Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023623.D
Acq On : 11 Jan 2023 22:38
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Quant Time: Jan 12 00:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration

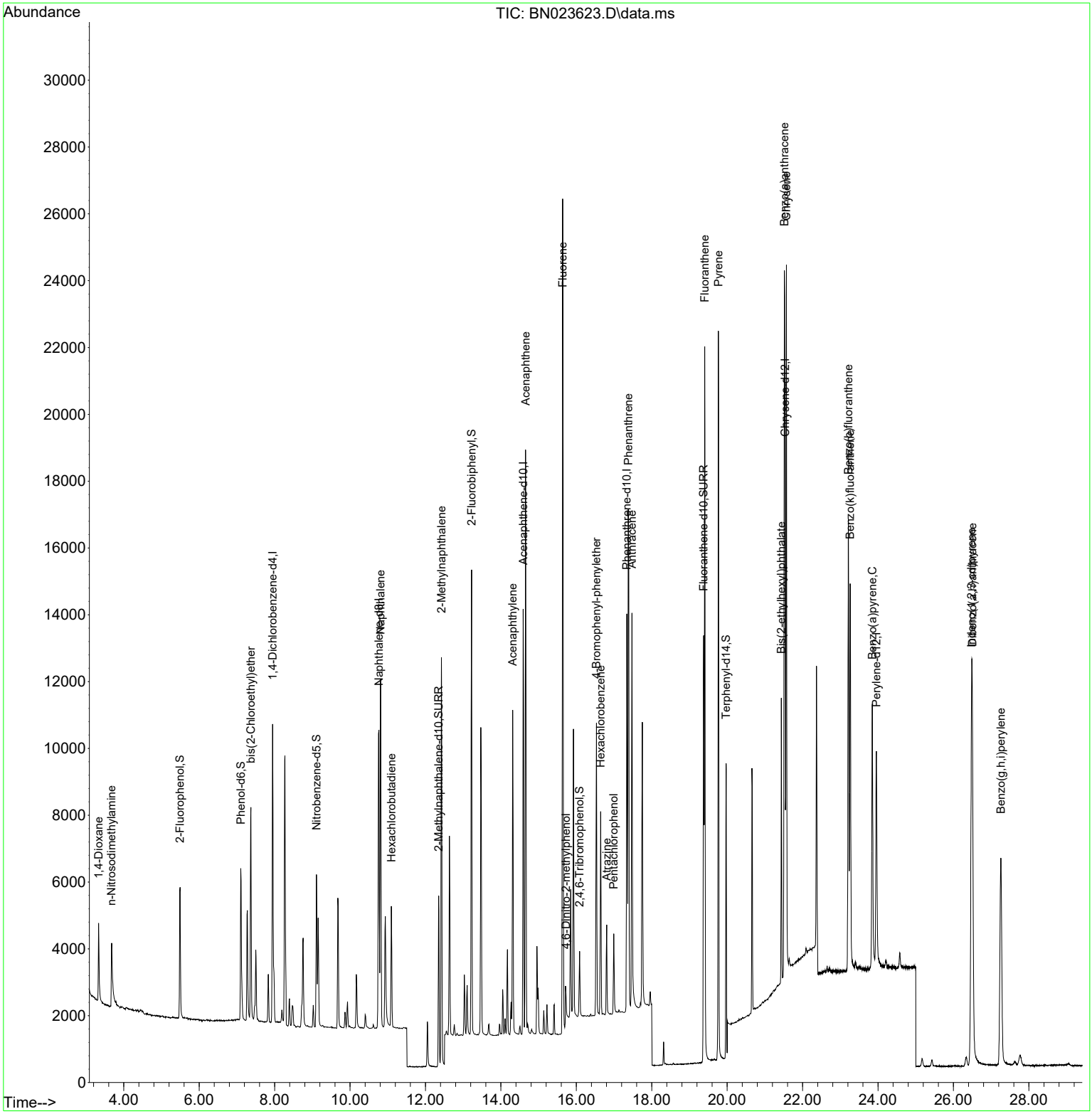
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	4226	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	12466	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	6905	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	14887	0.400	ng		0.00
29) Chrysene-d12	21.536	240	12612	0.400	ng		0.00
35) Perylene-d12	23.957	264	9660	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3439	0.410	ng		0.00
5) Phenol-d6	7.103	99	4290	0.397	ng		0.00
8) Nitrobenzene-d5	9.110	82	3600	0.384	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	6827	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1072	0.358	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	11382	0.408	ng		0.00
27) Fluoranthene-d10	19.376	212	13934	0.382	ng		0.00
31) Terphenyl-d14	19.970	244	12655	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	1622	0.428	ng		98
3) n-Nitrosodimethylamine	3.673	42	1686	0.397	ng		99
6) bis(2-Chloroethyl)ether	7.371	93	4795	0.421	ng		99
9) Naphthalene	10.808	128	13211	0.401	ng		100
10) Hexachlorobutadiene	11.096	225	2717	0.407	ng	#	99
12) 2-Methylnaphthalene	12.424	142	9365	0.396	ng		99
16) Acenaphthylene	14.314	152	10333	0.371	ng		100
17) Acenaphthene	14.656	154	7972	0.390	ng		100
18) Fluorene	15.639	166	10795	0.394	ng		99
20) 4,6-Dinitro-2-methylph...	15.726	198	607	0.375	ng		97
21) 4-Bromophenyl-phenylether	16.533	248	3330	0.392	ng		96
22) Hexachlorobenzene	16.645	284	4276	0.403	ng		99
23) Atrazine	16.806	200	2142	0.366	ng		99
24) Pentachlorophenol	16.992	266	1196	0.326	ng		99
25) Phenanthrene	17.377	178	17320	0.397	ng		99
26) Anthracene	17.477	178	12920	0.370	ng		100
28) Fluoranthene	19.406	202	18765	0.381	ng		100
30) Pyrene	19.768	202	18889	0.391	ng		100
32) Benzo(a)anthracene	21.518	228	15367	0.377	ng		99
33) Chrysene	21.571	228	17808	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.437	149	7088	0.372	ng		100
36) Indeno(1,2,3-cd)pyrene	26.480	276	17357	0.400	ng		99
37) Benzo(b)fluoranthene	23.214	252	16445	0.398	ng		99
38) Benzo(k)fluoranthene	23.261	252	15953	0.397	ng		100
39) Benzo(a)pyrene	23.849	252	12330	0.396	ng		98
40) Dibenzo(a,h)anthracene	26.500	278	13735	0.396	ng		99
41) Benzo(g,h,i)perylene	27.258	276	14110	0.398	ng		100

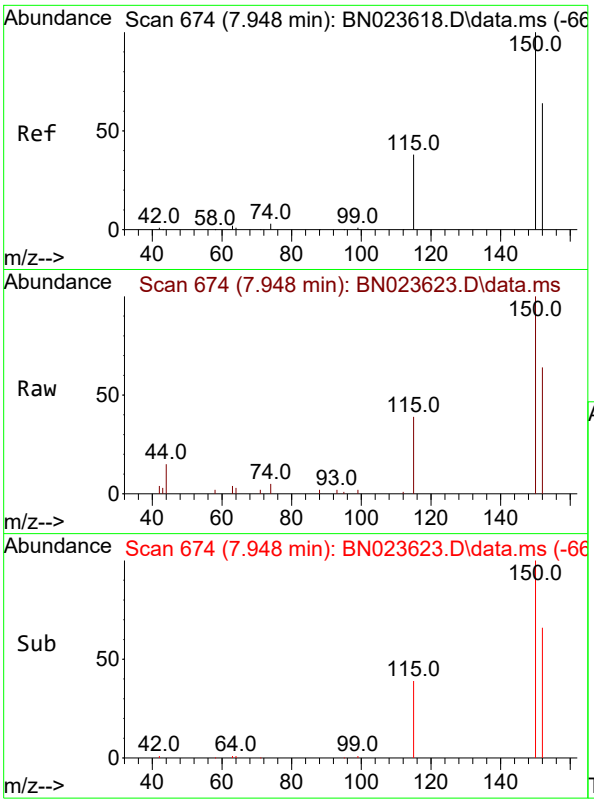
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023623.D
Acq On : 11 Jan 2023 22:38
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Quant Time: Jan 12 00:25:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration



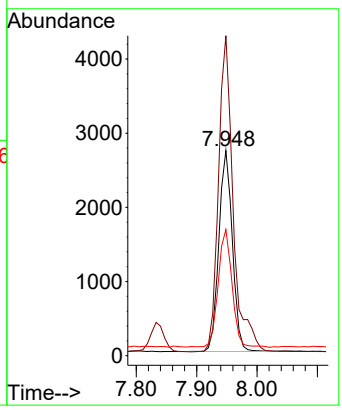


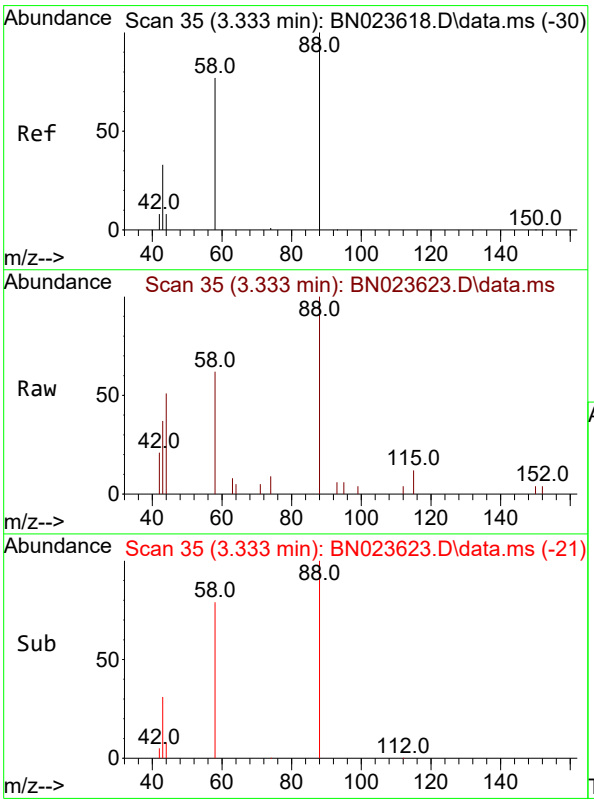
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:152 Resp: 4226

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.8
115	61.5	50.6	75.8

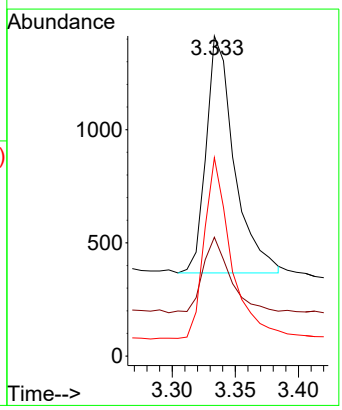


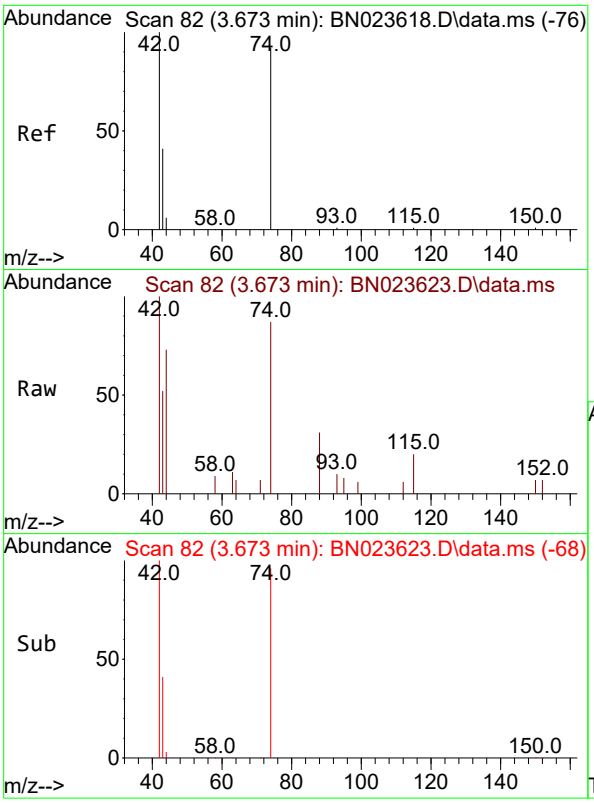


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.333 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion: 88 Resp: 1622

Ion	Ratio	Lower	Upper
88	100		
43	31.4	26.2	39.2
58	73.7	60.6	90.8



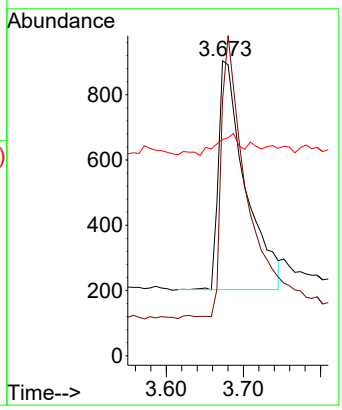


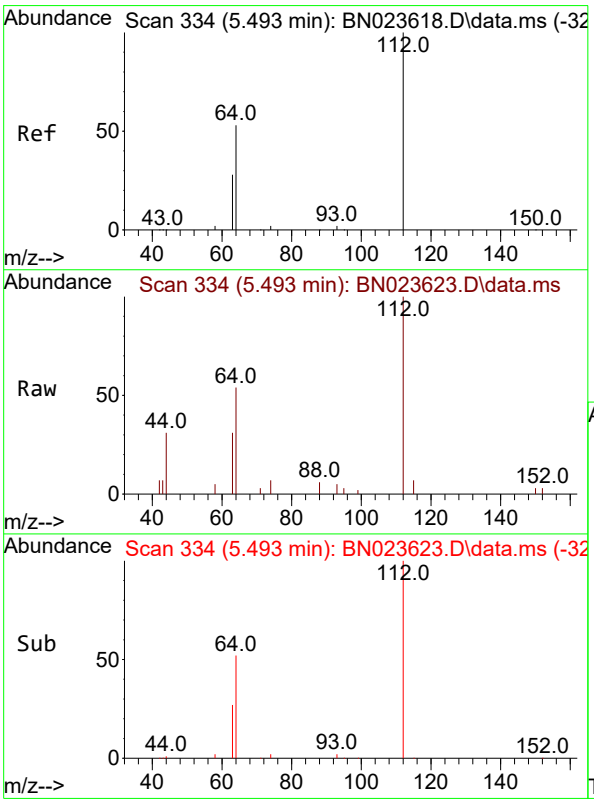
#3
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion: 42 Resp: 1686

Ion	Ratio	Lower	Upper
42	100		
74	114.2	92.1	138.1
44	7.7	5.4	8.0

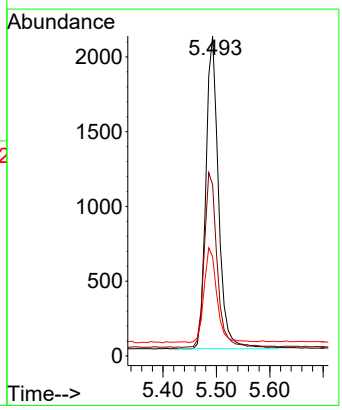


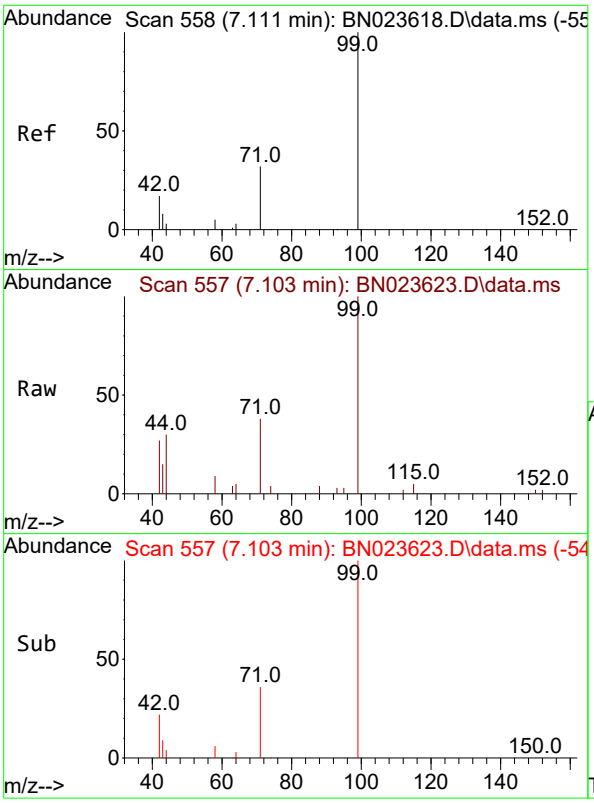


#4
2-Fluorophenol
Concen: 0.410 ng
RT: 5.493 min Scan# 334
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:112 Resp: 3439

Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.9	67.3
63	31.1	24.9	37.3



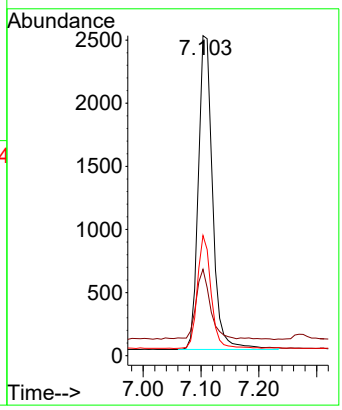


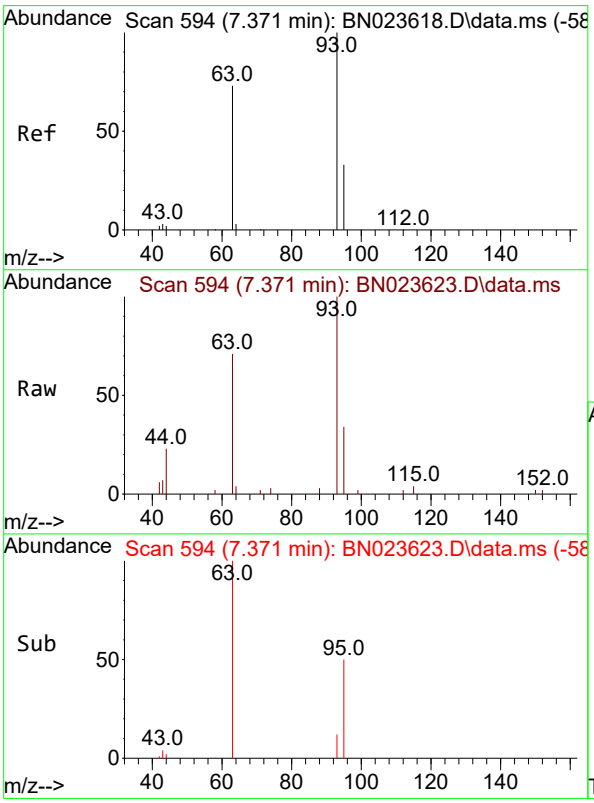
#5
Phenol-d6
Concen: 0.397 ng
RT: 7.103 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion: 99 Resp: 4290

Ion	Ratio	Lower	Upper
99	100		
42	22.2	18.8	28.2
71	34.5	28.2	42.4

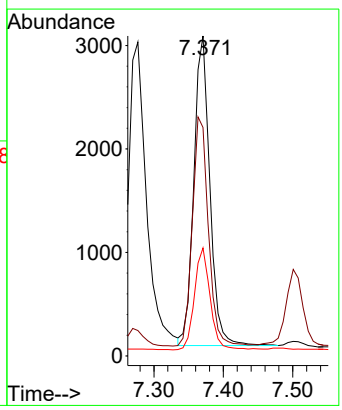


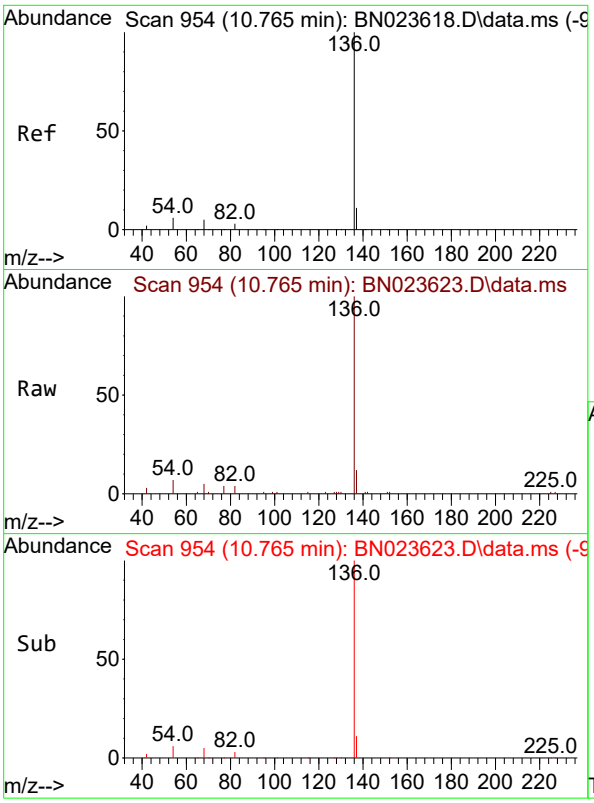


#6
bis(2-Chloroethyl)ether
Concen: 0.421 ng
RT: 7.371 min Scan# 594
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion: 93 Resp: 4795

Ion	Ratio	Lower	Upper
93	100		
63	74.1	59.6	89.4
95	32.4	25.3	37.9



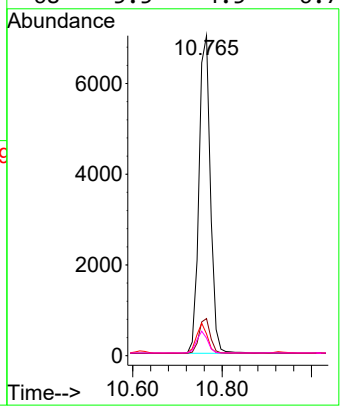


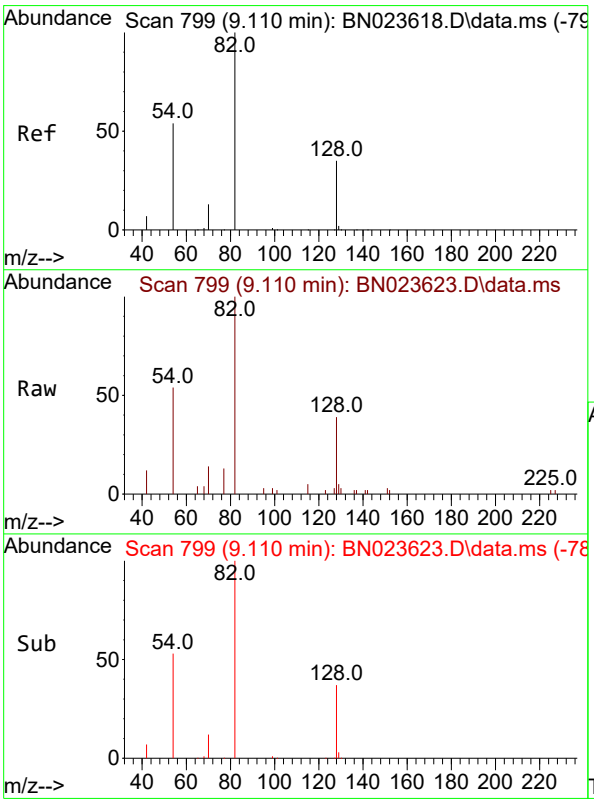
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:136 Resp: 12466

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	6.8	5.7	8.5
68	5.5	4.5	6.7

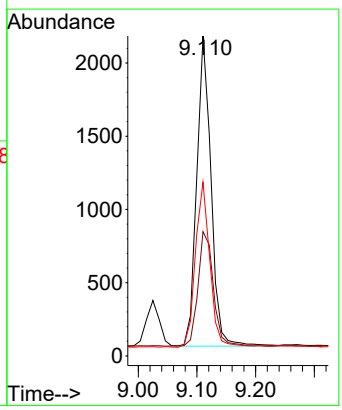


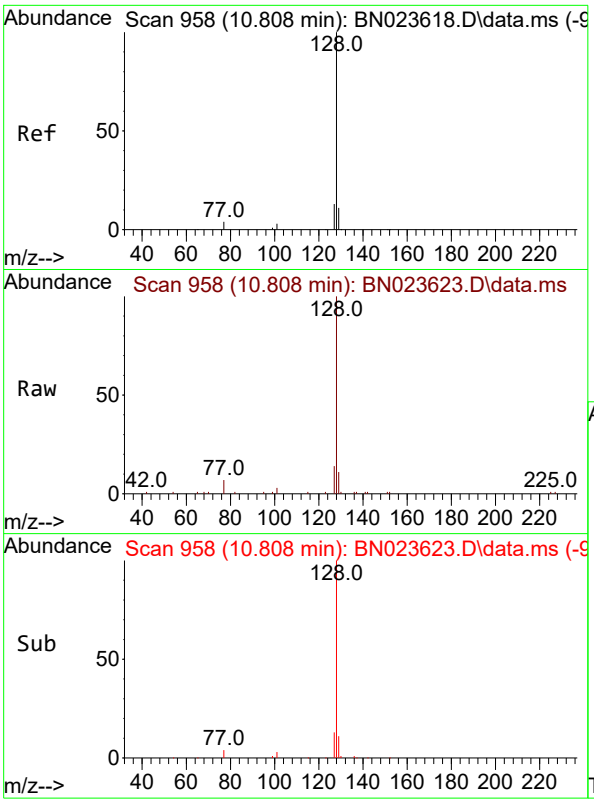


#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 9.110 min Scan# 799
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion: 82 Resp: 3600

Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.8	44.8
54	54.3	43.9	65.9



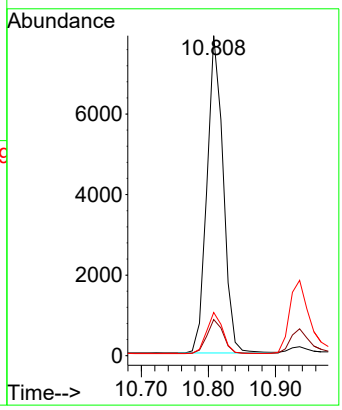


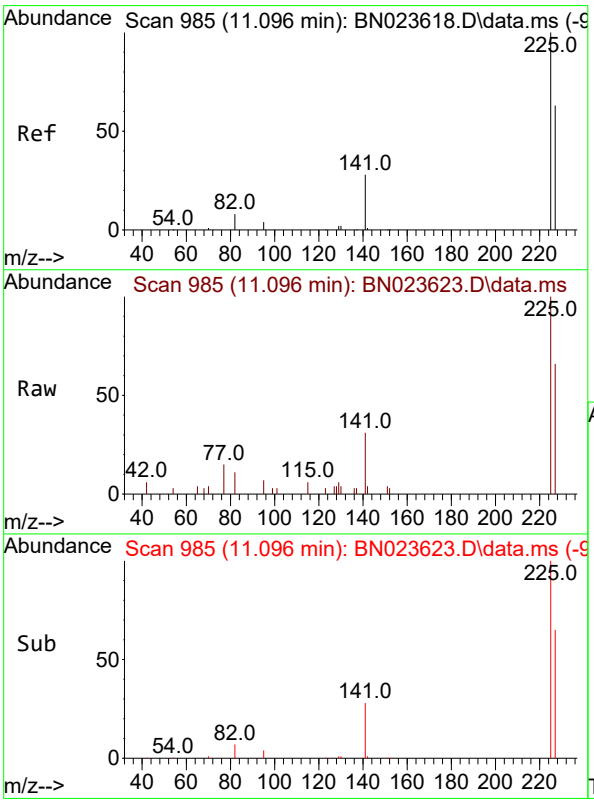
#9
Naphthalene
Concen: 0.401 ng
RT: 10.808 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:128 Resp: 13211

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	11.0	16.4

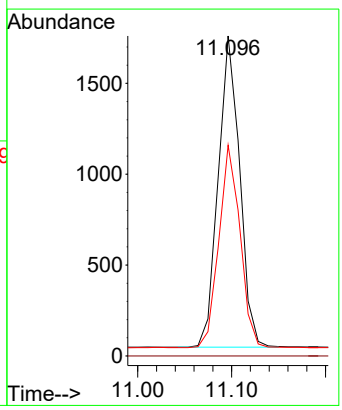


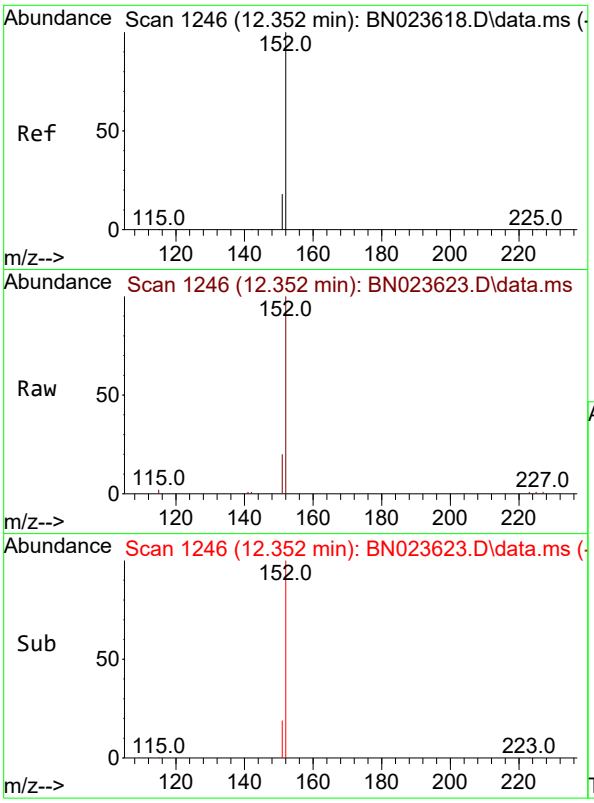


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 11.096 min Scan# 985
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:225 Resp: 2717

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.8	77.6



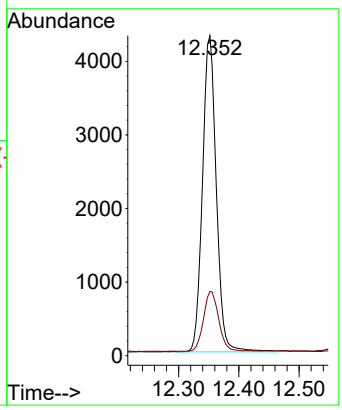


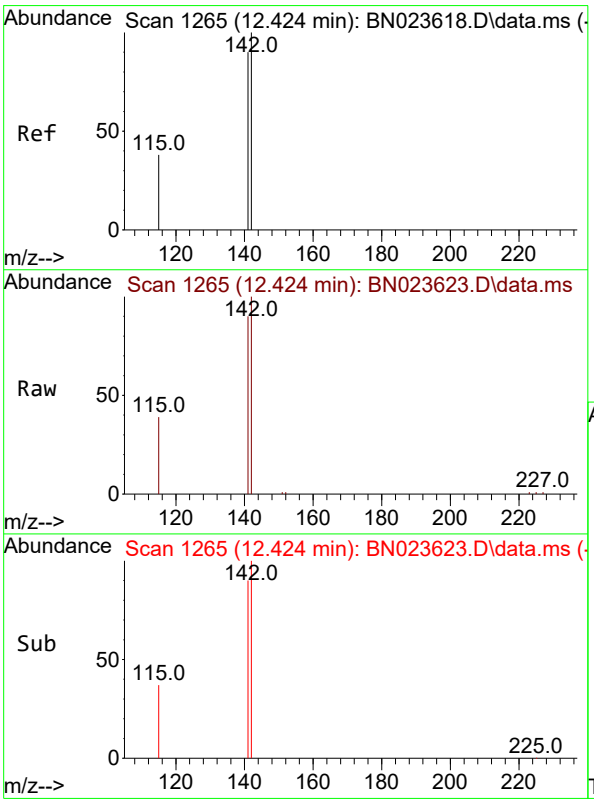
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.352 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:152 Resp: 6827

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3

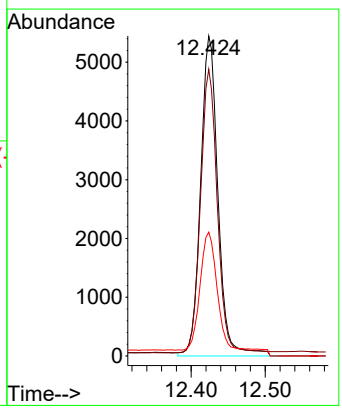


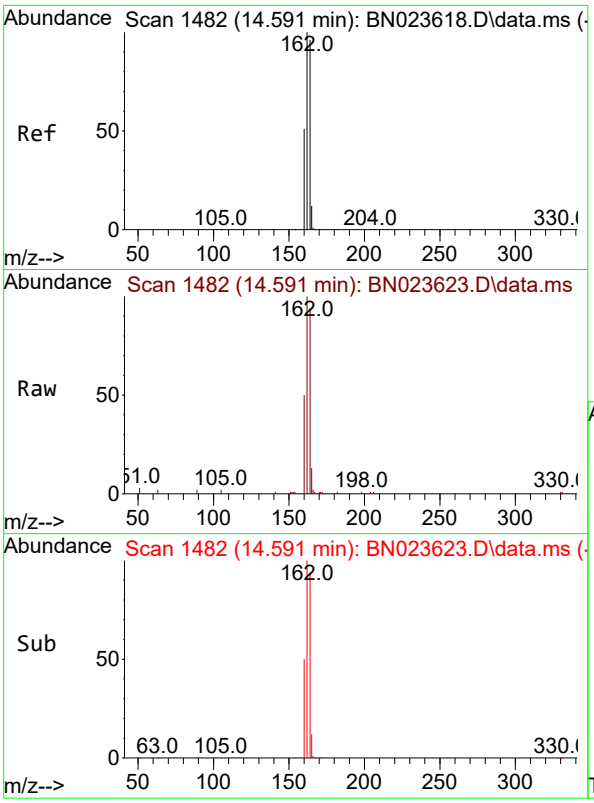


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.424 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:142 Resp: 9365

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.0	108.0
115	38.7	31.7	47.5



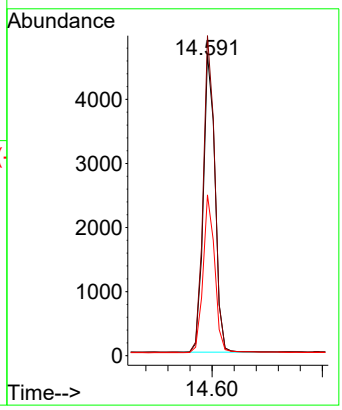


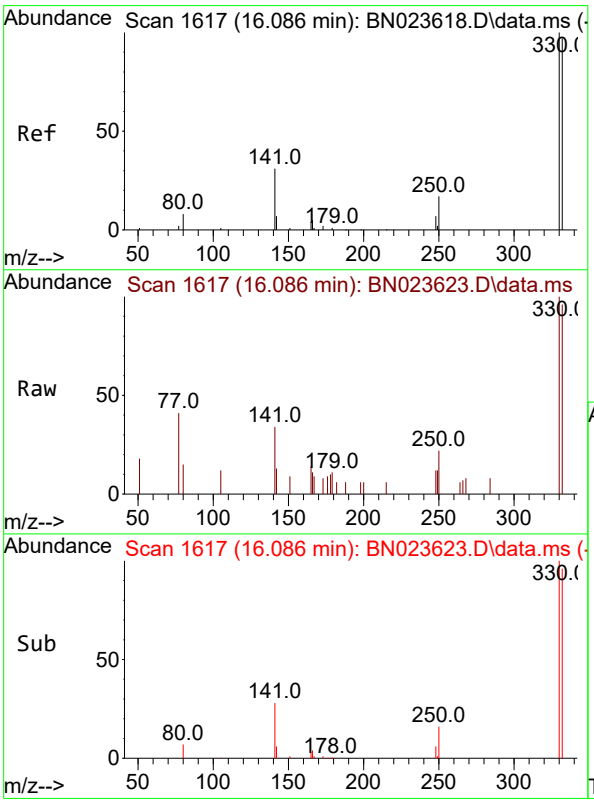
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:164 Resp: 6905

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.4	125.2
160	53.4	42.7	64.1

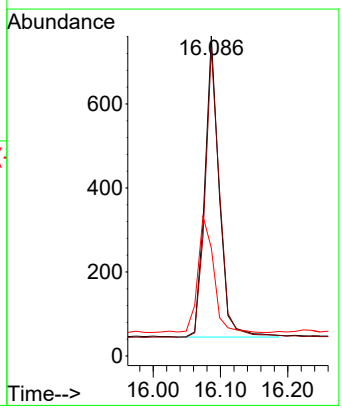


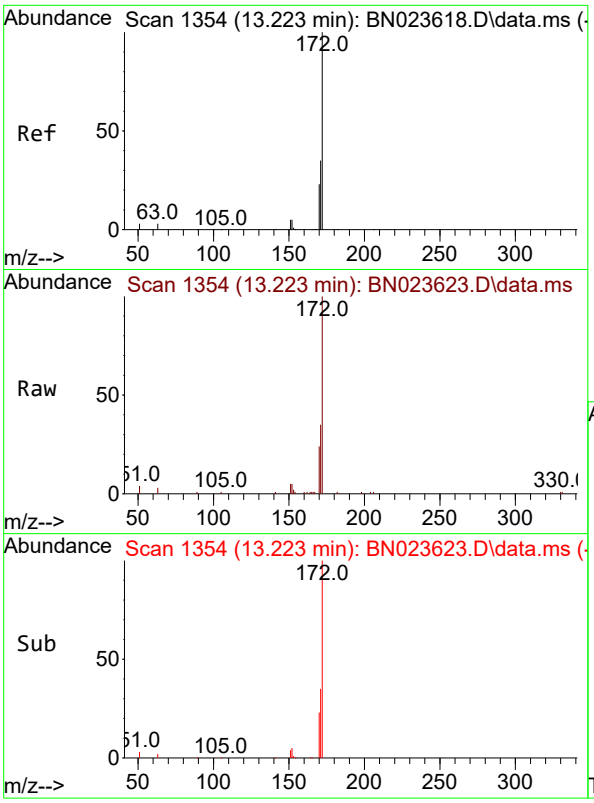


#14
2,4,6-Tribromophenol
Concen: 0.358 ng
RT: 16.086 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:330 Resp: 1072

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.1	117.1
141	42.1	33.4	50.0



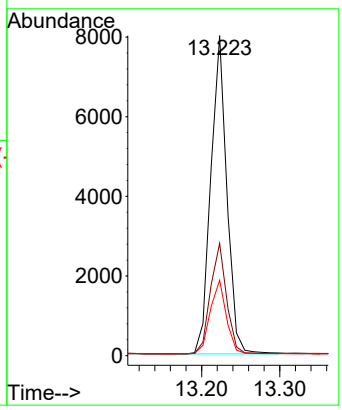


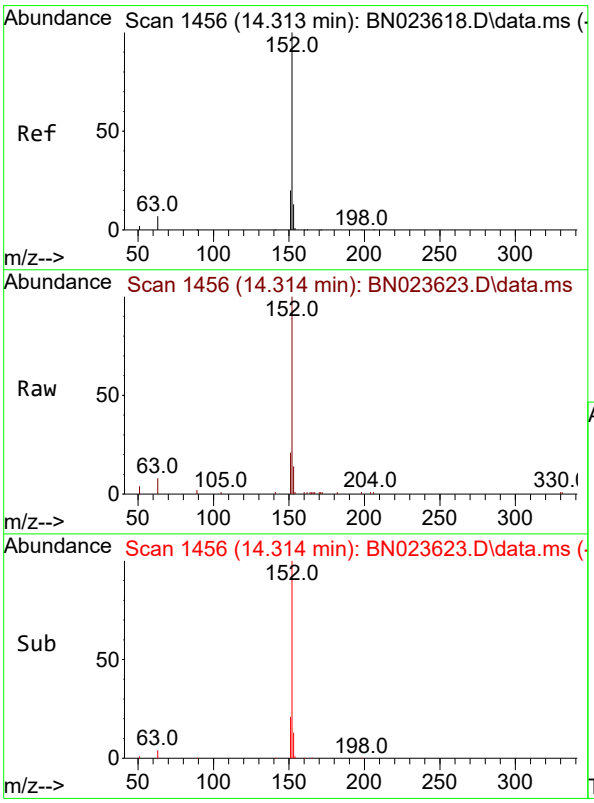
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.223 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:172 Resp: 11382

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.6	19.0	28.4

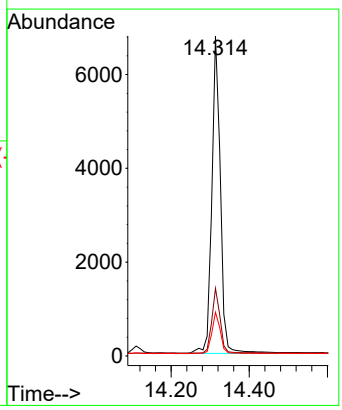


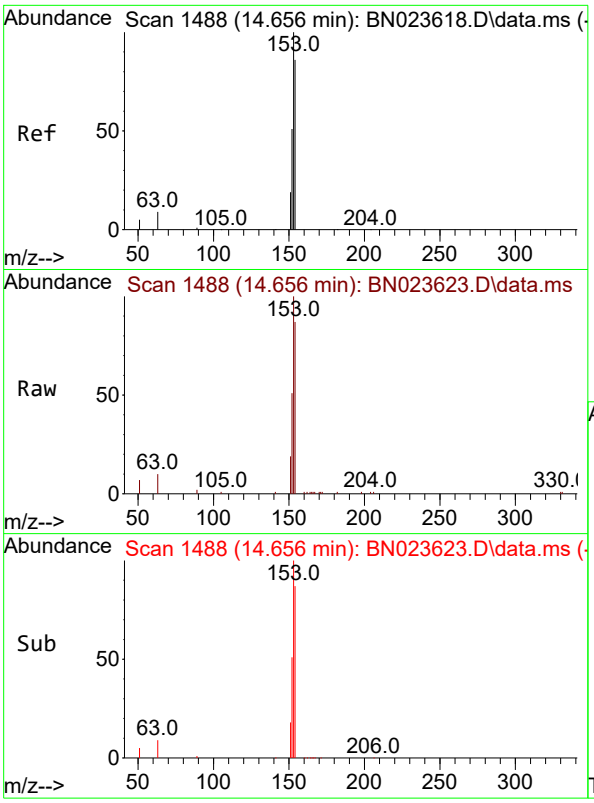


#16
Acenaphthylene
Concen: 0.371 ng
RT: 14.314 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:152 Resp: 10333

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.0	10.5	15.7



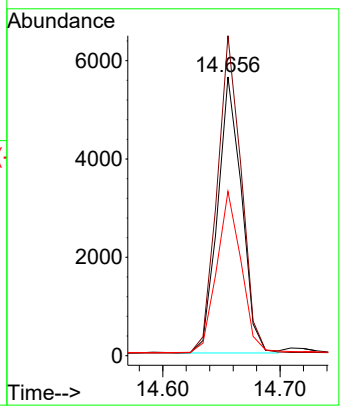


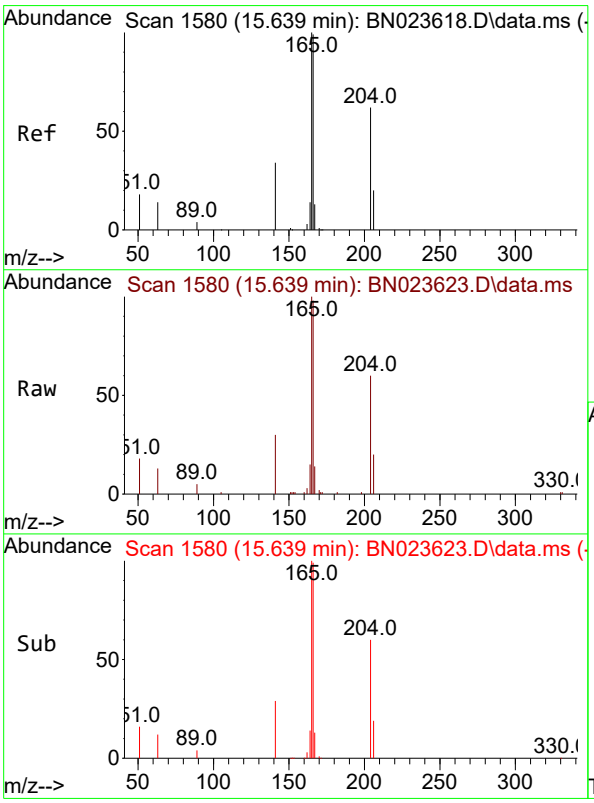
#17
Acenaphthene
Concen: 0.390 ng
RT: 14.656 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:154 Resp: 7972

Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.4	138.6
152	60.3	48.2	72.2

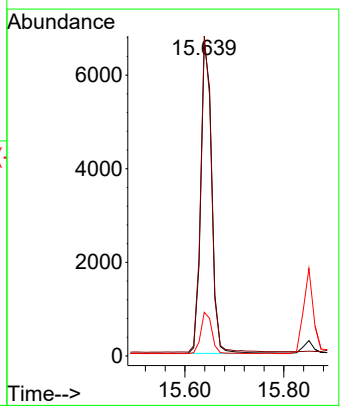


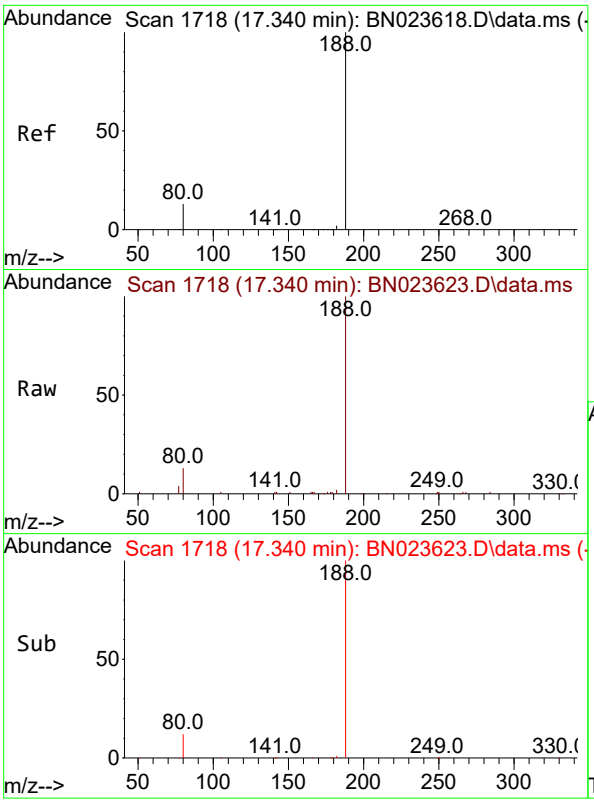


#18
Fluorene
Concen: 0.394 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:166 Resp: 10795

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.4	120.6
167	13.0	10.6	16.0



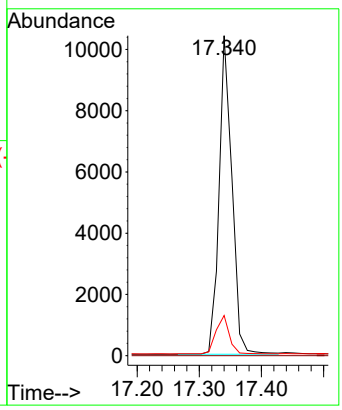


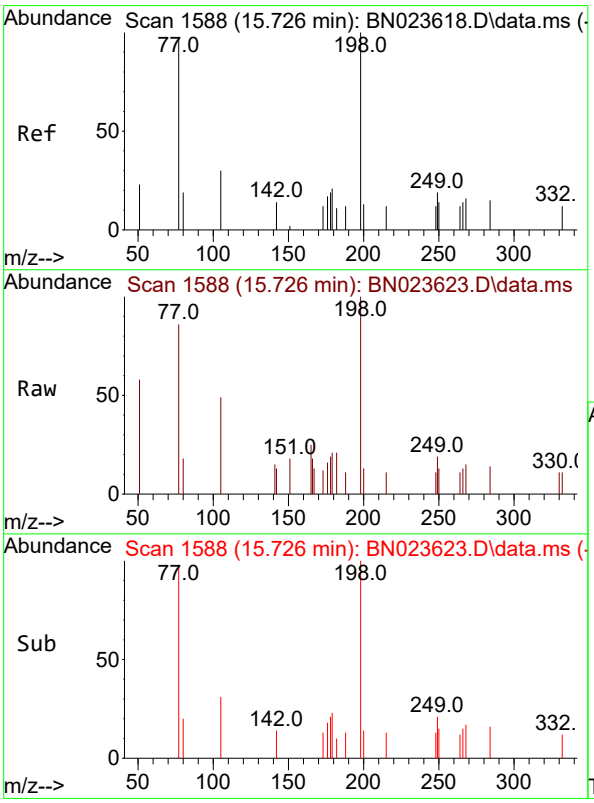
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:188 Resp: 14887

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	11.0	16.4

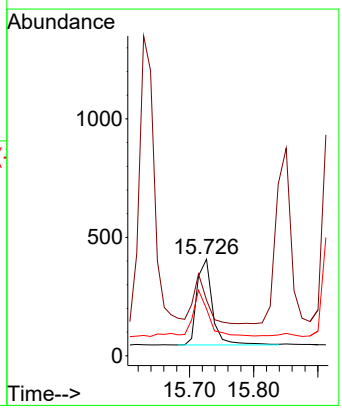


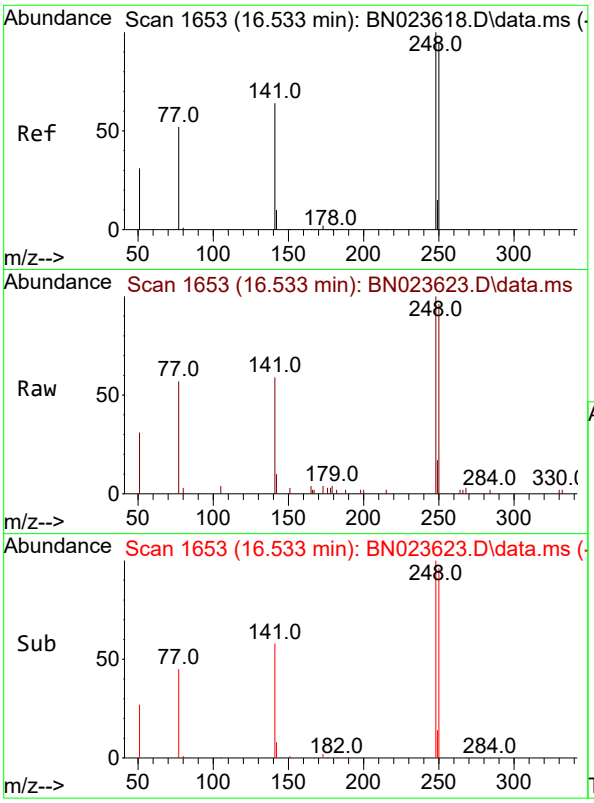


#20
4,6-Dinitro-2-methylphenol
Concen: 0.375 ng
RT: 15.726 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:198 Resp: 607

Ion	Ratio	Lower	Upper
198	100		
51	57.6	44.9	67.3
105	48.5	37.0	55.4



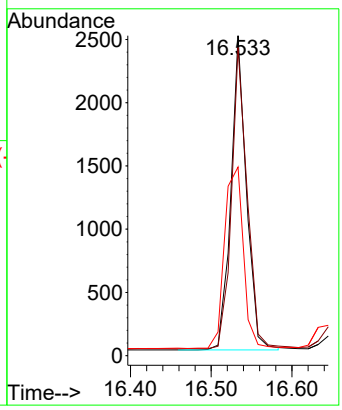


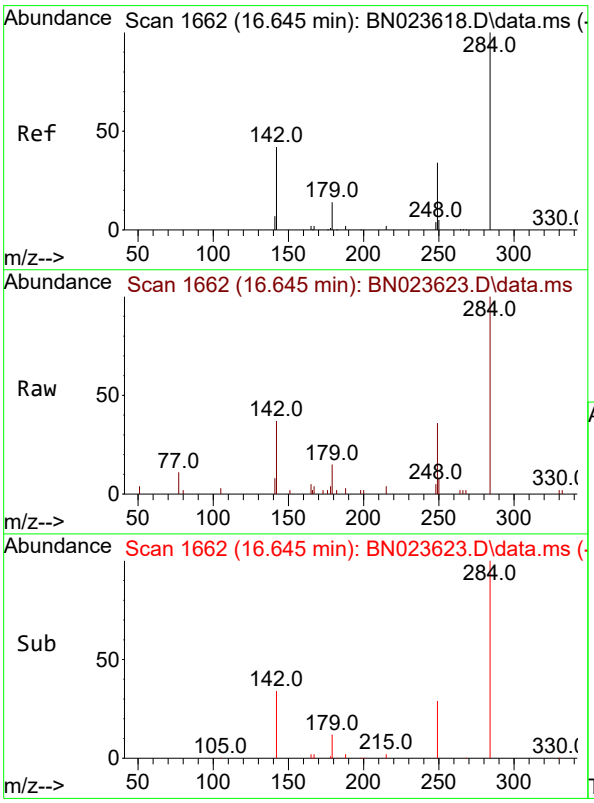
#21
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.533 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:248 Resp: 3330

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.6	114.8
141	59.0	52.3	78.5

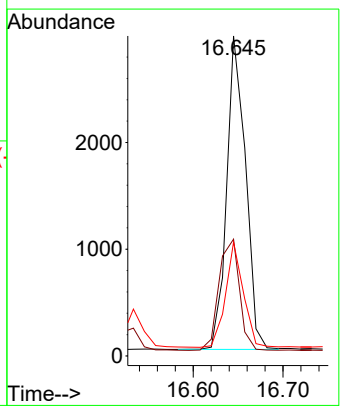


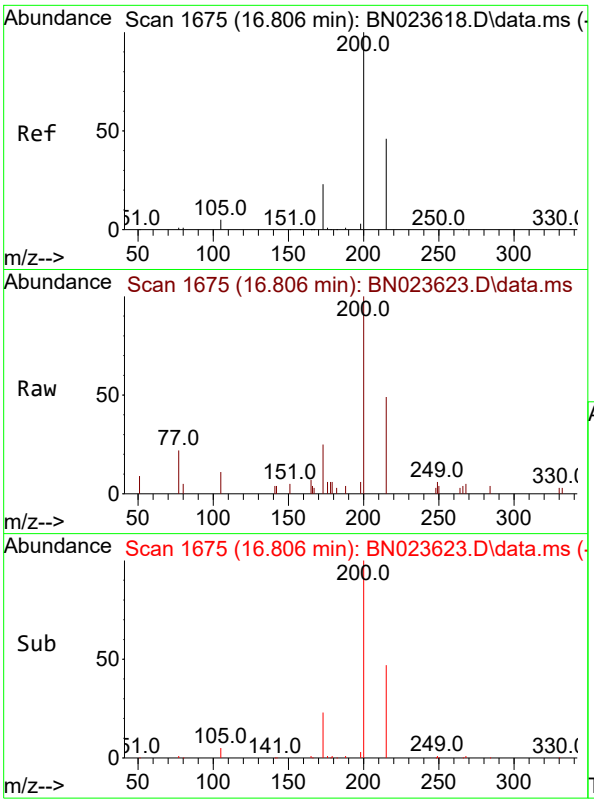


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.645 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:284 Resp: 4276

Ion	Ratio	Lower	Upper
284	100		
142	38.8	31.4	47.2
249	31.6	24.9	37.3



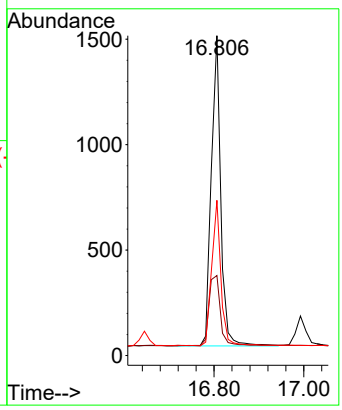


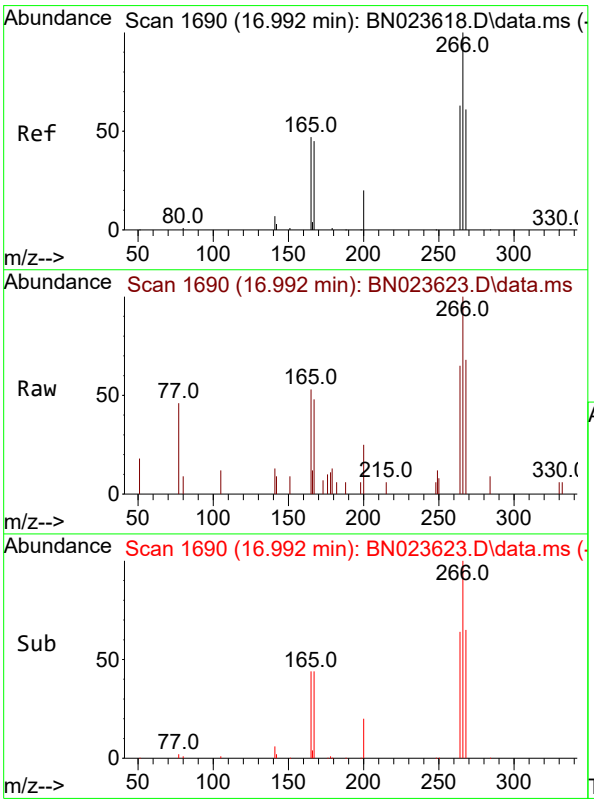
#23
Atrazine
Concen: 0.366 ng
RT: 16.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:200 Resp: 2142

Ion	Ratio	Lower	Upper
200	100		
173	25.0	20.4	30.6
215	48.5	38.1	57.1

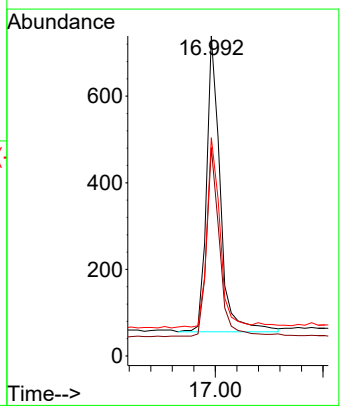


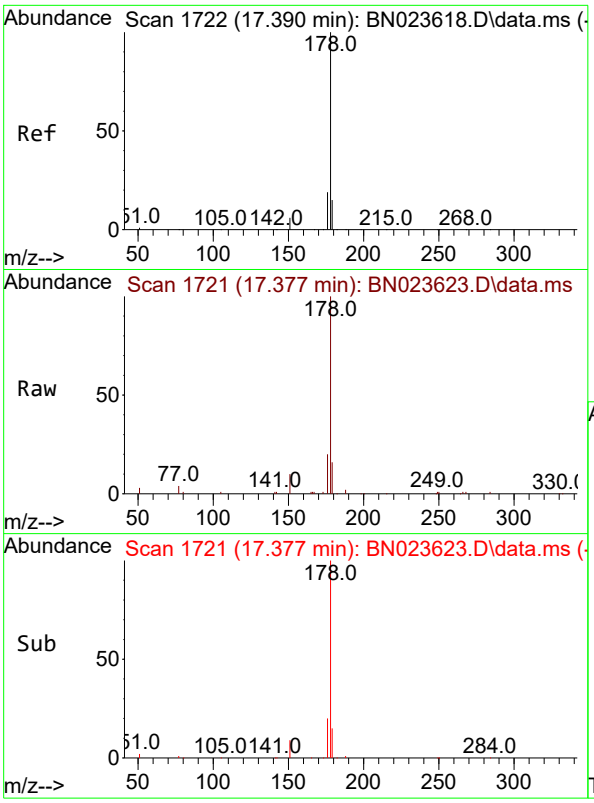


#24
Pentachlorophenol
Concen: 0.326 ng
RT: 16.992 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:266 Resp: 1196

Ion	Ratio	Lower	Upper
266	100		
264	60.3	49.7	74.5
268	61.9	49.3	73.9



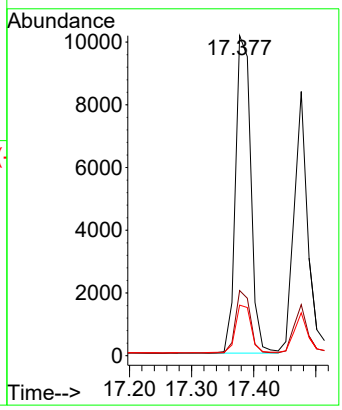


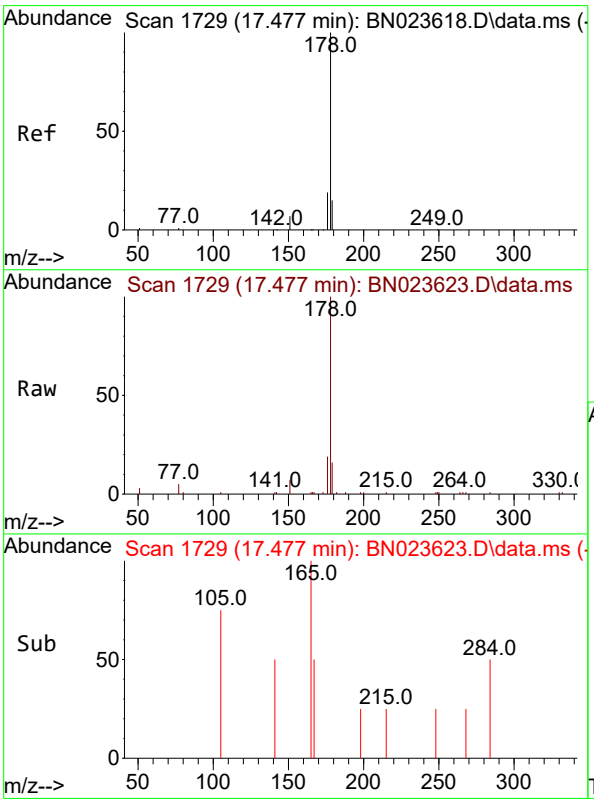
#25
Phenanthrene
Concen: 0.397 ng
RT: 17.377 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:178 Resp: 17320

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.5	18.7

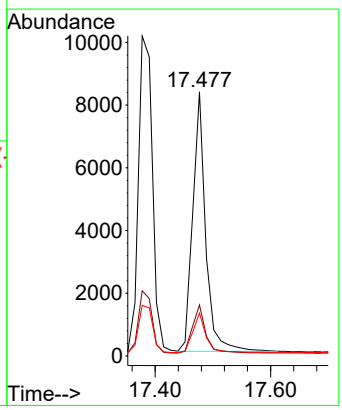


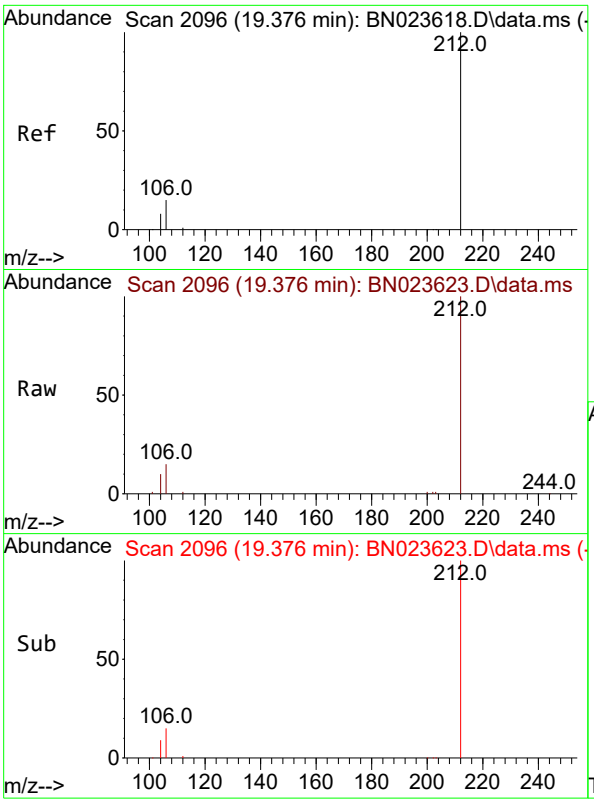


#26
Anthracene
Concen: 0.370 ng
RT: 17.477 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:178 Resp: 12920

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.2	12.2	18.2



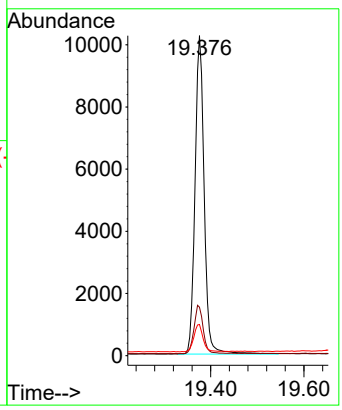


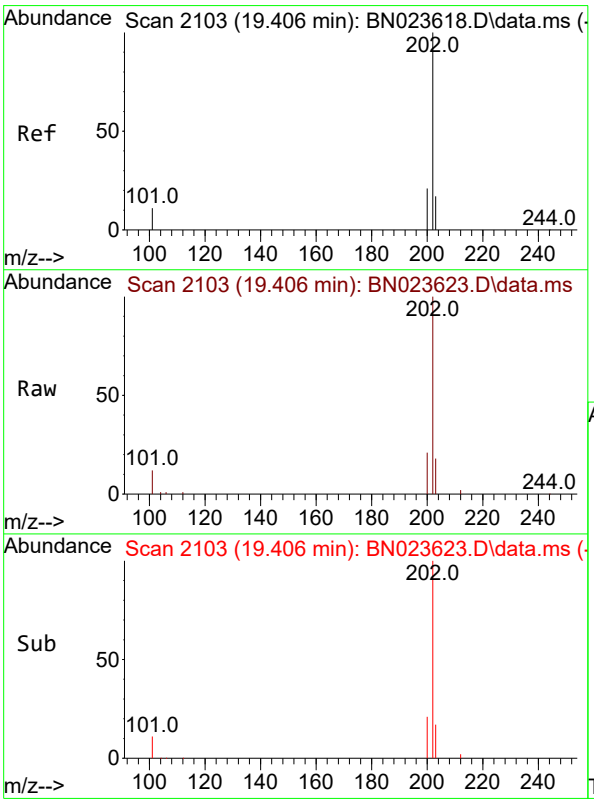
#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.376 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:212 Resp: 13934

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.2	18.4
104	8.7	7.1	10.7

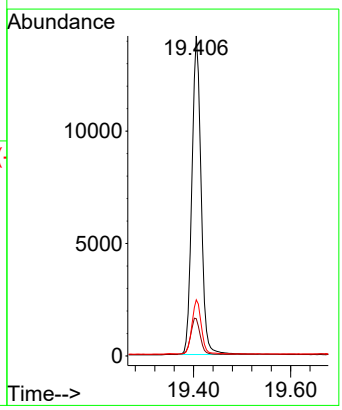


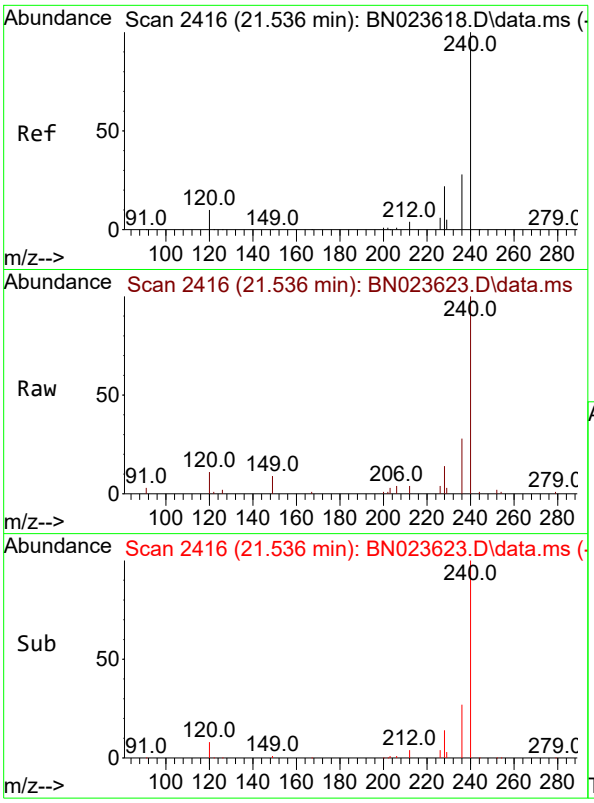


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.406 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:202 Resp: 18765

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
203	17.1	13.8	20.6



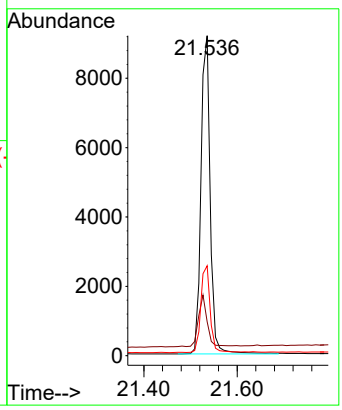


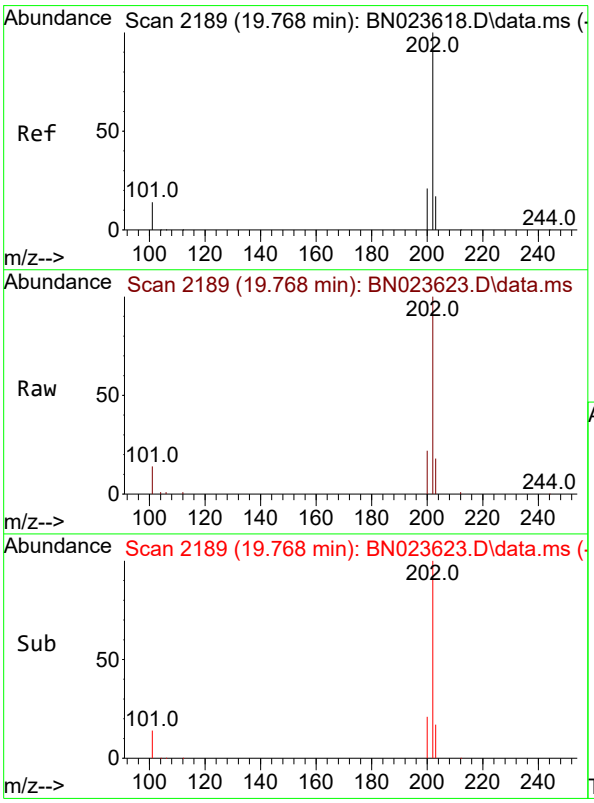
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.536 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:240 Resp: 12612

Ion	Ratio	Lower	Upper
240	100		
120	10.6	10.6	15.8
236	28.1	23.0	34.6

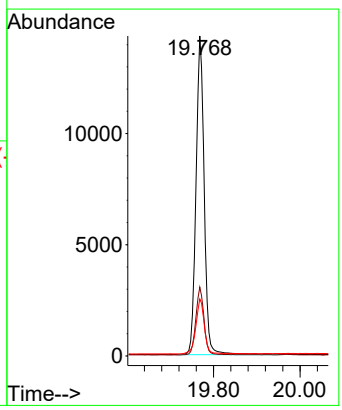


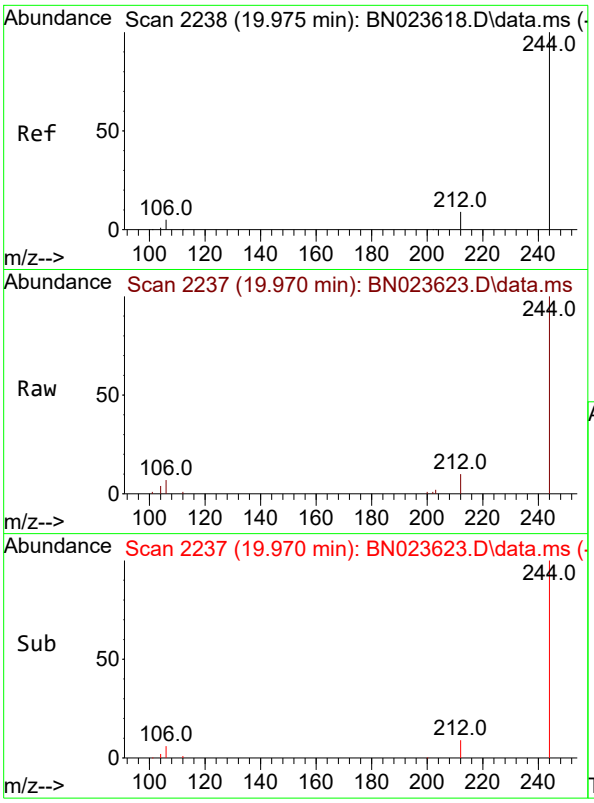


#30
Pyrene
Concen: 0.391 ng
RT: 19.768 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:202 Resp: 18889

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.6	14.2	21.2



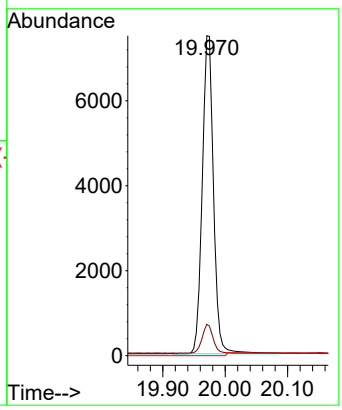


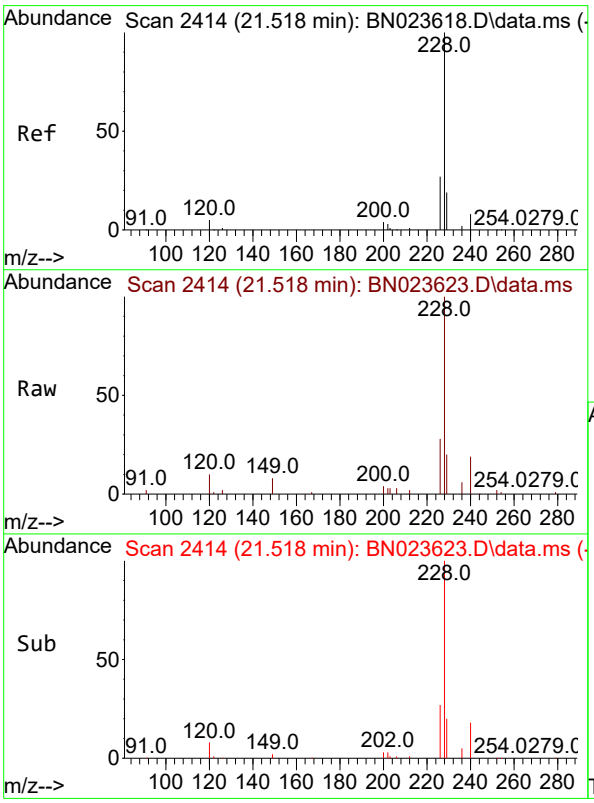
#31
Terphenyl-d14
Concen: 0.396 ng
RT: 19.970 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:244 Resp: 12655

Ion	Ratio	Lower	Upper
244	100		
212	9.8	7.5	11.3
122	0.0	0.0	0.0

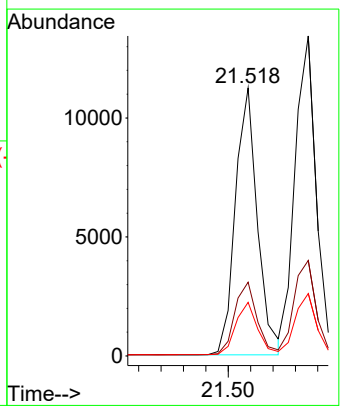


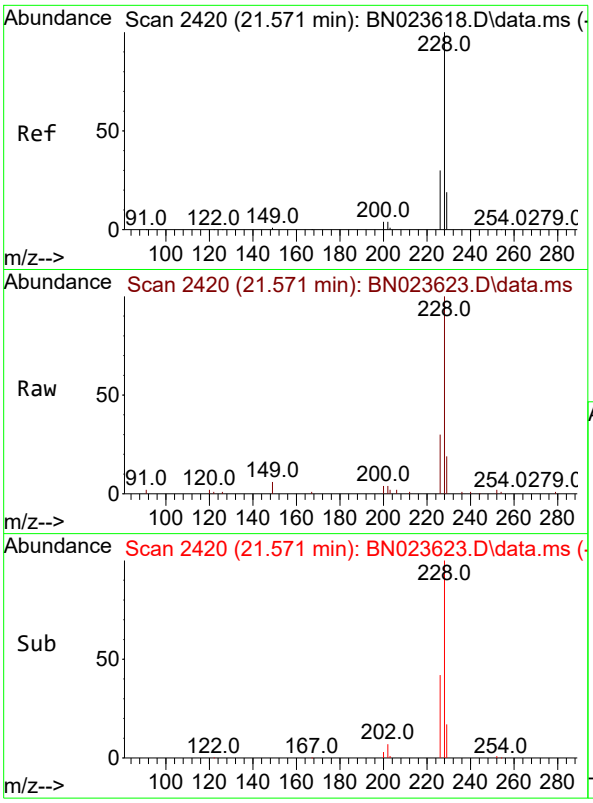


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.518 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:228 Resp: 15367

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	15.7	23.5



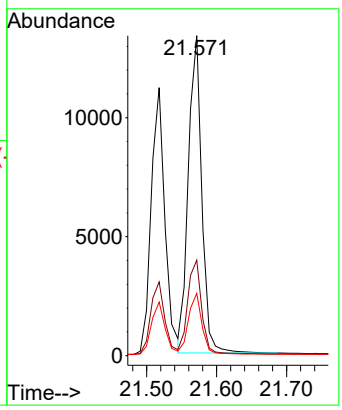


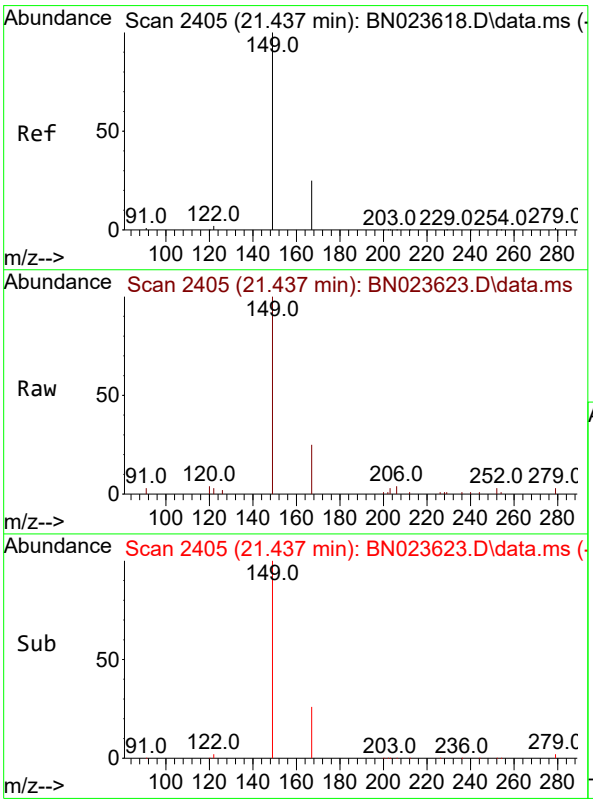
#33
Chrysene
Concen: 0.397 ng
RT: 21.571 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:228 Resp: 17808

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.5	15.6	23.4

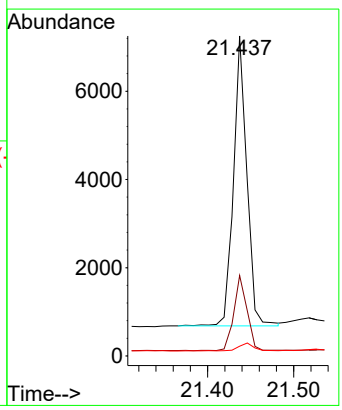


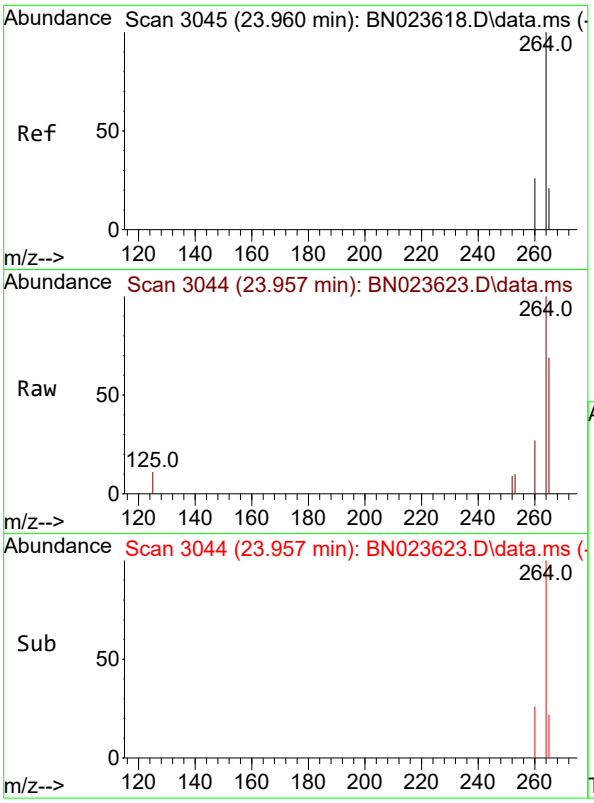


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:149 Resp: 7088

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.6	30.8
279	3.3	2.6	4.0



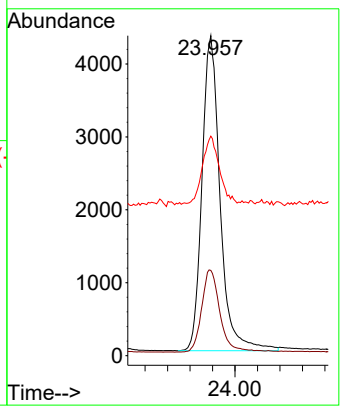


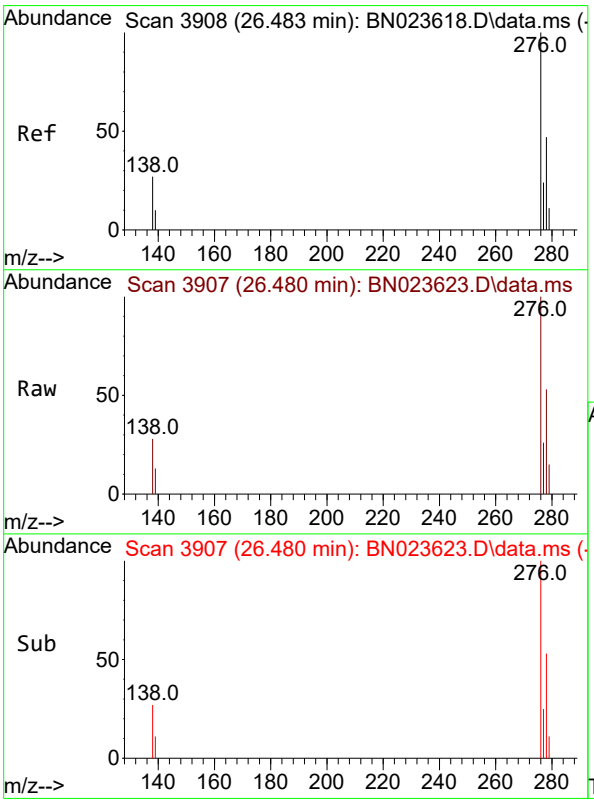
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.957 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:264 Resp: 9660

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.4	32.2
265	68.6	56.6	85.0

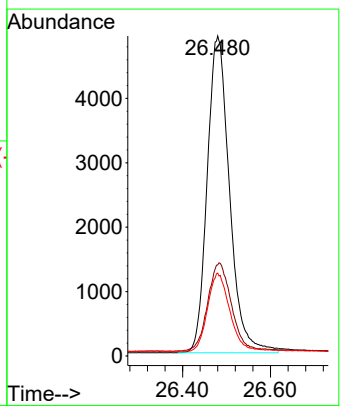


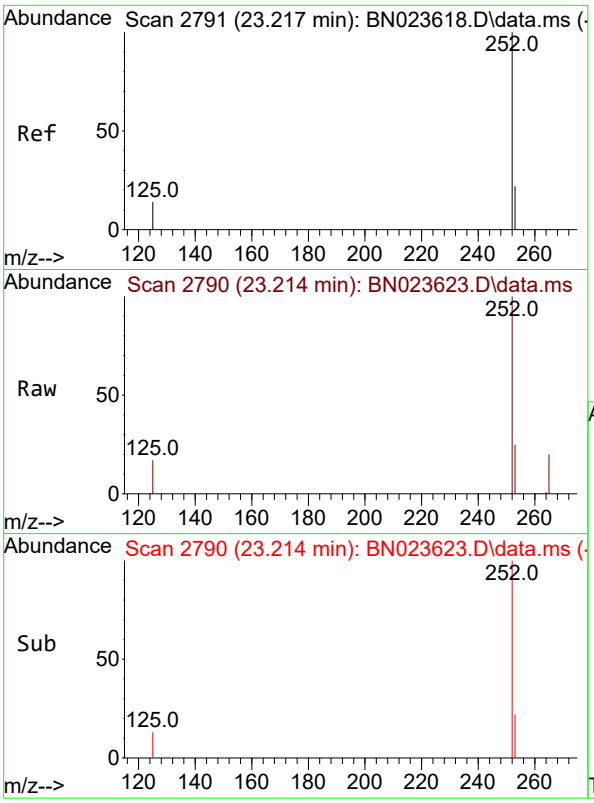


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng
RT: 26.480 min Scan# 3907
Delta R.T. -0.003 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:276 Resp: 17357

Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.8	35.8
277	24.5	19.8	29.6



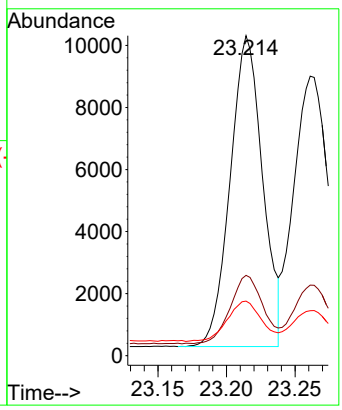


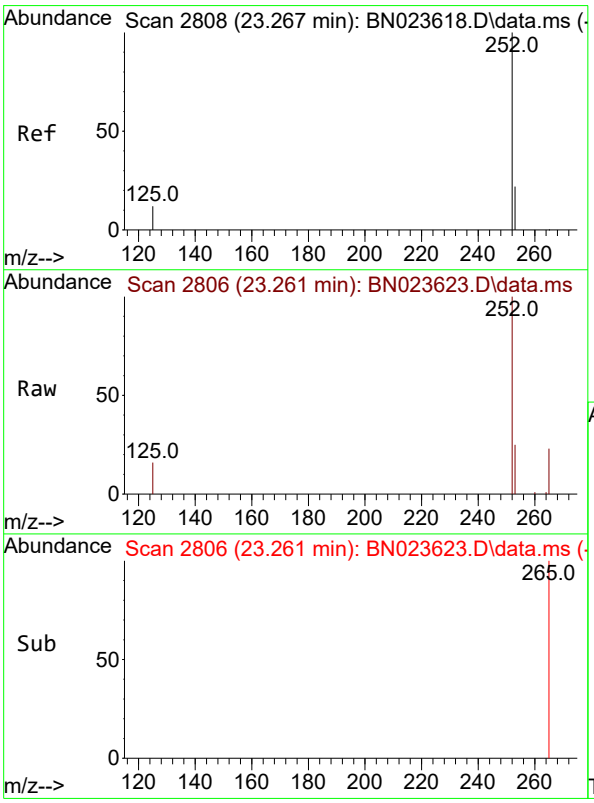
#37
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.214 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:252 Resp: 16445

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.0	30.0
125	17.1	14.4	21.6

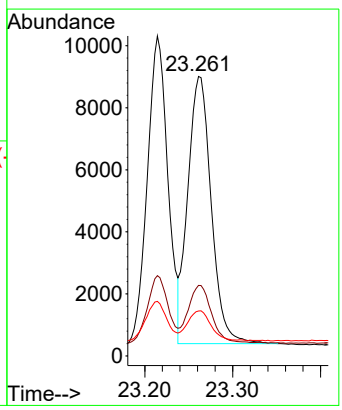


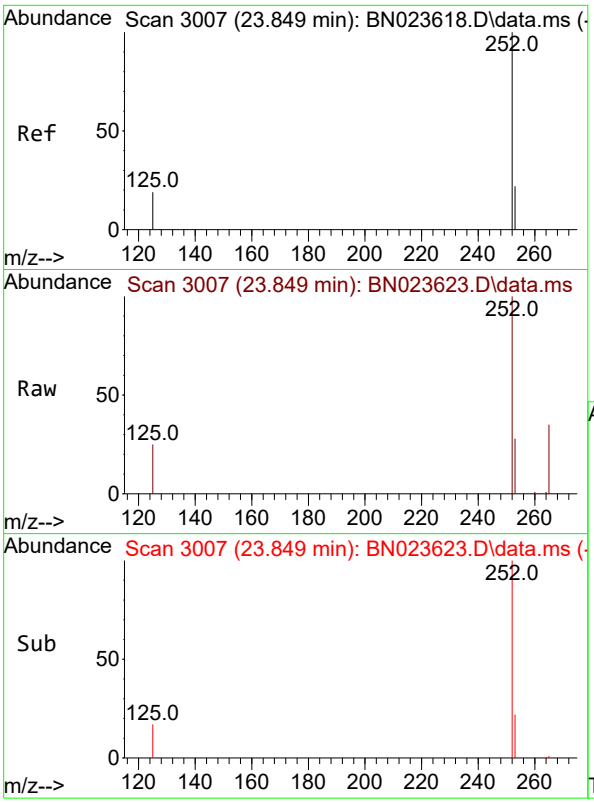


#38
Benzo(k)fluoranthene
Concen: 0.397 ng
RT: 23.261 min Scan# 2806
Delta R.T. -0.006 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:252 Resp: 15953

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	16.1	13.0	19.4



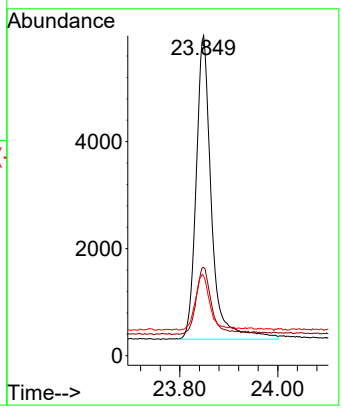


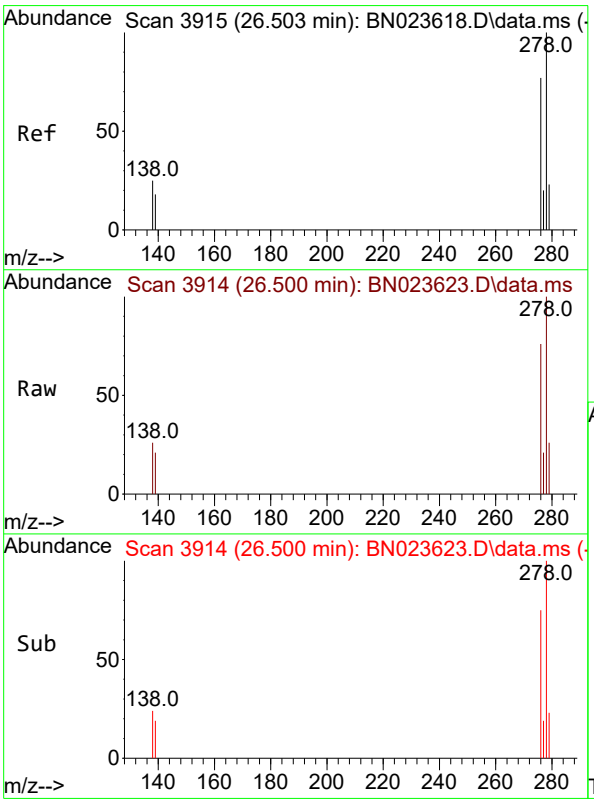
#39
Benzo(a)pyrene
Concen: 0.396 ng
RT: 23.849 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:252 Resp: 12330

Ion	Ratio	Lower	Upper
252	100		
253	27.6	22.3	33.5
125	24.9	21.2	31.8

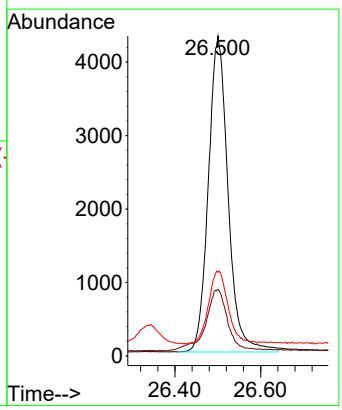


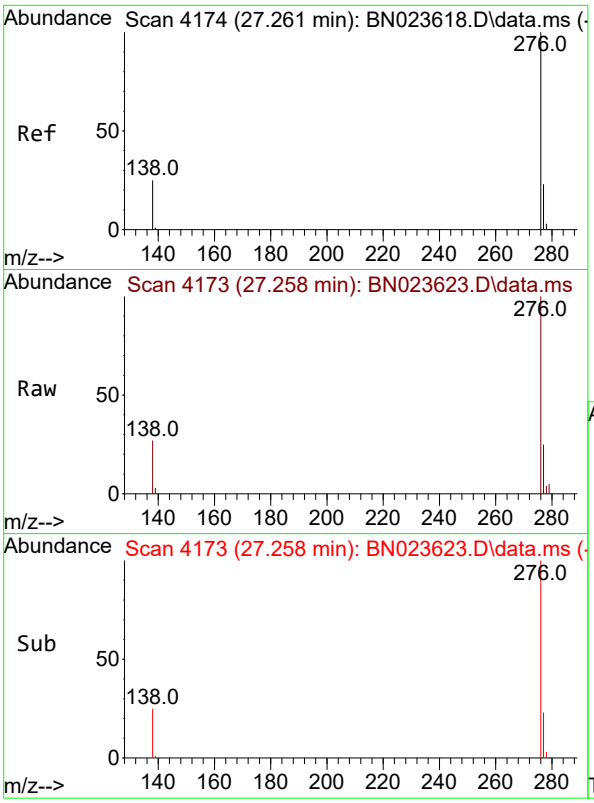


#40
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 26.500 min Scan# 3914
Delta R.T. -0.003 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Tgt Ion:278 Resp: 13735

Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.8	25.2
279	26.1	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 0.398 ng
RT: 27.258 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023623.D
Acq: 11 Jan 2023 22:38

Instrument :
BNA_N
ClientSampleId :
ICVBN011223

Tgt Ion:276 Resp: 14110

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	26.5	21.5	32.3