Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028395.D
Acq On : 25 Oct 2023 04:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 05:08:58 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	3689	0.400	ng		0.00
7) Naphthalene-d8	10.682	136	12142	0.400	ng		#-0.02
13) Acenaphthene-d10	14.523	164	5721	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	9644	0.400	ng		#-0.01
29) Chrysene-d12	21.480	240	13944	0.400	ng		0.00
35) Perylene-d12	23.925	264	16194	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.415	112	4019	0.351	ng		-0.01
5) Phenol-d6	7.048	99	5184	0.368	ng		0.00
8) Nitrobenzene-d5	9.080	82	4134	0.384	ng		-0.02
11) 2-Methylnaphthalene-d10	12.271	152	6758	0.370	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	842	0.302	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	8839	0.439	ng		-0.02
27) Fluoranthene-d10	19.319	212	11585	0.449	ng		0.00
31) Terphenyl-d14	19.909	244	7029	0.237	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1522	0.341	ng		96
3) n-Nitrosodimethylamine	3.653	42	1951	0.401	ng	#	98
6) bis(2-Chloroethyl)ether	7.315	93	4301	0.395	ng		98
9) Naphthalene	10.735	128	12414	0.394	ng		99
10) Hexachlorobutadiene	10.949	225	2141	0.396	ng	#	99
12) 2-Methylnaphthalene	12.351	142	8139	0.364	ng		100
16) Acenaphthylene	14.245	152	20016	0.779	ng		99
17) Acenaphthene	14.587	154	7189	0.444	ng		98
18) Fluorene	15.568	166	10300	0.483	ng		95
20) 4,6-Dinitro-2-methylph...	15.779	198	6	0.189	ng	#	1
21) 4-Bromophenyl-phenylether	16.462	248	2220	0.447	ng	#	79
22) Hexachlorobenzene	16.549	284	2172	0.425	ng		99
23) Atrazine	16.748	200	2022	0.434	ng		96
25) Phenanthrene	17.418	178	12393	0.469	ng		99
26) Anthracene	17.418	178	11288	0.448	ng		95
28) Fluoranthene	19.351	202	23737	0.716	ng		98
30) Pyrene	19.718	202	23946	0.502	ng		97
32) Benzo(a)anthracene	21.462	228	24722	0.499	ng		95
33) Chrysene	21.515	228	23759	0.501	ng		95
34) Bis(2-ethylhexyl)phtha...	21.336	149	16706	0.441	ng		96
36) Indeno(1,2,3-cd)pyrene	26.492	276	25901	0.397	ng		99
37) Benzo(b)fluoranthene	23.168	252	22959	0.454	ng		97
38) Benzo(k)fluoranthene	23.218	252	21897	0.425	ng	#	96
39) Benzo(a)pyrene	23.817	252	22575	0.448	ng		96
40) Dibenzo(a,h)anthracene	26.504	278	20925	0.395	ng		98
41) Benzo(g,h,i)perylene	27.302	276	21788	0.398	ng	#	93

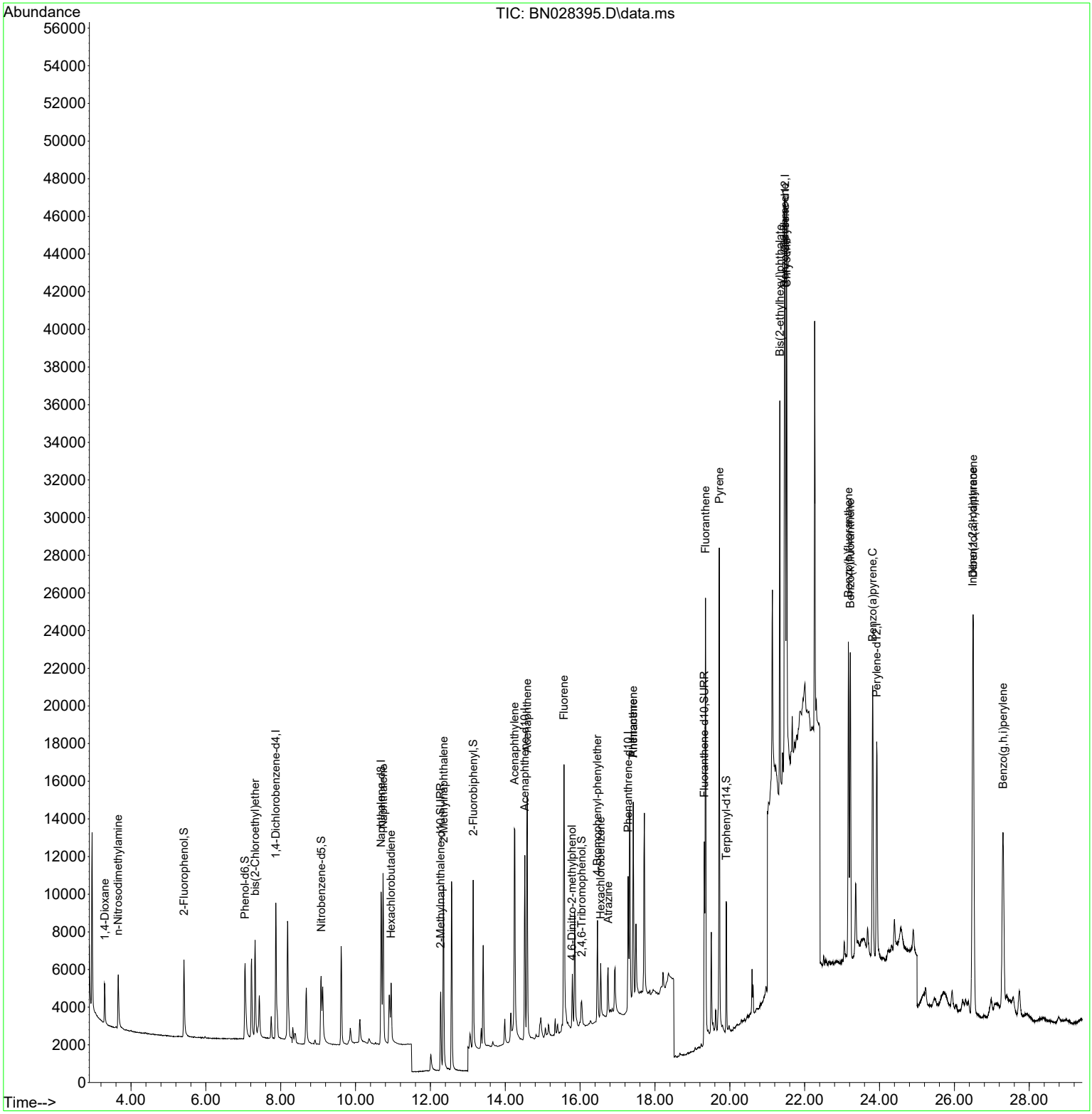
(#) = qualifier out of range (m) = manual integration (+) = signals summed

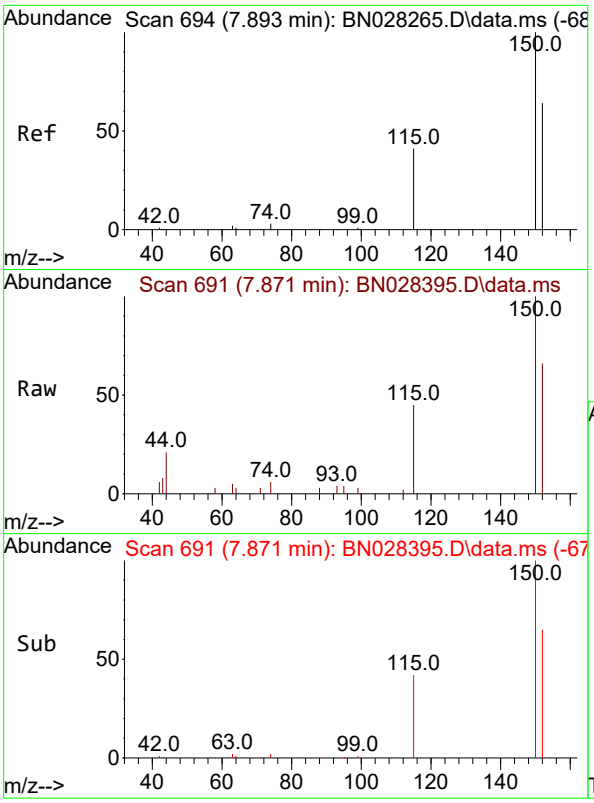
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028395.D
Acq On : 25 Oct 2023 04:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 05:08:58 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



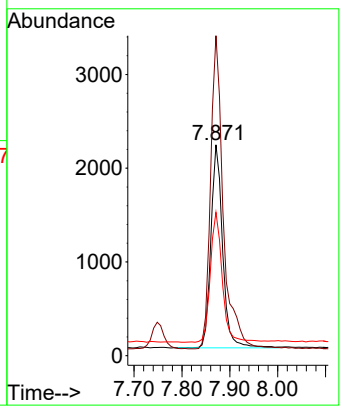


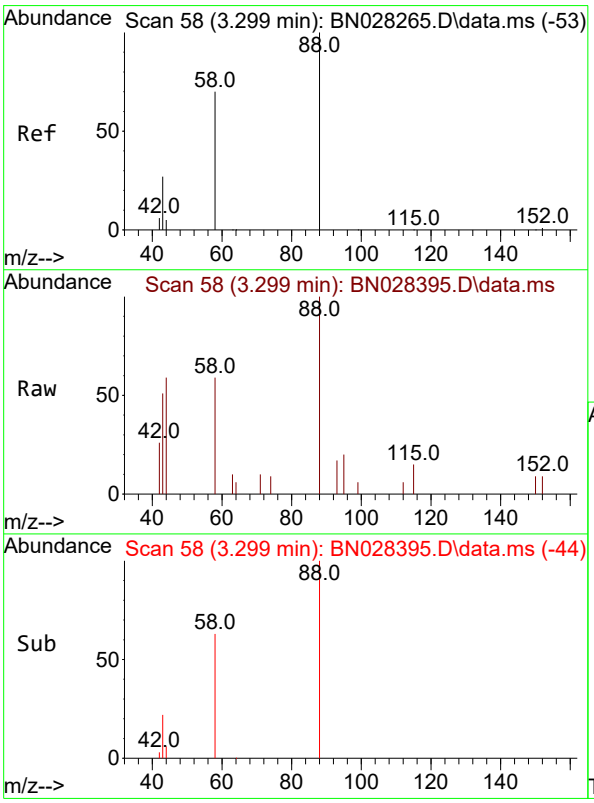
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.871 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3689

Ion	Ratio	Lower	Upper
152	100		
150	151.7	121.6	182.4
115	68.0	54.3	81.5

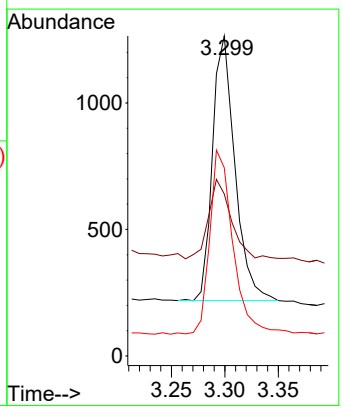


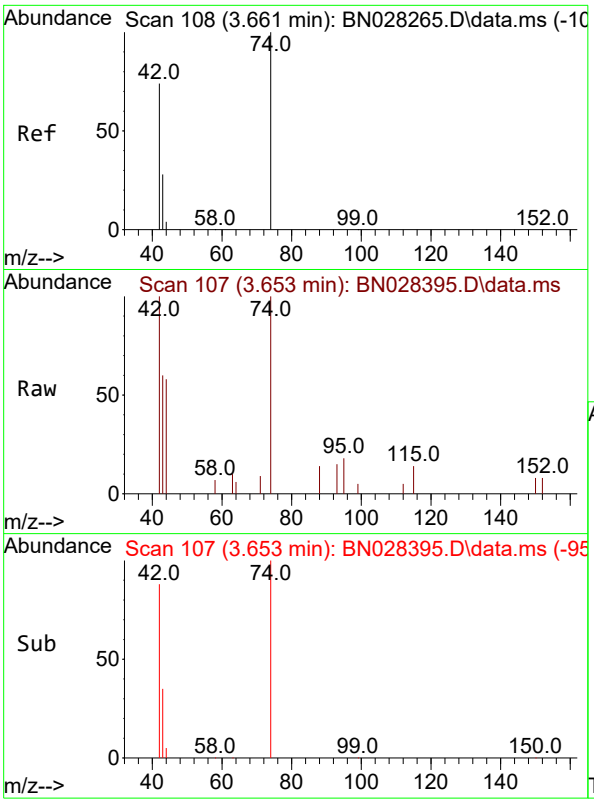


#2
1,4-Dioxane
Concen: 0.341 ng
RT: 3.299 min Scan# 58
Delta R.T. 0.000 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion: 88 Resp: 1522

Ion	Ratio	Lower	Upper
88	100		
43	30.2	26.6	39.8
58	72.0	55.4	83.0



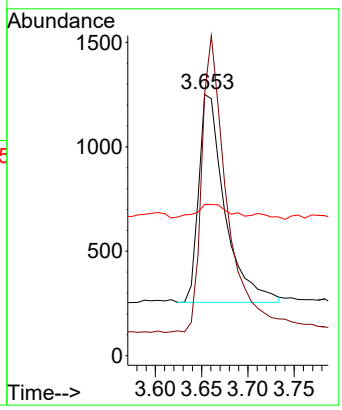


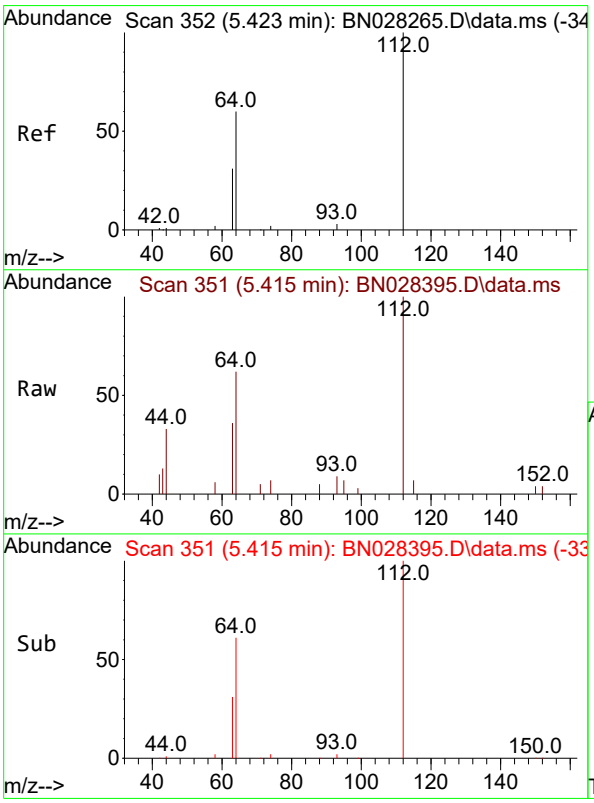
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.653 min Scan# 1(
Delta R.T. -0.014 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1951

Ion	Ratio	Lower	Upper
42	100		
74	138.2	112.6	168.8
44	7.7	7.8	11.6#

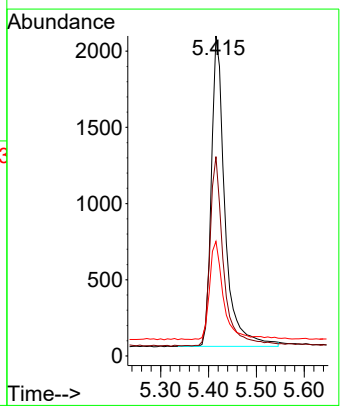


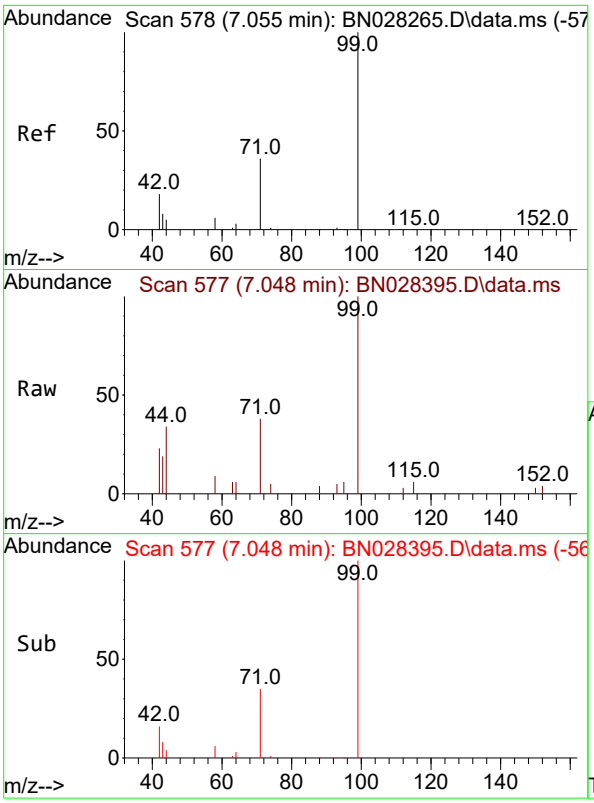


#4
2-Fluorophenol
Concen: 0.351 ng
RT: 5.415 min Scan# 351
Delta R.T. -0.014 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:112 Resp: 4019

Ion	Ratio	Lower	Upper
112	100		
64	60.7	46.9	70.3
63	32.6	25.0	37.4



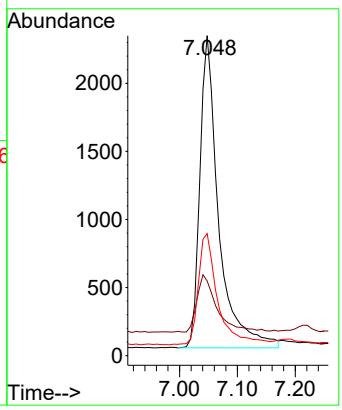


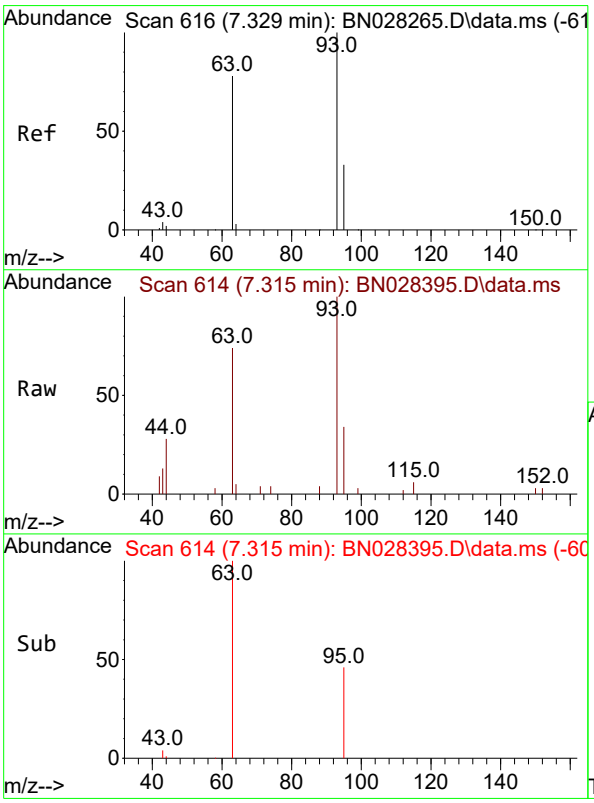
#5
Phenol-d6
Concen: 0.368 ng
RT: 7.048 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5184

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.9	23.9
71	36.7	28.6	42.8

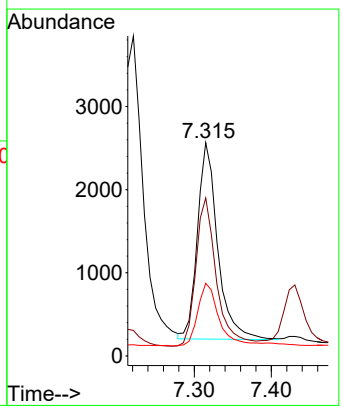


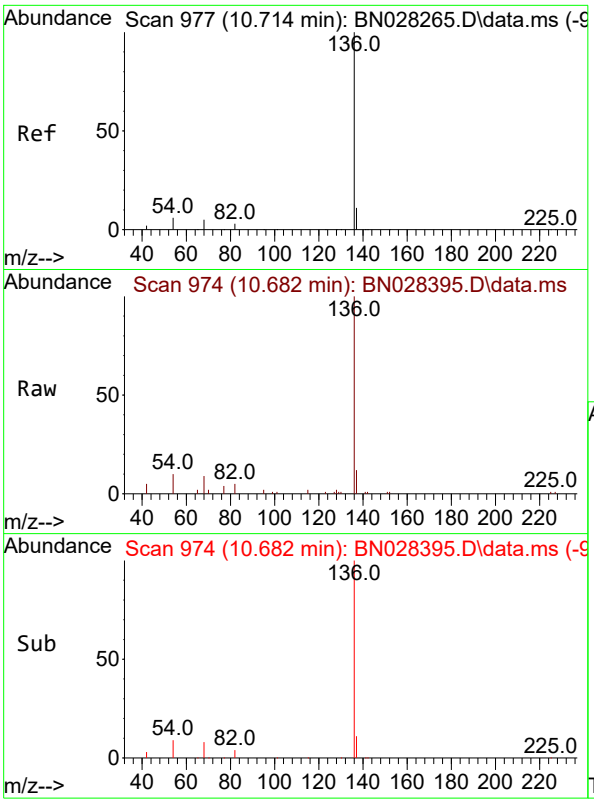


#6
bis(2-Chloroethyl)ether
Concen: 0.395 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.007 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion: 93 Resp: 4301

Ion	Ratio	Lower	Upper
93	100		
63	76.9	62.6	93.8
95	35.4	27.2	40.8



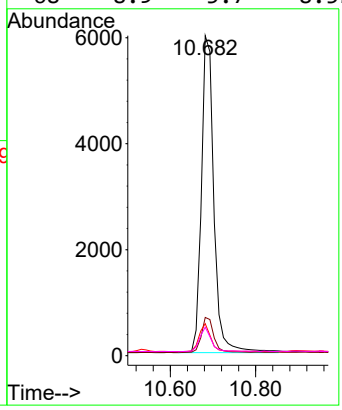


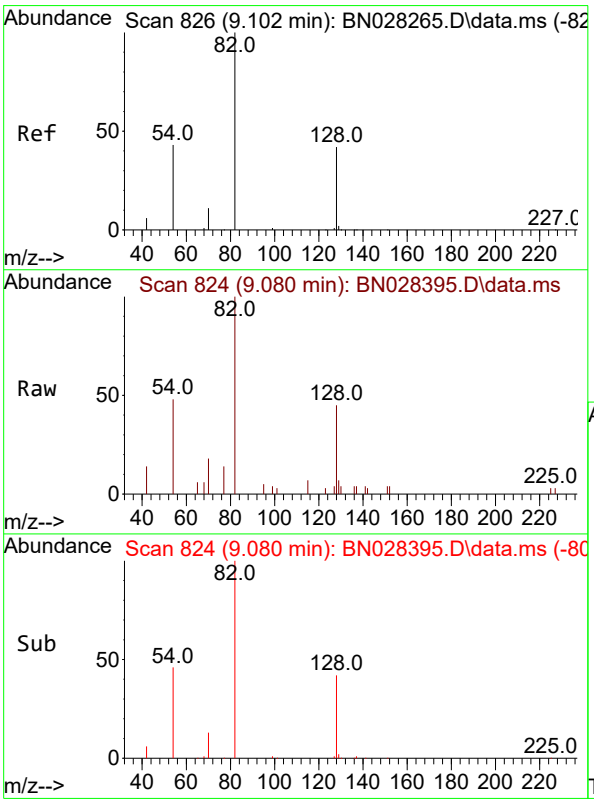
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.682 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 12142

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	10.0	6.2	9.4#
68	8.9	5.7	8.5#

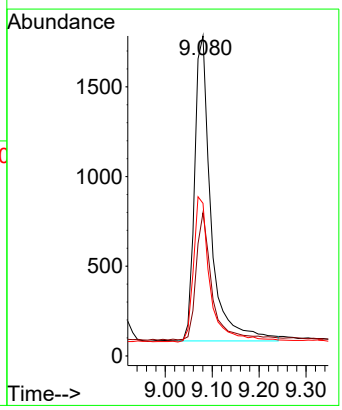


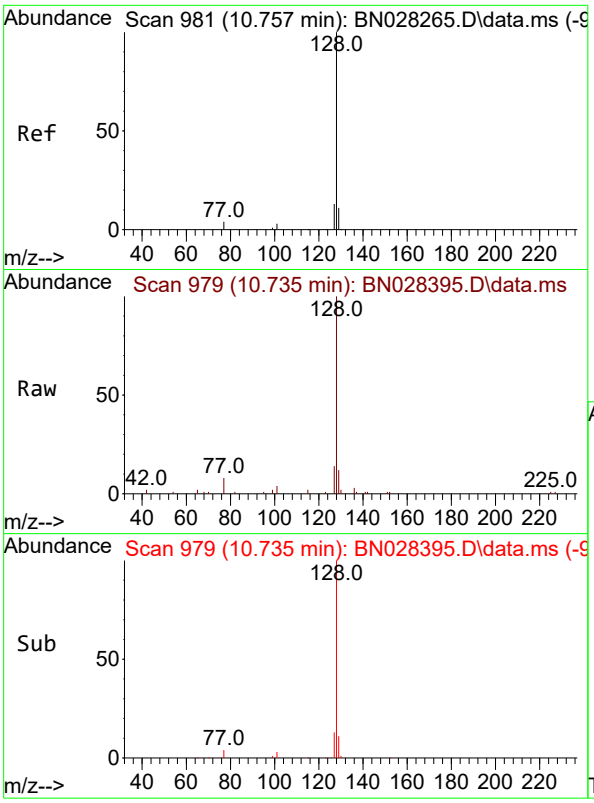


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion: 82 Resp: 4134

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.8	55.2
54	47.7	37.4	56.2



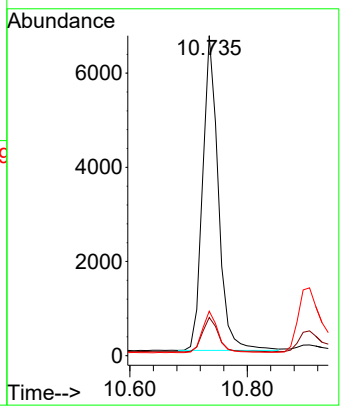


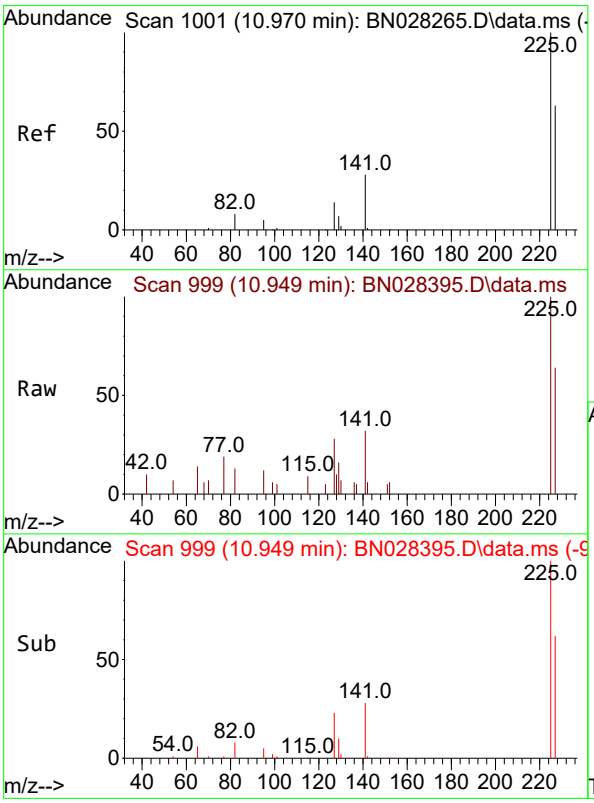
#9
Naphthalene
Concen: 0.394 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 12414

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	13.9	11.4	17.0

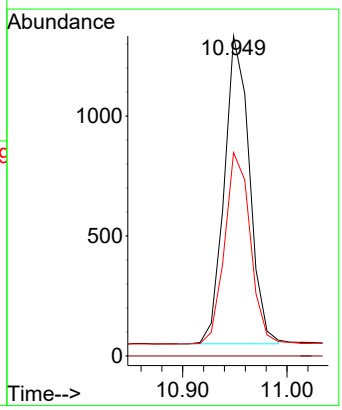


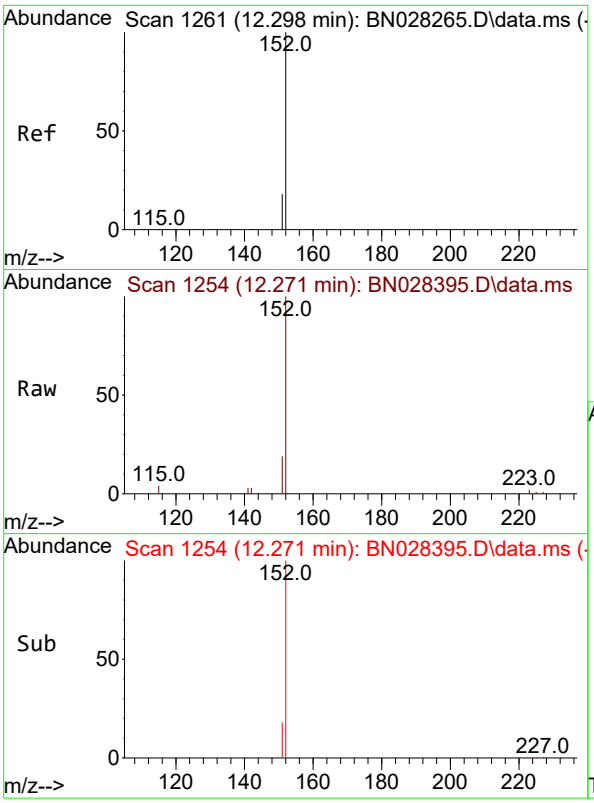


#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 10.949 min Scan# 999
Delta R.T. -0.011 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:225 Resp: 2141

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.6	77.4



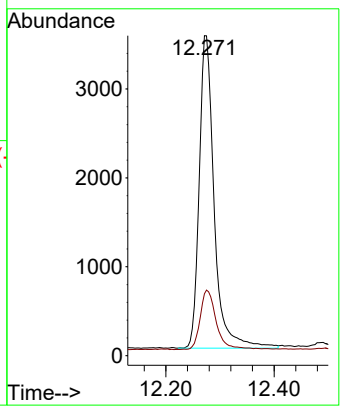


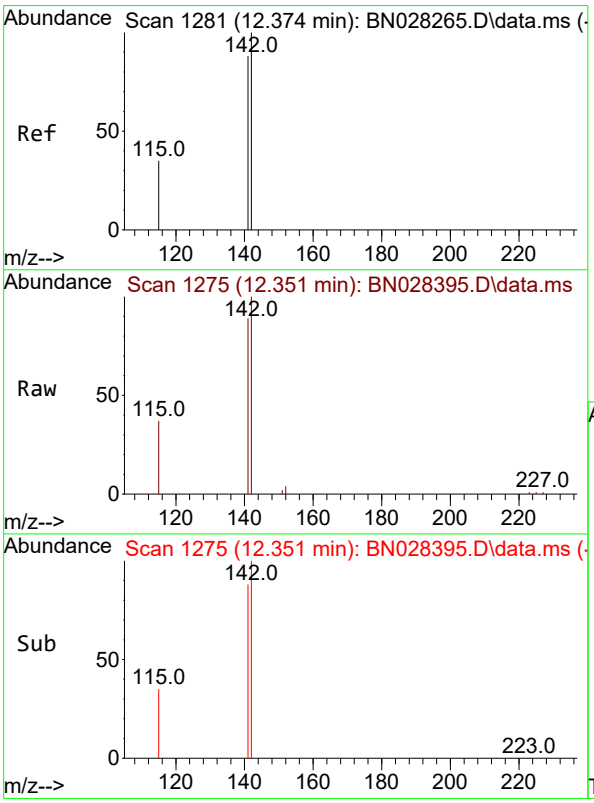
#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.271 min Scan# 1
Delta R.T. -0.023 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 6758

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1

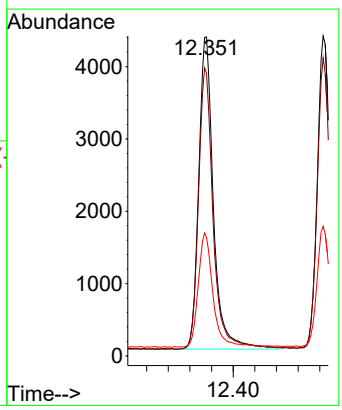


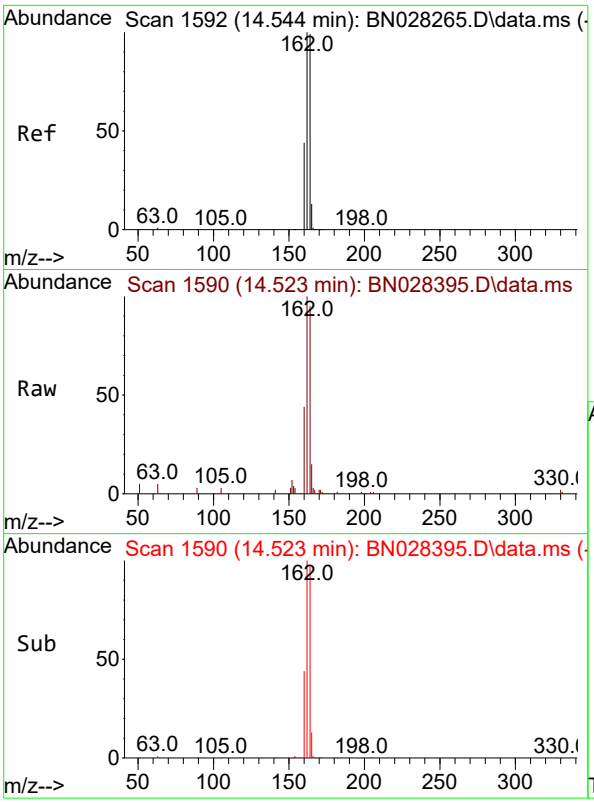


#12
2-Methylnaphthalene
Concen: 0.364 ng
RT: 12.351 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:142 Resp: 8139

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.1	106.7
115	37.1	29.9	44.9



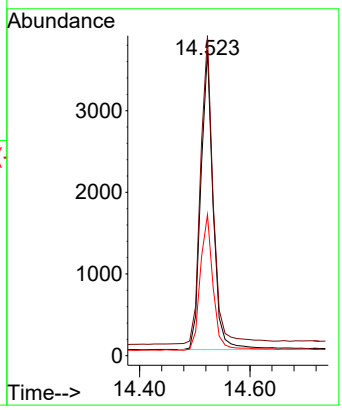


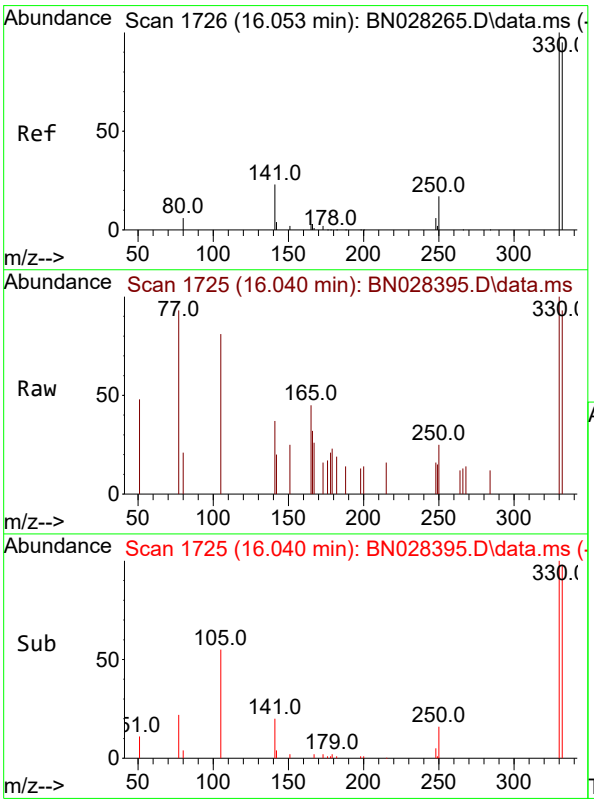
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 5721

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.1	121.7
160	46.1	36.6	54.8

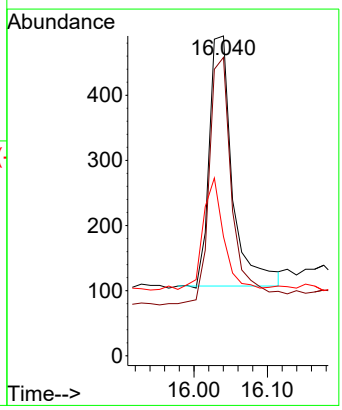


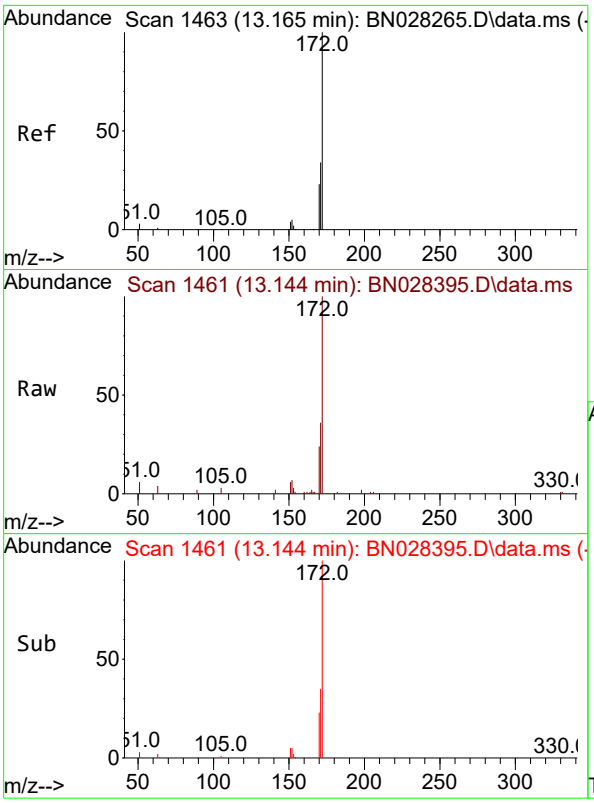


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:330 Resp: 842

Ion	Ratio	Lower	Upper
330	100		
332	100.6	74.1	111.1
141	39.5	32.1	48.1



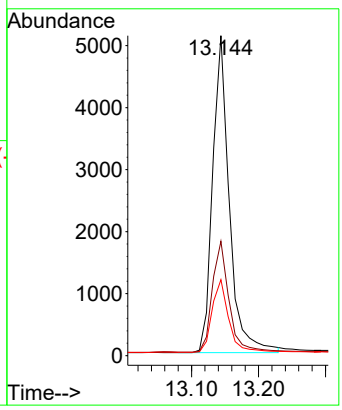


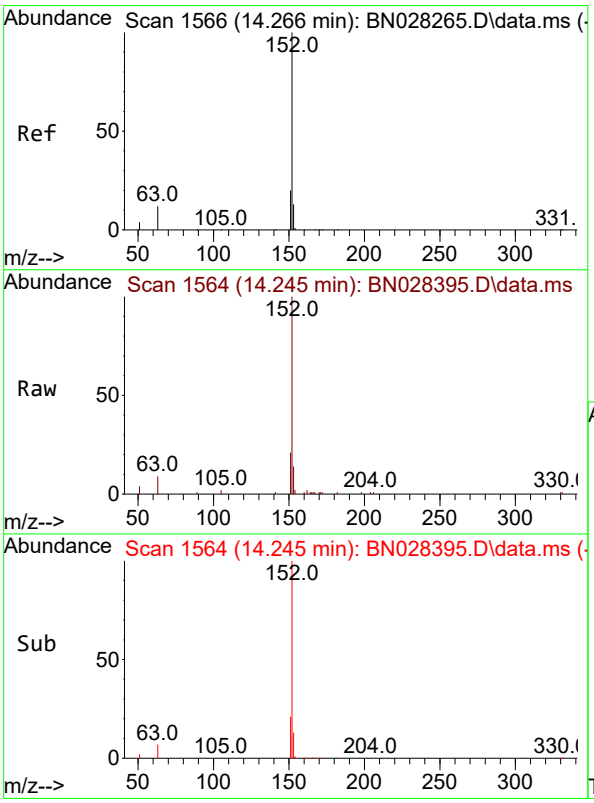
#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.144 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 8839

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.3	42.5
170	23.8	18.7	28.1

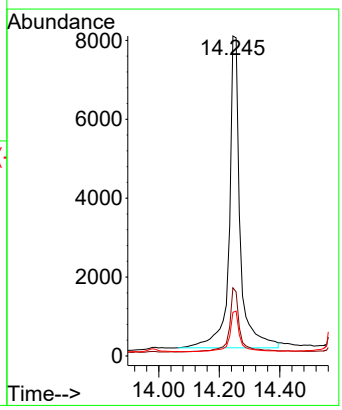


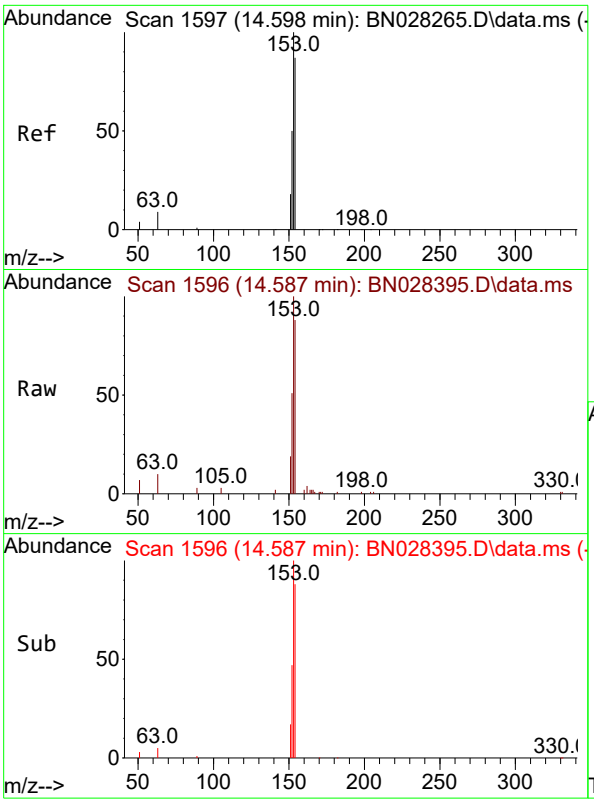


#16
Acenaphthylene
Concen: 0.779 ng
RT: 14.245 min Scan# 1564
Delta R.T. -0.011 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:152 Resp: 20016

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.4	10.6	16.0



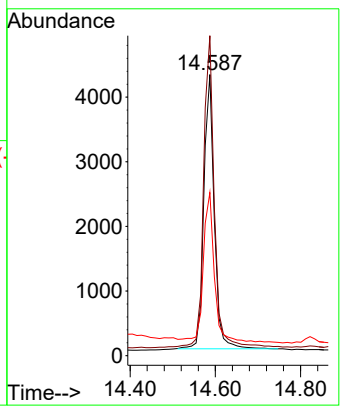


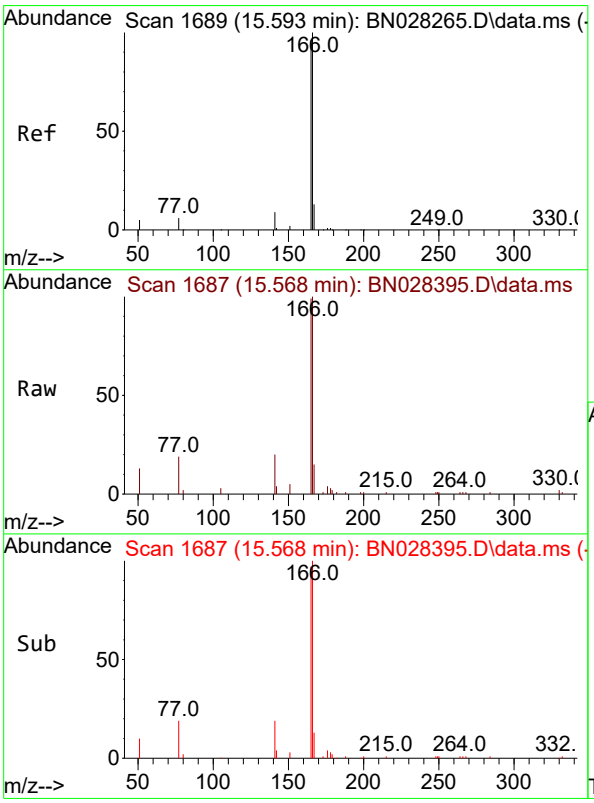
#17
Acenaphthene
Concen: 0.444 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 7189

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.7	136.1
152	58.4	43.6	65.4

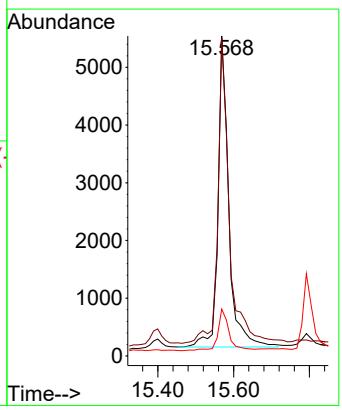


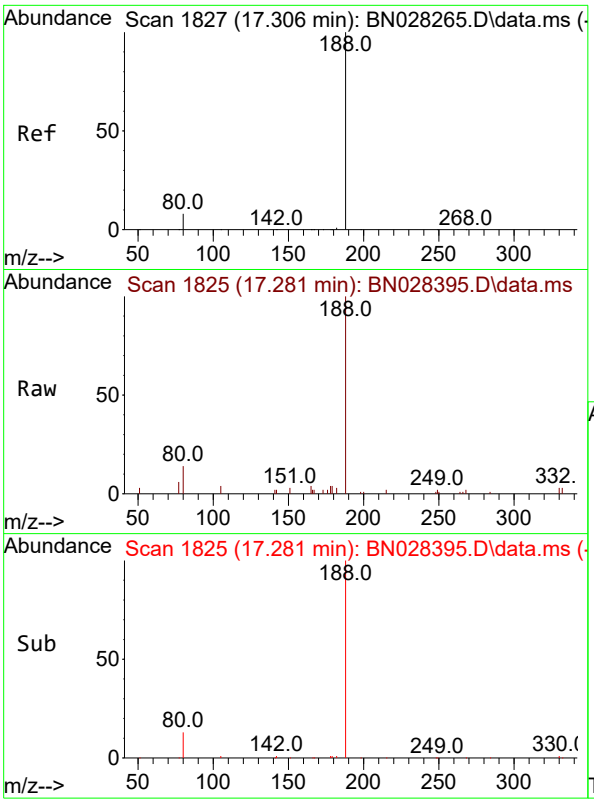


#18
Fluorene
Concen: 0.483 ng
RT: 15.568 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:166 Resp: 10300

Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.3	118.9
167	13.9	10.9	16.3



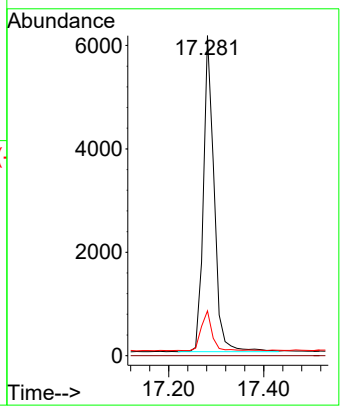


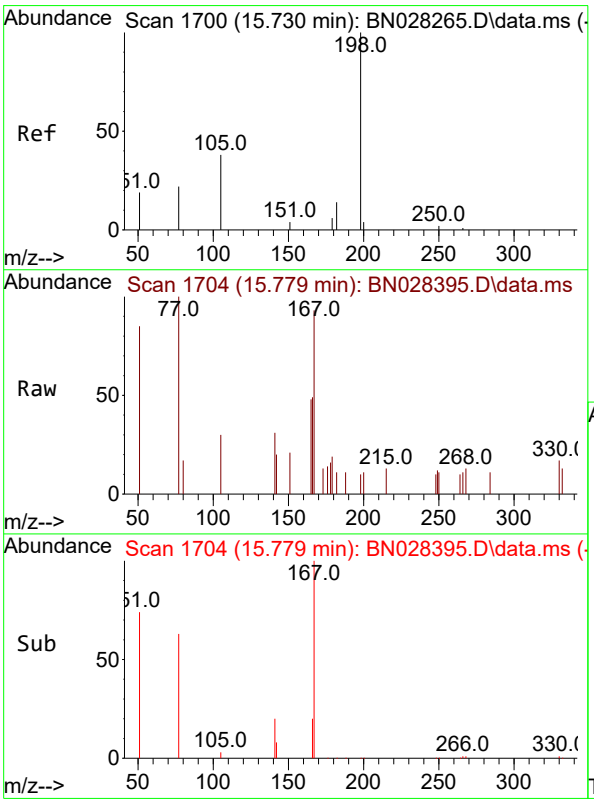
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 9644

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.1	10.7#

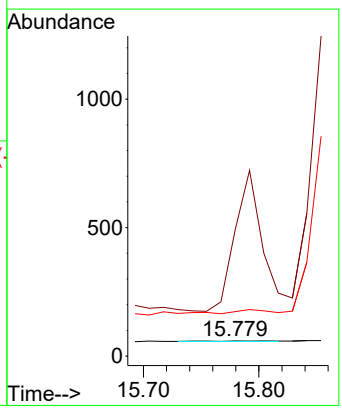


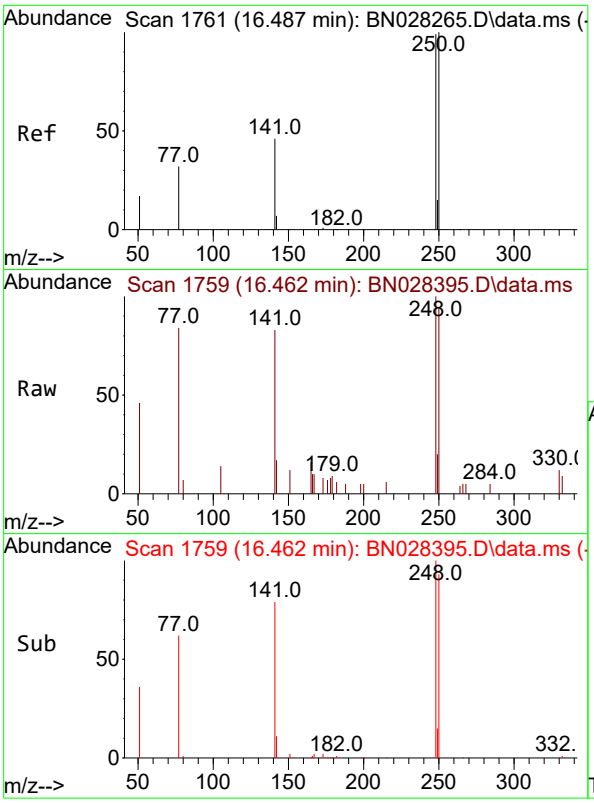


#20
4,6-Dinitro-2-methylphenol
Concen: 0.189 ng
RT: 15.779 min Scan# 1704
Delta R.T. -0.025 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	832.2	96.1	144.1#
105	293.2	75.4	113.0#



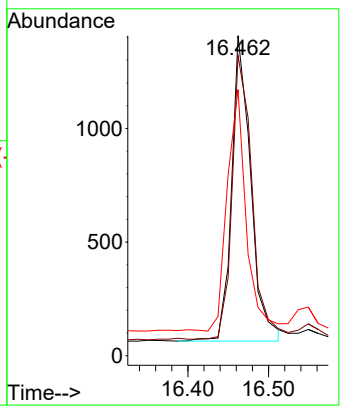


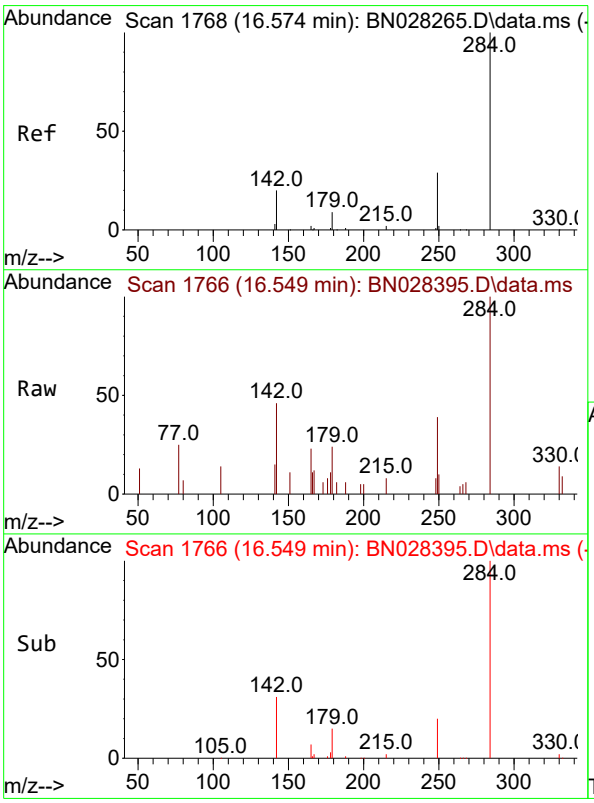
#21
4-Bromophenyl-phenylether
Concen: 0.447 ng
RT: 16.462 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 2220

Ion	Ratio	Lower	Upper
248	100		
250	93.8	80.5	120.7
141	83.2	38.9	58.3#

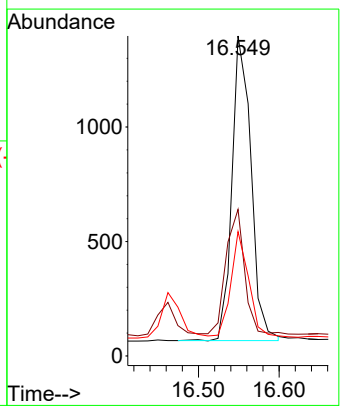


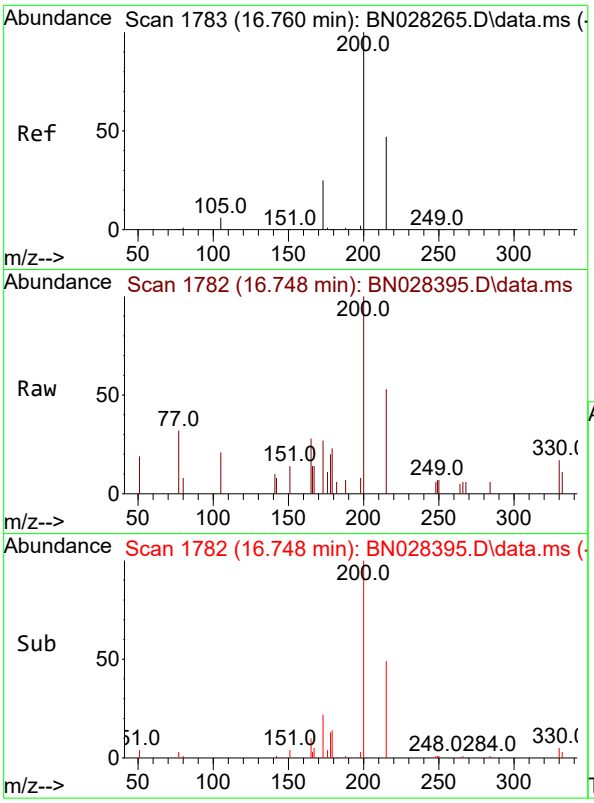


#22
Hexachlorobenzene
Concen: 0.425 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:284 Resp: 2172

Ion	Ratio	Lower	Upper
284	100		
142	39.1	32.1	48.1
249	31.3	25.5	38.3



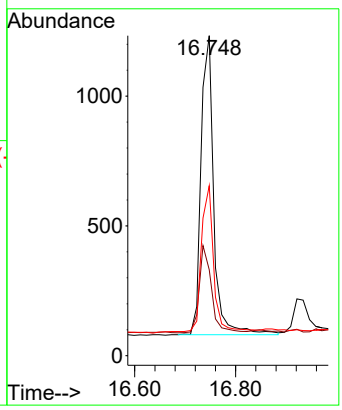


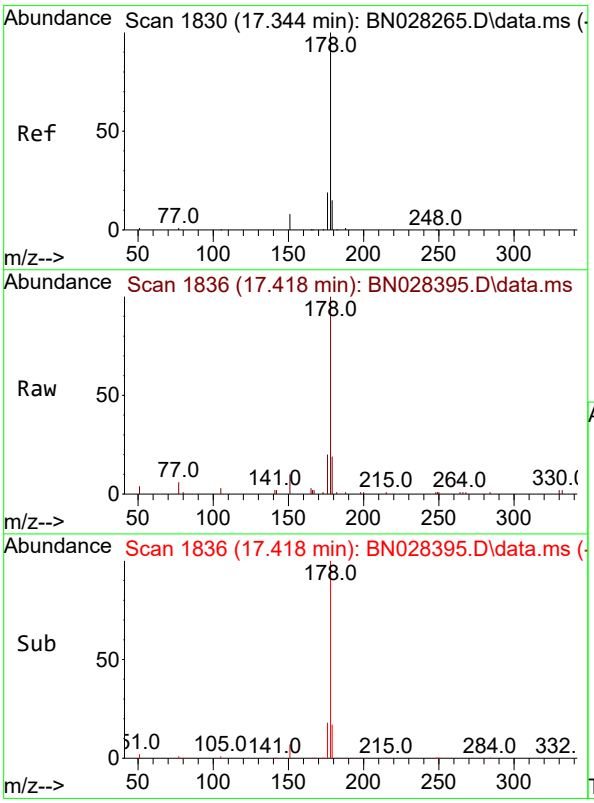
#23
Atrazine
Concen: 0.434 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2022

Ion	Ratio	Lower	Upper
200	100		
173	26.8	21.6	32.4
215	53.1	39.0	58.6

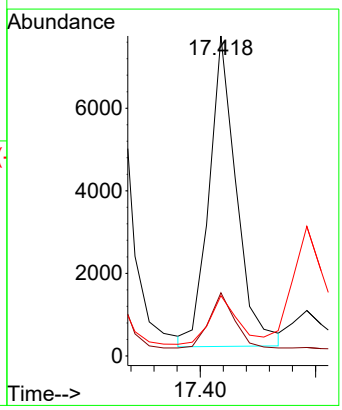


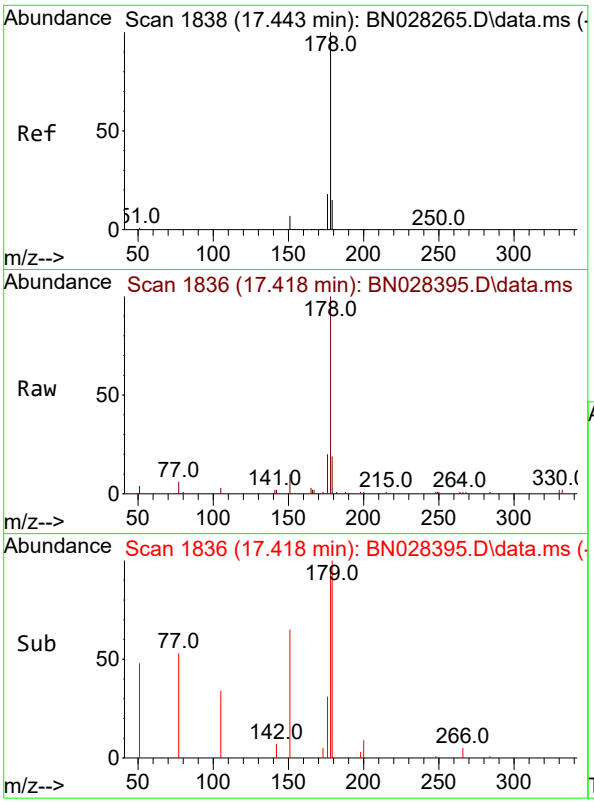


#25
Phenanthrene
Concen: 0.469 ng
RT: 17.418 min Scan# 1836
Delta R.T. 0.087 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:178 Resp: 12393

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	16.4	12.5	18.7



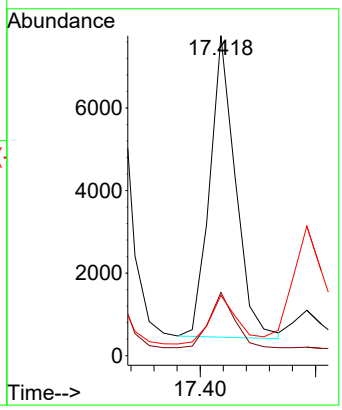


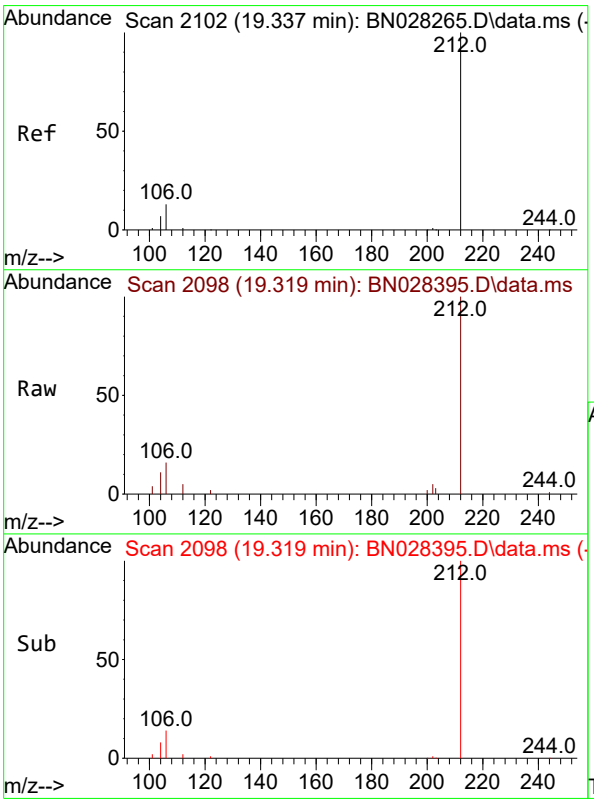
#26
Anthracene
Concen: 0.448 ng
RT: 17.418 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 11288

Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.6	22.0
179	17.9	12.2	18.4

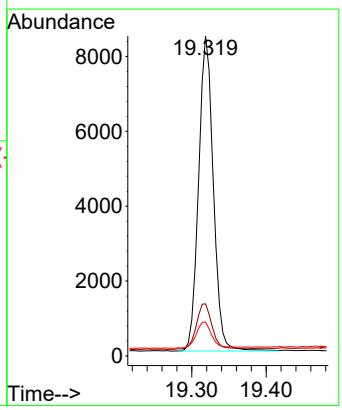


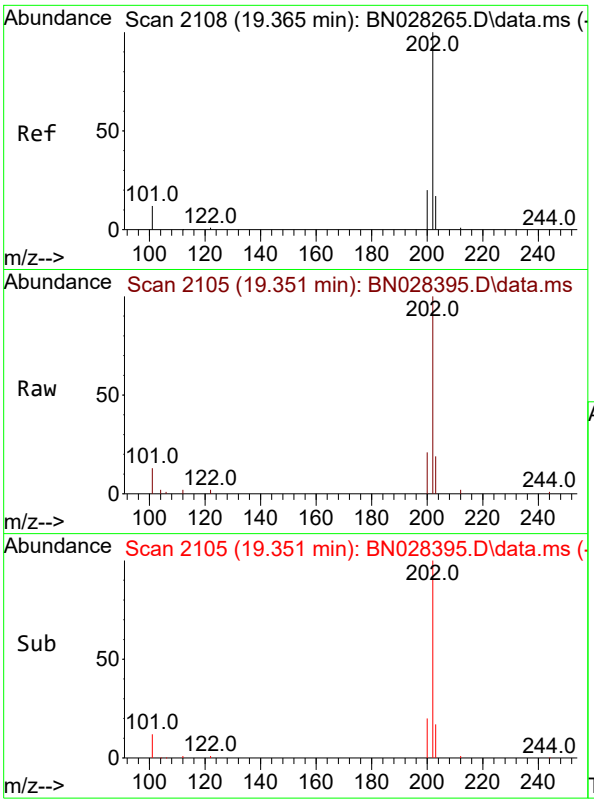


#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.319 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:212 Resp: 11585

Ion	Ratio	Lower	Upper
212	100		
106	15.6	11.5	17.3
104	9.0	6.7	10.1



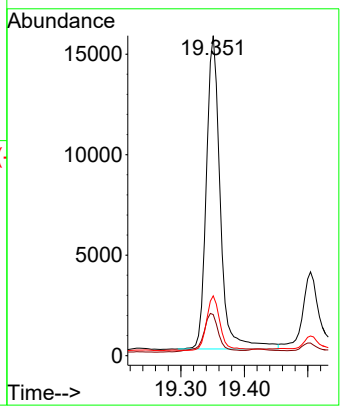


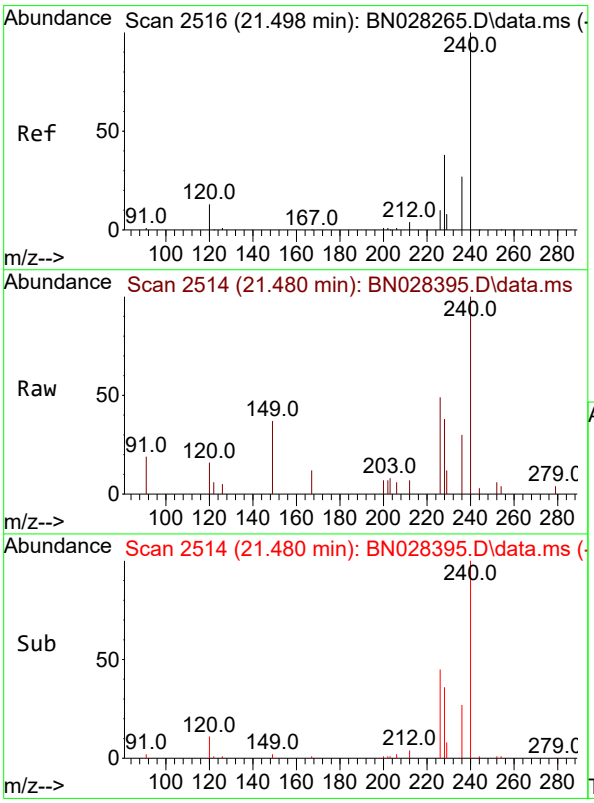
#28
Fluoranthene
Concen: 0.716 ng
RT: 19.351 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 23737

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.1	15.1
203	17.1	13.9	20.9

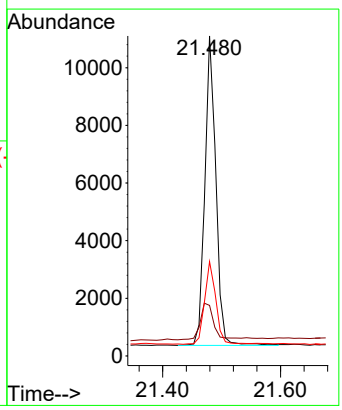


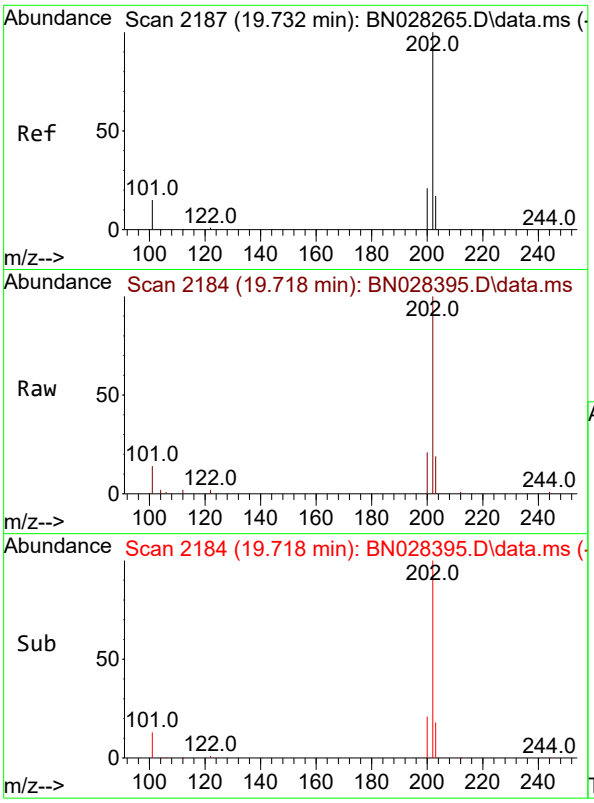


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:240 Resp: 13944

Ion	Ratio	Lower	Upper
240	100		
120	15.8	13.4	20.0
236	29.5	22.7	34.1



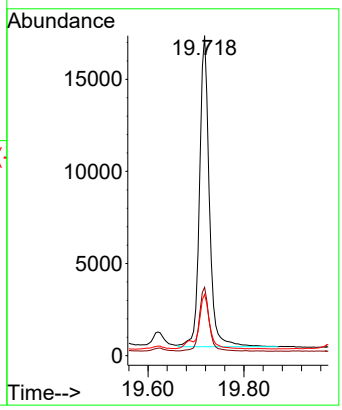


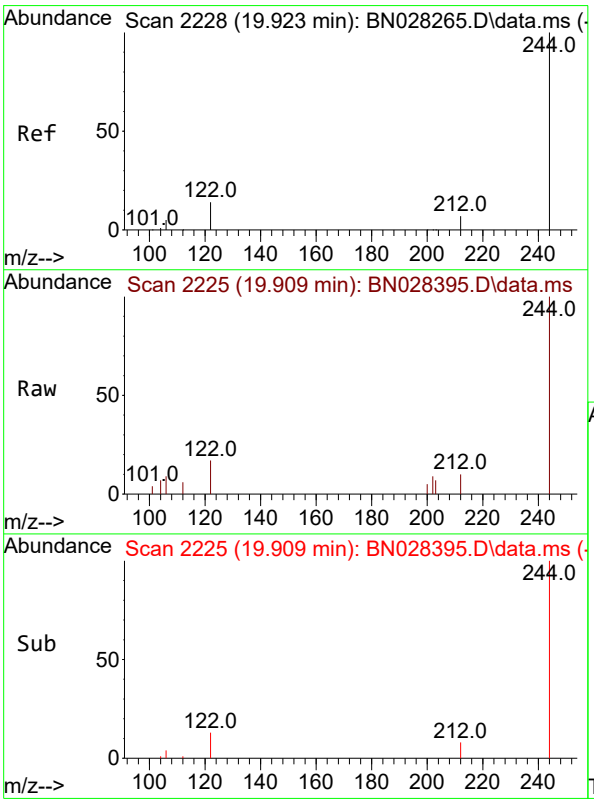
#30
Pyrene
Concen: 0.502 ng
RT: 19.718 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 23946

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.7	25.1
203	20.4	14.5	21.7

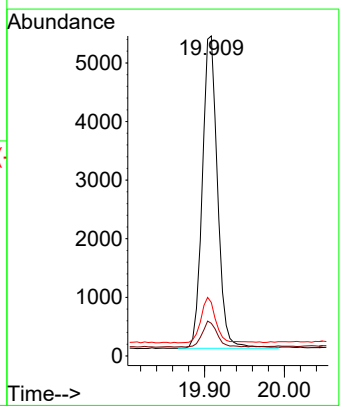


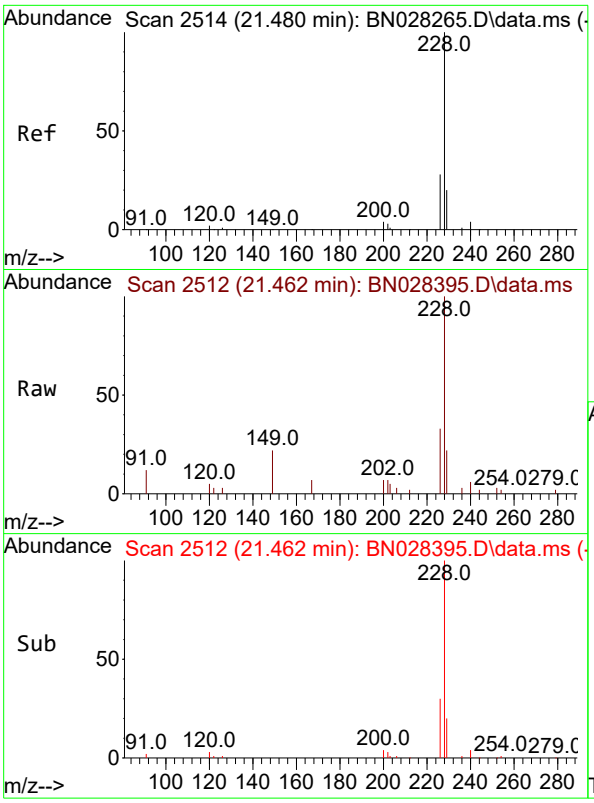


#31
Terphenyl-d14
Concen: 0.237 ng
RT: 19.909 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:244 Resp: 7029

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.6	10.0#
122	16.7	11.7	17.5



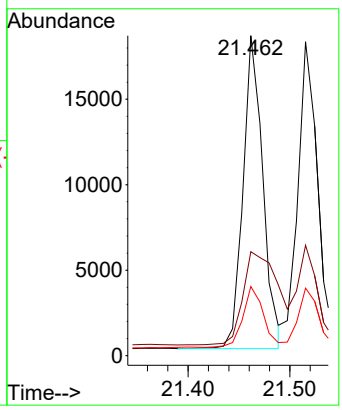


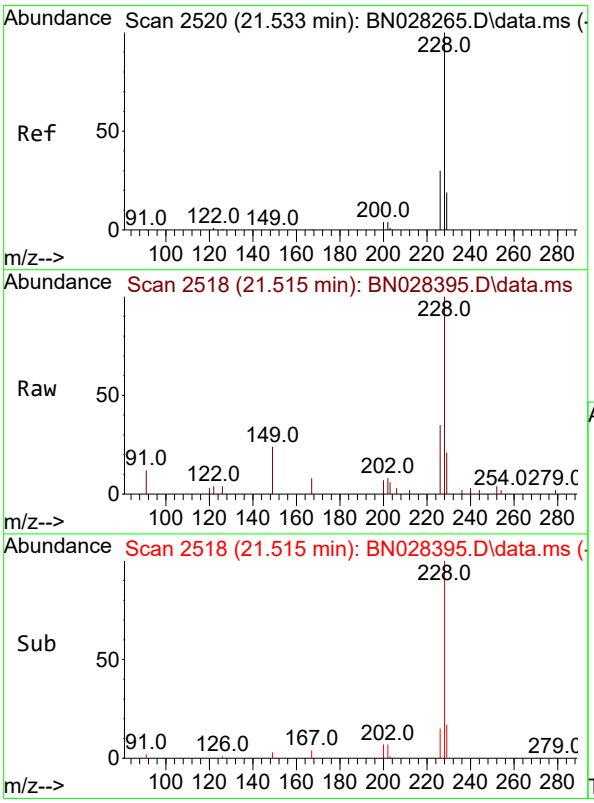
#32
Benzo(a)anthracene
Concen: 0.499 ng
RT: 21.462 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 24722

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.9	34.3
229	21.6	16.6	24.8

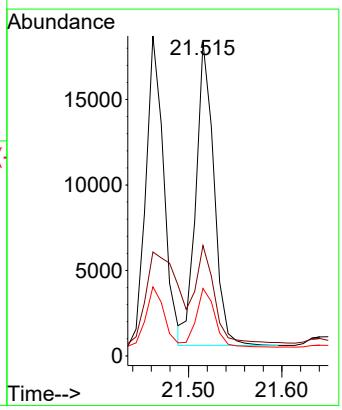


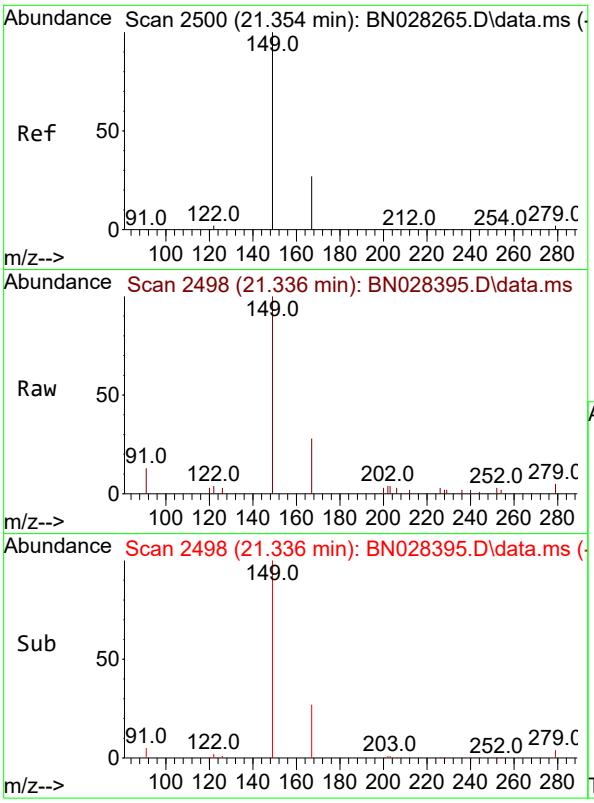


#33
Chrysene
Concen: 0.501 ng
RT: 21.515 min Scan# 2518
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:228 Resp: 23759

Ion	Ratio	Lower	Upper
228	100		
226	35.2	25.2	37.8
229	21.5	16.6	25.0



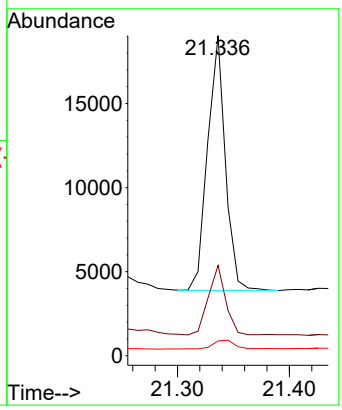


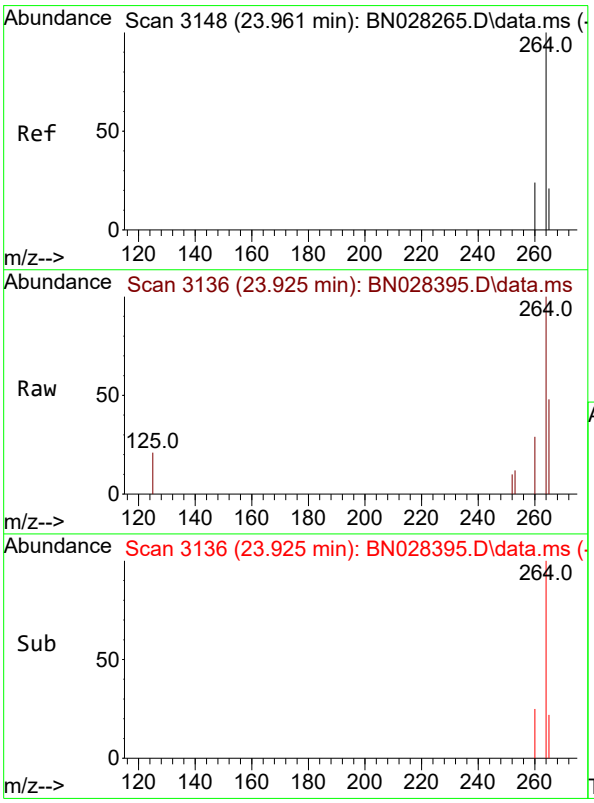
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.441 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 16706

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.6	34.0
279	4.3	4.2	6.2

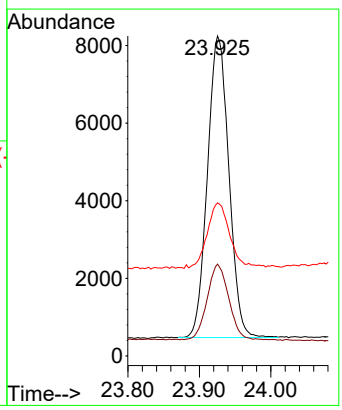


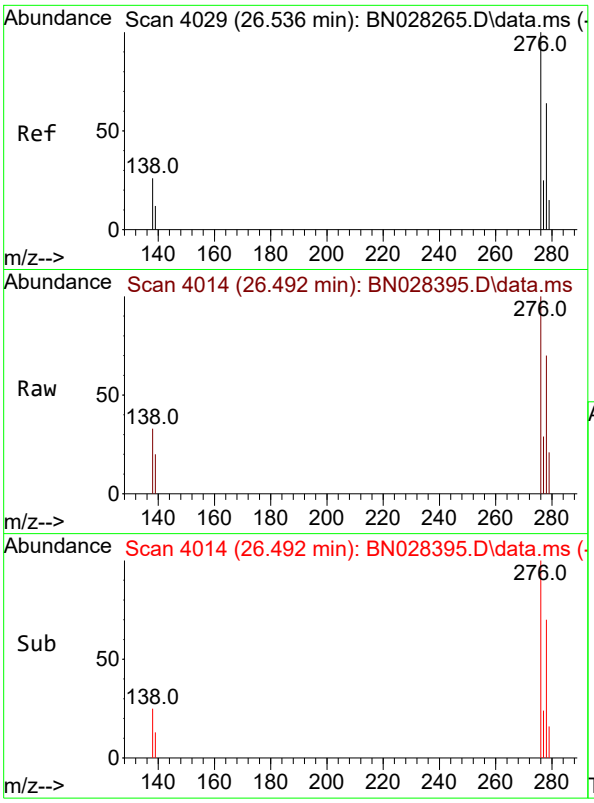


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.925 min Scan# 3136
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:264 Resp: 16194

Ion	Ratio	Lower	Upper
264	100		
260	28.7	20.7	31.1
265	47.9	38.3	57.5



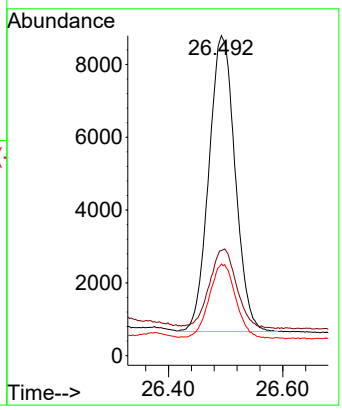


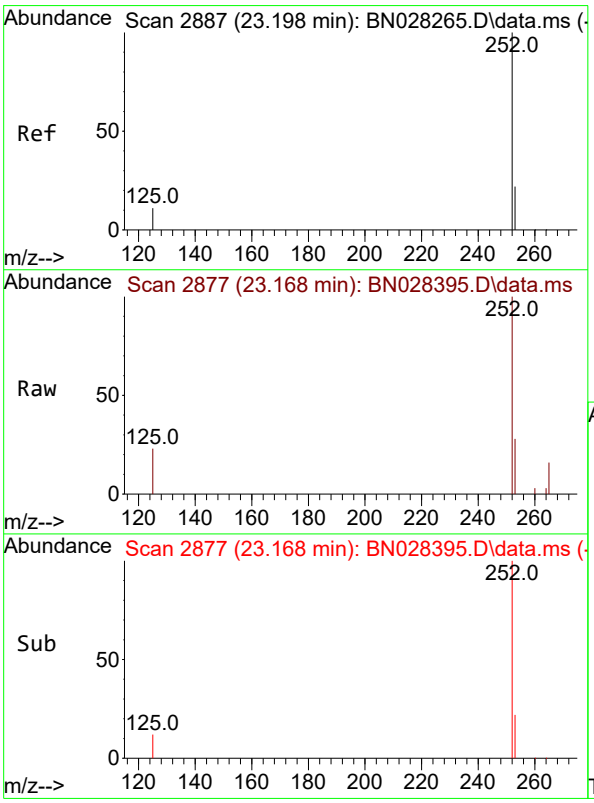
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.492 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 25901

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.3	31.9
277	25.0	20.0	30.0

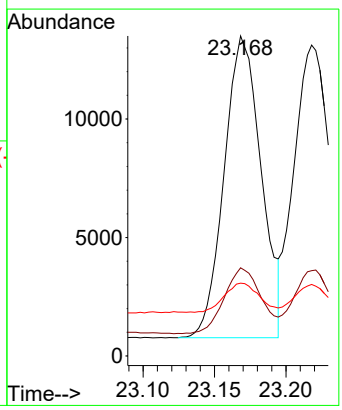


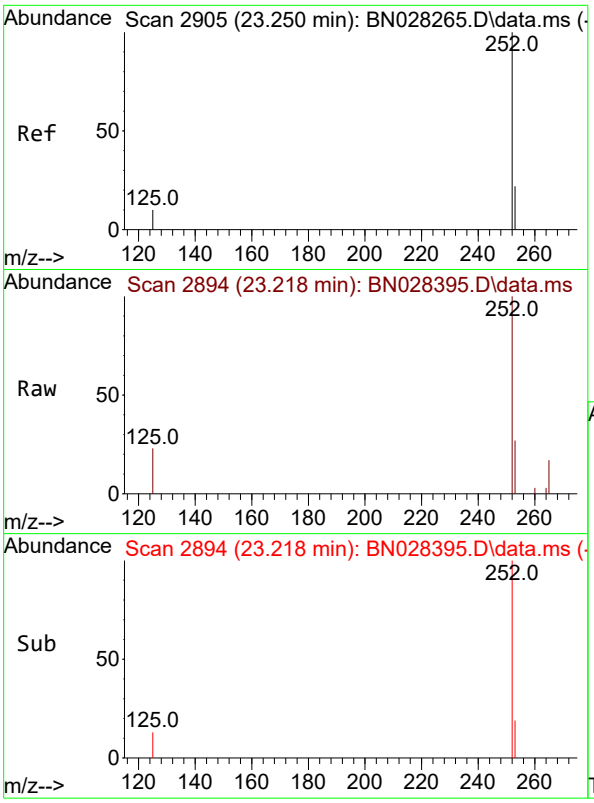


#37
Benzo(b)fluoranthene
Concen: 0.454 ng
RT: 23.168 min Scan# 2877
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:252 Resp: 22959

Ion	Ratio	Lower	Upper
252	100		
253	27.5	21.8	32.8
125	22.8	15.6	23.4



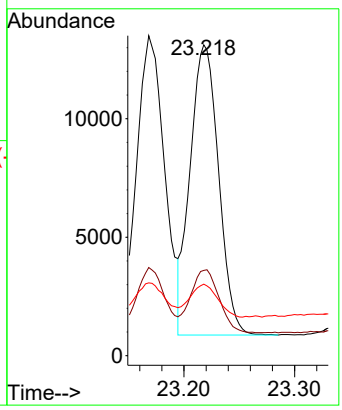


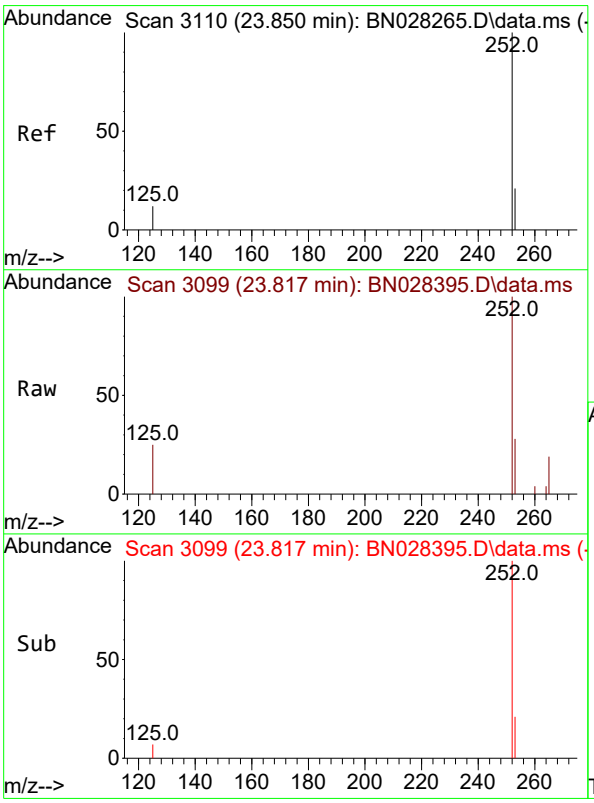
#38
Benzo(k)fluoranthene
Concen: 0.425 ng
RT: 23.218 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 21897

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.0	33.0
125	23.0	15.3	22.9#

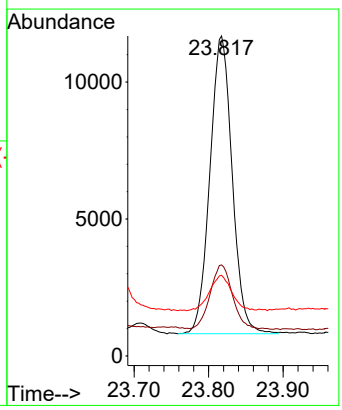


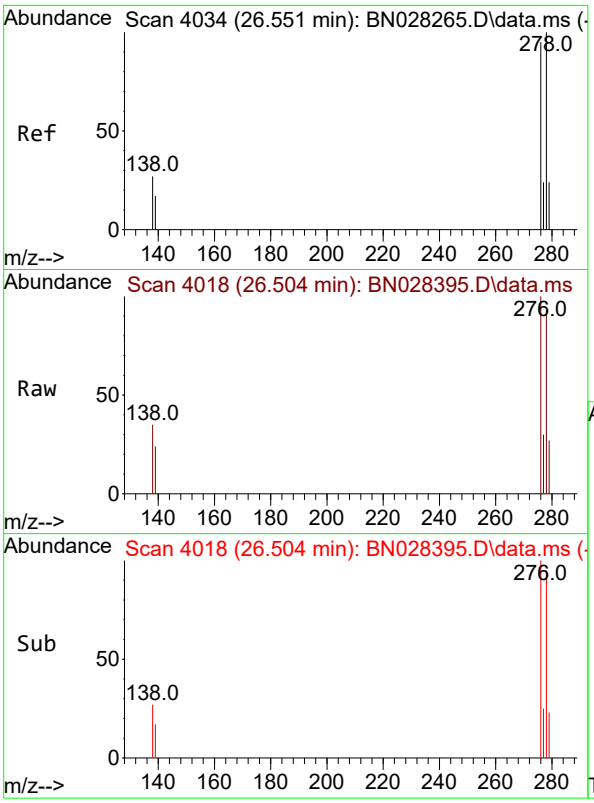


#39
Benzo(a)pyrene
Concen: 0.448 ng
RT: 23.817 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:252 Resp: 22575

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.7	34.1
125	25.2	17.0	25.6



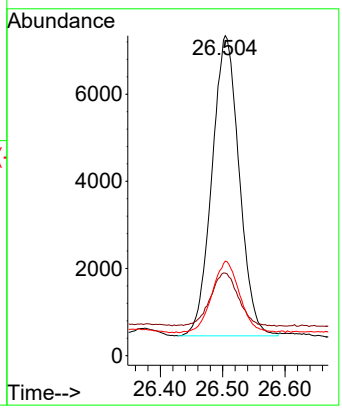


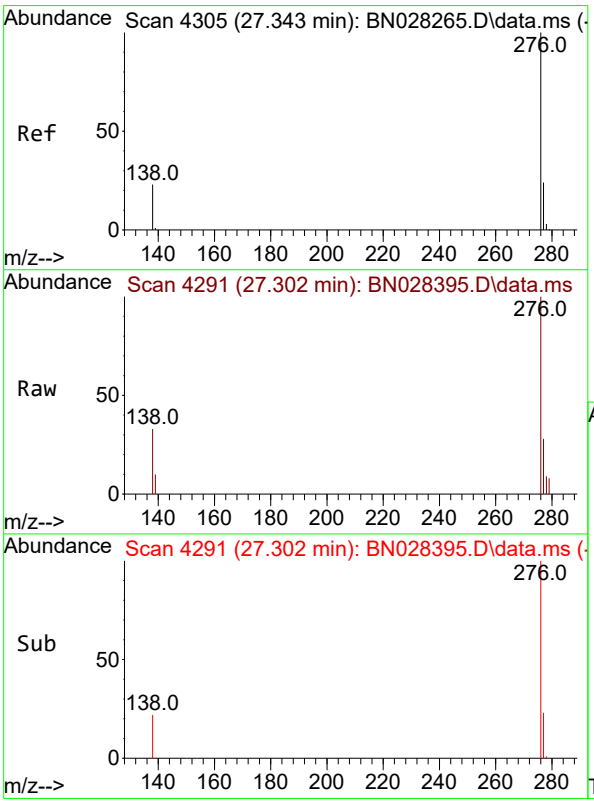
#40
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 26.504 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 20925

Ion	Ratio	Lower	Upper
278	100		
139	25.8	18.8	28.2
279	29.6	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.302 min Scan# 4291
Delta R.T. -0.003 min
Lab File: BN028395.D
Acq: 25 Oct 2023 04:26

Tgt Ion:276 Resp: 21788

Ion	Ratio	Lower	Upper
276	100		
277	28.5	21.7	32.5
138	32.8	21.7	32.5#