Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030304.D
Acq On : 06 Mar 2024 23:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 07 00:15:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	2114	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	5542	0.400	ng	#	0.00
13) Acenaphthene-d10	14.458	164	2760	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	5268	0.400	ng		0.00
29) Chrysene-d12	21.438	240	4094	0.400	ng		0.00
35) Perylene-d12	23.794	264	4531	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2350	0.423	ng		0.00
5) Phenol-d6	6.973	99	2388	0.409	ng		0.00
8) Nitrobenzene-d5	8.971	82	1917	0.379	ng		0.00
11) 2-Methylnaphthalene-d10	12.200	152	3391	0.422	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	479	0.337	ng		0.00
15) 2-Fluorobiphenyl	13.089	172	4829	0.421	ng		0.00
27) Fluoranthene-d10	19.262	212	5578	0.386	ng		0.00
31) Terphenyl-d14	19.875	244	4104	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1141	0.416	ng		97
3) n-Nitrosodimethylamine	3.658	42	963	0.333	ng	#	83
6) bis(2-Chloroethyl)ether	7.248	93	1902	0.411	ng		99
9) Naphthalene	10.648	128	6485	0.419	ng		99
10) Hexachlorobutadiene	10.925	225	1502	0.425	ng	#	97
12) 2-Methylnaphthalene	12.276	142	3978	0.417	ng		96
16) Acenaphthylene	14.180	152	5253	0.394	ng		100
17) Acenaphthene	14.522	154	3497	0.407	ng		98
18) Fluorene	15.505	166	4125	0.399	ng		99
20) 4,6-Dinitro-2-methylph...	15.617	198	354	0.324	ng		98
21) 4-Bromophenyl-phenylether	16.411	248	1310	0.407	ng		96
22) Hexachlorobenzene	16.511	284	1590	0.427	ng		98
23) Atrazine	16.697	200	1097	0.384	ng		98
24) Pentachlorophenol	16.871	266	723	0.373	ng		95
25) Phenanthrene	17.255	178	6207	0.412	ng		99
26) Anthracene	17.355	178	5361	0.387	ng		100
28) Fluoranthene	19.294	202	7019	0.382	ng		99
30) Pyrene	19.656	202	7161	0.417	ng		99
32) Benzo(a)anthracene	21.420	228	5386	0.375	ng		99
33) Chrysene	21.474	228	6580	0.424	ng		98
34) Bis(2-ethylhexyl)phtha...	21.367	149	4334	0.379	ng		100
36) Indeno(1,2,3-cd)pyrene	26.221	276	7545	0.397	ng		97
37) Benzo(b)fluoranthene	23.078	252	6335	0.400	ng		97
38) Benzo(k)fluoranthene	23.131	252	6622	0.412	ng		95
39) Benzo(a)pyrene	23.689	252	5823	0.416	ng		94
40) Dibenzo(a,h)anthracene	26.250	278	6062	0.406	ng		98
41) Benzo(g,h,i)perylene	26.952	276	7164	0.416	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
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Misc :
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Instrument :
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Quant Time: Mar 07 00:15:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
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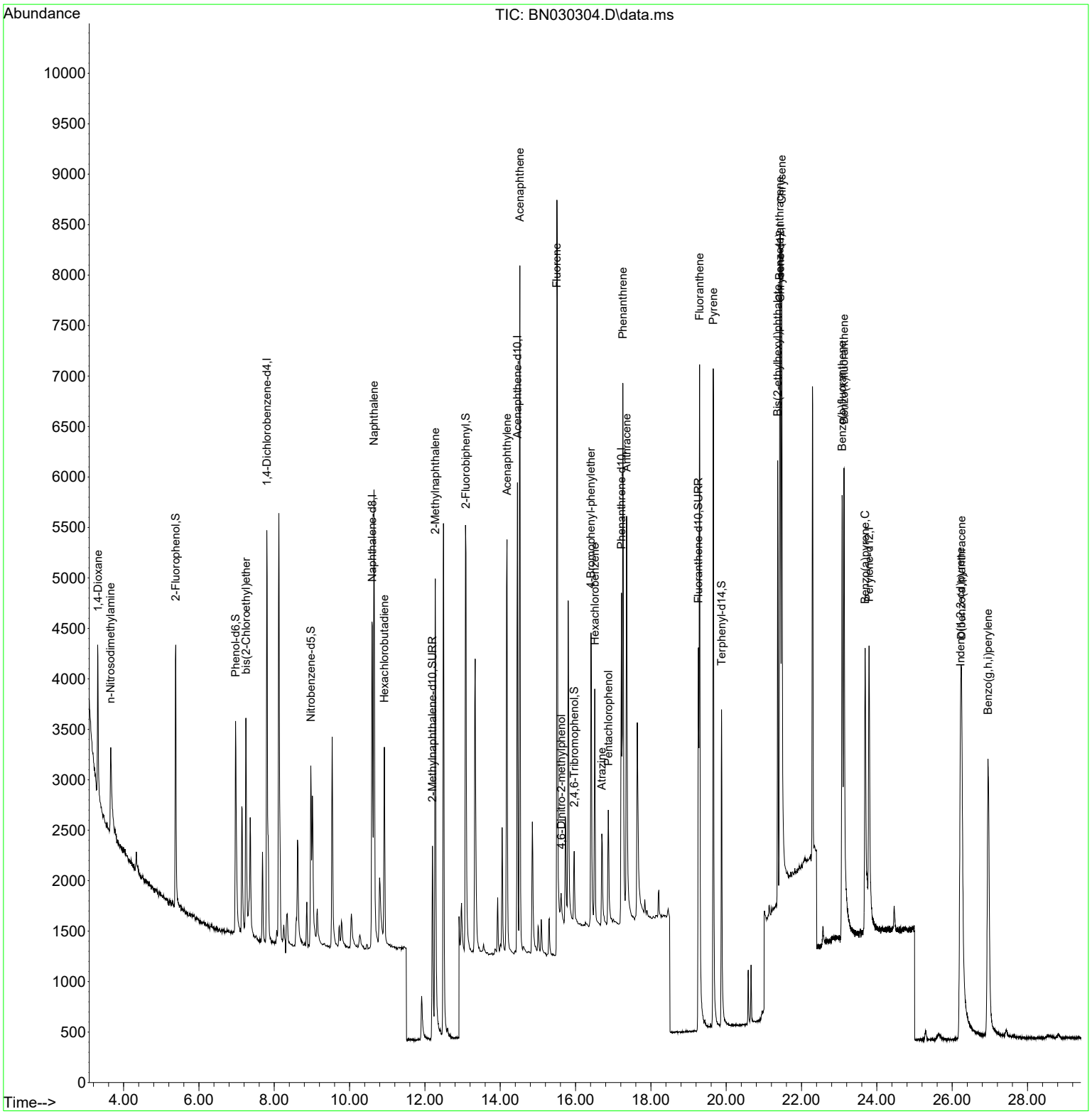
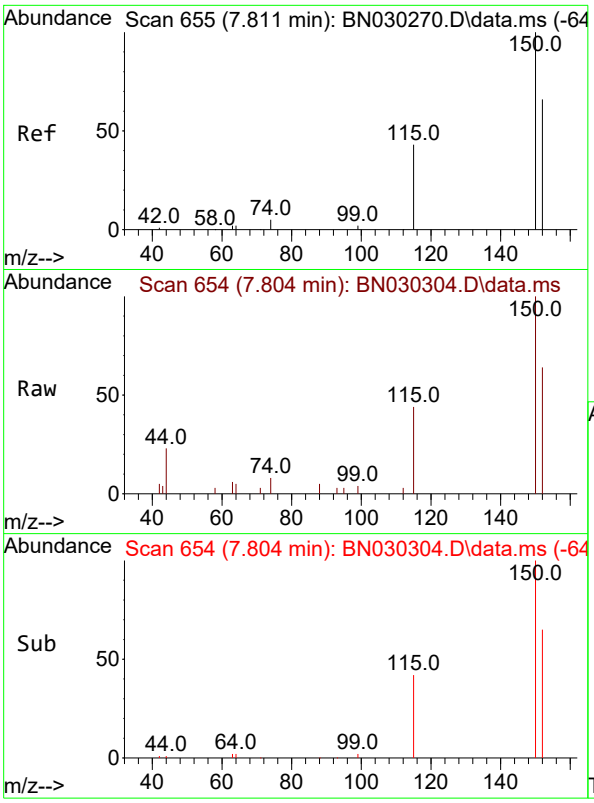


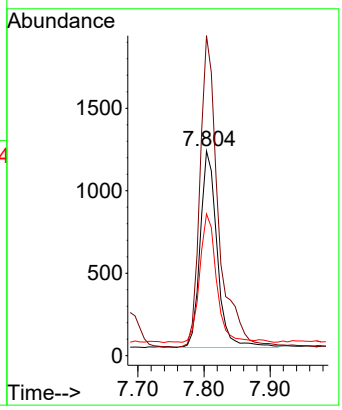


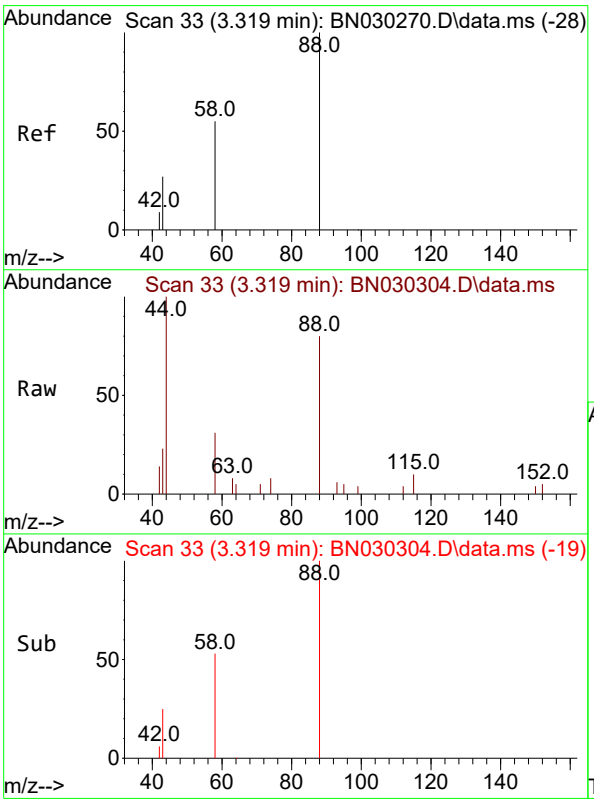
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2114

Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.4	179.0
115	69.3	56.9	85.3

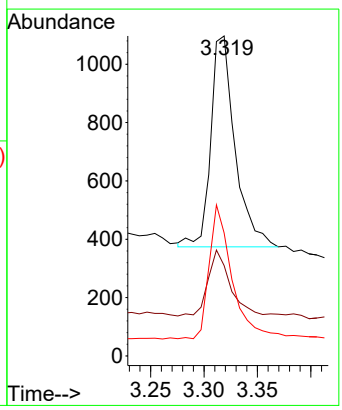


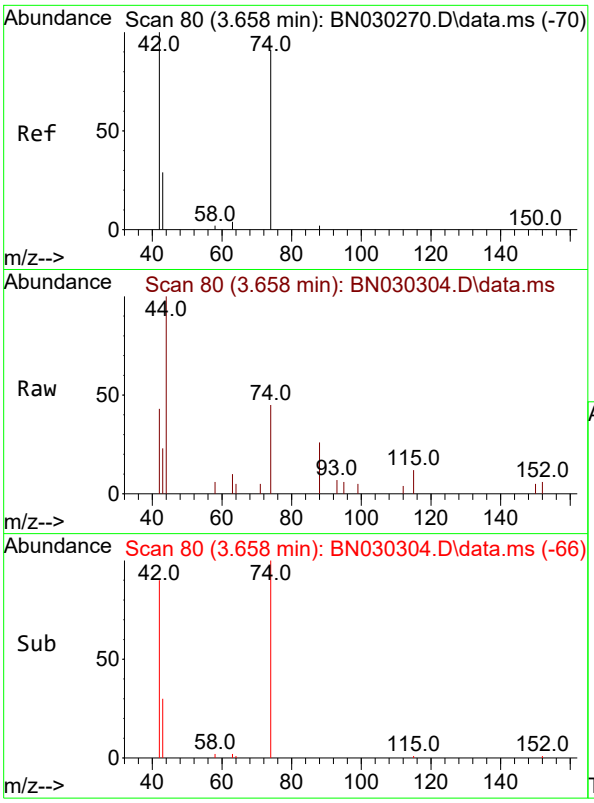


#2
1,4-Dioxane
Concen: 0.416 ng
RT: 3.319 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion: 88 Resp: 1141

Ion	Ratio	Lower	Upper
88	100		
43	28.9	23.8	35.8
58	60.4	46.2	69.4



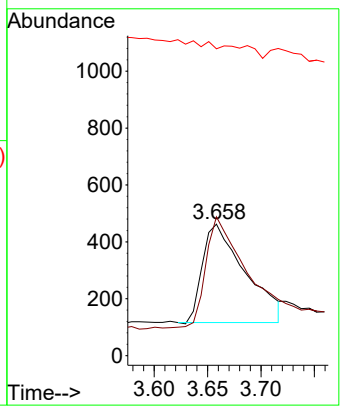


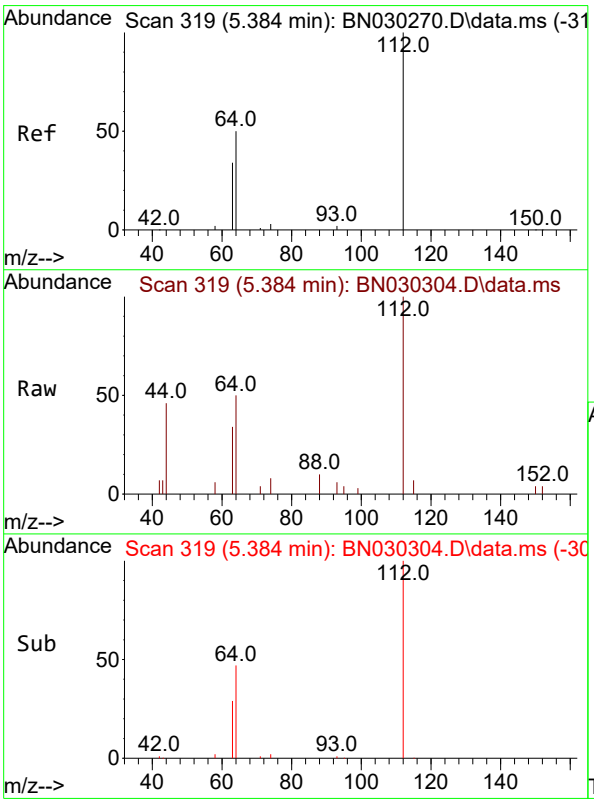
#3
n-Nitrosodimethylamine
Concen: 0.333 ng
RT: 3.658 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 963

Ion	Ratio	Lower	Upper
42	100		
74	115.8	79.4	119.0
44	0.0	0.0	0.0

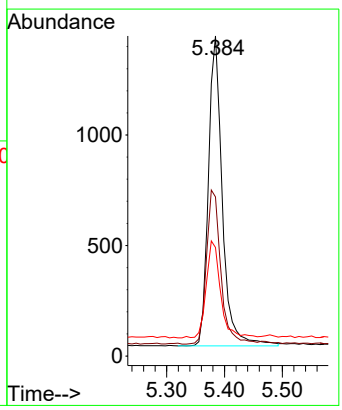


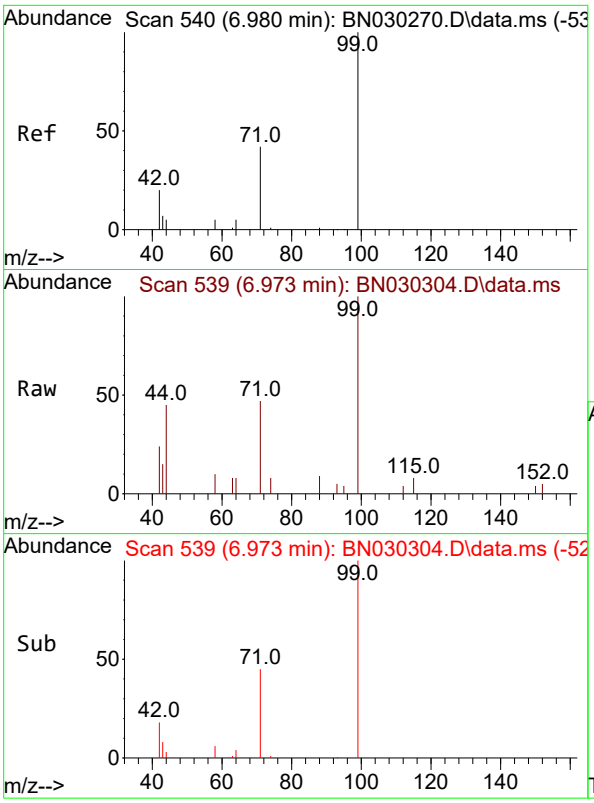


#4
2-Fluorophenol
Concen: 0.423 ng
RT: 5.384 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:112 Resp: 2350

Ion	Ratio	Lower	Upper
112	100		
64	51.2	41.8	62.8
63	32.3	27.1	40.7



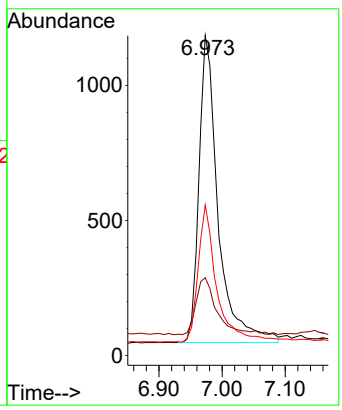


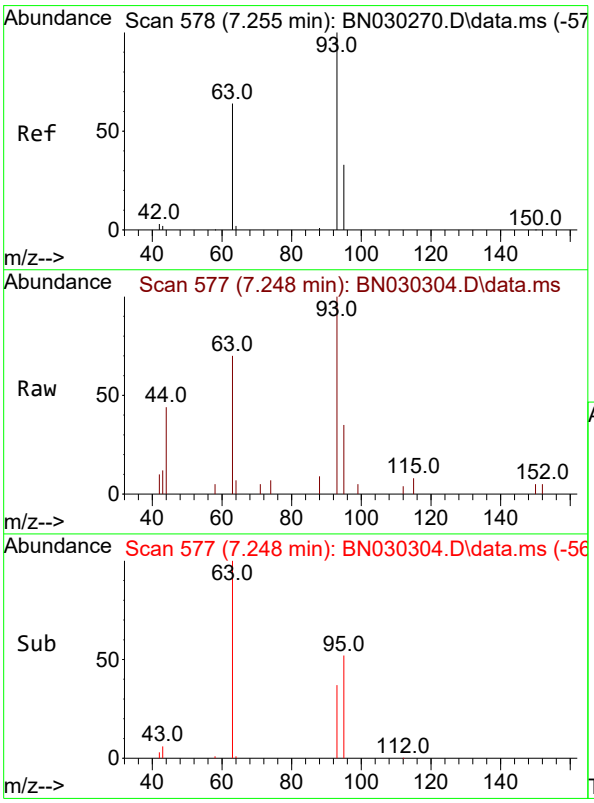
#5
Phenol-d6
Concen: 0.409 ng
RT: 6.973 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 2388

Ion	Ratio	Lower	Upper
99	100		
42	20.6	19.0	28.6
71	42.9	36.0	54.0

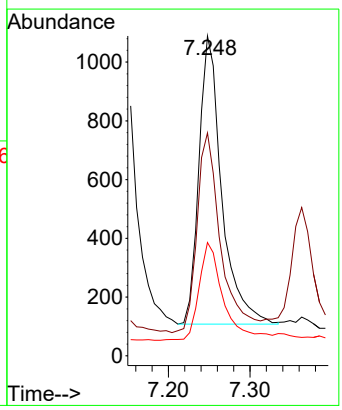


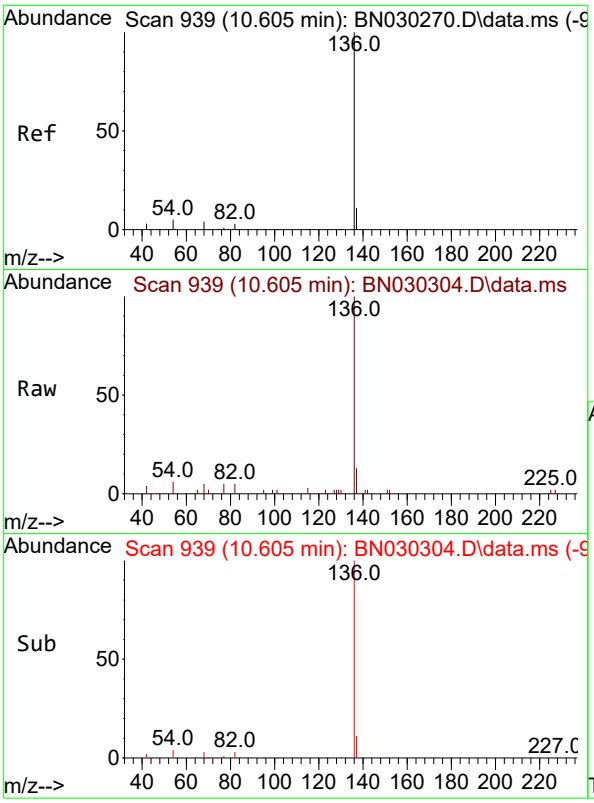


#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 7.248 min Scan# 577
Delta R.T. -0.007 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion: 93 Resp: 1902

Ion	Ratio	Lower	Upper
93	100		
63	72.5	57.7	86.5
95	36.2	28.6	43.0



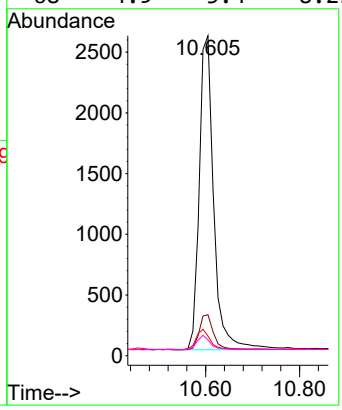


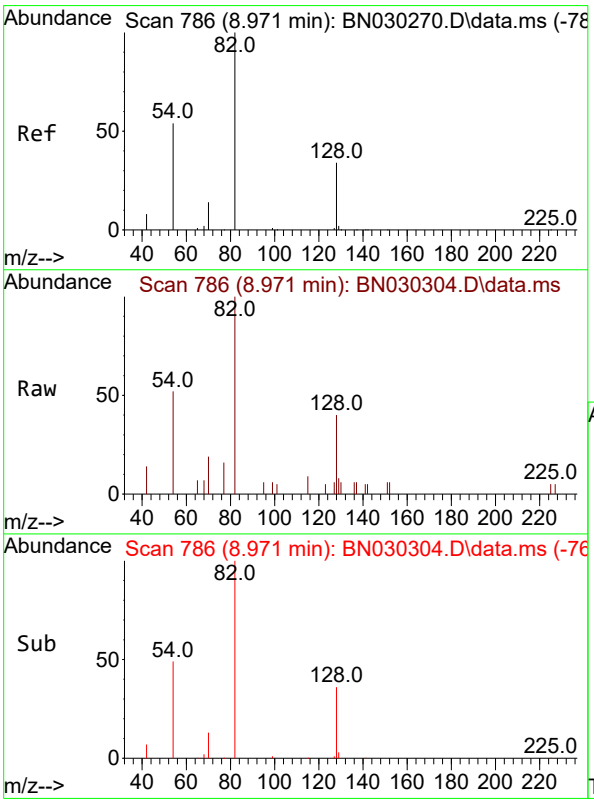
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 5542

Ion	Ratio	Lower	Upper
136	100		
137	12.8	10.5	15.7
54	6.1	6.4	9.6#
68	4.9	5.4	8.2#

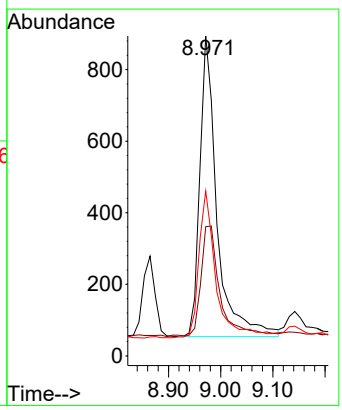


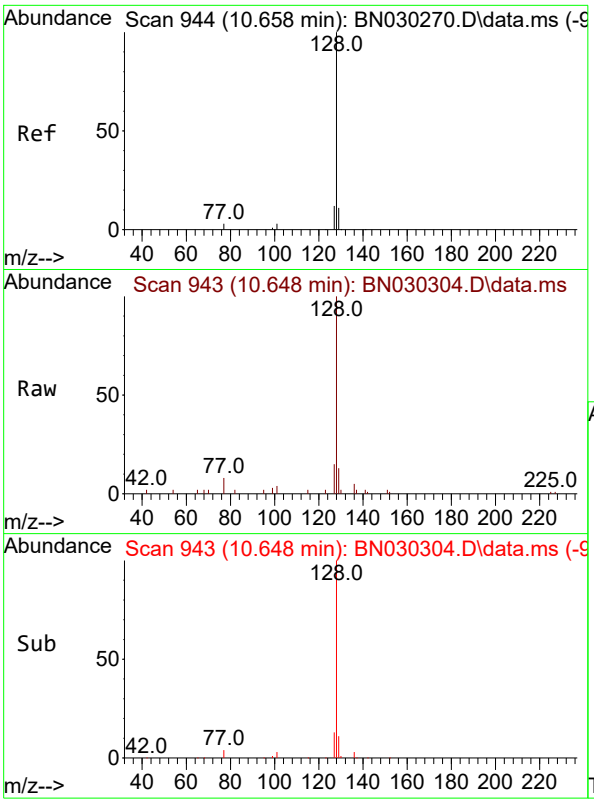


#8
Nitrobenzene-d5
Concen: 0.379 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion: 82 Resp: 1917

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.2
54	51.6	47.3	70.9



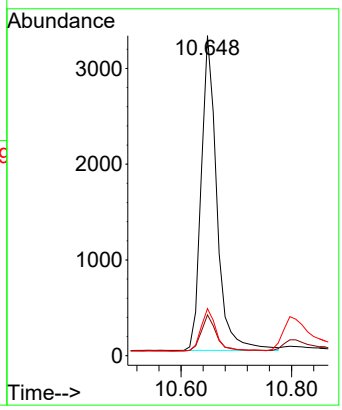


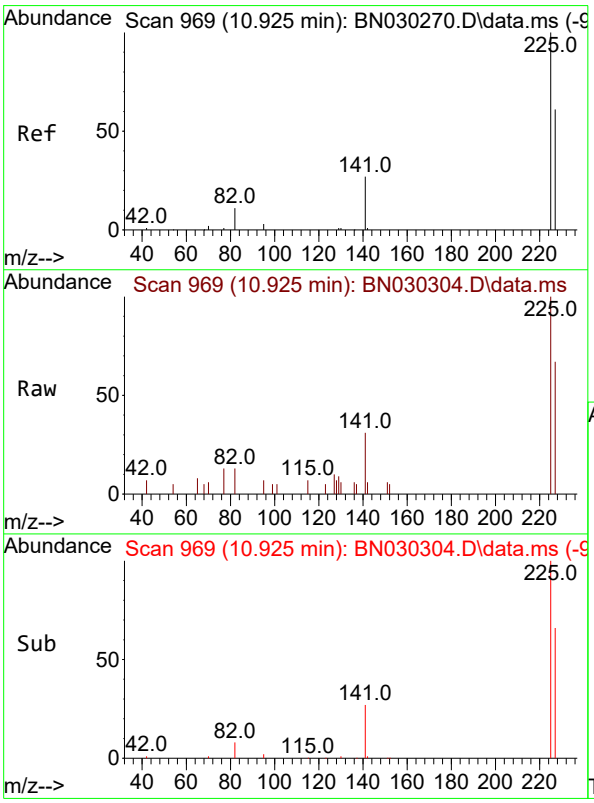
#9
Naphthalene
Concen: 0.419 ng
RT: 10.648 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 6485

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.8	16.2
127	14.7	11.7	17.5

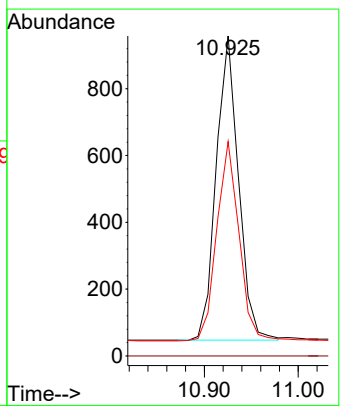


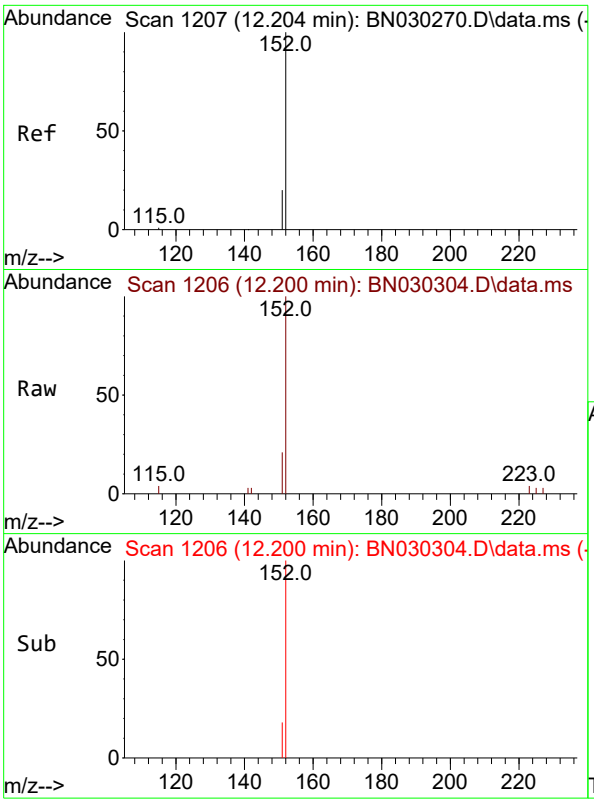


#10
Hexachlorobutadiene
Concen: 0.425 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:225 Resp: 1502

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.2	50.6	76.0



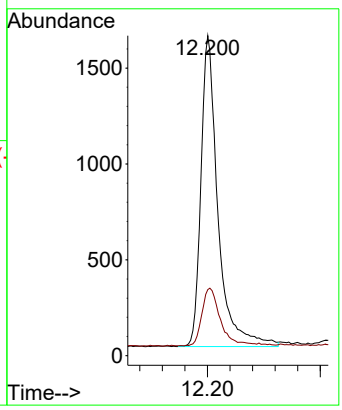


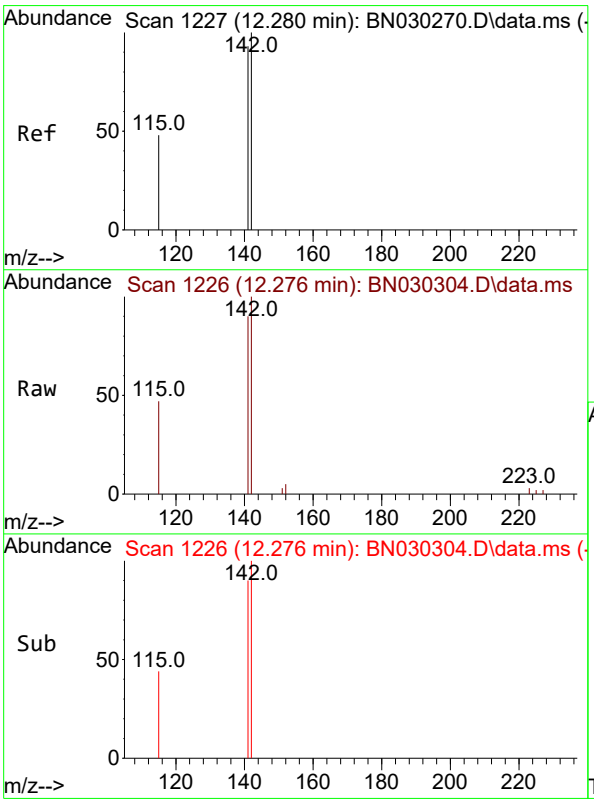
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 12.200 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3391

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1

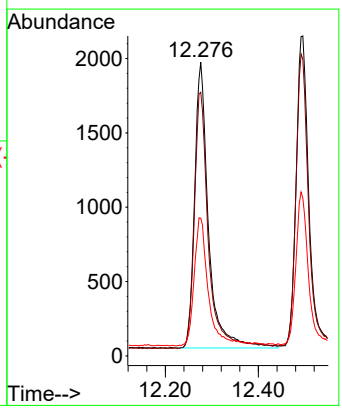


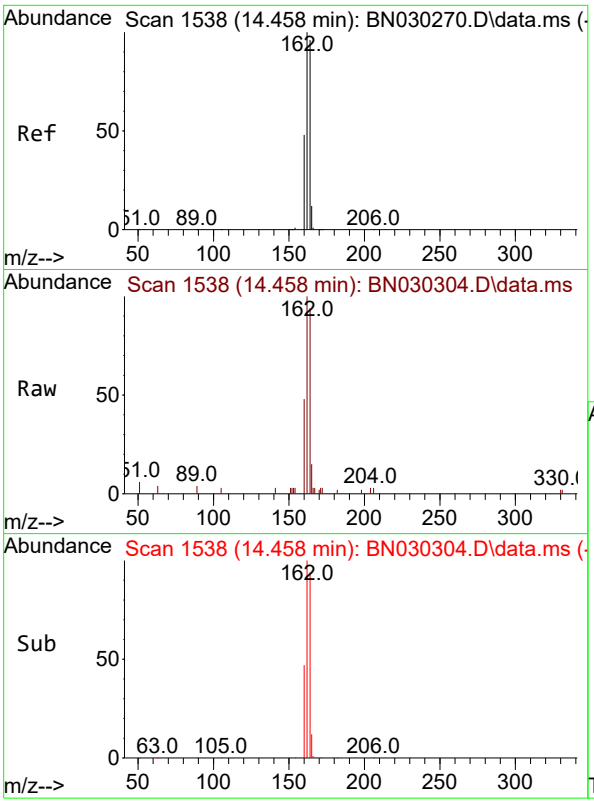


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.276 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:142 Resp: 3978

Ion	Ratio	Lower	Upper
142	100		
141	89.7	74.2	111.4
115	46.9	40.7	61.1



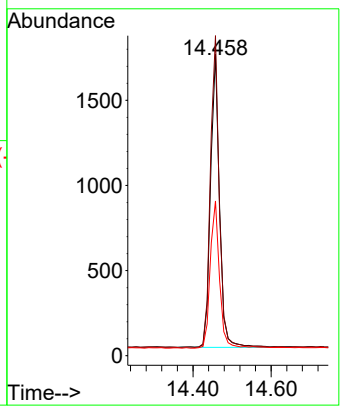


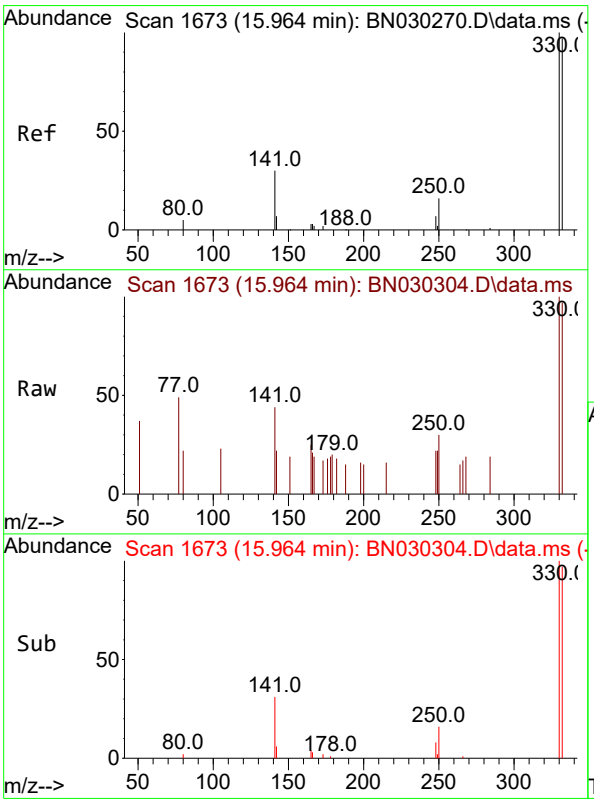
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 2760

Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.4	125.2
160	51.4	41.7	62.5

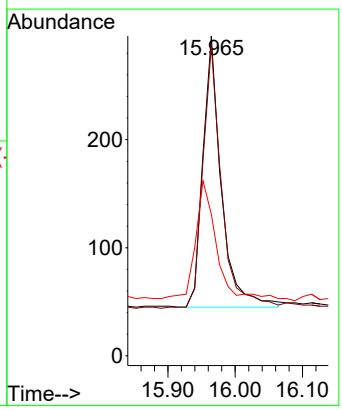


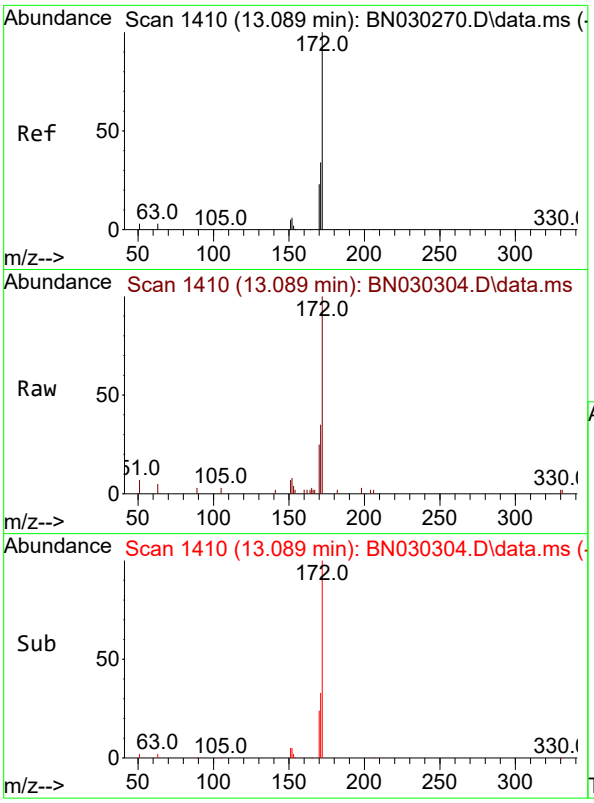


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.964 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:330 Resp: 479

Ion	Ratio	Lower	Upper
330	100		
332	99.0	72.6	108.8
141	46.8	41.3	61.9



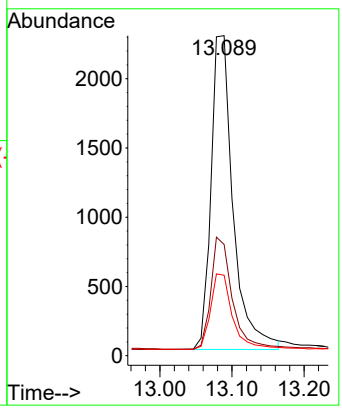


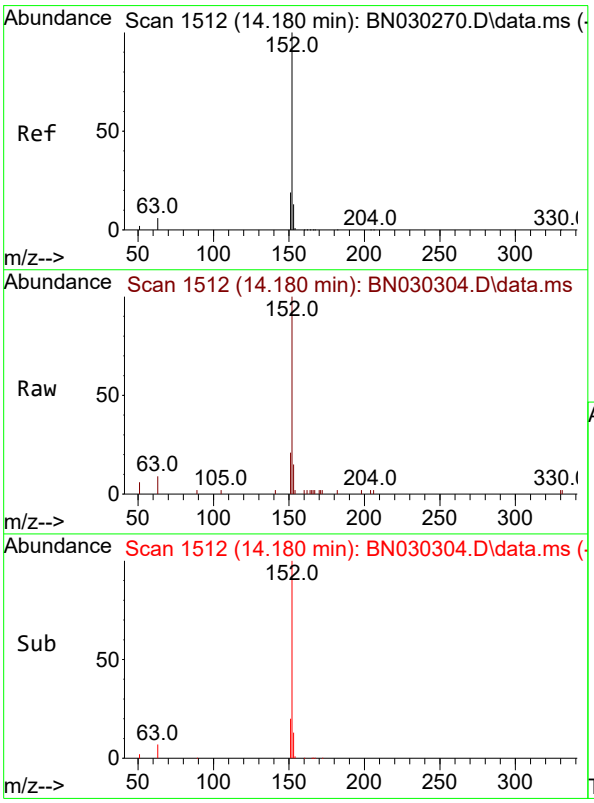
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.089 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 4829

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	25.2	20.2	30.2

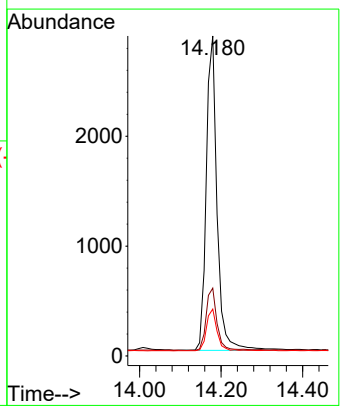


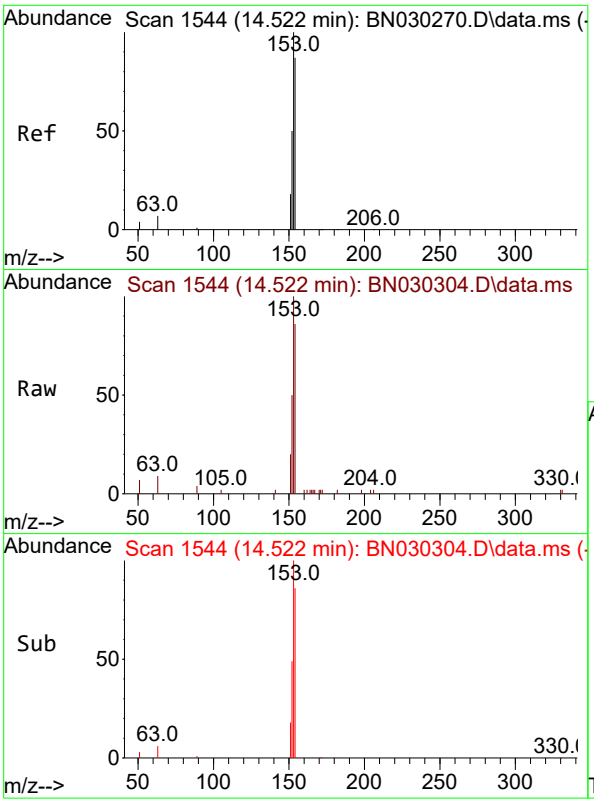


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.180 min Scan# 1512
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:152 Resp: 5253

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.3	10.3	15.5



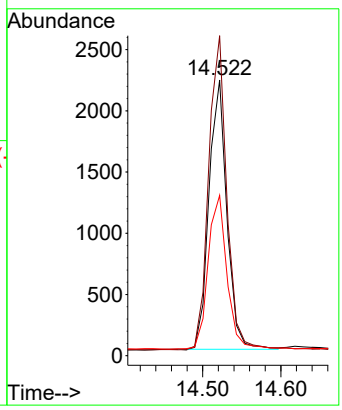


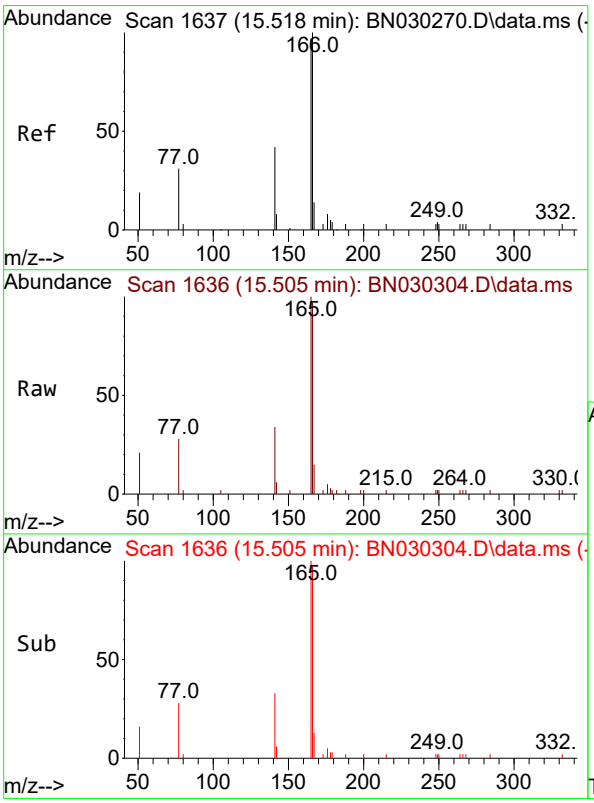
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 3497

Ion	Ratio	Lower	Upper
154	100		
153	118.9	92.9	139.3
152	60.4	47.3	70.9

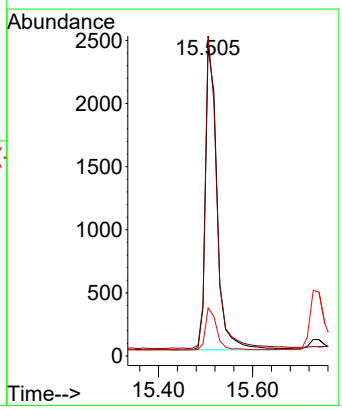


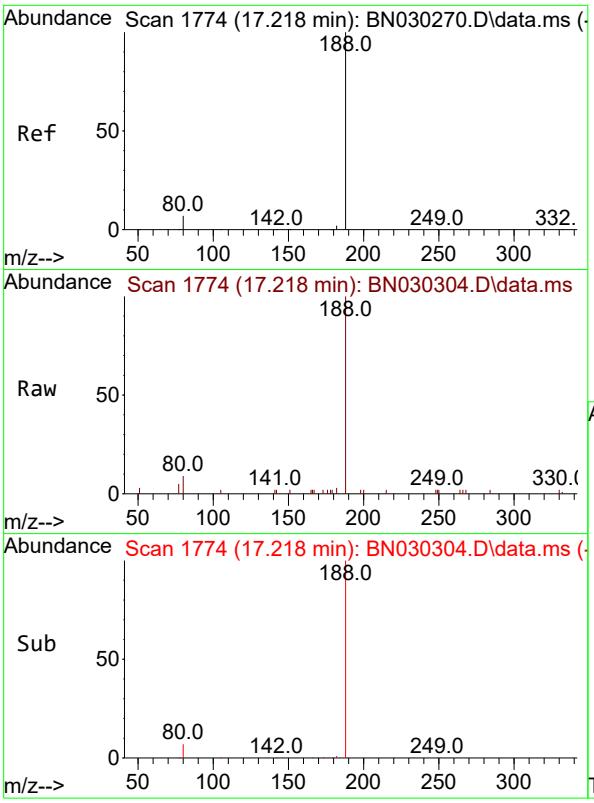


#18
Fluorene
Concen: 0.399 ng
RT: 15.505 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:166 Resp: 4125

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.9	119.9
167	13.6	11.0	16.4



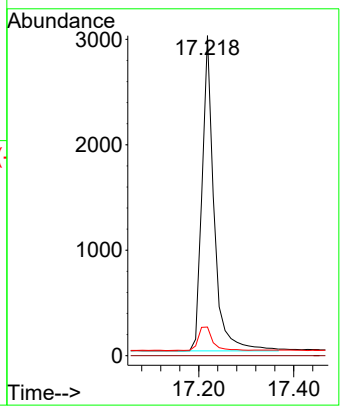


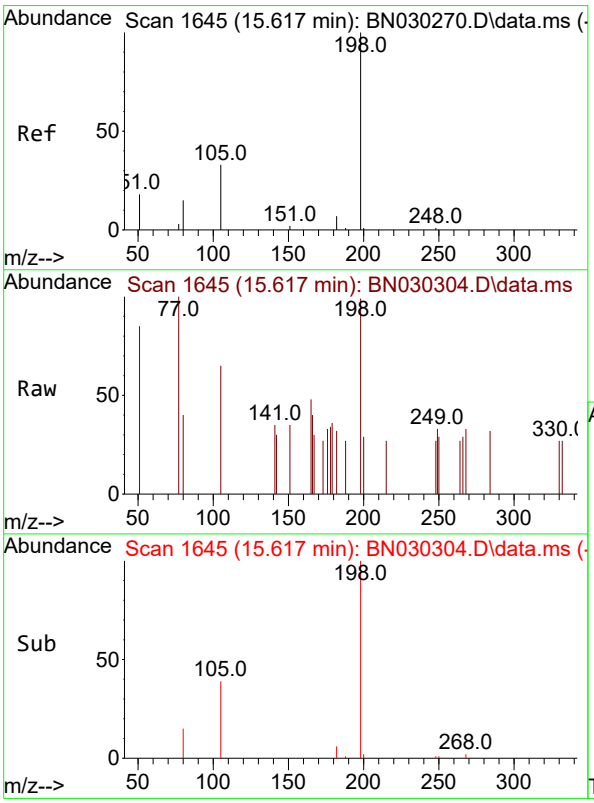
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 5268

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.8	11.6

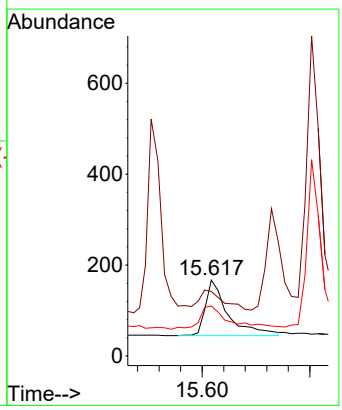


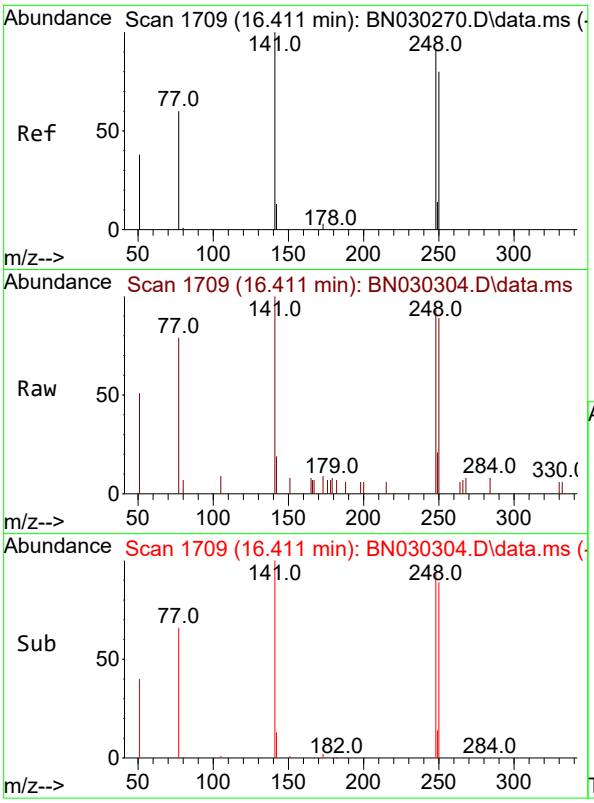


#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.617 min Scan# 1645
Delta R.T. -0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:198 Resp: 354

Ion	Ratio	Lower	Upper
198	100		
51	85.0	67.4	101.2
105	65.9	50.8	76.2



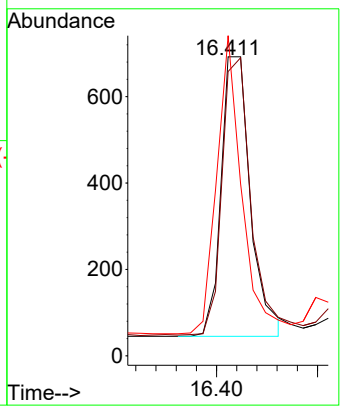


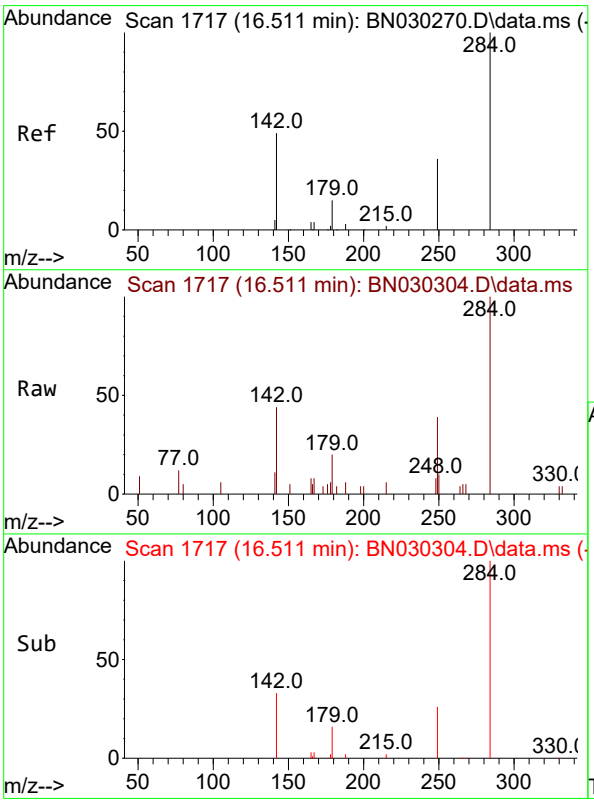
#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.411 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 1310

Ion	Ratio	Lower	Upper
248	100		
250	95.1	71.3	106.9
141	107.1	88.0	132.0

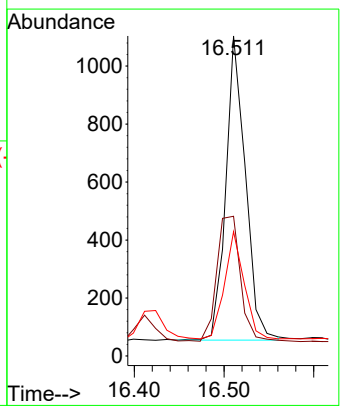


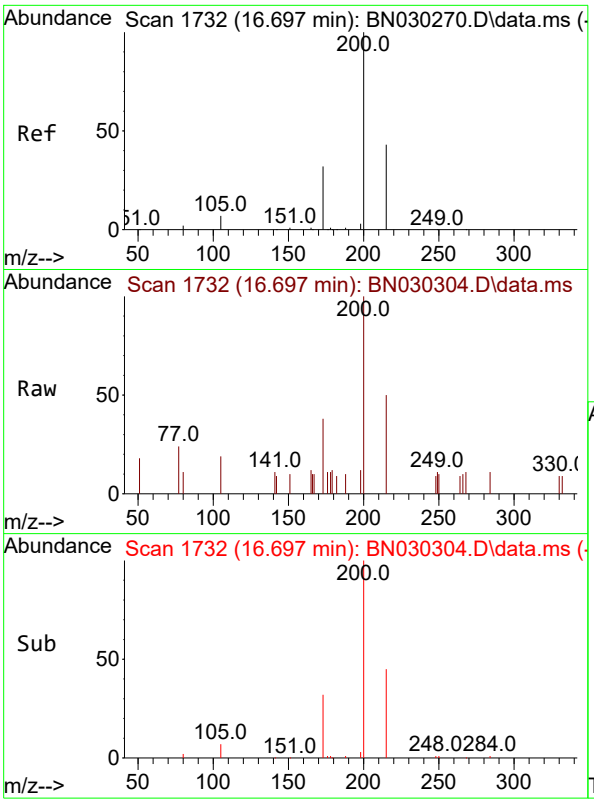


#22
Hexachlorobenzene
Concen: 0.427 ng
RT: 16.511 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:284 Resp: 1590

Ion	Ratio	Lower	Upper
284	100		
142	49.1	41.0	61.6
249	35.2	27.4	41.2



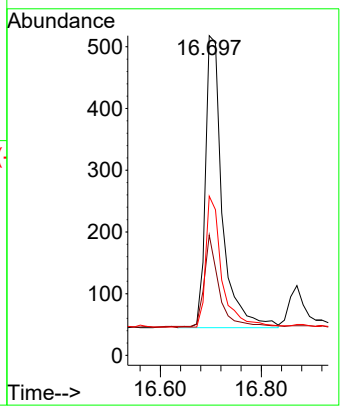


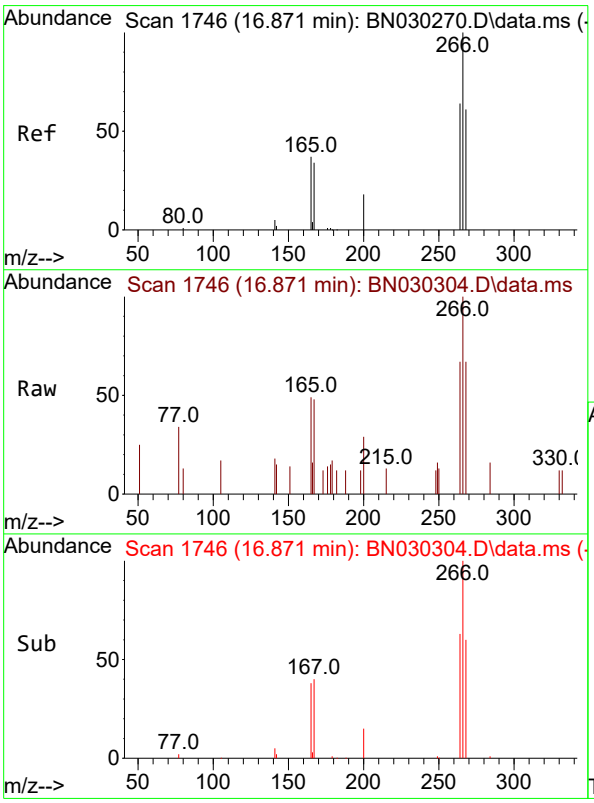
#23
Atrazine
Concen: 0.384 ng
RT: 16.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1097

Ion	Ratio	Lower	Upper
200	100		
173	37.6	30.8	46.2
215	49.8	38.7	58.1

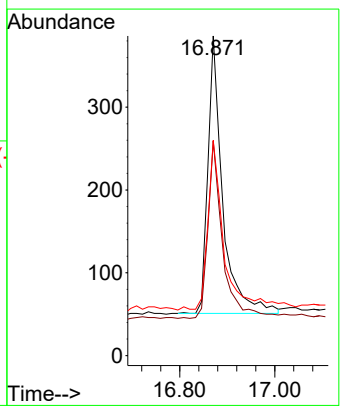


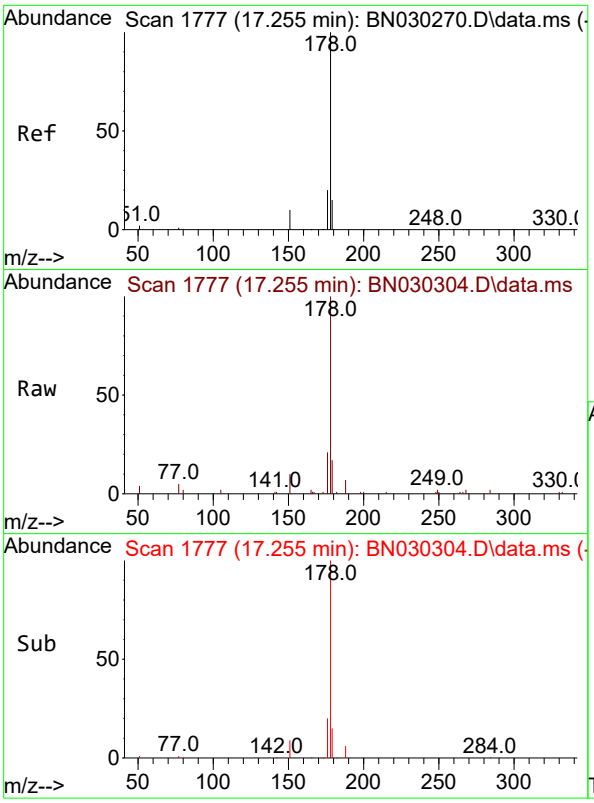


#24
Pentachlorophenol
Concen: 0.373 ng
RT: 16.871 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:266 Resp: 723

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.1	73.7
268	67.2	49.2	73.8



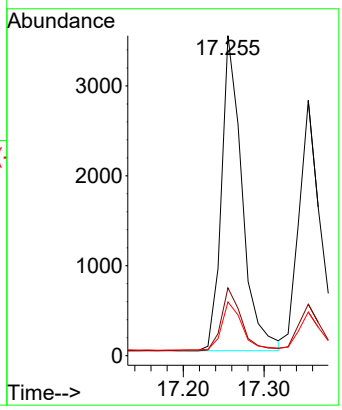


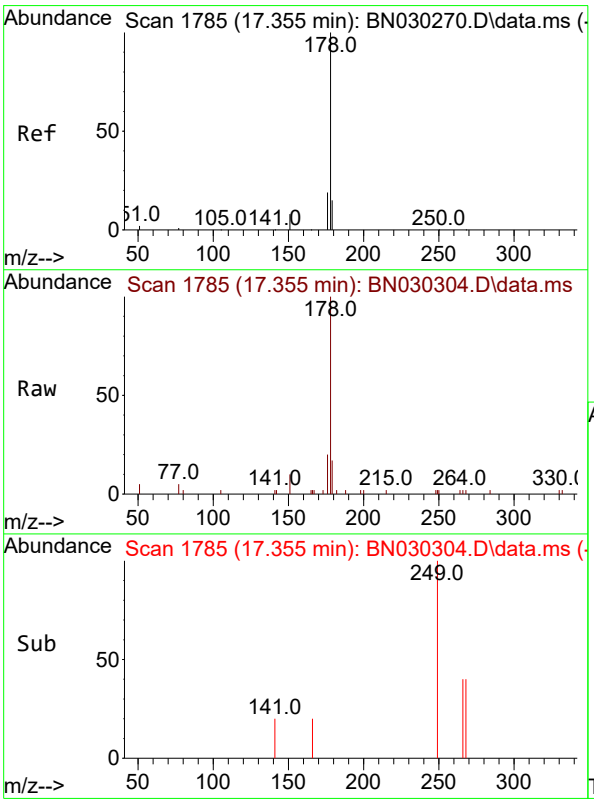
#25
Phenanthrene
Concen: 0.412 ng
RT: 17.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 6207

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	15.5	12.4	18.6

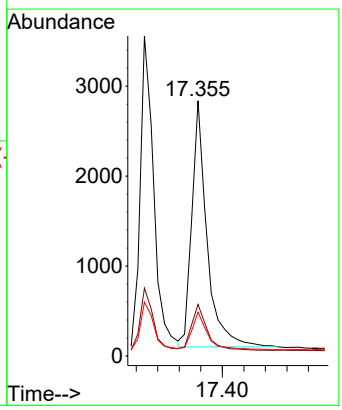


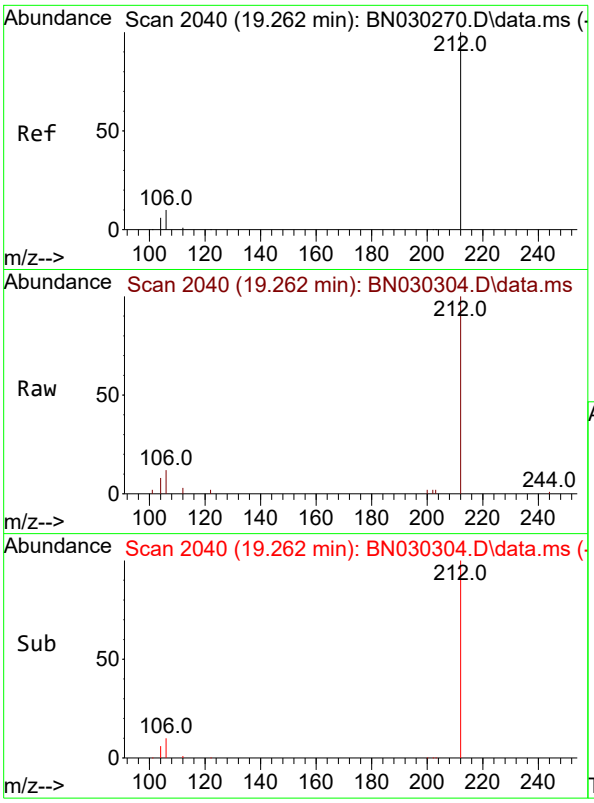


#26
Anthracene
Concen: 0.387 ng
RT: 17.355 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:178 Resp: 5361

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.5	18.7



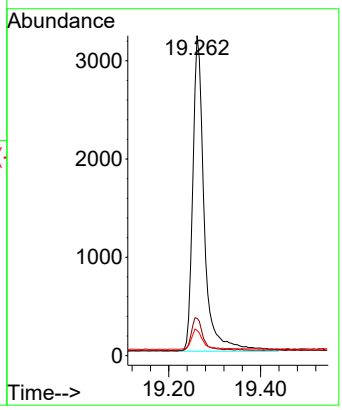


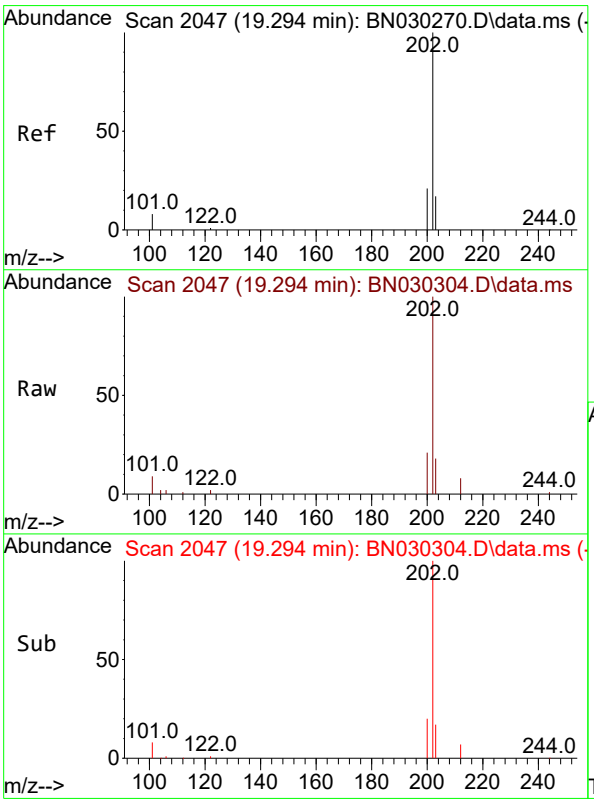
#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.262 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 5578

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.2	12.4
104	6.2	4.7	7.1

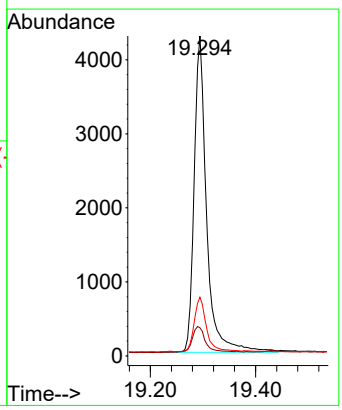


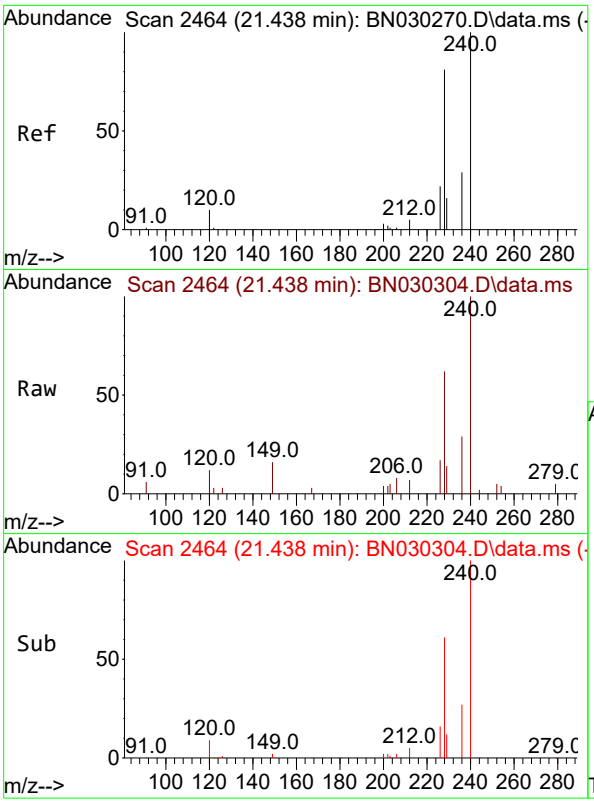


#28
Fluoranthene
Concen: 0.382 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:202 Resp: 7019

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.3	9.5
203	16.8	13.4	20.0



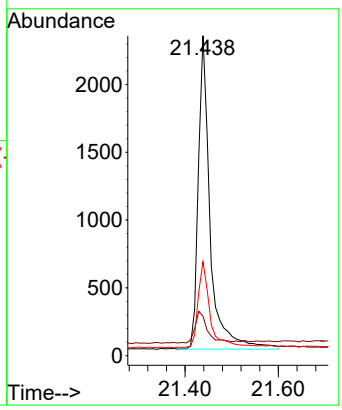


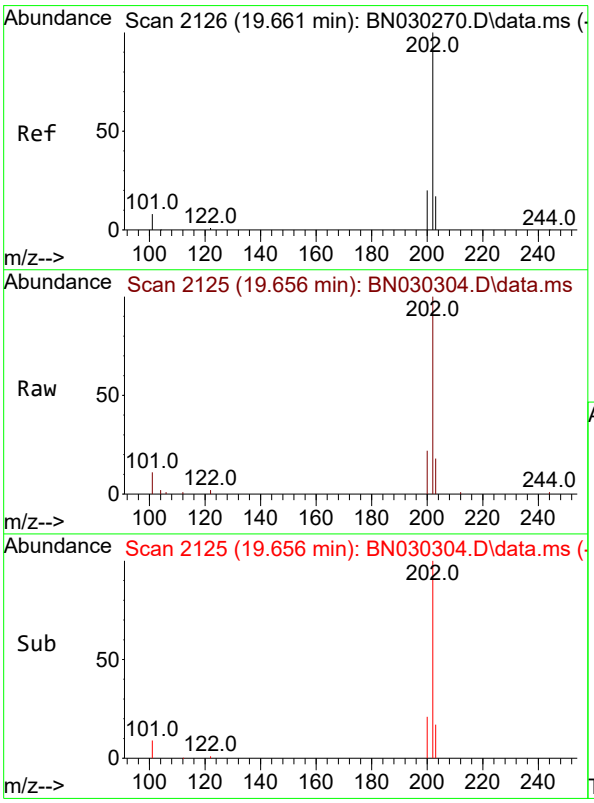
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.438 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4094

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.2	18.2
236	29.3	25.2	37.8

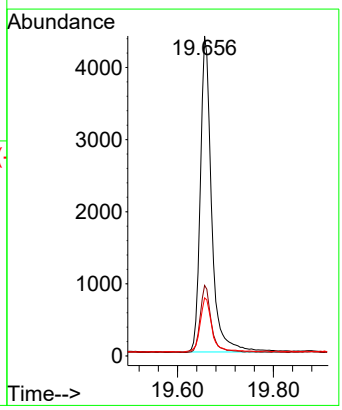


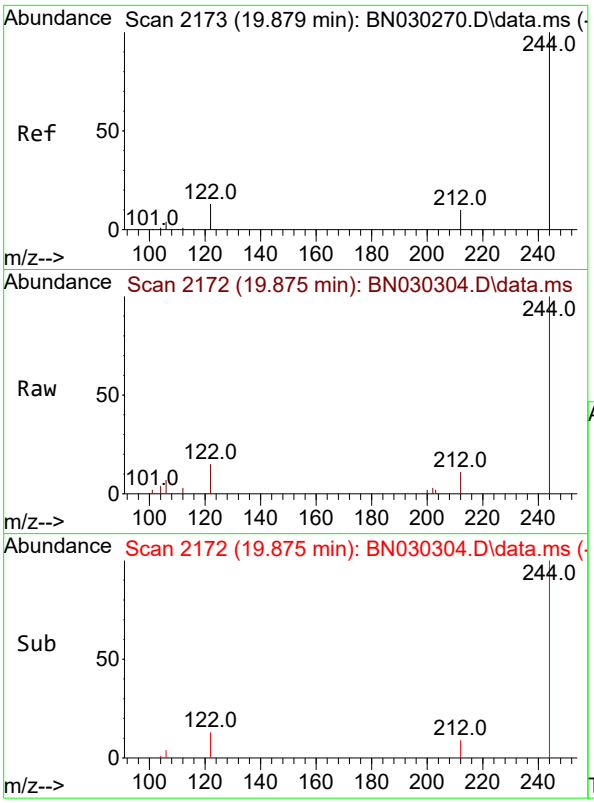


#30
Pyrene
Concen: 0.417 ng
RT: 19.656 min Scan# 2125
Delta R.T. -0.005 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:202 Resp: 7161

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.1	14.1	21.1



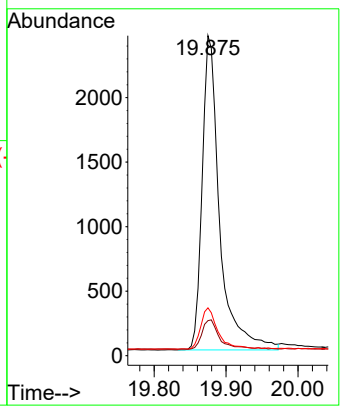


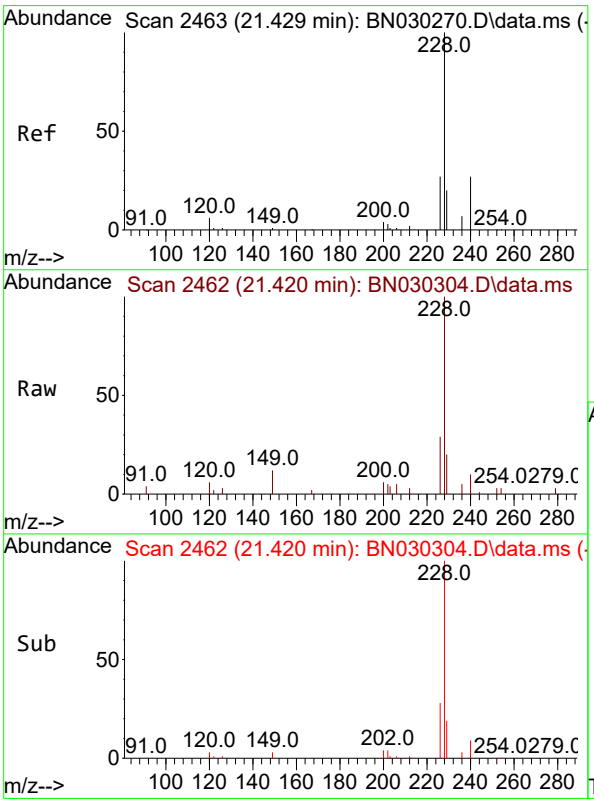
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.875 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 4104

Ion	Ratio	Lower	Upper
244	100		
212	11.0	9.5	14.3
122	15.0	11.8	17.6

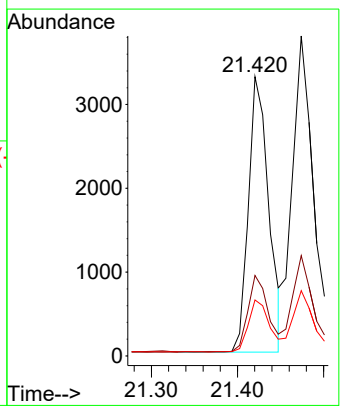


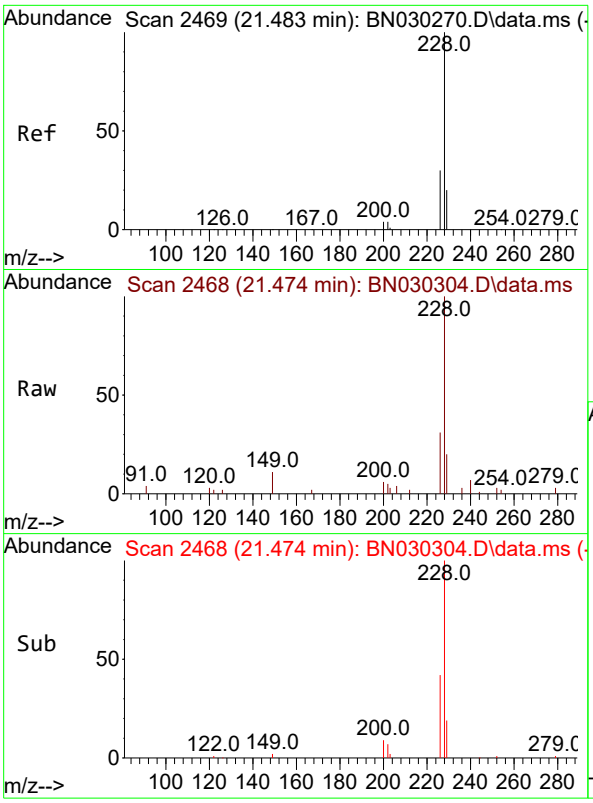


#32
Benzo(a)anthracene
Concen: 0.375 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:228 Resp: 5386

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.1	34.7
229	20.0	17.0	25.4



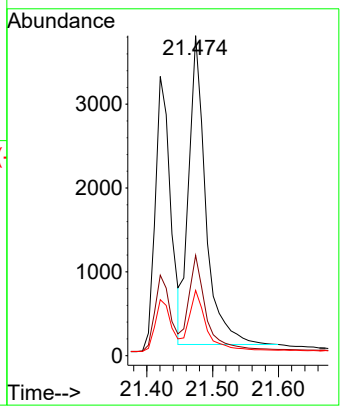


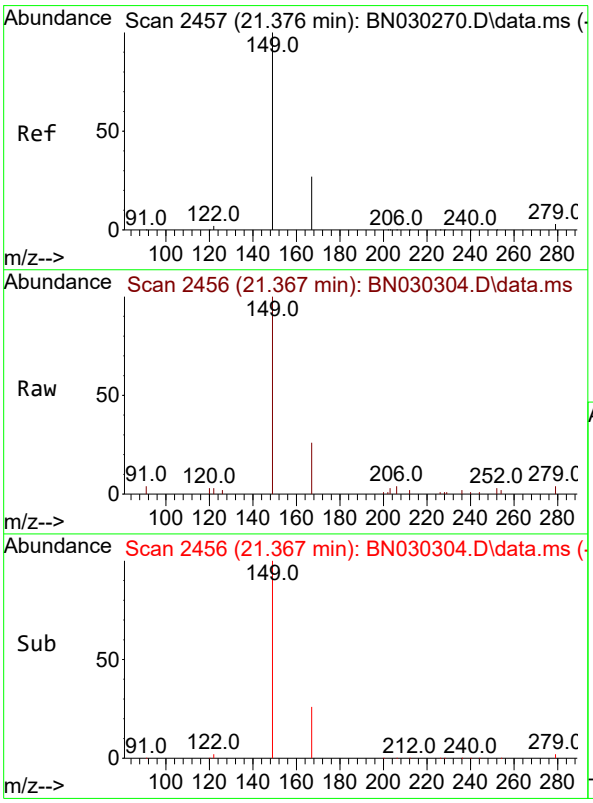
#33
Chrysene
Concen: 0.424 ng
RT: 21.474 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 6580

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.6	37.0
229	20.4	17.3	25.9

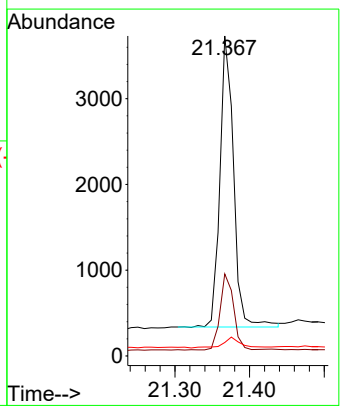


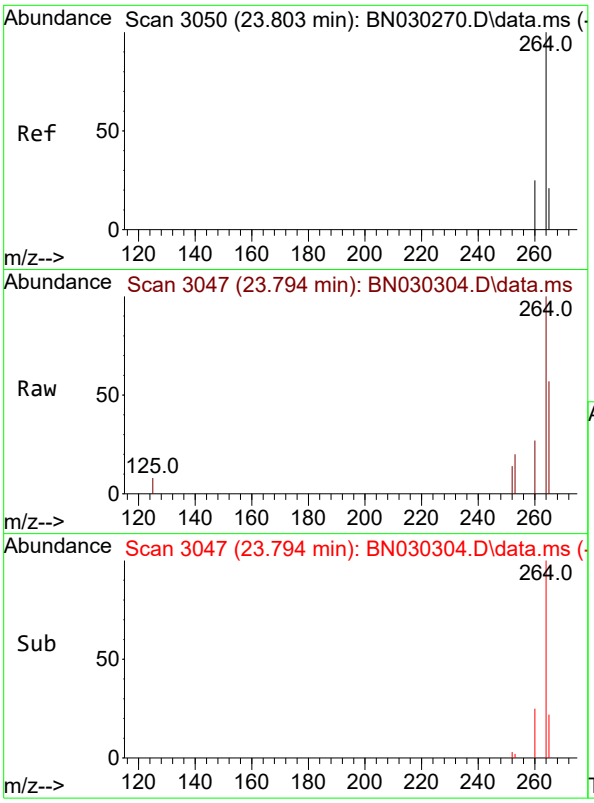


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.379 ng
RT: 21.367 min Scan# 2456
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:149 Resp: 4334

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.6	30.8
279	4.6	4.0	6.0



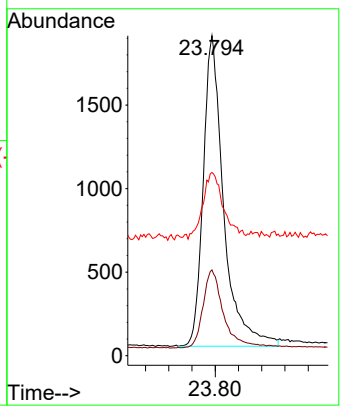


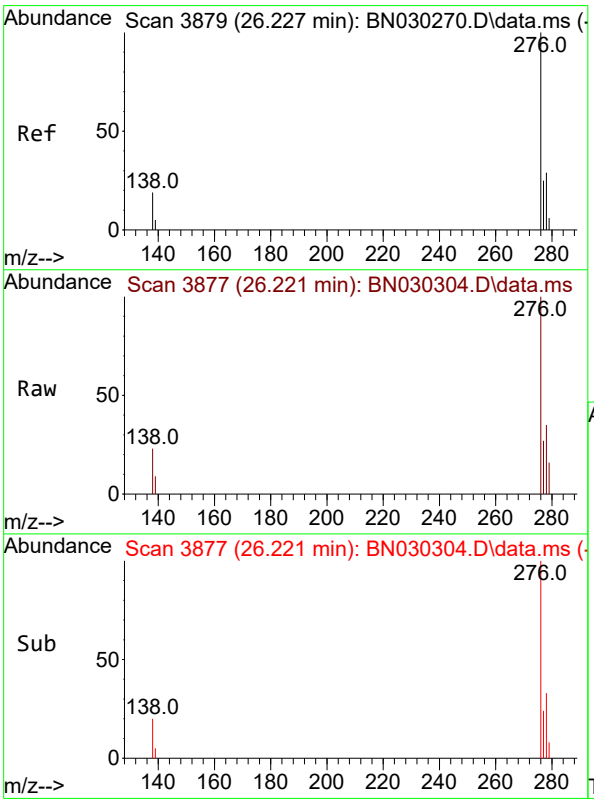
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.794 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 4531

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	57.3	50.8	76.2

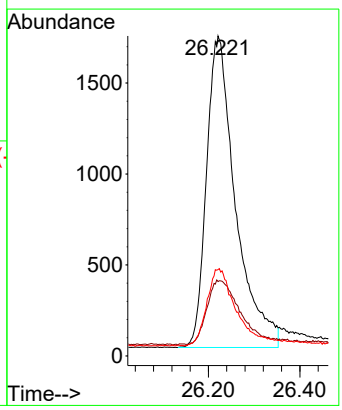


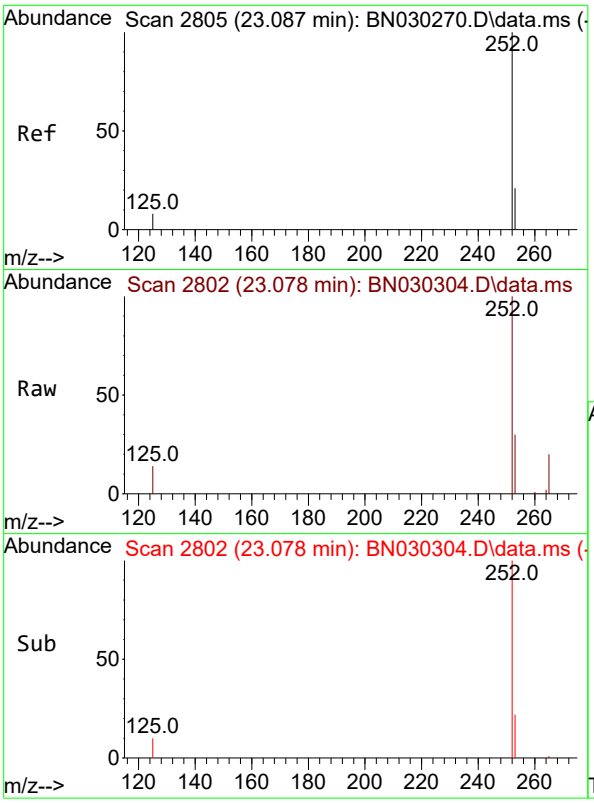


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.221 min Scan# 3877
Delta R.T. -0.006 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:276 Resp: 7545

Ion	Ratio	Lower	Upper
276	100		
138	23.2	17.4	26.2
277	25.1	18.9	28.3



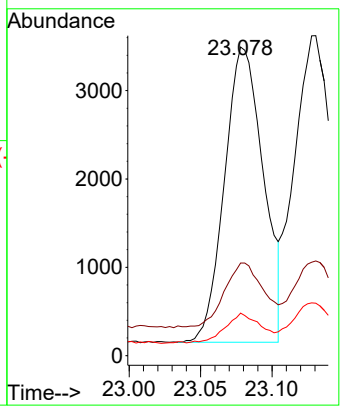


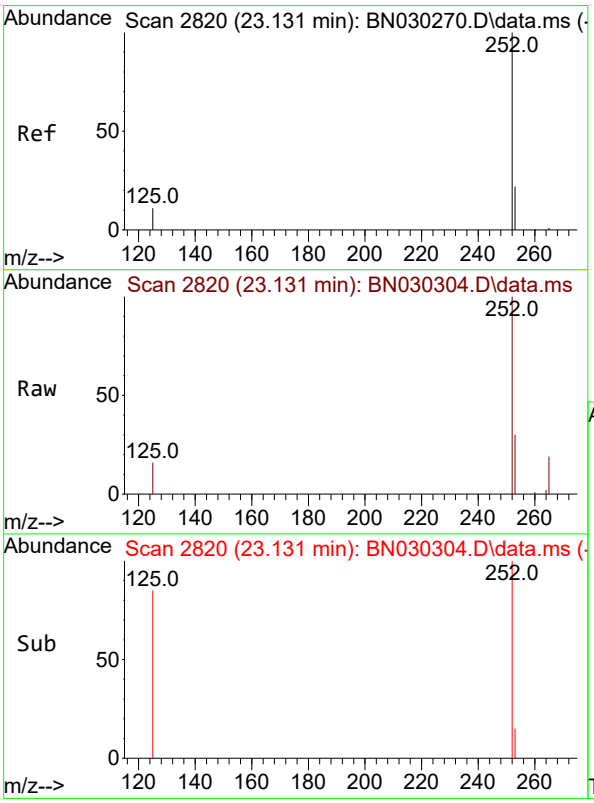
#37
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 23.078 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 6335

Ion	Ratio	Lower	Upper
252	100		
253	30.0	25.4	38.0
125	13.8	10.0	15.0

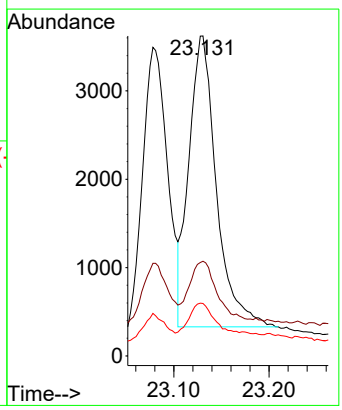


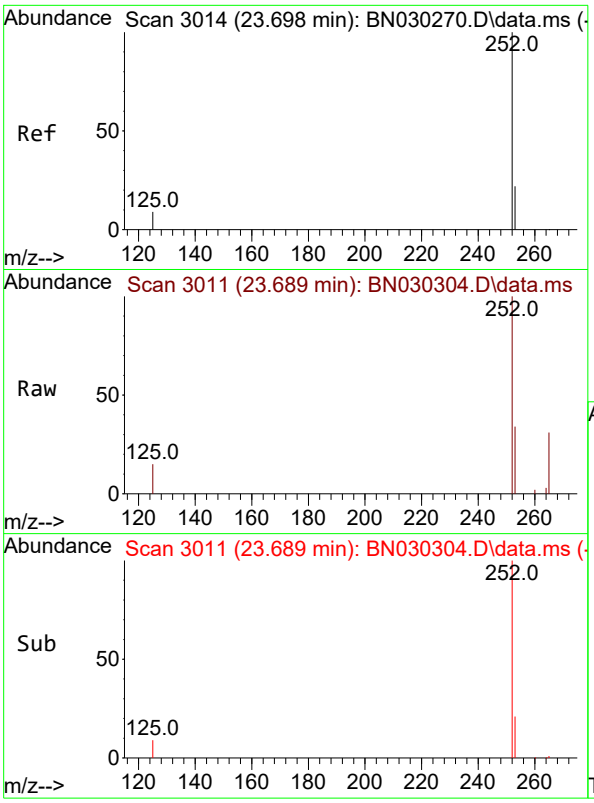


#38
Benzo(k)fluoranthene
Concen: 0.412 ng
RT: 23.131 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:252 Resp: 6622

Ion	Ratio	Lower	Upper
252	100		
253	29.6	25.7	38.5
125	16.4	11.5	17.3



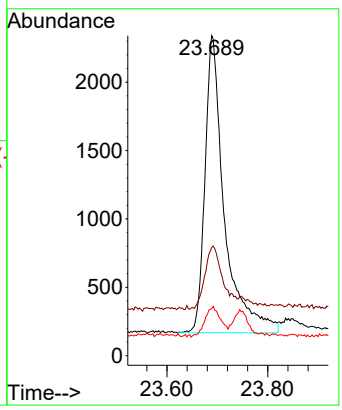


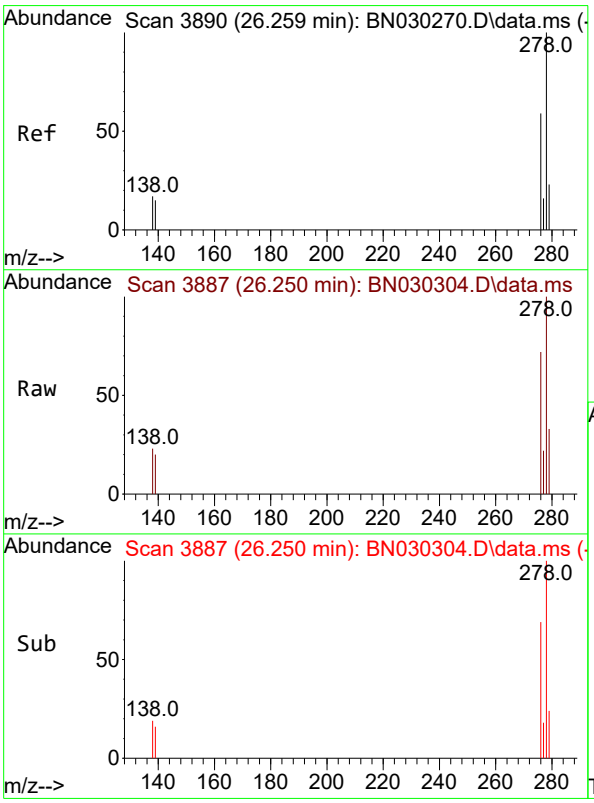
#39
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.689 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 5823

Ion	Ratio	Lower	Upper
252	100		
253	33.8	30.8	46.2
125	14.8	12.5	18.7

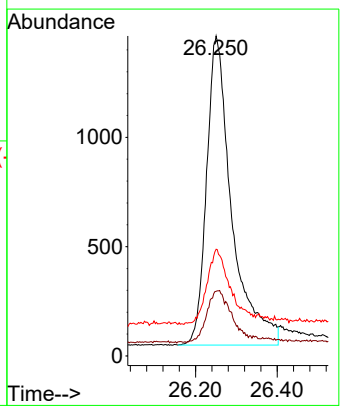


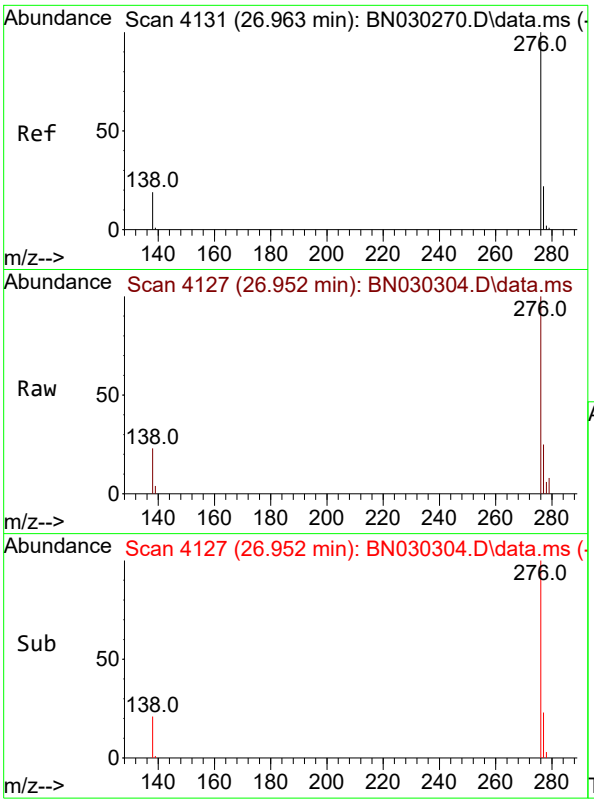


#40
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 26.250 min Scan# 3887
Delta R.T. -0.009 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Tgt Ion:278 Resp: 6062

Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.5	23.3
279	33.3	27.3	40.9





#41
Benzo(g,h,i)perylene
Concen: 0.416 ng
RT: 26.952 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN030304.D
Acq: 06 Mar 2024 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 7164

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.6	30.8
138	23.2	18.2	27.4