Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023138.D
Acq On : 12 Dec 2022 16:47
Operator : CG/JU
Sample : PB149511BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Quant Time: Dec 12 17:21:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.021	152	7251	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21153	0.400	ng		0.00
13) Acenaphthene-d10	14.656	164	10869	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	23186	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	18454	0.400	ng	#	0.00
35) Perylene-d12	24.047	264	14377	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.551	112	5359	0.397	ng		0.00
5) Phenol-d6	7.168	99	6731	0.392	ng		0.00
8) Nitrobenzene-d5	9.185	82	5520	0.396	ng		0.00
11) 2-Methylnaphthalene-d10	12.424	152	14227	0.397	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1518	0.385	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	17741	0.409	ng		0.00
27) Fluoranthene-d10	19.435	212	21409	0.394	ng		0.00
31) Terphenyl-d14	20.031	244	11338	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	2814	0.393	ng		98
3) n-Nitrosodimethylamine	3.731	42	2858	0.407	ng	#	99
6) bis(2-Chloroethyl)ether	7.436	93	7964	0.408	ng		99
9) Naphthalene	10.883	128	21167	0.393	ng		99
10) Hexachlorobutadiene	11.182	225	4248	0.414	ng	#	100
12) 2-Methylnaphthalene	12.114	142	3187	0.397	ng		100
16) Acenaphthylene	14.378	152	16403	0.375	ng		100
17) Acenaphthene	14.720	154	12446	0.387	ng		99
18) Fluorene	15.703	166	14136	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.776	198	987	0.448	ng		97
21) 4-Bromophenyl-phenylether	16.595	248	4870	0.394	ng	#	89
22) Hexachlorobenzene	16.707	284	6535	0.403	ng		99
23) Atrazine	16.856	200	3088	0.354	ng	#	90
24) Pentachlorophenol	17.055	266	1766	0.314	ng		99
25) Phenanthrene	17.452	178	26644	0.386	ng		100
26) Anthracene	17.539	178	20027	0.364	ng		100
28) Fluoranthene	19.465	202	27822	0.376	ng		99
30) Pyrene	19.827	202	27245	0.403	ng		100
32) Benzo(a)anthracene	21.571	228	22411	0.377	ng		99
33) Chrysene	21.625	228	27080	0.405	ng		100
34) Bis(2-ethylhexyl)phtha...	21.491	149	9657	0.384	ng		100
36) Indeno(1,2,3-cd)pyrene	26.614	276	25395	0.394	ng		97
37) Benzo(b)fluoranthene	23.293	252	24013	0.403	ng		98
38) Benzo(k)fluoranthene	23.343	252	23436	0.387	ng		99
39) Benzo(a)pyrene	23.936	252	17568	0.393	ng		96
40) Dibenzo(a,h)anthracene	26.632	278	19989	0.386	ng		97
41) Benzo(g,h,i)perylene	27.407	276	20906	0.378	ng		98

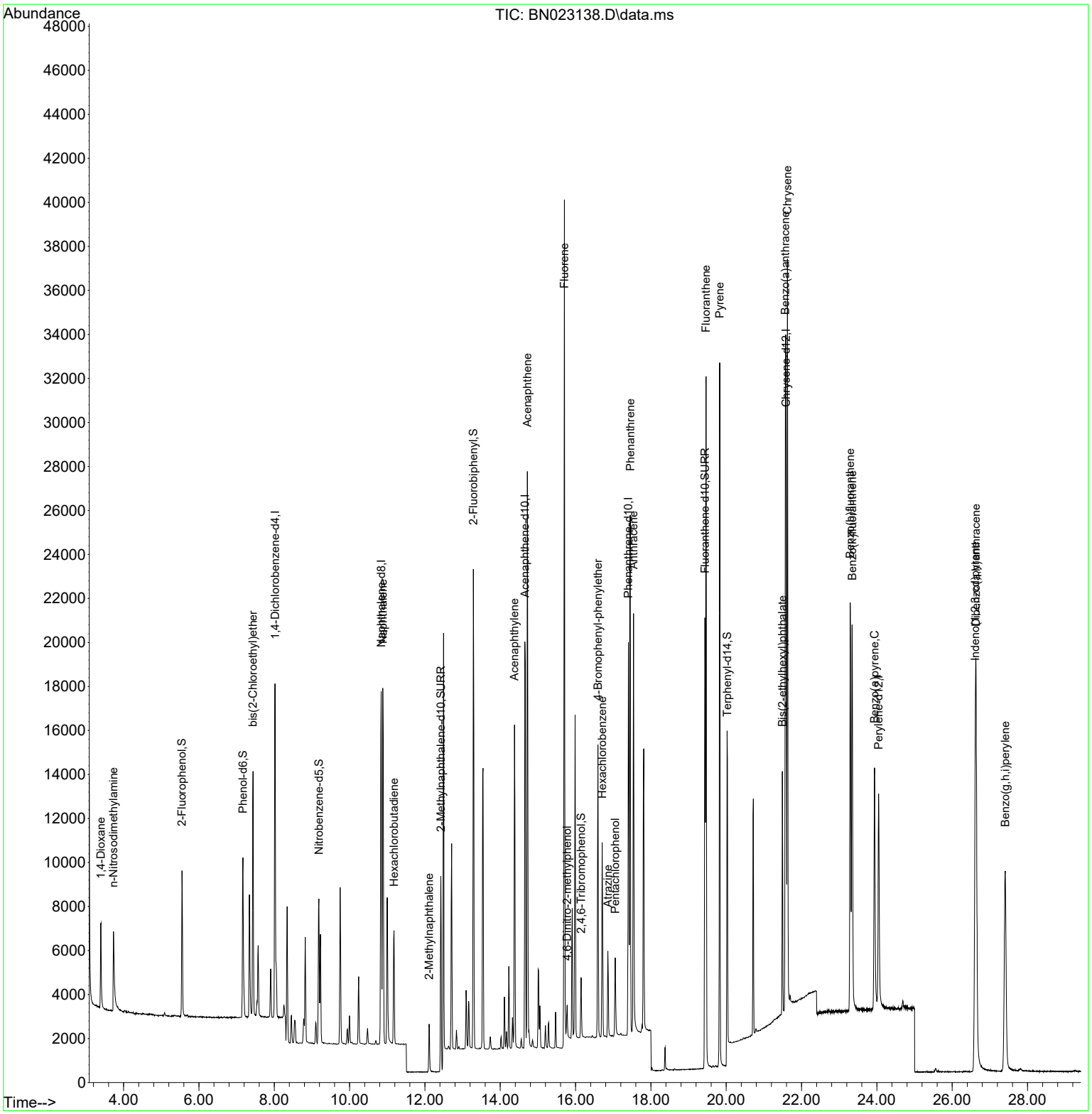
(#) = qualifier out of range (m) = manual integration (+) = signals summed

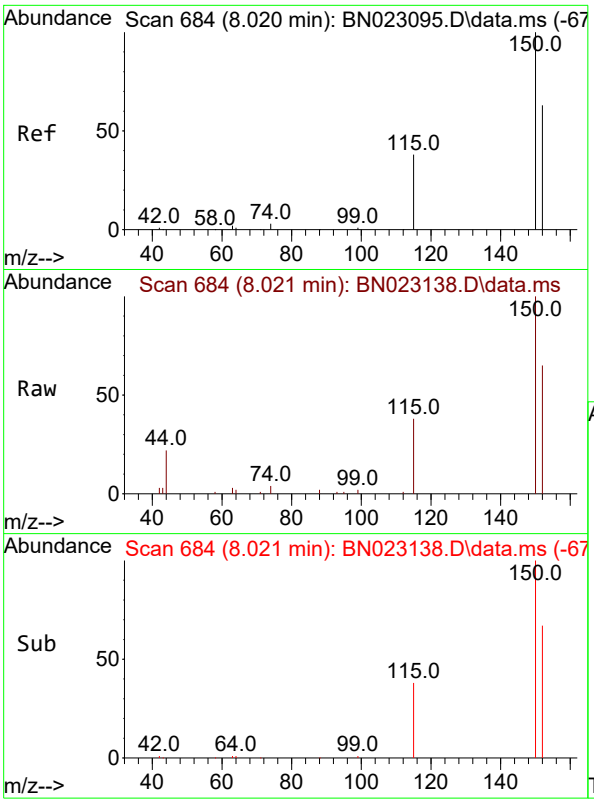
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023138.D
Acq On : 12 Dec 2022 16:47
Operator : CG/JU
Sample : PB149511BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Quant Time: Dec 12 17:21:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration



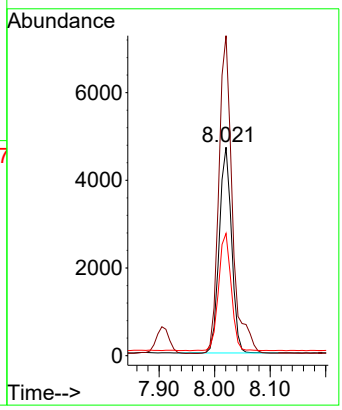


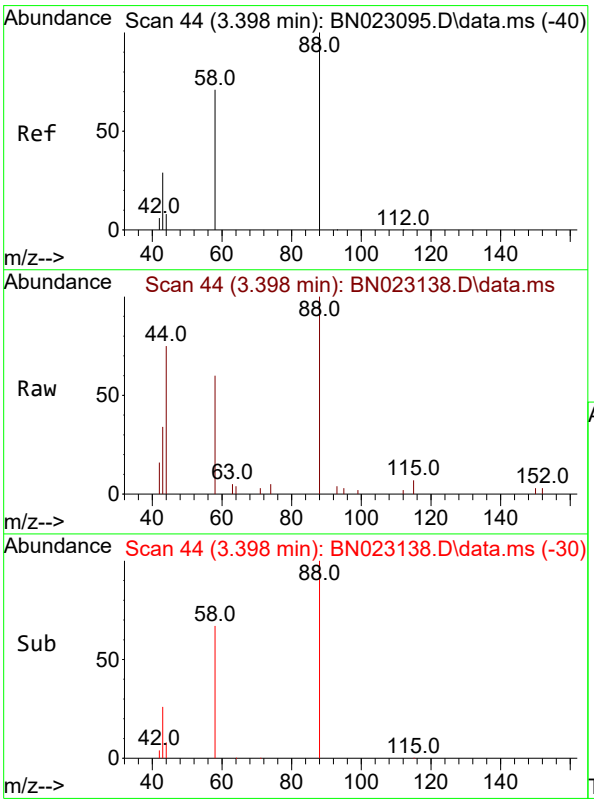
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.021 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:152 Resp: 7251

Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.6	188.4
115	58.7	49.0	73.4

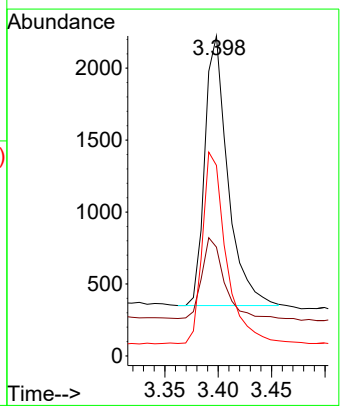


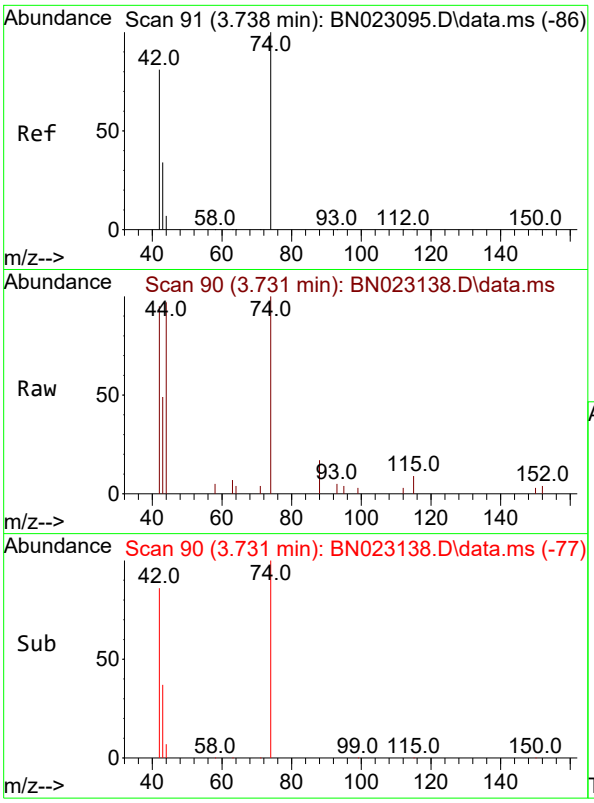


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.398 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion: 88 Resp: 2814

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	74.3	58.0	87.0



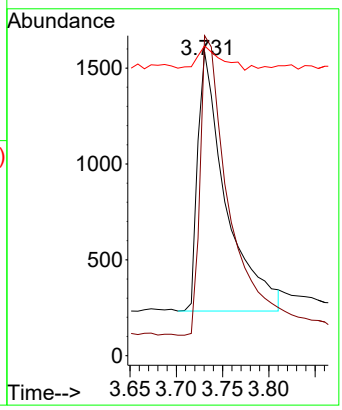


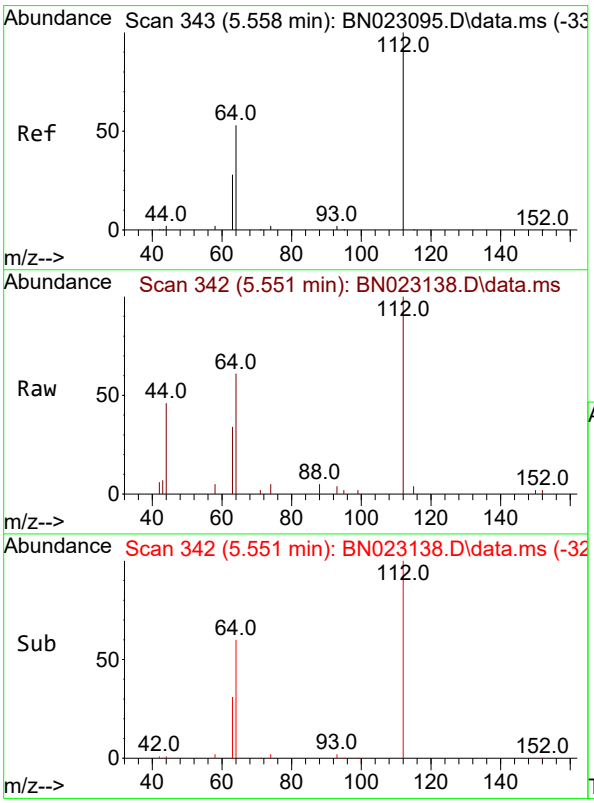
#3
n-Nitrosodimethylamine
Concen: 0.407 ng
RT: 3.731 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion: 42 Resp: 2858

Ion	Ratio	Lower	Upper
42	100		
74	119.8	95.8	143.6
44	6.9	8.4	12.6#

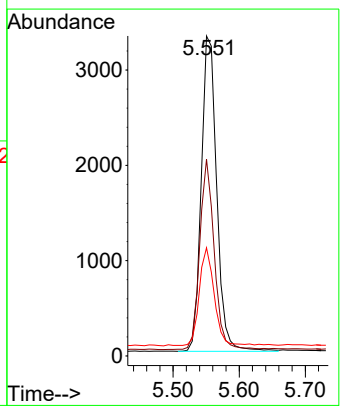


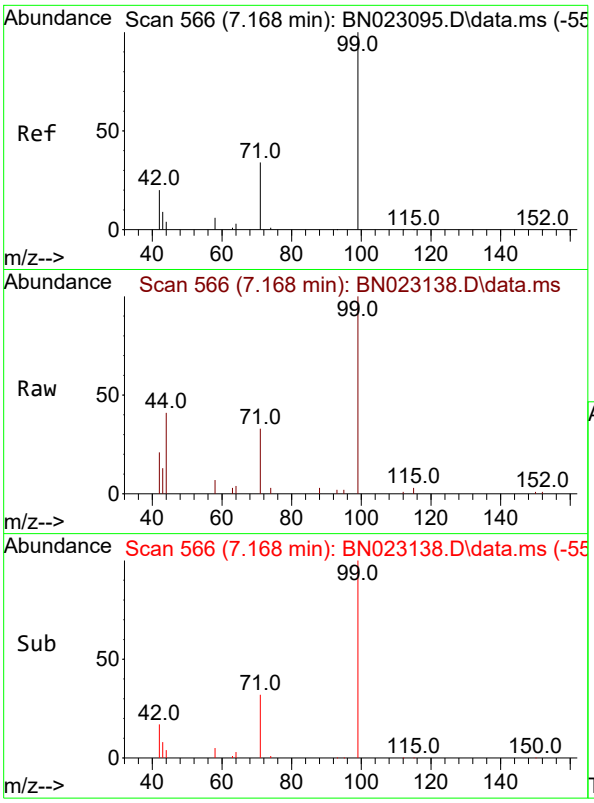


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.551 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:112 Resp: 5359

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.4	66.6
63	29.8	23.7	35.5



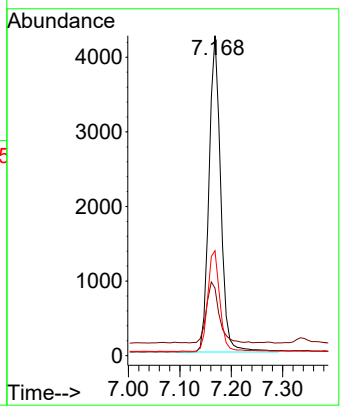


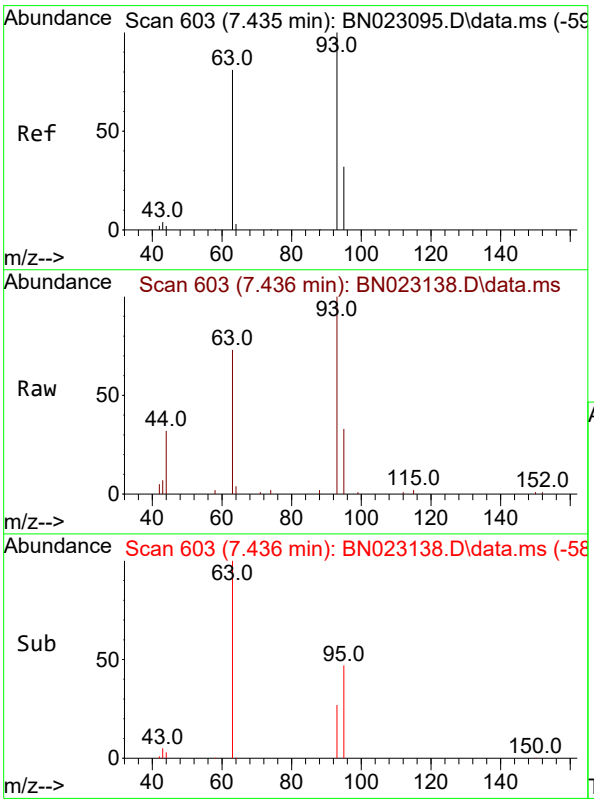
#5
Phenol-d6
Concen: 0.392 ng
RT: 7.168 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion: 99 Resp: 6731

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	33.0	26.5	39.7

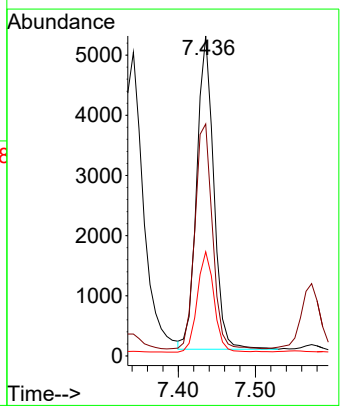


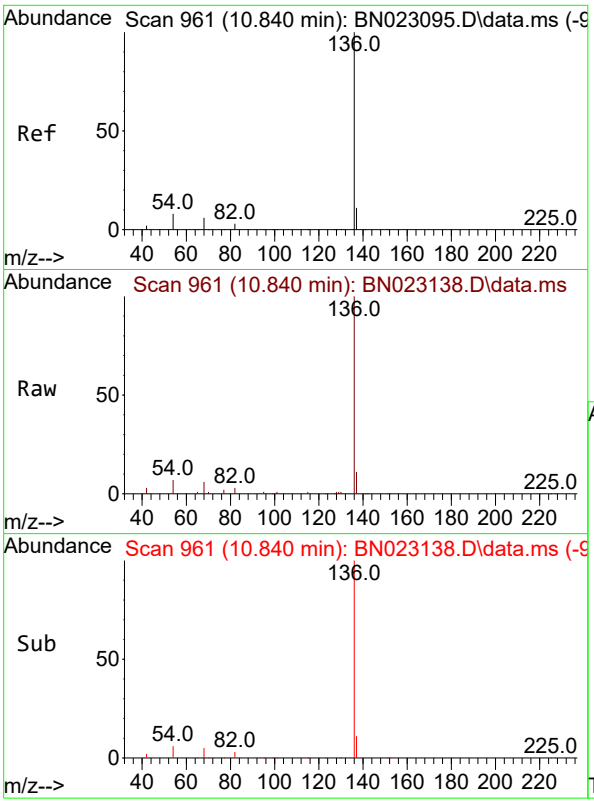


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.436 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion: 93 Resp: 7964

Ion	Ratio	Lower	Upper
93	100		
63	73.9	58.1	87.1
95	31.5	25.2	37.8



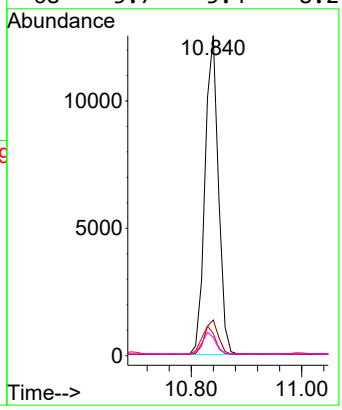


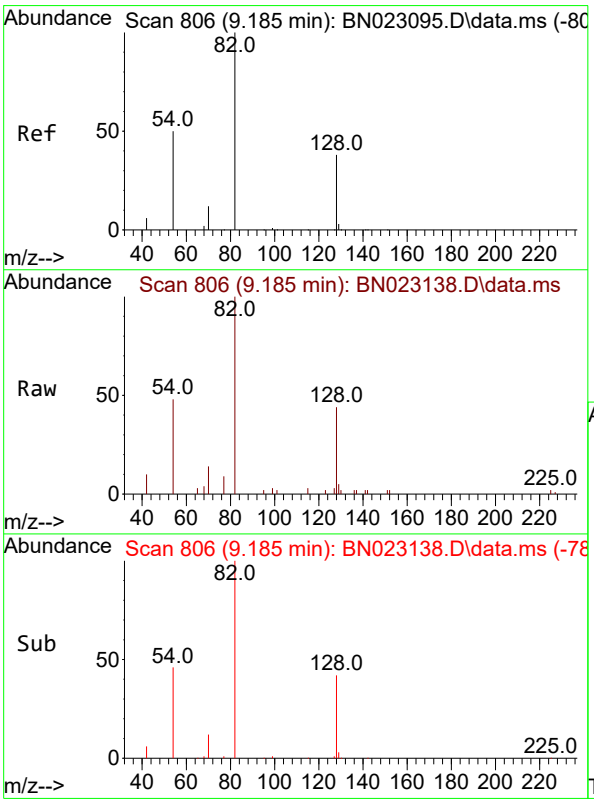
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:136 Resp: 21153

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	6.5	9.7
68	5.7	5.4	8.2

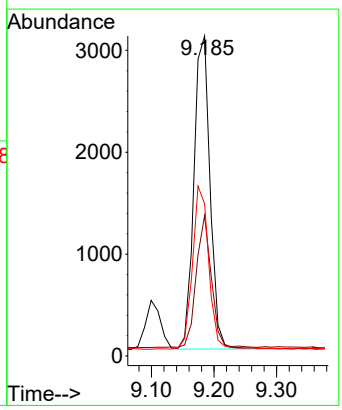


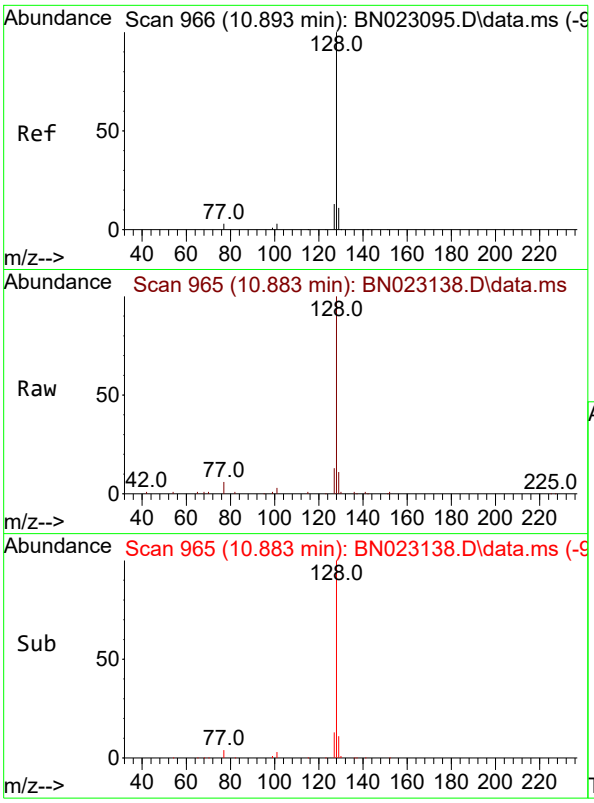


#8
Nitrobenzene-d5
Concen: 0.396 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion: 82 Resp: 5520

Ion	Ratio	Lower	Upper
82	100		
128	43.9	31.4	47.2
54	47.5	41.0	61.4



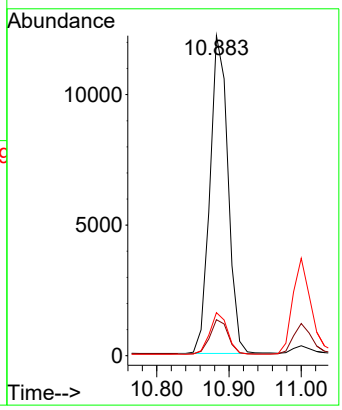


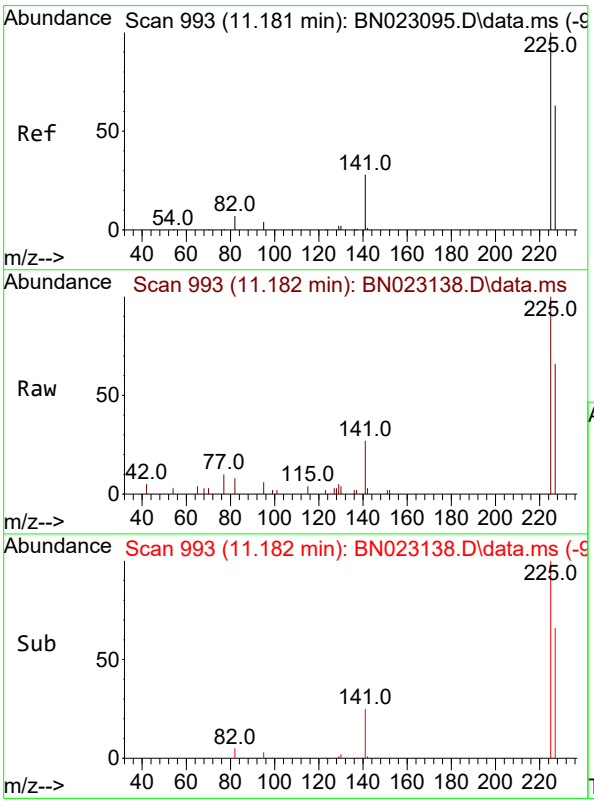
#9
Naphthalene
Concen: 0.393 ng
RT: 10.883 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:128 Resp: 21167

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.5	15.7

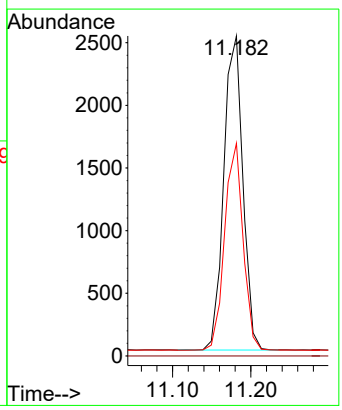


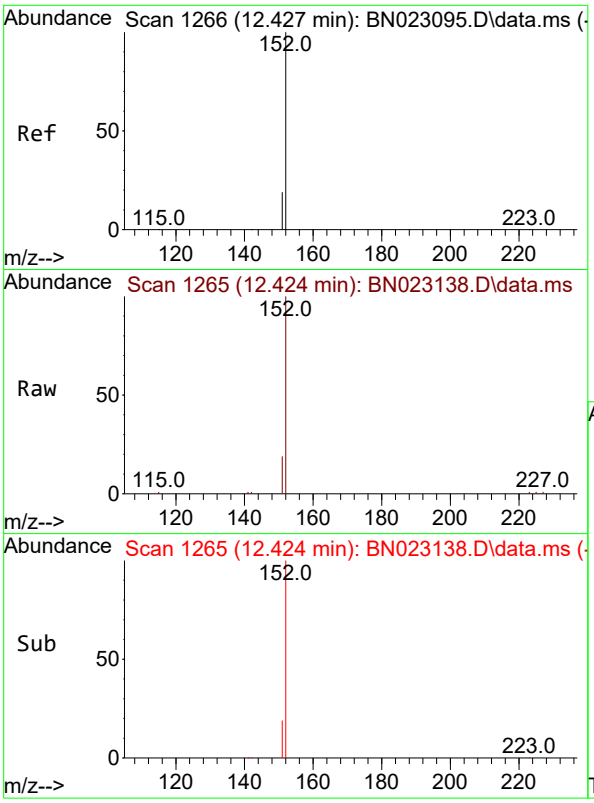


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 11.182 min Scan# 993
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:225 Resp: 4248

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.1	76.7



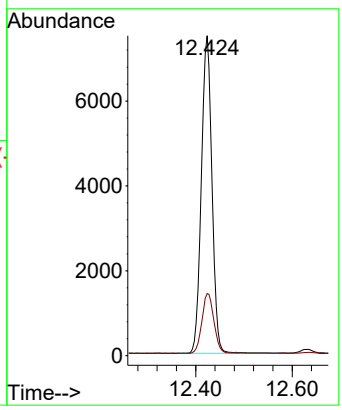


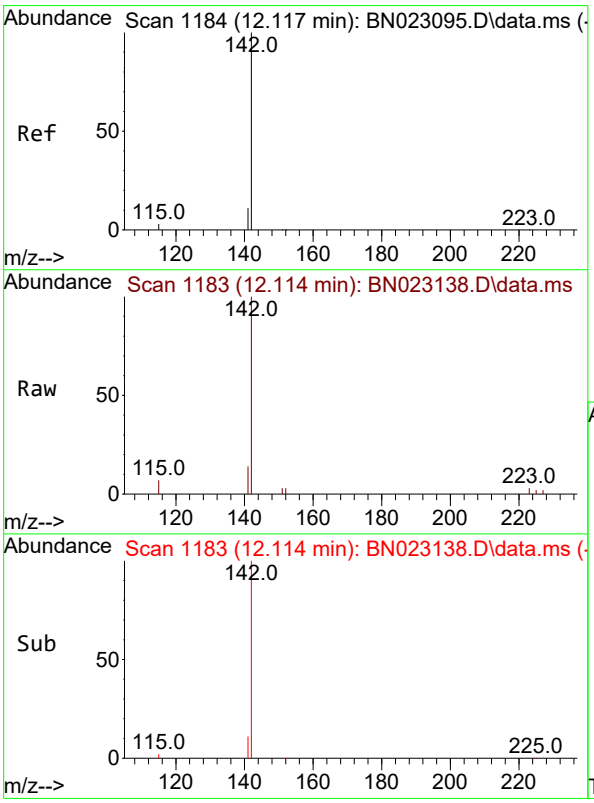
#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.424 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:152 Resp: 14227

Ion	Ratio	Lower	Upper
152	100		
151	17.0	15.1	22.7

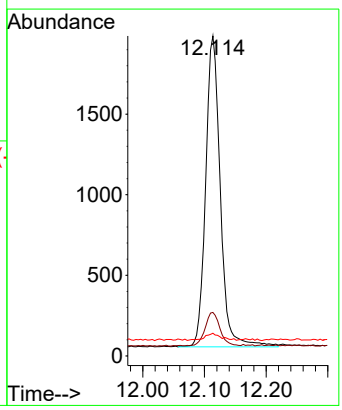


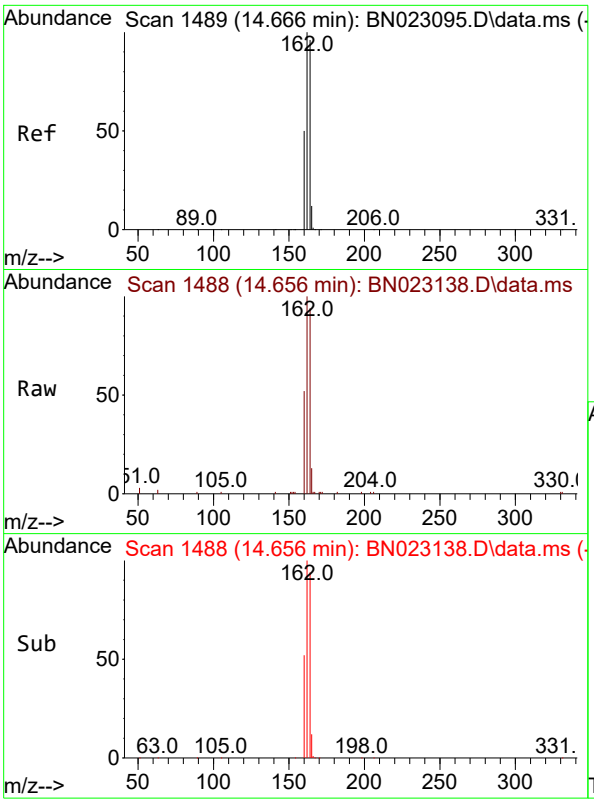


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.114 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:142 Resp: 3187

Ion	Ratio	Lower	Upper
142	100		
141	13.6	10.9	16.3
115	7.1	5.7	8.5



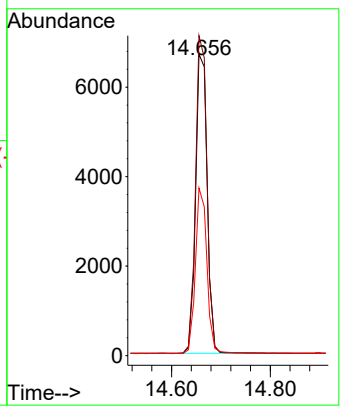


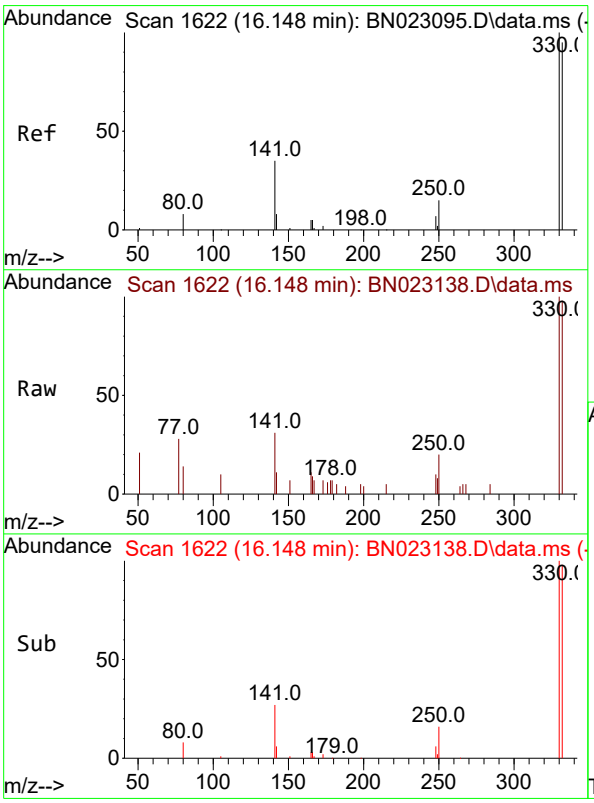
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.656 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:164 Resp: 10869

Ion	Ratio	Lower	Upper
164	100		
162	106.1	83.4	125.0
160	55.6	41.8	62.8

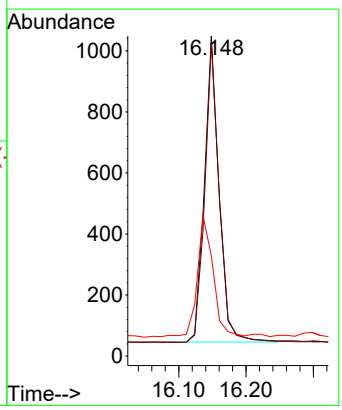


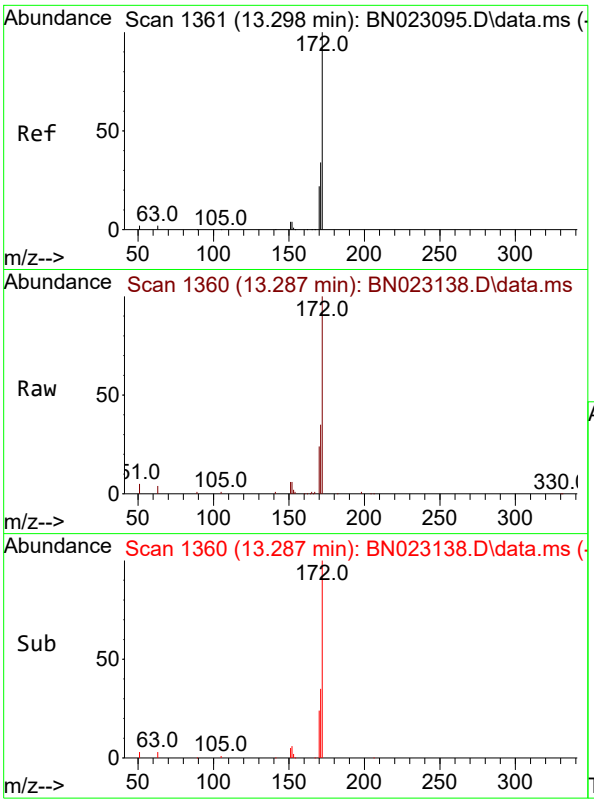


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:330 Resp: 1518

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	42.0	33.5	50.3



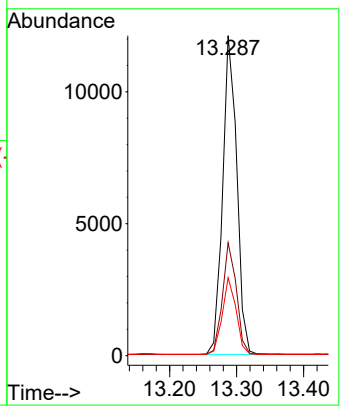


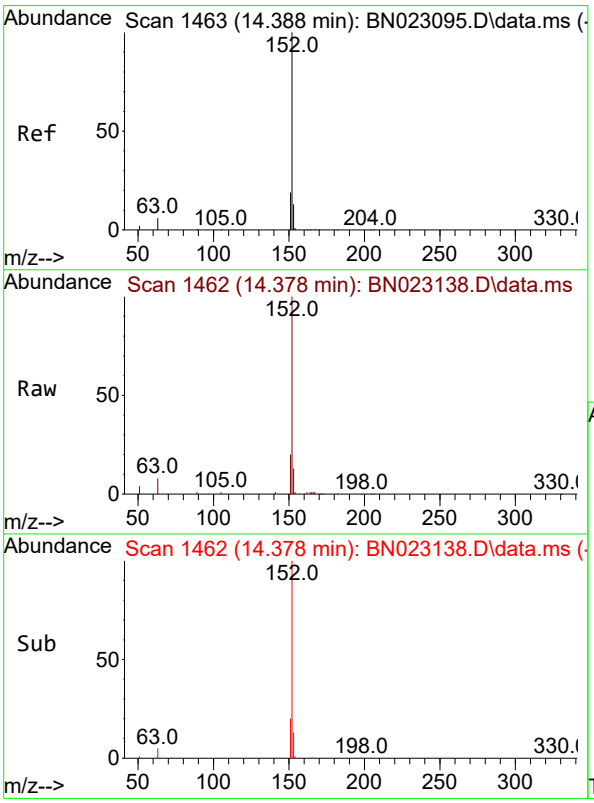
#15
2-Fluorobiphenyl
Concen: 0.409 ng
RT: 13.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:172 Resp: 17741

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	24.4	17.9	26.9

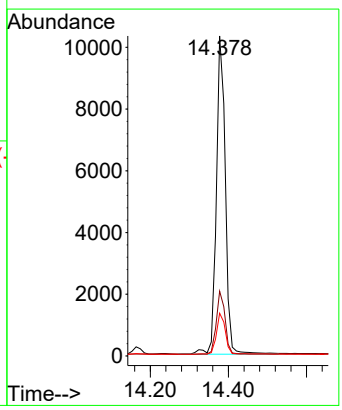


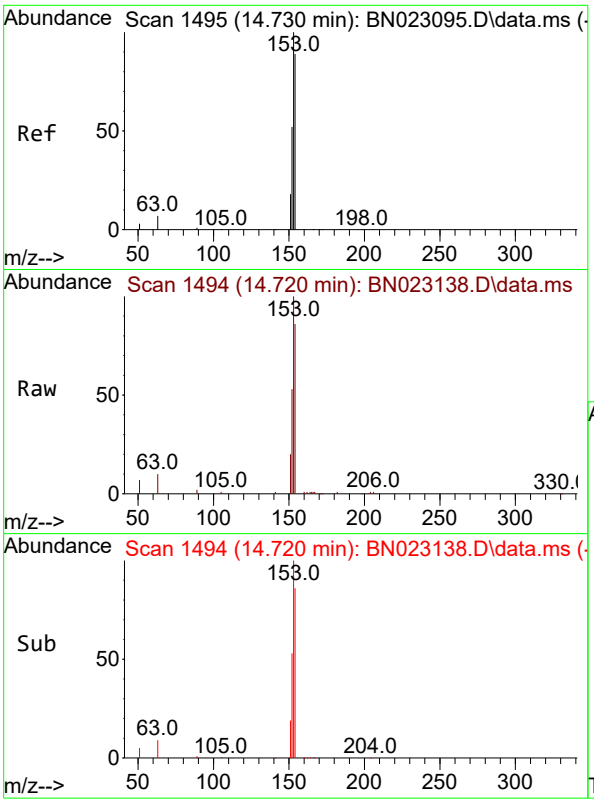


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.378 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:152 Resp: 16403

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.8	10.3	15.5



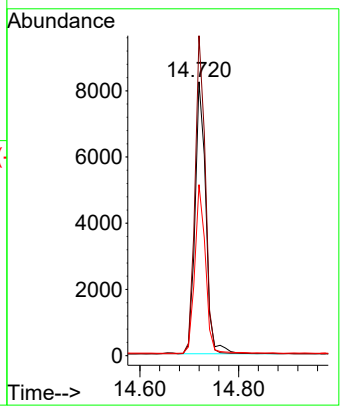


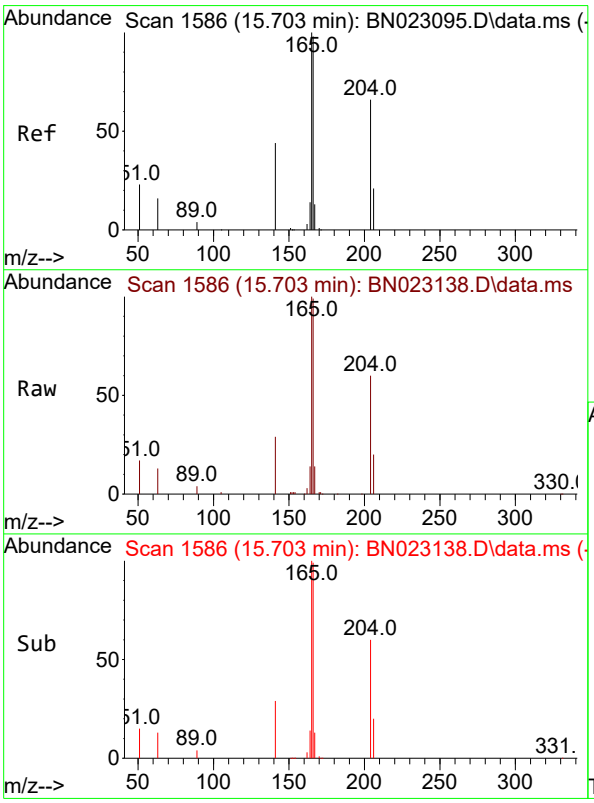
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.720 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:154 Resp: 12446

Ion	Ratio	Lower	Upper
154	100		
153	112.3	88.6	132.8
152	61.1	48.1	72.1

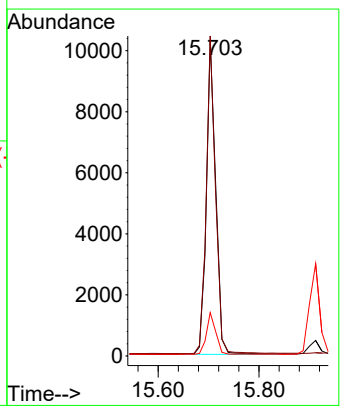


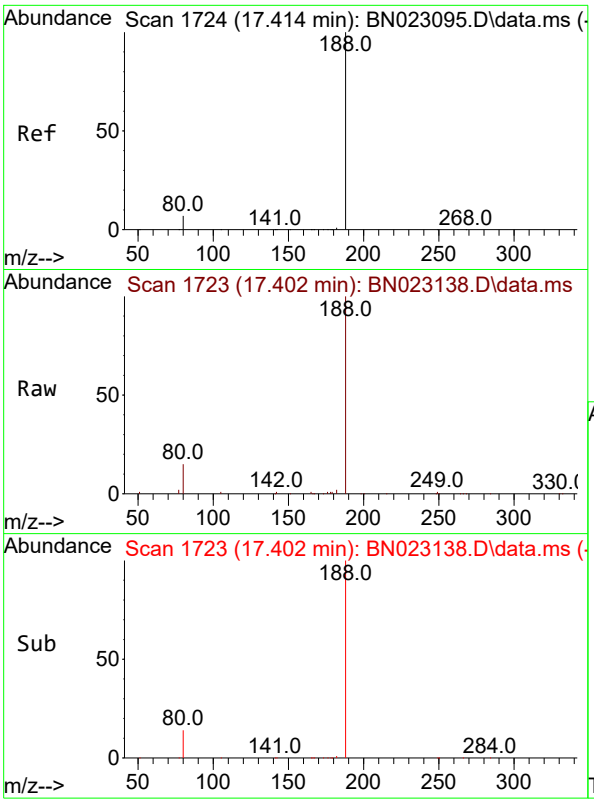


#18
Fluorene
Concen: 0.393 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:166 Resp: 14136

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.6
167	13.3	10.6	16.0



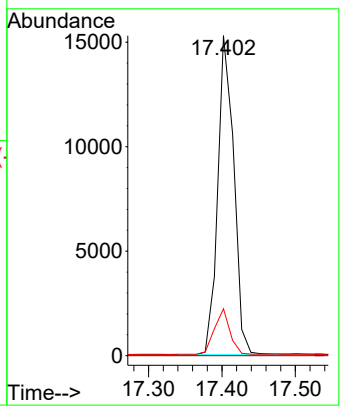


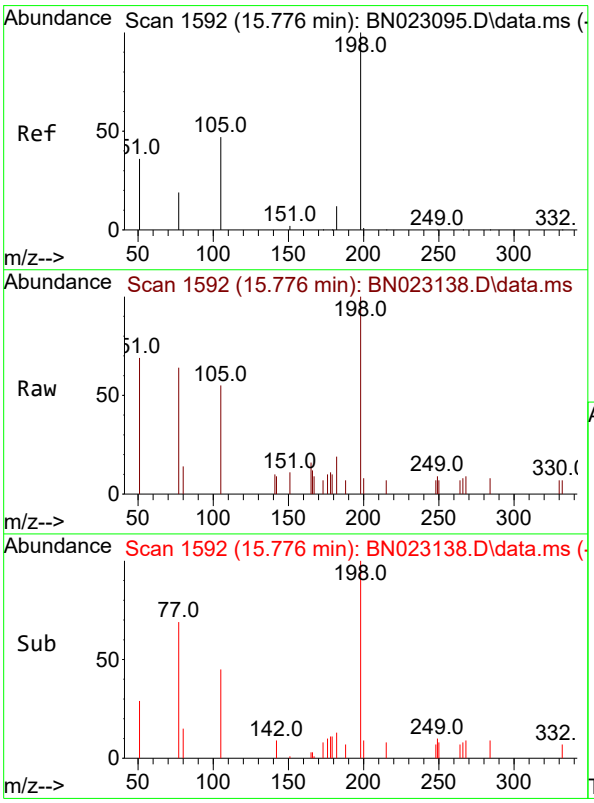
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:188 Resp: 23186

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	6.1	9.1#

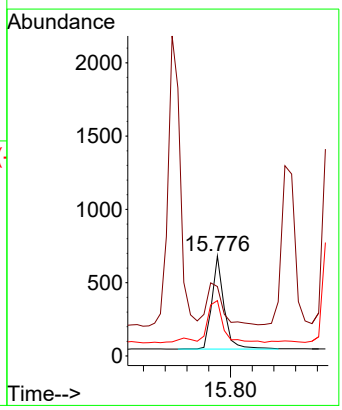


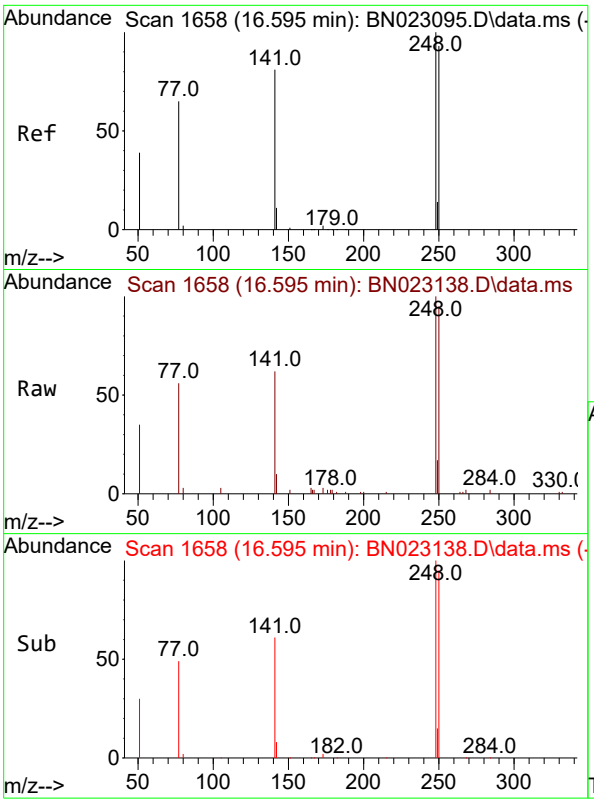


#20
4,6-Dinitro-2-methylphenol
Concen: 0.448 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:198 Resp: 987

Ion	Ratio	Lower	Upper
198	100		
51	69.4	57.0	85.4
105	55.3	47.2	70.8



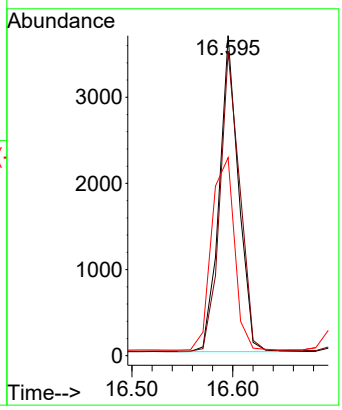


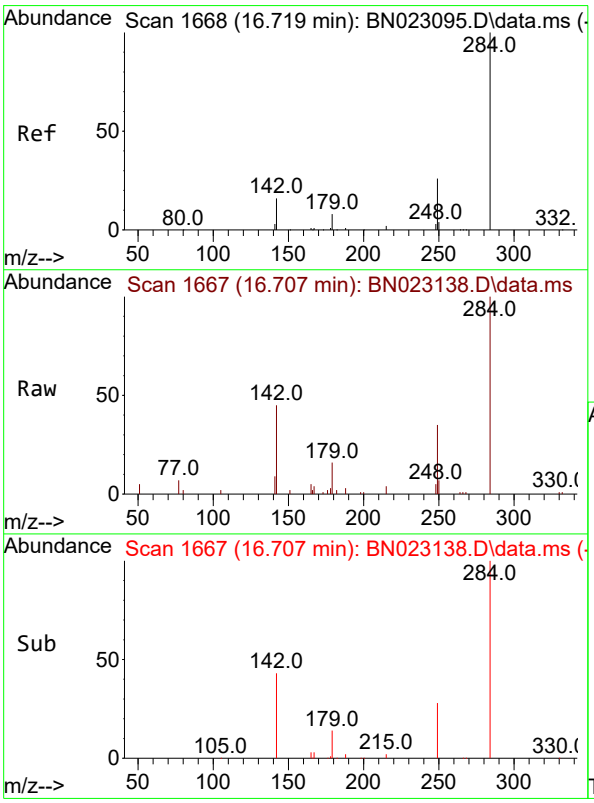
#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.595 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:248 Resp: 4870

Ion	Ratio	Lower	Upper
248	100		
250	95.1	74.3	111.5
141	61.9	65.0	97.6#

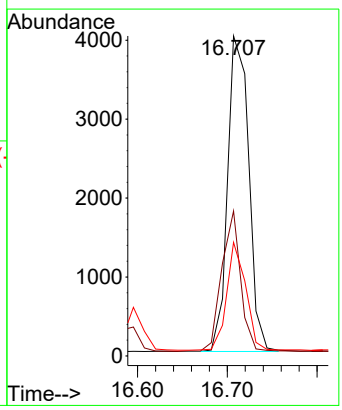


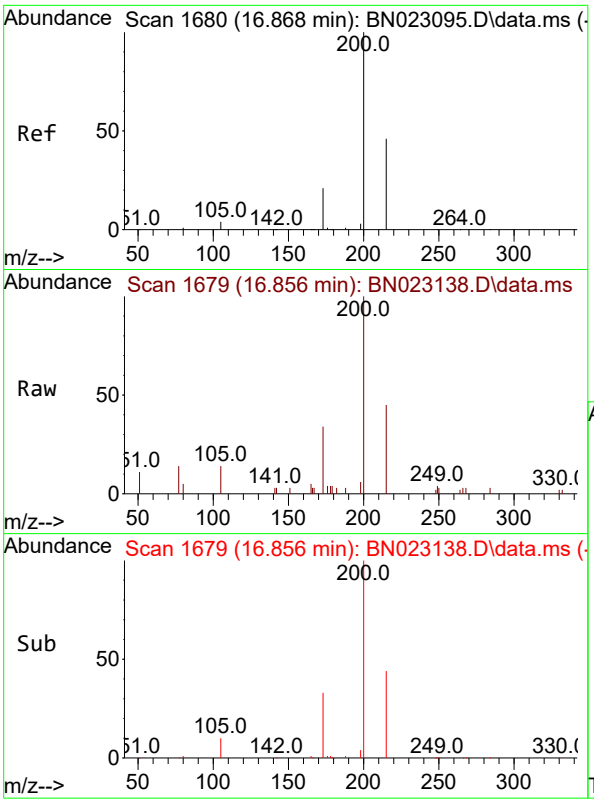


#22
Hexachlorobenzene
Concen: 0.403 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:284 Resp: 6535

Ion	Ratio	Lower	Upper
284	100		
142	39.8	31.0	46.4
249	30.6	24.4	36.6



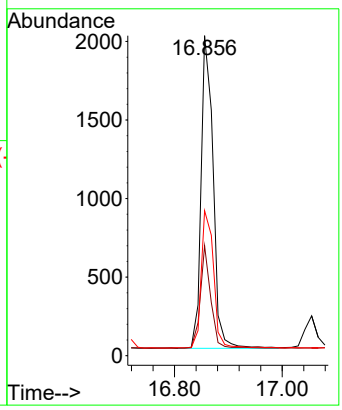


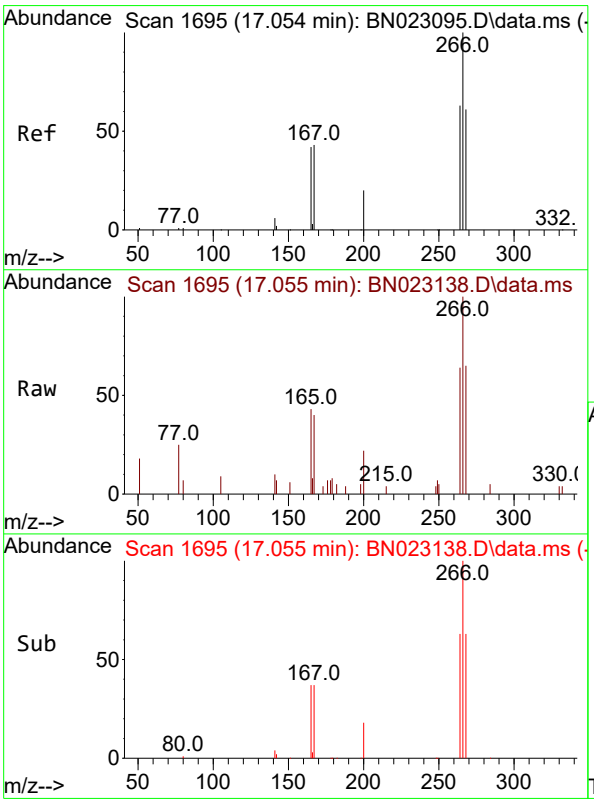
#23
Atrazine
Concen: 0.354 ng
RT: 16.856 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:200 Resp: 3088

Ion	Ratio	Lower	Upper
200	100		
173	34.4	18.2	27.4#
215	45.3	38.0	57.0

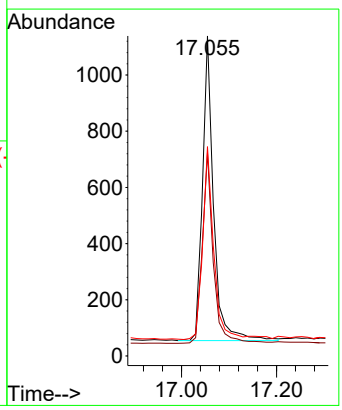


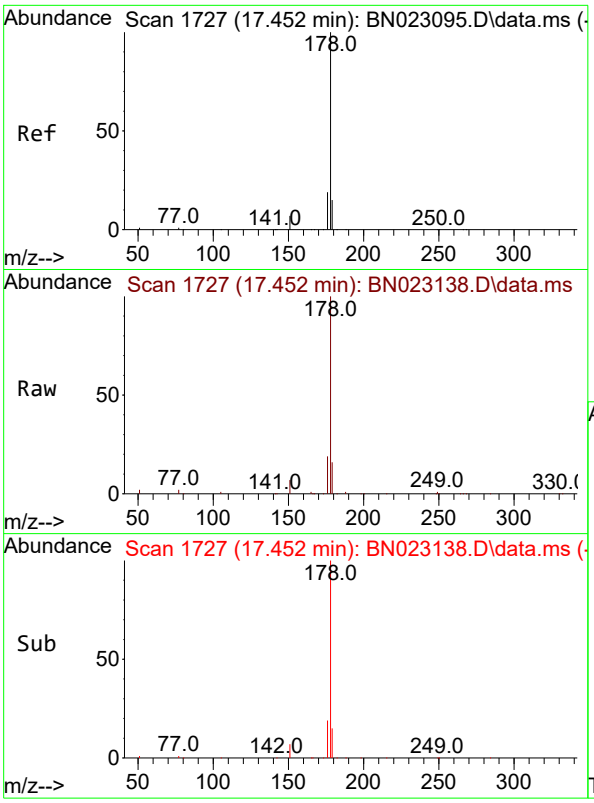


#24
Pentachlorophenol
Concen: 0.314 ng
RT: 17.055 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:266 Resp: 1766

Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.1	75.1
268	62.9	49.7	74.5



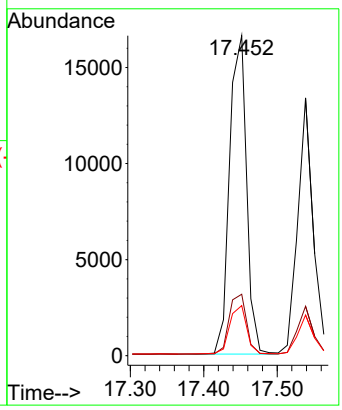


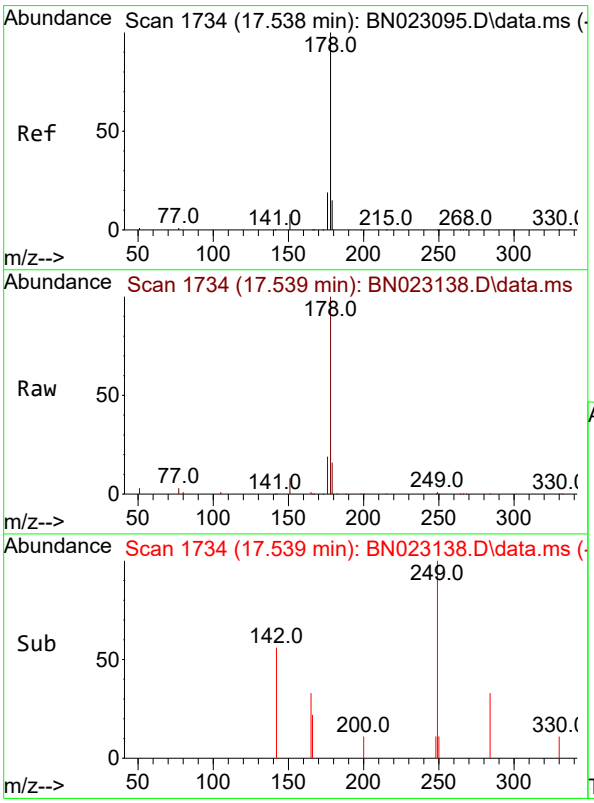
#25
Phenanthrene
Concen: 0.386 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:178 Resp: 26644

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.2

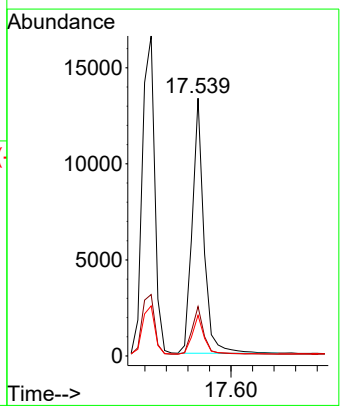


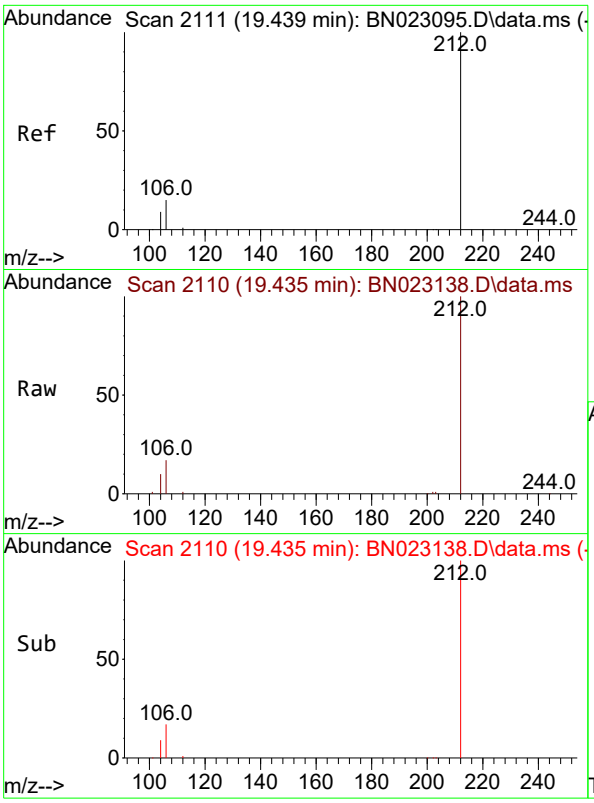


#26
Anthracene
Concen: 0.364 ng
RT: 17.539 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:178 Resp: 20027

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.2	18.4



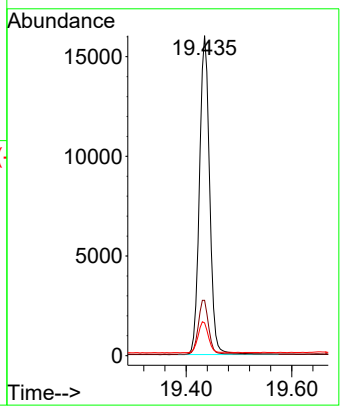


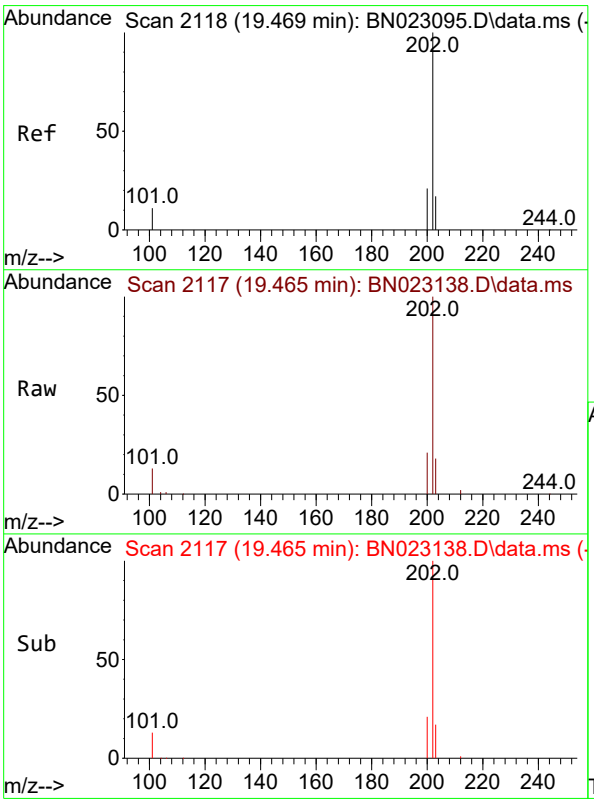
#27
Fluoranthene-d10
Concen: 0.394 ng
RT: 19.435 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:212 Resp: 21409

Ion	Ratio	Lower	Upper
212	100		
106	17.3	13.0	19.4
104	9.9	7.5	11.3

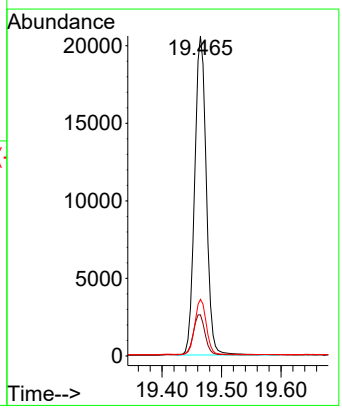


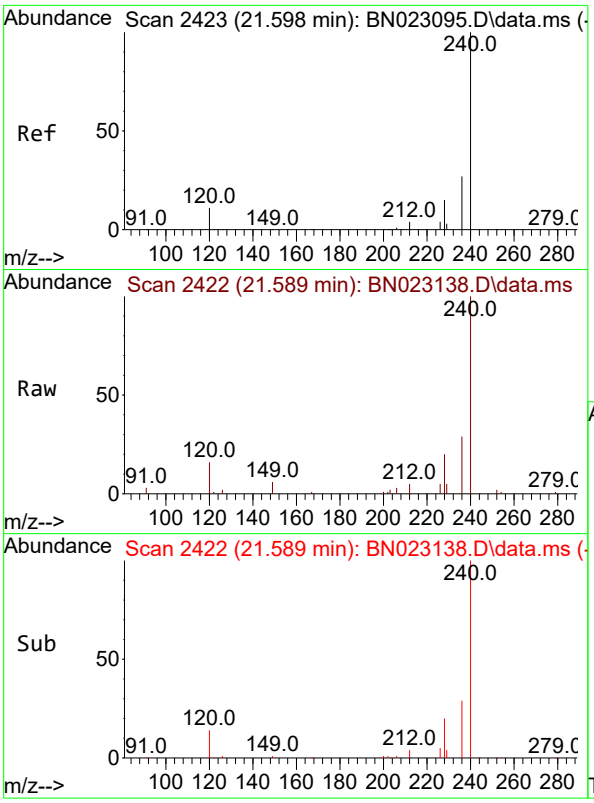


#28
Fluoranthene
Concen: 0.376 ng
RT: 19.465 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:202 Resp: 27822

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.7	14.5
203	17.1	13.8	20.6



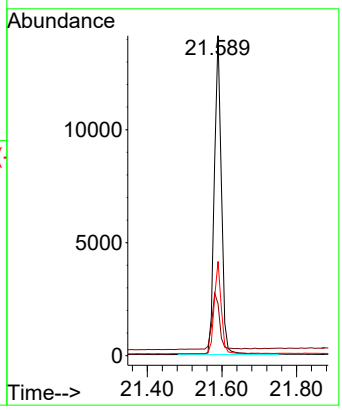


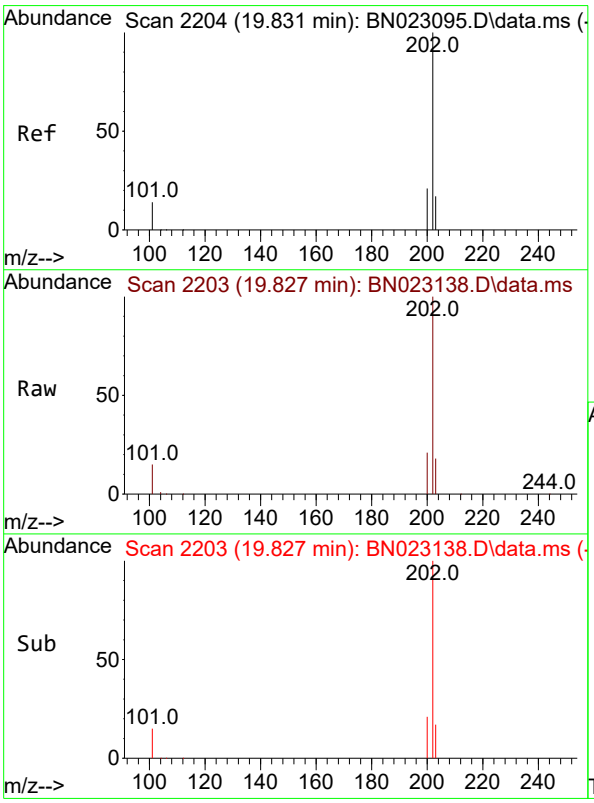
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:240 Resp: 18454

Ion	Ratio	Lower	Upper
240	100		
120	16.2	10.1	15.1#
236	29.5	22.2	33.4

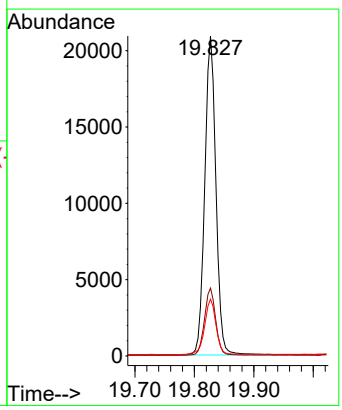


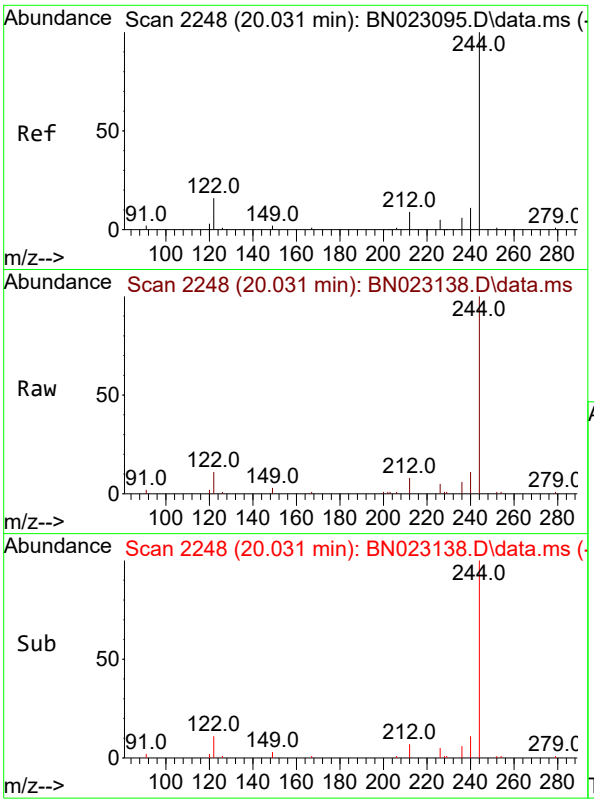


#30
Pyrene
Concen: 0.403 ng
RT: 19.827 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:202 Resp: 27245

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.8	14.2	21.4



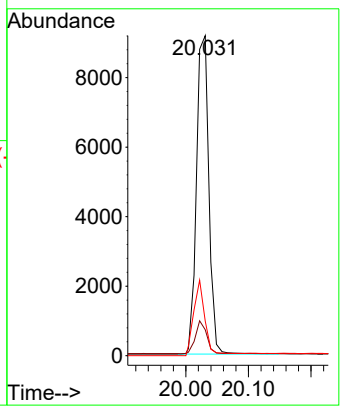


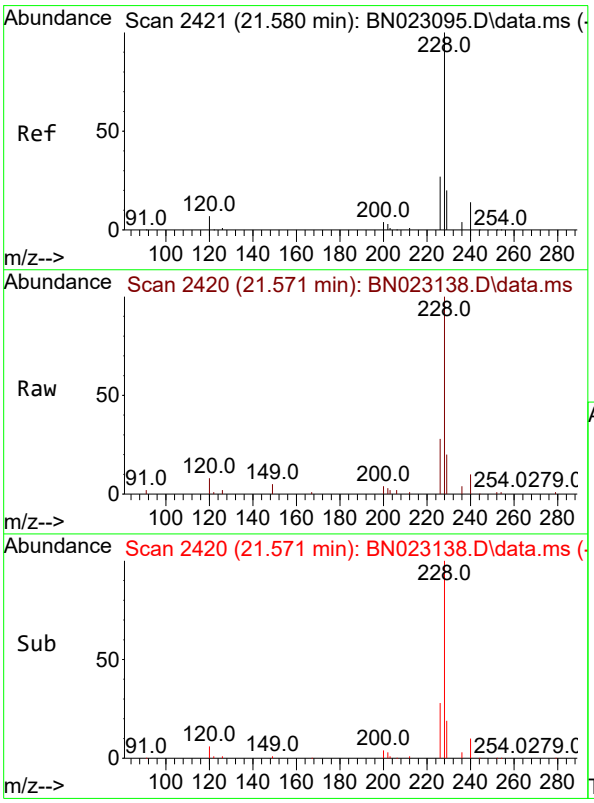
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 20.031 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:244 Resp: 11338

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.6	11.4
122	10.8	12.6	18.8#

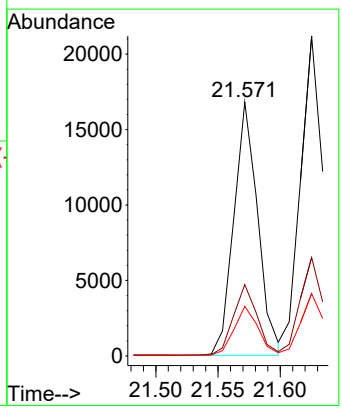


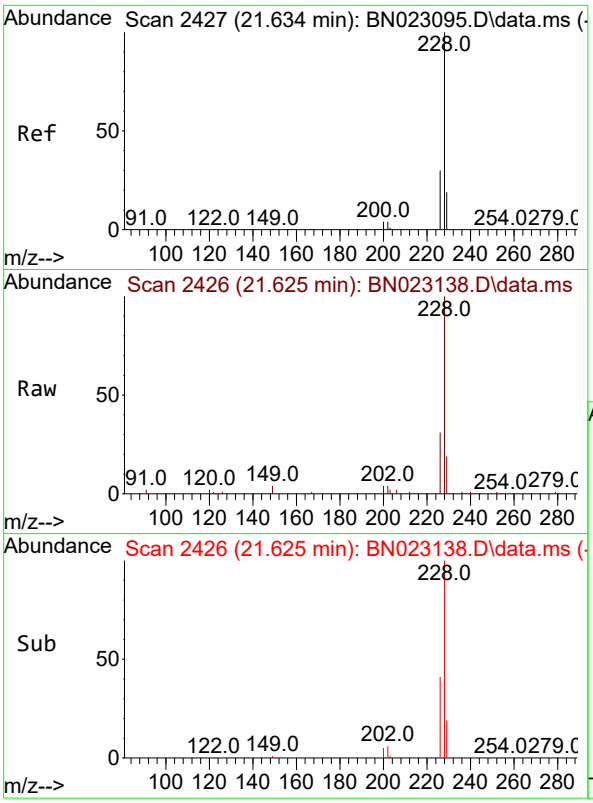


#32
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.571 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:228 Resp: 22411

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.0	33.0
229	19.5	15.8	23.8



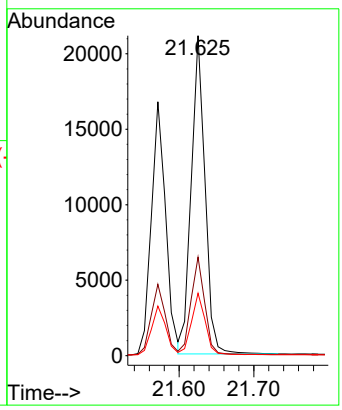


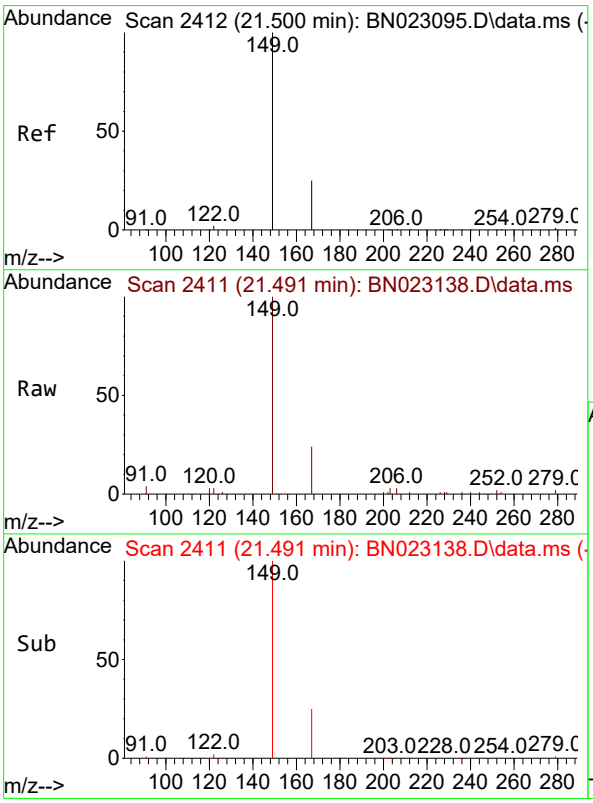
#33
Chrysene
Concen: 0.405 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:228 Resp: 27080

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.5	15.6	23.4

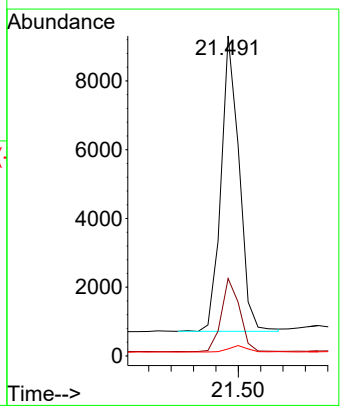


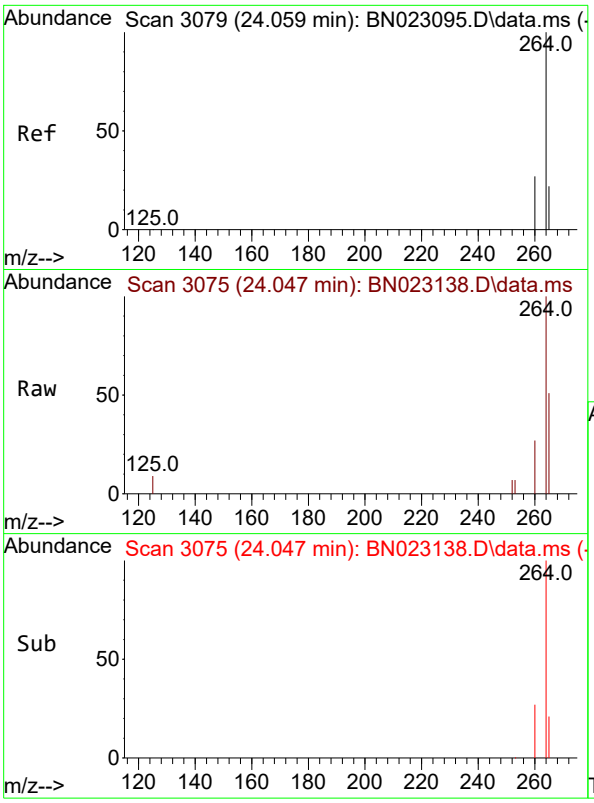


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.384 ng
RT: 21.491 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:149 Resp: 9657

Ion	Ratio	Lower	Upper
149	100		
167	25.0	20.2	30.2
279	2.5	2.3	3.5



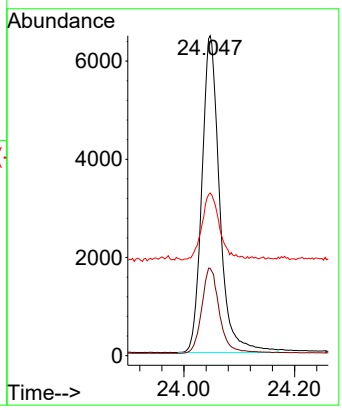


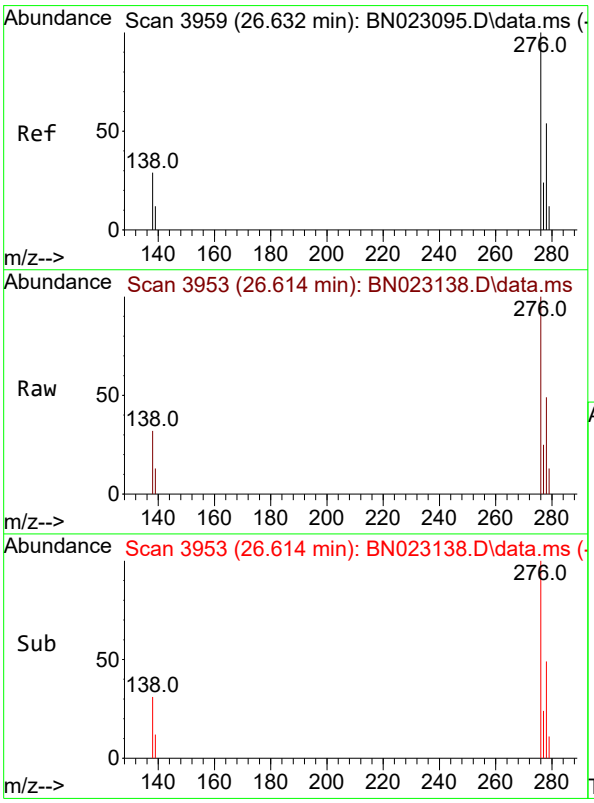
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.047 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:264 Resp: 14377

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	50.9	43.2	64.8

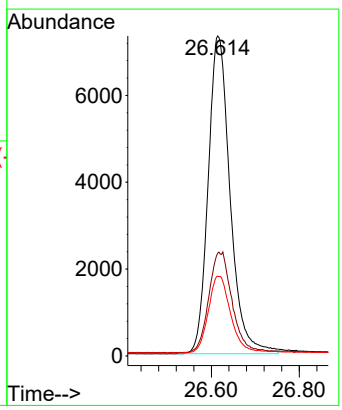


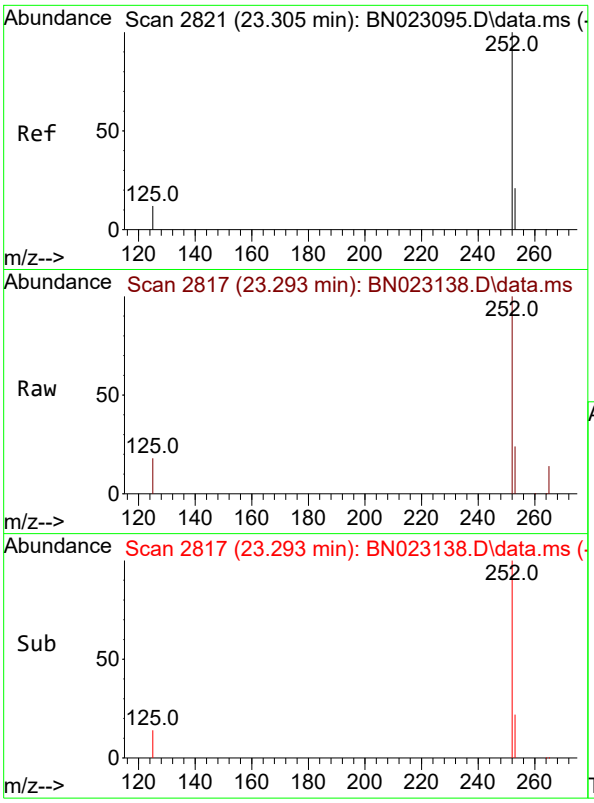


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 26.614 min Scan# 3953
Delta R.T. -0.003 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:276 Resp: 25395

Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	24.3	19.8	29.8



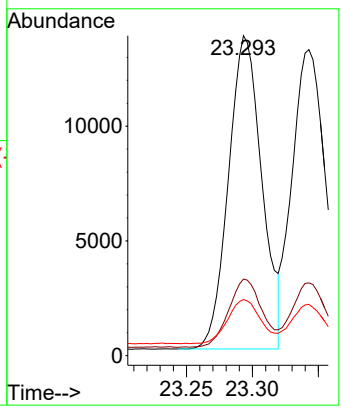


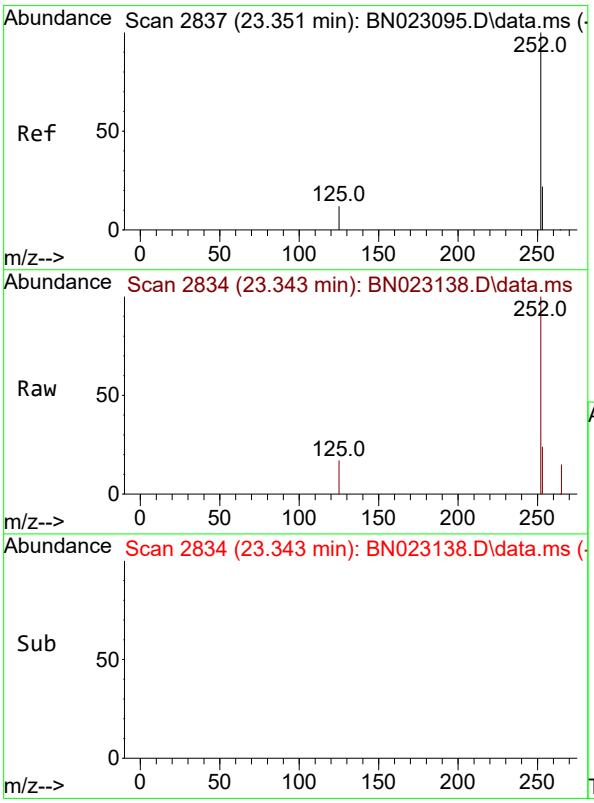
#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.293 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:252 Resp: 24013

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	17.6	12.8	19.2

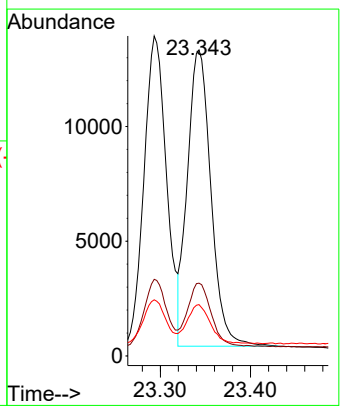


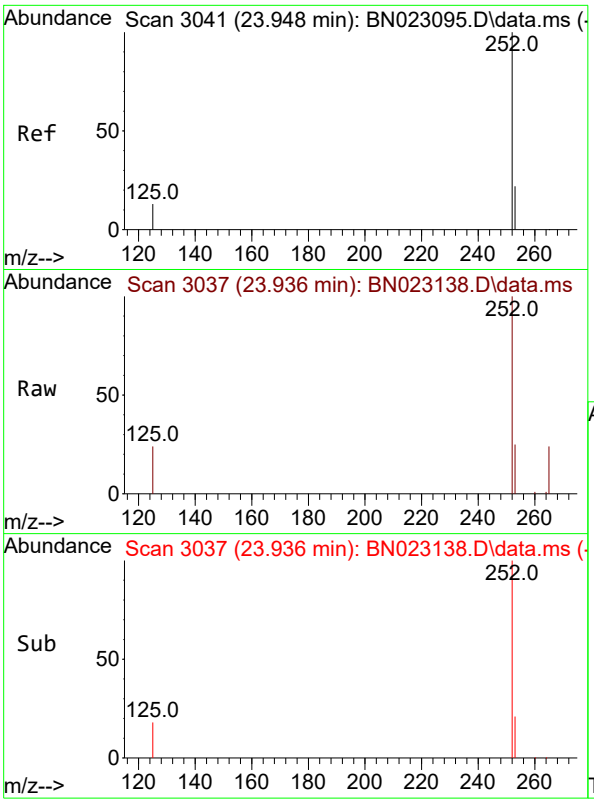


#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.343 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:252 Resp: 23436

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	16.8	12.5	18.7



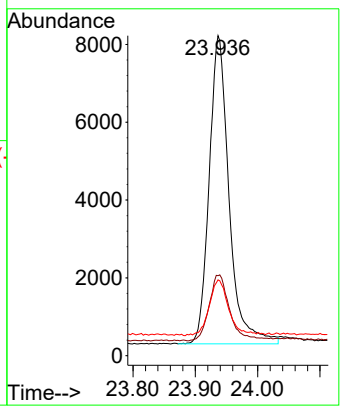


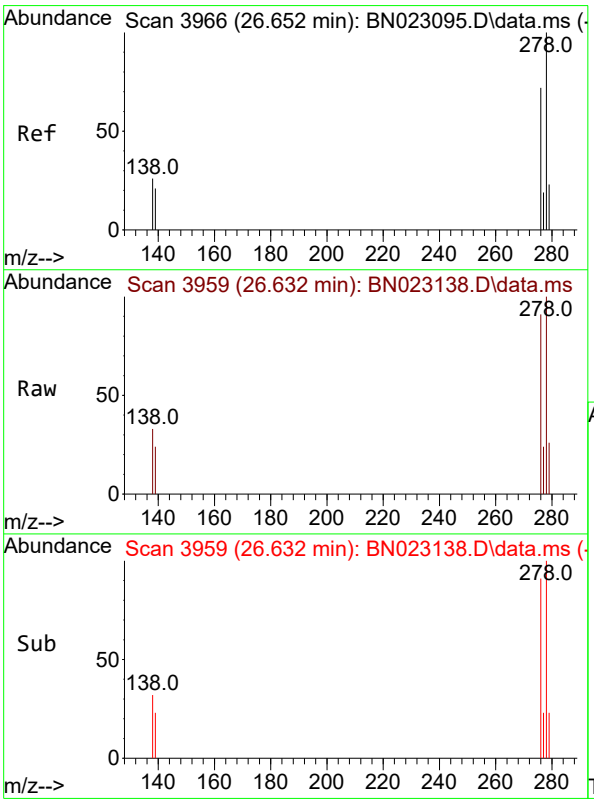
#39
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.936 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:252 Resp: 17568

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	23.7	15.8	23.8

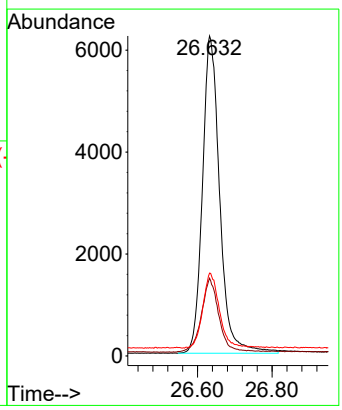


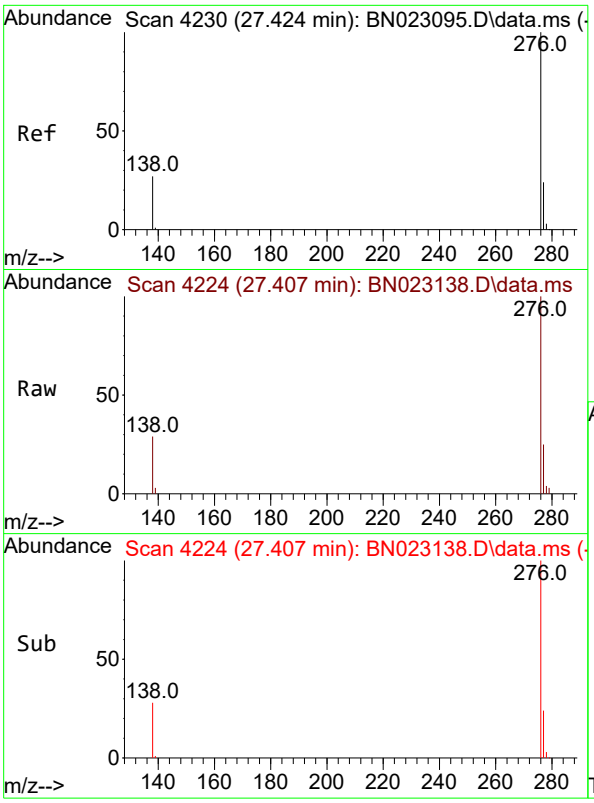


#40
Dibenzo(a,h)anthracene
Concen: 0.386 ng
RT: 26.632 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Tgt Ion:278 Resp: 19989

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.5	26.3
279	25.9	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 27.407 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN023138.D
Acq: 12 Dec 2022 16:47

Instrument :
BNA_N
ClientSampleId :
PB149511BSD

Tgt Ion:276 Resp: 20906

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.9	29.9
138	29.2	22.2	33.2