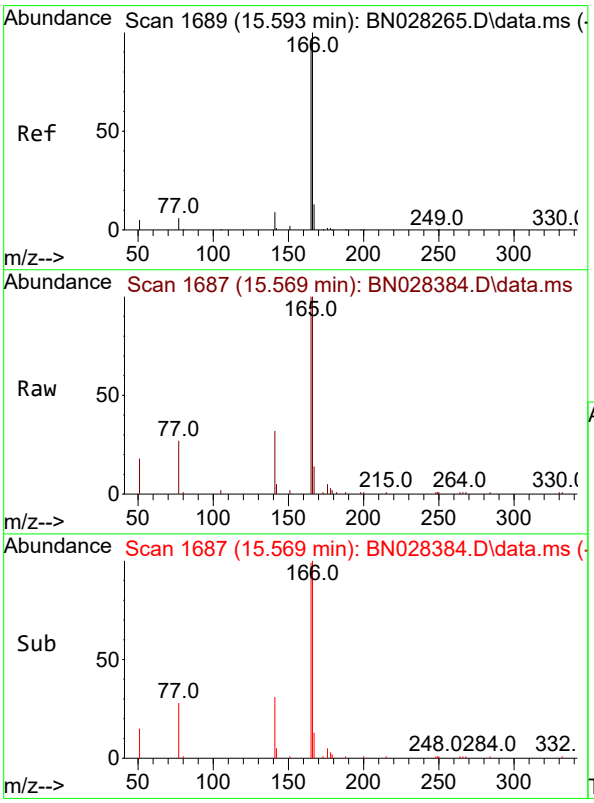
#17
Acenaphthene
Concen: 0.412 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 9663

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.7	136.1
152	54.4	43.6	65.4

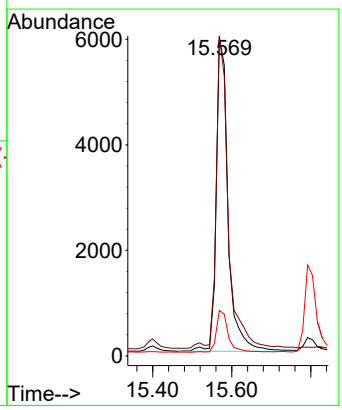


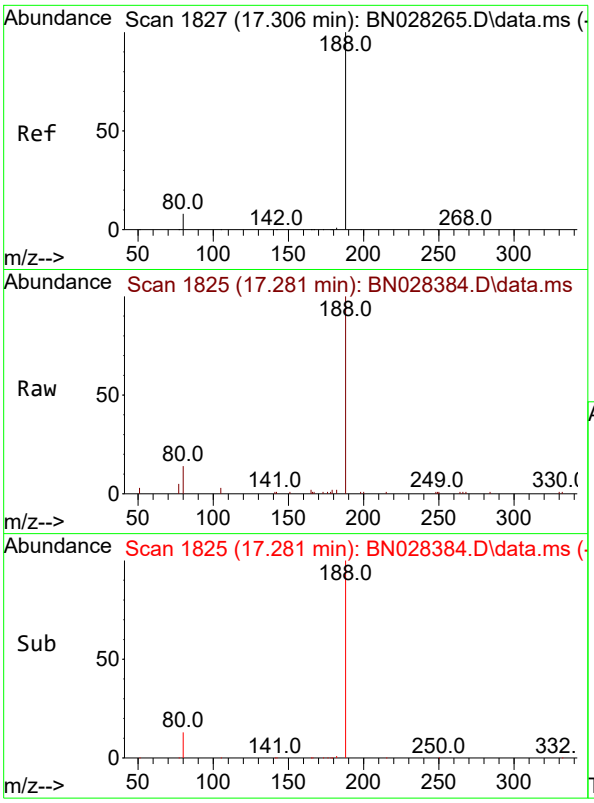


#18
Fluorene
Concen: 0.389 ng
RT: 15.569 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:166 Resp: 11989

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.3	118.9
167	13.8	10.9	16.3



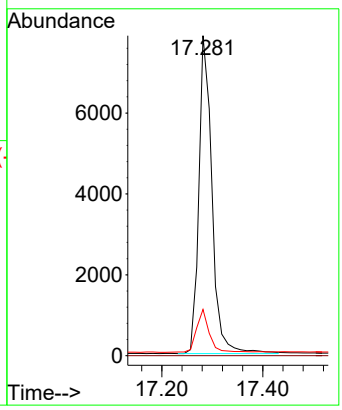


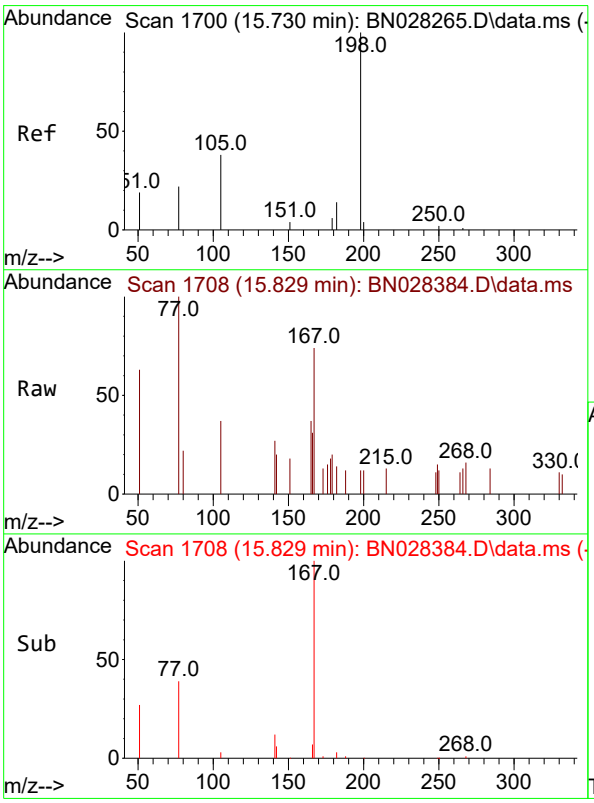
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 14220

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	7.1	10.7#

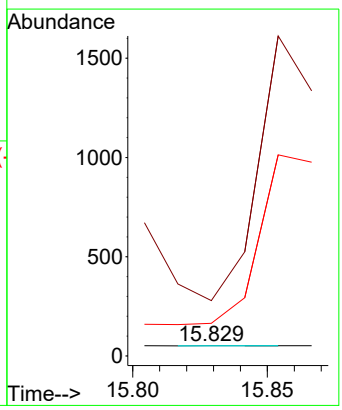


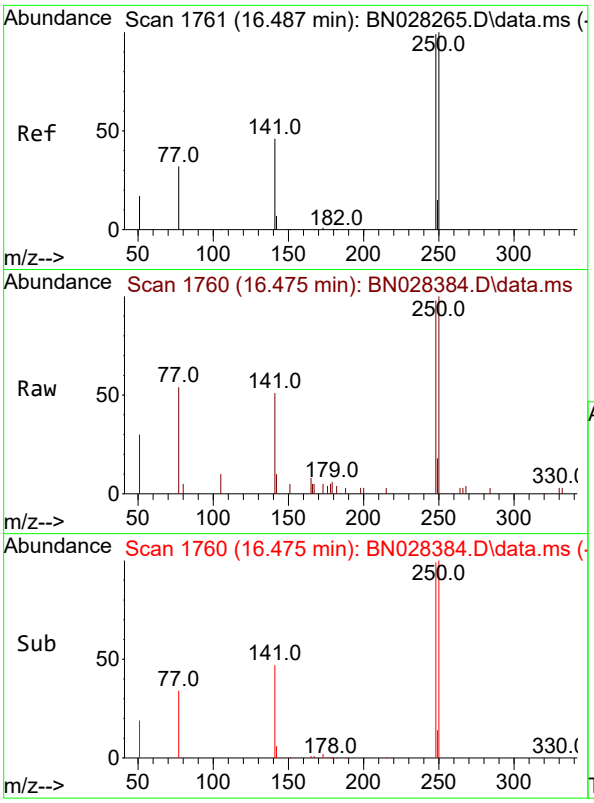


#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.829 min Scan# 1708
Delta R.T. 0.025 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:198 Resp: 1

Ion	Ratio	Lower	Upper
198	100		
51	536.5	96.1	144.1#
105	317.3	75.4	113.0#



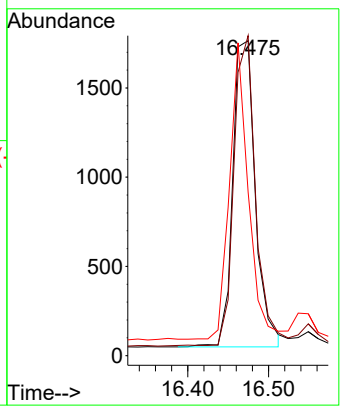


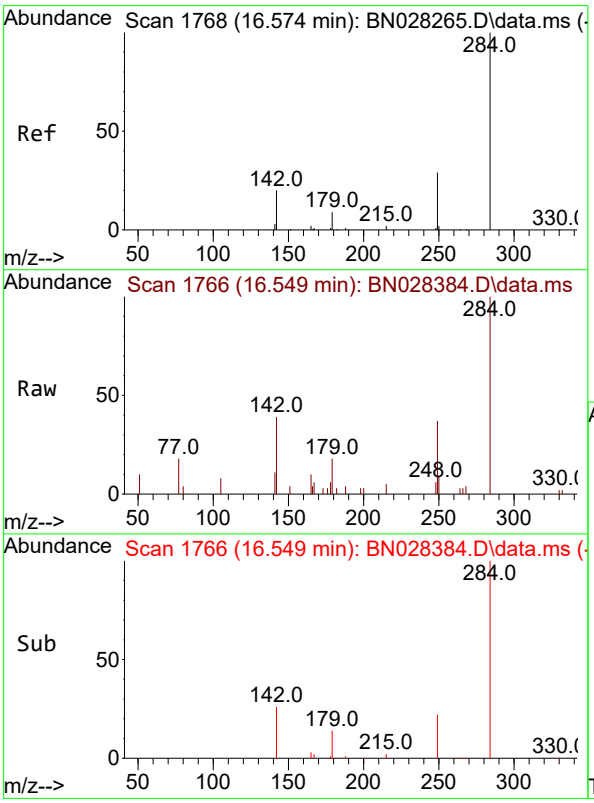
#21
4-Bromophenyl-phenylether
Concen: 0.457 ng
RT: 16.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3346

Ion	Ratio	Lower	Upper
248	100		
250	101.6	80.5	120.7
141	52.0	38.9	58.3

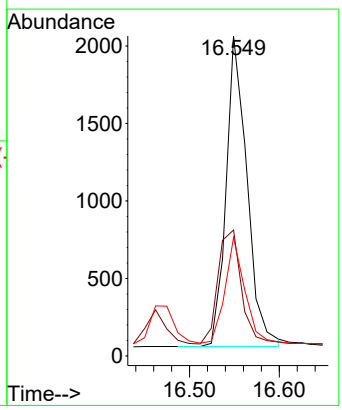


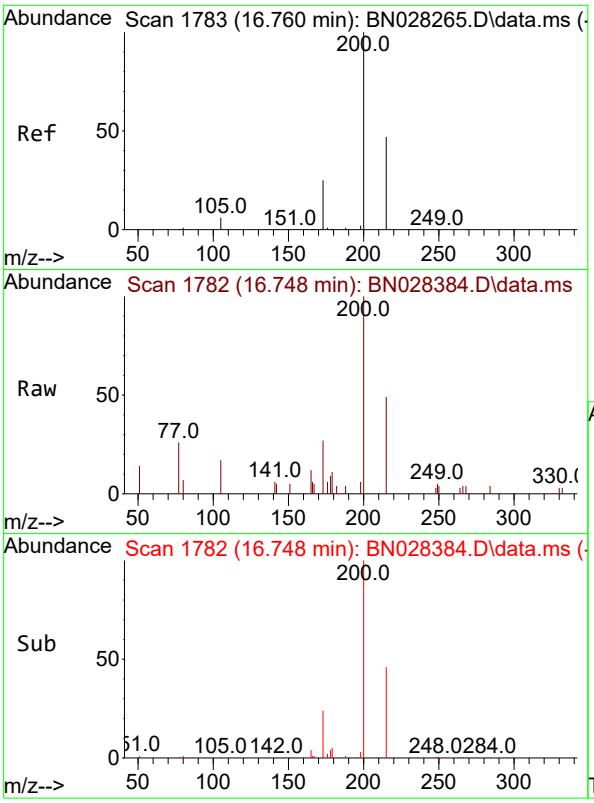


#22
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:284 Resp: 3240

Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.1	48.1
249	31.9	25.5	38.3



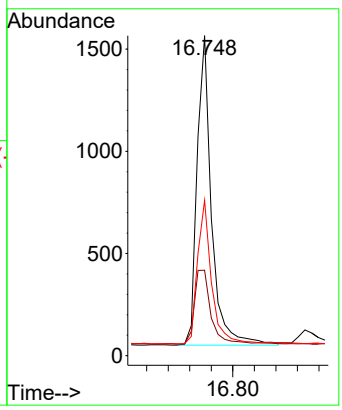


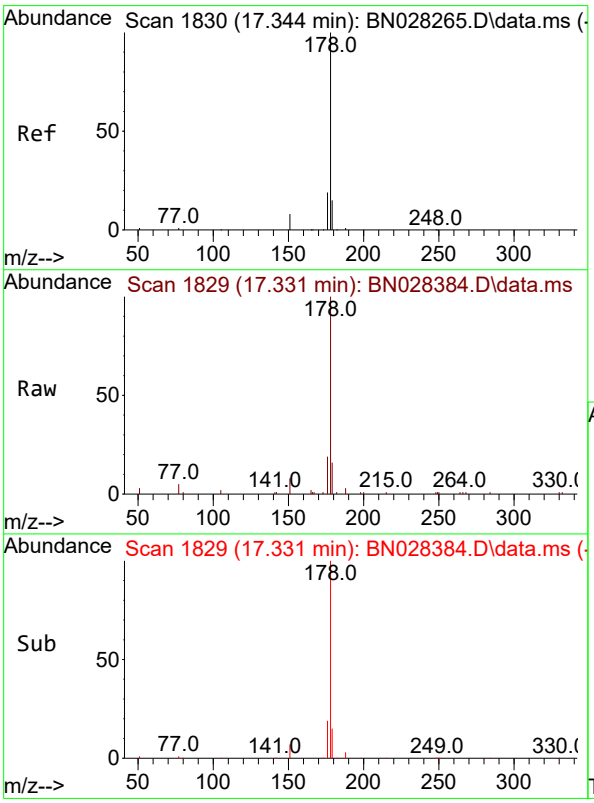
#23
Atrazine
Concen: 0.411 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2820

Ion	Ratio	Lower	Upper
200	100		
173	26.7	21.6	32.4
215	48.5	39.0	58.6

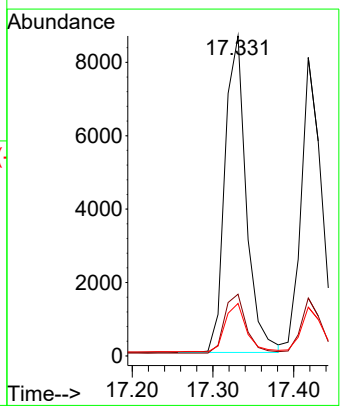


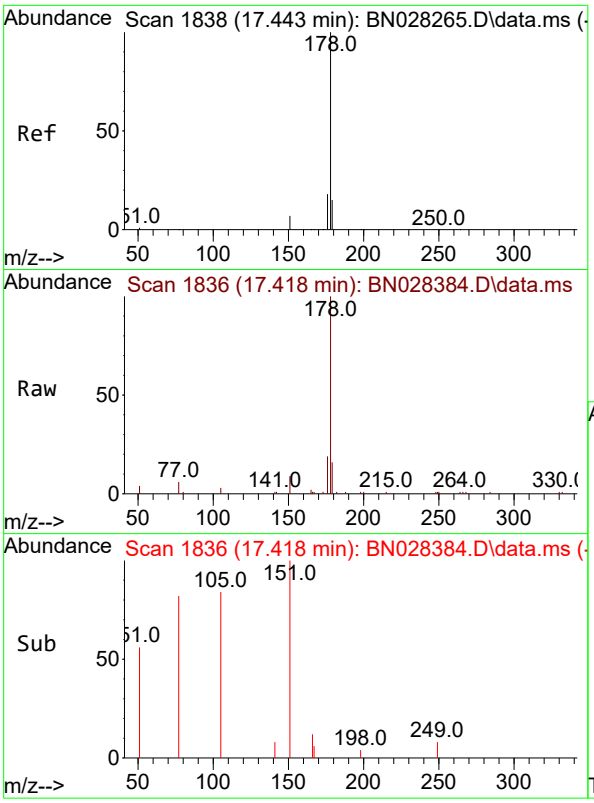


#25
Phenanthrene
Concen: 0.406 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:178 Resp: 15812

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.8	12.5	18.7



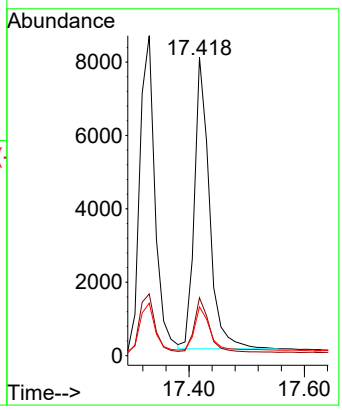


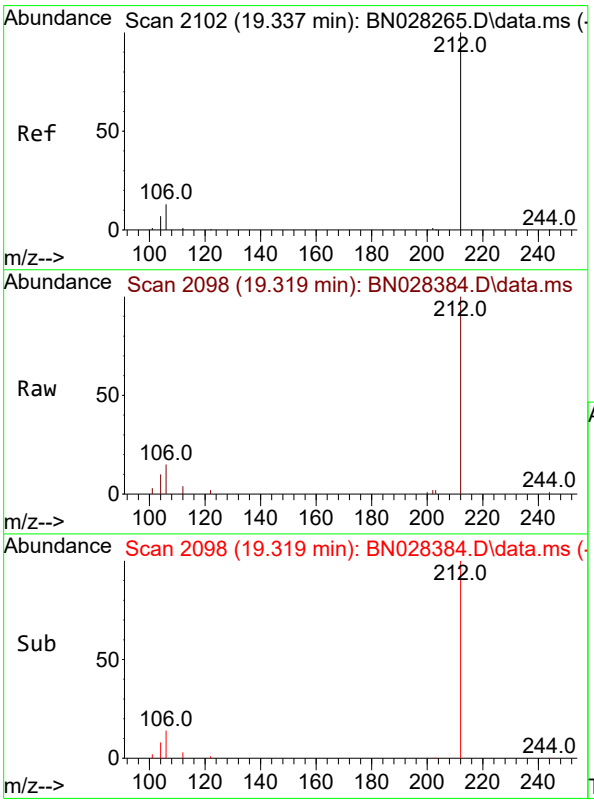
#26
Anthracene
Concen: 0.387 ng
RT: 17.418 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 14383

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.2	12.2	18.4

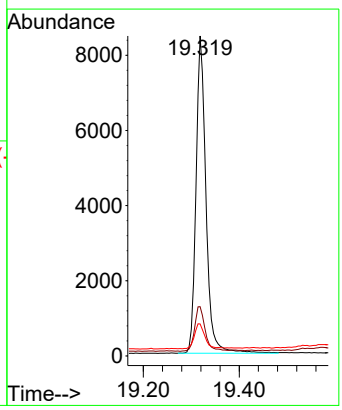


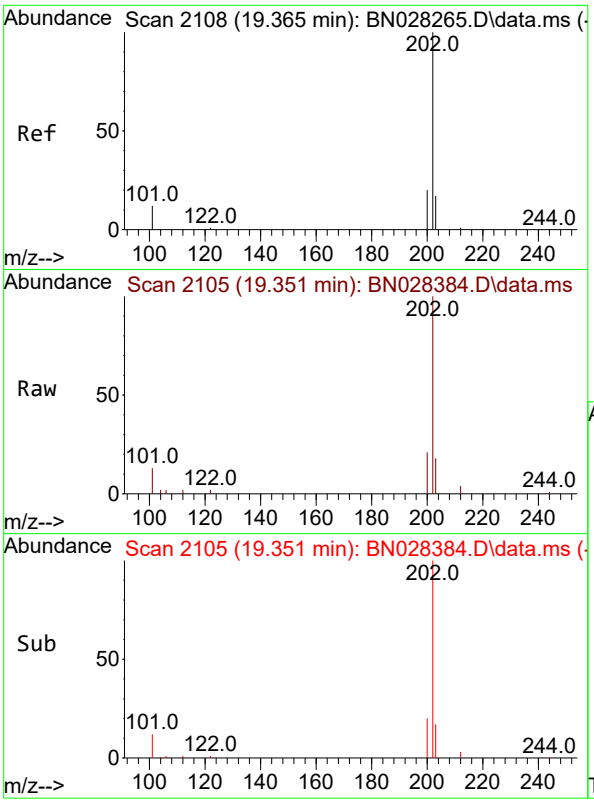


#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:212 Resp: 12236

Ion	Ratio	Lower	Upper
212	100		
106	14.9	11.5	17.3
104	8.4	6.7	10.1



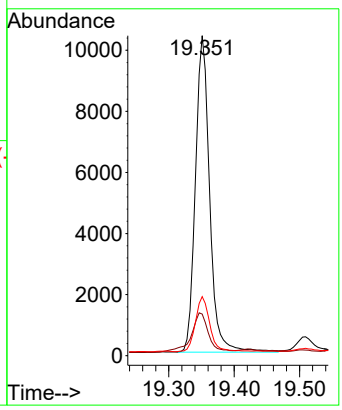


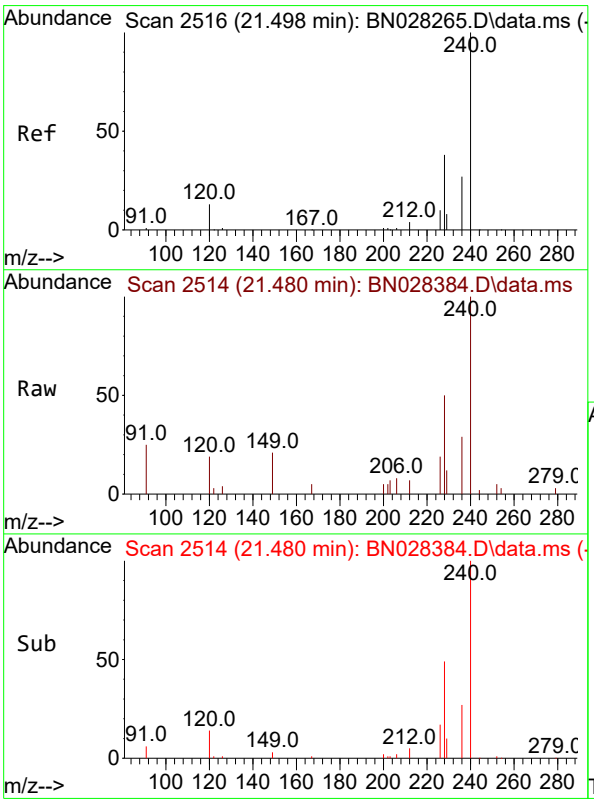
#28
Fluoranthene
Concen: 0.321 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 15674

Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.1	15.1#
203	17.6	13.9	20.9

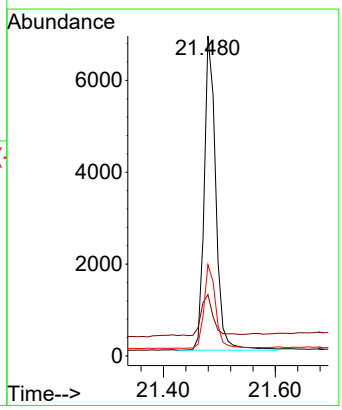


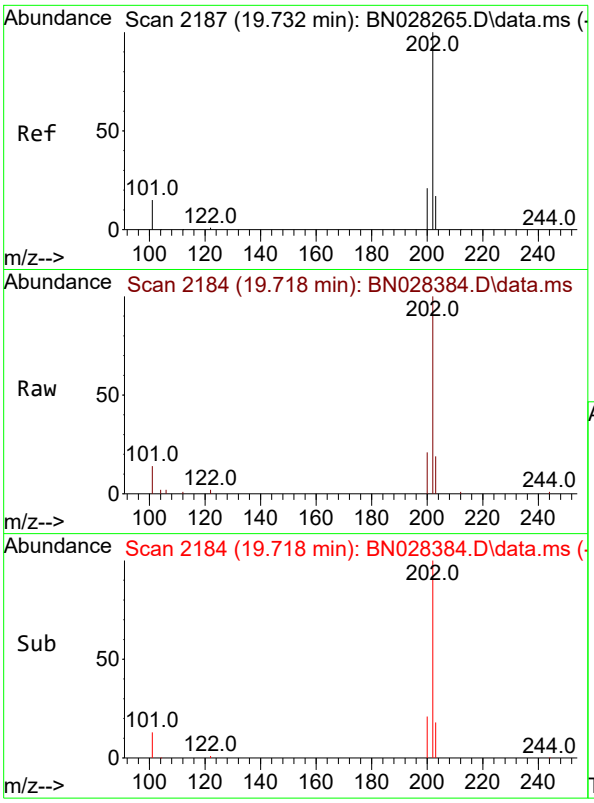


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:240 Resp: 9809

Ion	Ratio	Lower	Upper
240	100		
120	19.2	13.4	20.0
236	28.6	22.7	34.1



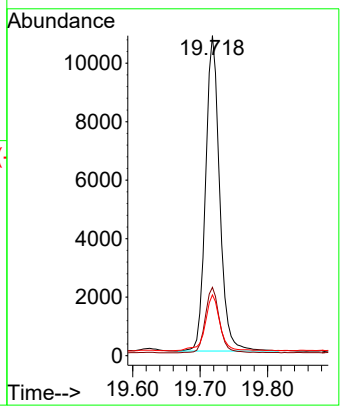


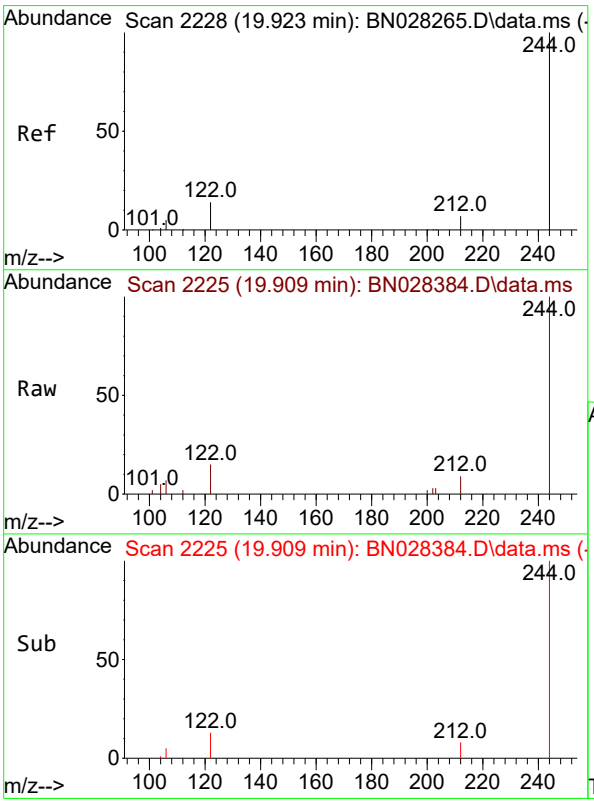
#30
Pyrene
Concen: 0.465 ng
RT: 19.718 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 15621

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.7	14.5	21.7

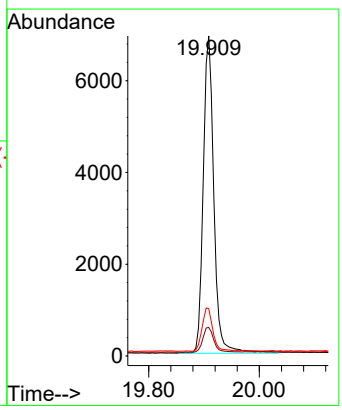


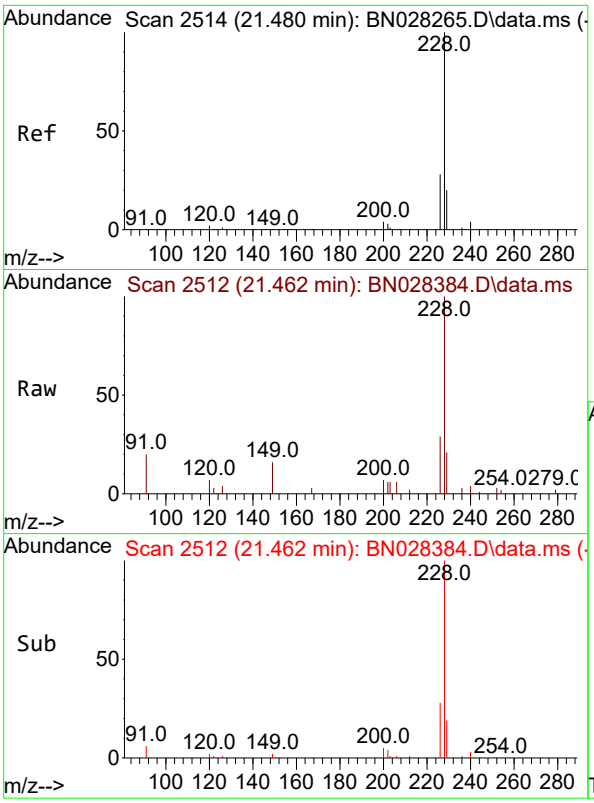


#31
Terphenyl-d14
Concen: 0.444 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:244 Resp: 9238

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	14.8	11.7	17.5



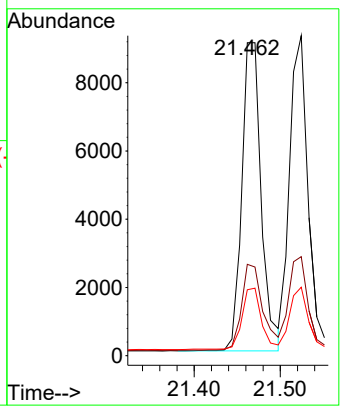


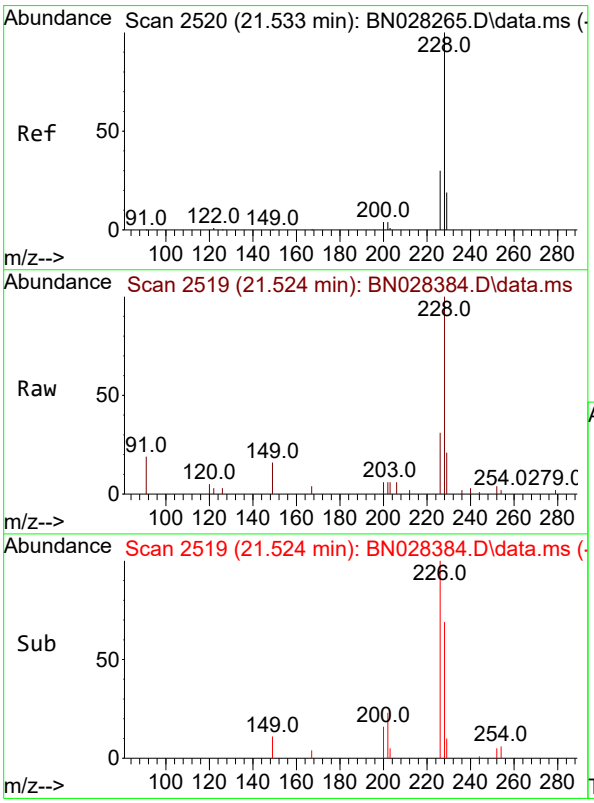
#32
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.462 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 14209

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	21.1	16.6	24.8

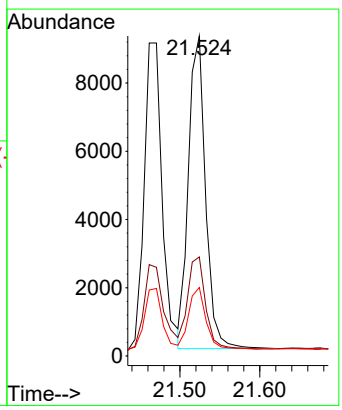


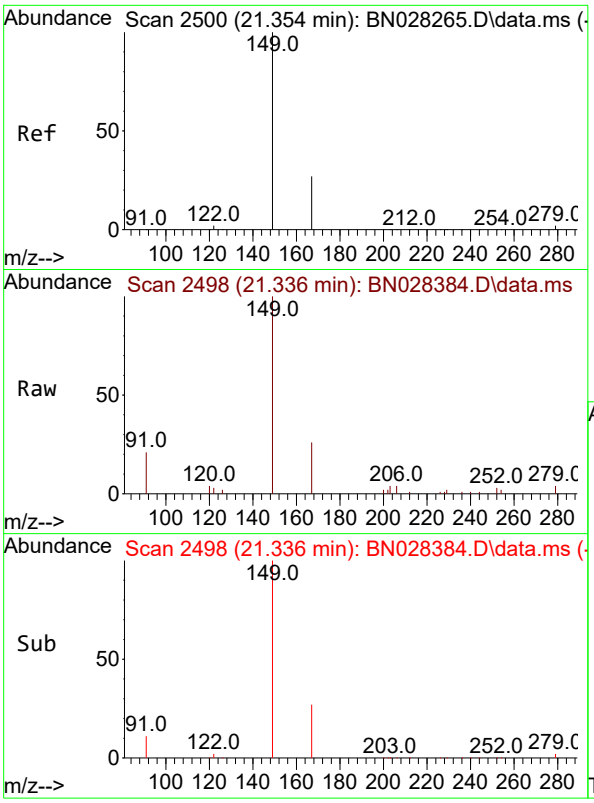


#33
Chrysene
Concen: 0.409 ng
RT: 21.524 min Scan# 2519
Delta R.T. 0.000 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:228 Resp: 13653

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	21.4	16.6	25.0



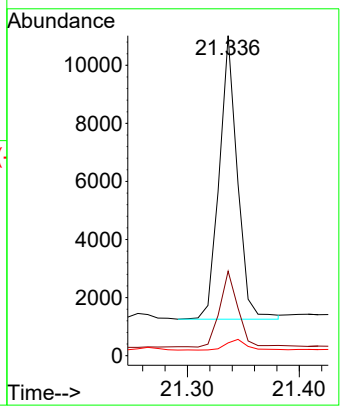


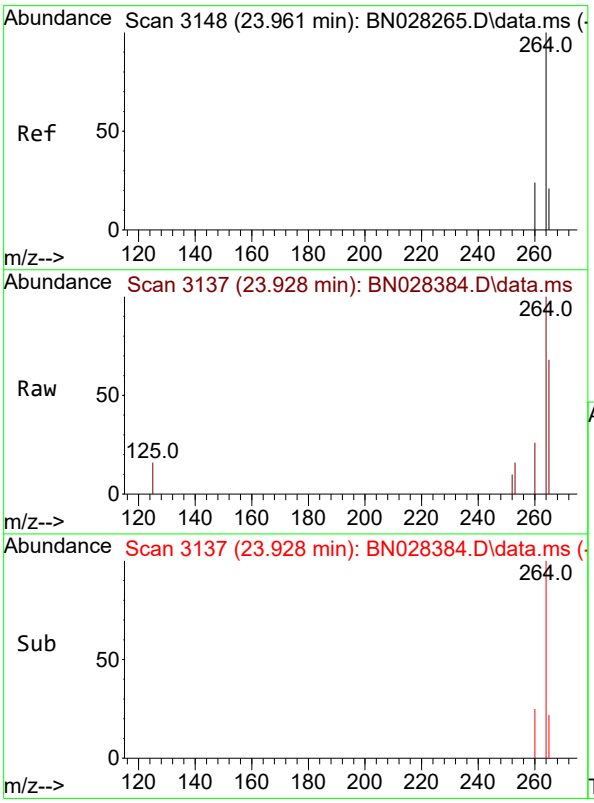
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 11000

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	34.0
279	4.2	4.2	6.2

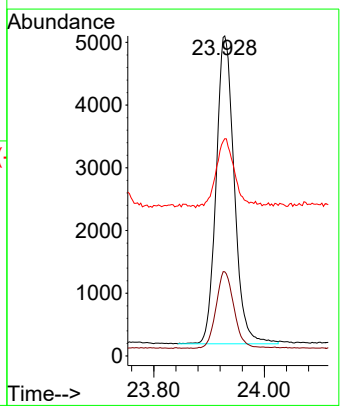


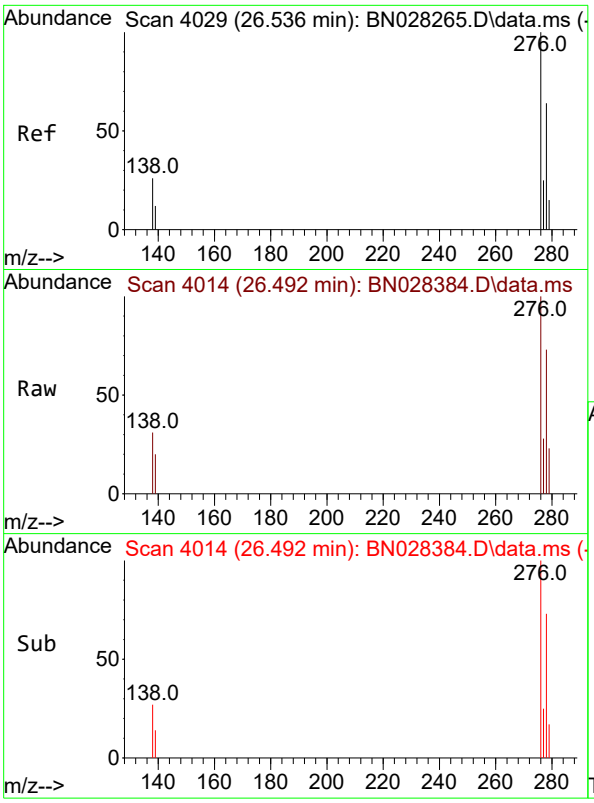


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.928 min Scan# 3137
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:264 Resp: 11145

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.7	31.1
265	67.9	38.3	57.5#



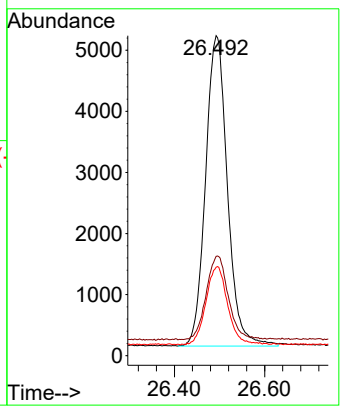


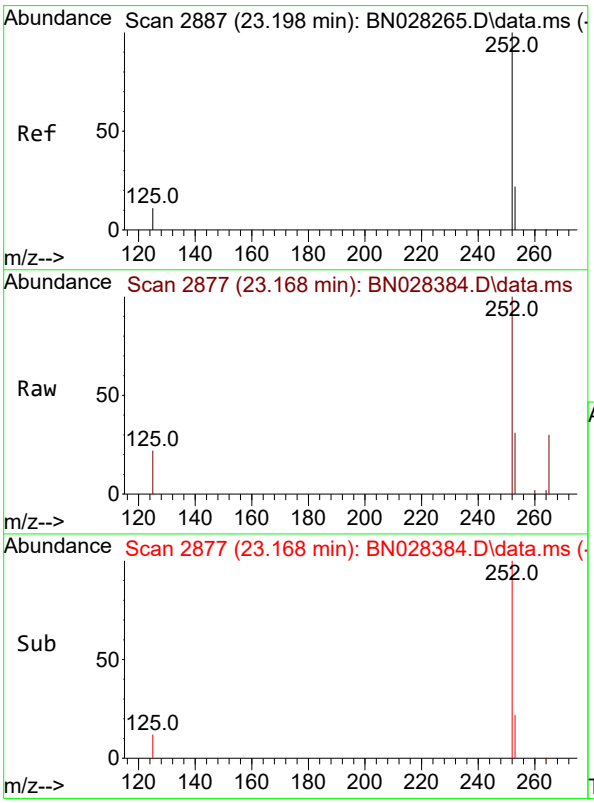
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.492 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17111

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.3	31.9
277	24.8	20.0	30.0

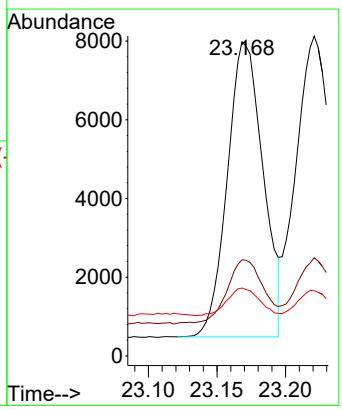


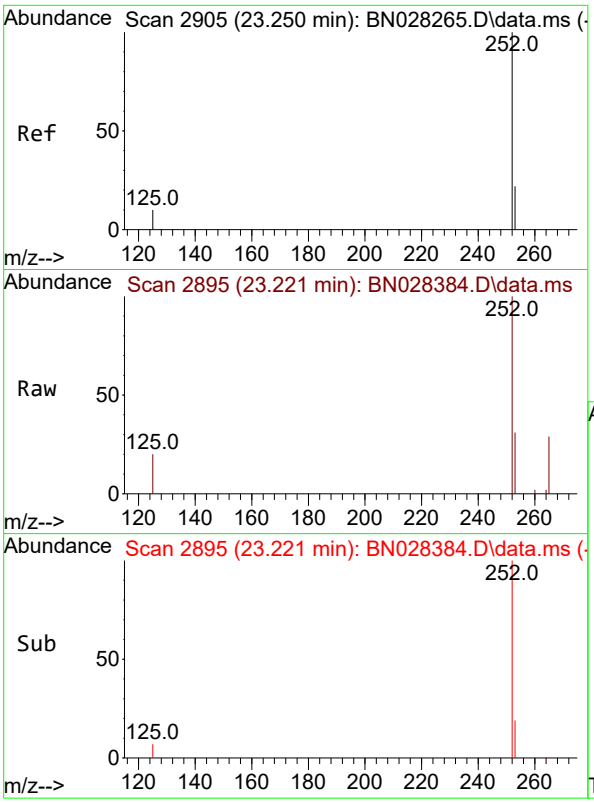


#37
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.168 min Scan# 2877
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:252 Resp: 13588

Ion	Ratio	Lower	Upper
252	100		
253	30.6	21.8	32.8
125	21.6	15.6	23.4



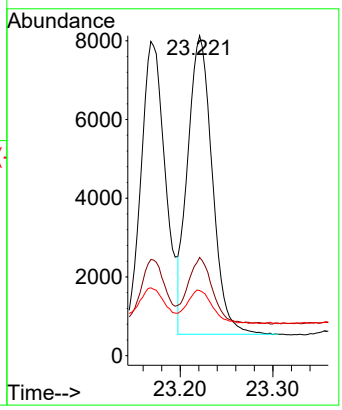


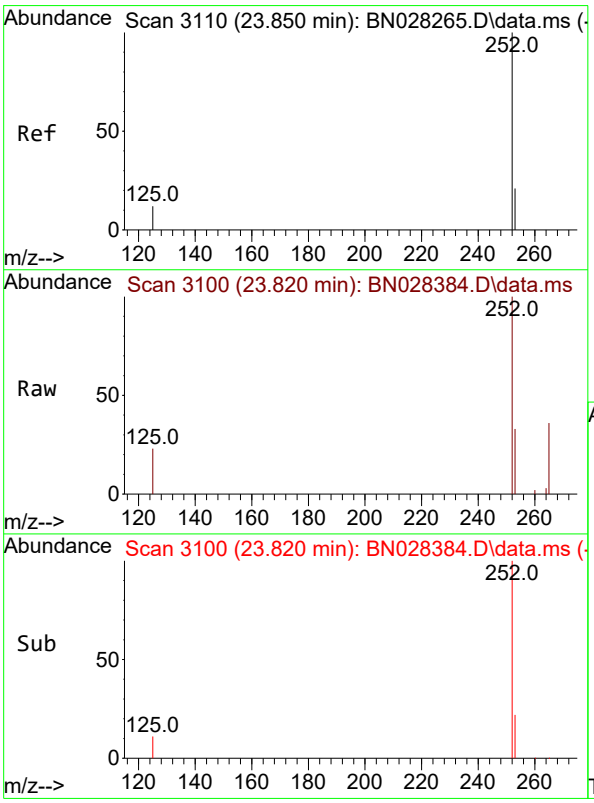
#38
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.221 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 14004

Ion	Ratio	Lower	Upper
252	100		
253	30.7	22.0	33.0
125	20.4	15.3	22.9

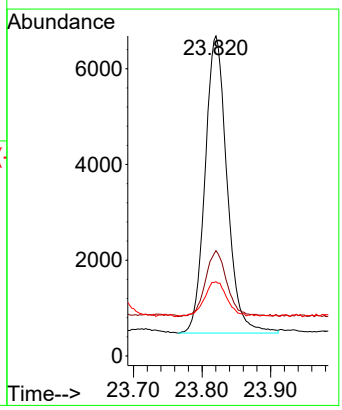


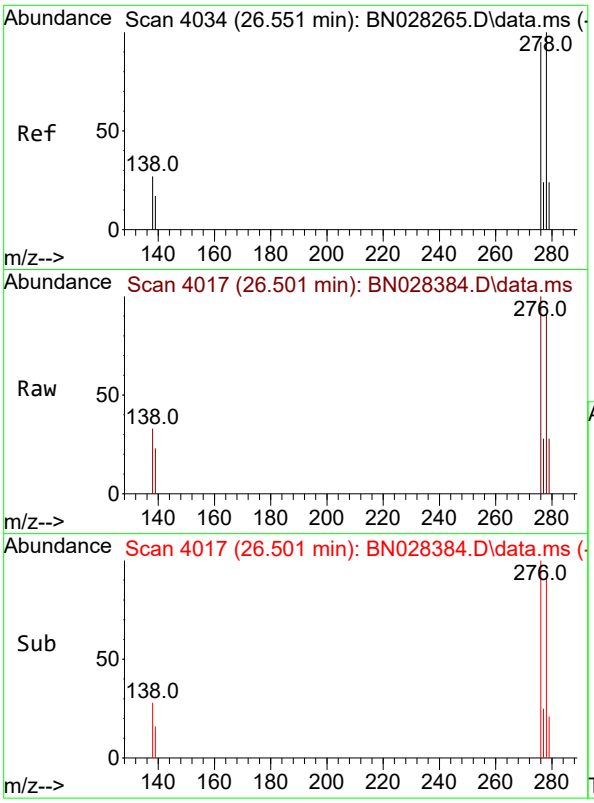


#39
Benzo(a)pyrene
Concen: 0.399 ng
RT: 23.820 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:252 Resp: 13835

Ion	Ratio	Lower	Upper
252	100		
253	32.9	22.7	34.1
125	23.2	17.0	25.6



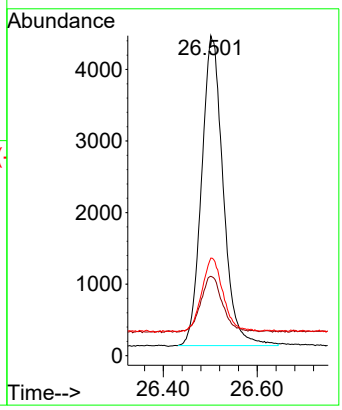


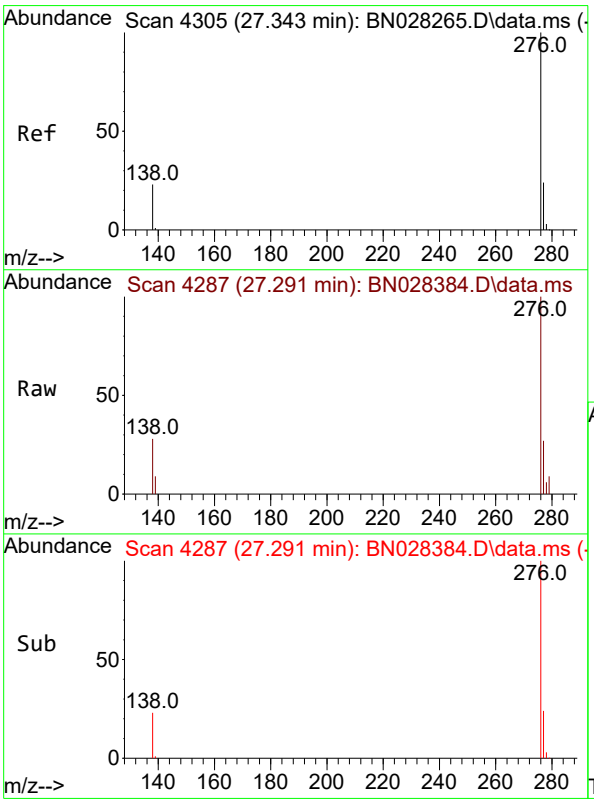
#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.501 min Scan# 4
Delta R.T. -0.017 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 13815

Ion	Ratio	Lower	Upper
278	100		
139	24.8	18.8	28.2
279	30.5	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 27.291 min Scan# 4287
Delta R.T. -0.015 min
Lab File: BN028384.D
Acq: 24 Oct 2023 20:36

Tgt Ion:276 Resp: 14325

Ion	Ratio	Lower	Upper
276	100		
277	27.0	21.7	32.5
138	28.3	21.7	32.5