Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024970.D
Acq On : 18 Apr 2023 09:54
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 19 05:21:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.933	152	7463	0.400	ng		0.00
7) Naphthalene-d8	10.739	136	20754	0.400	ng		#-0.01
13) Acenaphthene-d10	14.576	164	11690	0.400	ng		0.00
19) Phenanthrene-d10	17.323	188	26179	0.400	ng		0.00
29) Chrysene-d12	21.527	240	21669	0.400	ng		0.00
35) Perylene-d12	23.980	264	18483	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	6783	0.394	ng		0.00
5) Phenol-d6	7.095	99	8729	0.402	ng		0.00
8) Nitrobenzene-d5	9.095	82	7220	0.432	ng		-0.01
11) 2-Methylnaphthalene-d10	12.332	152	11721	0.426	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	2044	0.389	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	19294	0.432	ng		-0.01
27) Fluoranthene-d10	19.359	212	25383	0.428	ng		0.00
31) Terphenyl-d14	19.953	244	23847	0.485	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.339	88	3510	0.428	ng		96
3) n-Nitrosodimethylamine	3.679	42	5719	0.411	ng		94
6) bis(2-Chloroethyl)ether	7.355	93	8833	0.401	ng		97
9) Naphthalene	10.793	128	22947	0.429	ng		100
10) Hexachlorobutadiene	11.081	225	4372	0.429	ng	#	99
12) 2-Methylnaphthalene	12.408	142	15700	0.422	ng		100
16) Acenaphthylene	14.298	152	19833	0.404	ng		99
17) Acenaphthene	14.641	154	14383	0.433	ng		100
18) Fluorene	15.624	166	19488	0.427	ng		99
20) 4,6-Dinitro-2-methylph...	15.722	198	945	0.368	ng		92
21) 4-Bromophenyl-phenylether	16.516	248	6144	0.398	ng		97
22) Hexachlorobenzene	16.628	284	7339	0.420	ng		98
23) Atrazine	16.790	200	3801	0.361	ng		98
24) Pentachlorophenol	16.976	266	2294	0.521	ng		91
25) Phenanthrene	17.361	178	31616	0.416	ng		100
26) Anthracene	17.460	178	25810	0.389	ng		100
28) Fluoranthene	19.389	202	35510	0.412	ng		99
30) Pyrene	19.751	202	35992	0.467	ng		100
32) Benzo(a)anthracene	21.509	228	28561	0.390	ng		98
33) Chrysene	21.562	228	34092	0.444	ng		99
34) Bis(2-ethylhexyl)phtha...	21.428	149	13106	0.333	ng		99
36) Indeno(1,2,3-cd)pyrene	26.532	276	29580	0.365	ng		98
37) Benzo(b)fluoranthene	23.226	252	31132	0.444	ng		97
38) Benzo(k)fluoranthene	23.278	252	29783	0.429	ng		98
39) Benzo(a)pyrene	23.872	252	28083	0.419	ng		94
40) Dibenzo(a,h)anthracene	26.559	278	22986	0.360	ng		98
41) Benzo(g,h,i)perylene	27.319	276	26151	0.378	ng		99

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

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Instrument :
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Quant Time: Apr 19 05:21:39 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
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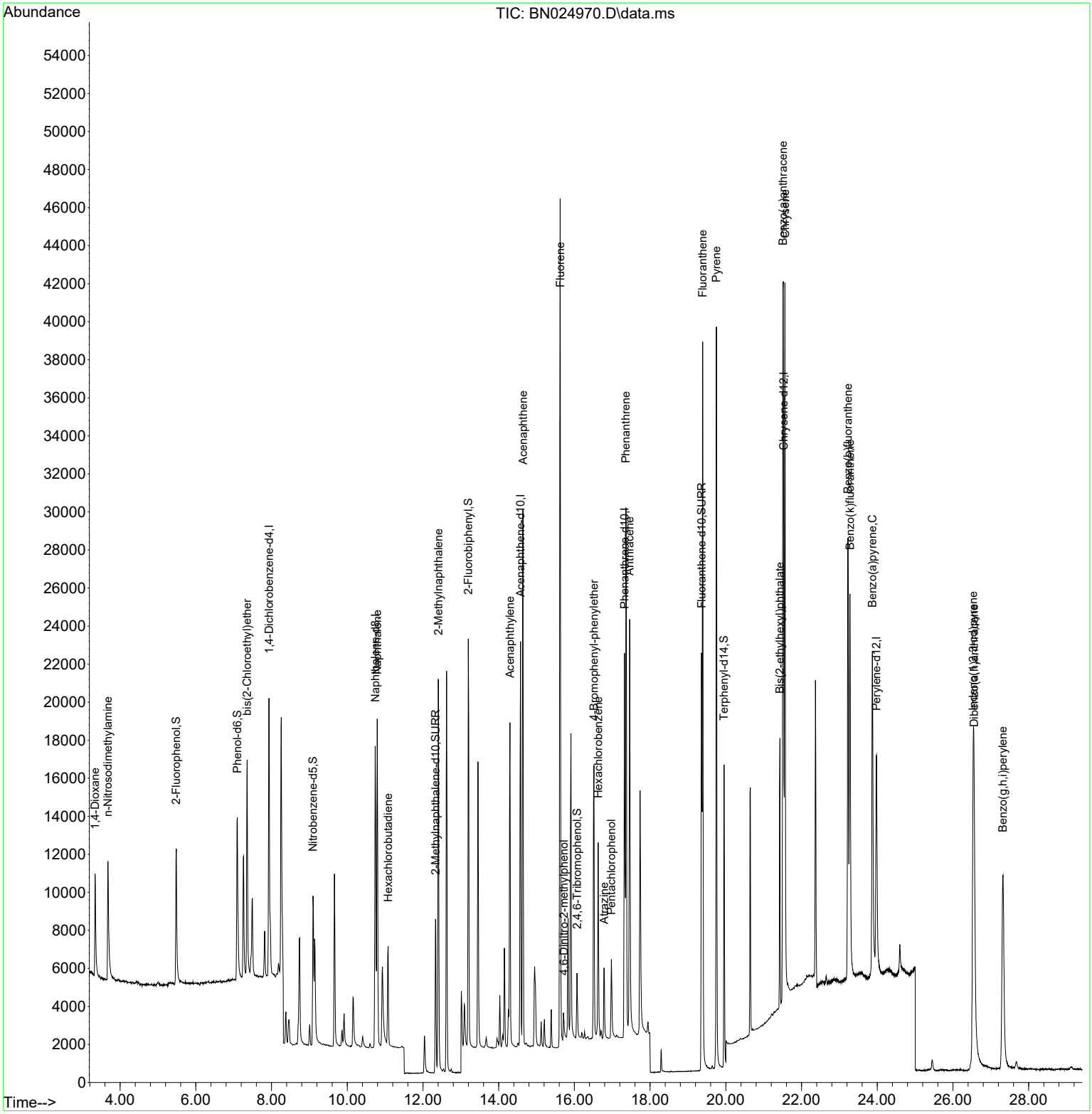
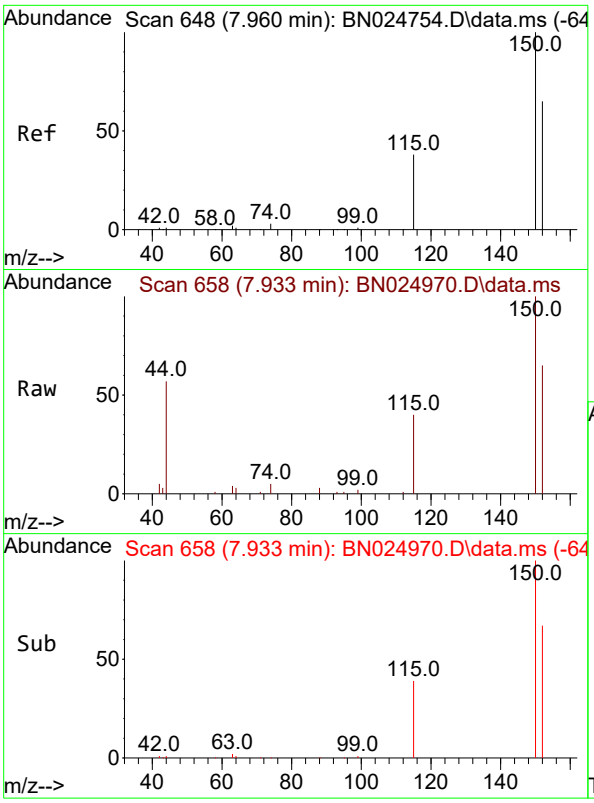


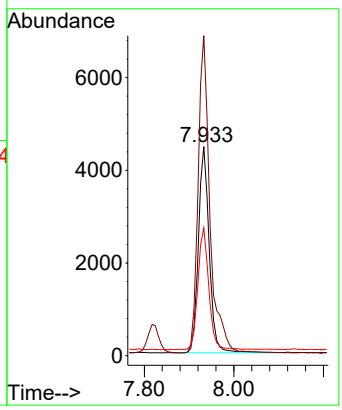


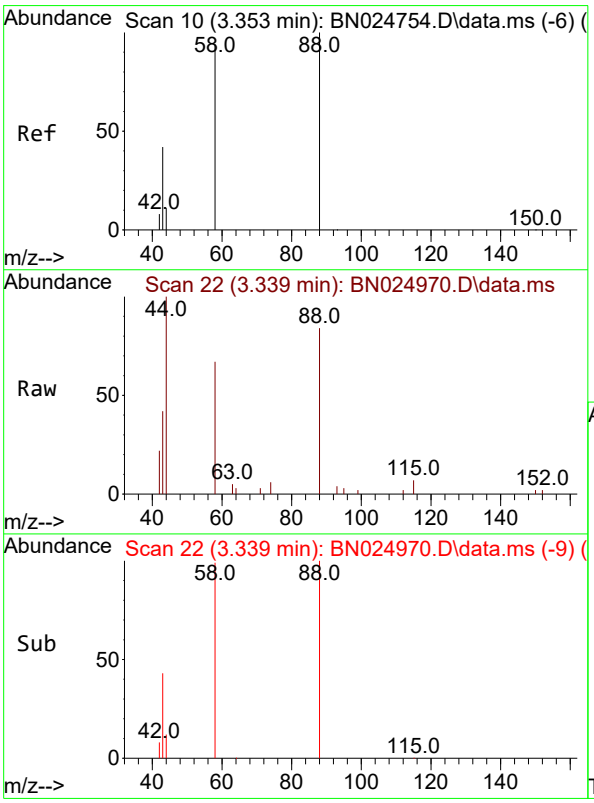
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7463

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.8	182.8
115	61.1	48.3	72.5

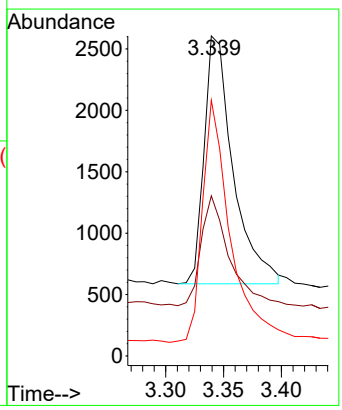


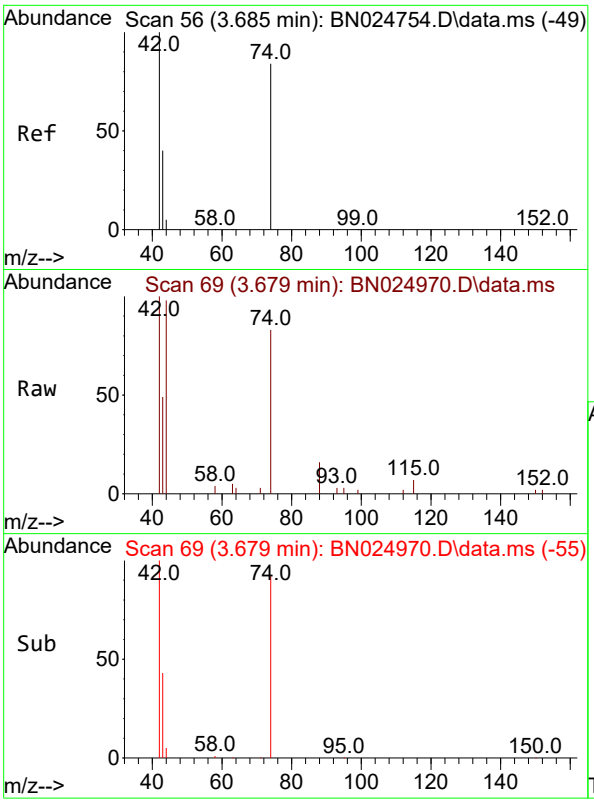


#2
1,4-Dioxane
Concen: 0.428 ng
RT: 3.339 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion: 88 Resp: 3510

Ion	Ratio	Lower	Upper
88	100		
43	43.2	35.2	52.8
58	93.9	71.4	107.2



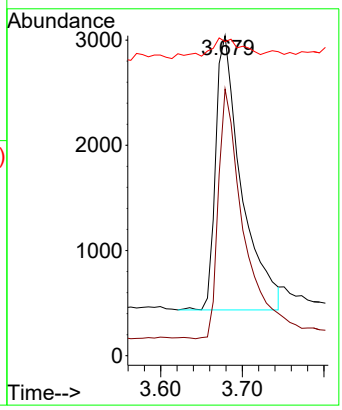


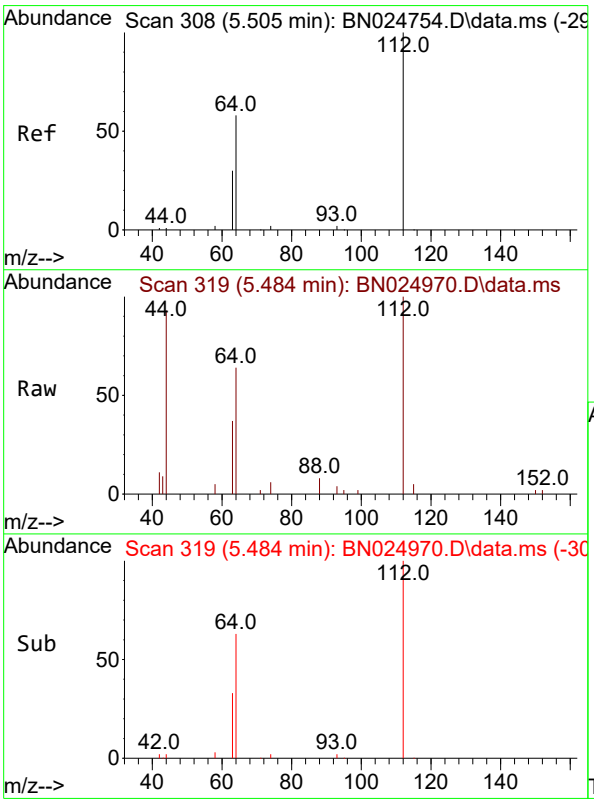
#3
n-Nitrosodimethylamine
Concen: 0.411 ng
RT: 3.679 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 5719

Ion	Ratio	Lower	Upper
42	100		
74	87.8	74.8	112.2
44	10.1	7.4	11.0

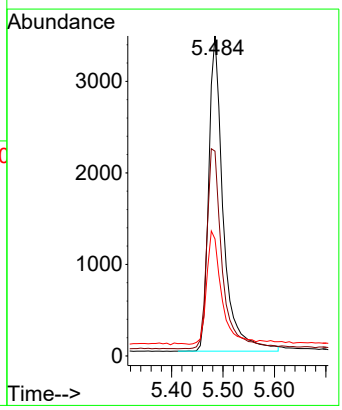


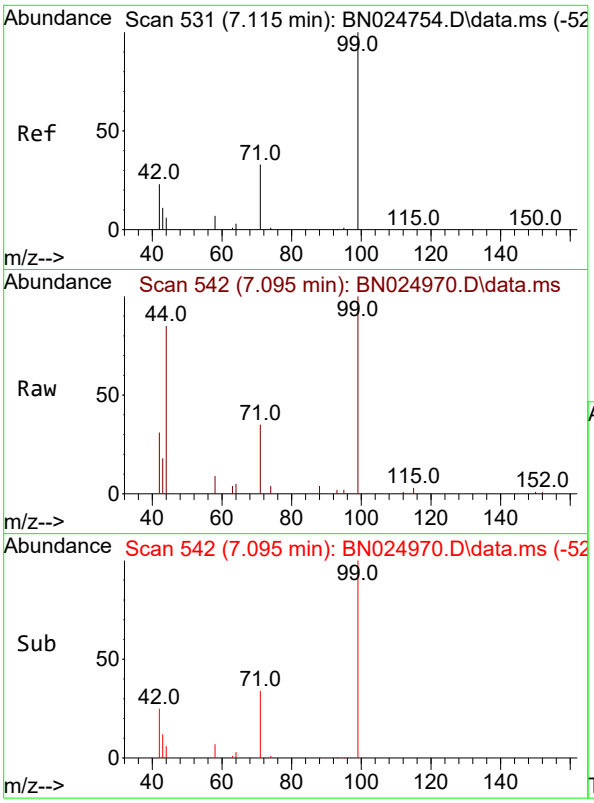


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.484 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:112 Resp: 6783

Ion	Ratio	Lower	Upper
112	100		
64	66.8	52.5	78.7
63	36.5	27.9	41.9



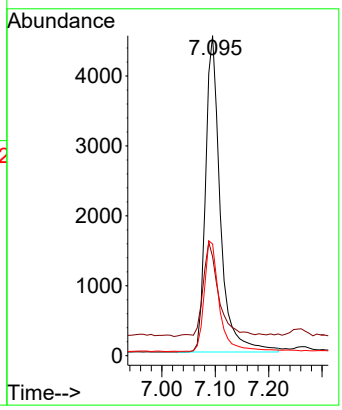


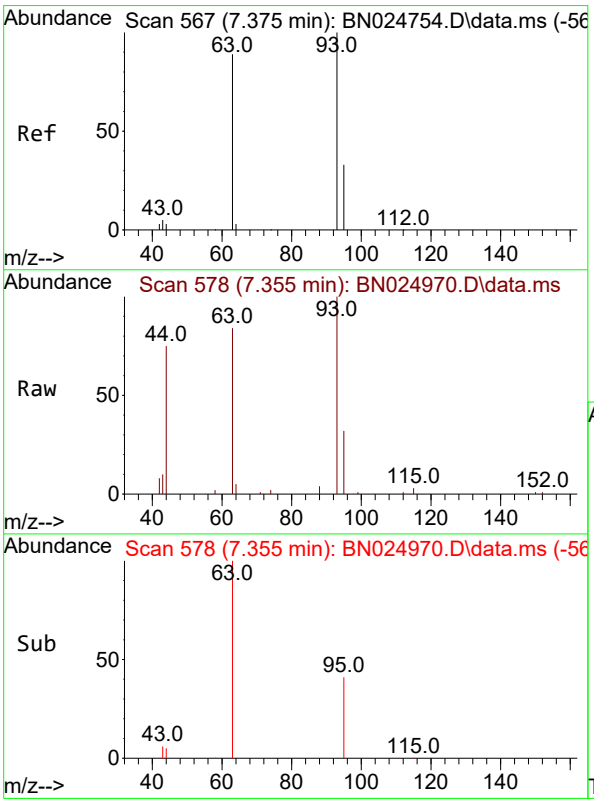
#5
Phenol-d6
Concen: 0.402 ng
RT: 7.095 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 8729

Ion	Ratio	Lower	Upper
99	100		
42	31.4	22.8	34.2
71	35.6	28.2	42.2

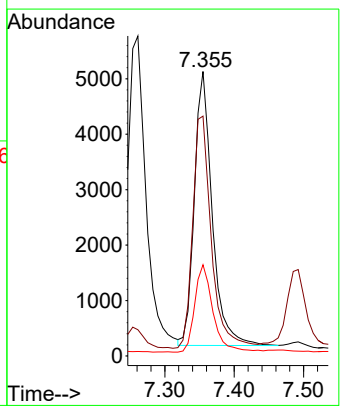


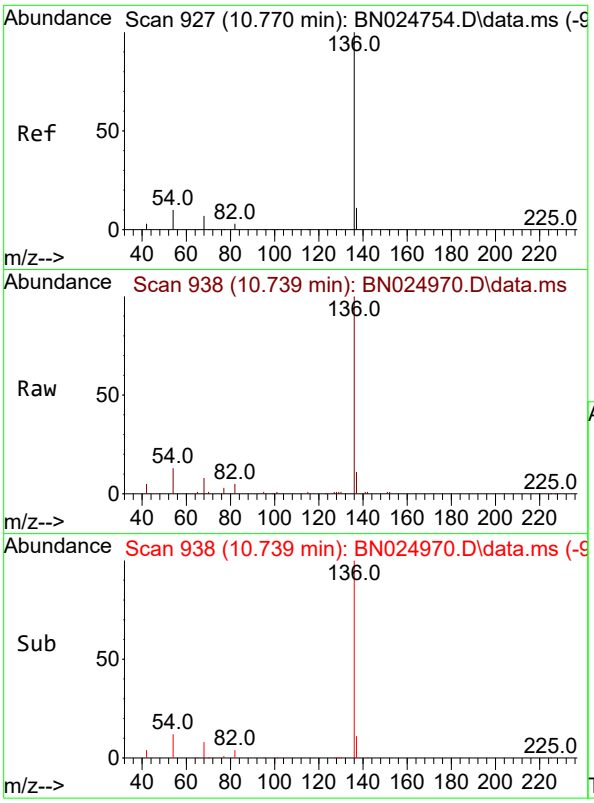


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.355 min Scan# 578
Delta R.T. -0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion: 93 Resp: 8833

Ion	Ratio	Lower	Upper
93	100		
63	88.7	68.8	103.2
95	32.6	25.4	38.2



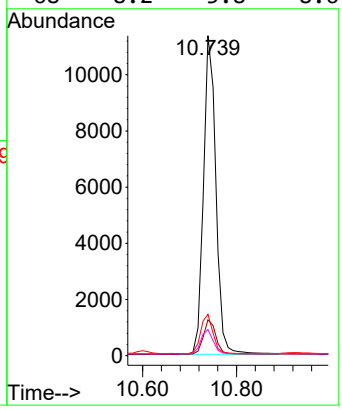


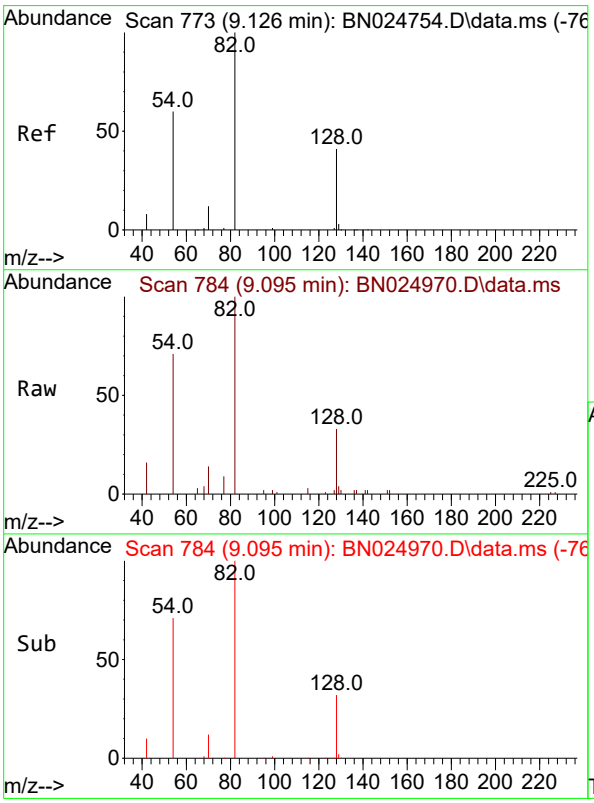
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.739 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 20754

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	12.9	8.2	12.4#
68	8.2	5.8	8.6

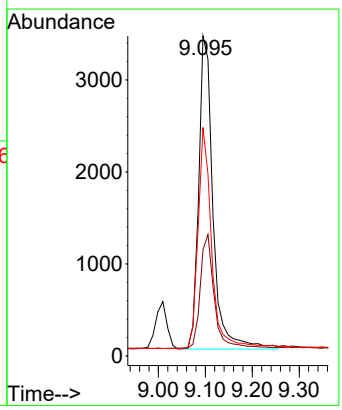


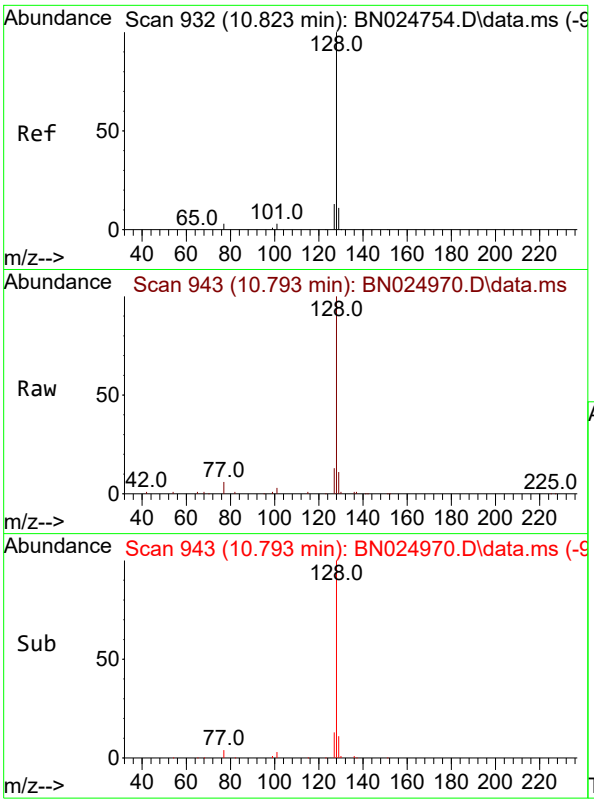


#8
Nitrobenzene-d5
Concen: 0.432 ng
RT: 9.095 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion: 82 Resp: 7220

Ion	Ratio	Lower	Upper
82	100		
128	33.2	33.8	50.6#
54	71.4	49.4	74.0



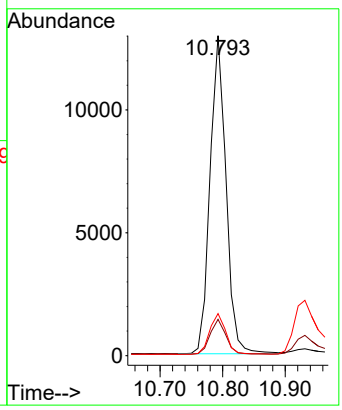


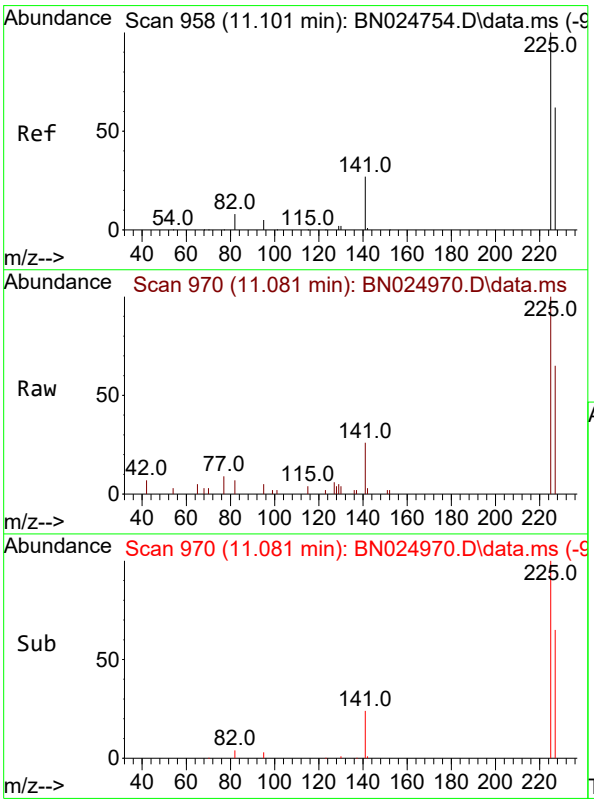
#9
Naphthalene
Concen: 0.429 ng
RT: 10.793 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 22947

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	10.4	15.6

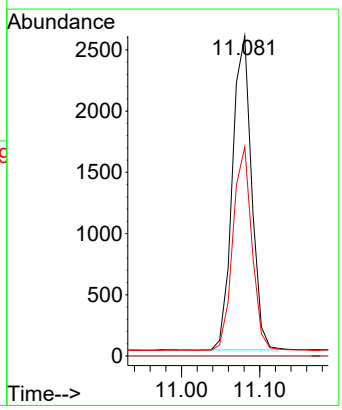


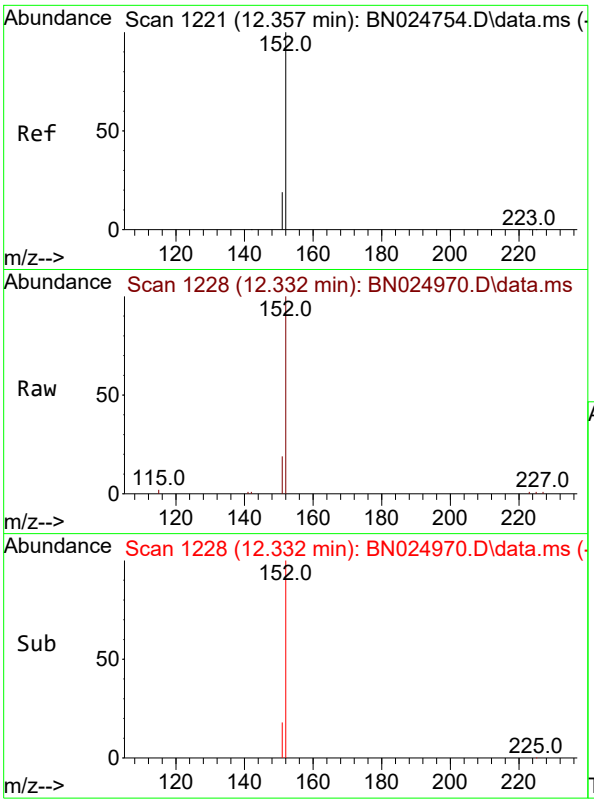


#10
Hexachlorobutadiene
Concen: 0.429 ng
RT: 11.081 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:225 Resp: 4372

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.5	75.7



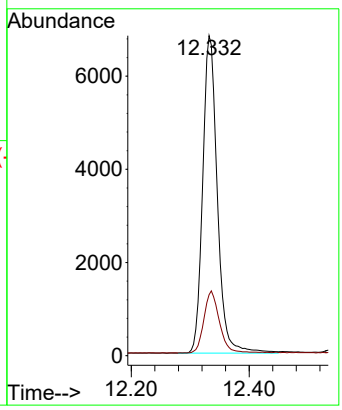


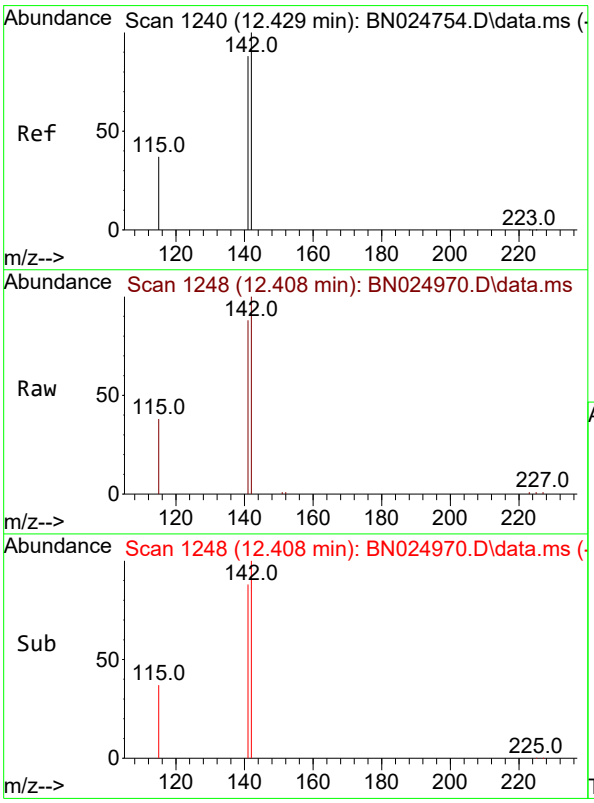
#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.332 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 11721

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0

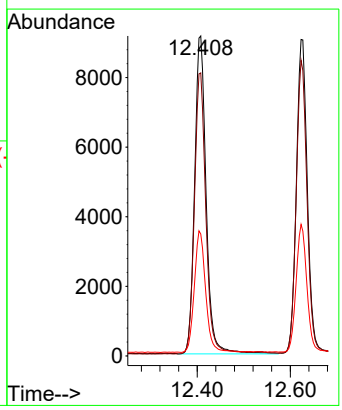


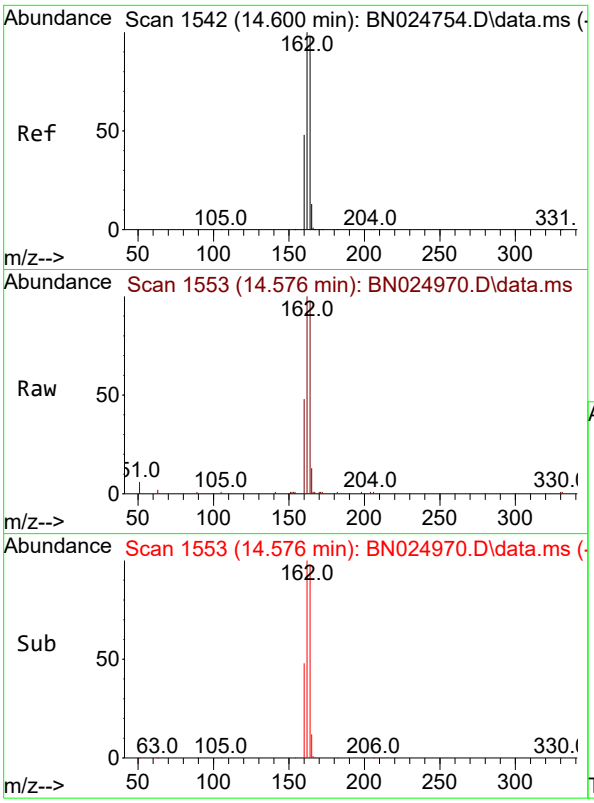


#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.408 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:142 Resp: 15700

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.5	105.7
115	38.1	30.2	45.2



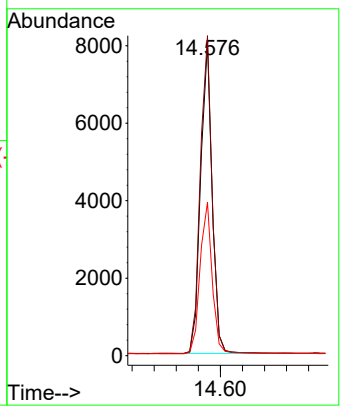


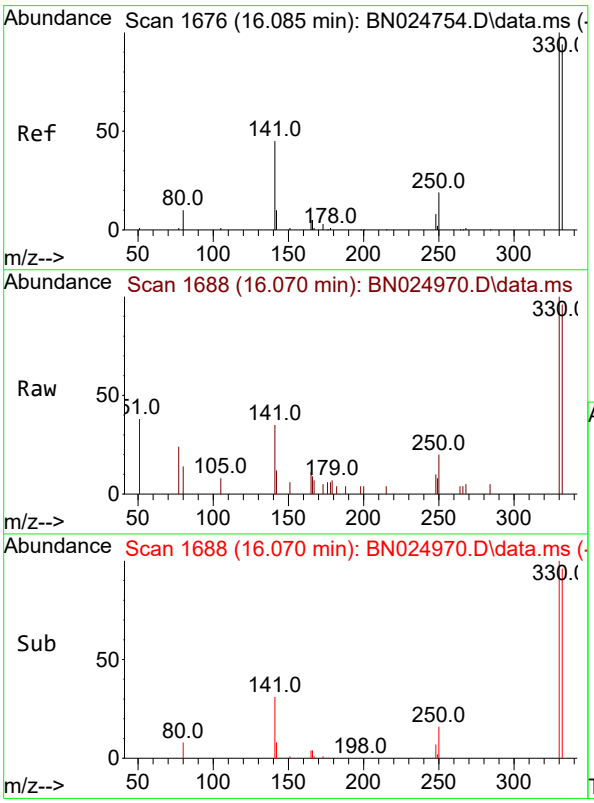
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 11690

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.9	122.9
160	49.0	39.2	58.8

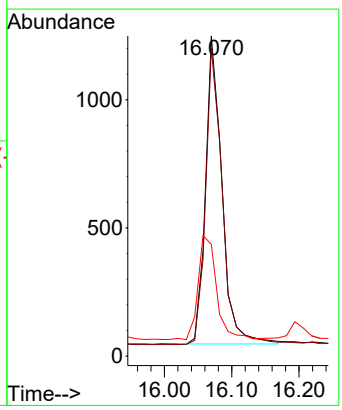


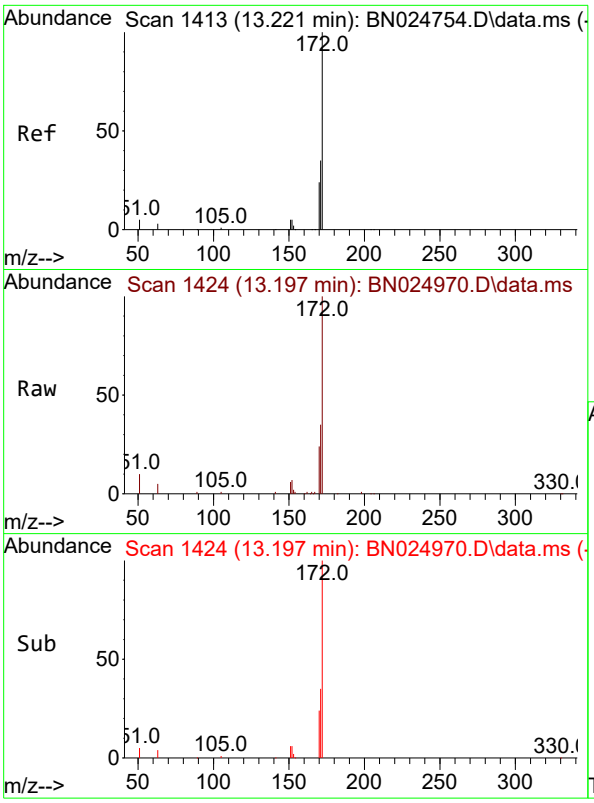


#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:330 Resp: 2044

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.9	116.9
141	37.7	31.0	46.6



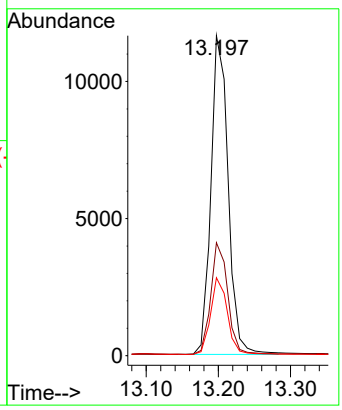


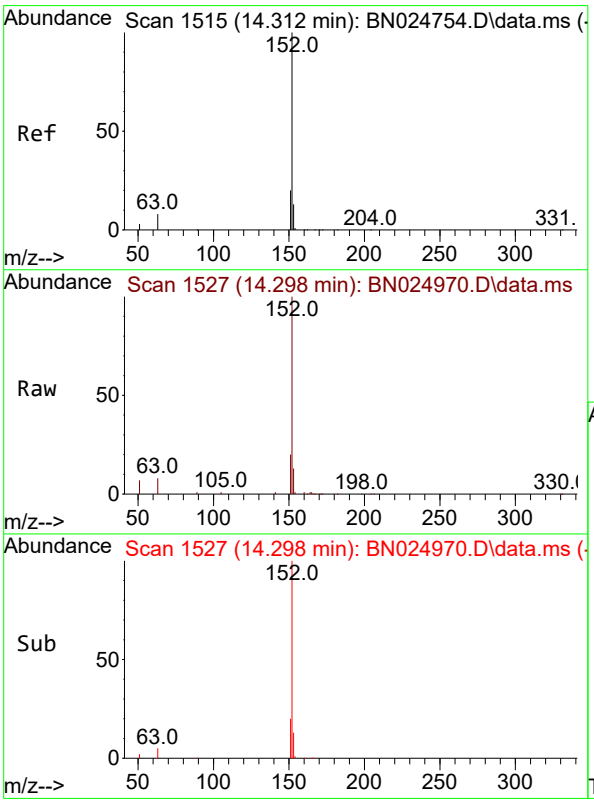
#15
2-Fluorobiphenyl
Concen: 0.432 ng
RT: 13.197 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 19294

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	24.3	19.2	28.8

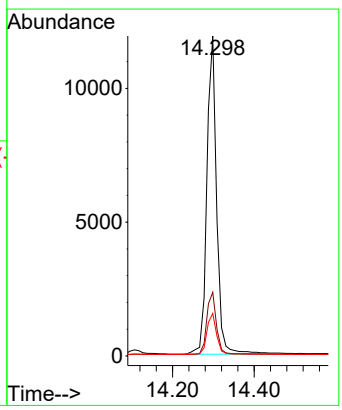


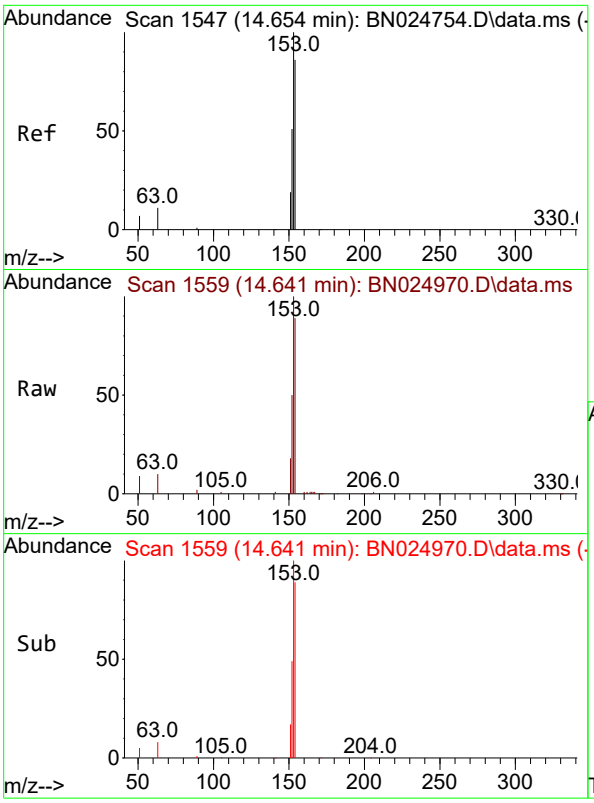


#16
Acenaphthylene
Concen: 0.404 ng
RT: 14.298 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:152 Resp: 19833

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.3	22.9
153	13.0	10.3	15.5



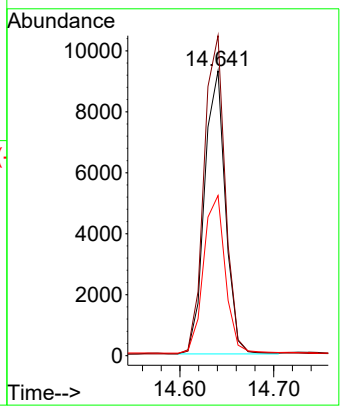


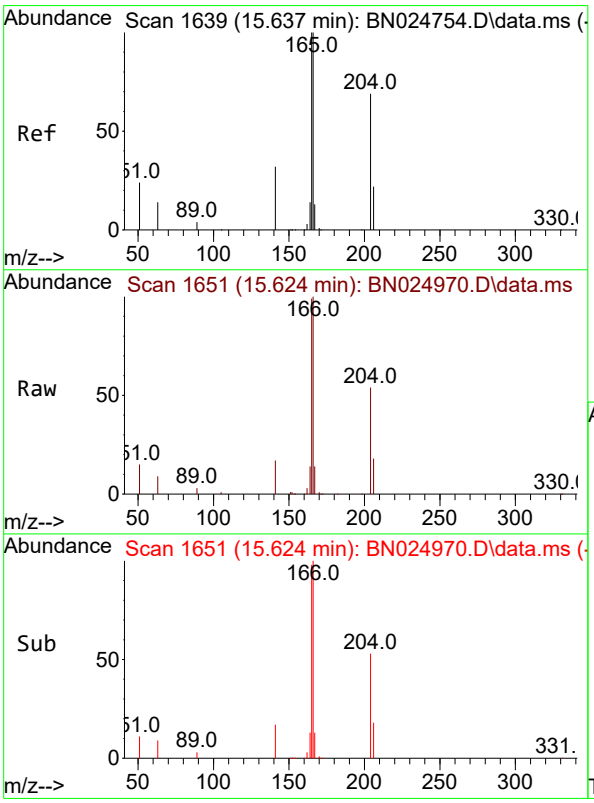
#17
Acenaphthene
Concen: 0.433 ng
RT: 14.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 14383

Ion	Ratio	Lower	Upper
154	100		
153	115.0	92.2	138.4
152	58.4	47.1	70.7

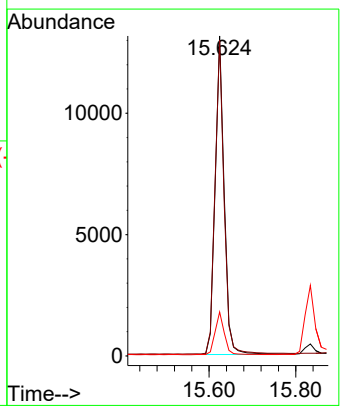


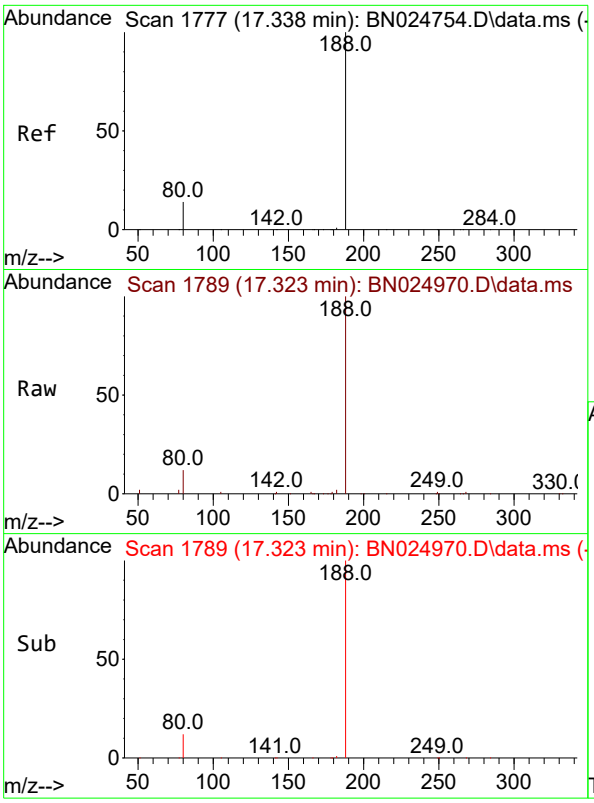


#18
Fluorene
Concen: 0.427 ng
RT: 15.624 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:166 Resp: 19488

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.3	117.5
167	13.5	10.4	15.6



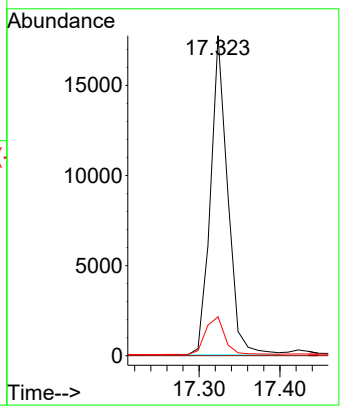


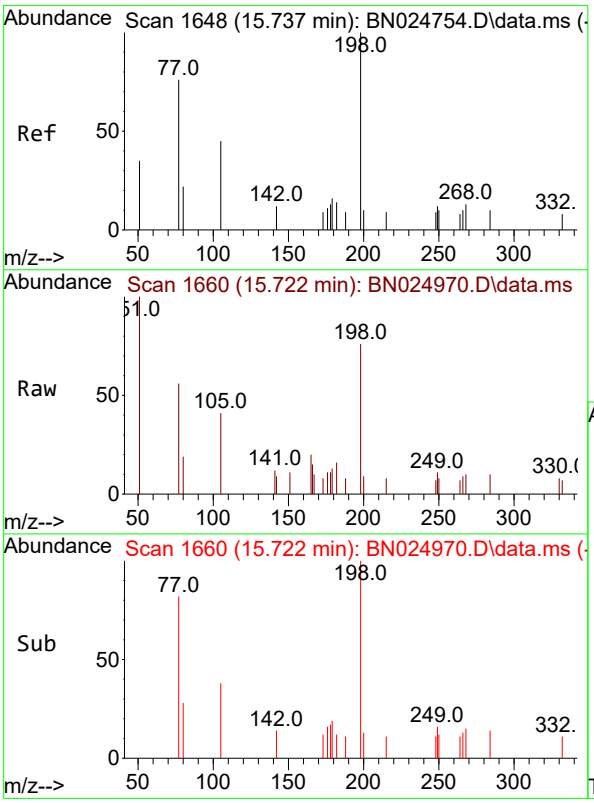
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 26179

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	11.3	16.9

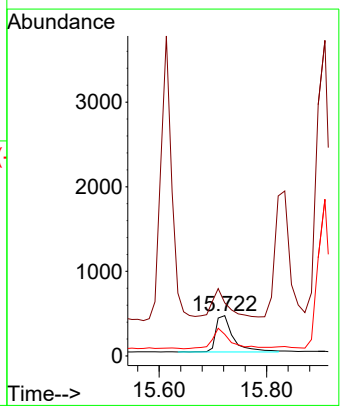


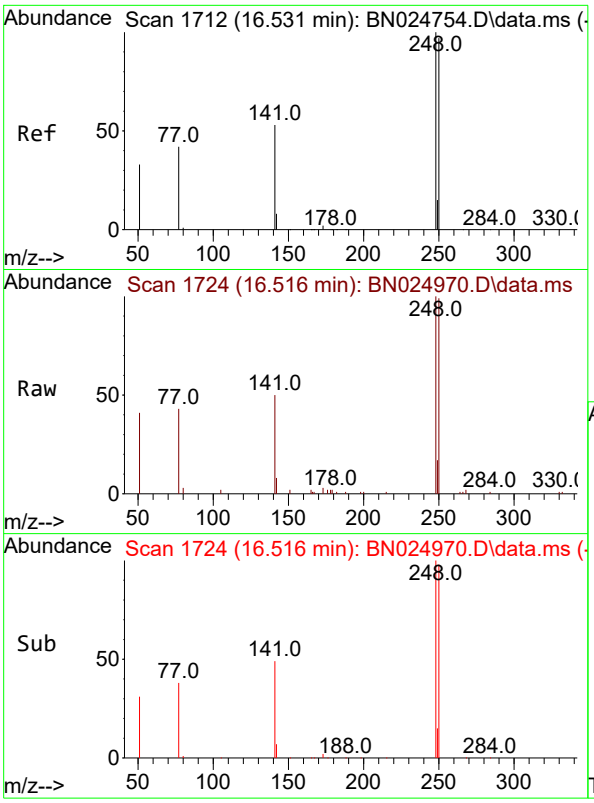


#20
4,6-Dinitro-2-methylphenol
Concen: 0.368 ng
RT: 15.722 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:198 Resp: 945

Ion	Ratio	Lower	Upper
198	100		
51	131.9	99.8	149.8
105	53.5	49.4	74.0



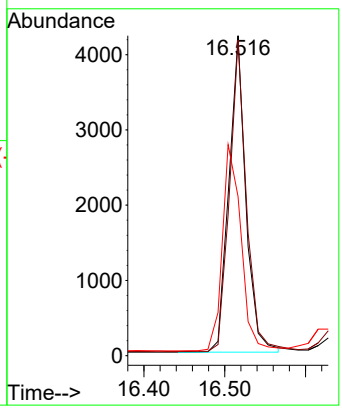


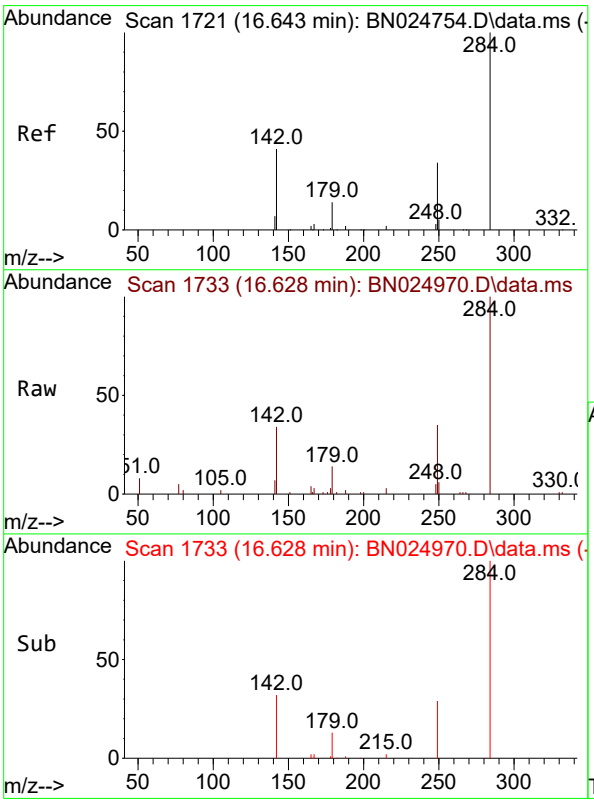
#21
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 6144

Ion	Ratio	Lower	Upper
248	100		
250	98.7	77.7	116.5
141	49.7	43.4	65.2

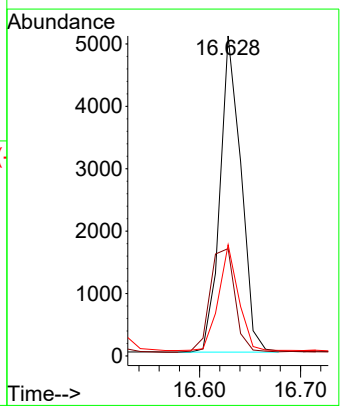


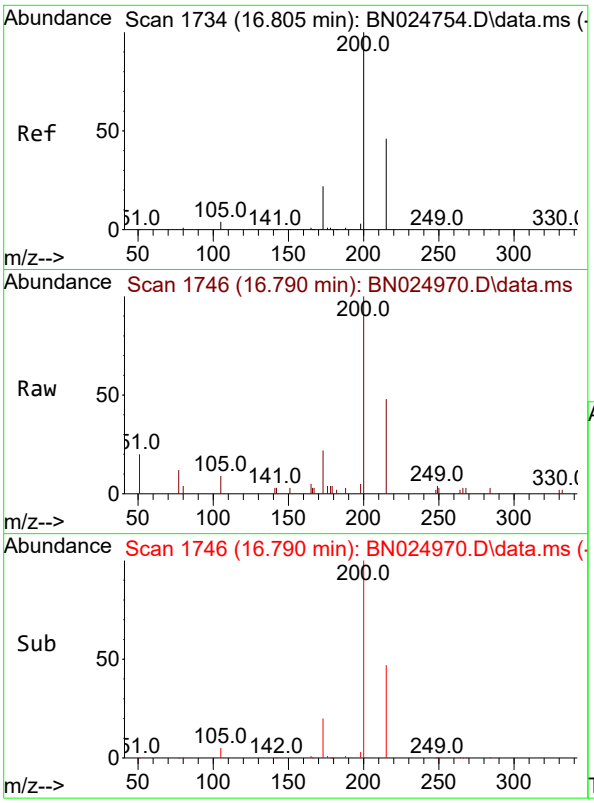


#22
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.628 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:284 Resp: 7339

Ion	Ratio	Lower	Upper
284	100		
142	38.8	29.6	44.4
249	31.5	24.6	37.0



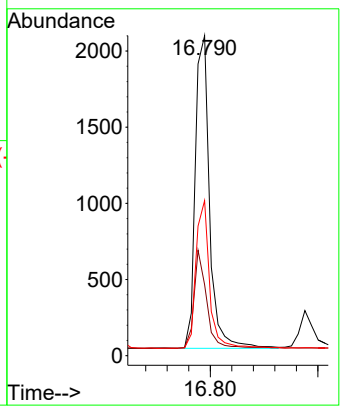


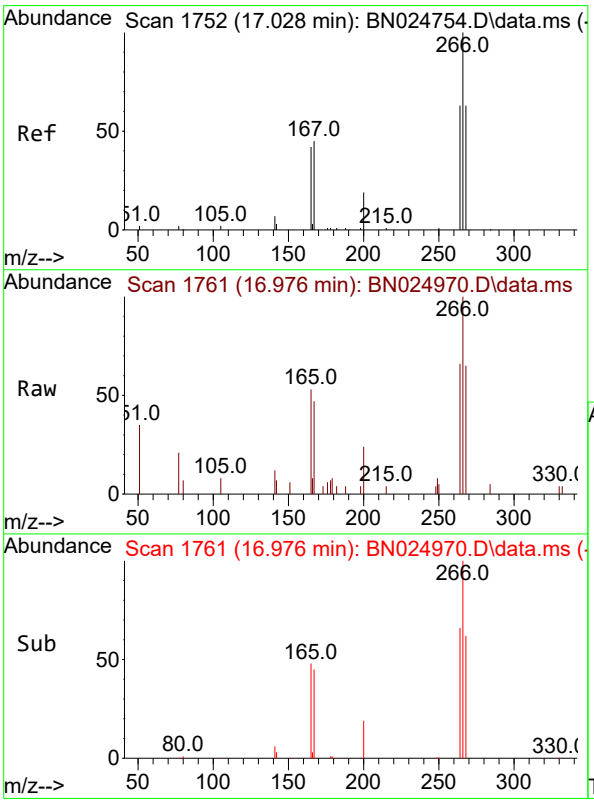
#23
Atrazine
Concen: 0.361 ng
RT: 16.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3801

Ion	Ratio	Lower	Upper
200	100		
173	22.2	18.4	27.6
215	48.5	37.6	56.4

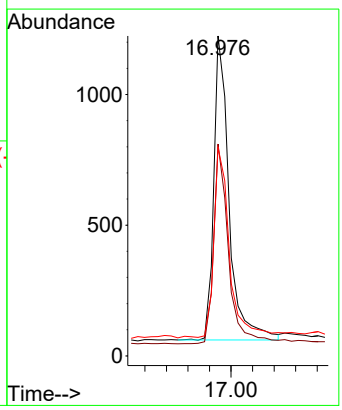


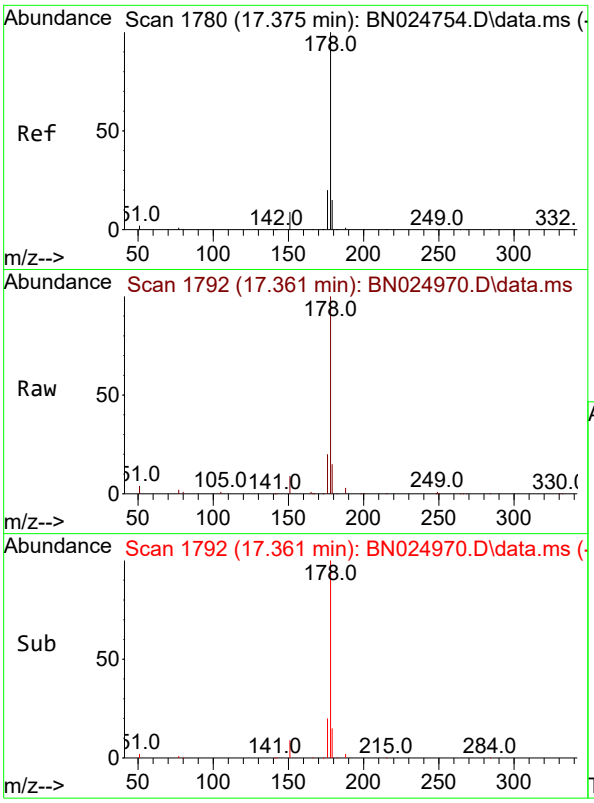


#24
Pentachlorophenol
Concen: 0.521 ng
RT: 16.976 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:266 Resp: 2294

Ion	Ratio	Lower	Upper
266	100		
264	64.5	46.1	69.1
268	65.6	46.7	70.1



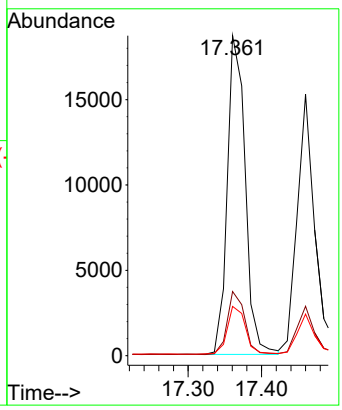


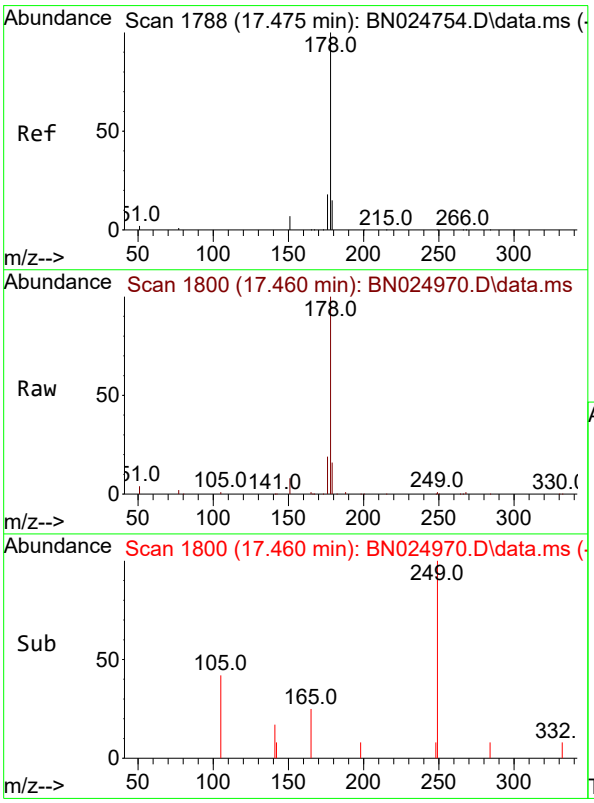
#25
Phenanthrene
Concen: 0.416 ng
RT: 17.361 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 31616

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

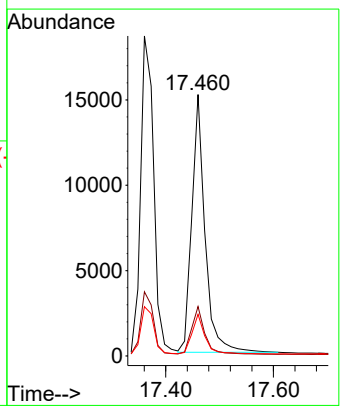


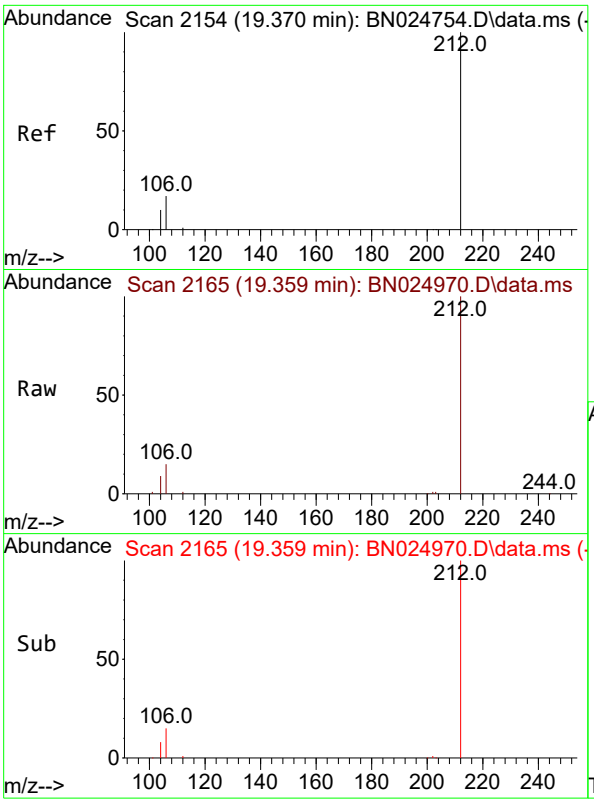


#26
Anthracene
Concen: 0.389 ng
RT: 17.460 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:178 Resp: 25810

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.1	12.4	18.6



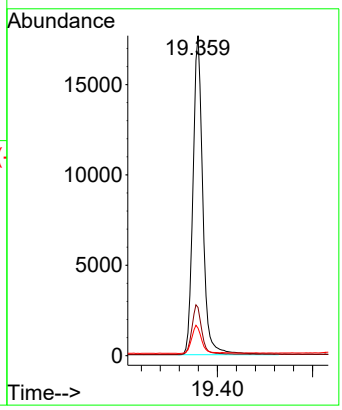


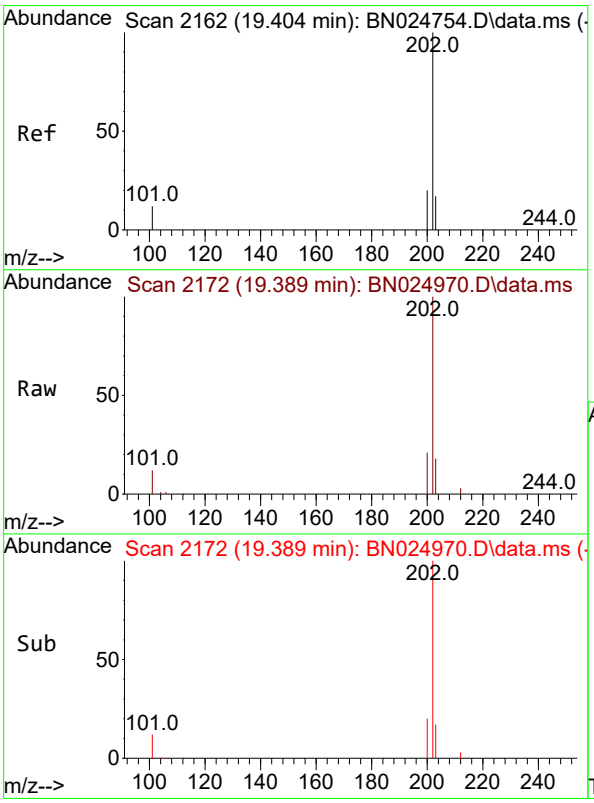
#27
Fluoranthene-d10
Concen: 0.428 ng
RT: 19.359 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 25383

Ion	Ratio	Lower	Upper
212	100		
106	15.5	13.2	19.8
104	8.8	7.6	11.4

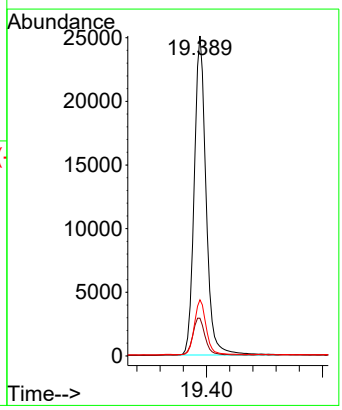


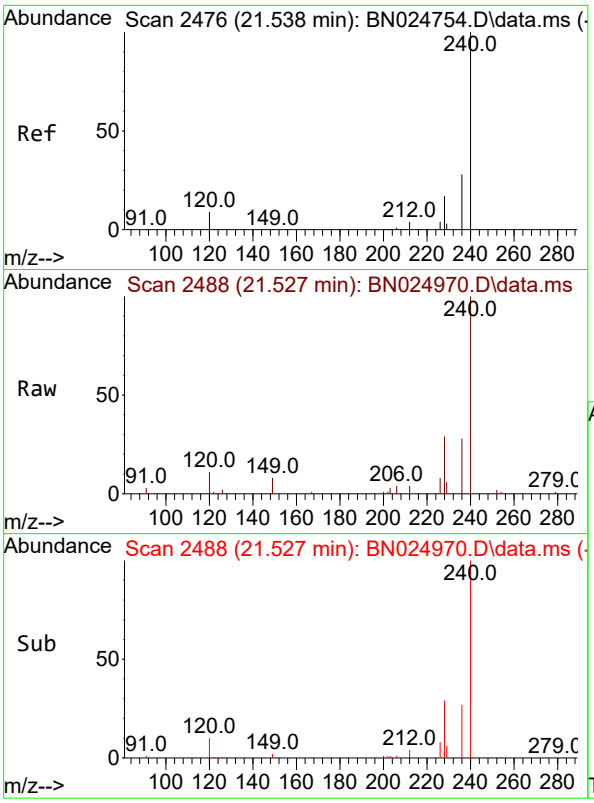


#28
Fluoranthene
Concen: 0.412 ng
RT: 19.389 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:202 Resp: 35510

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.2	15.4
203	17.0	13.4	20.2



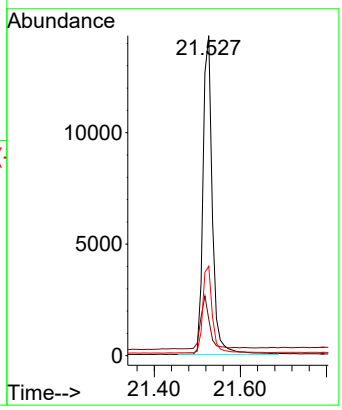


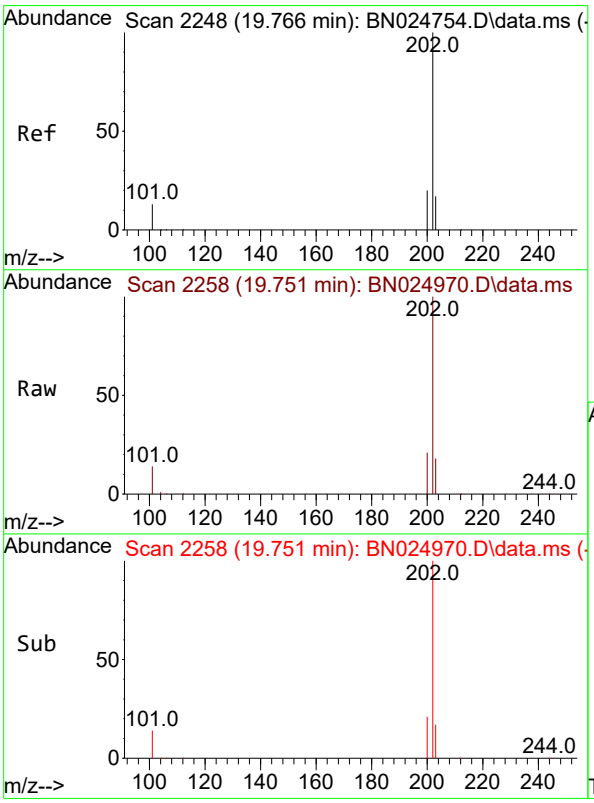
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.527 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 21669

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.8	13.2
236	28.0	22.6	34.0

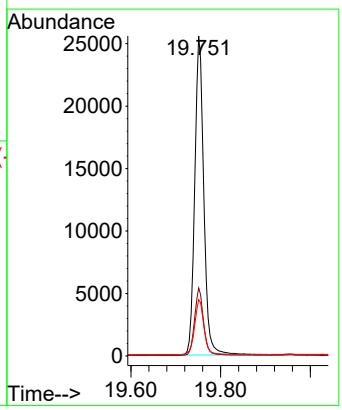


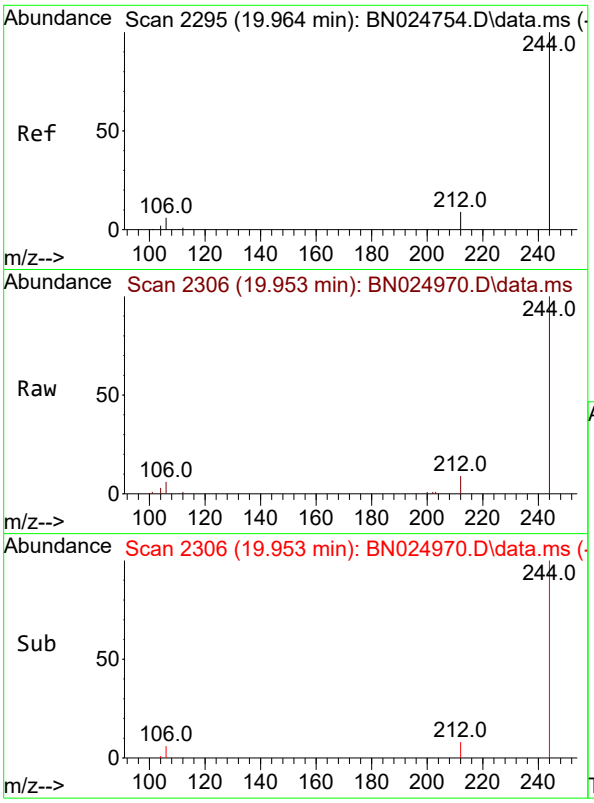


#30
Pyrene
Concen: 0.467 ng
RT: 19.751 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:202 Resp: 35992

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.7	14.2	21.4



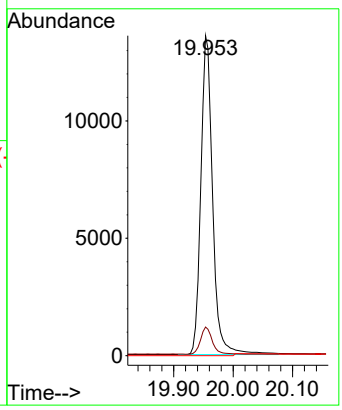


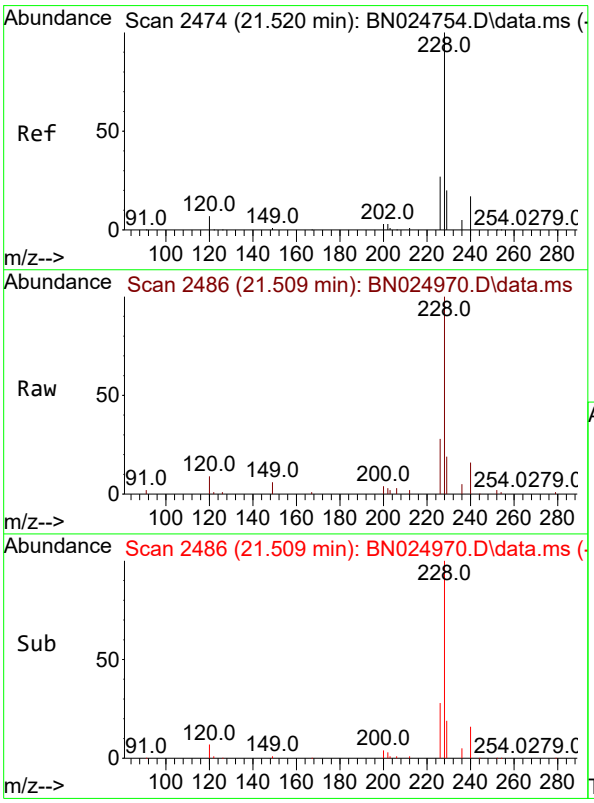
#31
Terphenyl-d14
Concen: 0.485 ng
RT: 19.953 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 23847

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	0.0	0.0	0.0

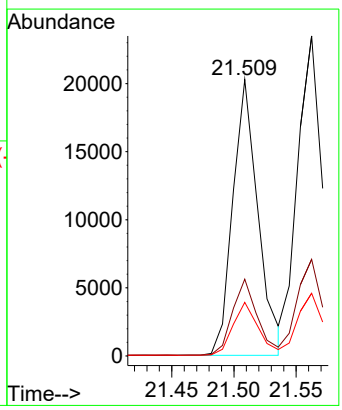


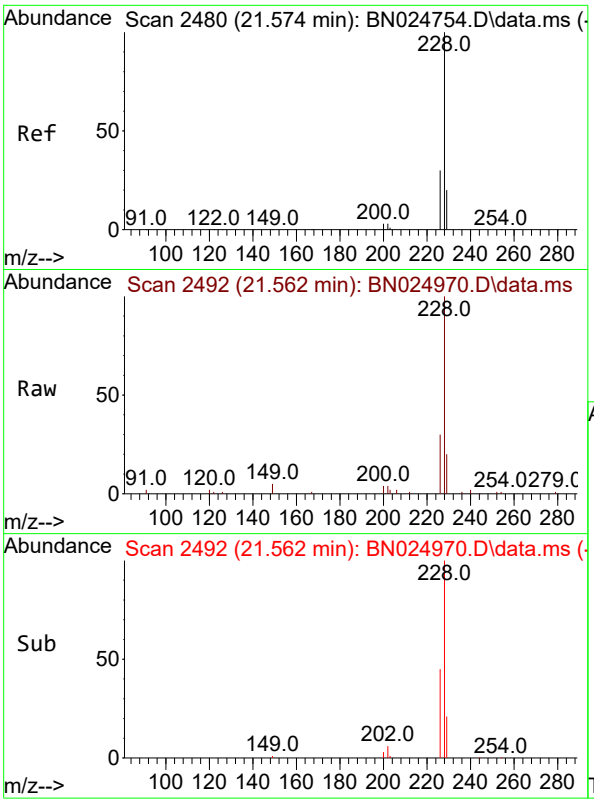


#32
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.509 min Scan# 2486
Delta R.T. 0.005 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:228 Resp: 28561

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.5	32.3
229	19.4	16.0	24.0



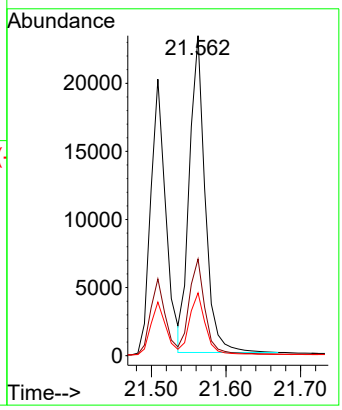


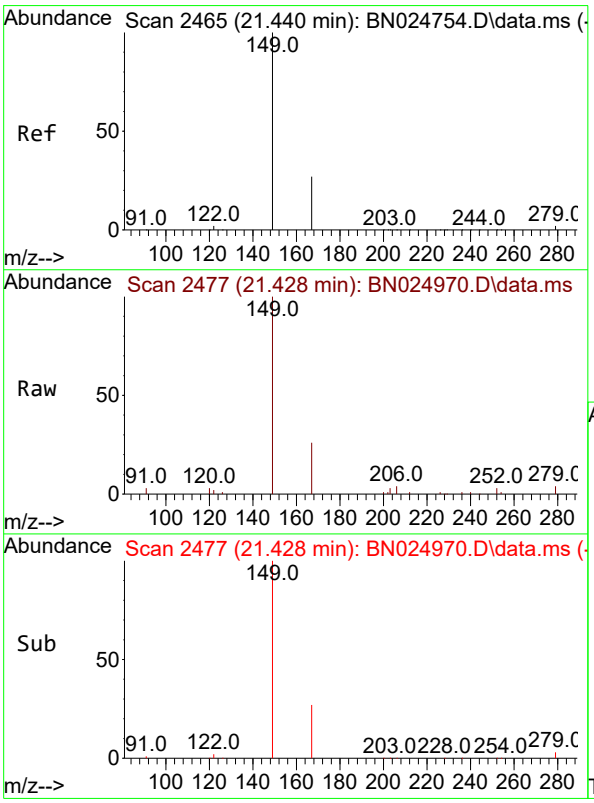
#33
Chrysene
Concen: 0.444 ng
RT: 21.562 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34092

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.6	16.0	24.0

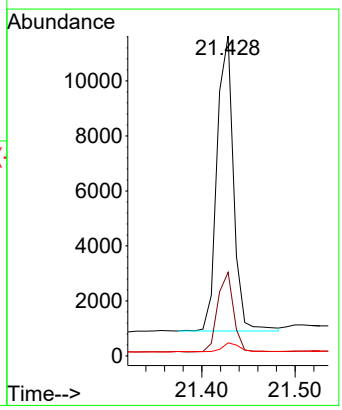


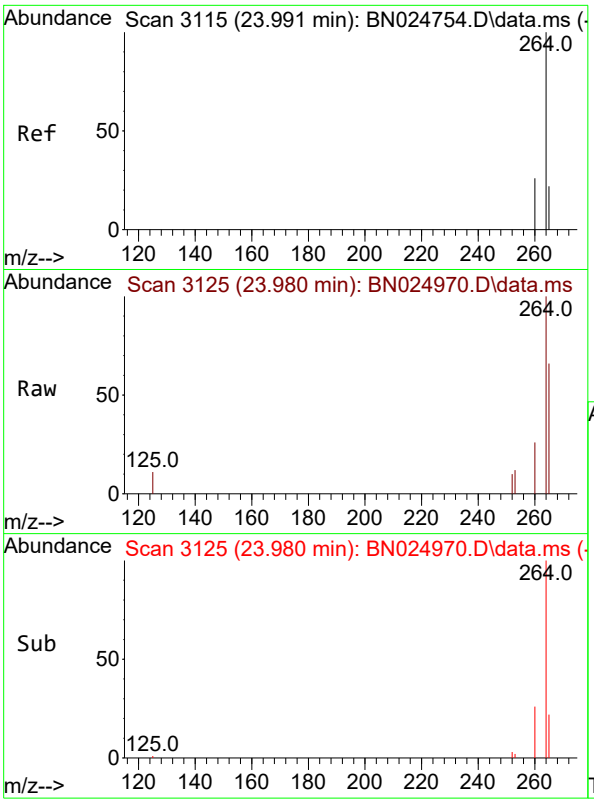


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.333 ng
RT: 21.428 min Scan# 2477
Delta R.T. 0.005 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:149 Resp: 13106

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.4	32.2
279	3.1	2.6	4.0



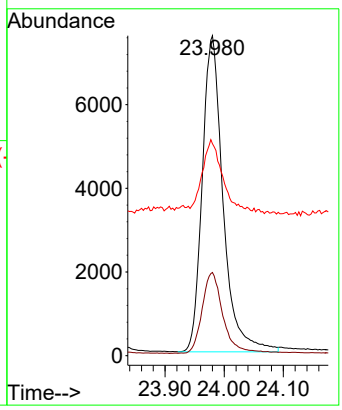


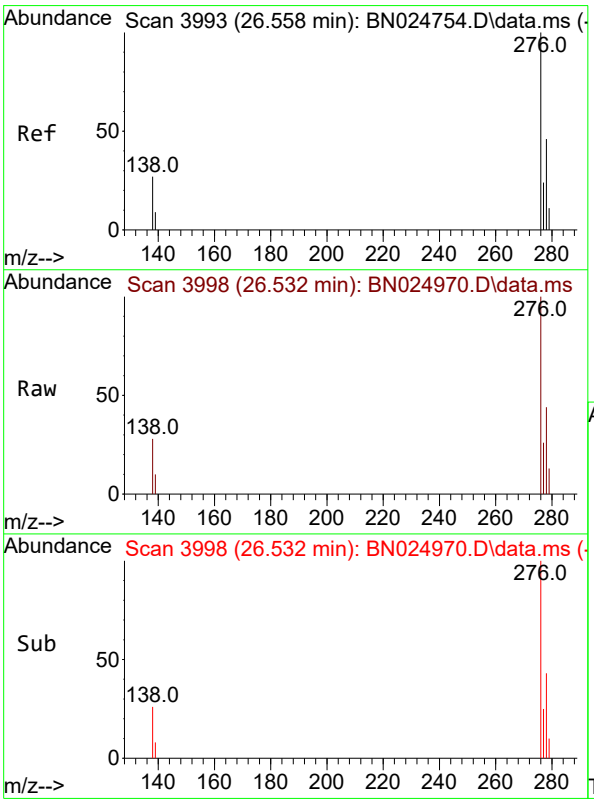
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.980 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 18483

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	66.2	46.5	69.7

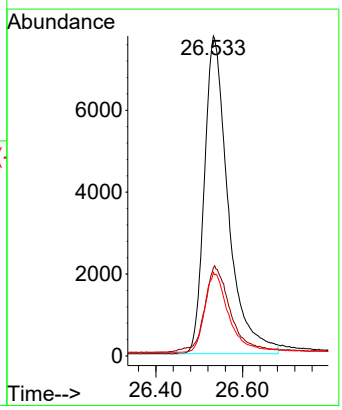


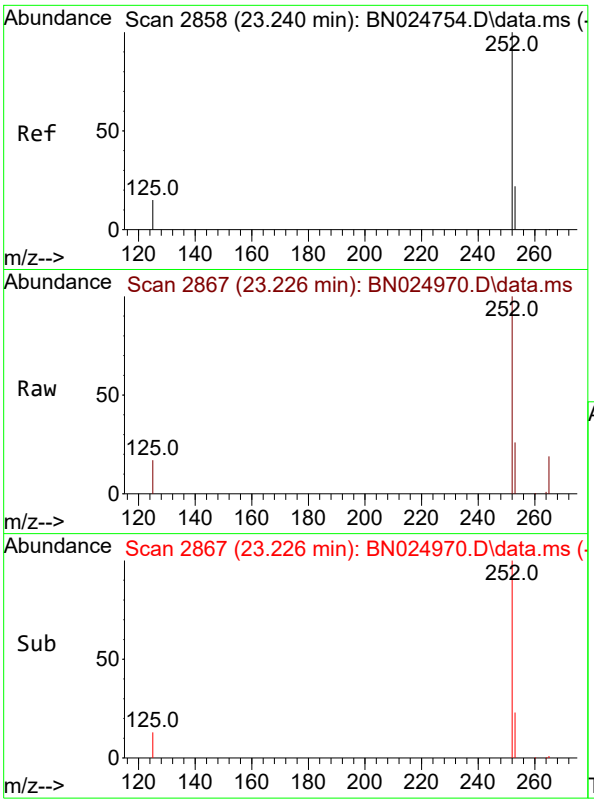


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng
RT: 26.532 min Scan# 3998
Delta R.T. -0.001 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:276 Resp: 29580

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.4	35.0
277	25.3	19.8	29.8



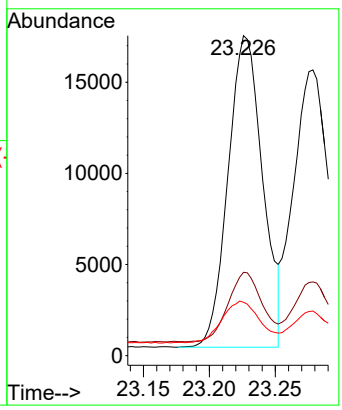


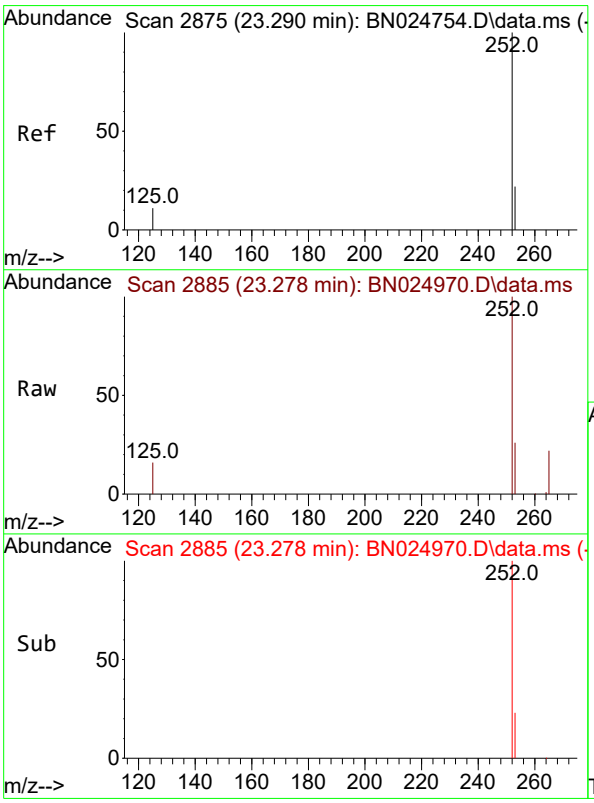
#37
Benzo(b)fluoranthene
Concen: 0.444 ng
RT: 23.226 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 31132

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.0	30.0
125	16.7	14.6	21.8

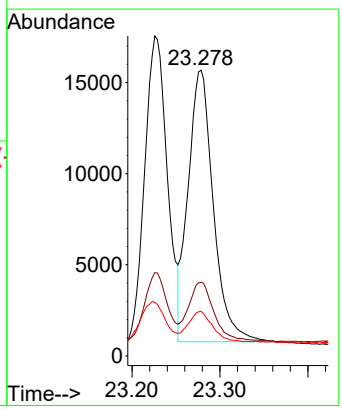


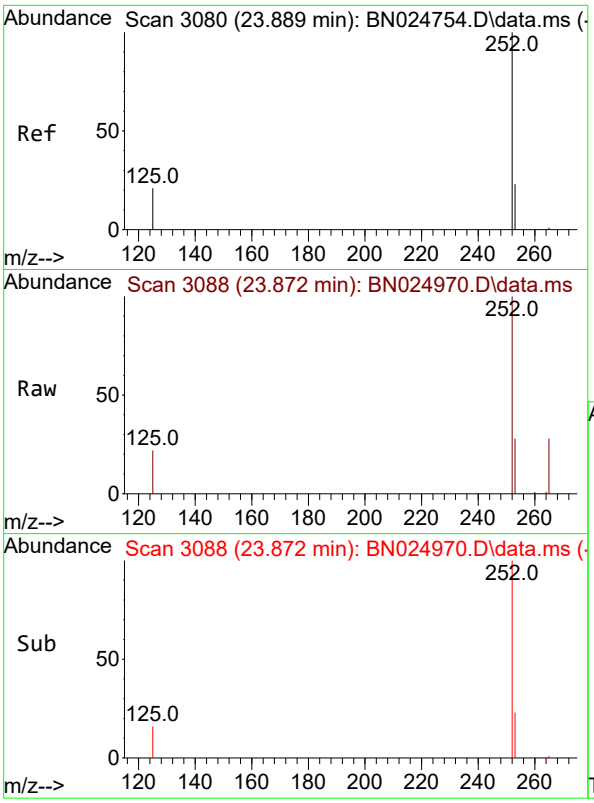


#38
Benzo(k)fluoranthene
Concen: 0.429 ng
RT: 23.278 min Scan# 2885
Delta R.T. 0.007 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:252 Resp: 29783

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.0	30.0
125	15.6	11.9	17.9



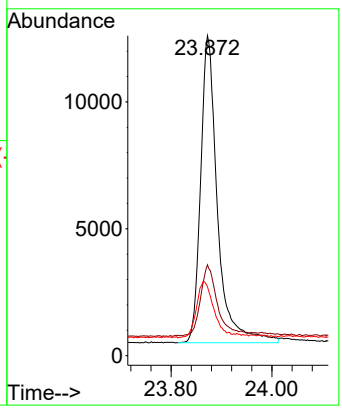


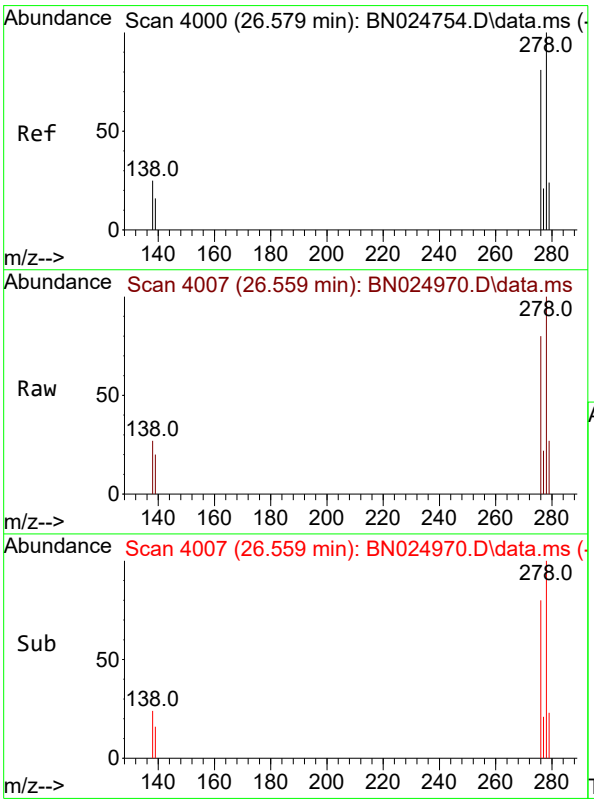
#39
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.872 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28083

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.0	31.6
125	21.6	20.2	30.4

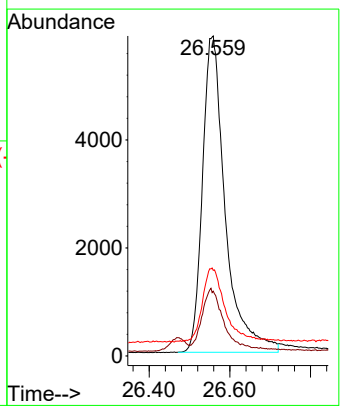


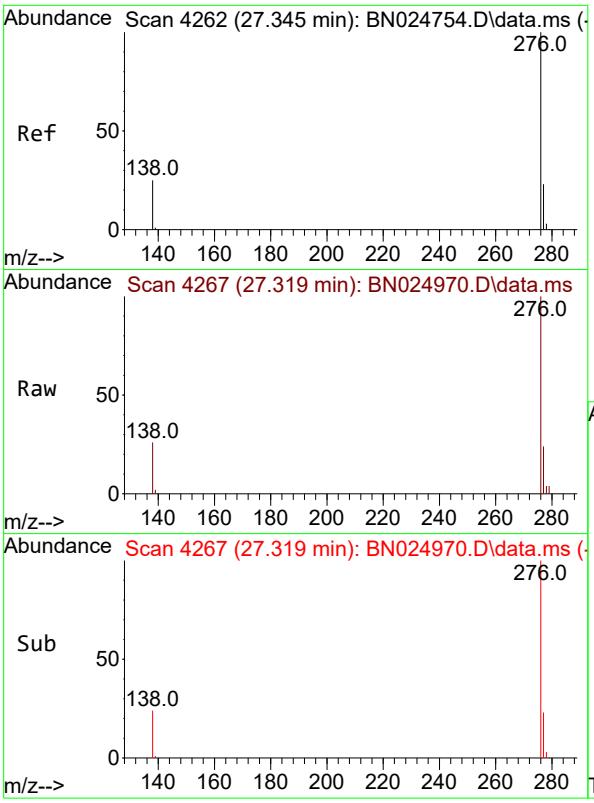


#40
Dibenzo(a,h)anthracene
Concen: 0.360 ng
RT: 26.559 min Scan# 4007
Delta R.T. 0.004 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Tgt Ion:278 Resp: 22986

Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.1	25.7
279	26.8	20.7	31.1





#41
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 27.319 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN024970.D
Acq: 18 Apr 2023 09:54

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26151

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	25.6	20.9	31.3