Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028382.D
Acq On : 24 Oct 2023 17:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 01:06:30 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	4955	0.400	ng		0.00
7) Naphthalene-d8	10.682	136	16812	0.400	ng		#-0.02
13) Acenaphthene-d10	14.523	164	8002	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	12796	0.400	ng		#-0.01
29) Chrysene-d12	21.479	240	10052	0.400	ng		# 0.00
35) Perylene-d12	23.934	264	11453	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.415	112	5126	0.333	ng		-0.01
5) Phenol-d6	7.040	99	6956	0.367	ng		-0.01
8) Nitrobenzene-d5	9.080	82	5697	0.382	ng		-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9431	0.373	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	1072	0.275	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	12428	0.441	ng		-0.02
27) Fluoranthene-d10	19.318	212	11919	0.348	ng		0.00
31) Terphenyl-d14	19.908	244	8959	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.292	88	1993	0.333	ng		98
3) n-Nitrosodimethylamine	3.653	42	2507	0.383	ng	#	96
6) bis(2-Chloroethyl)ether	7.315	93	5811	0.398	ng		99
9) Naphthalene	10.735	128	17338	0.398	ng		99
10) Hexachlorobutadiene	10.949	225	3006	0.402	ng	#	99
12) 2-Methylnaphthalene	12.347	142	11134	0.359	ng		98
16) Acenaphthylene	14.256	152	20659	0.575	ng		100
17) Acenaphthene	14.587	154	9560	0.422	ng		99
18) Fluorene	15.568	166	11906	0.399	ng		94
20) 4,6-Dinitro-2-methylph...	15.730	198	13	0.195	ng	#	1
21) 4-Bromophenyl-phenylether	16.462	248	3019	0.458	ng	#	77
22) Hexachlorobenzene	16.549	284	2927	0.431	ng		100
23) Atrazine	16.748	200	2569	0.416	ng		97
25) Phenanthrene	17.331	178	14806	0.423	ng		99
26) Anthracene	17.418	178	13905	0.416	ng		100
28) Fluoranthene	19.504	202	2101	0.048	ng		97
30) Pyrene	19.718	202	15574	0.453	ng		98
32) Benzo(a)anthracene	21.471	228	14611	0.409	ng		94
33) Chrysene	21.524	228	13987	0.409	ng		95
34) Bis(2-ethylhexyl)phtha...	21.336	149	10817	0.397	ng		96
36) Indeno(1,2,3-cd)pyrene	26.498	276	17203	0.373	ng		100
37) Benzo(b)fluoranthene	23.174	252	14115	0.394	ng	#	89
38) Benzo(k)fluoranthene	23.224	252	14501	0.398	ng	#	90
39) Benzo(a)pyrene	23.823	252	14707	0.413	ng	#	86
40) Dibenzo(a,h)anthracene	26.510	278	14123	0.377	ng		93
41) Benzo(g,h,i)perylene	27.296	276	14518	0.375	ng		94

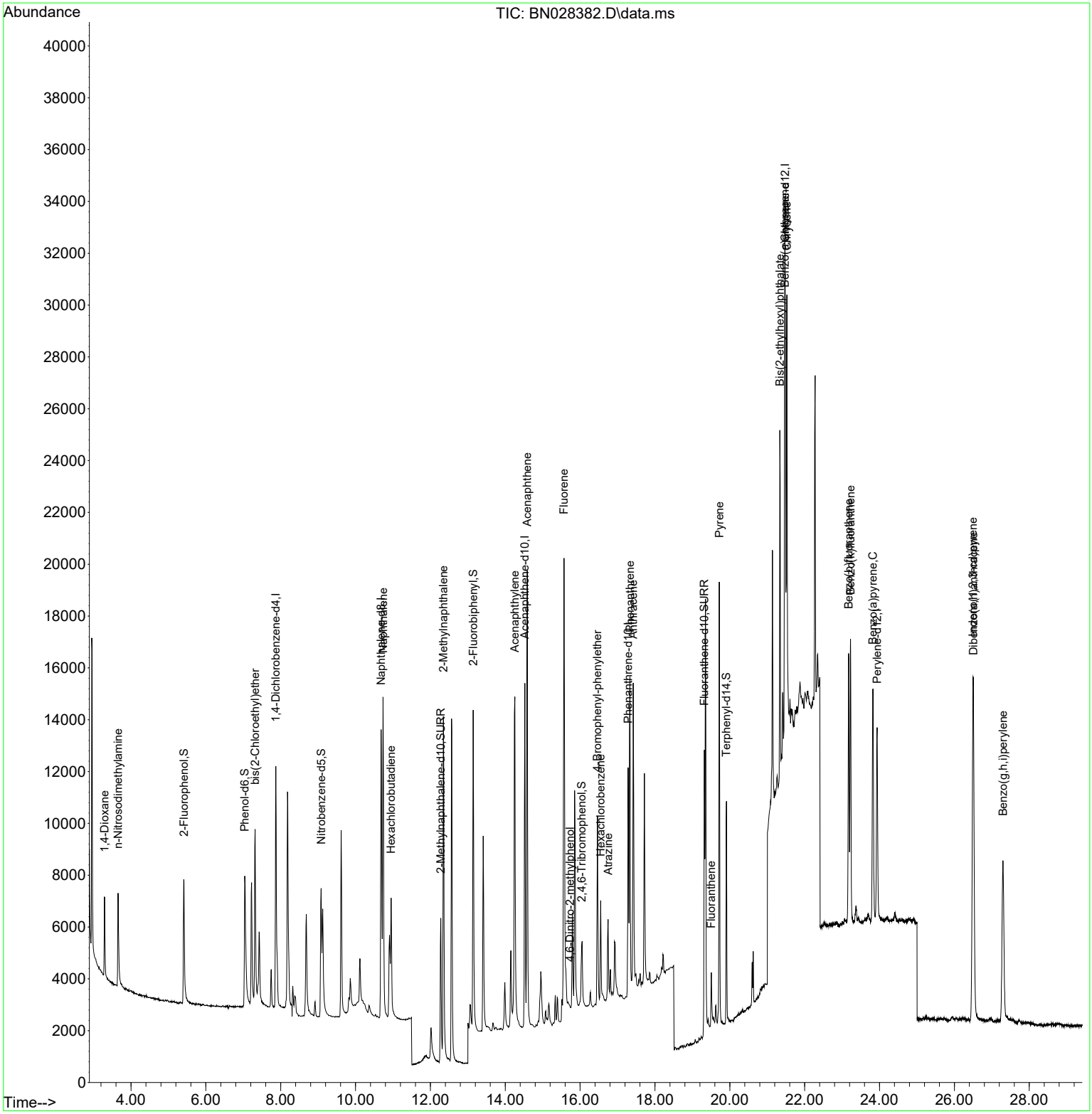
(#) = qualifier out of range (m) = manual integration (+) = signals summed

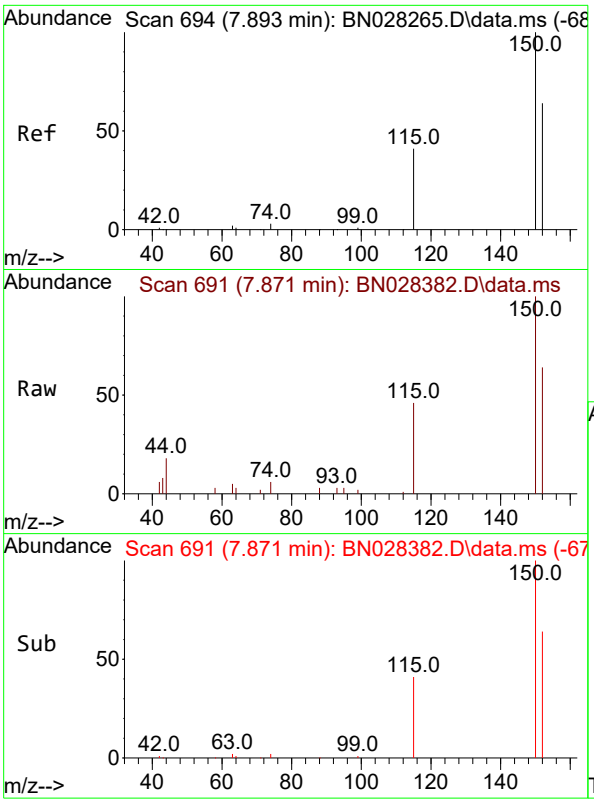
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028382.D
Acq On : 24 Oct 2023 17:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 25 01:06:30 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



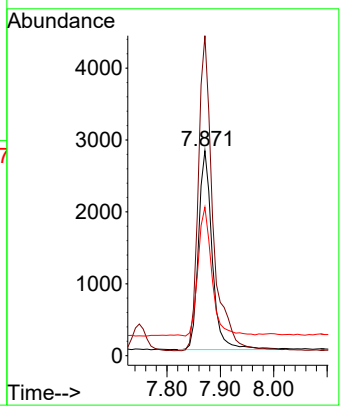


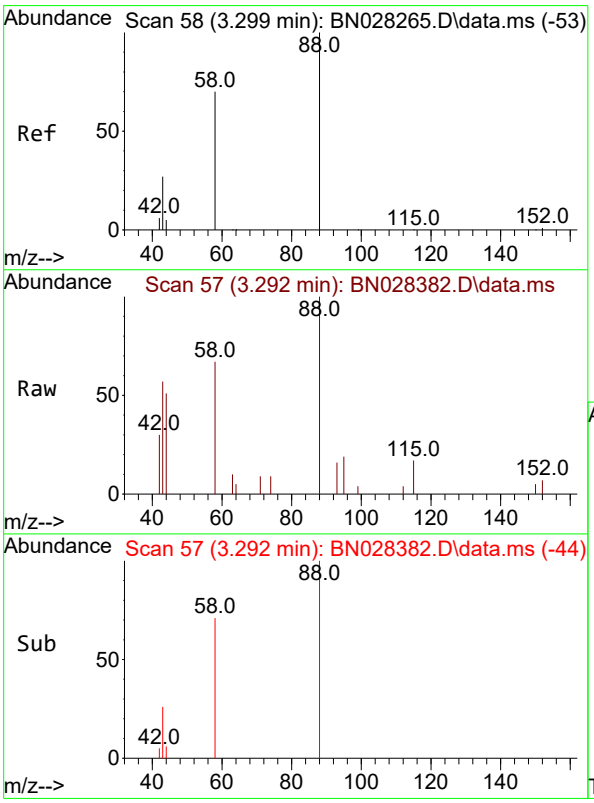
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.871 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4955

Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.6	182.4
115	72.5	54.3	81.5

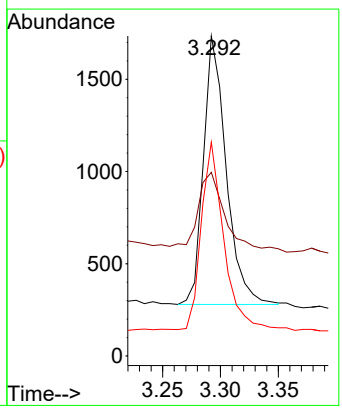


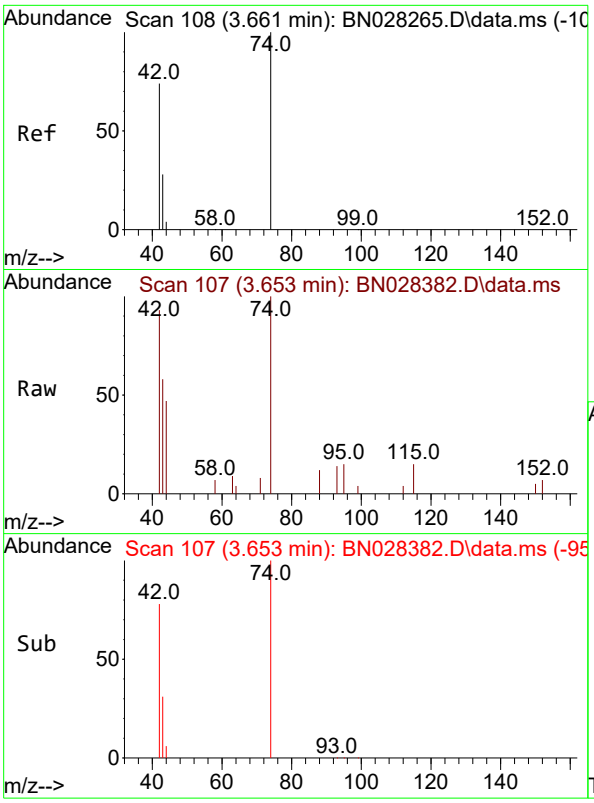


#2
1,4-Dioxane
Concen: 0.333 ng
RT: 3.292 min Scan# 57
Delta R.T. -0.007 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion: 88 Resp: 1993

Ion	Ratio	Lower	Upper
88	100		
43	31.8	26.6	39.8
58	68.3	55.4	83.0



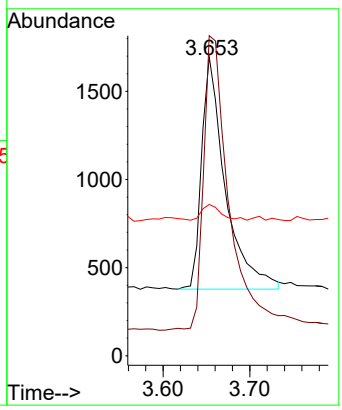


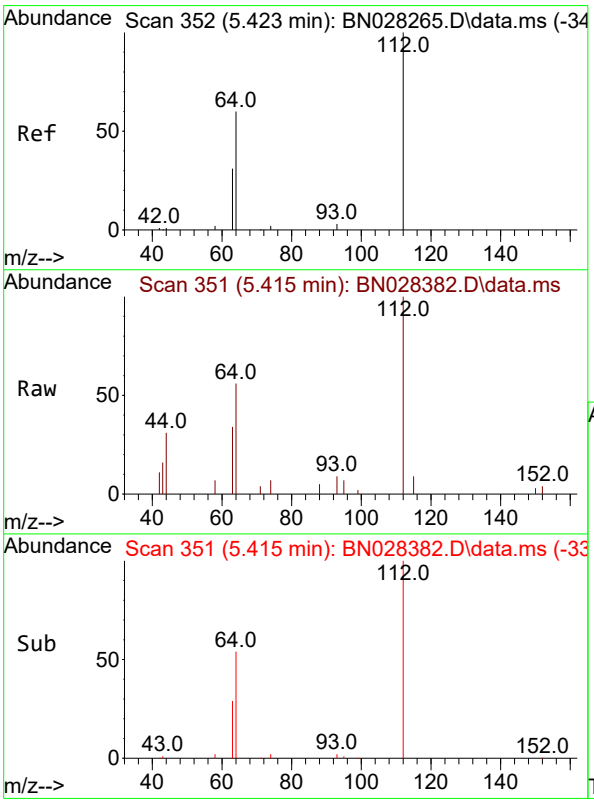
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.653 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2507

Ion	Ratio	Lower	Upper
42	100		
74	136.0	112.6	168.8
44	5.4	7.8	11.6#

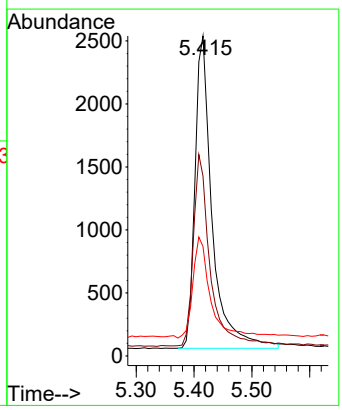


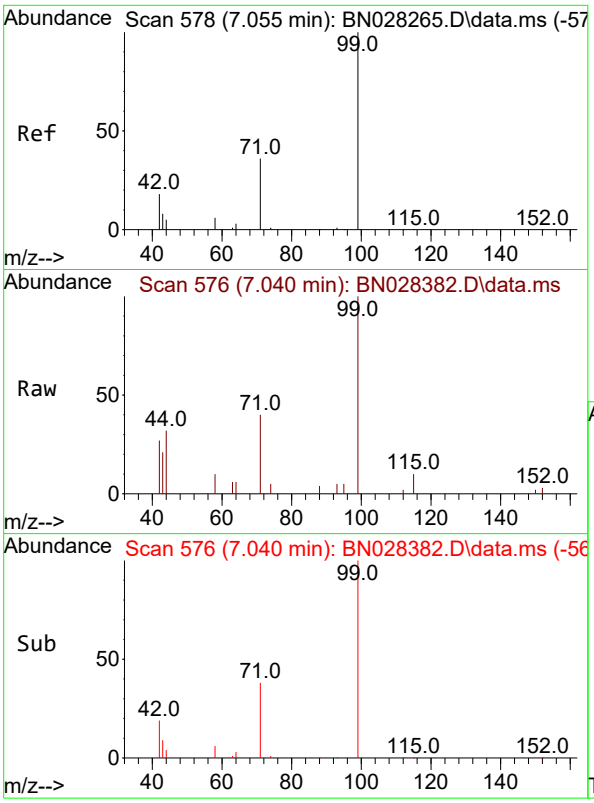


#4
2-Fluorophenol
Concen: 0.333 ng
RT: 5.415 min Scan# 351
Delta R.T. -0.014 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:112 Resp: 5126

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.9	70.3
63	34.1	25.0	37.4



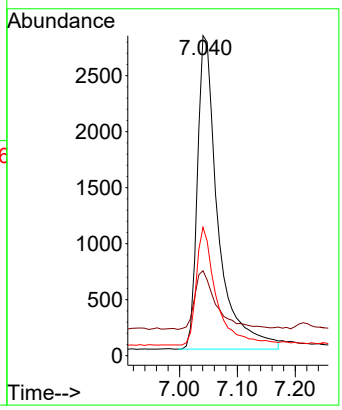


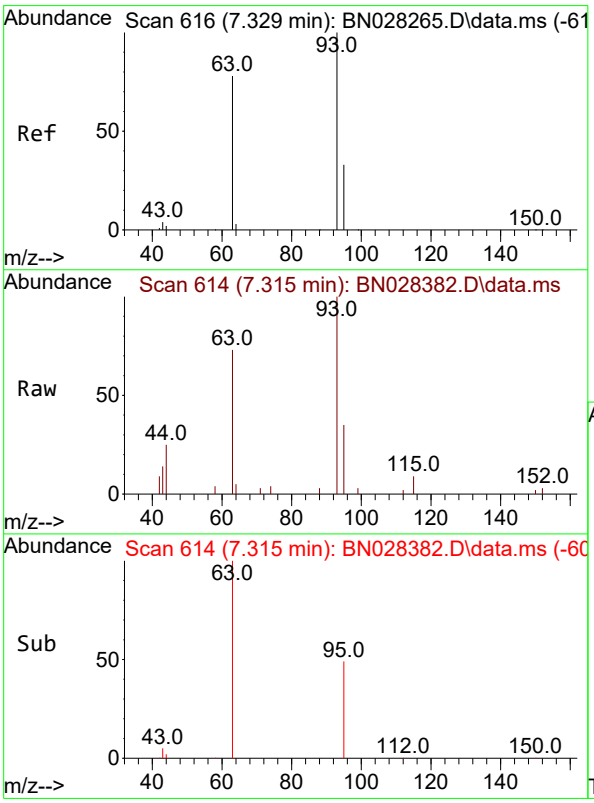
#5
Phenol-d6
Concen: 0.367 ng
RT: 7.040 min Scan# 5
Delta R.T. -0.014 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6956

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.9	23.9
71	36.7	28.6	42.8

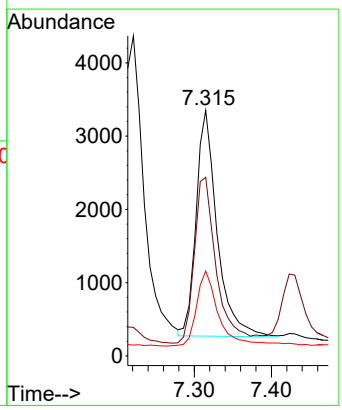


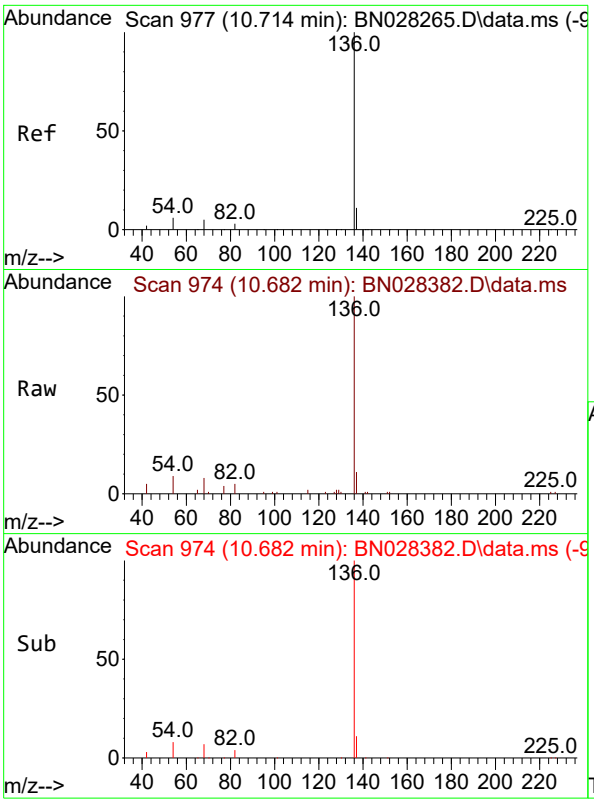


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.007 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion: 93 Resp: 5811

Ion	Ratio	Lower	Upper
93	100		
63	78.2	62.6	93.8
95	36.3	27.2	40.8



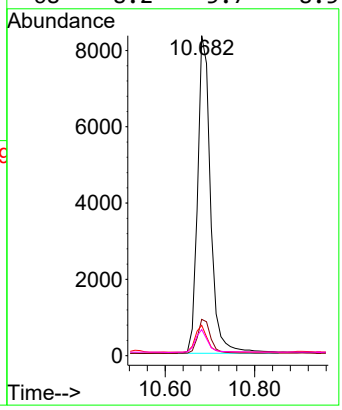


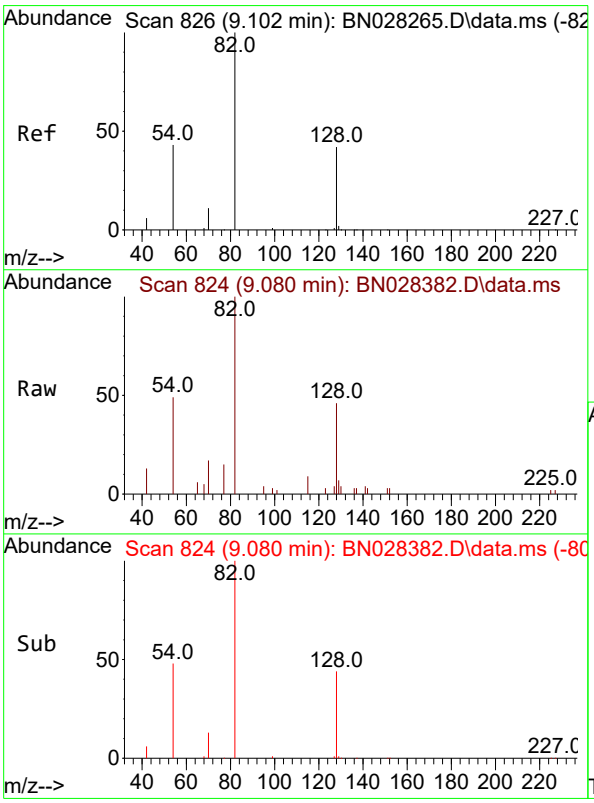
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.682 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16812

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.8
54	9.5	6.2	9.4#
68	8.2	5.7	8.5

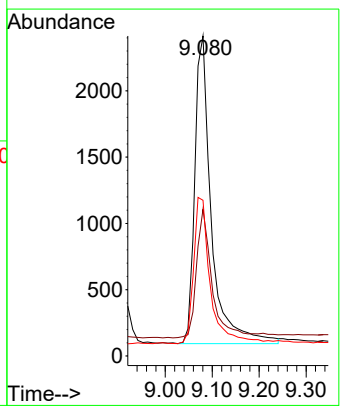


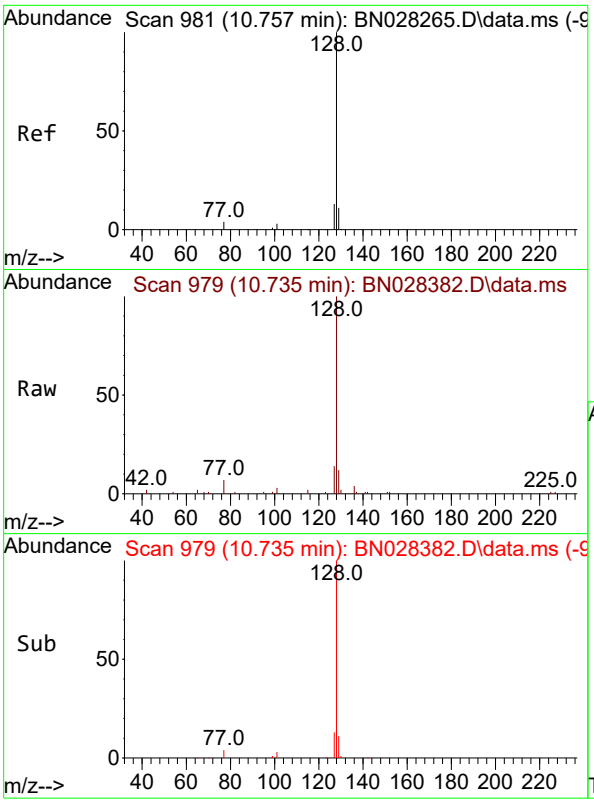


#8
Nitrobenzene-d5
Concen: 0.382 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion: 82 Resp: 5697

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.8	55.2
54	48.7	37.4	56.2



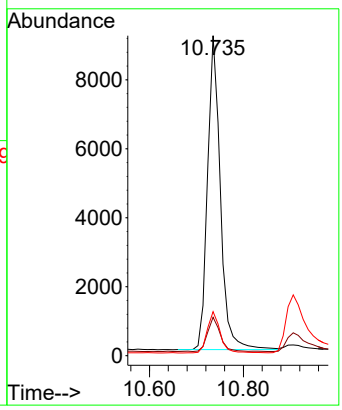


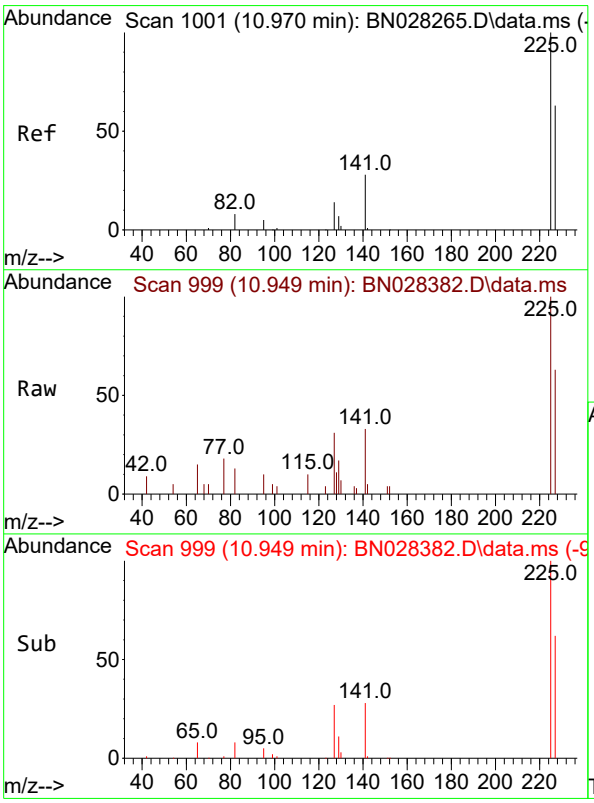
#9
Naphthalene
Concen: 0.398 ng
RT: 10.735 min Scan# 9
Delta R.T. -0.021 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 17338

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.8	14.6
127	13.7	11.4	17.0

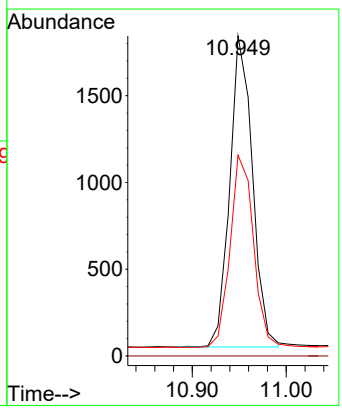


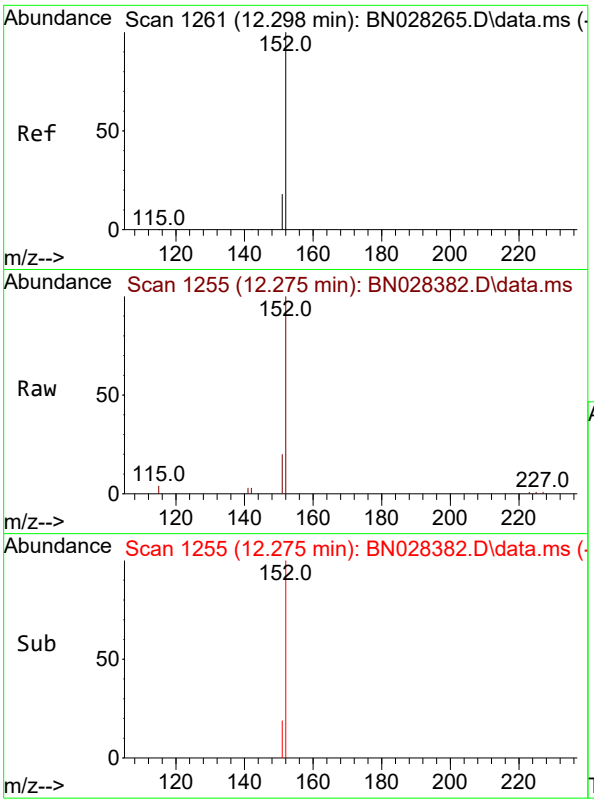


#10
Hexachlorobutadiene
Concen: 0.402 ng
RT: 10.949 min Scan# 999
Delta R.T. -0.011 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:225 Resp: 3006

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.6	77.4



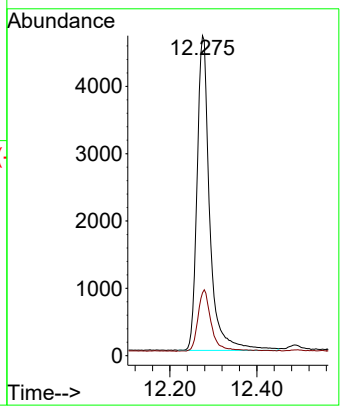


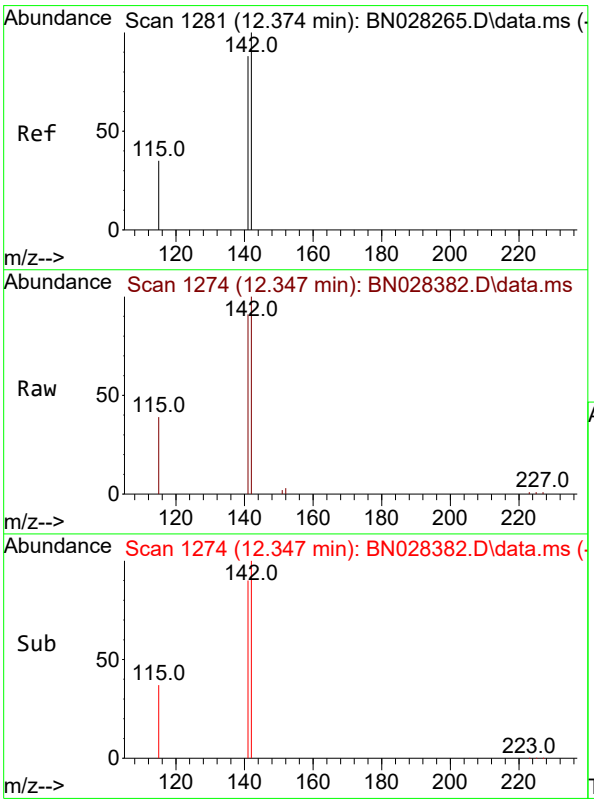
#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 12.275 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9431

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1

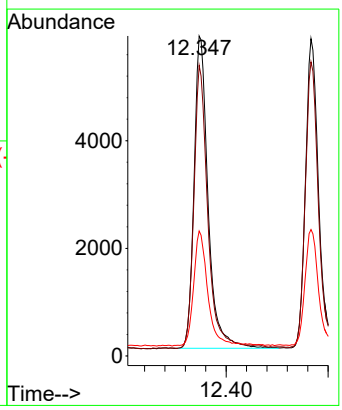


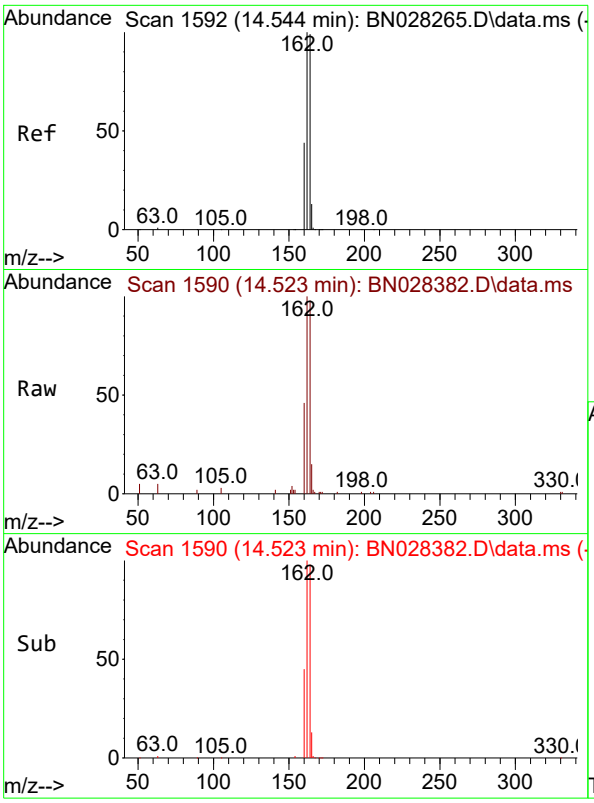


#12
2-Methylnaphthalene
Concen: 0.359 ng
RT: 12.347 min Scan# 1274
Delta R.T. -0.023 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:142 Resp: 11134

Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.1	106.7
115	39.1	29.9	44.9



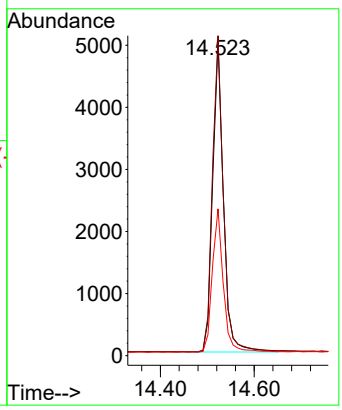


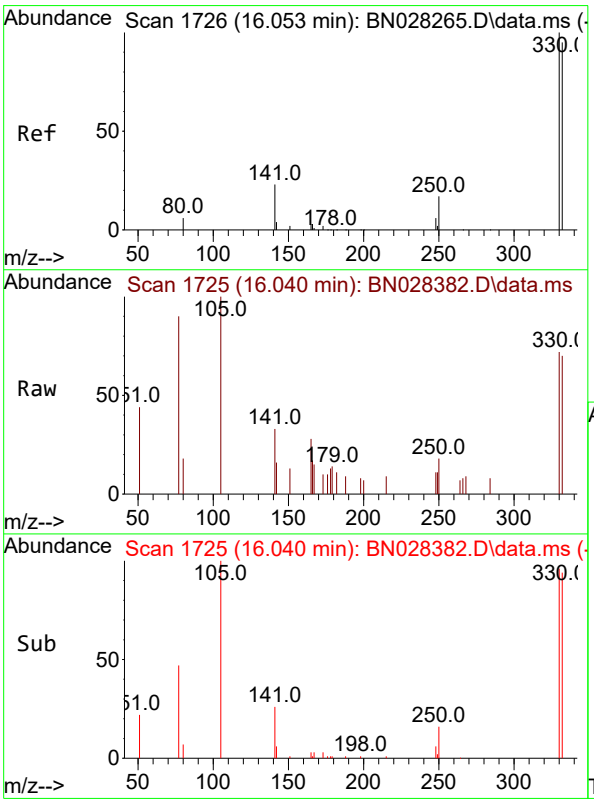
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8002

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.1	121.7
160	46.8	36.6	54.8

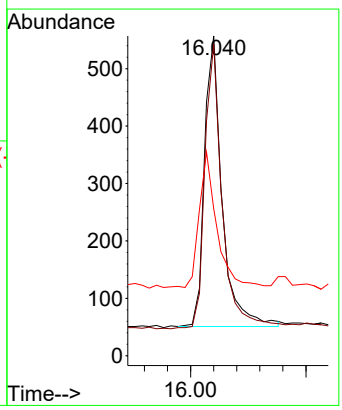


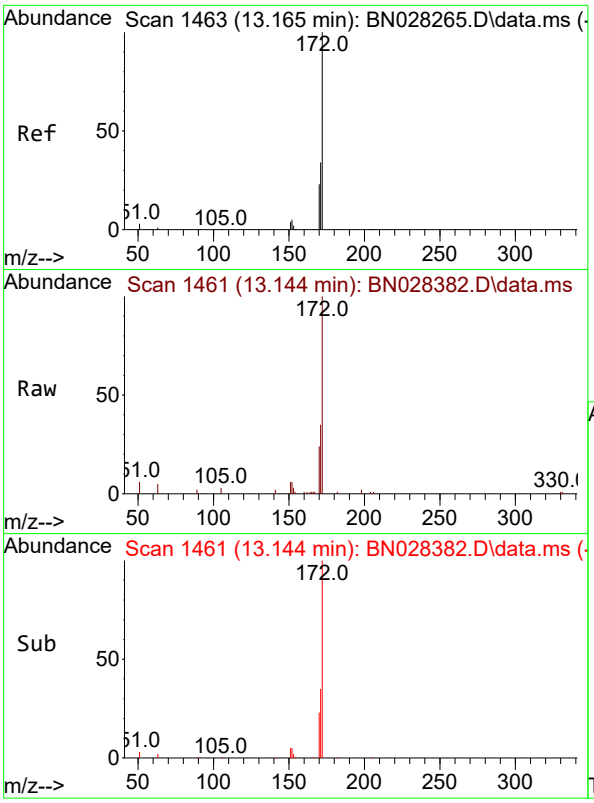


#14
2,4,6-Tribromophenol
Concen: 0.275 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:330 Resp: 1072

Ion	Ratio	Lower	Upper
330	100		
332	95.1	74.1	111.1
141	46.3	32.1	48.1



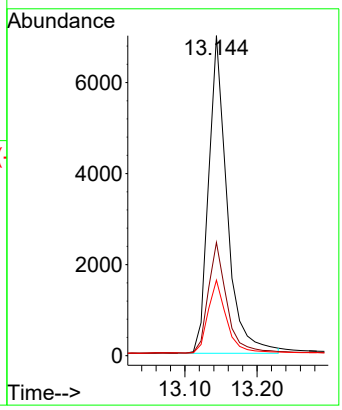


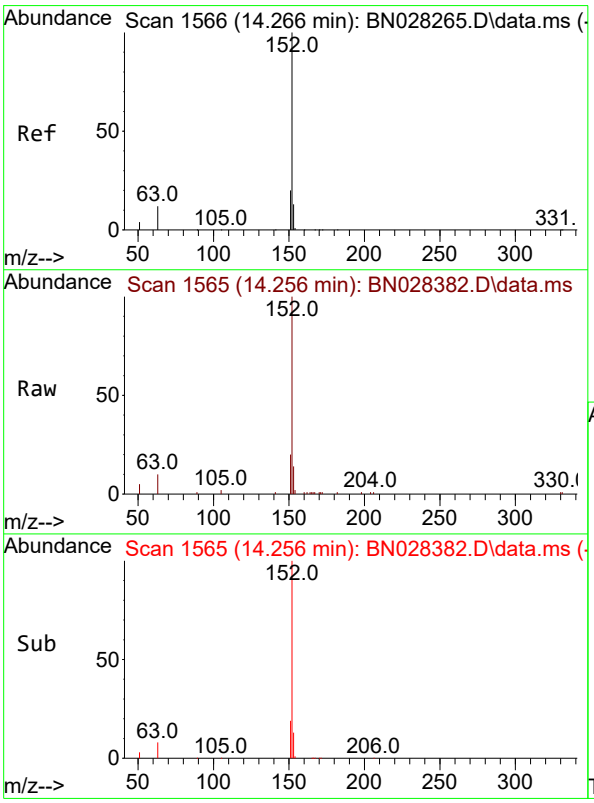
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.144 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12428

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	18.7	28.1

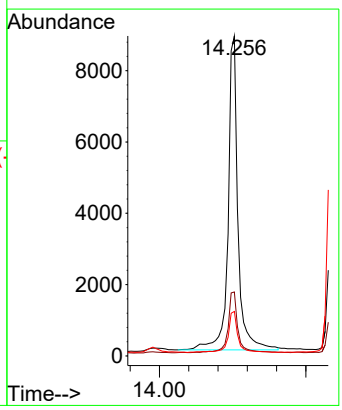


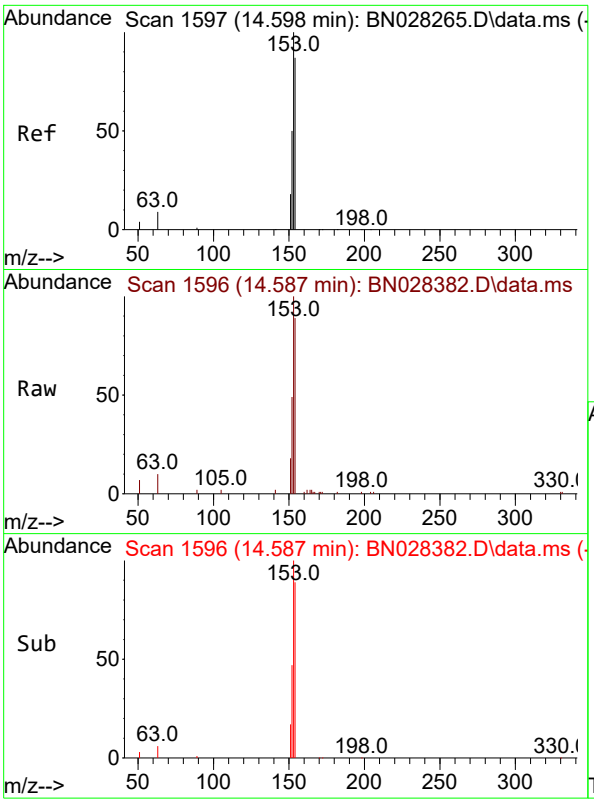


#16
Acenaphthylene
Concen: 0.575 ng
RT: 14.256 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:152 Resp: 20659

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.9	10.6	16.0



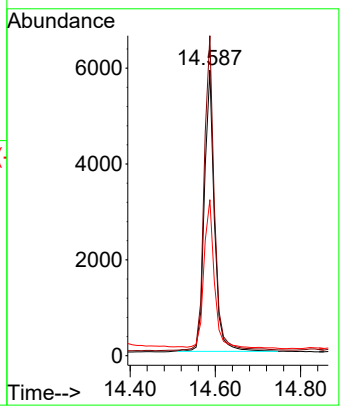


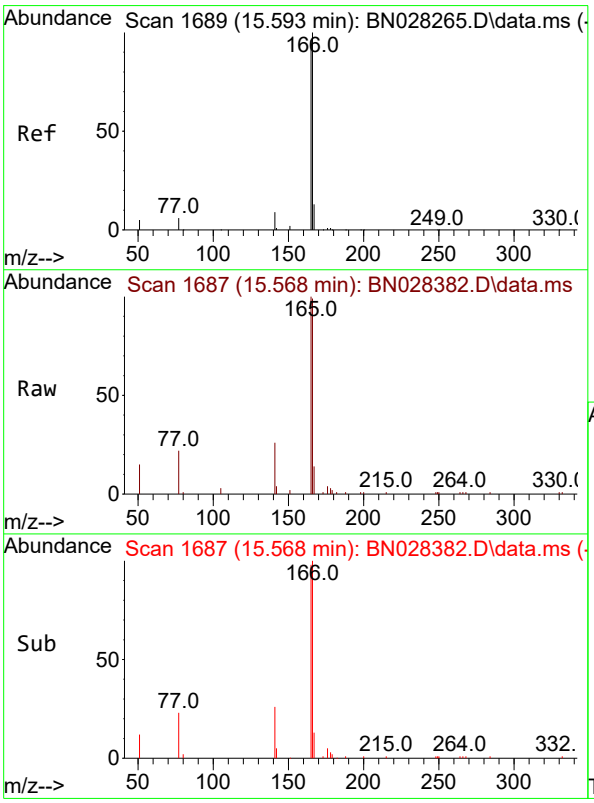
#17
Acenaphthene
Concen: 0.422 ng
RT: 14.587 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9560

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.7	136.1
152	55.4	43.6	65.4

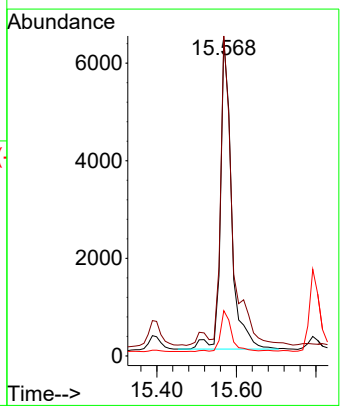


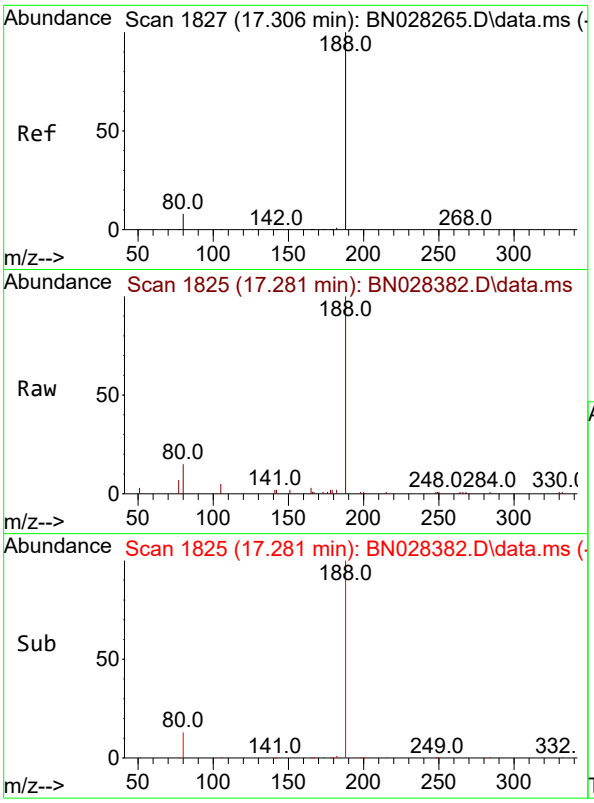


#18
Fluorene
Concen: 0.399 ng
RT: 15.568 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:166 Resp: 11906

Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.3	118.9
167	13.2	10.9	16.3



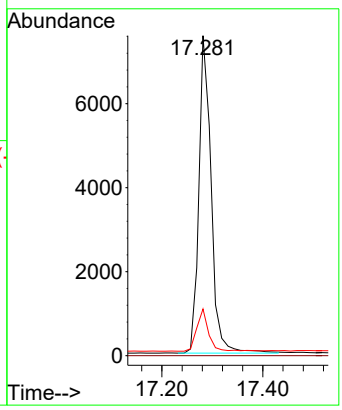


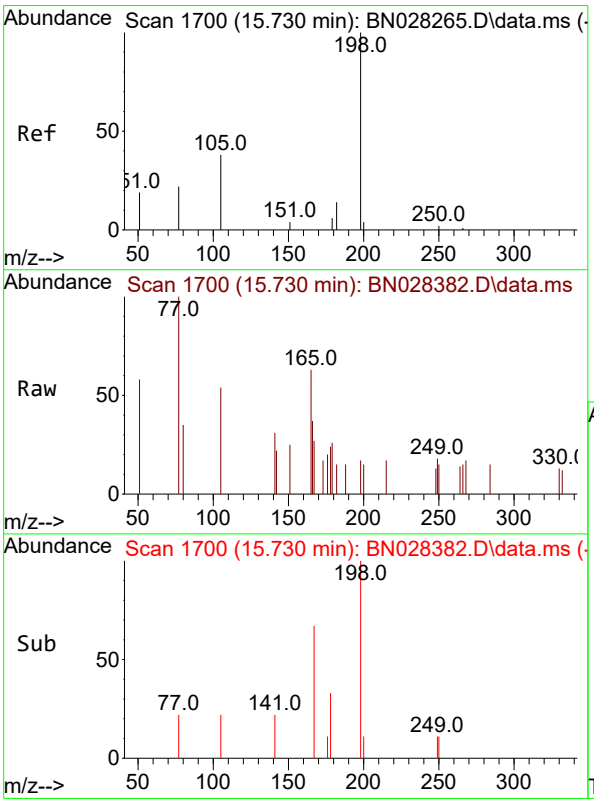
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 12796

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	7.1	10.7#

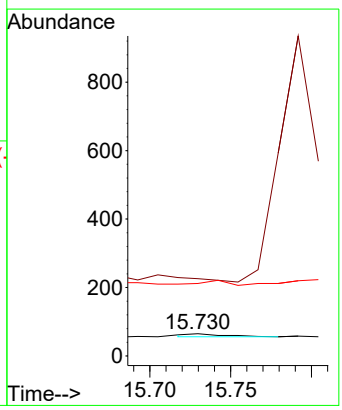


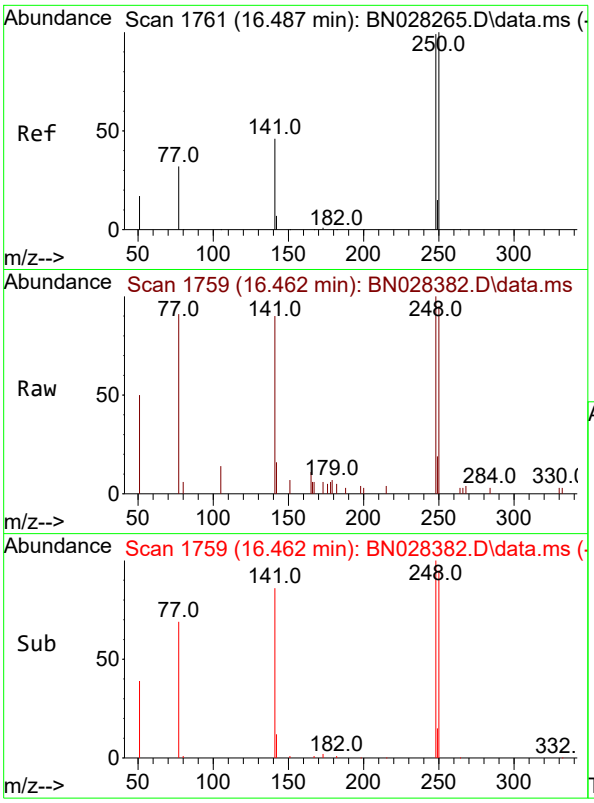


#20
4,6-Dinitro-2-methylphenol
Concen: 0.195 ng
RT: 15.730 min Scan# 1700
Delta R.T. -0.074 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:198 Resp: 13

Ion	Ratio	Lower	Upper
198	100		
51	347.7	96.1	144.1#
105	326.2	75.4	113.0#



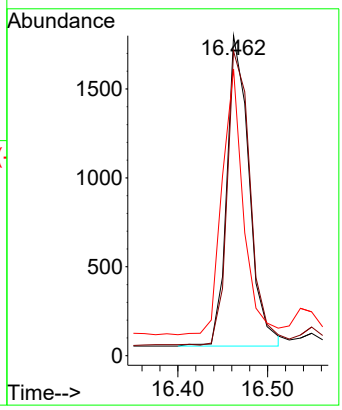


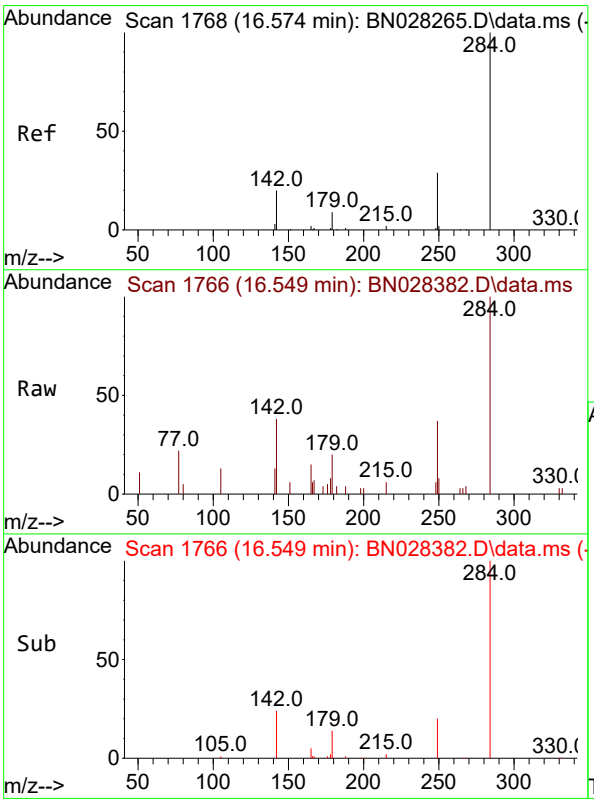
#21
4-Bromophenyl-phenylether
Concen: 0.458 ng
RT: 16.462 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3019

Ion	Ratio	Lower	Upper
248	100		
250	95.2	80.5	120.7
141	89.6	38.9	58.3#

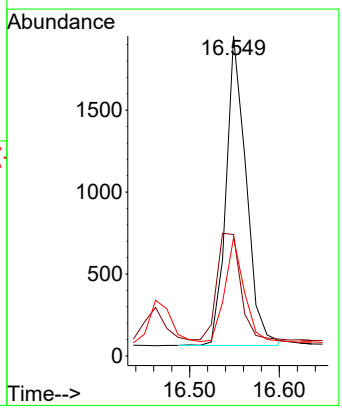


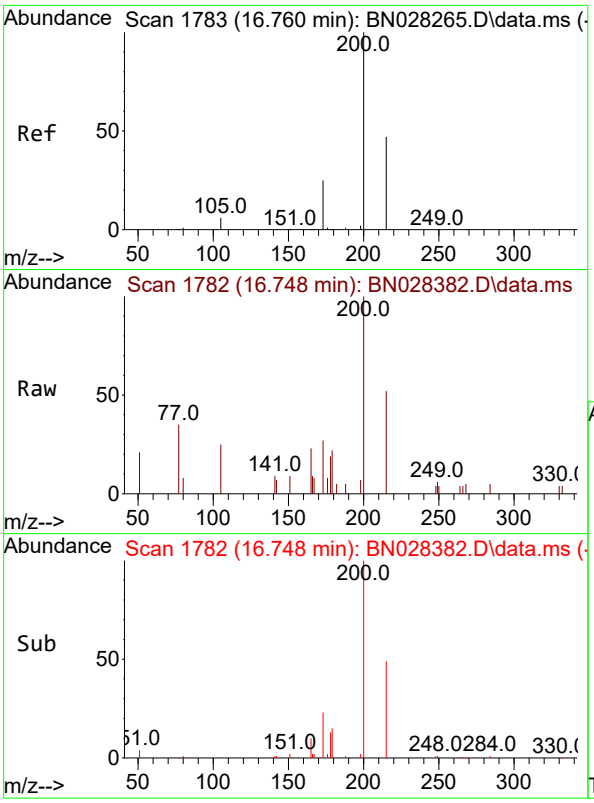


#22
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:284 Resp: 2927

Ion	Ratio	Lower	Upper
284	100		
142	40.4	32.1	48.1
249	31.7	25.5	38.3



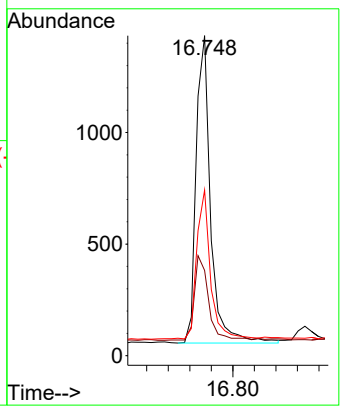


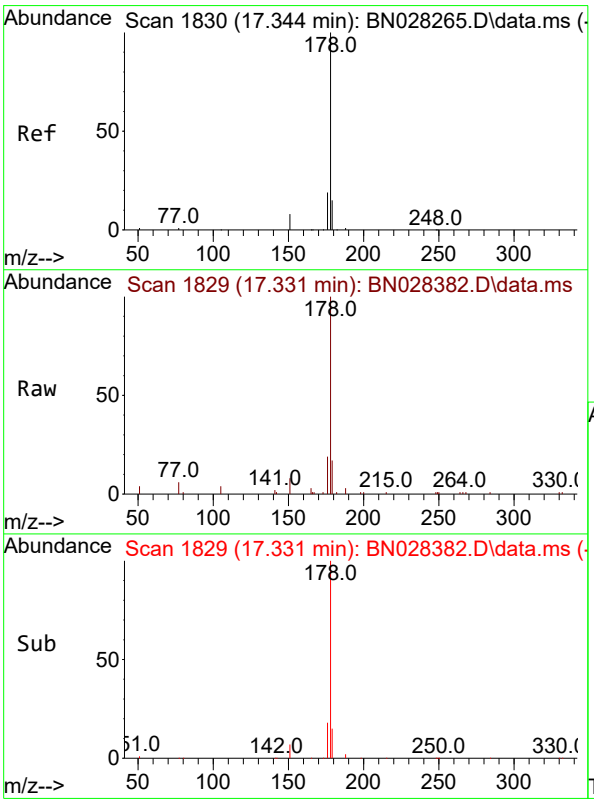
#23
Atrazine
Concen: 0.416 ng
RT: 16.748 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2569

Ion	Ratio	Lower	Upper
200	100		
173	26.6	21.6	32.4
215	51.7	39.0	58.6

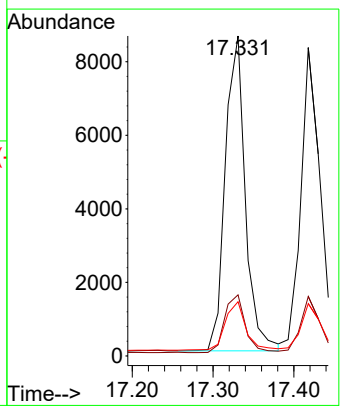


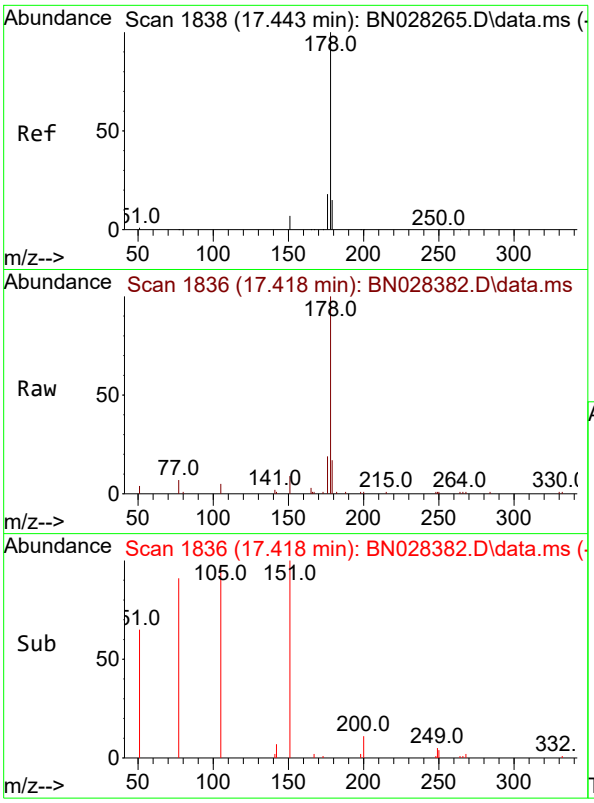


#25
Phenanthrene
Concen: 0.423 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:178 Resp: 14806

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	16.4	12.5	18.7



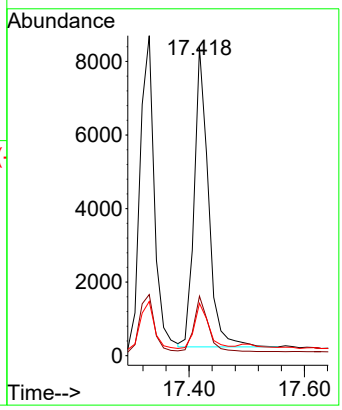


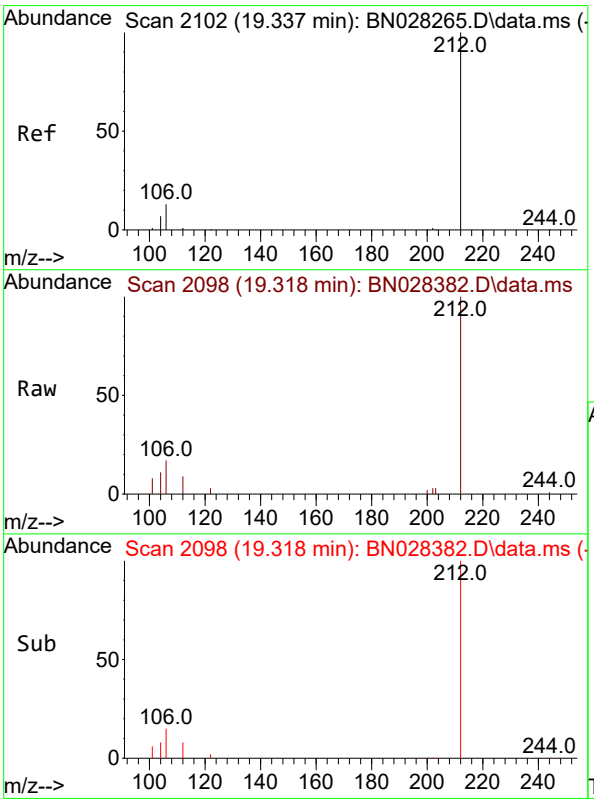
#26
Anthracene
Concen: 0.416 ng
RT: 17.418 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13905

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.5	12.2	18.4

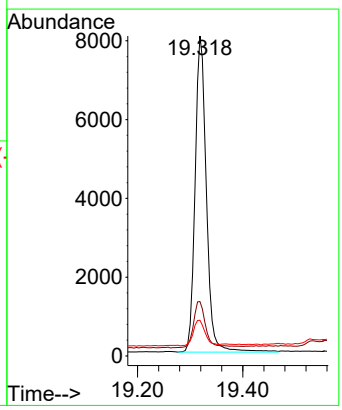


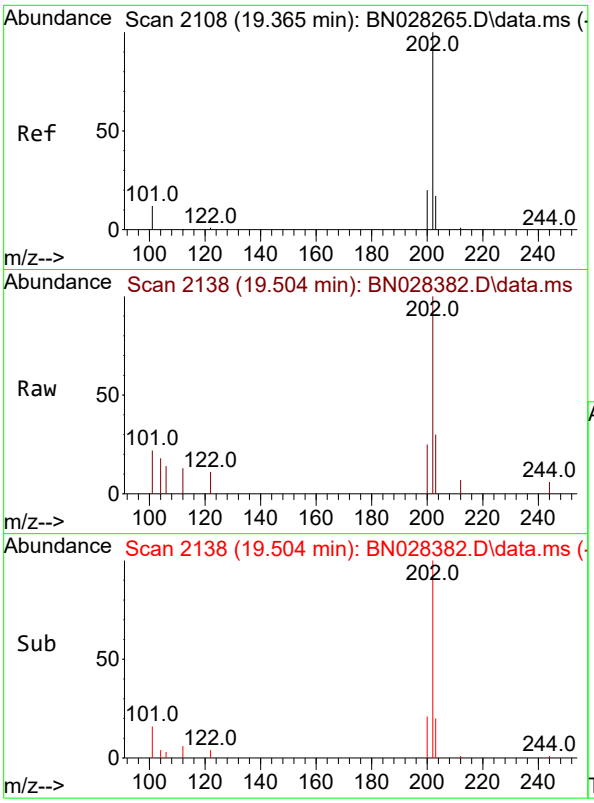


#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.318 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:212 Resp: 11919

Ion	Ratio	Lower	Upper
212	100		
106	16.7	11.5	17.3
104	8.6	6.7	10.1



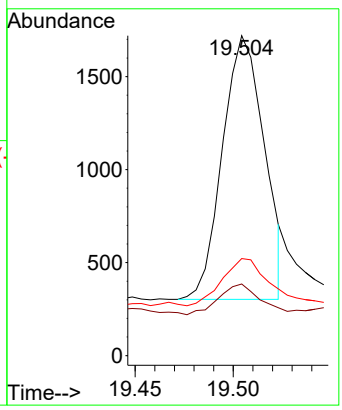


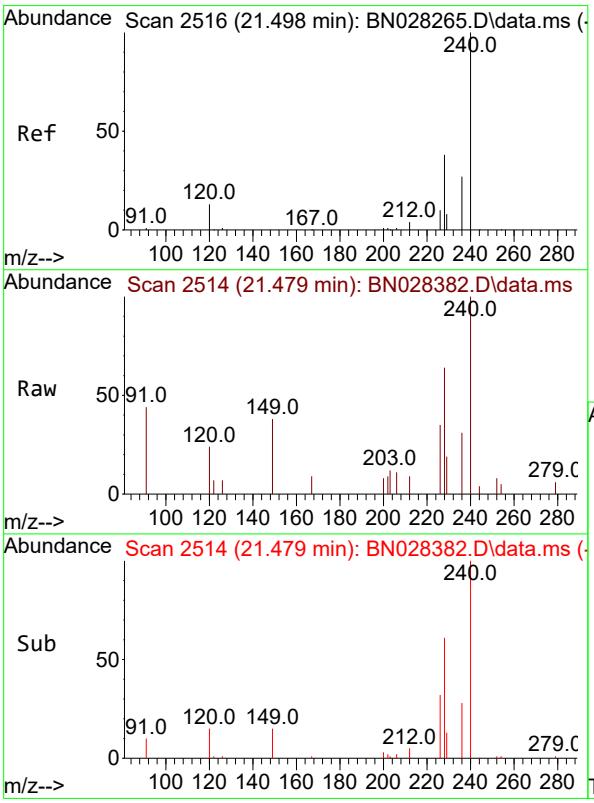
#28
Fluoranthene
Concen: 0.048 ng
RT: 19.504 min Scan# 21
Delta R.T. 0.149 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 2101

Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.1	15.1
203	18.4	13.9	20.9

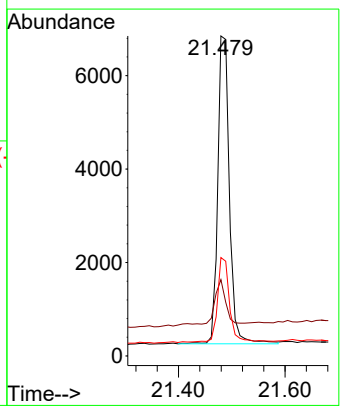


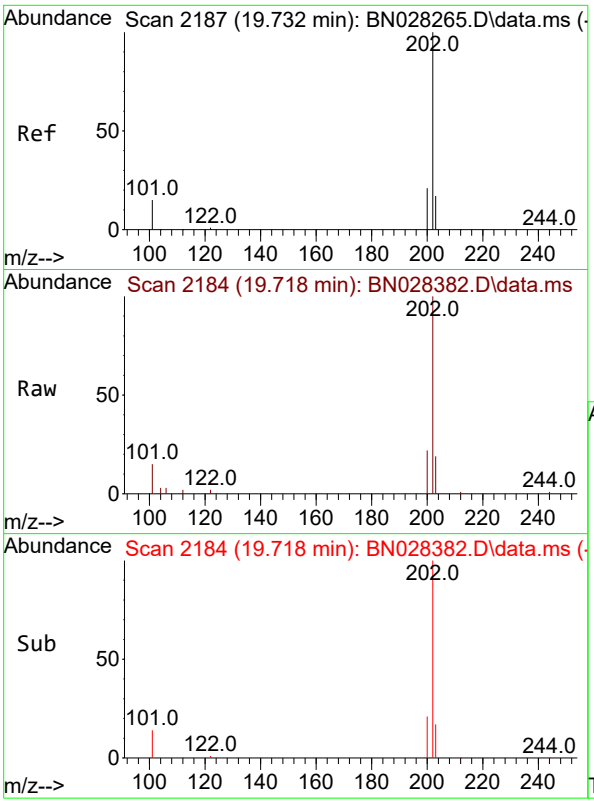


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.479 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:240 Resp: 10052

Ion	Ratio	Lower	Upper
240	100		
120	23.8	13.4	20.0#
236	30.8	22.7	34.1



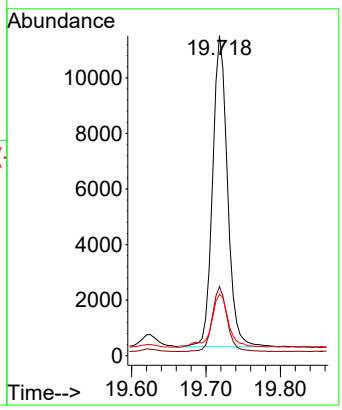


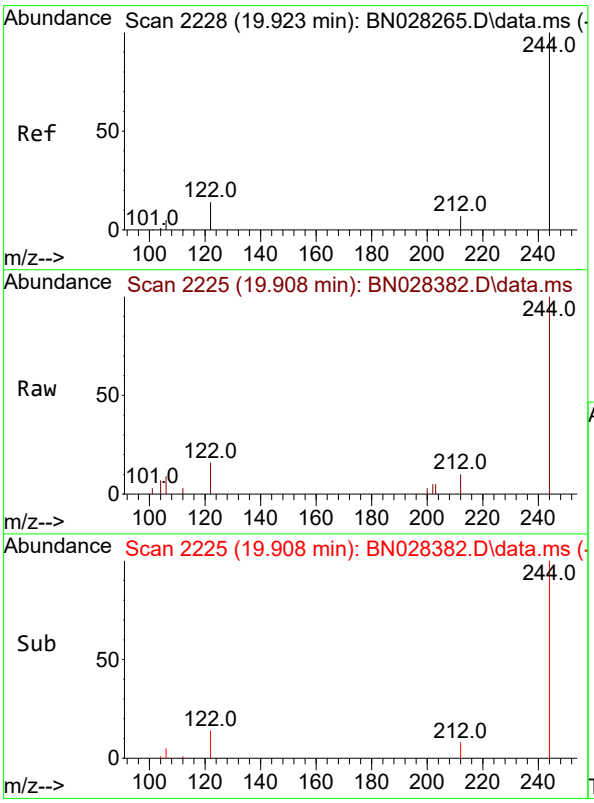
#30
Pyrene
Concen: 0.453 ng
RT: 19.718 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 15574

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	19.7	14.5	21.7

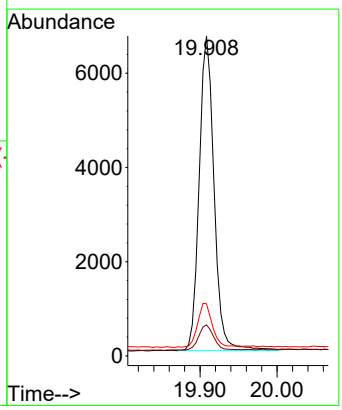


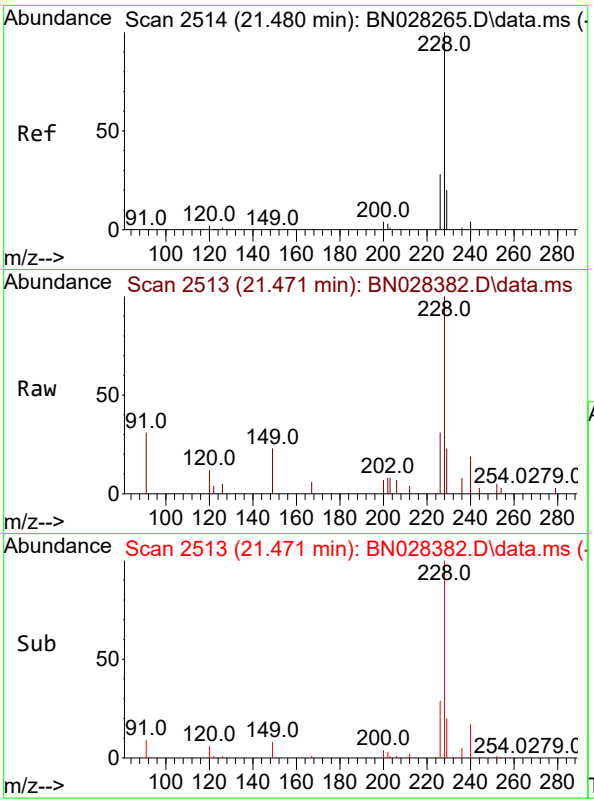


#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.908 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:244 Resp: 8959

Ion	Ratio	Lower	Upper
244	100		
212	9.7	6.6	10.0
122	16.3	11.7	17.5



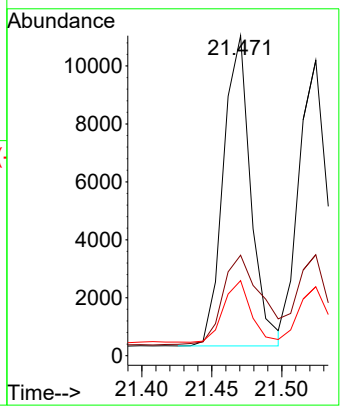


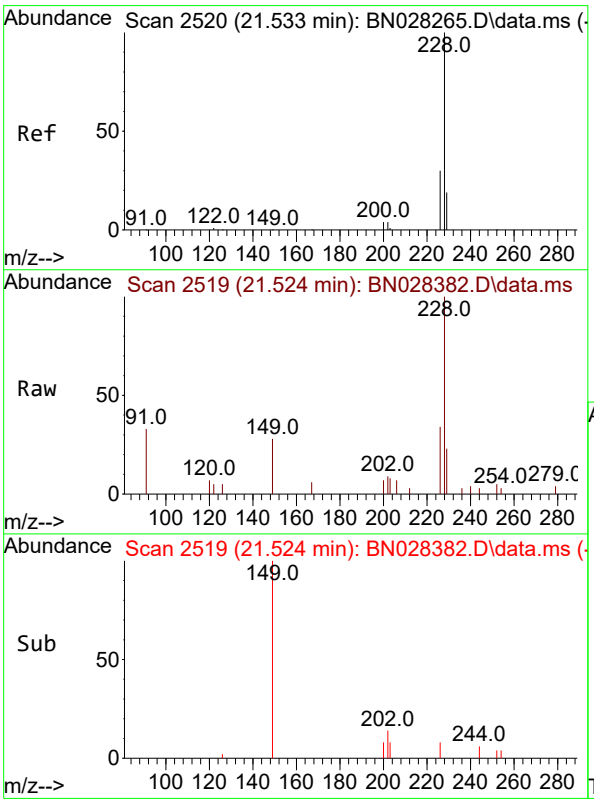
#32
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.471 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 14611

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.9	34.3
229	23.5	16.6	24.8

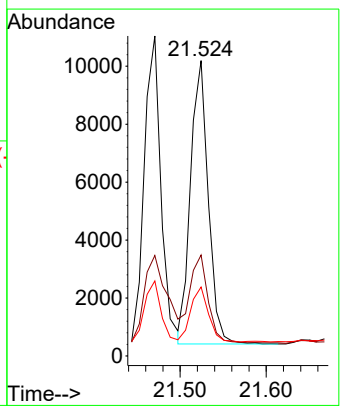


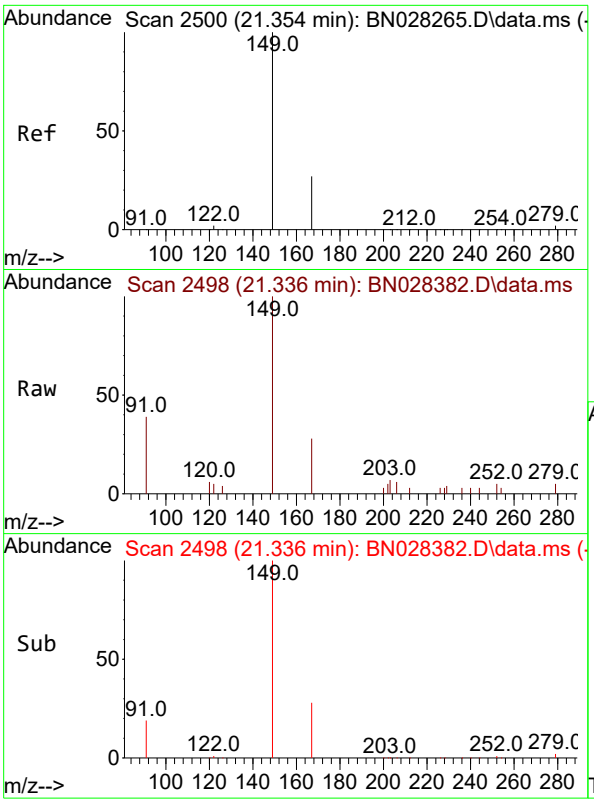


#33
Chrysene
Concen: 0.409 ng
RT: 21.524 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:228 Resp: 13987

Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.2	37.8
229	23.4	16.6	25.0



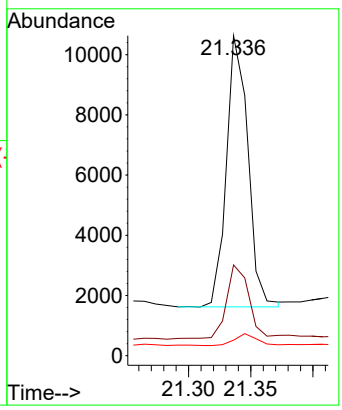


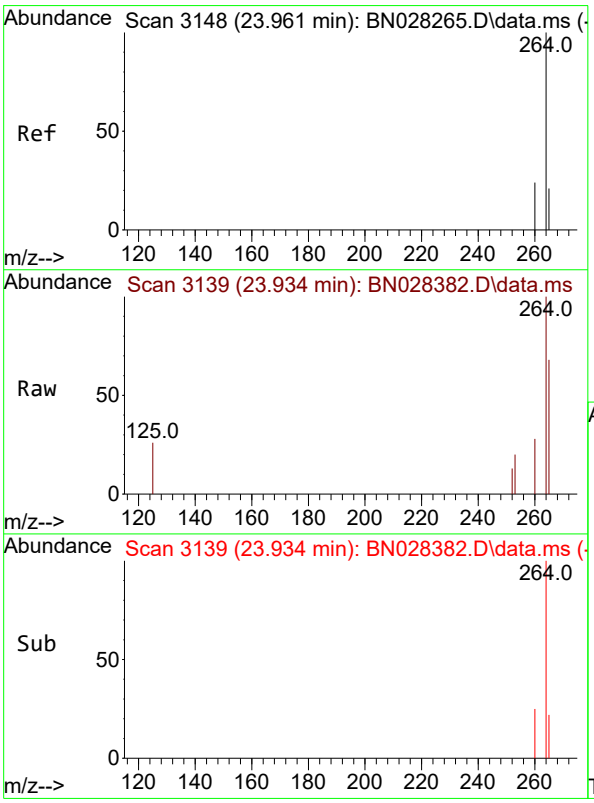
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.397 ng
RT: 21.336 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 10817

Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.6	34.0
279	4.9	4.2	6.2

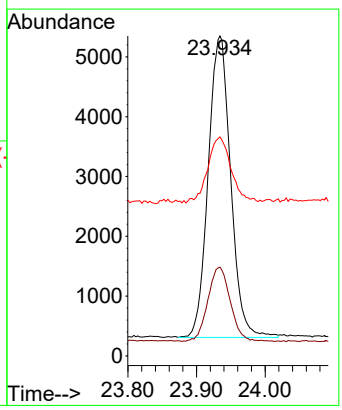


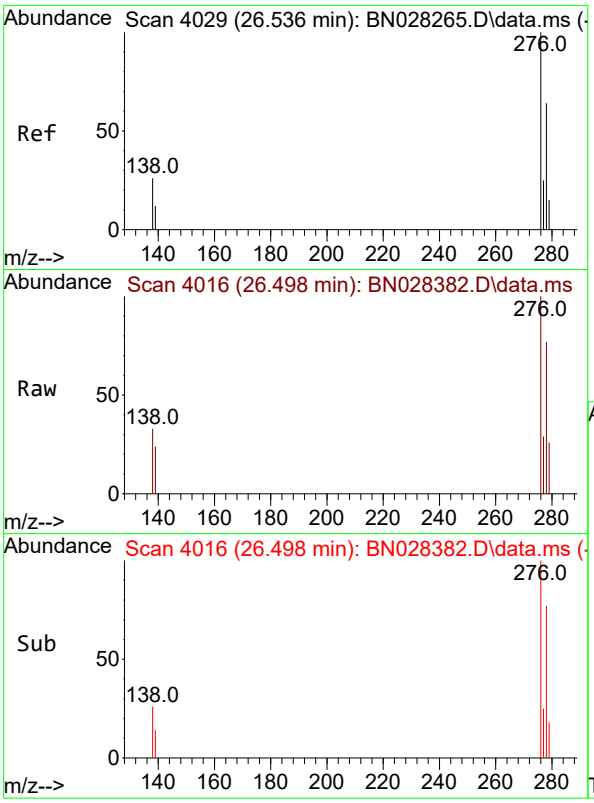


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.934 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:264 Resp: 11453

Ion	Ratio	Lower	Upper
264	100		
260	27.7	20.7	31.1
265	68.4	38.3	57.5#



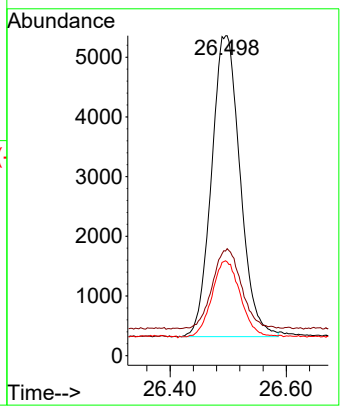


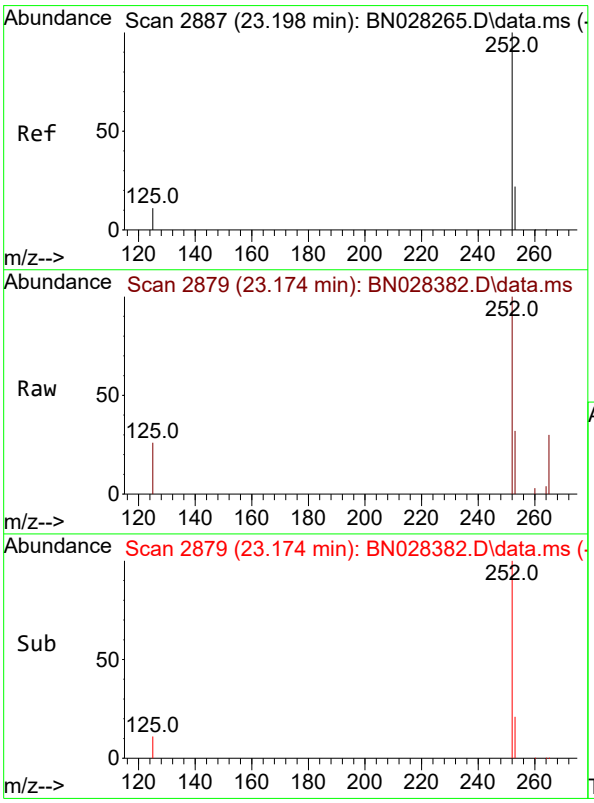
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng
RT: 26.498 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17203

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.3	31.9
277	25.1	20.0	30.0

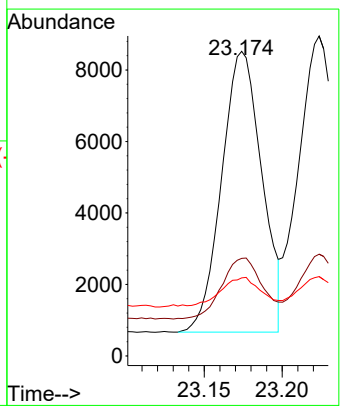


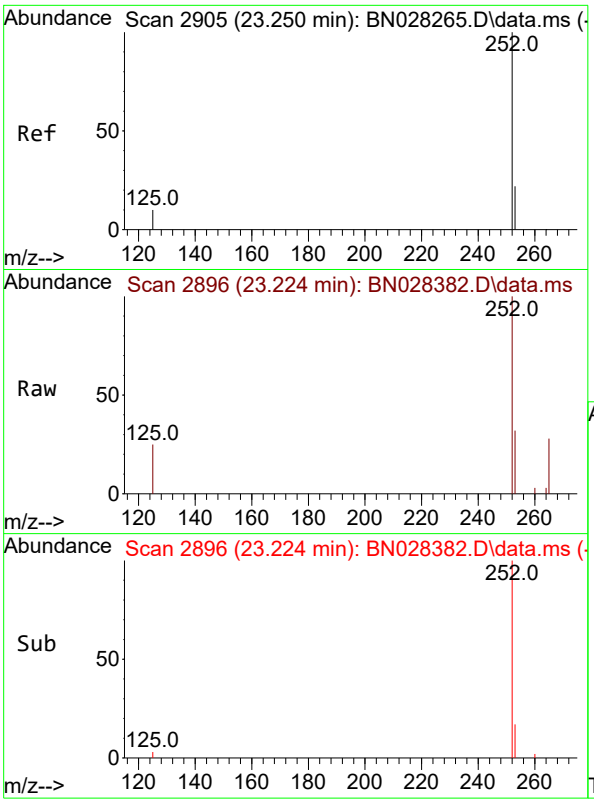


#37
Benzo(b)fluoranthene
Concen: 0.394 ng
RT: 23.174 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:252 Resp: 14115

Ion	Ratio	Lower	Upper
252	100		
253	32.1	21.8	32.8
125	25.6	15.6	23.4#



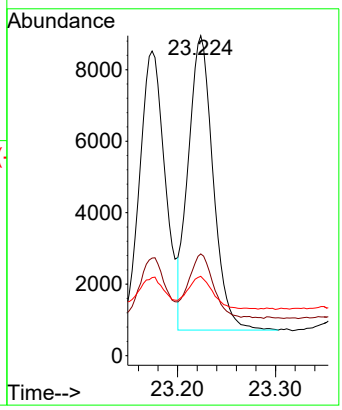


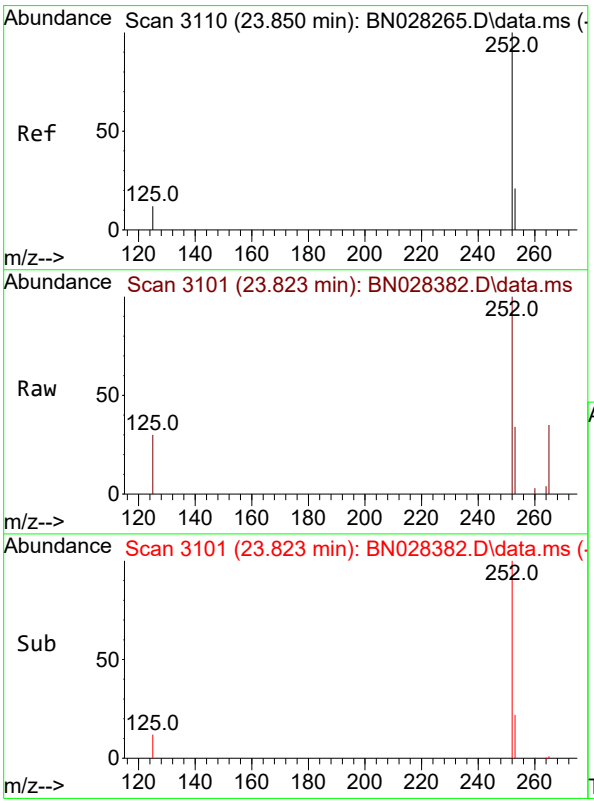
#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.224 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 14501

Ion	Ratio	Lower	Upper
252	100		
253	31.8	22.0	33.0
125	24.8	15.3	22.9#

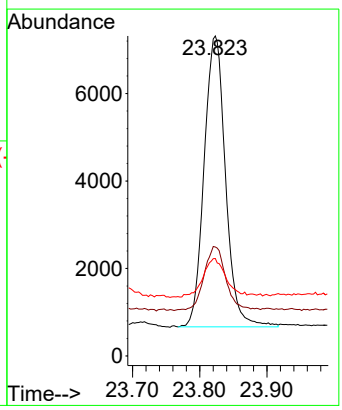


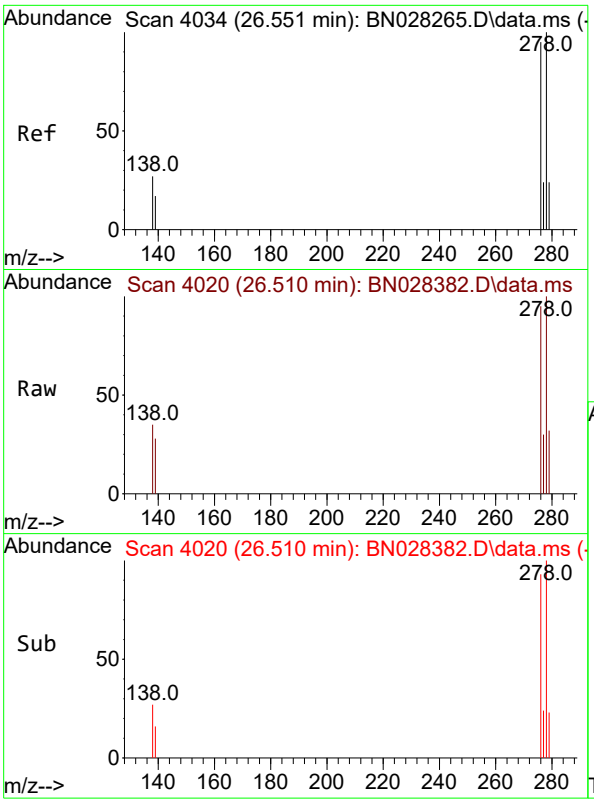


#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.823 min Scan# 3101
Delta R.T. -0.006 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:252 Resp: 14707

Ion	Ratio	Lower	Upper
252	100		
253	34.1	22.7	34.1
125	30.4	17.0	25.6#



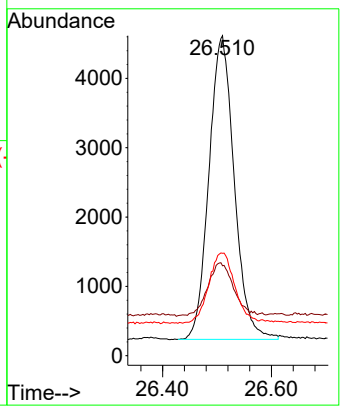


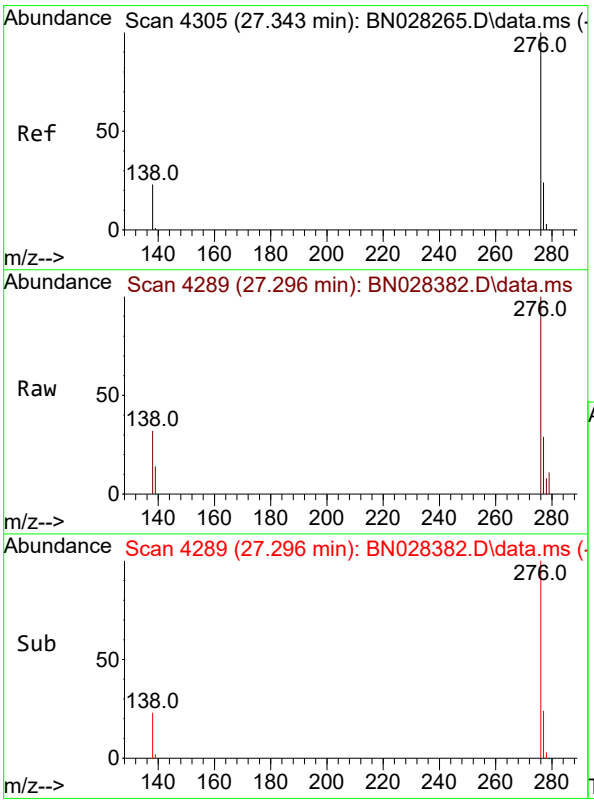
#40
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.510 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 14123

Ion	Ratio	Lower	Upper
278	100		
139	28.1	18.8	28.2
279	32.0	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.375 ng
RT: 27.296 min Scan# 4289
Delta R.T. -0.009 min
Lab File: BN028382.D
Acq: 24 Oct 2023 17:32

Tgt Ion:276 Resp: 14518

Ion	Ratio	Lower	Upper
276	100		
277	29.2	21.7	32.5
138	31.6	21.7	32.5