Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023704.D
Acq On : 18 Jan 2023 15:40
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Quant Time: Jan 19 01:25:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:19:57 2023
Response via : Initial Calibration

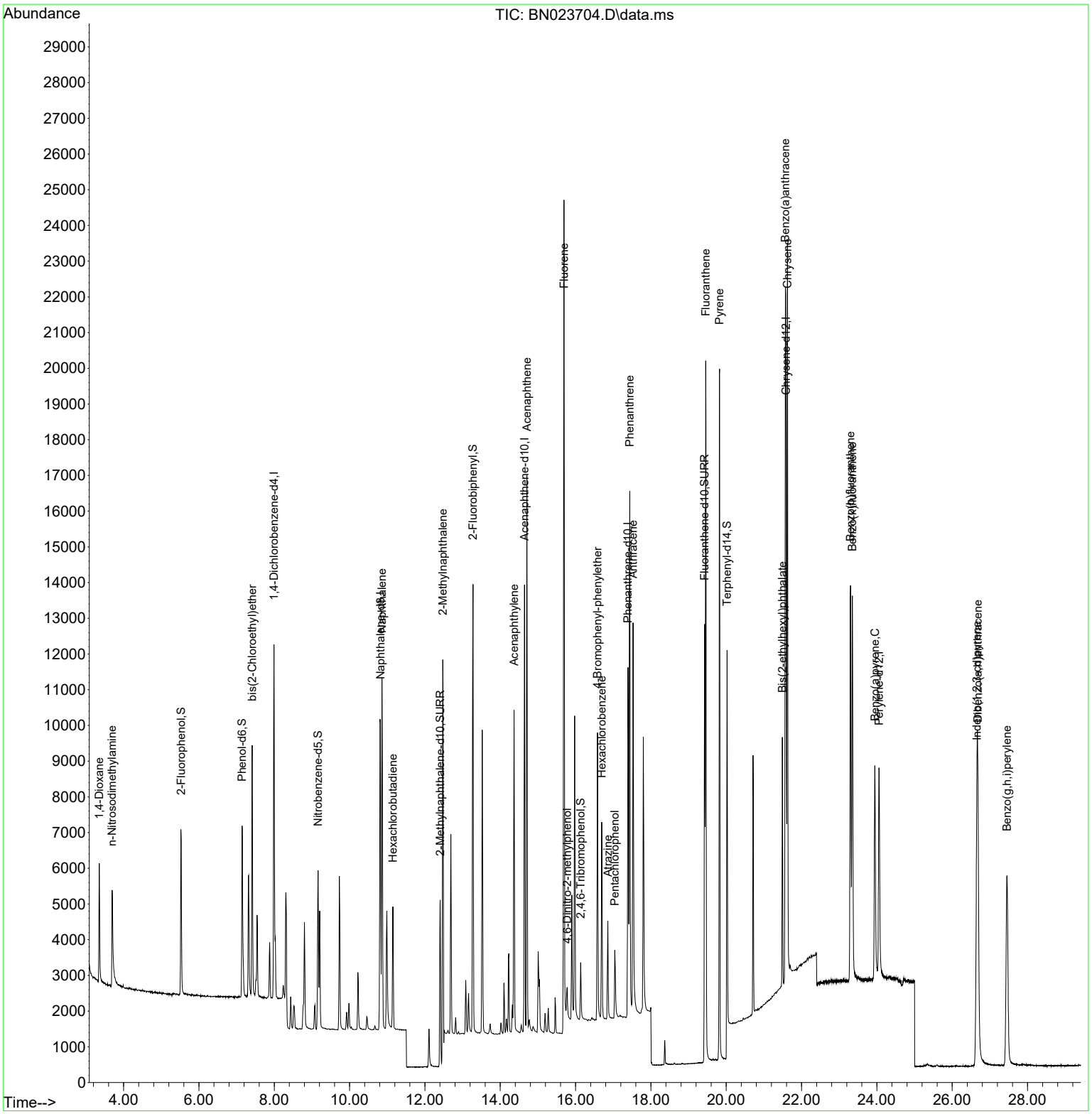
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	4681	0.400	ng		0.00
7) Naphthalene-d8	10.818	136	12070	0.400	ng	#	0.01
13) Acenaphthene-d10	14.645	164	6450	0.400	ng		0.00
19) Phenanthrene-d10	17.390	188	14281	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	12032	0.400	ng		0.00
35) Perylene-d12	24.059	264	9001	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.529	112	3783	0.384	ng		0.00
5) Phenol-d6	7.147	99	4412	0.377	ng		0.00
8) Nitrobenzene-d5	9.163	82	3612	0.378	ng		0.01
11) 2-Methylnaphthalene-d10	12.405	152	7527	0.451	ng		0.00
14) 2,4,6-Tribromophenol	16.136	330	955	0.349	ng		0.00
15) 2-Fluorobiphenyl	13.276	172	10637	0.387	ng		0.01
27) Fluoranthene-d10	19.427	212	12964	0.387	ng		0.00
31) Terphenyl-d14	20.022	244	7991	0.421	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2003	0.404	ng		99
3) n-Nitrosodimethylamine	3.694	42	2179	0.375	ng	#	97
6) bis(2-Chloroethyl)ether	7.414	93	4983	0.414	ng		99
9) Naphthalene	10.861	128	12483	0.400	ng		100
10) Hexachlorobutadiene	11.149	225	2593	0.409	ng	#	100
12) 2-Methylnaphthalene	12.476	142	8557	0.390	ng		98
16) Acenaphthylene	14.367	152	9607	0.366	ng		100
17) Acenaphthene	14.709	154	7135	0.388	ng		99
18) Fluorene	15.692	166	10025	0.385	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	732	0.362	ng		97
21) 4-Bromophenyl-phenylether	16.583	248	3153	0.386	ng	#	90
22) Hexachlorobenzene	16.694	284	3988	0.399	ng		99
23) Atrazine	16.856	200	2132	0.364	ng		95
24) Pentachlorophenol	17.042	266	1092	0.400	ng		96
25) Phenanthrene	17.439	178	16215	0.391	ng		100
26) Anthracene	17.526	178	12409	0.369	ng		100
28) Fluoranthene	19.456	202	17604	0.389	ng		100
30) Pyrene	19.823	202	17452	0.392	ng		100
32) Benzo(a)anthracene	21.571	228	14394	0.376	ng		99
33) Chrysene	21.625	228	17088	0.399	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	6145	0.360	ng		99
36) Indeno(1,2,3-cd)pyrene	26.652	276	14353	0.357	ng		100
37) Benzo(b)fluoranthene	23.299	252	14908	0.399	ng		100
38) Benzo(k)fluoranthene	23.349	252	14415	0.381	ng		100
39) Benzo(a)pyrene	23.948	252	10388	0.376	ng		99
40) Dibenzo(a,h)anthracene	26.682	278	11406	0.352	ng		98
41) Benzo(g,h,i)perylene	27.453	276	12301	0.359	ng		99

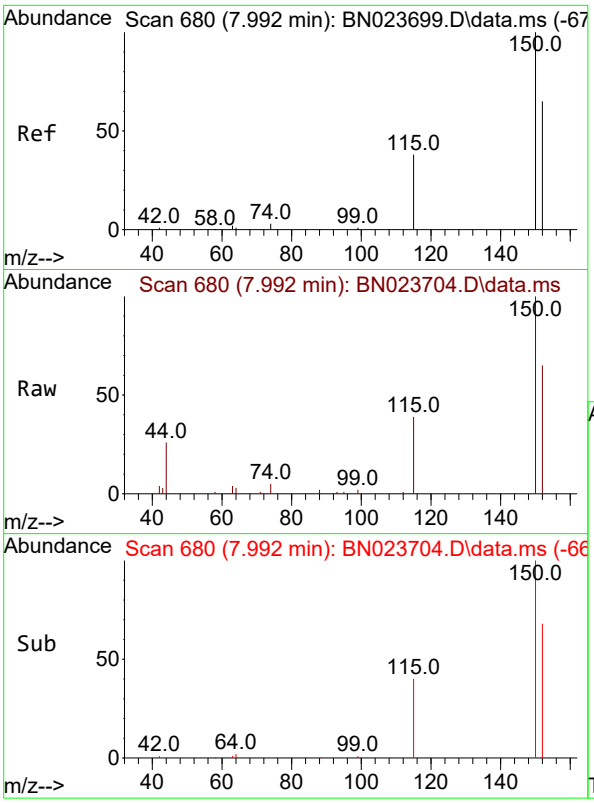
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011823\
Data File : BN023704.D
Acq On : 18 Jan 2023 15:40
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Quant Time: Jan 19 01:25:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:19:57 2023
Response via : Initial Calibration



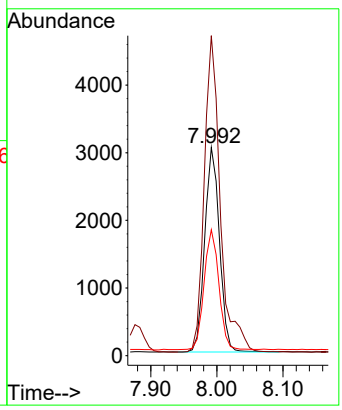


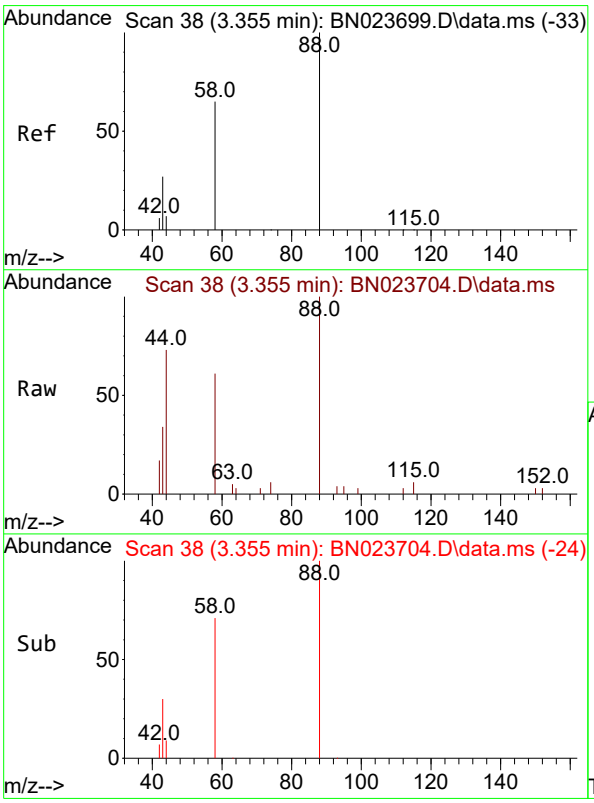
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.992 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:152 Resp: 4681

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.4	183.6
115	60.5	48.2	72.4

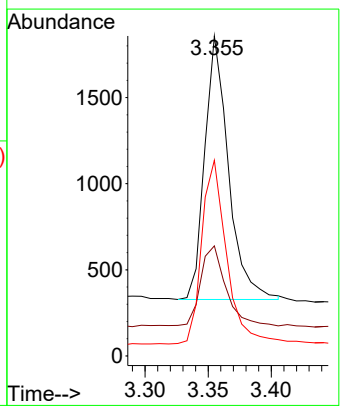


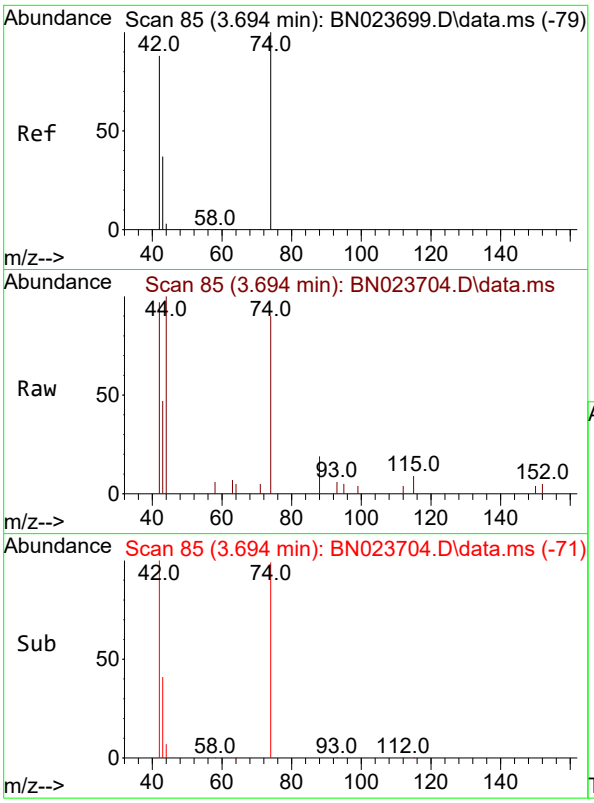


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.355 min Scan# 38
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 88 Resp: 2003

Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.8	40.2
58	73.1	58.5	87.7



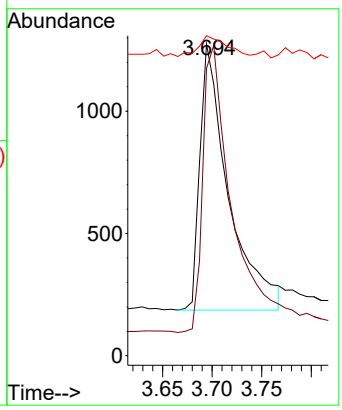


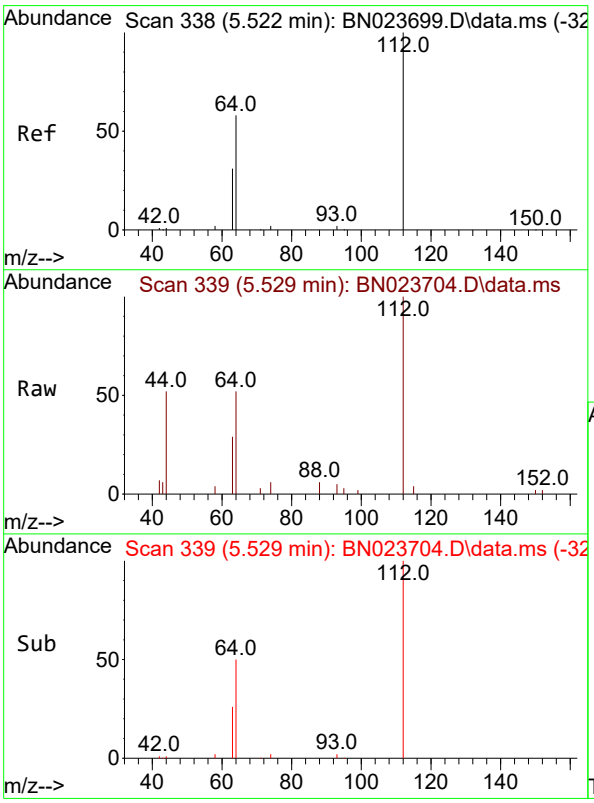
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.694 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion: 42 Resp: 2179

Ion	Ratio	Lower	Upper
42	100		
74	111.0	87.4	131.2
44	7.5	9.4	14.2#

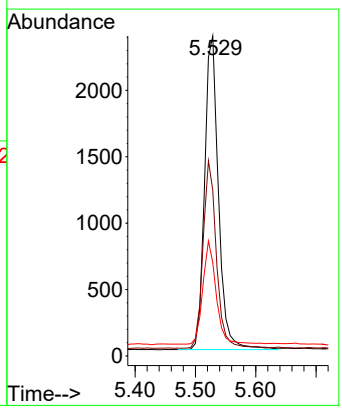


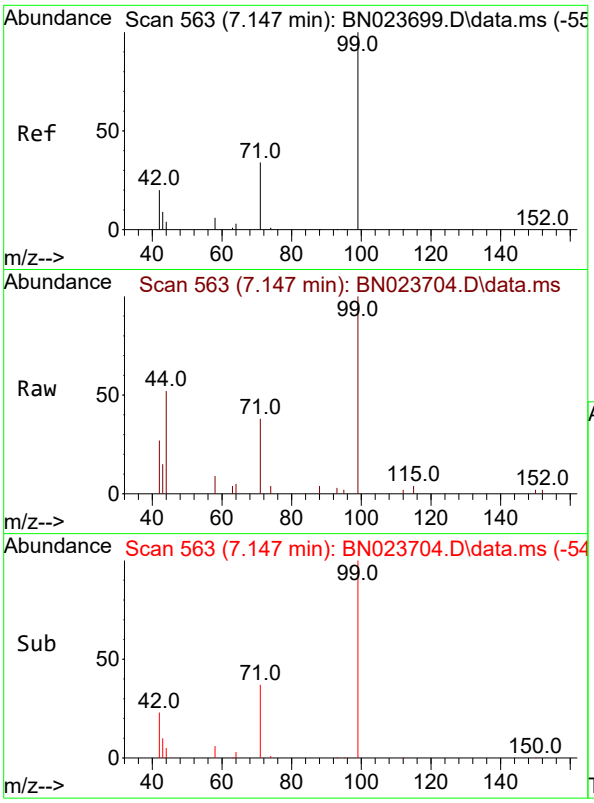


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.529 min Scan# 339
Delta R.T. 0.007 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:112 Resp: 3783

Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.8	68.8
63	31.6	25.3	37.9



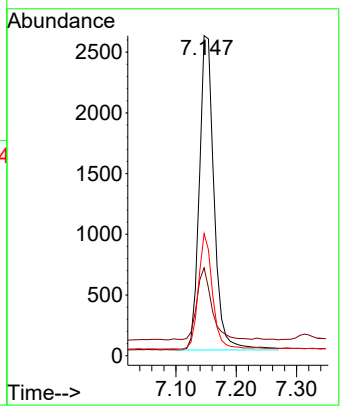


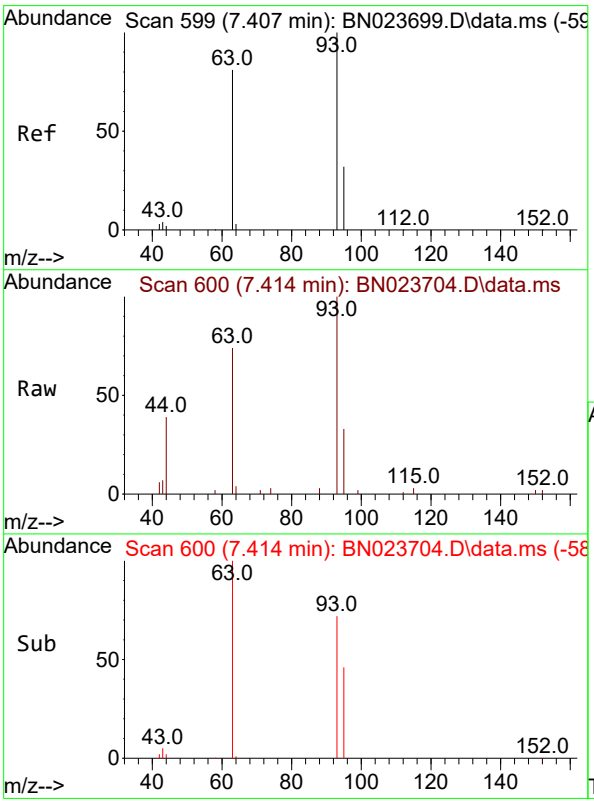
#5
Phenol-d6
Concen: 0.377 ng
RT: 7.147 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion: 99 Resp: 4412

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.4	29.0
71	35.2	28.7	43.1

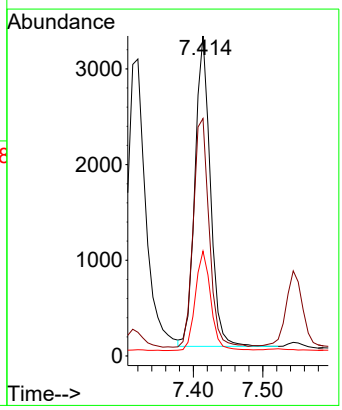


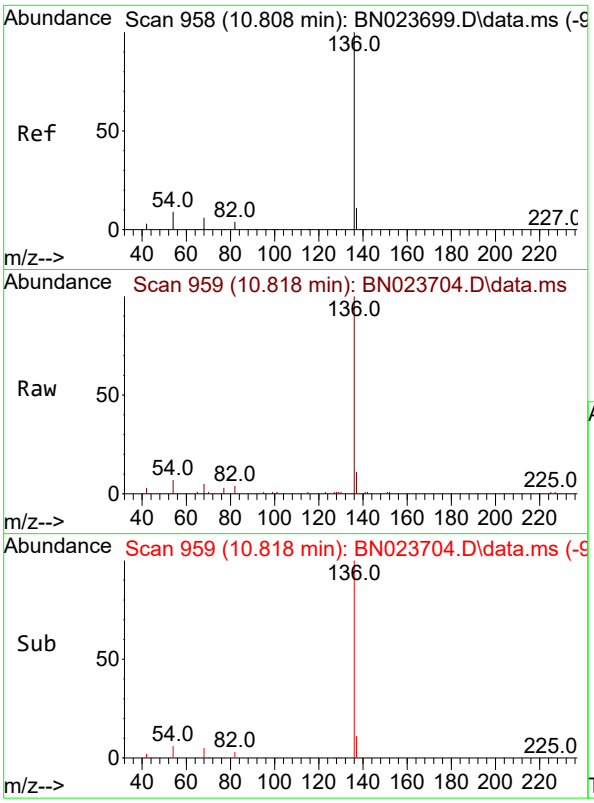


#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.414 min Scan# 600
Delta R.T. 0.007 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 93 Resp: 4983

Ion	Ratio	Lower	Upper
93	100		
63	76.5	61.8	92.6
95	32.1	25.9	38.9



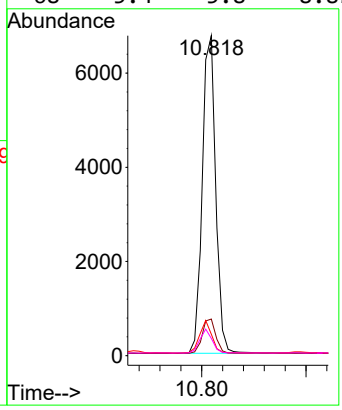


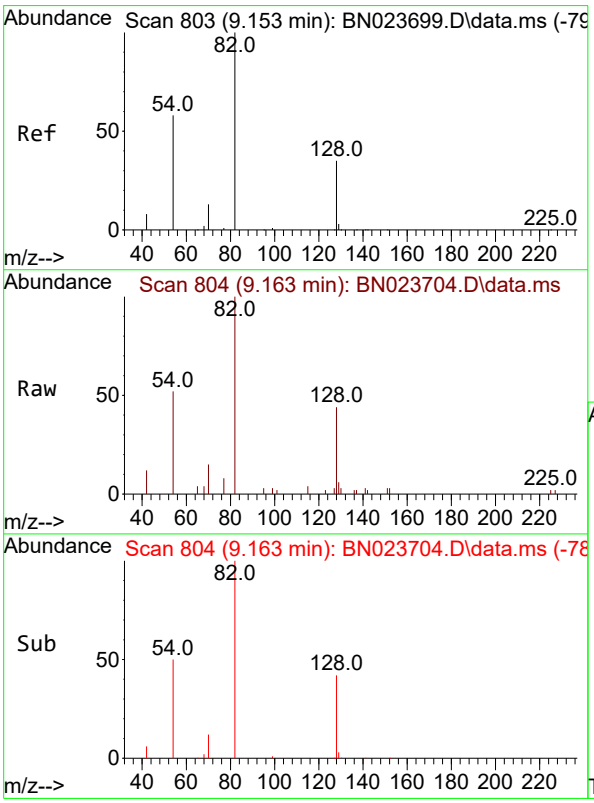
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.818 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:136 Resp: 12070

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	6.7	7.5	11.3#
68	5.4	5.8	8.8#

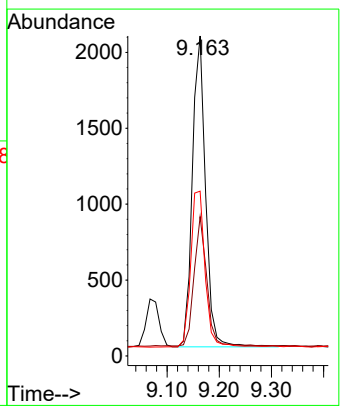


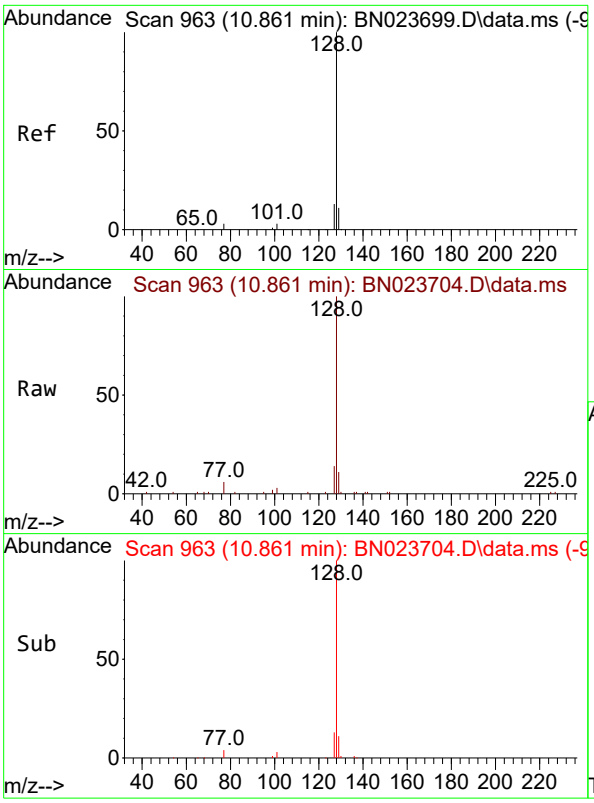


#8
Nitrobenzene-d5
Concen: 0.378 ng
RT: 9.163 min Scan# 804
Delta R.T. 0.011 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion: 82 Resp: 3612

Ion	Ratio	Lower	Upper
82	100		
128	43.5	30.2	45.2
54	51.5	47.3	70.9



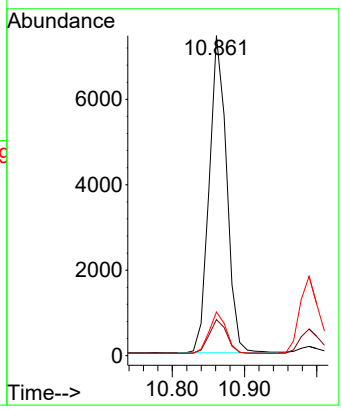


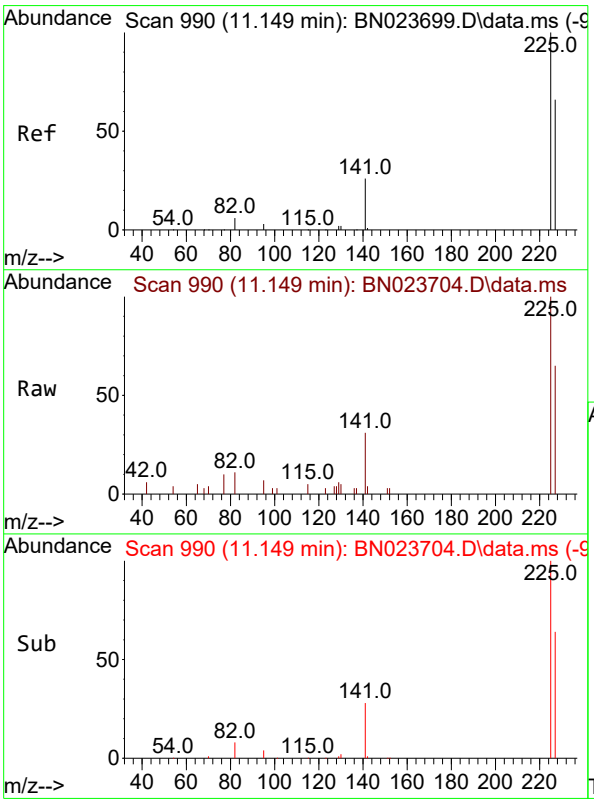
#9
Naphthalene
Concen: 0.400 ng
RT: 10.861 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:128 Resp: 12483

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.6	10.9	16.3

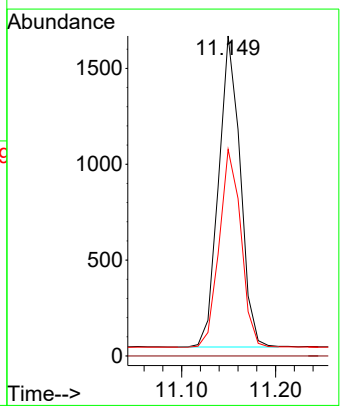


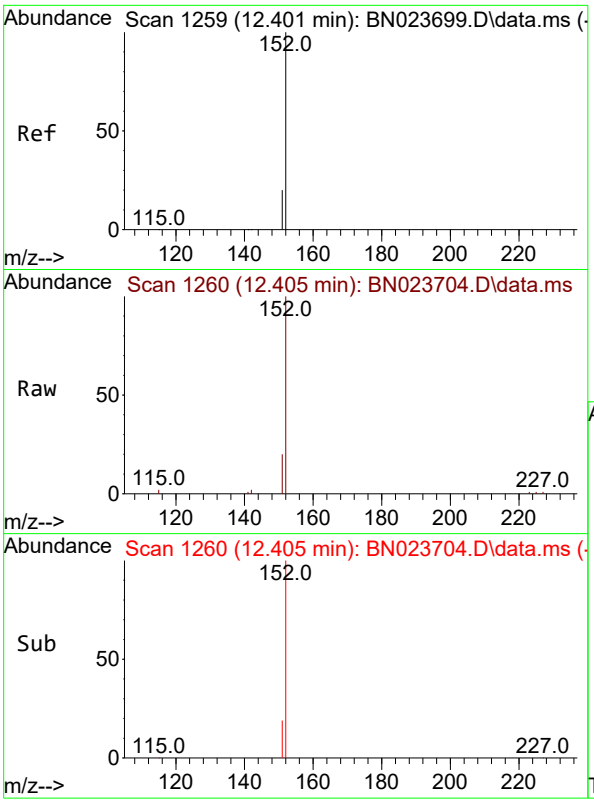


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 11.149 min Scan# 990
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:225 Resp: 2593

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



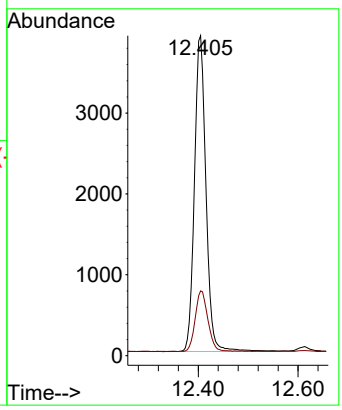


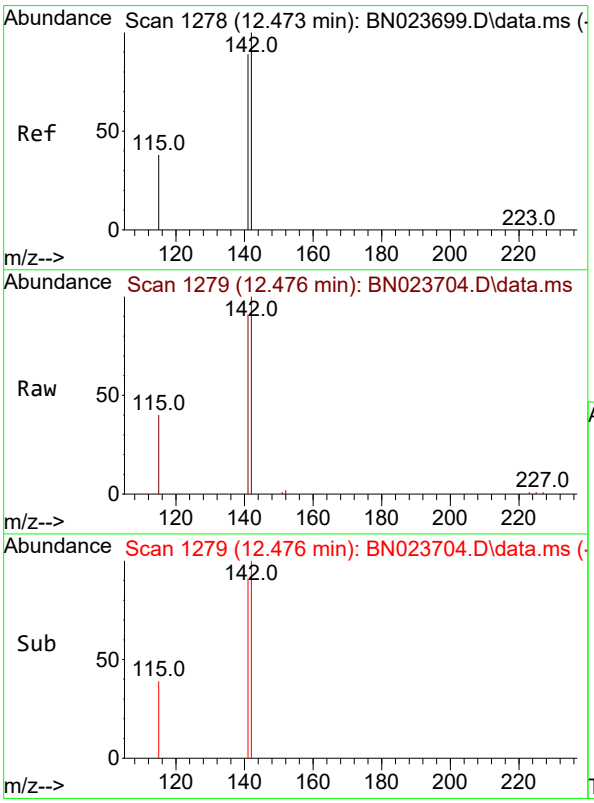
#11
2-Methylnaphthalene-d10
Concen: 0.451 ng
RT: 12.405 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:152 Resp: 7527

Ion	Ratio	Lower	Upper
152	100		
151	17.5	17.1	25.7

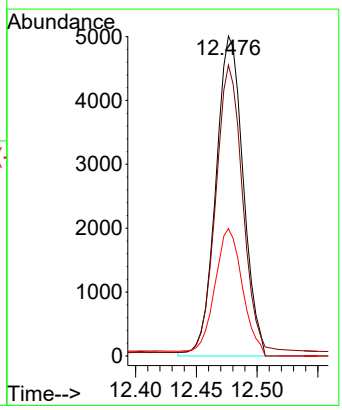


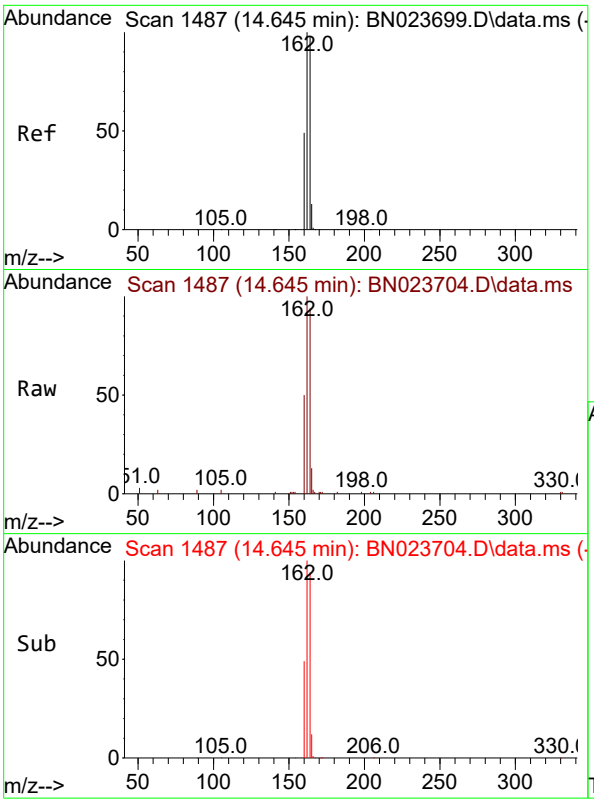


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.476 min Scan# 1279
Delta R.T. 0.004 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:142 Resp: 8557

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.4	107.0
115	39.8	31.2	46.8



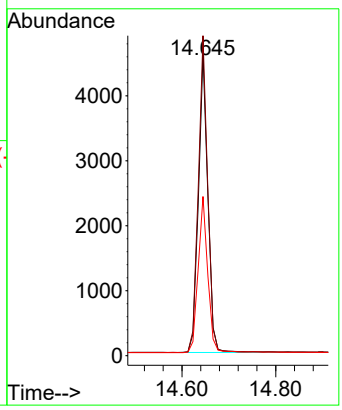


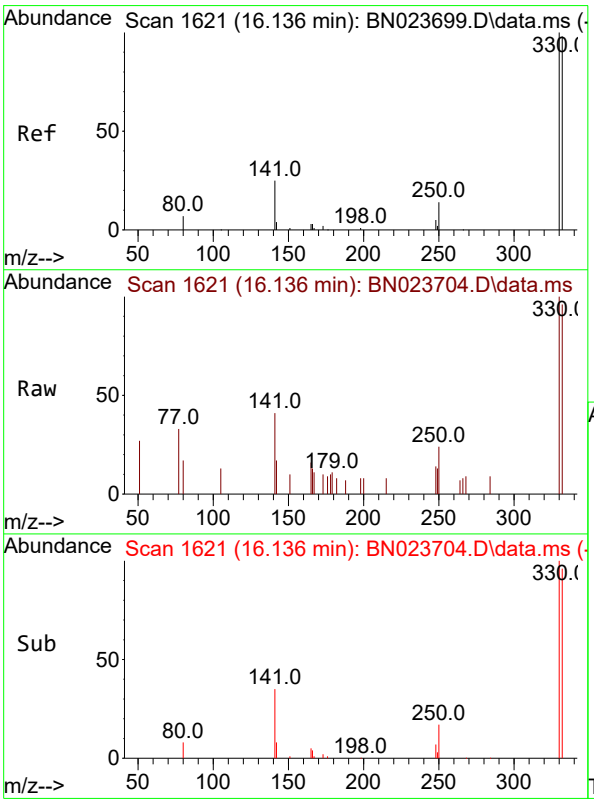
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.645 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:164 Resp: 6450

Ion	Ratio	Lower	Upper
164	100		
162	106.1	81.8	122.6
160	52.8	40.3	60.5

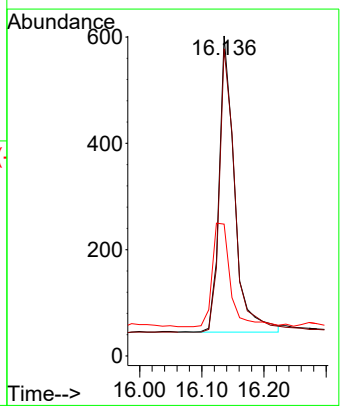


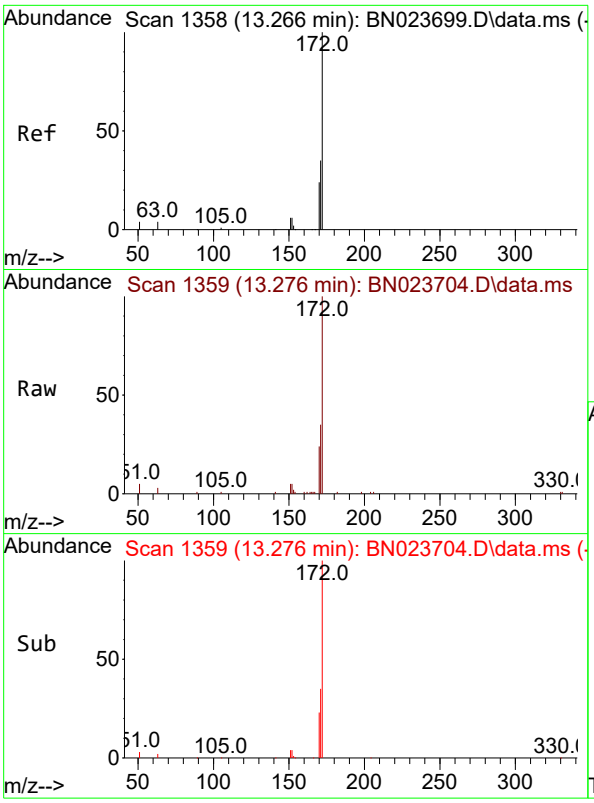


#14
2,4,6-Tribromophenol
Concen: 0.349 ng
RT: 16.136 min Scan# 1621
Delta R.T. -0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:330 Resp: 955

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	41.6	35.0	52.4



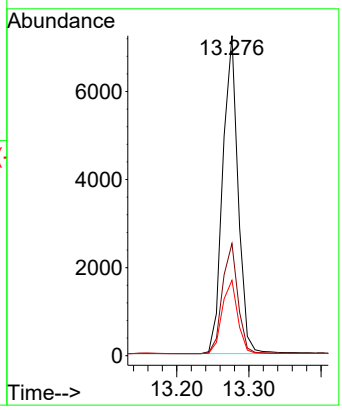


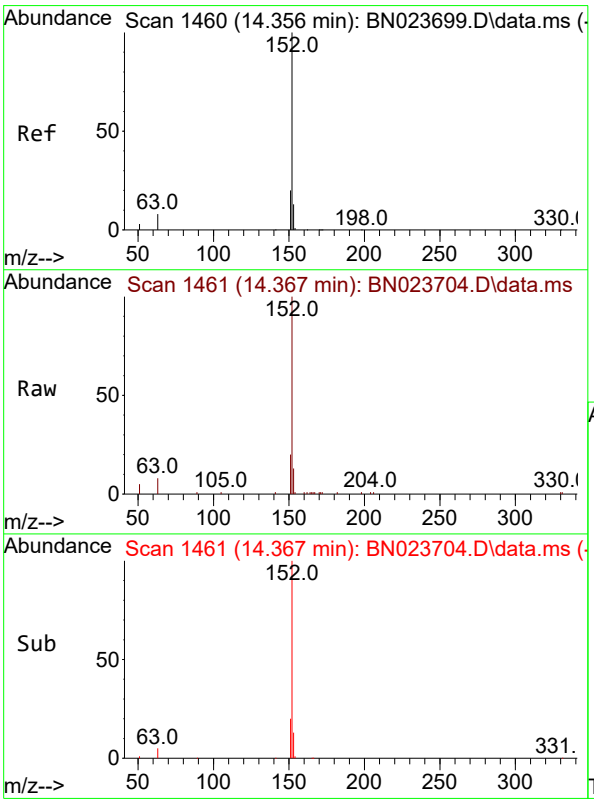
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.276 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:172 Resp: 10637

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.6	20.0	30.0

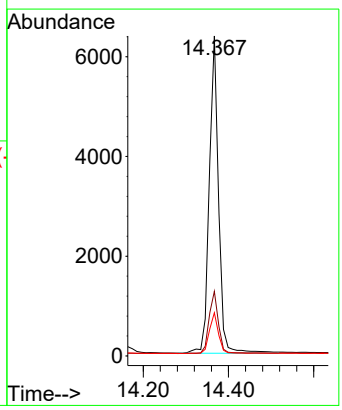


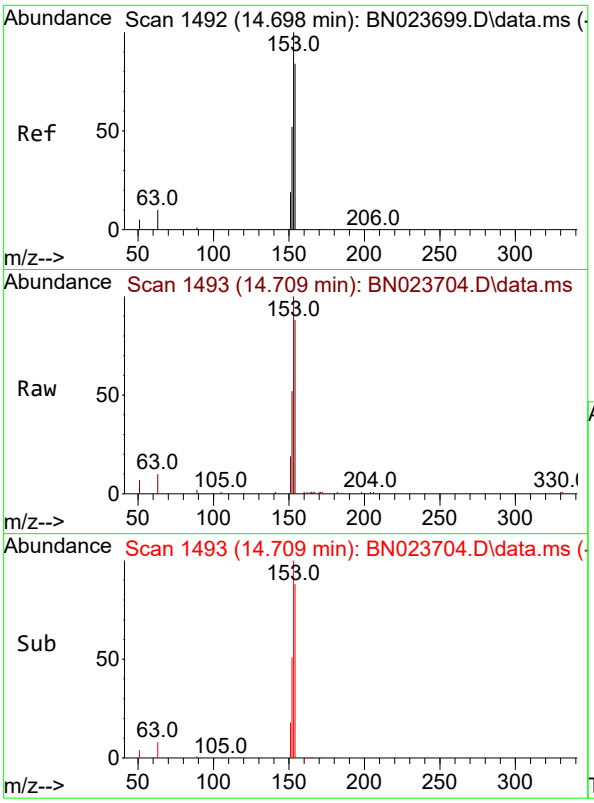


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.367 min Scan# 1461
Delta R.T. 0.011 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:152 Resp: 9607

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.4	15.6



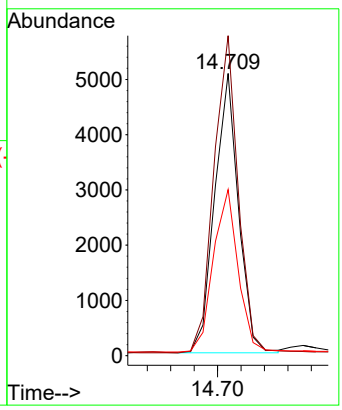


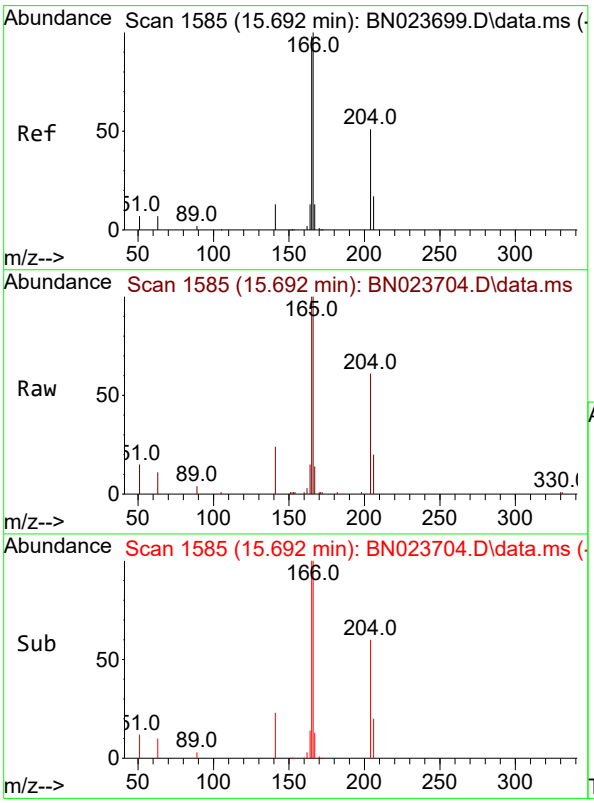
#17
Acenaphthene
Concen: 0.388 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:154 Resp: 7135

Ion	Ratio	Lower	Upper
154	100		
153	116.7	93.3	139.9
152	61.2	48.1	72.1

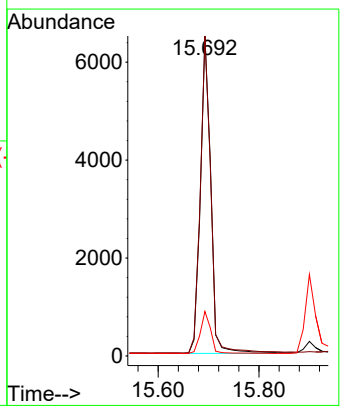


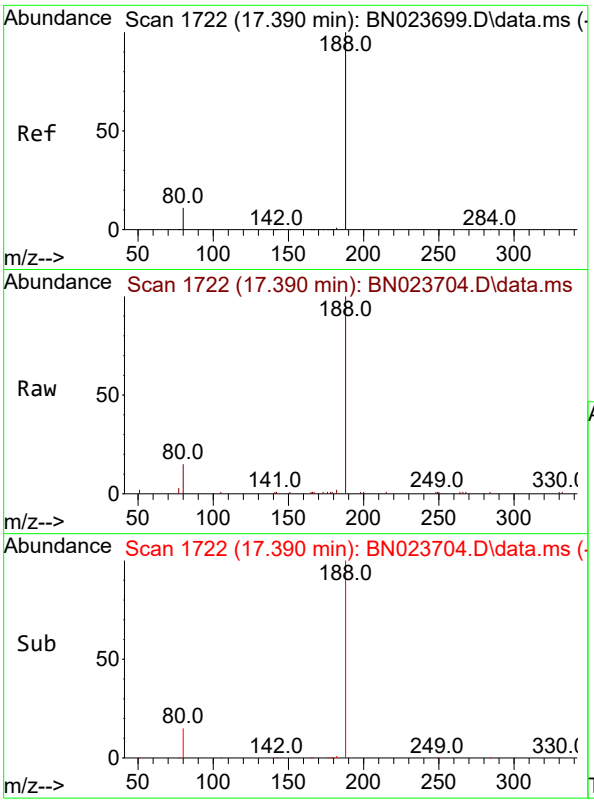


#18
Fluorene
Concen: 0.385 ng
RT: 15.692 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:166 Resp: 10025

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.6	121.0
167	13.4	10.8	16.2



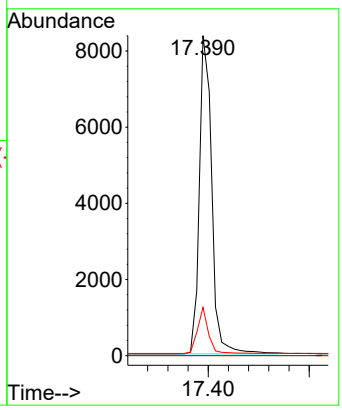


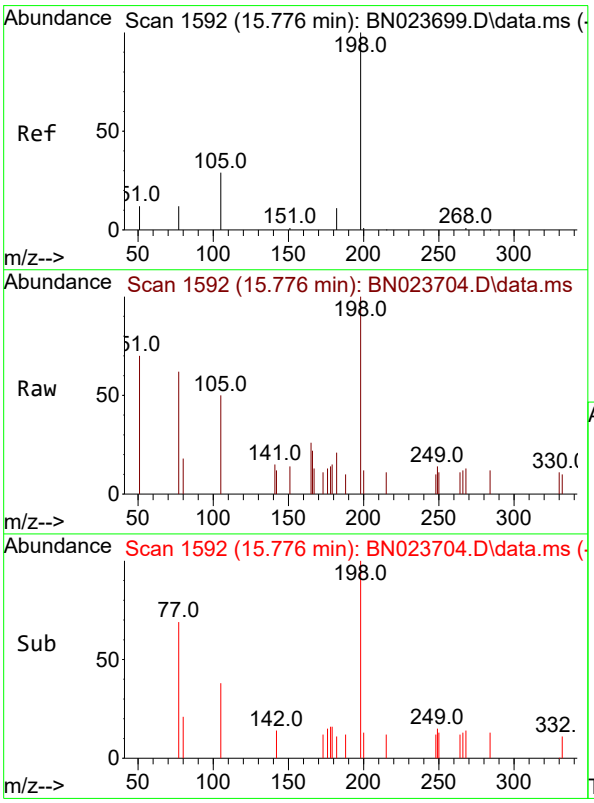
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.390 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:188 Resp: 14281

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.1	9.5	14.3#

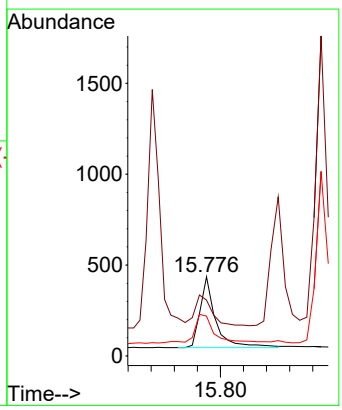


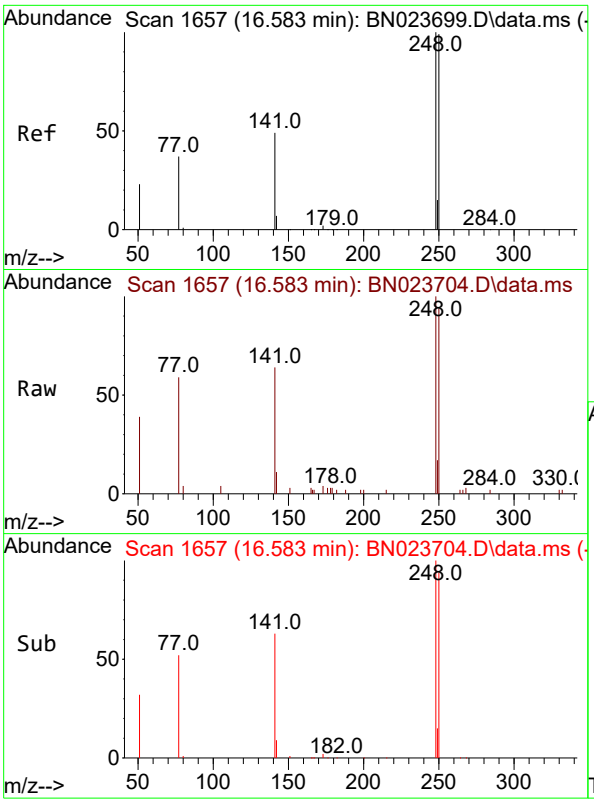


#20
4,6-Dinitro-2-methylphenol
Concen: 0.362 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:198 Resp: 732

Ion	Ratio	Lower	Upper
198	100		
51	70.4	54.3	81.5
105	50.2	38.6	58.0



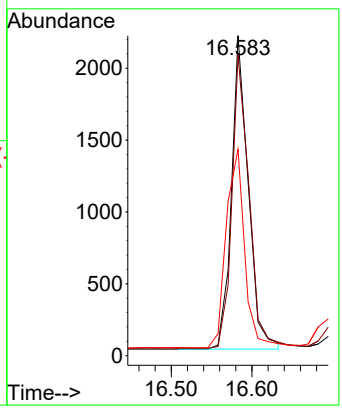


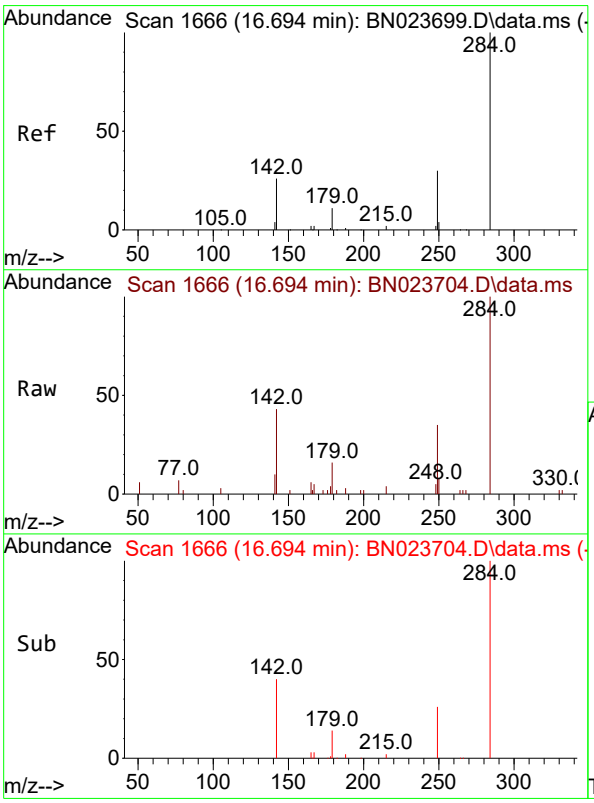
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.583 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:248 Resp: 3153

Ion	Ratio	Lower	Upper
248	100		
250	93.9	79.4	119.0
141	64.4	40.2	60.4#

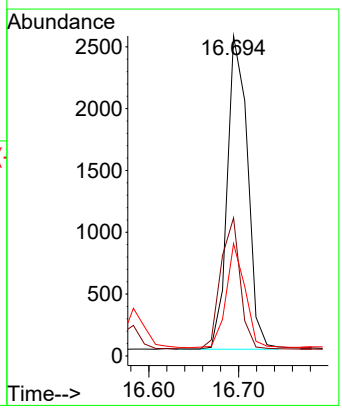


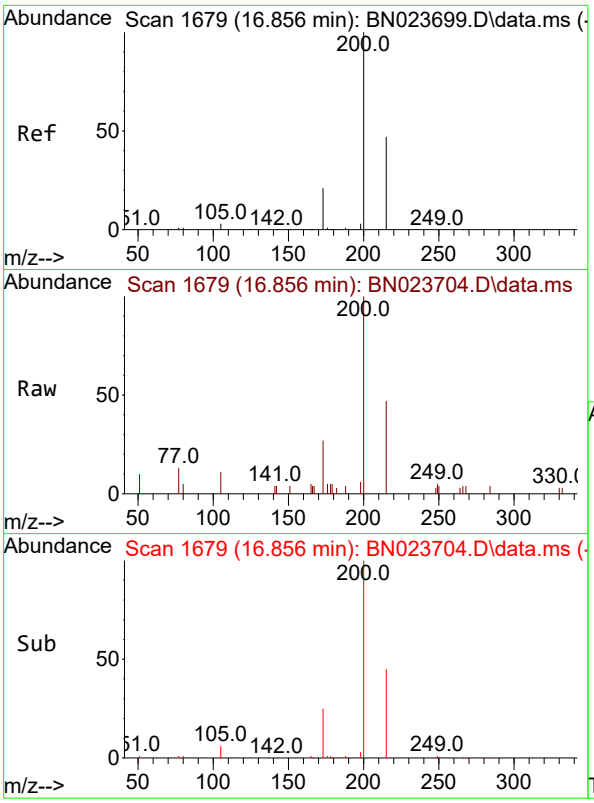


#22
Hexachlorobenzene
Concen: 0.399 ng
RT: 16.694 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:284 Resp: 3988

Ion	Ratio	Lower	Upper
284	100		
142	40.1	32.3	48.5
249	30.8	25.0	37.4



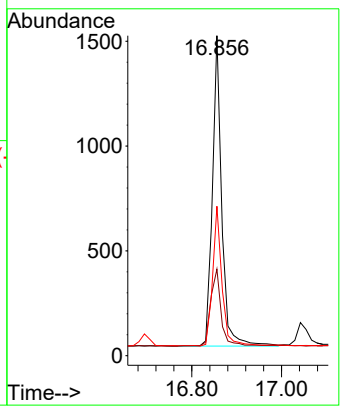


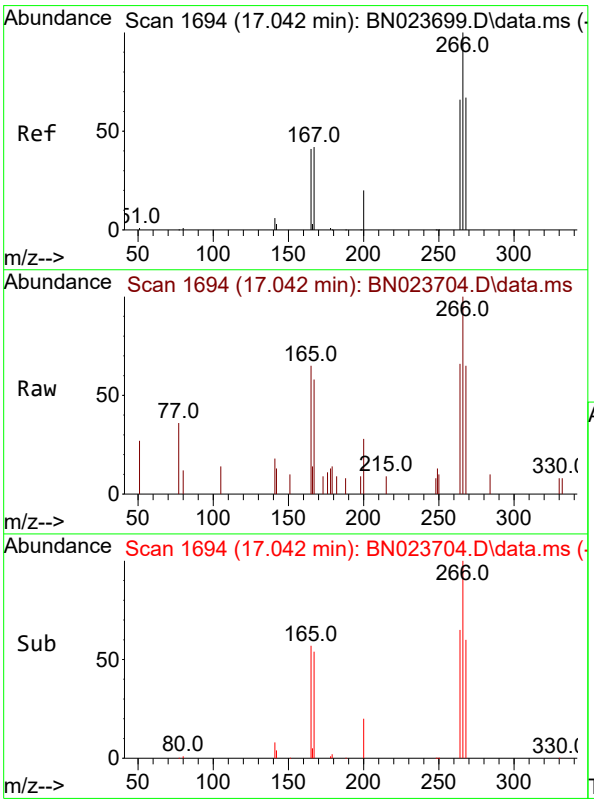
#23
Atrazine
Concen: 0.364 ng
RT: 16.856 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:200 Resp: 2132

Ion	Ratio	Lower	Upper
200	100		
173	27.0	19.0	28.4
215	46.7	39.2	58.8

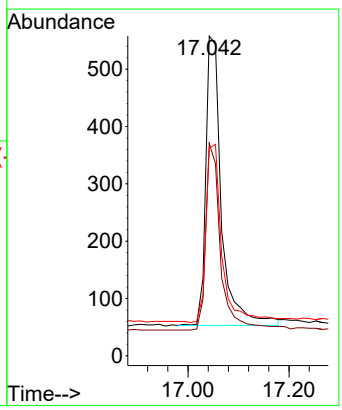


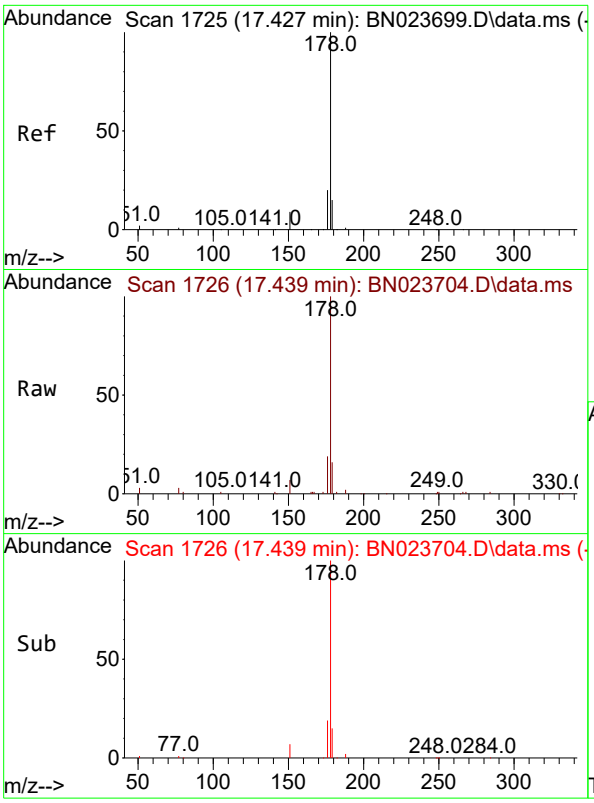


#24
Pentachlorophenol
Concen: 0.400 ng
RT: 17.042 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:266 Resp: 1092

Ion	Ratio	Lower	Upper
266	100		
264	60.7	51.4	77.2
268	63.0	52.3	78.5



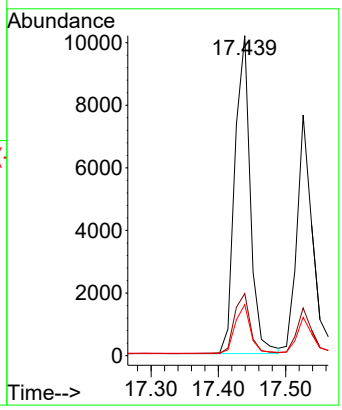


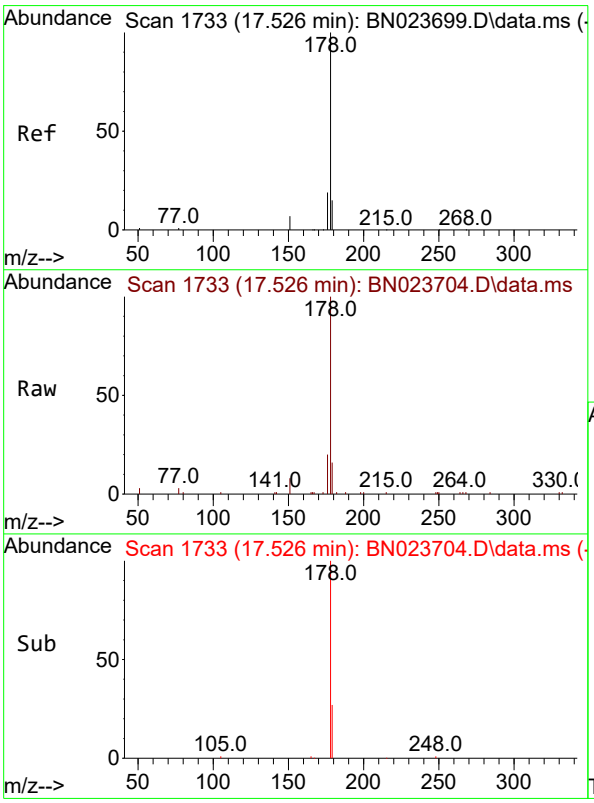
#25
Phenanthrene
Concen: 0.391 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:178 Resp: 16215

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	15.2	12.2	18.4

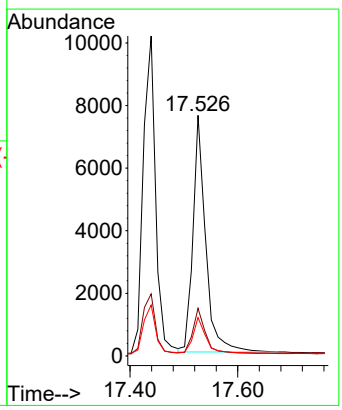


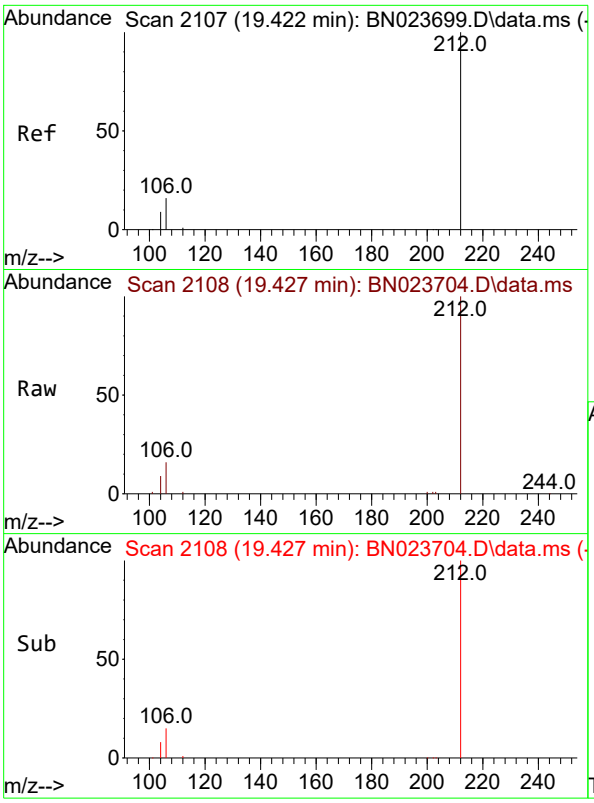


#26
Anthracene
Concen: 0.369 ng
RT: 17.526 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:178 Resp: 12409

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.1	12.0	18.0



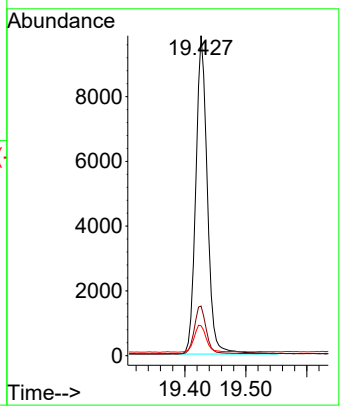


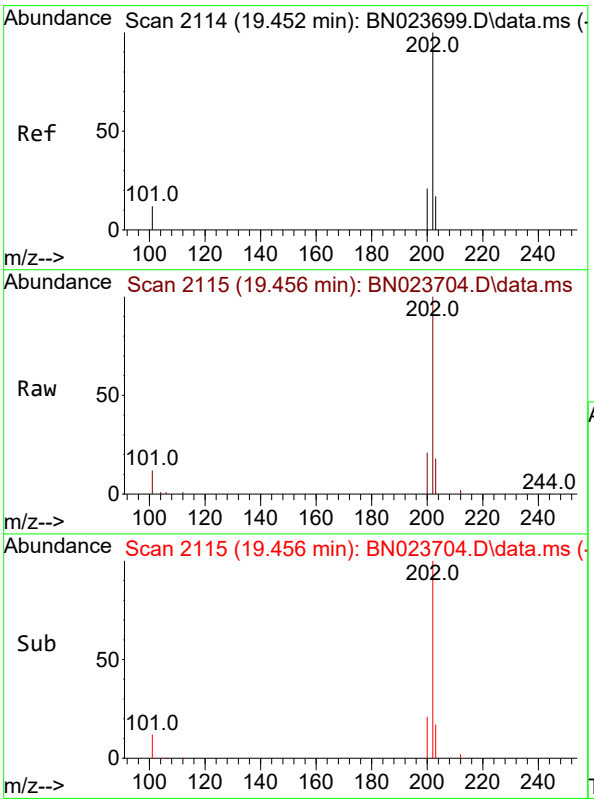
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.427 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:212 Resp: 12964

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.4	18.6
104	8.9	7.1	10.7

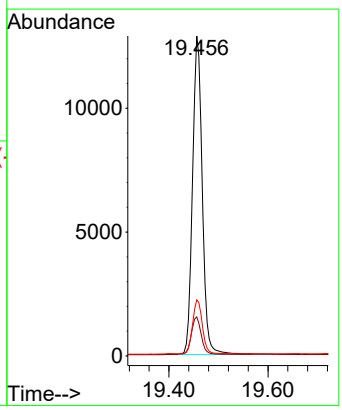


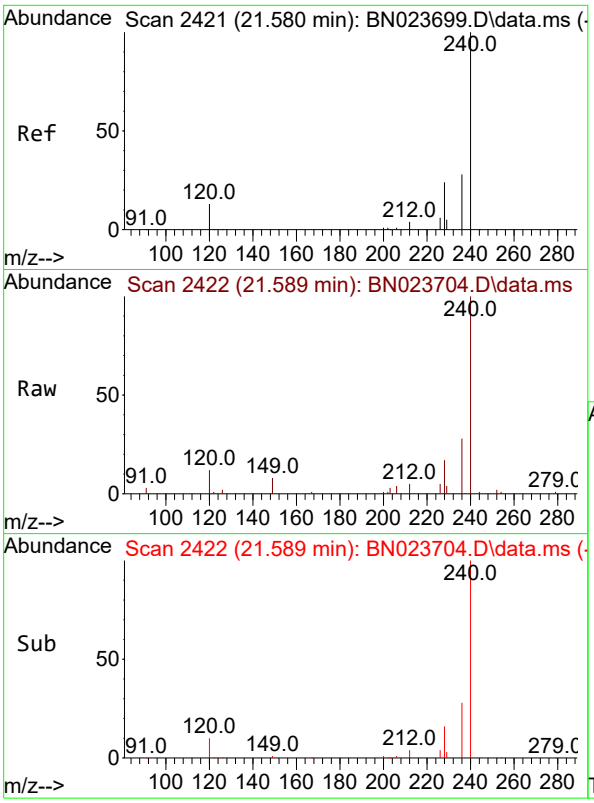


#28
Fluoranthene
Concen: 0.389 ng
RT: 19.456 min Scan# 2115
Delta R.T. 0.004 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:202 Resp: 17604

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
203	17.0	13.6	20.4



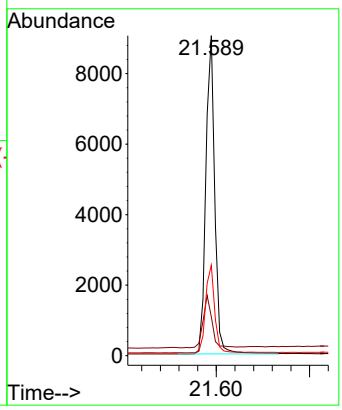


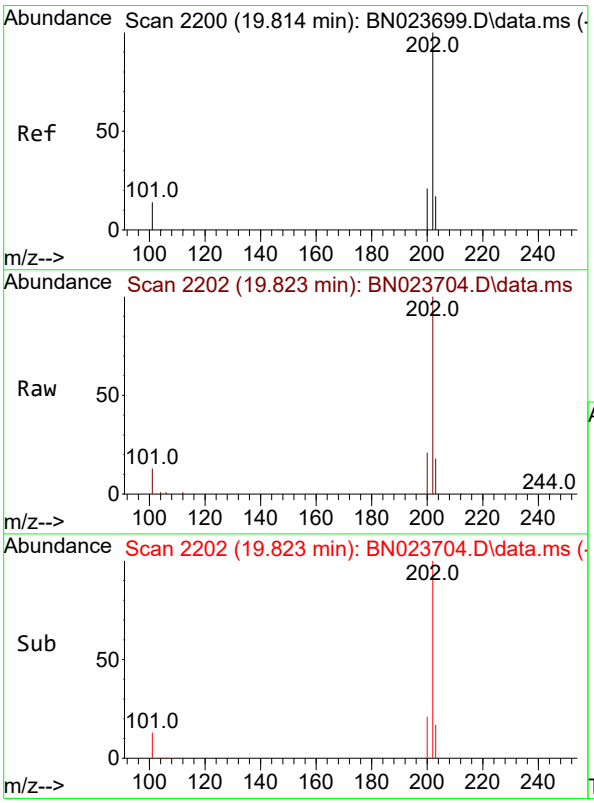
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:240 Resp: 12032

Ion	Ratio	Lower	Upper
240	100		
120	12.1	12.0	18.0
236	28.3	22.8	34.2

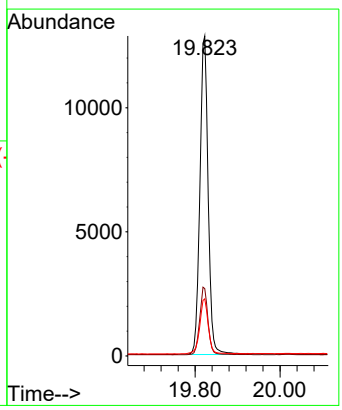


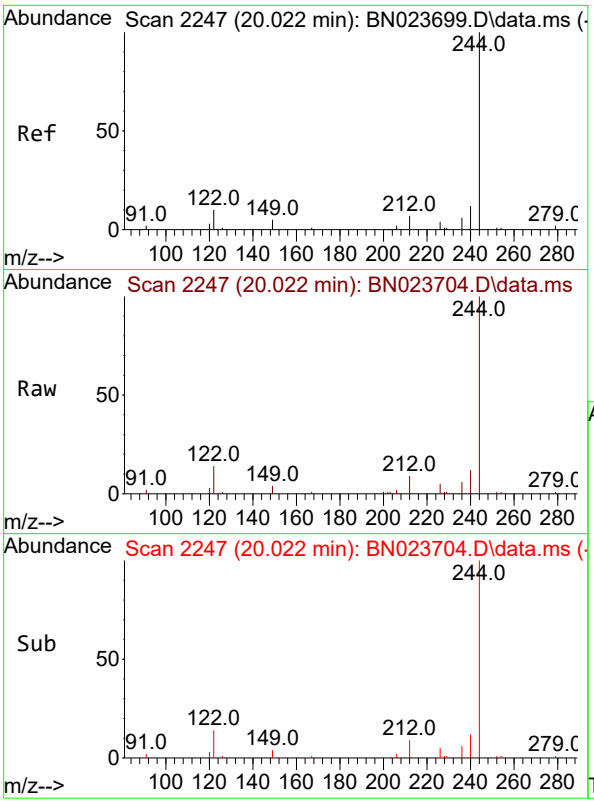


#30
Pyrene
Concen: 0.392 ng
RT: 19.823 min Scan# 2202
Delta R.T. 0.008 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:202 Resp: 17452

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	14.4	21.6



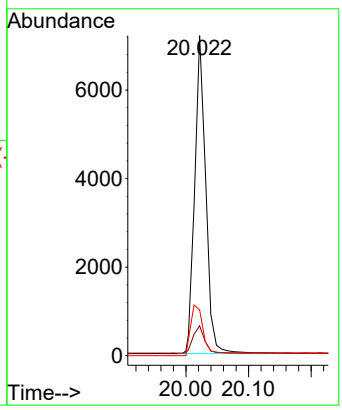


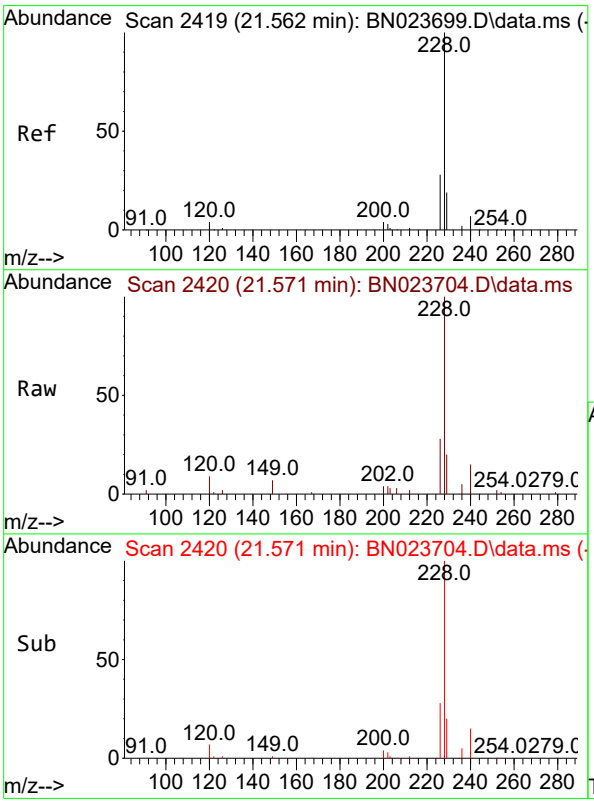
#31
Terphenyl-d14
Concen: 0.421 ng
RT: 20.022 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:244 Resp: 7991

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.5	9.7
122	14.3	7.6	11.4#

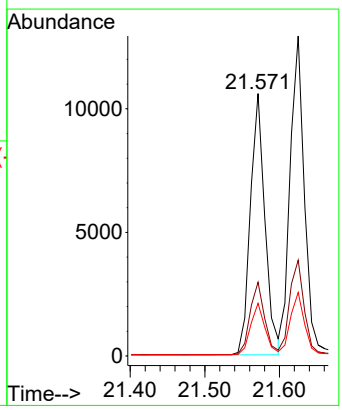


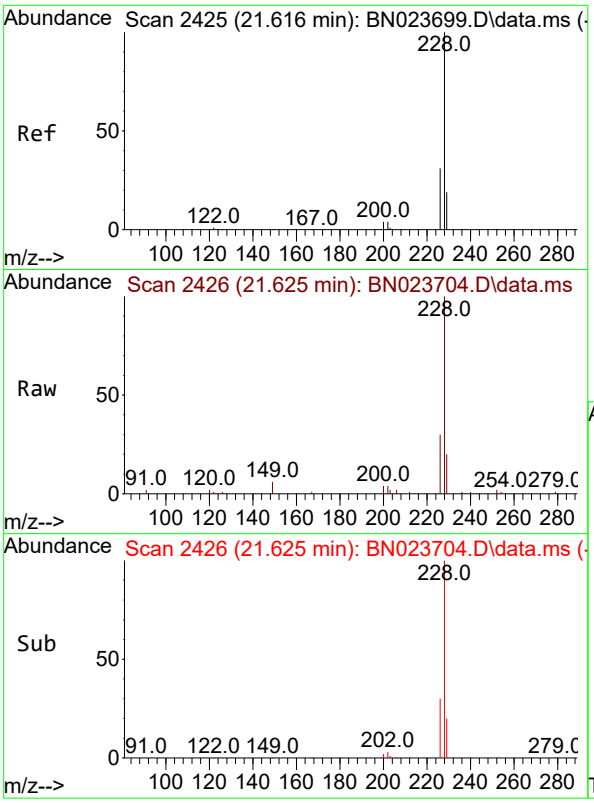


#32
Benzo(a)anthracene
Concen: 0.376 ng
RT: 21.571 min Scan# 2420
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:228 Resp: 14394

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.1	15.5	23.3



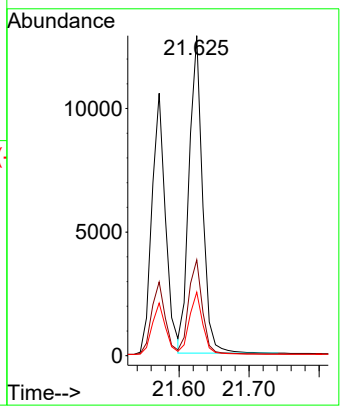


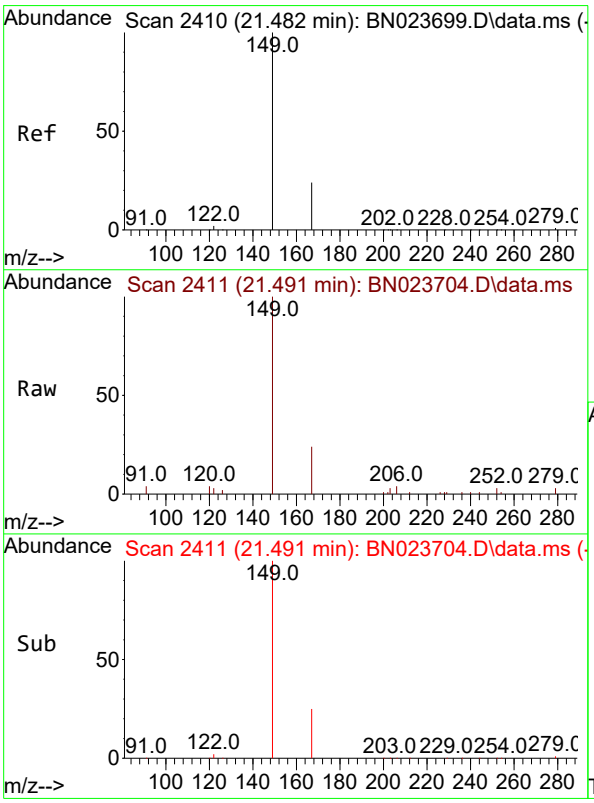
#33
Chrysene
Concen: 0.399 ng
RT: 21.625 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:228 Resp: 17088

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	19.9	15.4	23.0

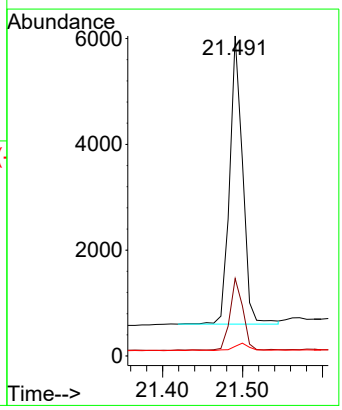


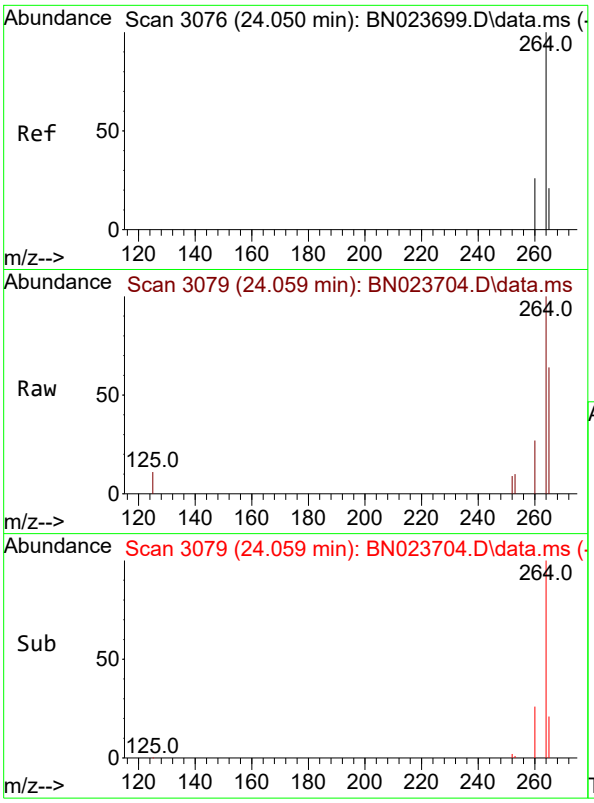


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.360 ng
RT: 21.491 min Scan# 2411
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:149 Resp: 6145

Ion	Ratio	Lower	Upper
149	100		
167	24.5	19.8	29.8
279	2.8	2.5	3.7



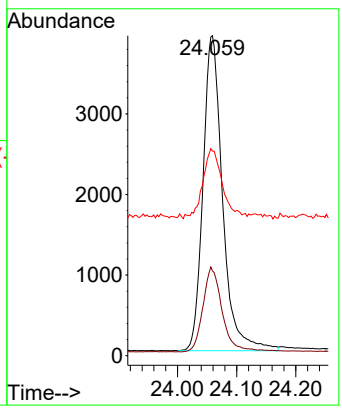


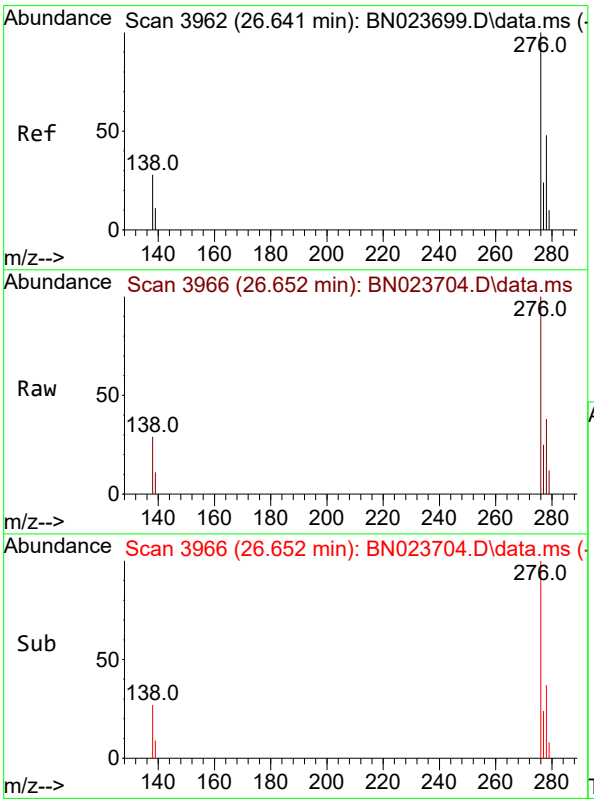
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.059 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:264 Resp: 9001

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.0	31.6
265	64.0	49.9	74.9

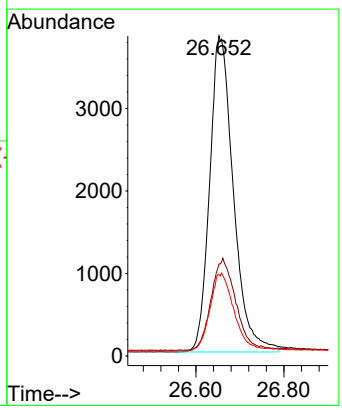


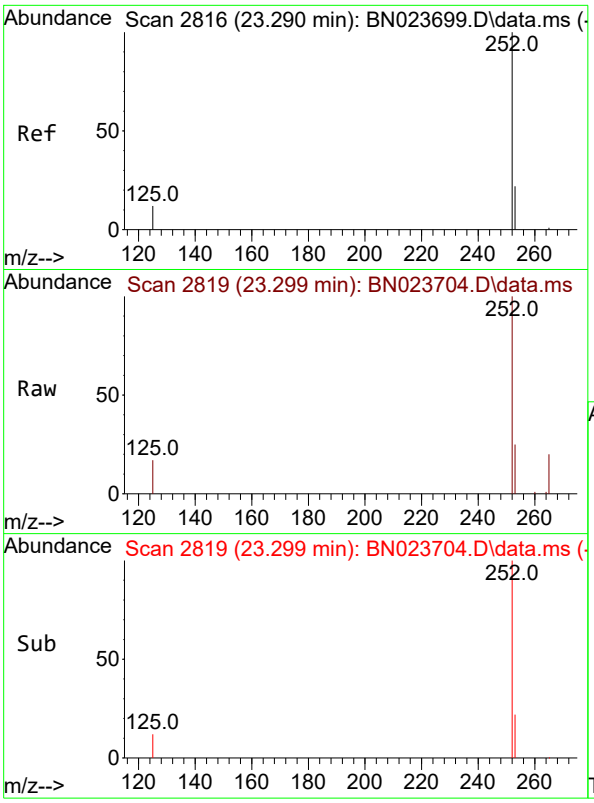


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng
RT: 26.652 min Scan# 3966
Delta R.T. 0.012 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:276 Resp: 14353

Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.0	36.0
277	24.6	19.8	29.8



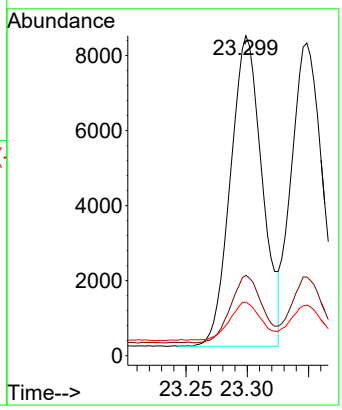


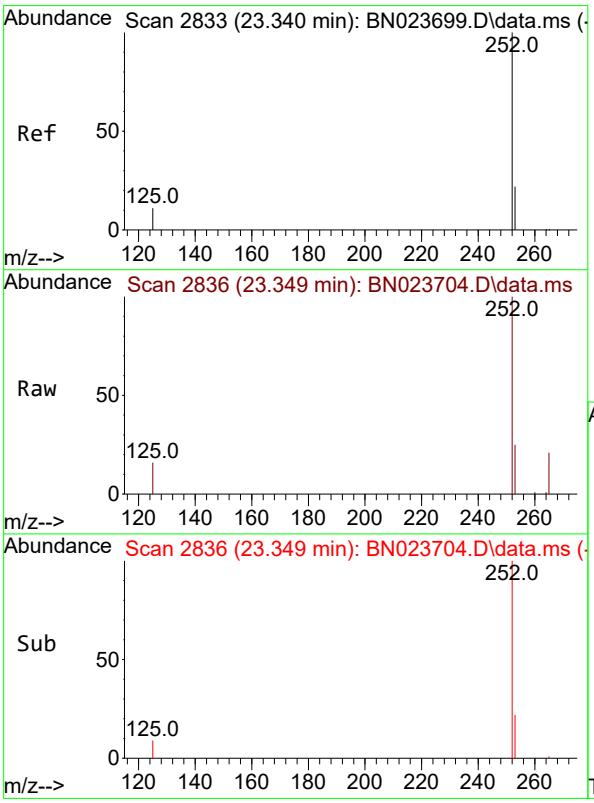
#37
Benzo(b)fluoranthene
Concen: 0.399 ng
RT: 23.299 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:252 Resp: 14908

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.9	29.9
125	16.8	13.2	19.8

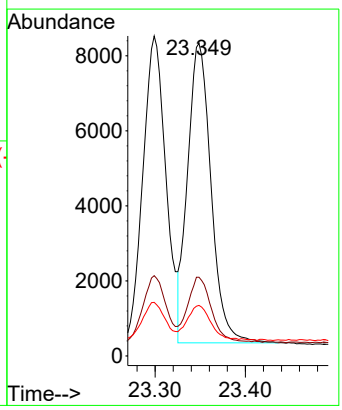


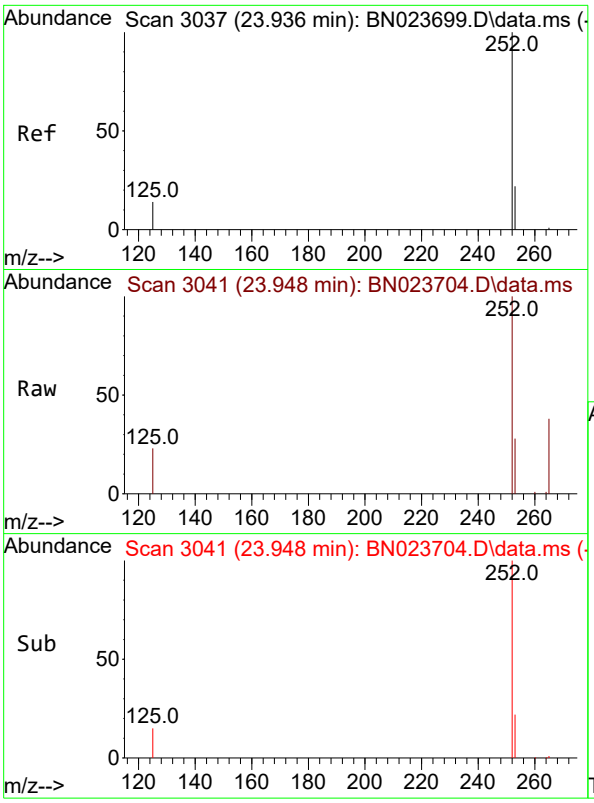


#38
Benzo(k)fluoranthene
Concen: 0.381 ng
RT: 23.349 min Scan# 2836
Delta R.T. 0.009 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:252 Resp: 14415

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.2	30.2
125	16.2	12.8	19.2



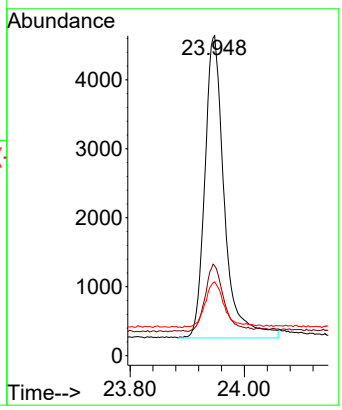


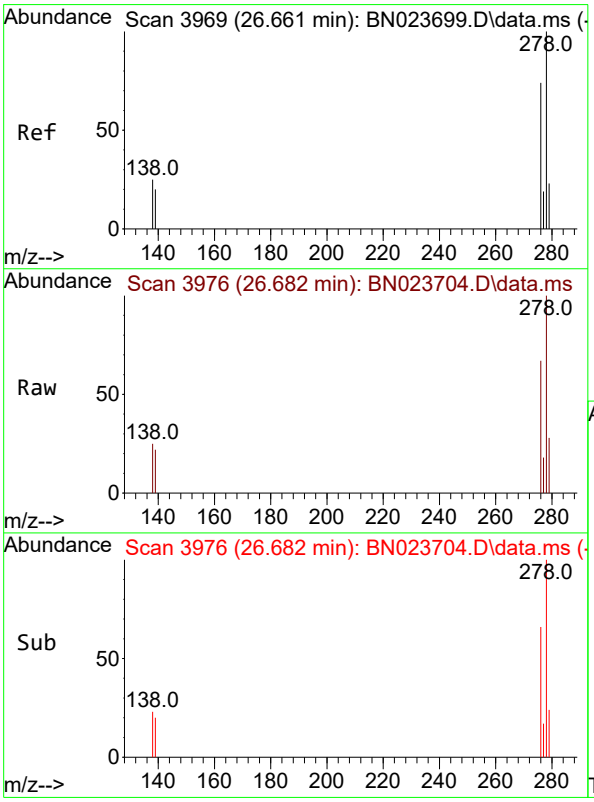
#39
Benzo(a)pyrene
Concen: 0.376 ng
RT: 23.948 min Scan# 3
Delta R.T. 0.012 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:252 Resp: 10388

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.4	33.6
125	23.1	17.7	26.5

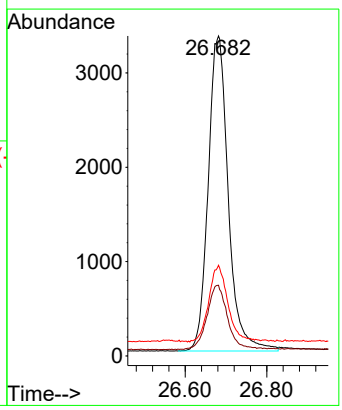


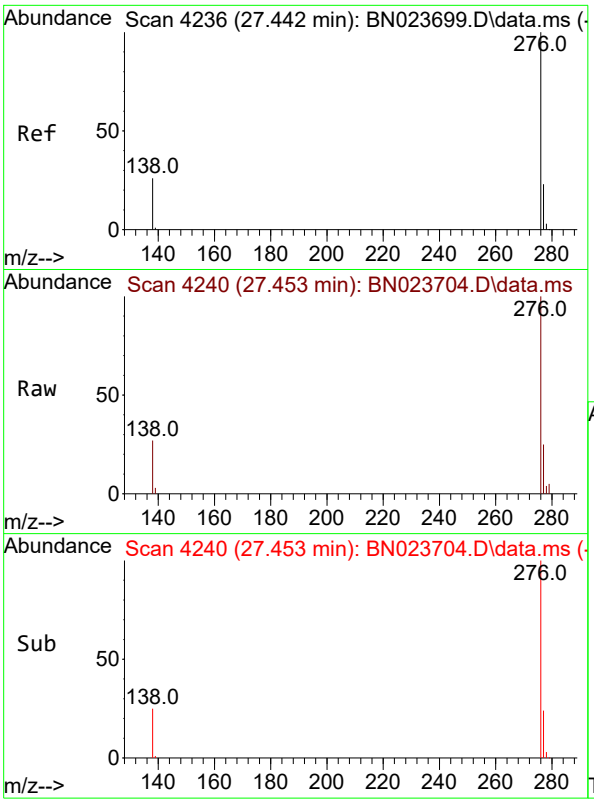


#40
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 26.682 min Scan# 3976
Delta R.T. 0.020 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Tgt Ion:278 Resp: 11406

Ion	Ratio	Lower	Upper
278	100		
139	22.1	17.2	25.8
279	28.3	21.4	32.2





#41
Benzo(g,h,i)perylene
Concen: 0.359 ng
RT: 27.453 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN023704.D
Acq: 18 Jan 2023 15:40

Instrument :
BNA_N
ClientSampleId :
ICVBN011823

Tgt Ion:276 Resp: 12301

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.0
138	27.1	21.8	32.8