Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023971.D
Acq On : 07 Feb 2023 15:07
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Quant Time: Feb 08 01:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 01:53:47 2023
Response via : Initial Calibration

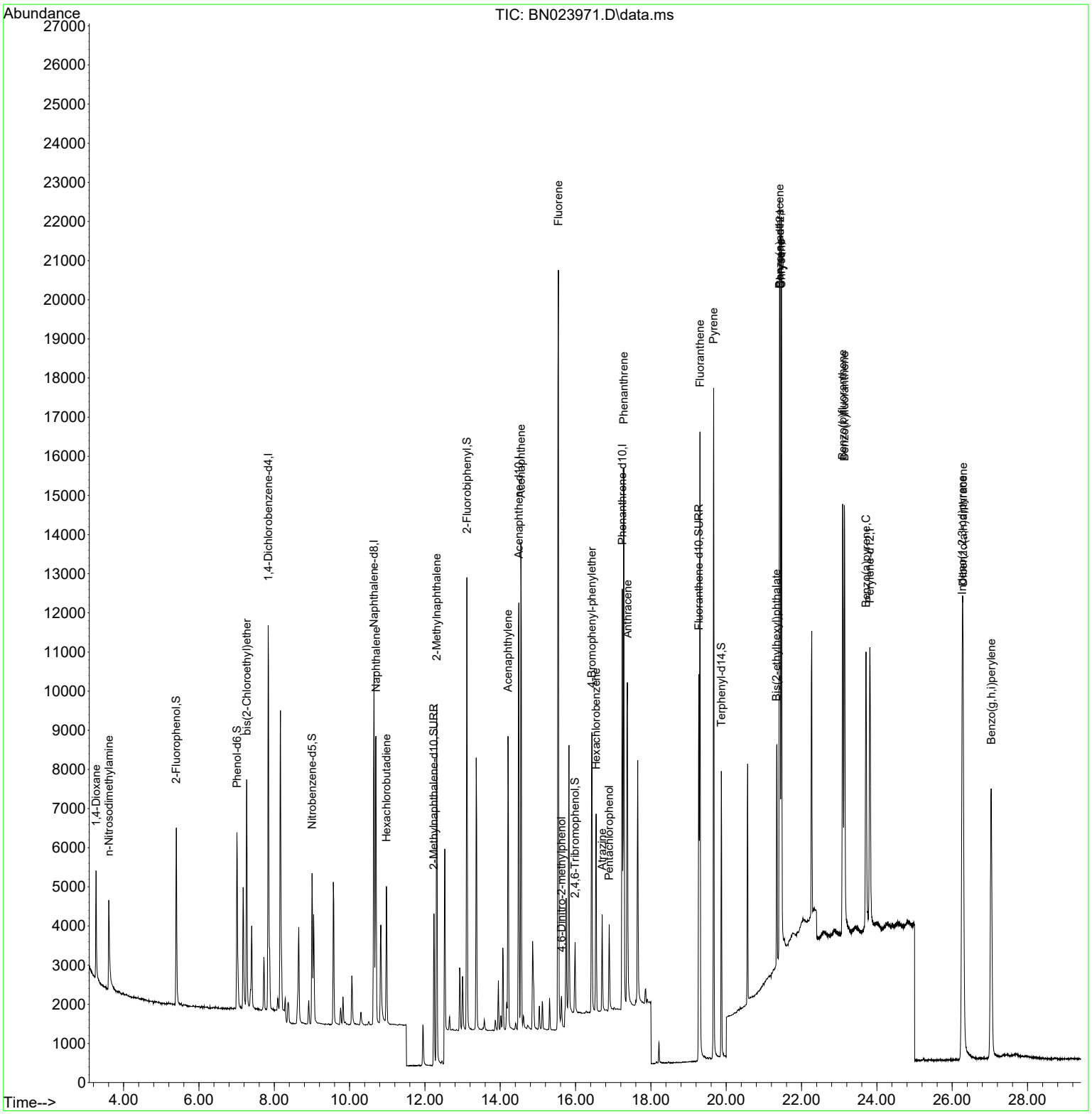
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4732	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	11347	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	6483	0.400	ng		0.01
19) Phenanthrene-d10	17.241	188	14023	0.400	ng		0.00
29) Chrysene-d12	21.428	240	12402	0.400	ng		0.00
35) Perylene-d12	23.814	264	10474	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3659	0.372	ng		0.00
5) Phenol-d6	7.010	99	4130	0.356	ng		0.00
8) Nitrobenzene-d5	9.004	82	3170	0.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	5454	0.346	ng		0.00
14) 2,4,6-Tribromophenol	15.987	330	1057	0.317	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9506	0.371	ng		0.00
27) Fluoranthene-d10	19.275	212	11510	0.338	ng		0.00
31) Terphenyl-d14	19.869	244	8231	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	1741	0.388	ng		96
3) n-Nitrosodimethylamine	3.608	42	1751	0.348	ng	#	96
6) bis(2-Chloroethyl)ether	7.270	93	4313	0.372	ng		100
9) Naphthalene	10.701	128	10187	0.360	ng		100
10) Hexachlorobutadiene	10.979	225	2726	0.367	ng	#	99
12) 2-Methylnaphthalene	12.314	142	6540	0.347	ng		99
16) Acenaphthylene	14.207	152	8468	0.335	ng		99
17) Acenaphthene	14.549	154	6142	0.358	ng		99
18) Fluorene	15.543	166	8273	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.629	198	672	0.398	ng	#	83
21) 4-Bromophenyl-phenylether	16.434	248	3207	0.352	ng		99
22) Hexachlorobenzene	16.546	284	3971	0.362	ng		98
23) Atrazine	16.707	200	1906	0.319	ng		98
24) Pentachlorophenol	16.893	266	1151	0.385	ng		96
25) Phenanthrene	17.278	178	13313	0.344	ng		100
26) Anthracene	17.377	178	10542	0.331	ng		99
28) Fluoranthene	19.304	202	14894	0.336	ng		100
30) Pyrene	19.667	202	14947	0.347	ng		100
32) Benzo(a)anthracene	21.419	228	13737	0.346	ng		100
33) Chrysene	21.464	228	15302	0.357	ng		100
34) Bis(2-ethylhexyl)phtha...	21.339	149	5731	0.316	ng		99
36) Indeno(1,2,3-cd)pyrene	26.267	276	16789	0.353	ng		100
37) Benzo(b)fluoranthene	23.092	252	14762	0.348	ng		96
38) Benzo(k)fluoranthene	23.138	252	14333	0.342	ng		97
39) Benzo(a)pyrene	23.711	252	10909	0.339	ng		95
40) Dibenzo(a,h)anthracene	26.287	278	13396	0.352	ng		98
41) Benzo(g,h,i)perylene	27.036	276	14644	0.362	ng		99

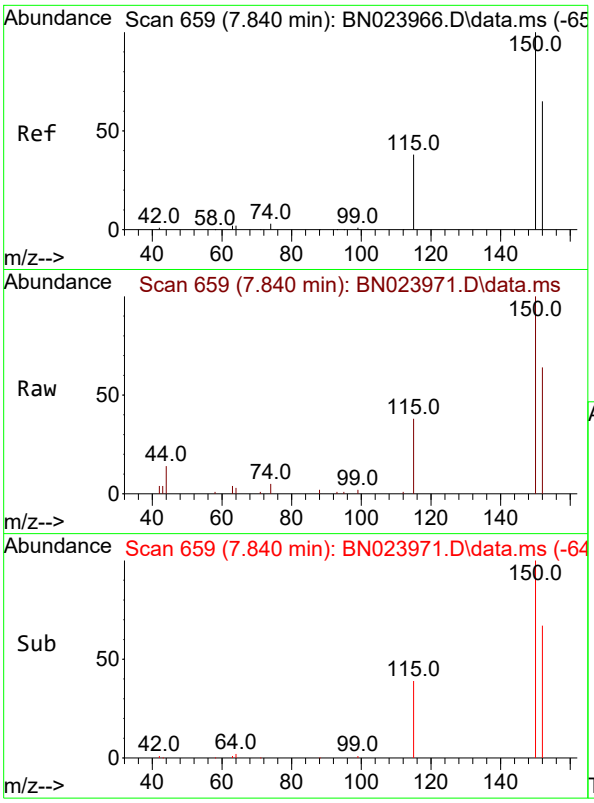
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
Data File : BN023971.D
Acq On : 07 Feb 2023 15:07
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Quant Time: Feb 08 01:55:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 01:53:47 2023
Response via : Initial Calibration



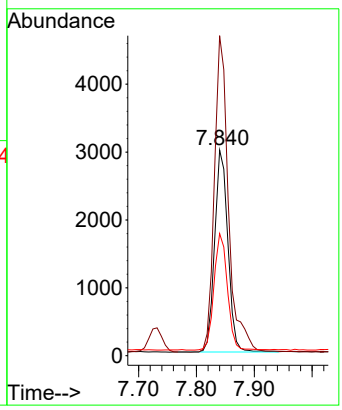


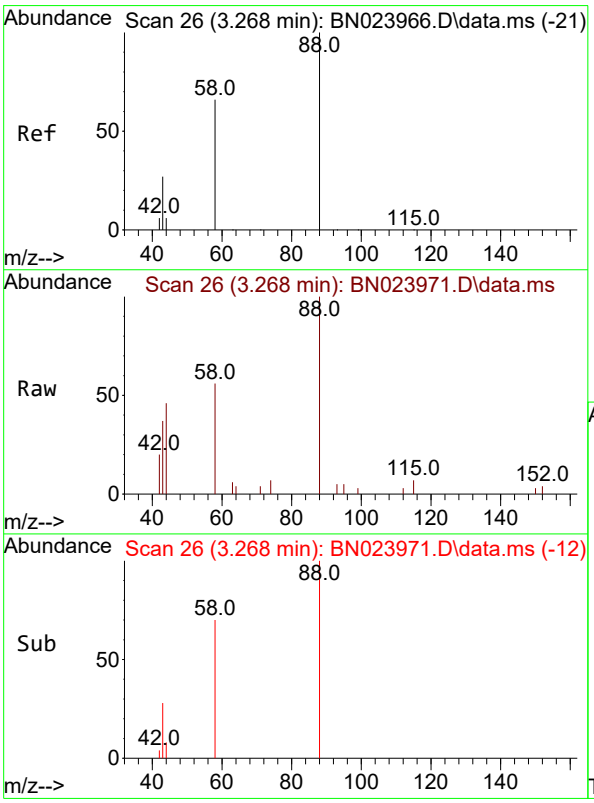
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:152 Resp: 4732

Ion	Ratio	Lower	Upper
152	100		
150	155.7	121.8	182.6
115	59.4	47.7	71.5

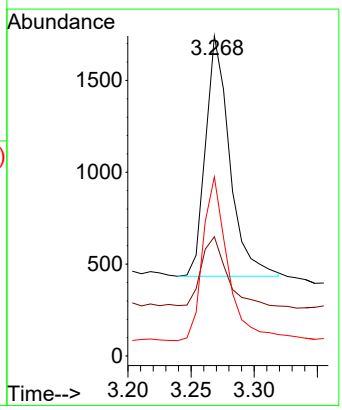


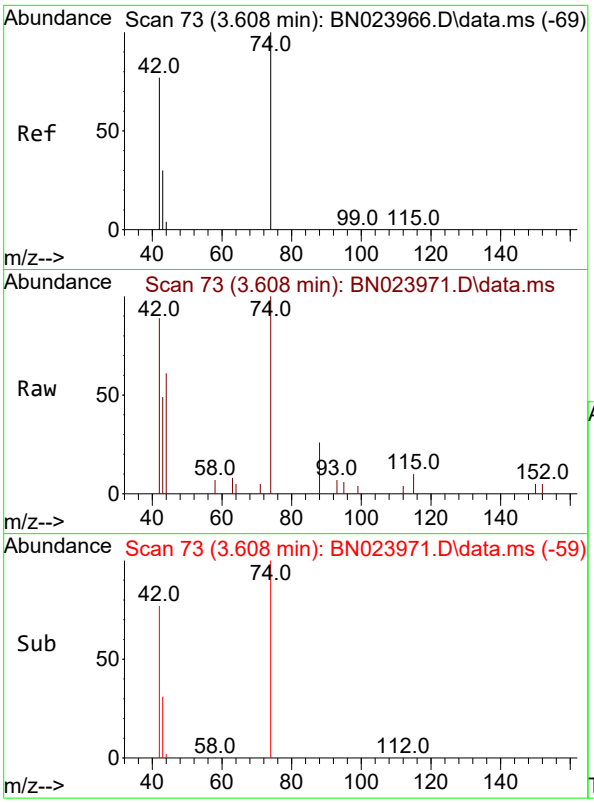


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.268 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion: 88 Resp: 1741

Ion	Ratio	Lower	Upper
88	100		
43	30.1	23.7	35.5
58	70.5	53.4	80.2



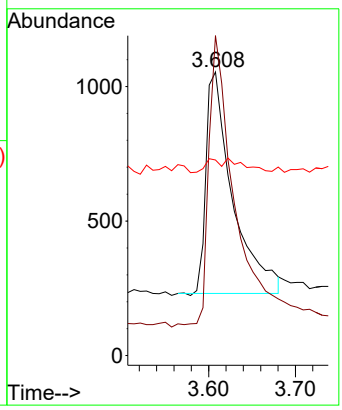


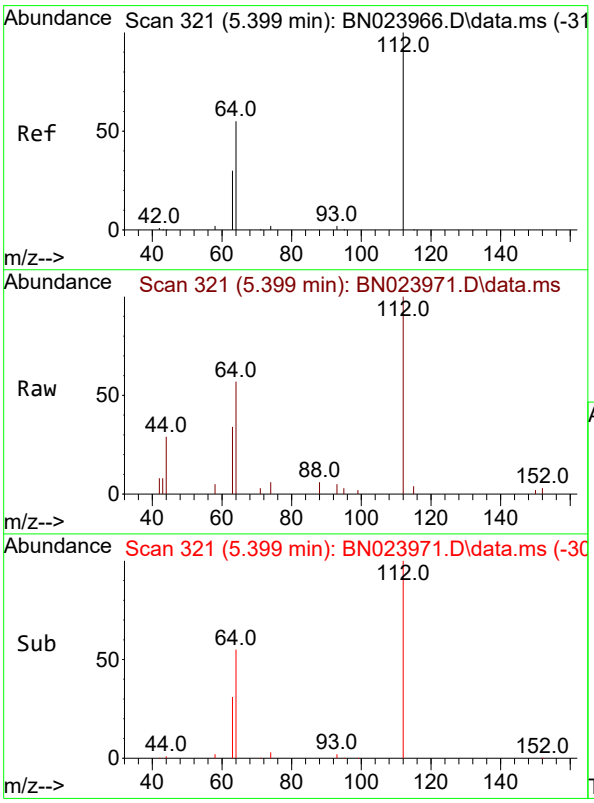
#3
n-Nitrosodimethylamine
Concen: 0.348 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion: 42 Resp: 1751

Ion	Ratio	Lower	Upper
42	100		
74	128.7	99.3	148.9
44	3.4	4.2	6.4#

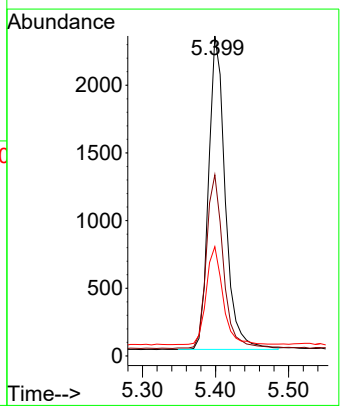


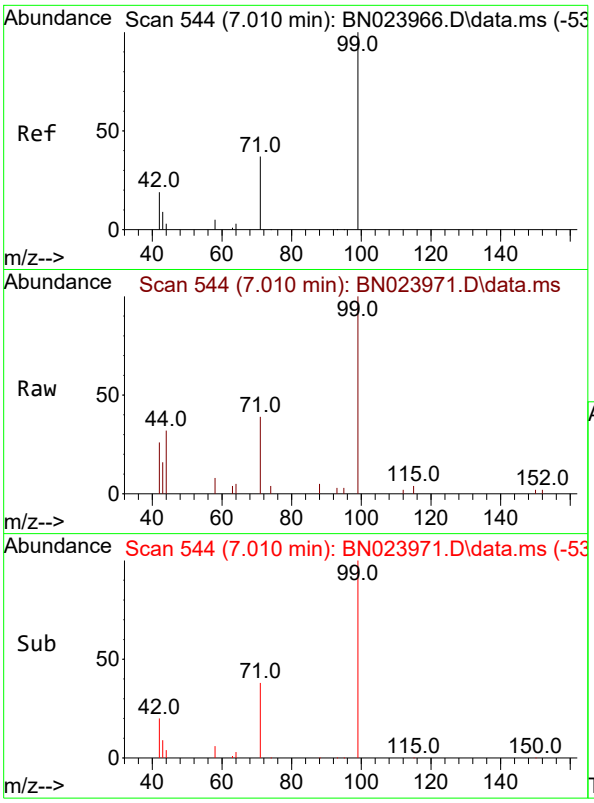


#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:112 Resp: 3659

Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.8	67.2
63	31.3	25.1	37.7



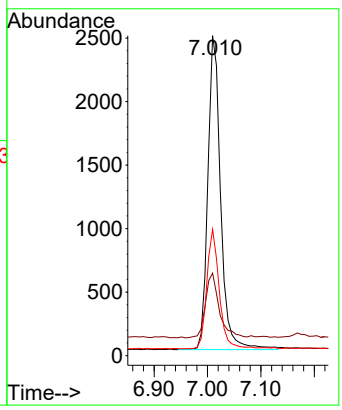


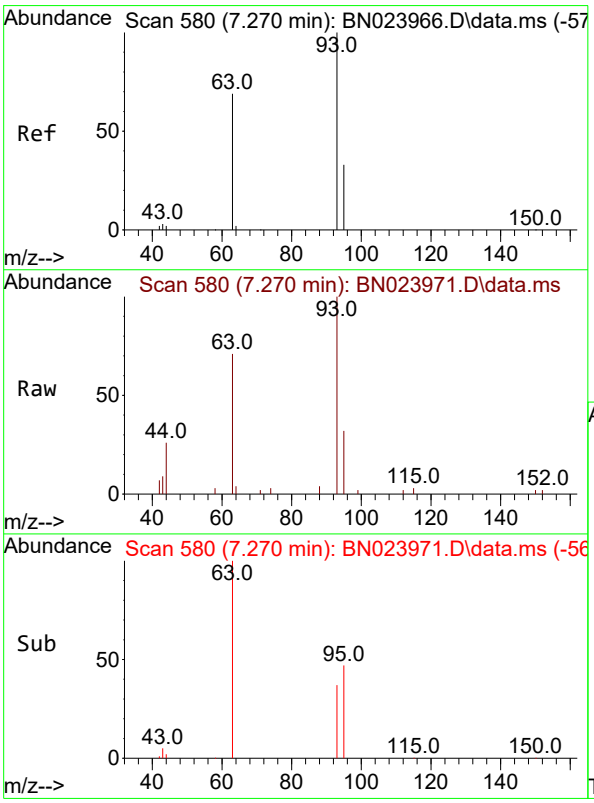
#5
Phenol-d6
Concen: 0.356 ng
RT: 7.010 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion: 99 Resp: 4130

Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.0	25.6
71	36.9	29.0	43.4

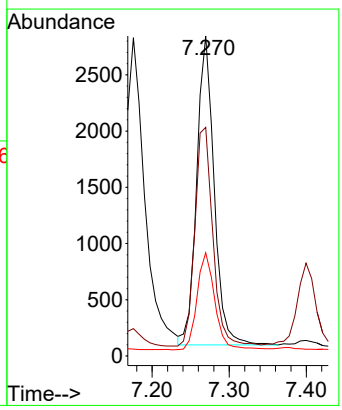


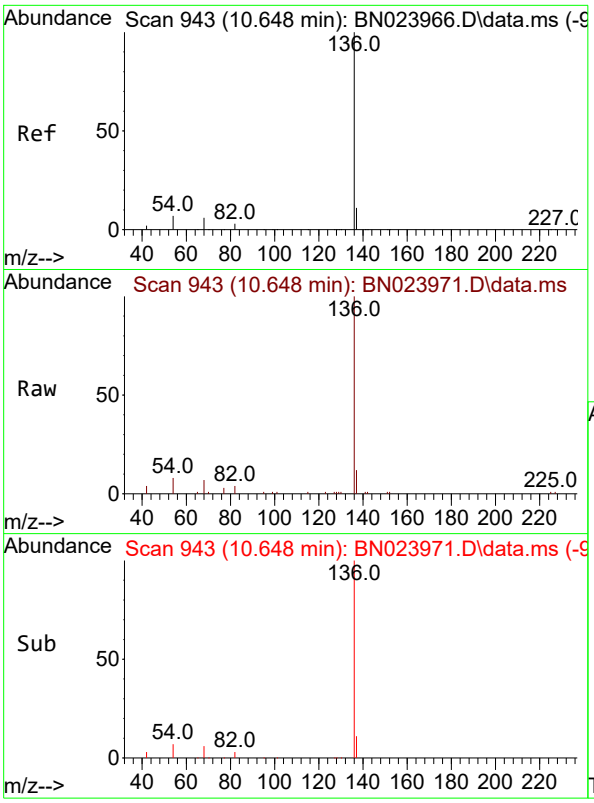


#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.270 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion: 93 Resp: 4313

Ion	Ratio	Lower	Upper
93	100		
63	73.1	58.4	87.6
95	32.5	25.8	38.6



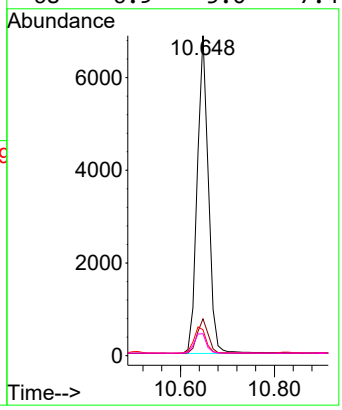


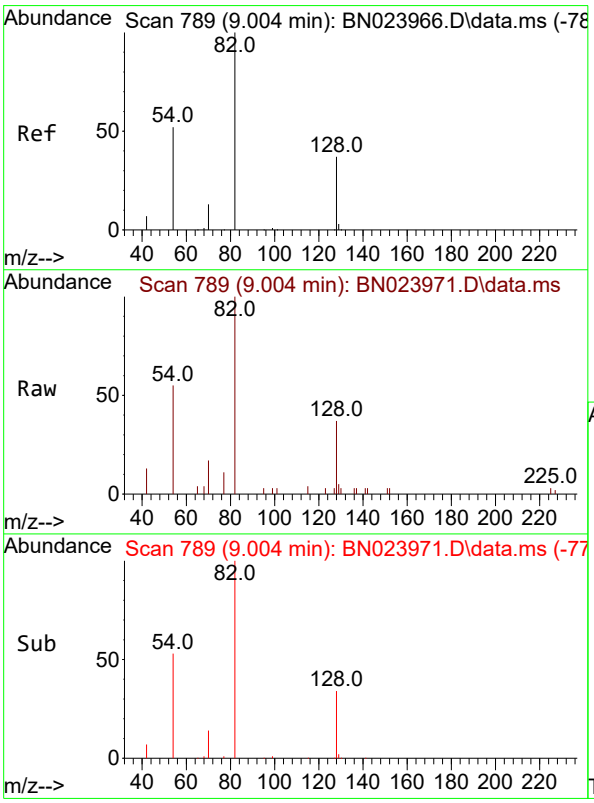
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:136 Resp: 11347

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.1	5.8	8.8
68	6.9	5.0	7.4

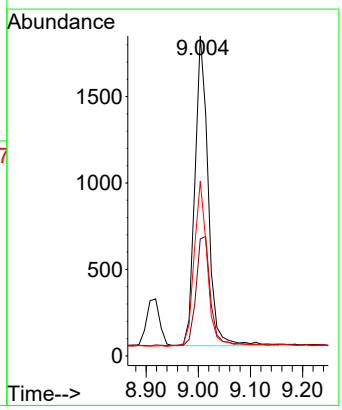


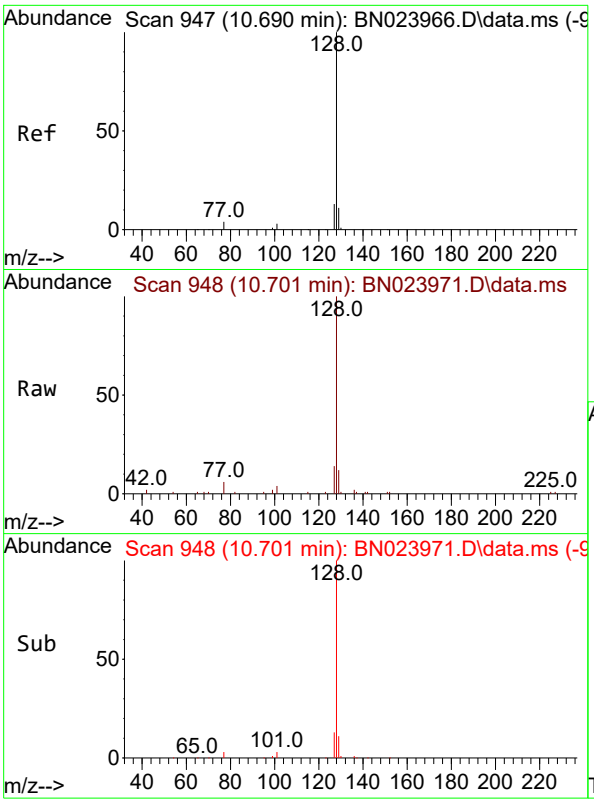


#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion: 82 Resp: 3170

Ion	Ratio	Lower	Upper
82	100		
128	36.6	31.5	47.3
54	54.6	42.8	64.2



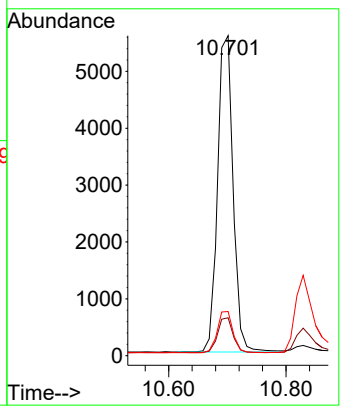


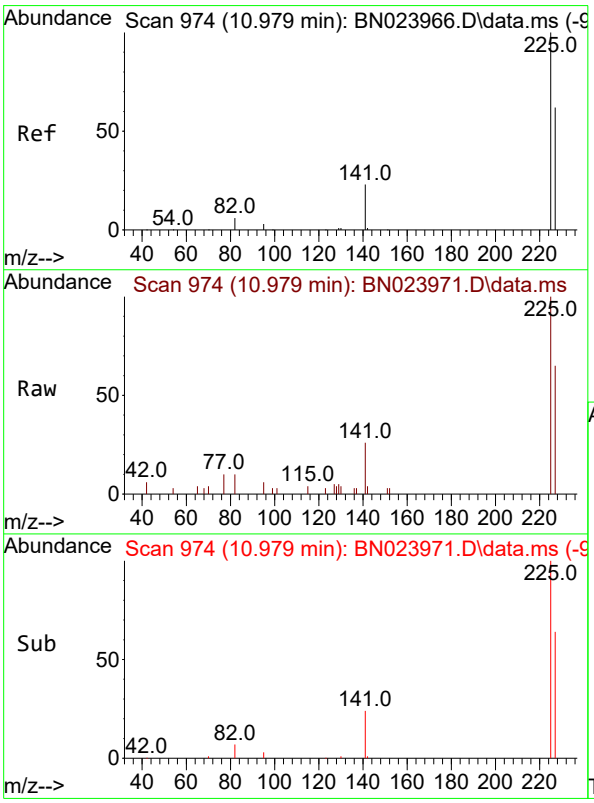
#9
Naphthalene
Concen: 0.360 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:128 Resp: 10187

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.3	13.9
127	13.8	11.0	16.4

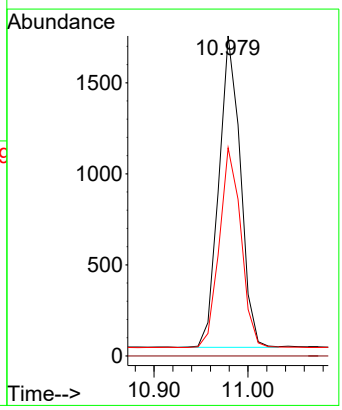


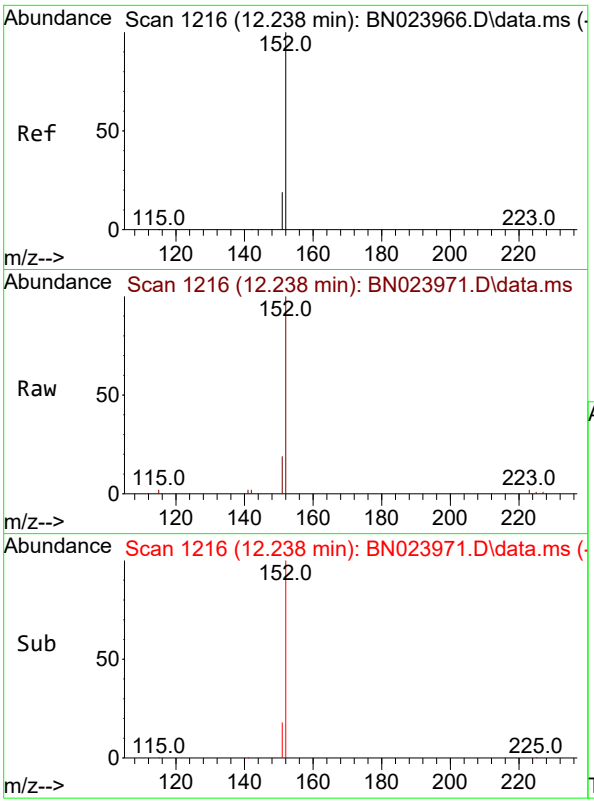


#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 10.979 min Scan# 974
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:225 Resp: 2726

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.1	76.7



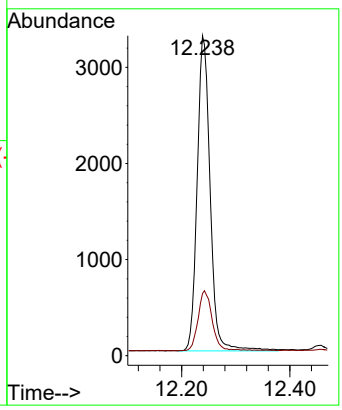


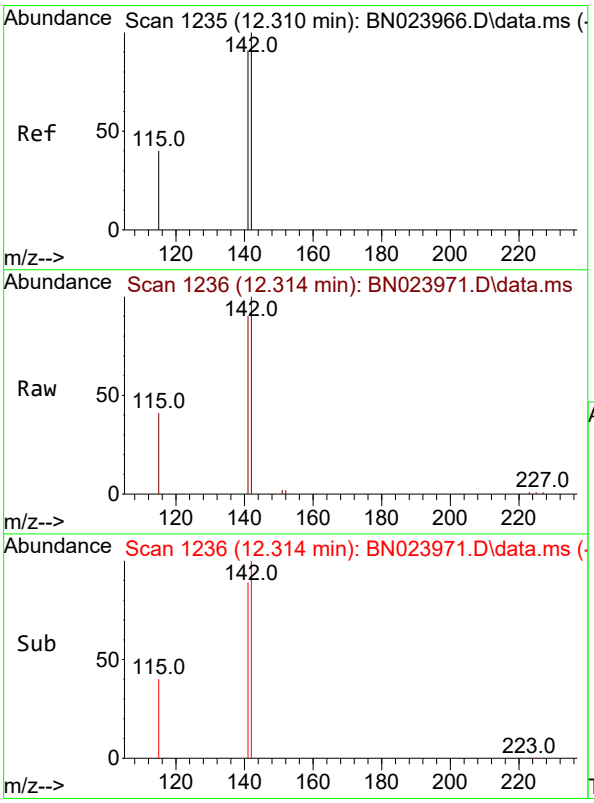
#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:152 Resp: 5454

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8

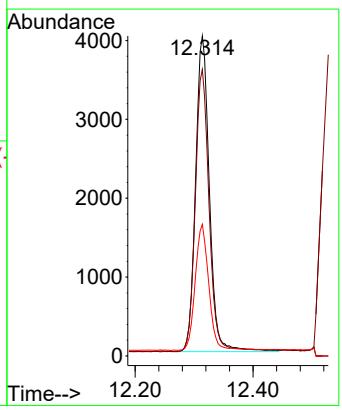


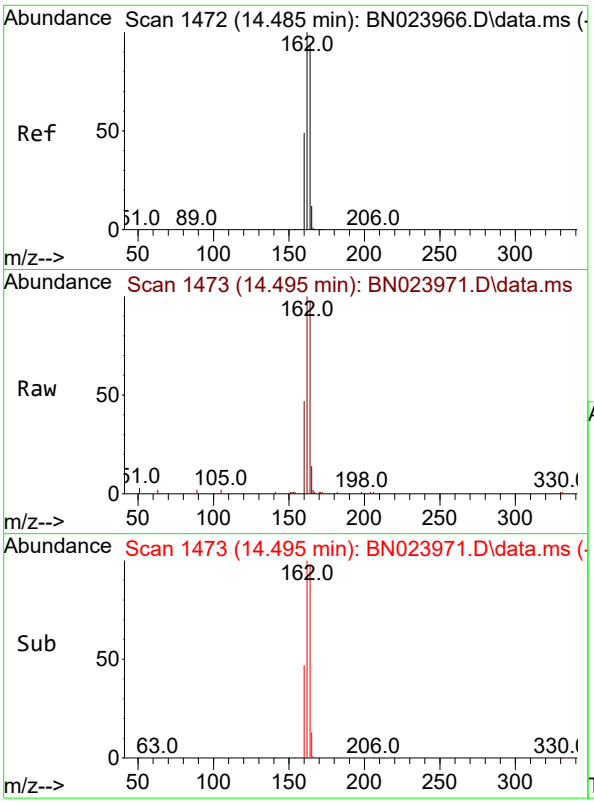


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.314 min Scan# 1236
Delta R.T. 0.004 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:142 Resp: 6540

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.9	109.3
115	41.1	33.1	49.7



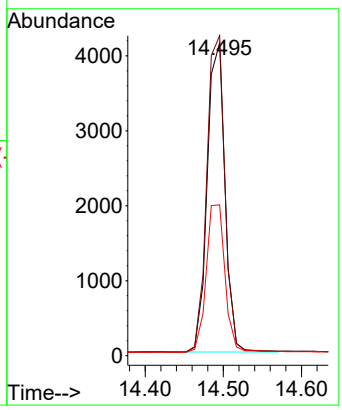


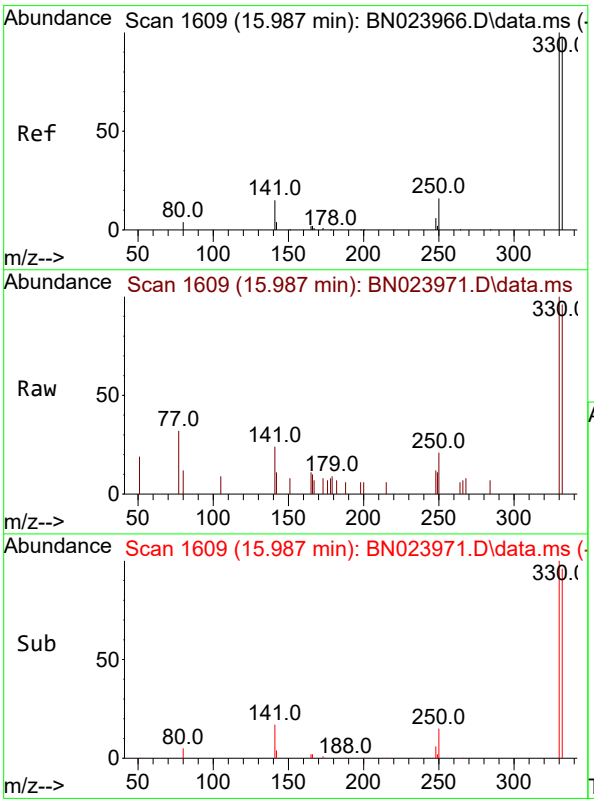
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:164 Resp: 6483

Ion	Ratio	Lower	Upper
164	100		
162	102.3	84.8	127.2
160	48.2	42.0	63.0

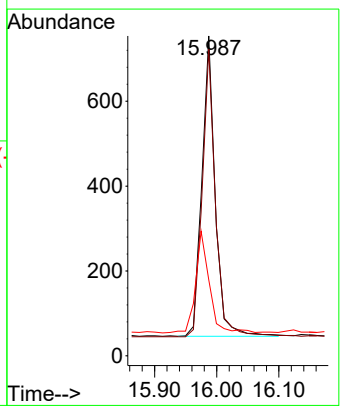


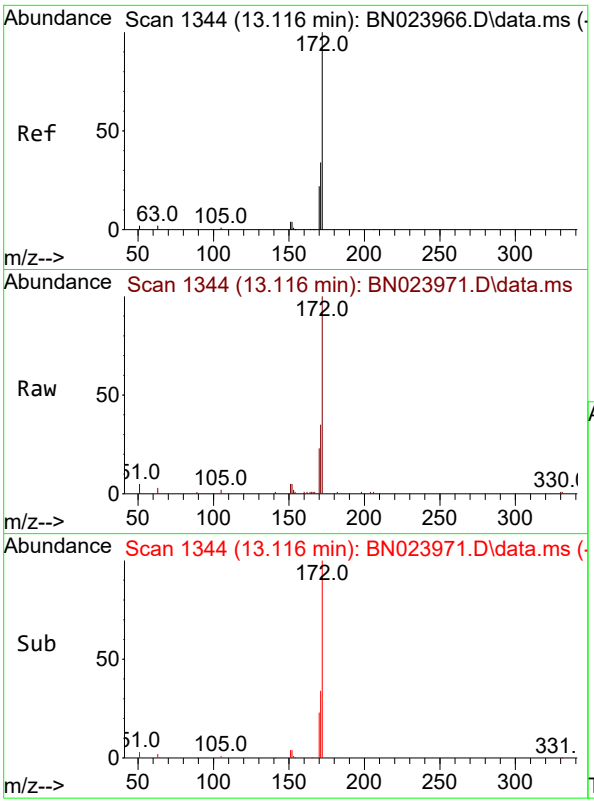


#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.987 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:330 Resp: 1057

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.7	116.5
141	34.1	26.6	39.8



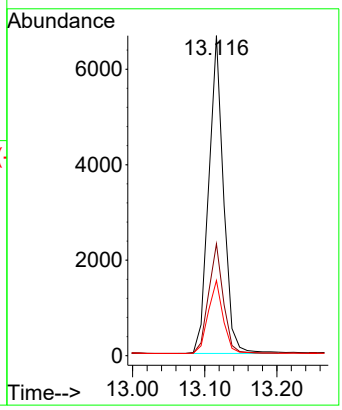


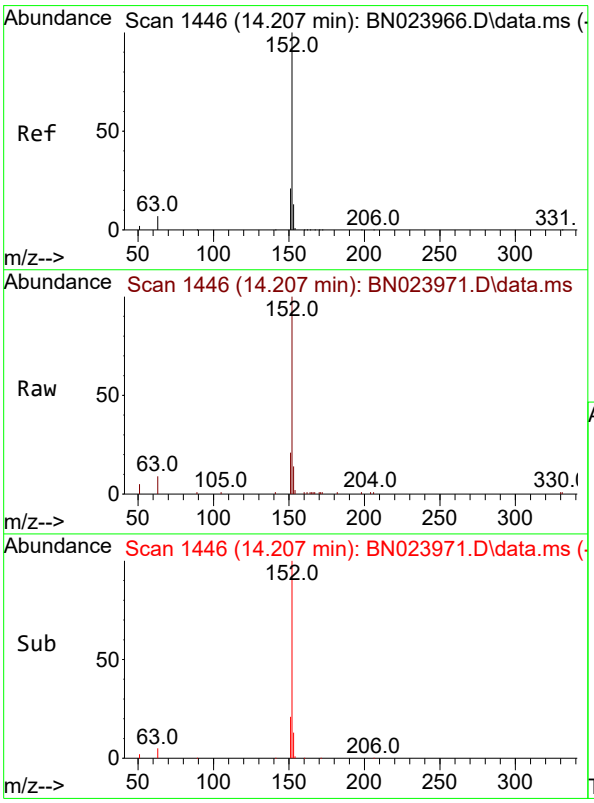
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:172 Resp: 9506

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.4	41.2
170	23.5	18.2	27.4

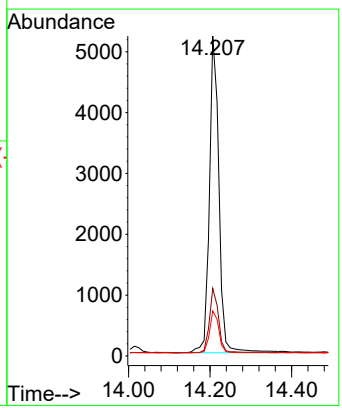


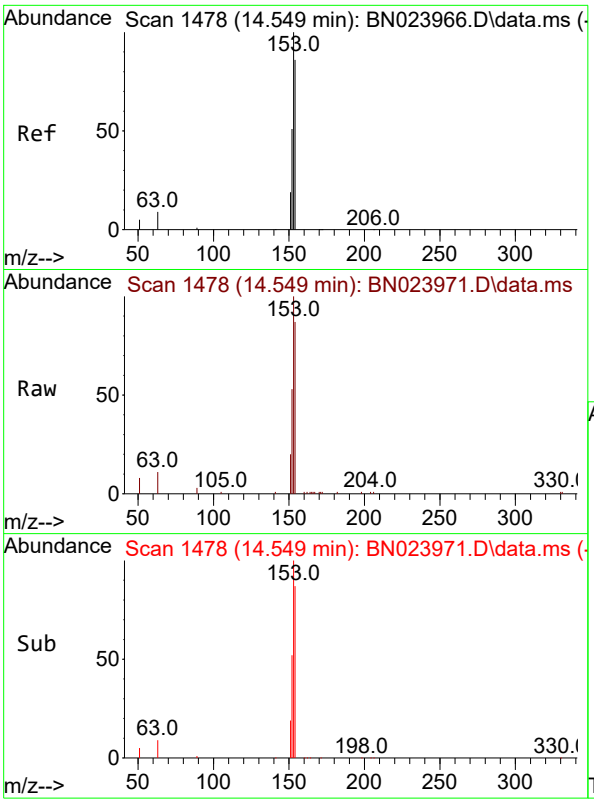


#16
Acenaphthylene
Concen: 0.335 ng
RT: 14.207 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:152 Resp: 8468

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	12.8	10.5	15.7



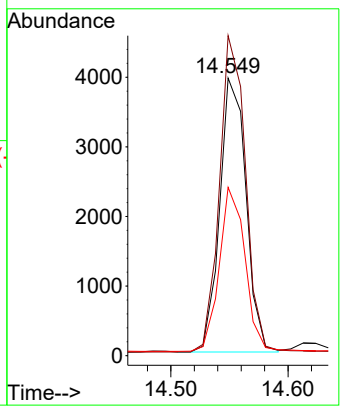


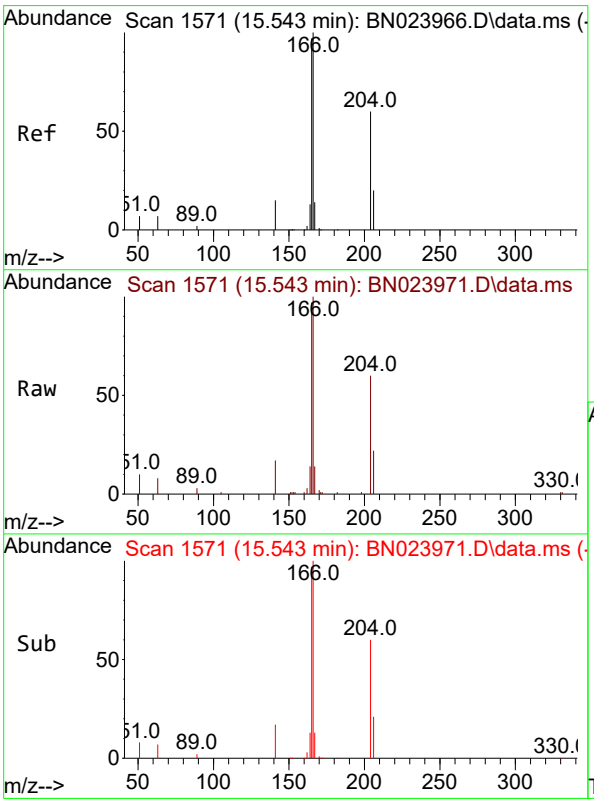
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.549 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:154 Resp: 6142

Ion	Ratio	Lower	Upper
154	100		
153	114.6	92.6	139.0
152	59.0	46.5	69.7

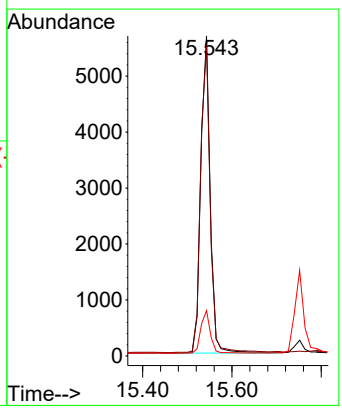


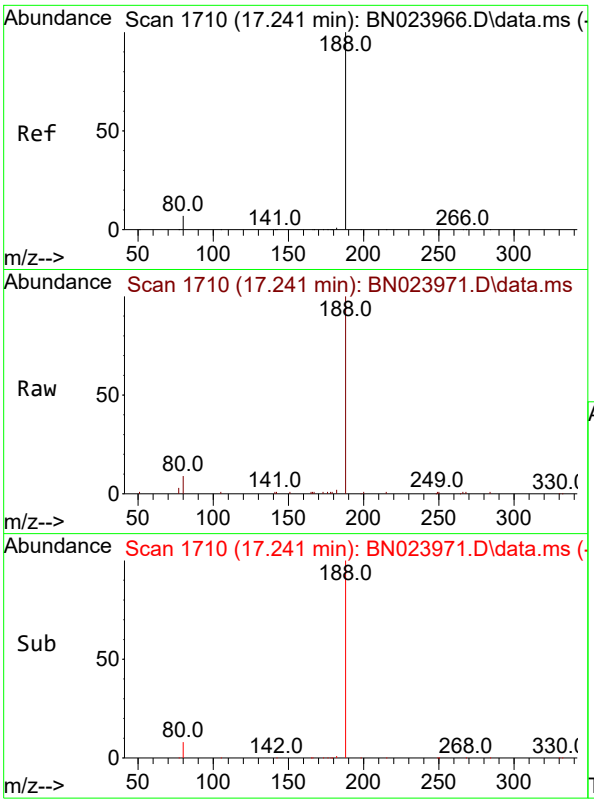


#18
Fluorene
Concen: 0.355 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:166 Resp: 8273

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.4	11.0	16.6



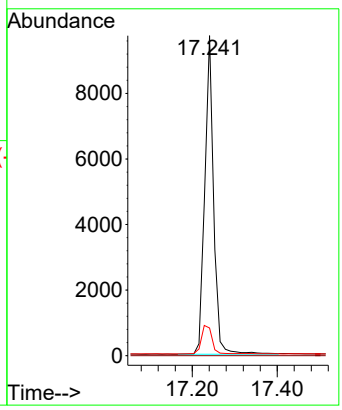


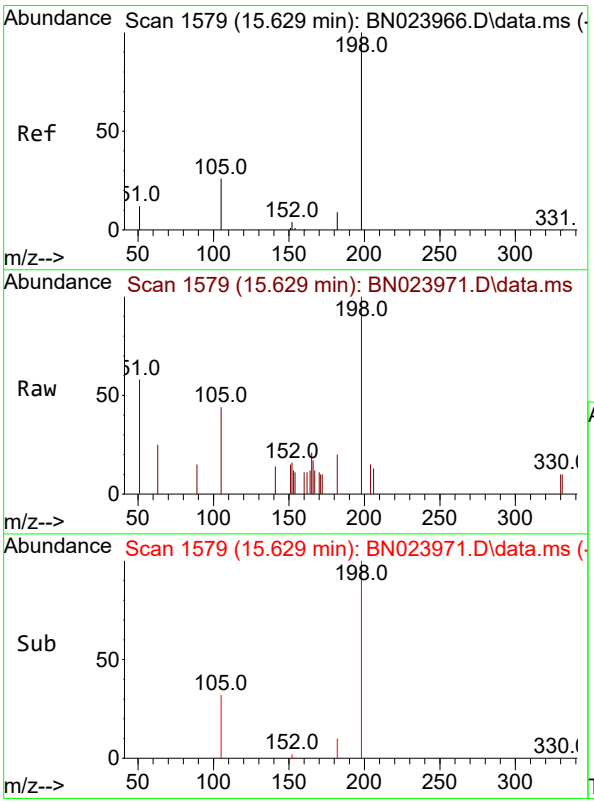
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.241 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:188 Resp: 14023

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.6	6.1	9.1

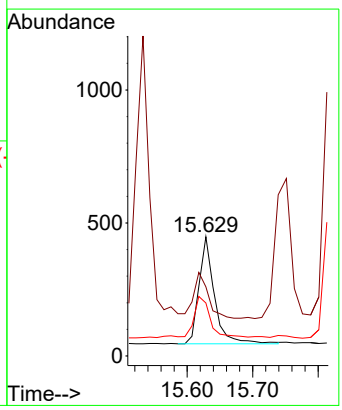


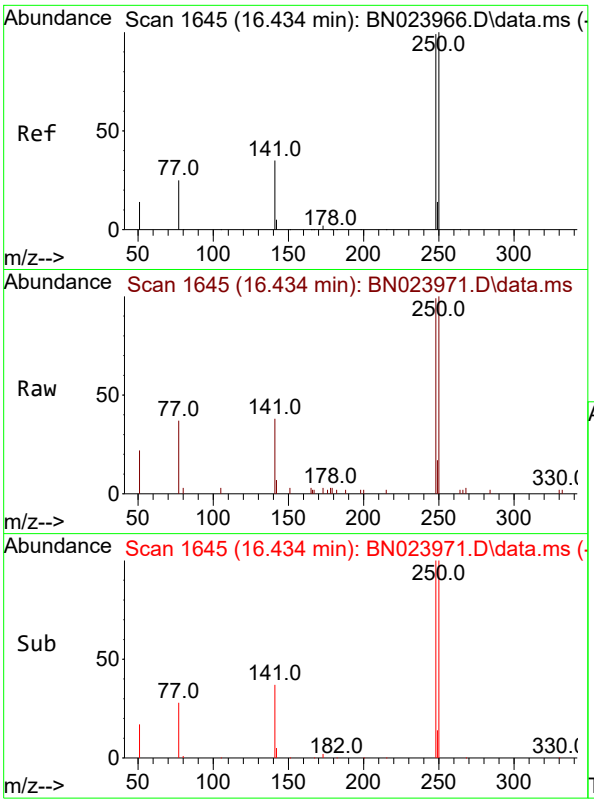


#20
4,6-Dinitro-2-methylphenol
Concen: 0.398 ng
RT: 15.629 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:198 Resp: 672

Ion	Ratio	Lower	Upper
198	100		
51	58.0	36.8	55.2#
105	44.4	28.8	43.2#



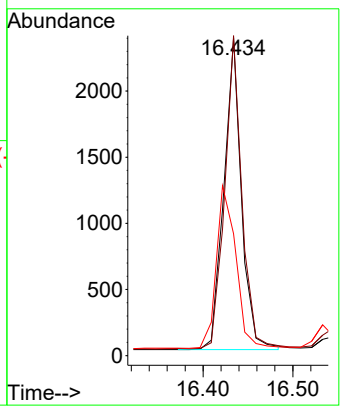


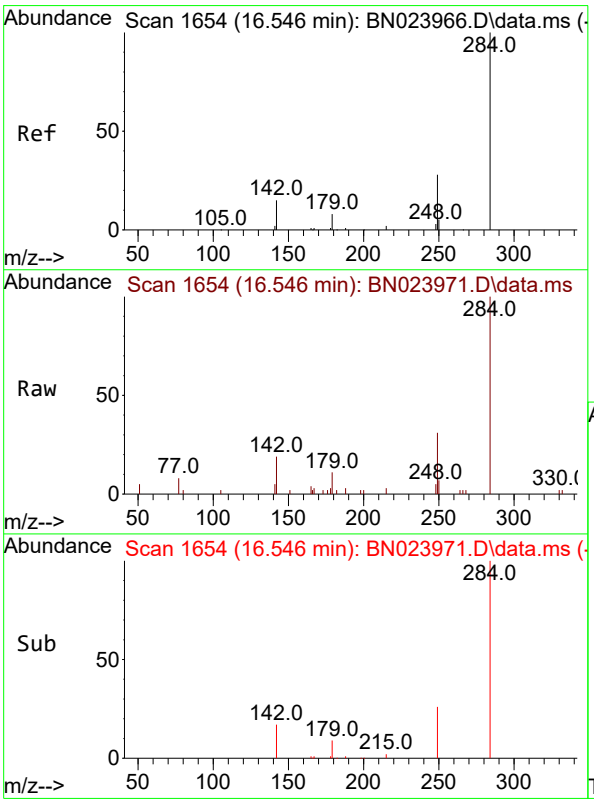
#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.434 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:248 Resp: 3207

Ion	Ratio	Lower	Upper
248	100		
250	100.7	80.8	121.2
141	38.3	29.2	43.8

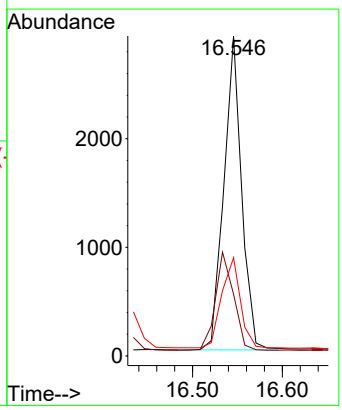


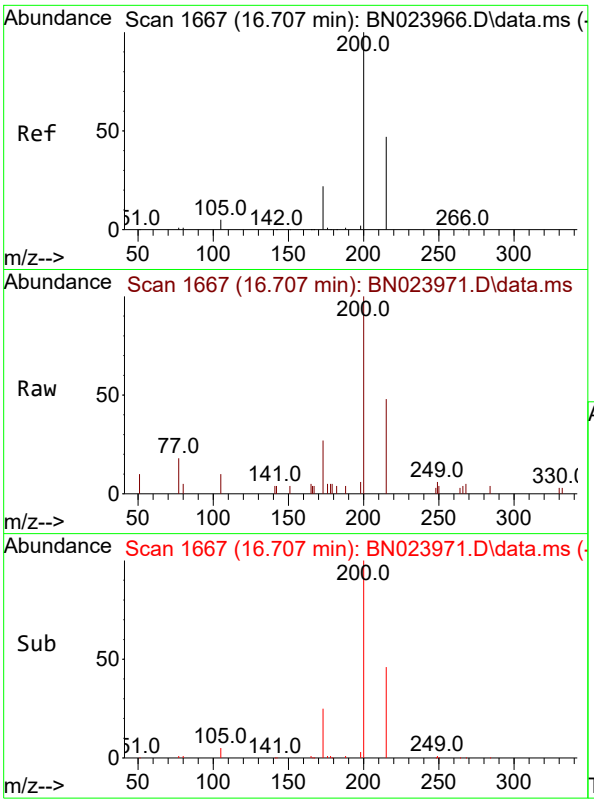


#22
Hexachlorobenzene
Concen: 0.362 ng
RT: 16.546 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:284 Resp: 3971

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.2	39.2
249	30.2	25.0	37.4



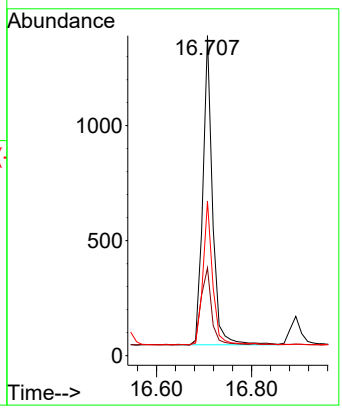


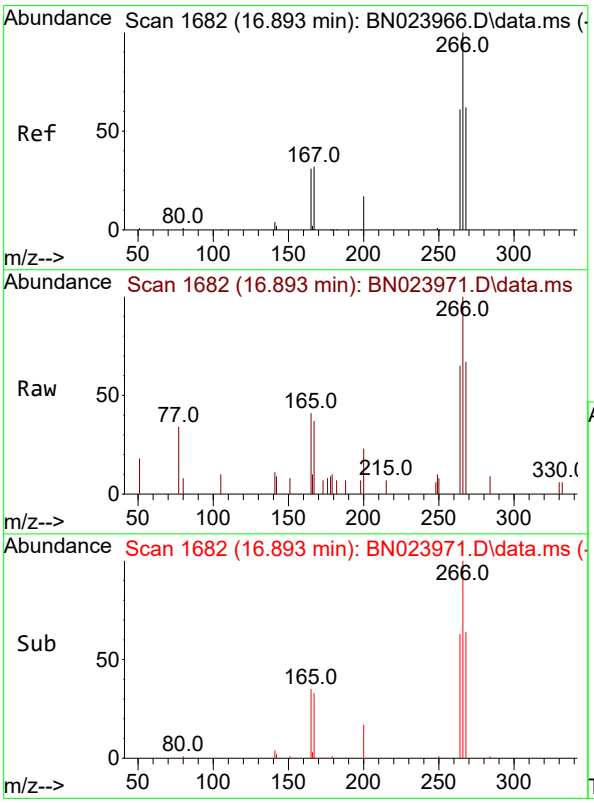
#23
Atrazine
Concen: 0.319 ng
RT: 16.707 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:200 Resp: 1906

Ion	Ratio	Lower	Upper
200	100		
173	27.5	19.5	29.3
215	48.2	38.6	58.0

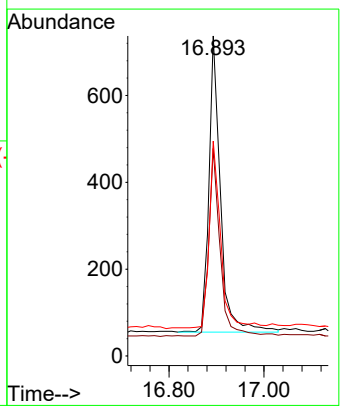


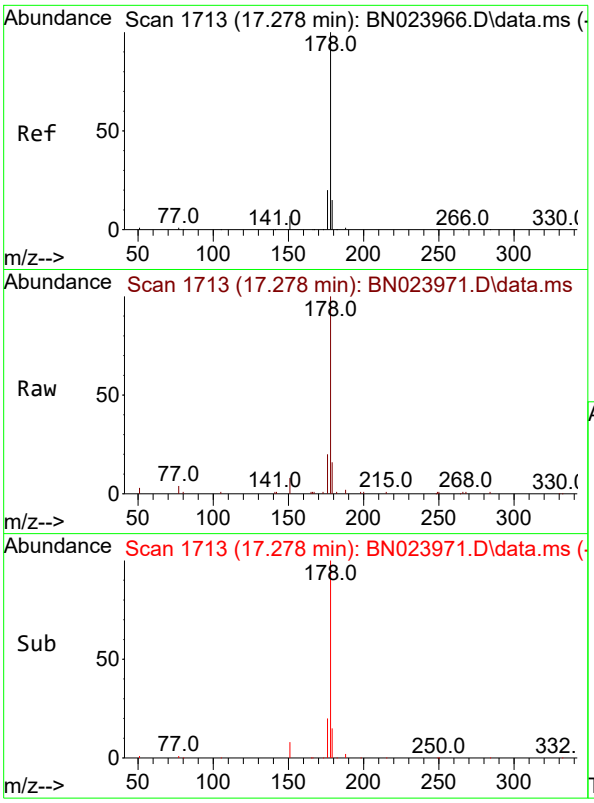


#24
Pentachlorophenol
Concen: 0.385 ng
RT: 16.893 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:266 Resp: 1151

Ion	Ratio	Lower	Upper
266	100		
264	62.4	47.6	71.4
268	62.5	47.5	71.3



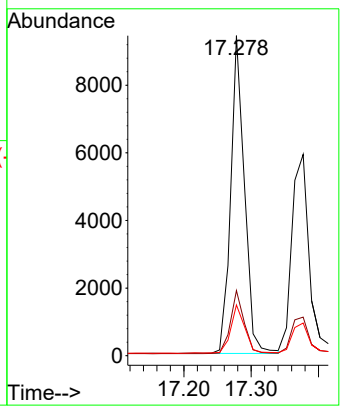


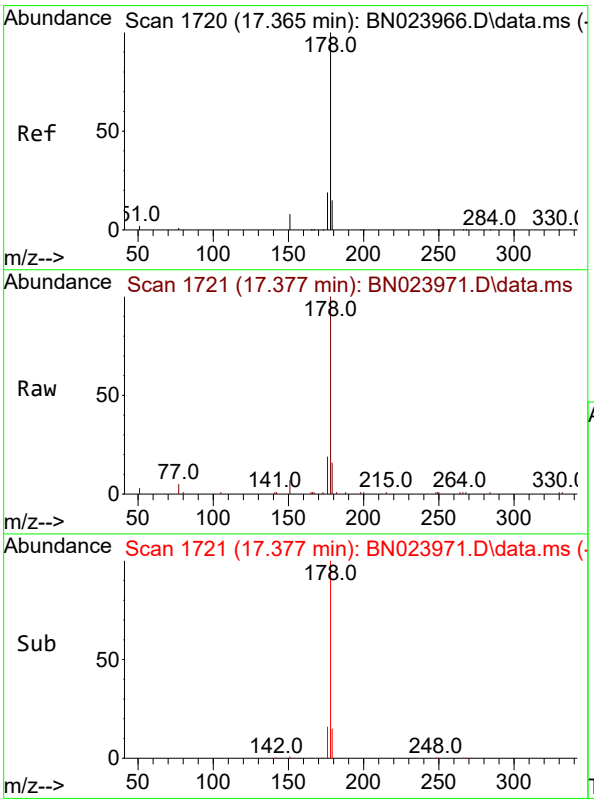
#25
Phenanthrene
Concen: 0.344 ng
RT: 17.278 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:178 Resp: 13313

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	15.8	12.6	19.0

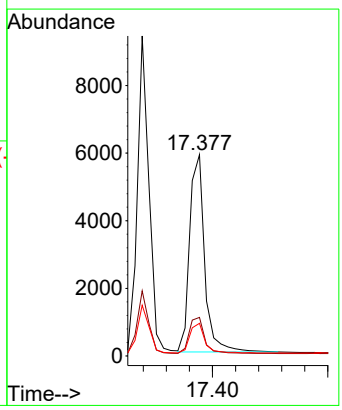


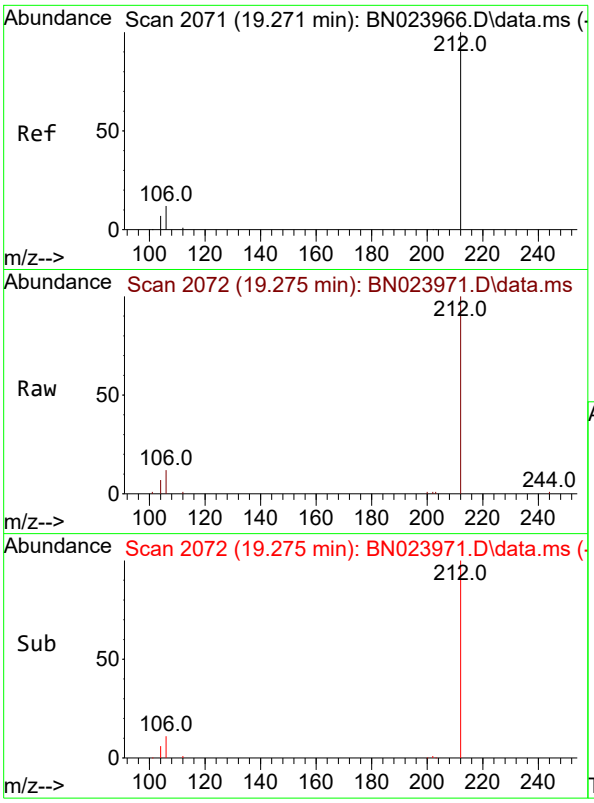


#26
Anthracene
Concen: 0.331 ng
RT: 17.377 min Scan# 1721
Delta R.T. 0.012 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:178 Resp: 10542

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	14.9	12.2	18.4



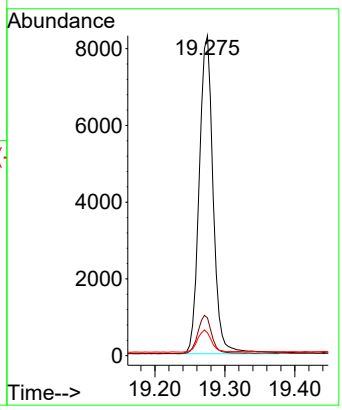


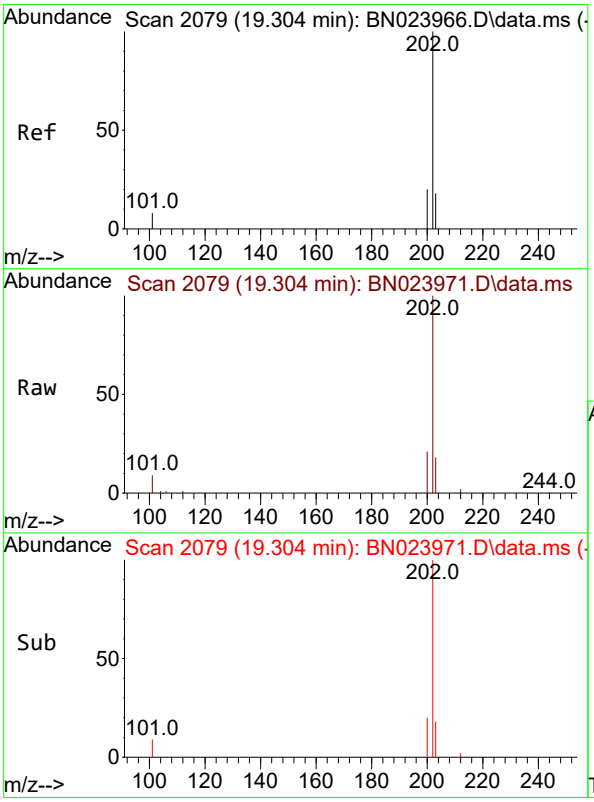
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.275 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:212 Resp: 11510

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.2	13.8
104	6.8	5.7	8.5

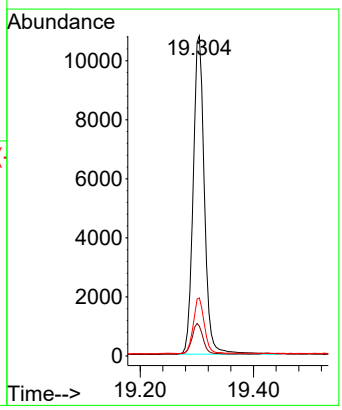


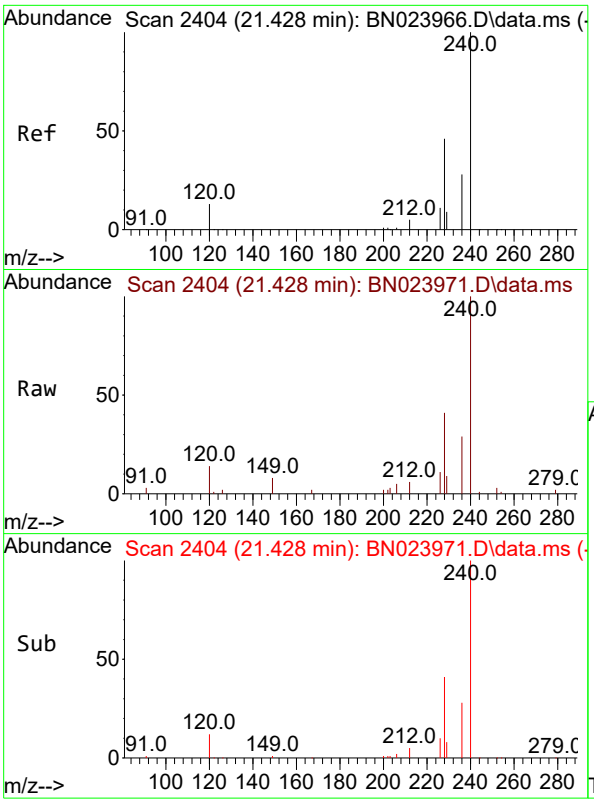


#28
Fluoranthene
Concen: 0.336 ng
RT: 19.304 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:202 Resp: 14894

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.7	11.5
203	17.1	13.7	20.5



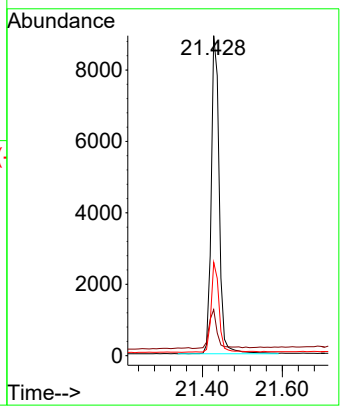


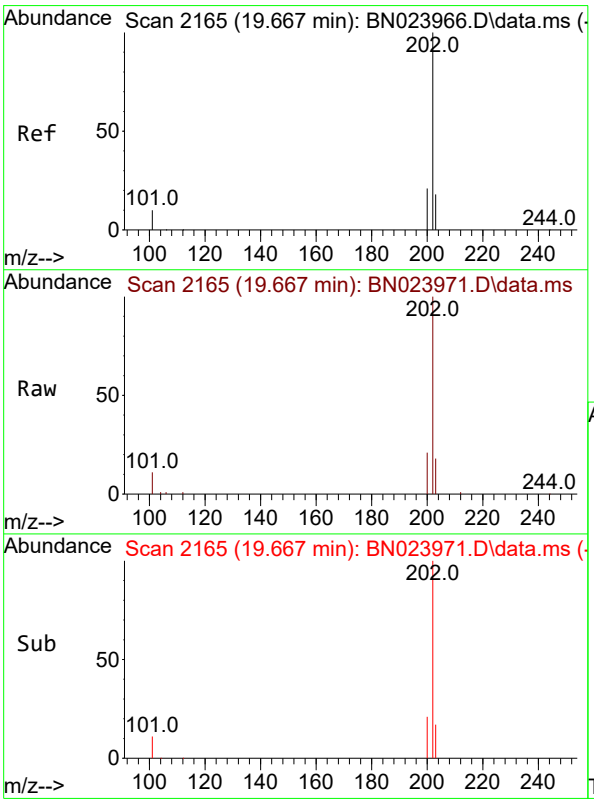
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.428 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:240 Resp: 12402

Ion	Ratio	Lower	Upper
240	100		
120	14.4	11.4	17.0
236	29.2	23.2	34.8

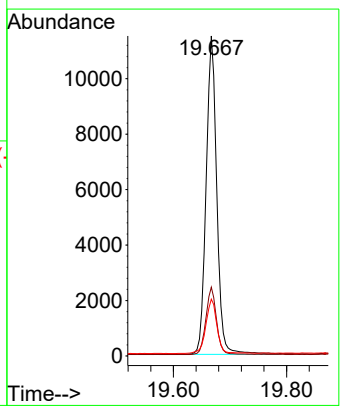


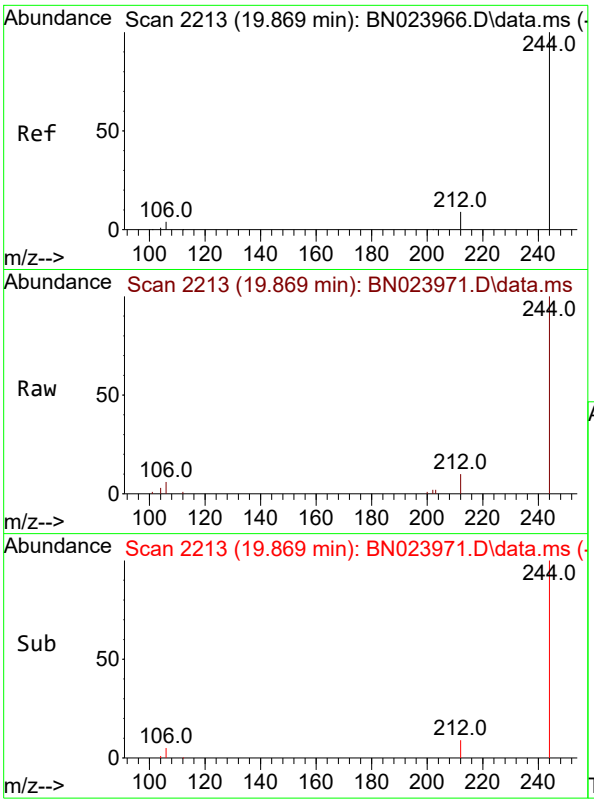


#30
Pyrene
Concen: 0.347 ng
RT: 19.667 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:202 Resp: 14947

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	18.0	14.4	21.6



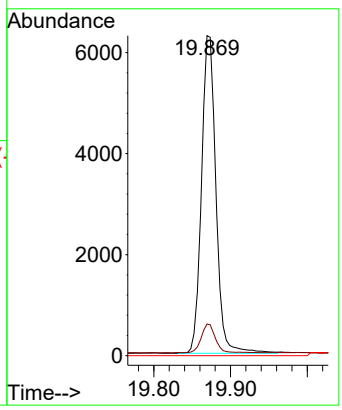


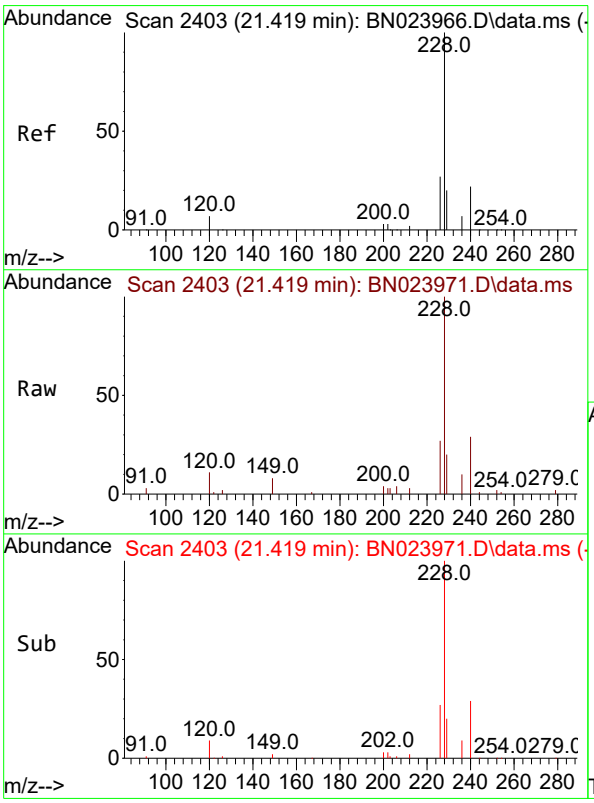
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.869 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:244 Resp: 8231

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.7	11.5
122	0.0	0.0	0.0

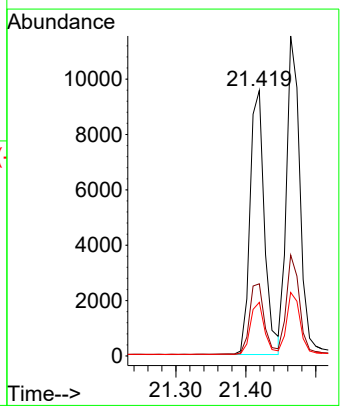


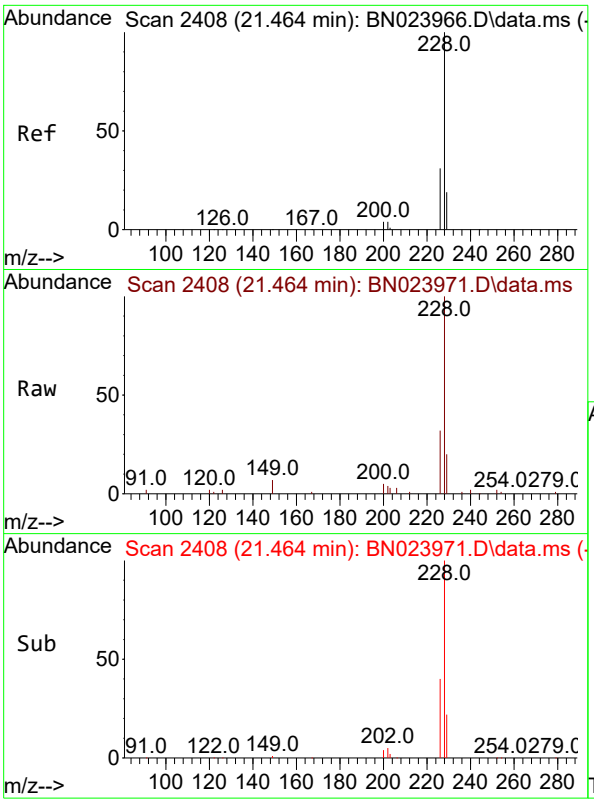


#32
Benzo(a)anthracene
Concen: 0.346 ng
RT: 21.419 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:228 Resp: 13737

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	20.2	15.9	23.9



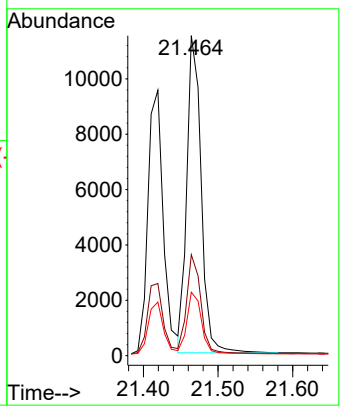


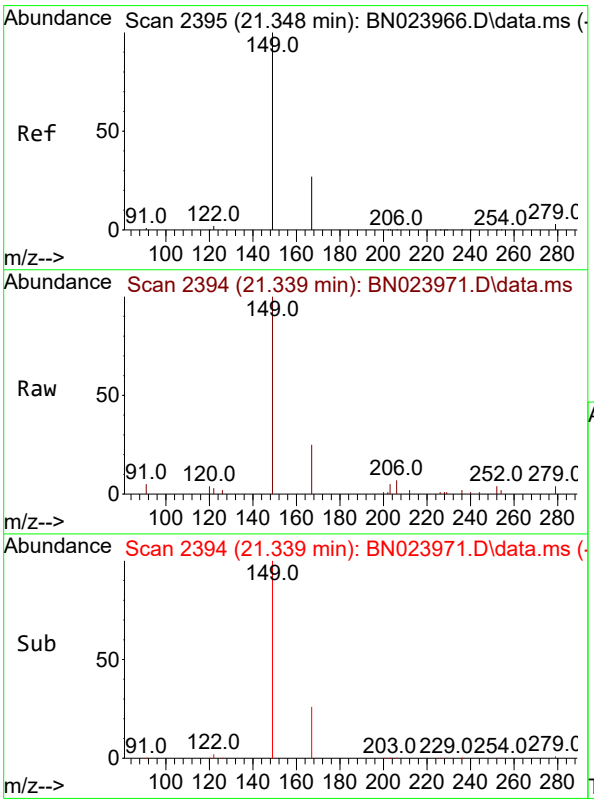
#33
Chrysene
Concen: 0.357 ng
RT: 21.464 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:228 Resp: 15302

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	19.9	15.7	23.5

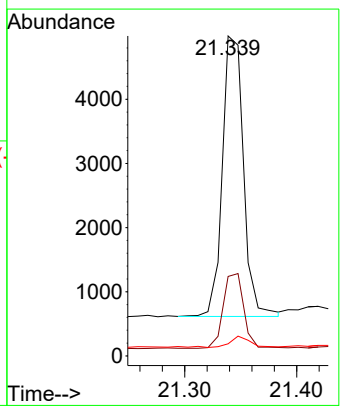


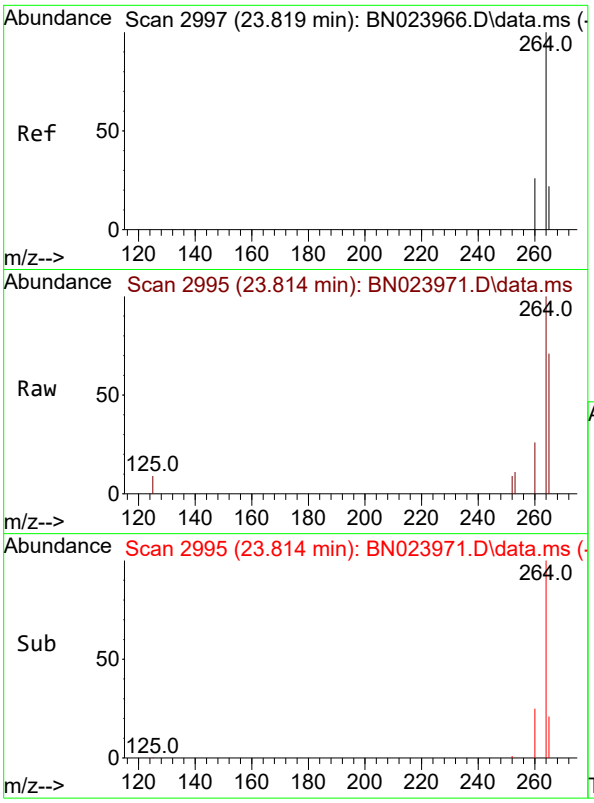


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.339 min Scan# 2394
Delta R.T. -0.009 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:149 Resp: 5731

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.1	31.7
279	3.8	3.1	4.7



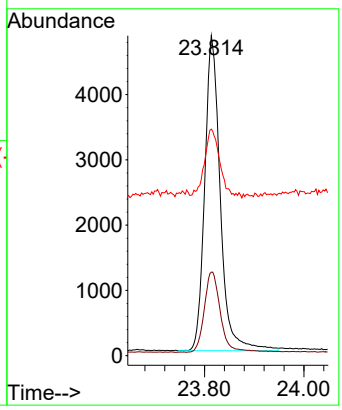


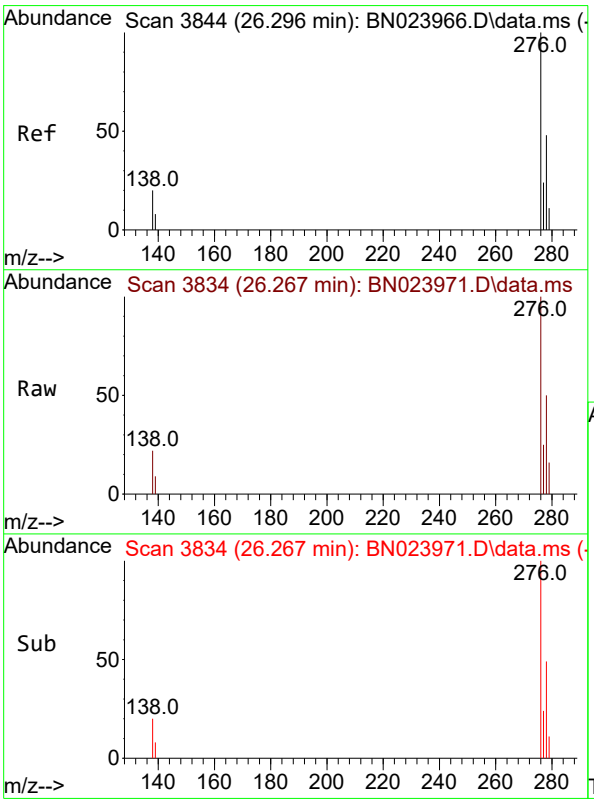
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.814 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:264 Resp: 10474

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.4	32.0
265	70.8	41.4	62.0#

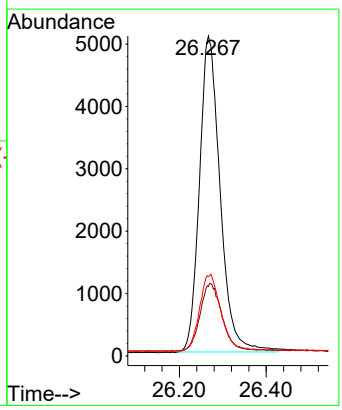


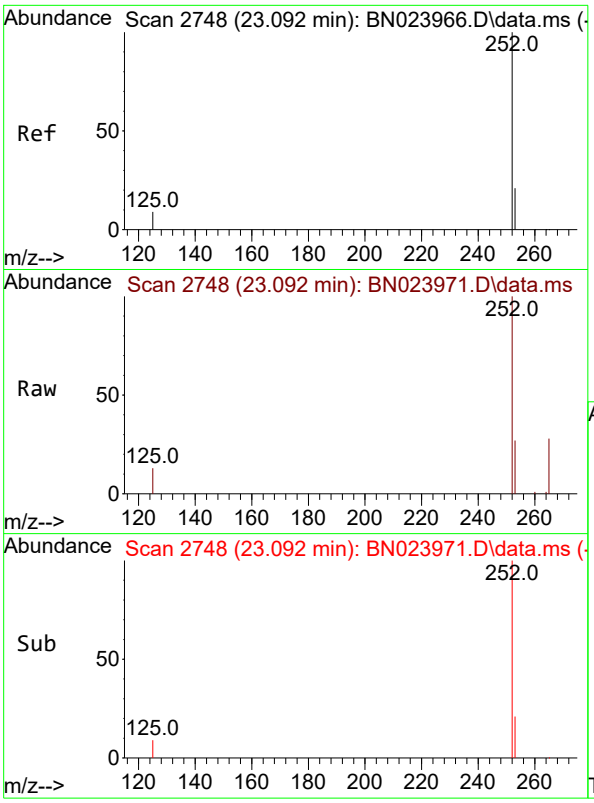


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng
RT: 26.267 min Scan# 3834
Delta R.T. -0.029 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:276 Resp: 16789

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.0	27.0
277	24.6	19.9	29.9



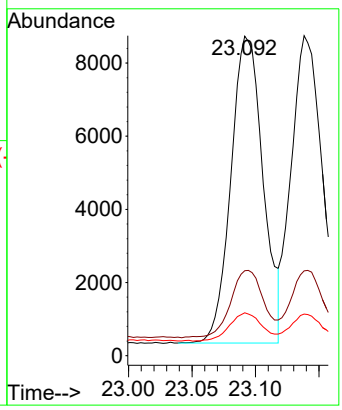


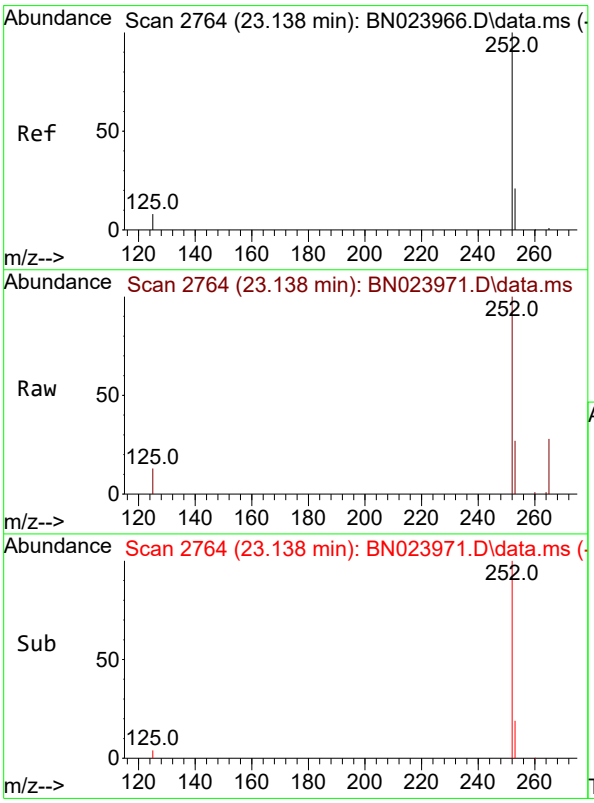
#37
Benzo(b)fluoranthene
Concen: 0.348 ng
RT: 23.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:252 Resp: 14762

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.8	29.6
125	13.4	9.4	14.0

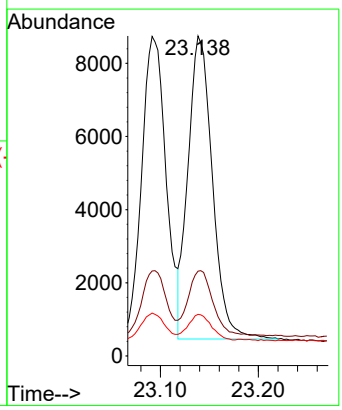


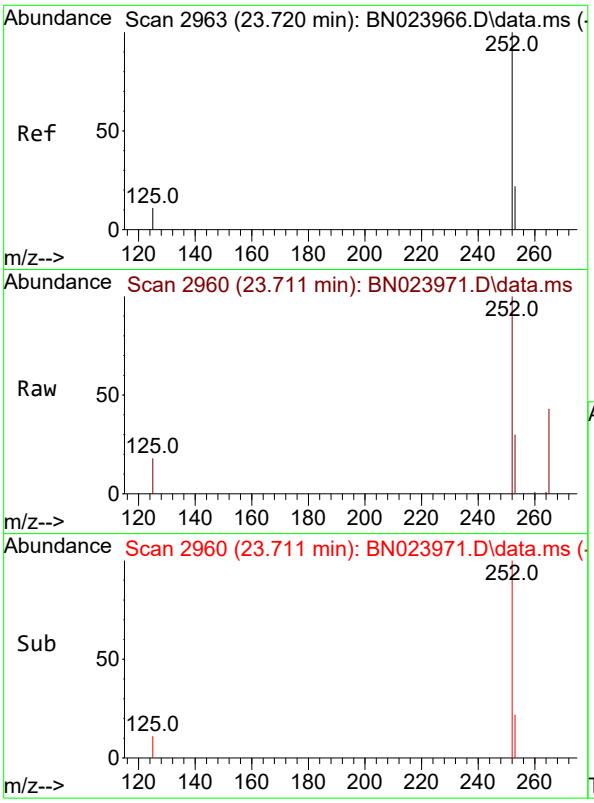


#38
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 23.138 min Scan# 2764
Delta R.T. 0.000 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:252 Resp: 14333

Ion	Ratio	Lower	Upper
252	100		
253	26.5	20.2	30.2
125	13.0	9.0	13.4



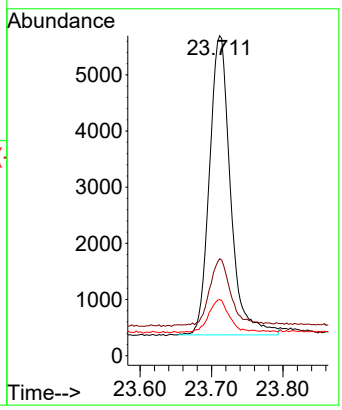


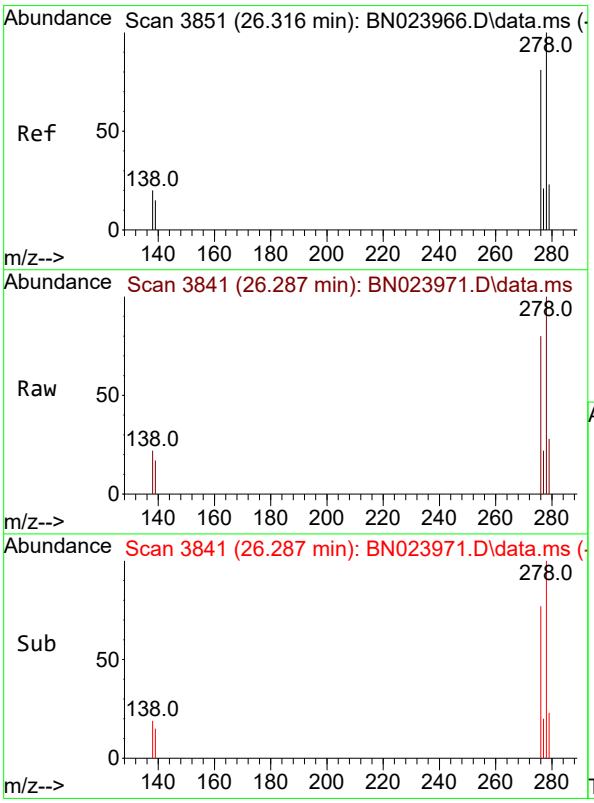
#39
Benzo(a)pyrene
Concen: 0.339 ng
RT: 23.711 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:252 Resp: 10909

Ion	Ratio	Lower	Upper
252	100		
253	30.3	21.9	32.9
125	17.5	12.4	18.6

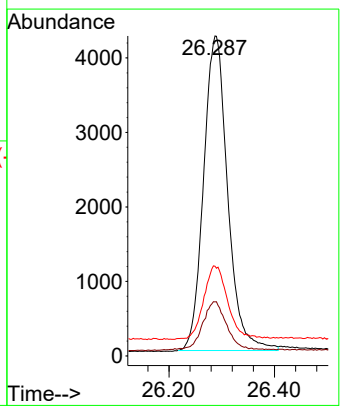


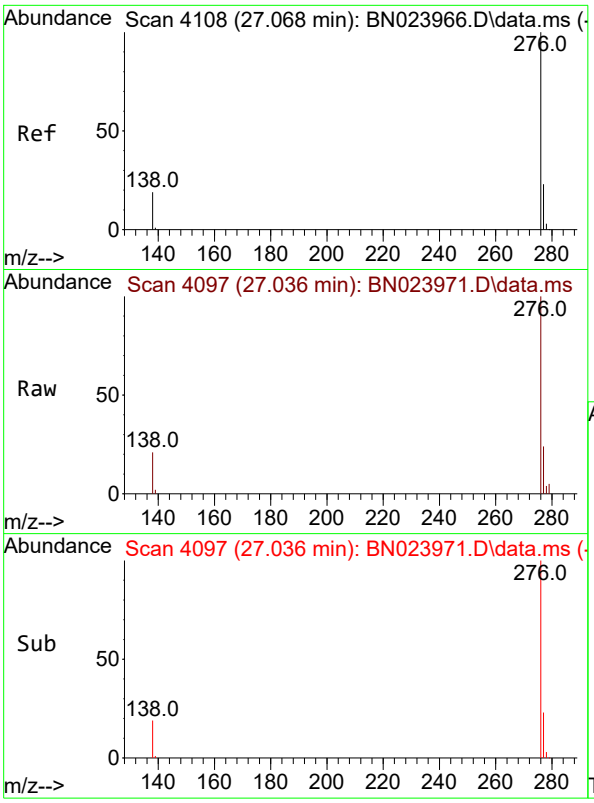


#40
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 26.287 min Scan# 3841
Delta R.T. -0.029 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Tgt Ion:278 Resp: 13396

Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.1	19.7
279	28.1	21.7	32.5





#41
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 27.036 min Scan# 4
Delta R.T. -0.032 min
Lab File: BN023971.D
Acq: 07 Feb 2023 15:07

Instrument :
BNA_N
ClientSampleId :
ICVBN020723

Tgt Ion:276 Resp: 14644

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	20.8	16.2	24.4