Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024982.D
Acq On : 18 Apr 2023 17:19
Operator : CG/JU
Sample : PB152169BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Quant Time: Apr 18 19:00:18 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	9487	0.400	ng		0.00
7) Naphthalene-d8	10.739	136	28614	0.400	ng		#-0.01
13) Acenaphthene-d10	14.576	164	15174	0.400	ng		0.00
19) Phenanthrene-d10	17.323	188	32399	0.400	ng		# 0.00
29) Chrysene-d12	21.517	240	26121	0.400	ng		# 0.00
35) Perylene-d12	23.957	264	22471	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.484	112	9215	0.421	ng		0.00
5) Phenol-d6	7.095	99	12224	0.442	ng		0.00
8) Nitrobenzene-d5	9.095	82	9607	0.417	ng		-0.01
11) 2-Methylnaphthalene-d10	12.332	152	15934	0.420	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	2884	0.423	ng		0.00
15) 2-Fluorobiphenyl	13.197	172	25495	0.440	ng		-0.01
27) Fluoranthene-d10	19.355	212	31342	0.427	ng		0.00
31) Terphenyl-d14	19.949	244	29083	0.491	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	4313	0.414	ng		97
3) n-Nitrosodimethylamine	3.679	42	7142	0.404	ng		96
6) bis(2-Chloroethyl)ether	7.355	93	11536	0.412	ng		97
9) Naphthalene	10.792	128	31667	0.430	ng		100
10) Hexachlorobutadiene	11.081	225	6082	0.433	ng	#	100
12) 2-Methylnaphthalene	12.404	142	21138	0.413	ng		99
16) Acenaphthylene	14.298	152	27251	0.427	ng		99
17) Acenaphthene	14.640	154	18548	0.430	ng		99
18) Fluorene	15.624	166	24861	0.420	ng		99
20) 4,6-Dinitro-2-methylph...	15.710	198	972	0.335	ng		92
21) 4-Bromophenyl-phenylether	16.516	248	7762	0.407	ng	#	92
22) Hexachlorobenzene	16.628	284	9353	0.433	ng		100
23) Atrazine	16.777	200	5023	0.386	ng	#	93
24) Pentachlorophenol	16.976	266	3237	0.564	ng		93
25) Phenanthrene	17.360	178	39365	0.418	ng		100
26) Anthracene	17.460	178	32940	0.402	ng		100
28) Fluoranthene	19.384	202	44204	0.414	ng		99
30) Pyrene	19.751	202	44931	0.484	ng		100
32) Benzo(a)anthracene	21.500	228	36718	0.416	ng		99
33) Chrysene	21.553	228	40652	0.439	ng		99
34) Bis(2-ethylhexyl)phtha...	21.419	149	18635	0.393	ng		100
36) Indeno(1,2,3-cd)pyrene	26.489	276	33797	0.343	ng		99
37) Benzo(b)fluoranthene	23.208	252	36569	0.429	ng		100
38) Benzo(k)fluoranthene	23.258	252	35517	0.420	ng		100
39) Benzo(a)pyrene	23.848	252	33502	0.411	ng		96
40) Dibenzo(a,h)anthracene	26.509	278	26601	0.343	ng		98
41) Benzo(g,h,i)perylene	27.263	276	29666	0.353	ng		99

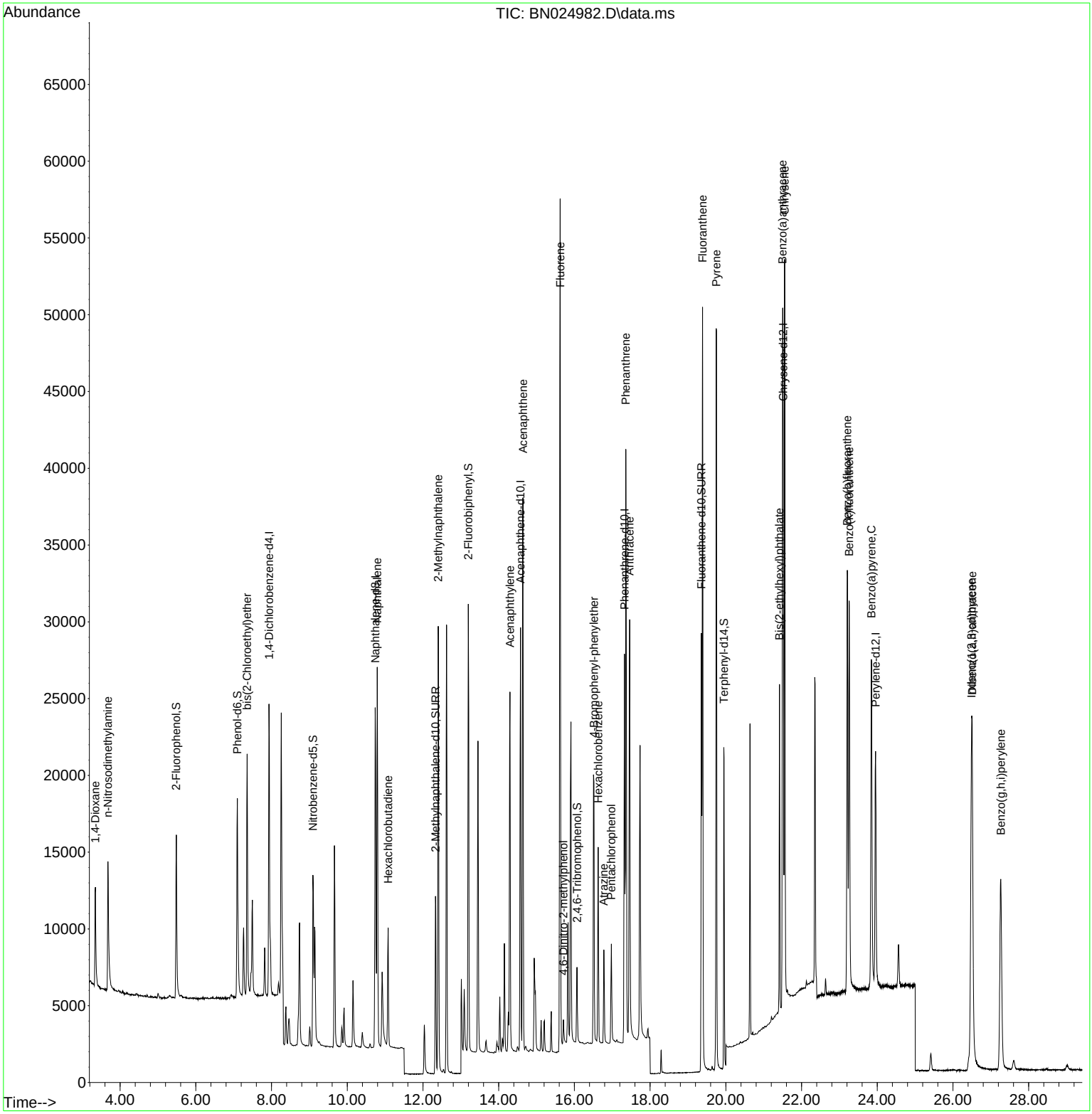
(#) = qualifier out of range (m) = manual integration (+) = signals summed

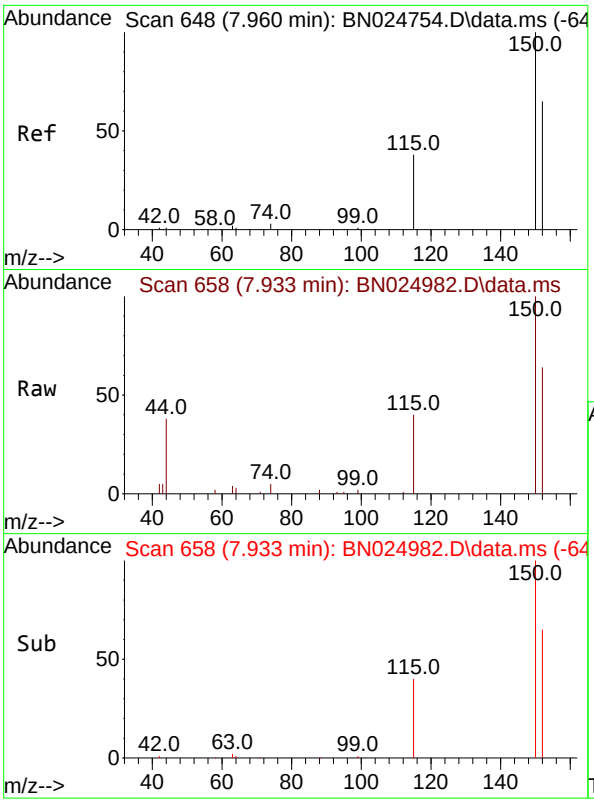
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024982.D
Acq On : 18 Apr 2023 17:19
Operator : CG/JU
Sample : PB152169BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Quant Time: Apr 18 19:00:18 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



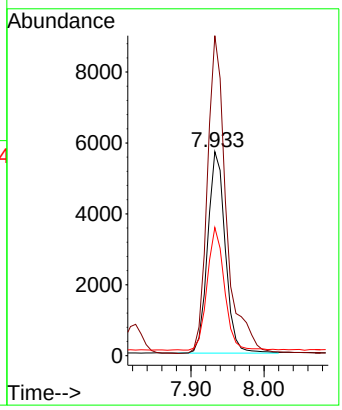


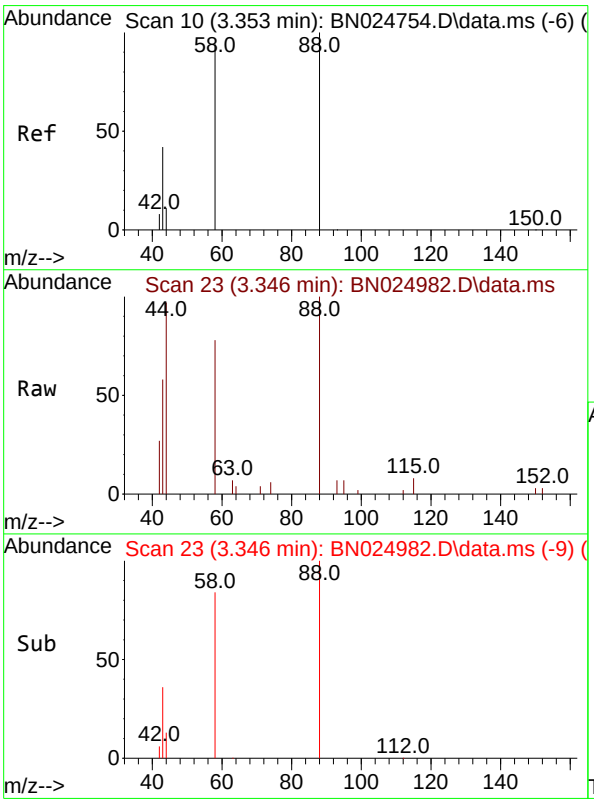
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.933 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:152 Resp: 9487

Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.8	182.8
115	62.8	48.3	72.5

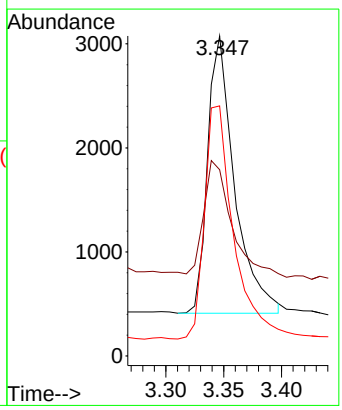


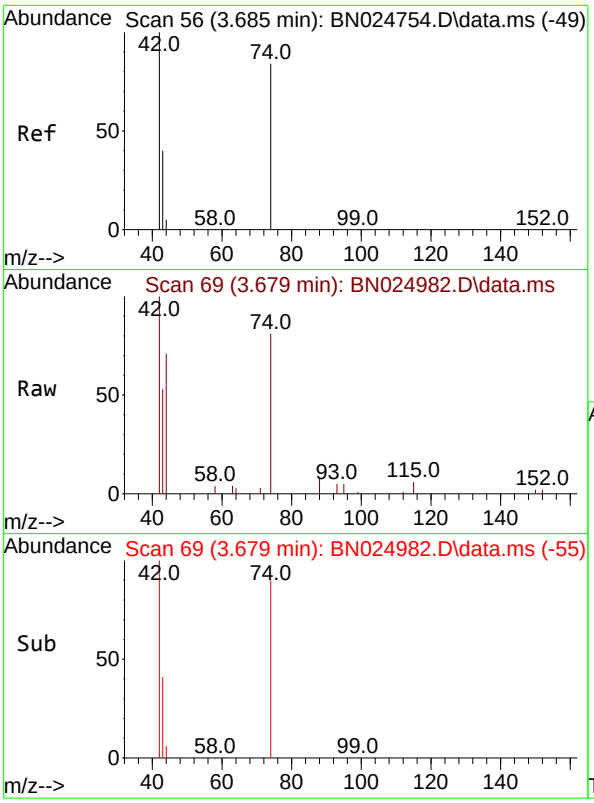


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.346 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion: 88 Resp: 4313

Ion	Ratio	Lower	Upper
88	100		
43	40.2	35.2	52.8
58	90.4	71.4	107.2



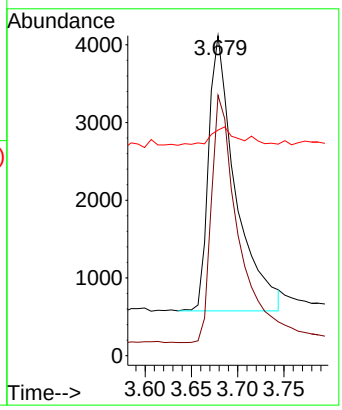


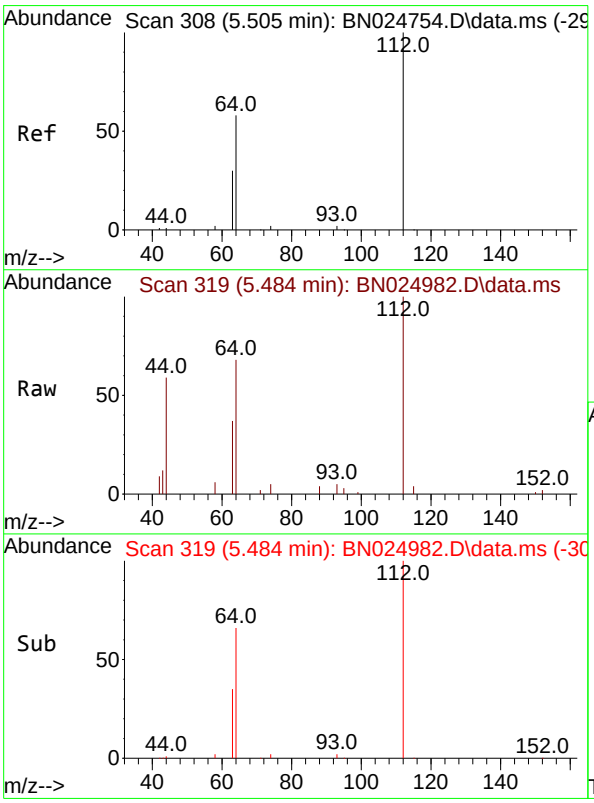
#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.679 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion: 42 Resp: 7142

Ion	Ratio	Lower	Upper
42	100		
74	89.8	74.8	112.2
44	7.8	7.4	11.0

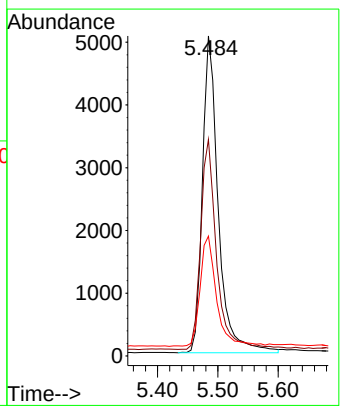


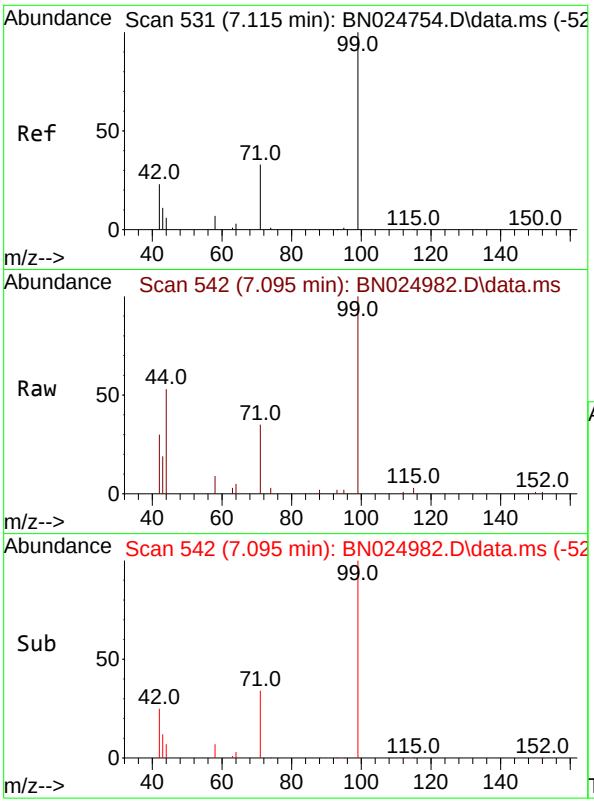


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.484 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:112 Resp: 9215

Ion	Ratio	Lower	Upper
112	100		
64	66.9	52.5	78.7
63	36.2	27.9	41.9



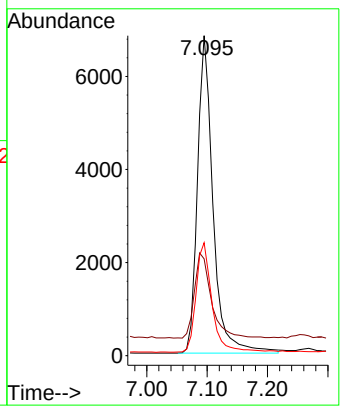


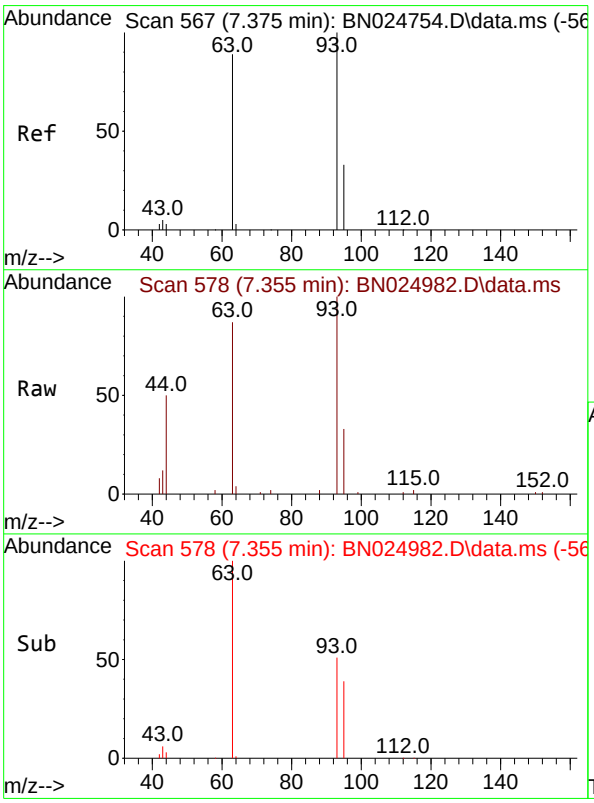
#5
Phenol-d6
Concen: 0.442 ng
RT: 7.095 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion: 99 Resp: 12224

Ion	Ratio	Lower	Upper
99	100		
42	29.3	22.8	34.2
71	35.5	28.2	42.2

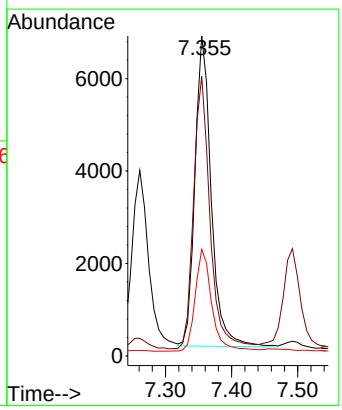


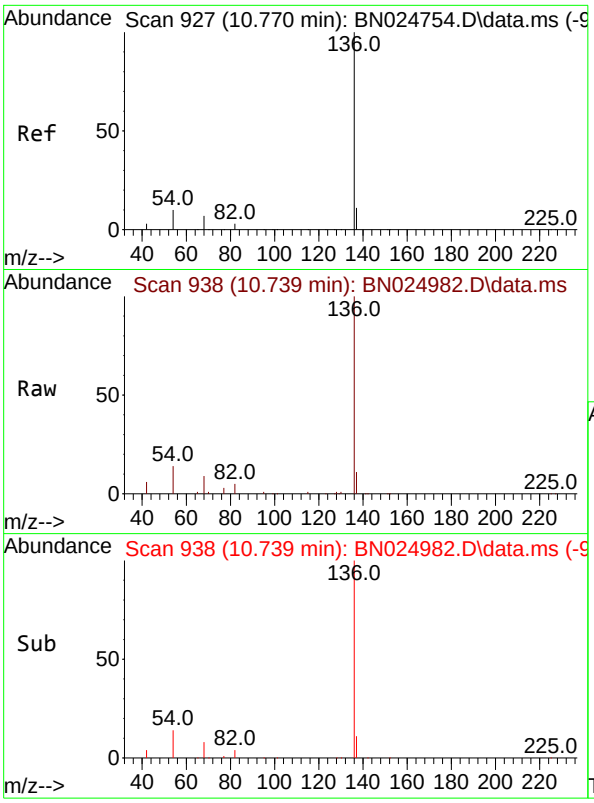


#6
bis(2-Chloroethyl)ether
Concen: 0.412 ng
RT: 7.355 min Scan# 578
Delta R.T. -0.007 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion: 93 Resp: 11536

Ion	Ratio	Lower	Upper
93	100		
63	88.6	68.8	103.2
95	33.3	25.4	38.2



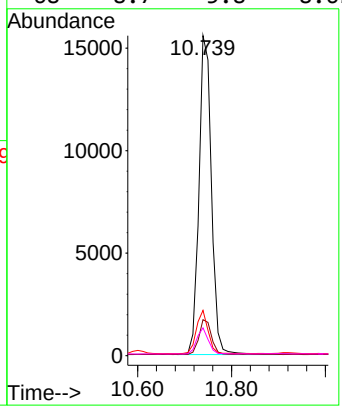


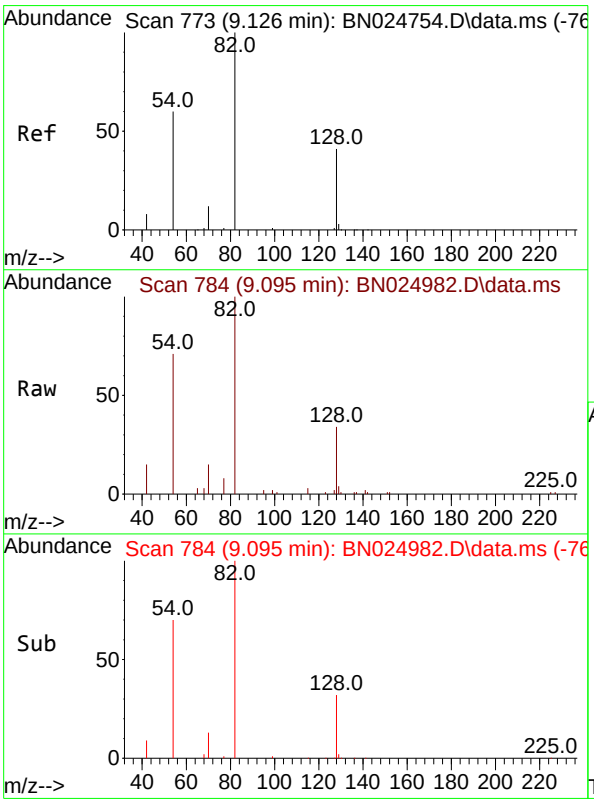
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.739 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:136 Resp: 28614

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	14.2	8.2	12.4#
68	8.7	5.8	8.6#

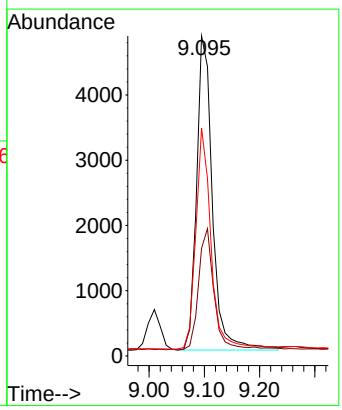


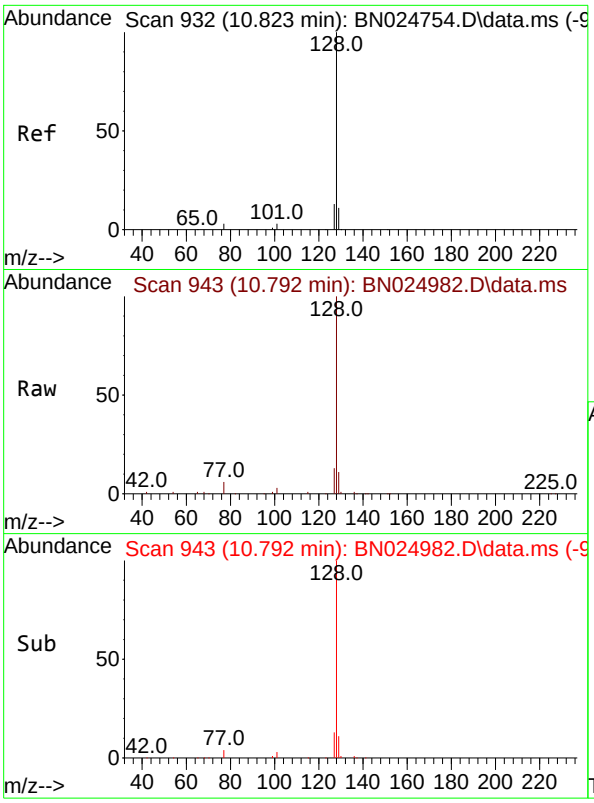


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.095 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion: 82 Resp: 9607

Ion	Ratio	Lower	Upper
82	100		
128	33.6	33.8	50.6#
54	71.2	49.4	74.0



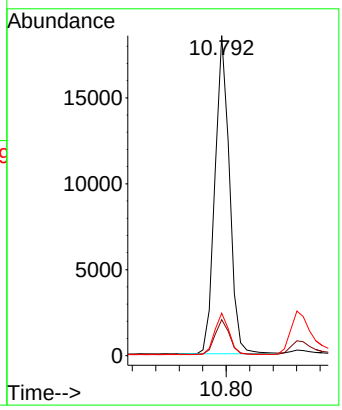


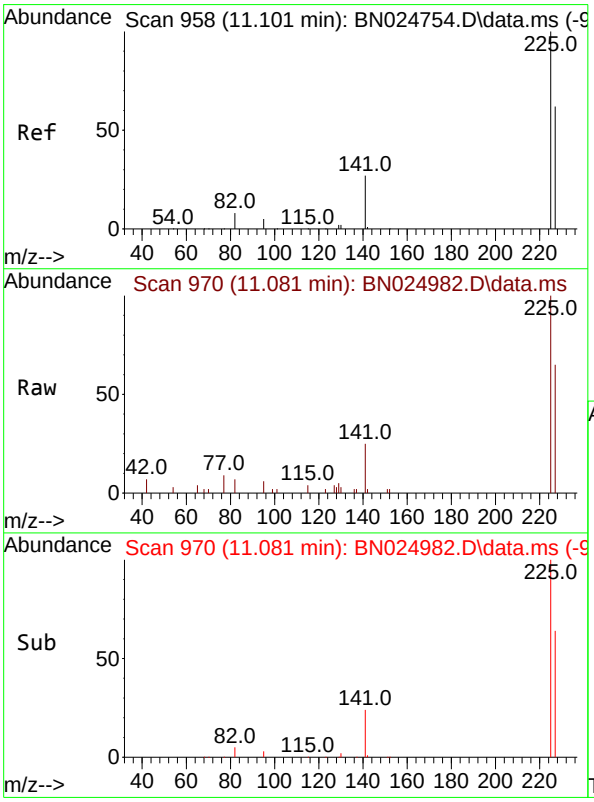
#9
Naphthalene
Concen: 0.430 ng
RT: 10.792 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:128 Resp: 31667

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.4	15.6

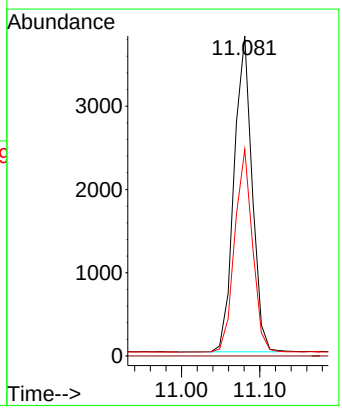


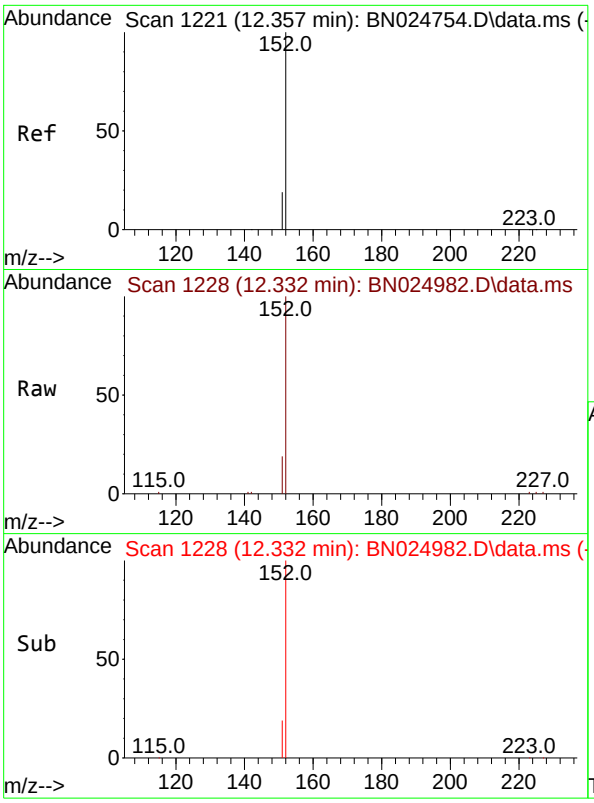


#10
Hexachlorobutadiene
Concen: 0.433 ng
RT: 11.081 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:225 Resp: 6082

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.5	75.7



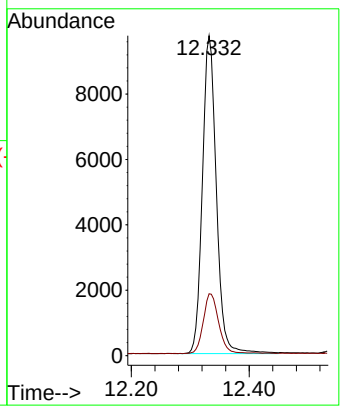


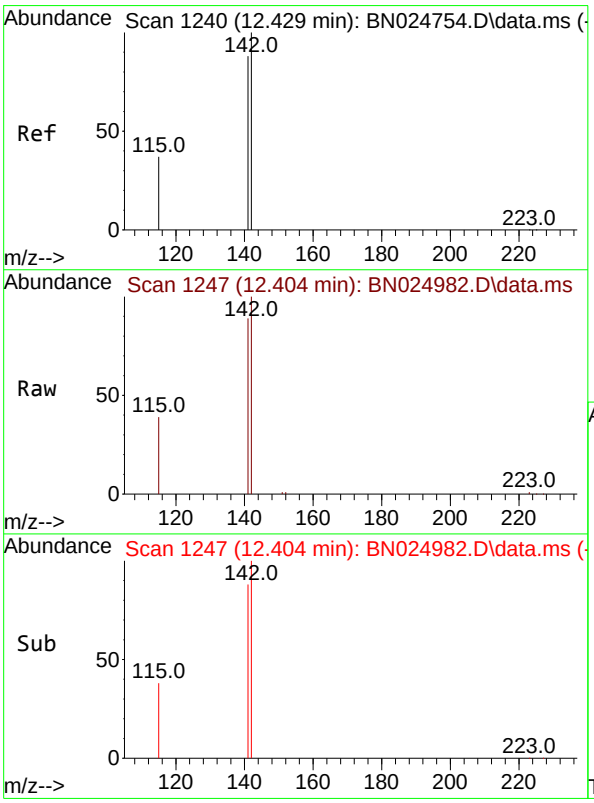
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.332 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:152 Resp: 15934

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0

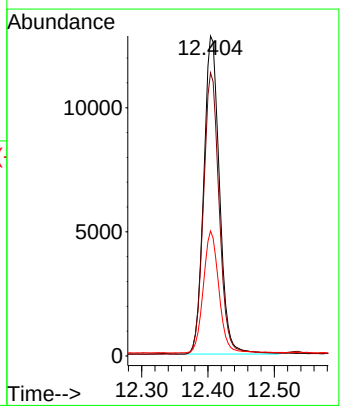


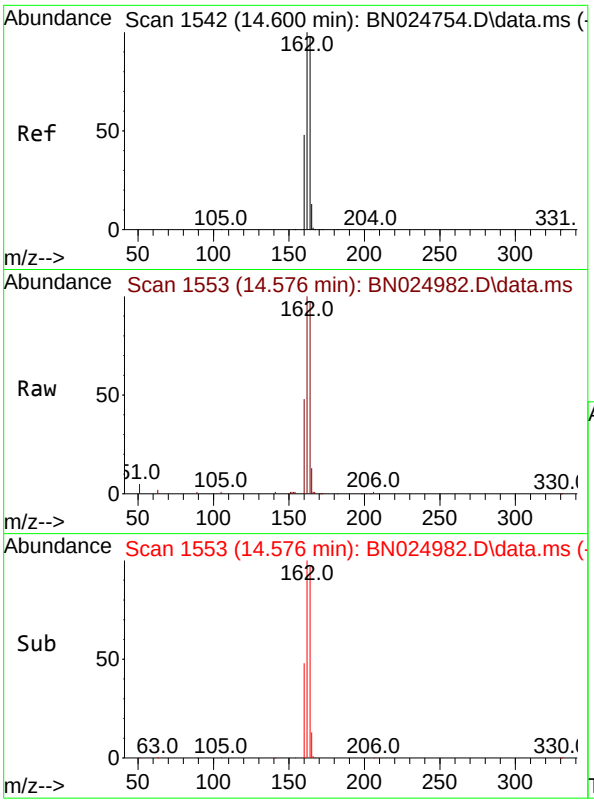


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.404 min Scan# 1247
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:142 Resp: 21138

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.5	105.7
115	39.1	30.2	45.2



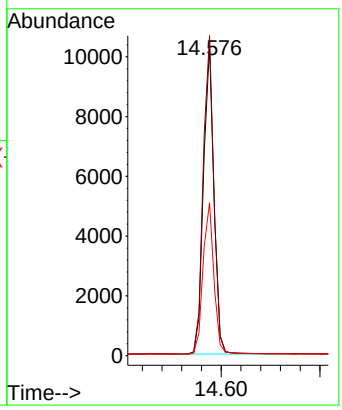


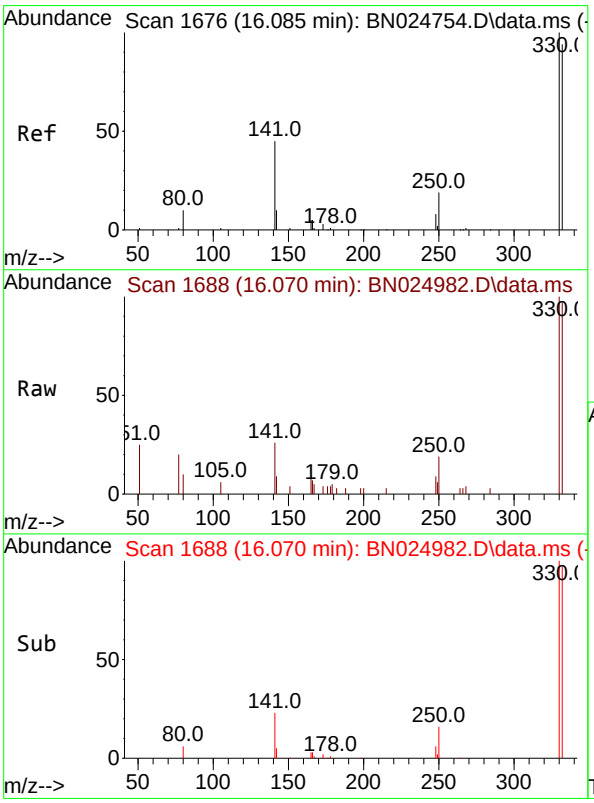
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:164 Resp: 15174

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.9	122.9
160	49.3	39.2	58.8

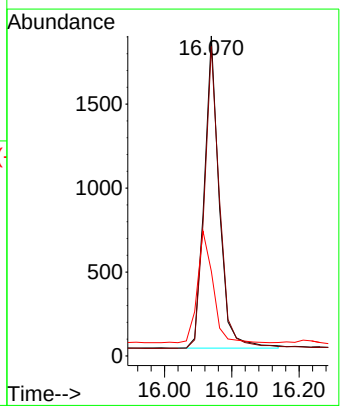


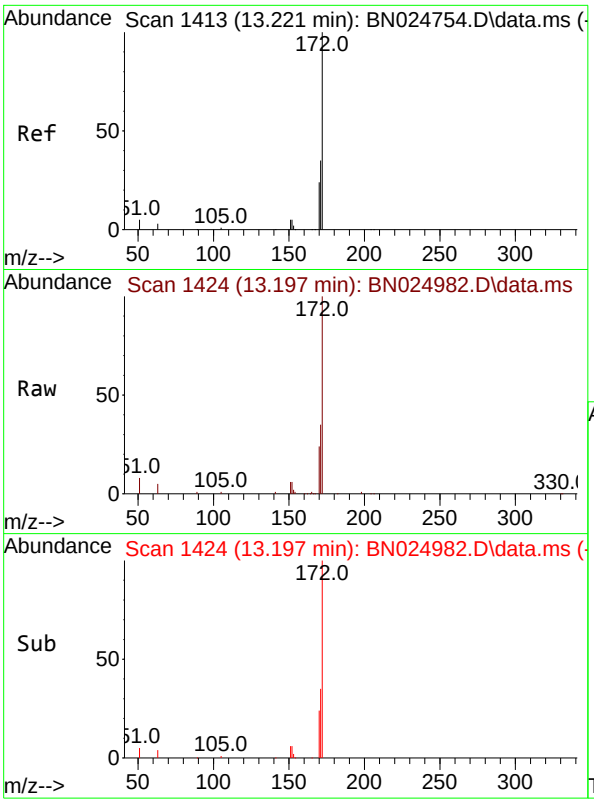


#14
2,4,6-Tribromophenol
Concen: 0.423 ng
RT: 16.070 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:330 Resp: 2884

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.9	116.9
141	36.9	31.0	46.6



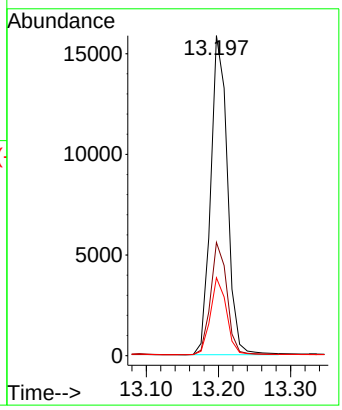


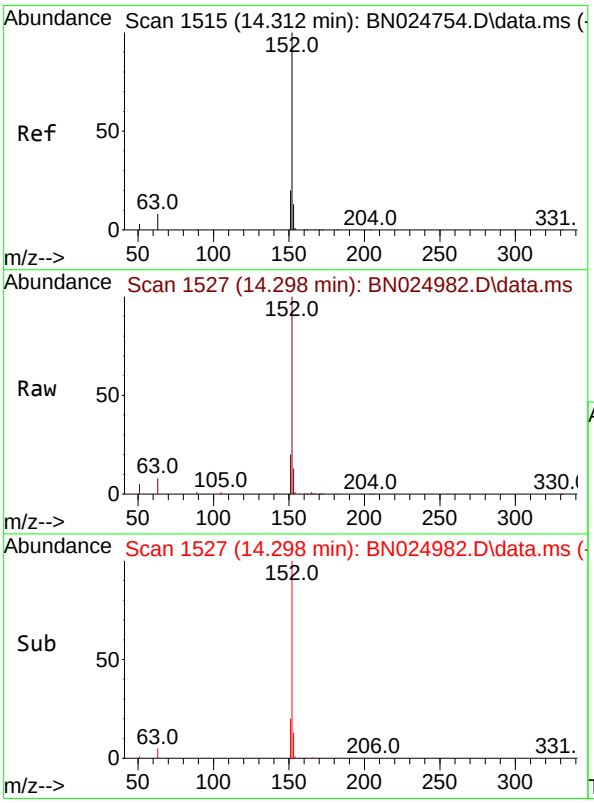
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.197 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:172 Resp: 25495

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.2
170	24.4	19.2	28.8

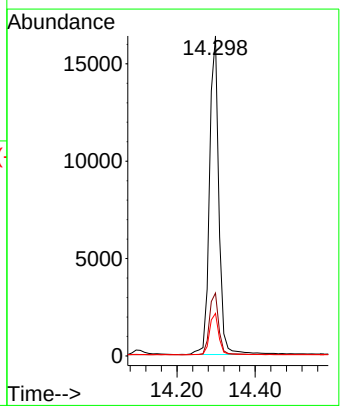


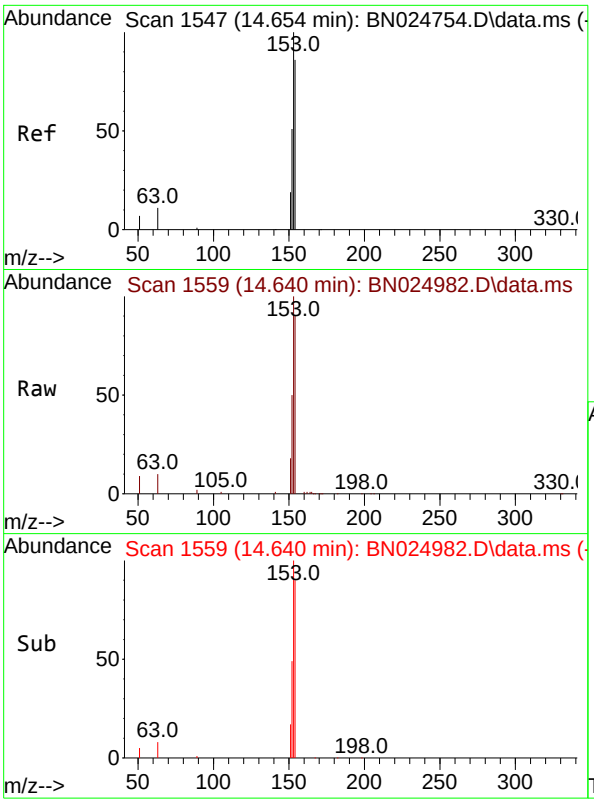


#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.298 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:152 Resp: 27251

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.3	22.9
153	13.0	10.3	15.5



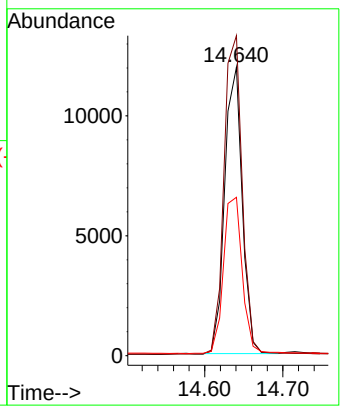


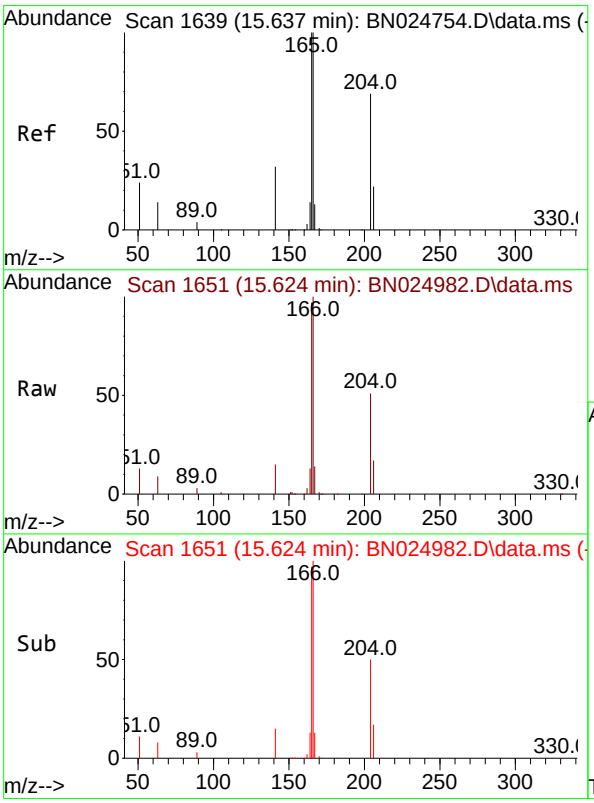
#17
Acenaphthene
Concen: 0.430 ng
RT: 14.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:154 Resp: 18548

Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.2	138.4
152	59.2	47.1	70.7

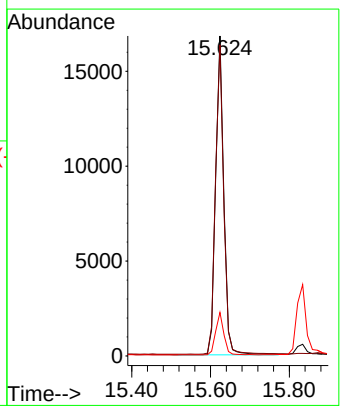


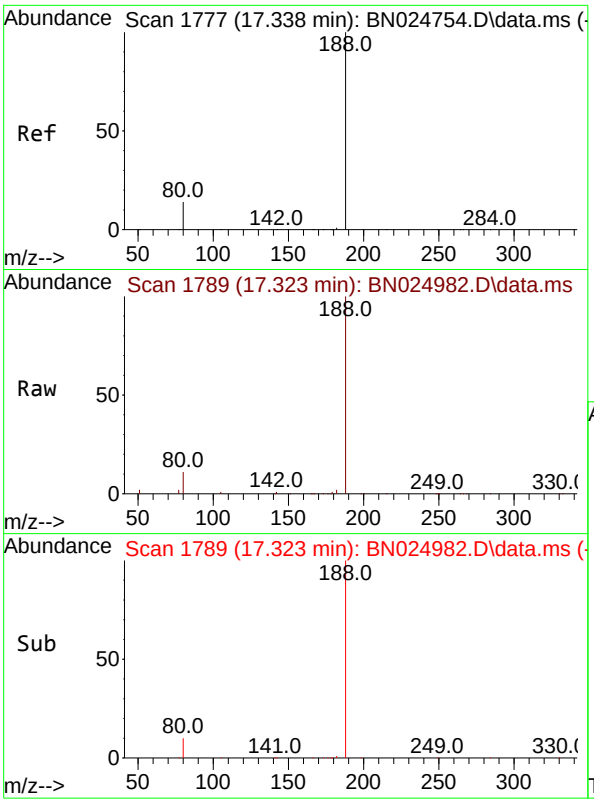


#18
Fluorene
Concen: 0.420 ng
RT: 15.624 min Scan# 1651
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:166 Resp: 24861

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.3	117.5
167	13.3	10.4	15.6



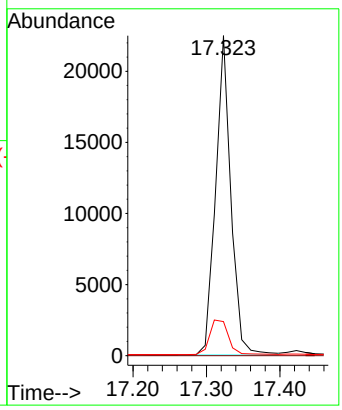


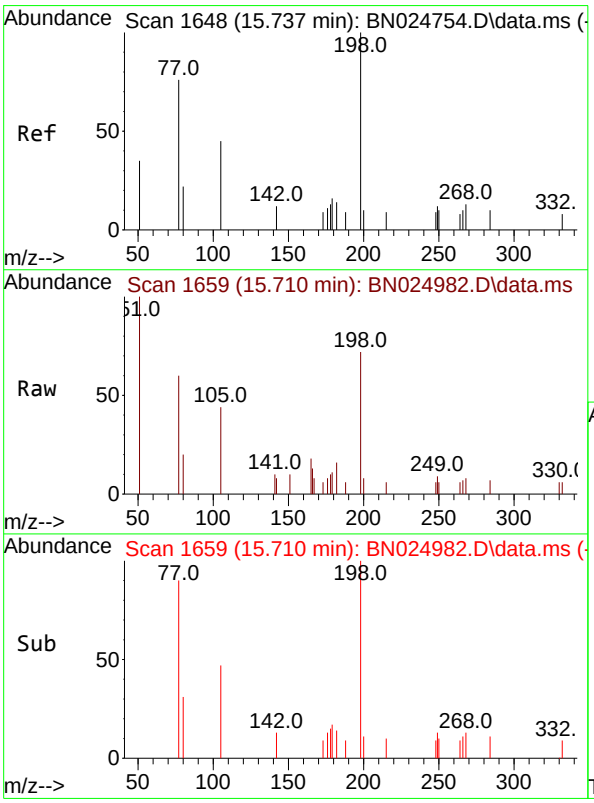
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.323 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:188 Resp: 32399

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	11.3	16.9#

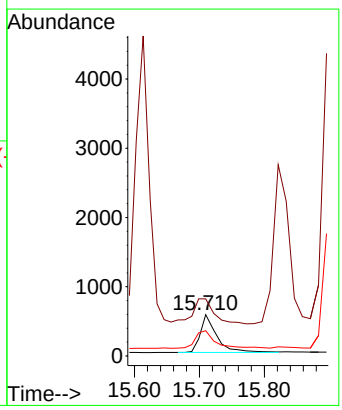


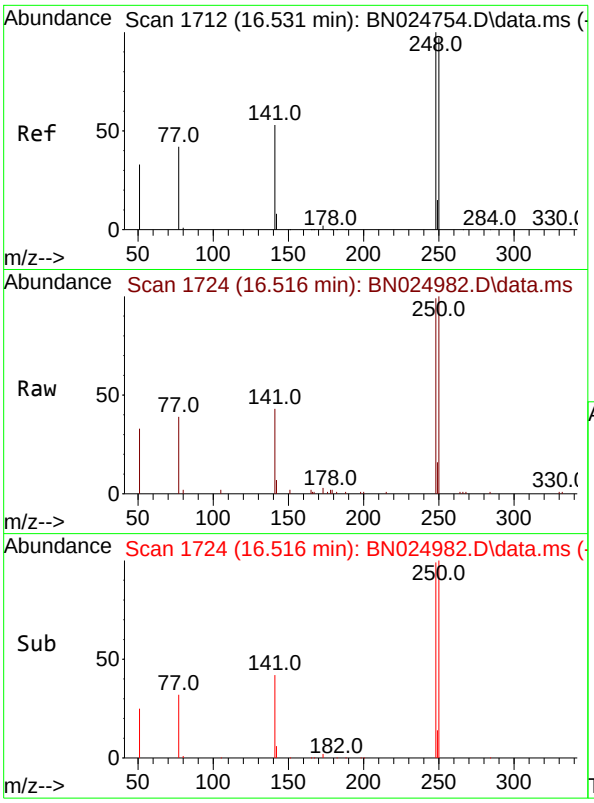


#20
4,6-Dinitro-2-methylphenol
Concen: 0.335 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:198 Resp: 972

Ion	Ratio	Lower	Upper
198	100		
51	138.4	99.8	149.8
105	61.4	49.4	74.0



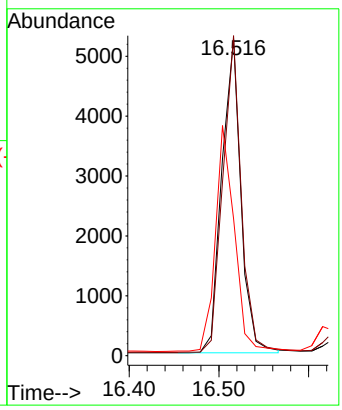


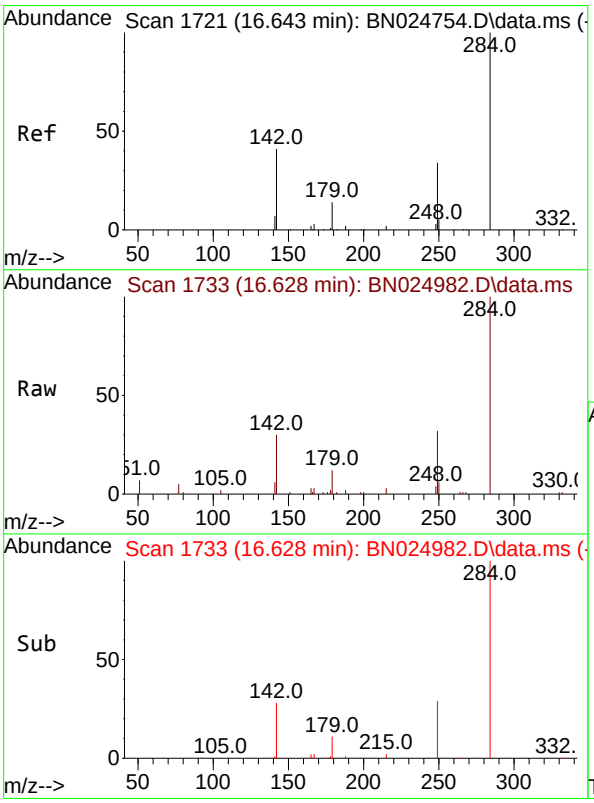
#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.516 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:248 Resp: 7762

Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.7	116.5
141	43.3	43.4	65.2#

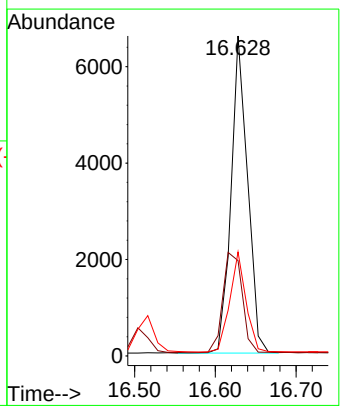


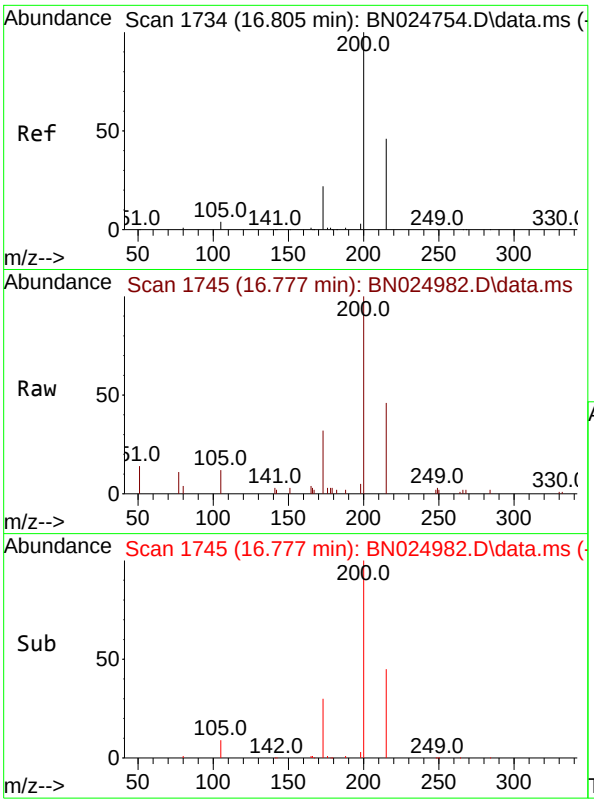


#22
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.628 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:284 Resp: 9353

Ion	Ratio	Lower	Upper
284	100		
142	37.1	29.6	44.4
249	30.9	24.6	37.0



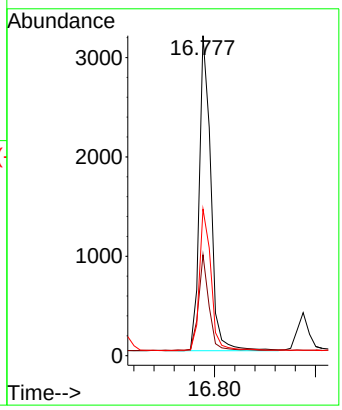


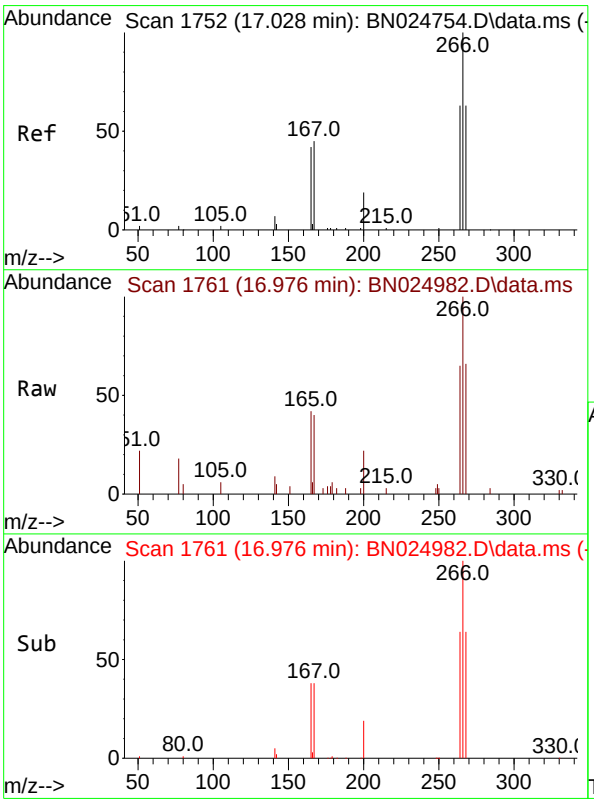
#23
Atrazine
Concen: 0.386 ng
RT: 16.777 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:200 Resp: 5023

Ion	Ratio	Lower	Upper
200	100		
173	31.5	18.4	27.6#
215	45.8	37.6	56.4

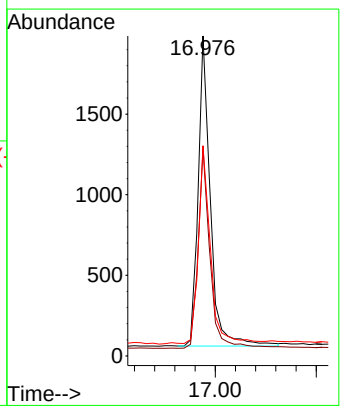


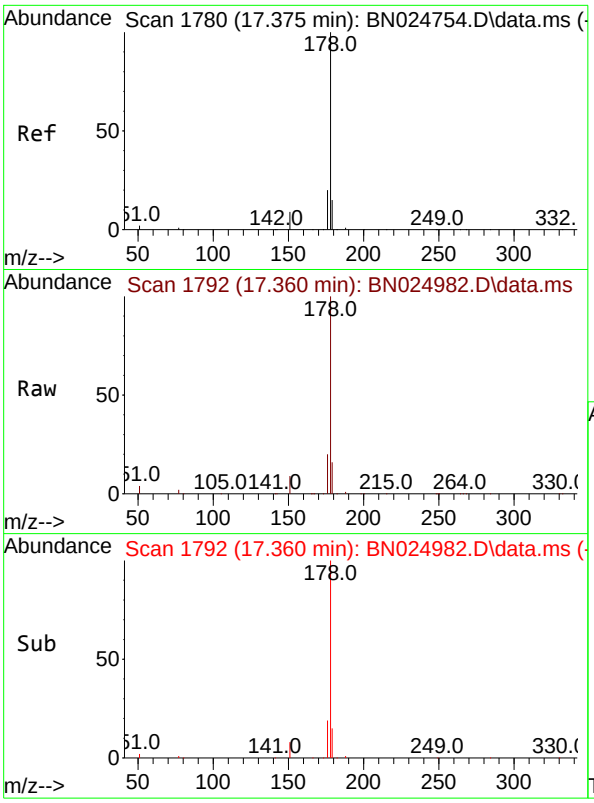


#24
Pentachlorophenol
Concen: 0.564 ng
RT: 16.976 min Scan# 1761
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:266 Resp: 3237

Ion	Ratio	Lower	Upper
266	100		
264	62.7	46.1	69.1
268	62.9	46.7	70.1



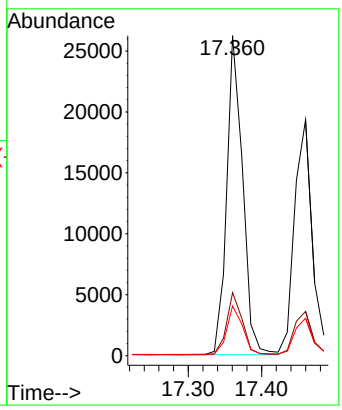


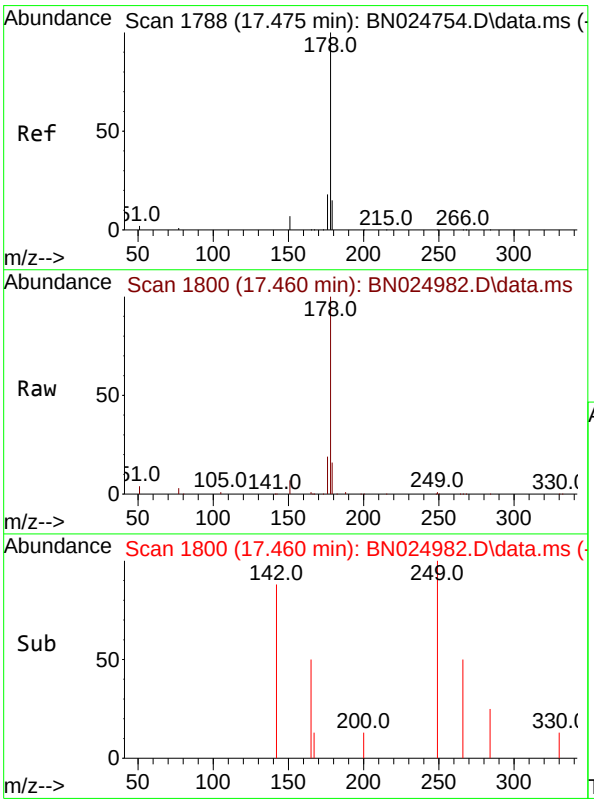
#25
Phenanthrene
Concen: 0.418 ng
RT: 17.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:178 Resp: 39365

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.2	18.2

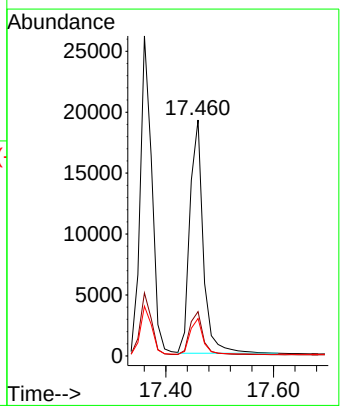


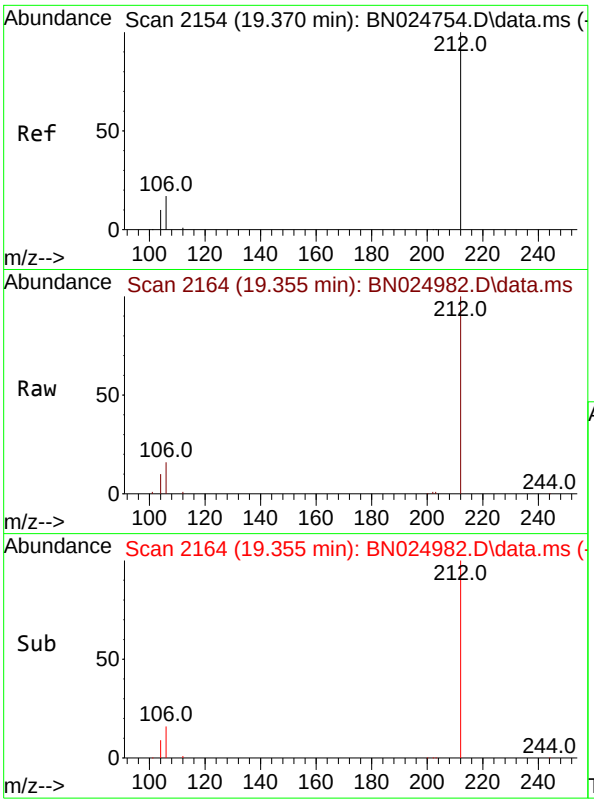


#26
Anthracene
Concen: 0.402 ng
RT: 17.460 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:178 Resp: 32940

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.4	18.6



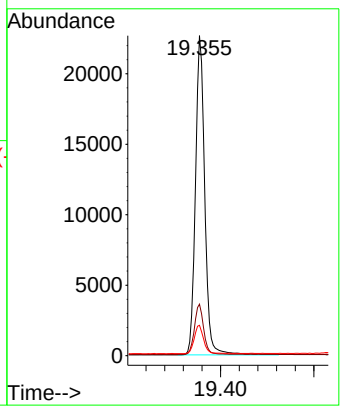


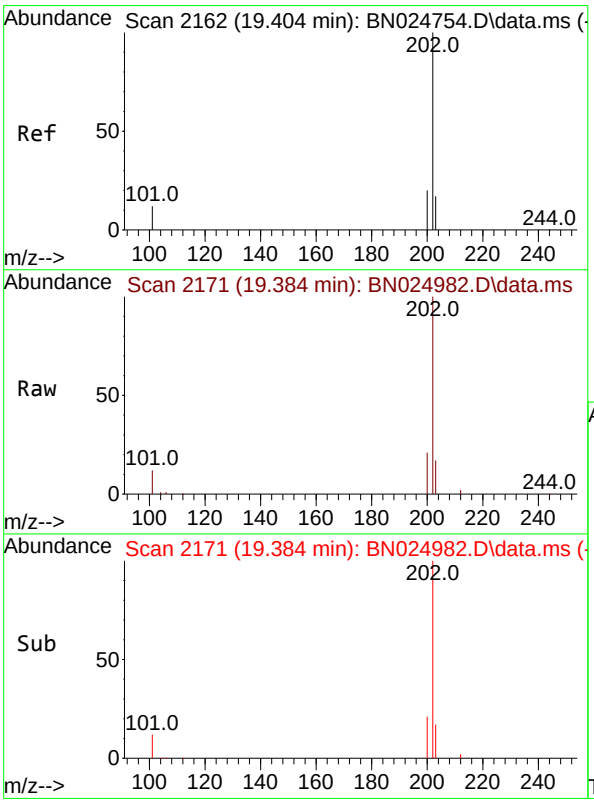
#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 19.355 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:212 Resp: 31342

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.2	19.8
104	8.9	7.6	11.4

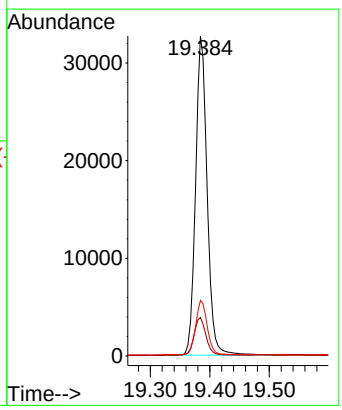


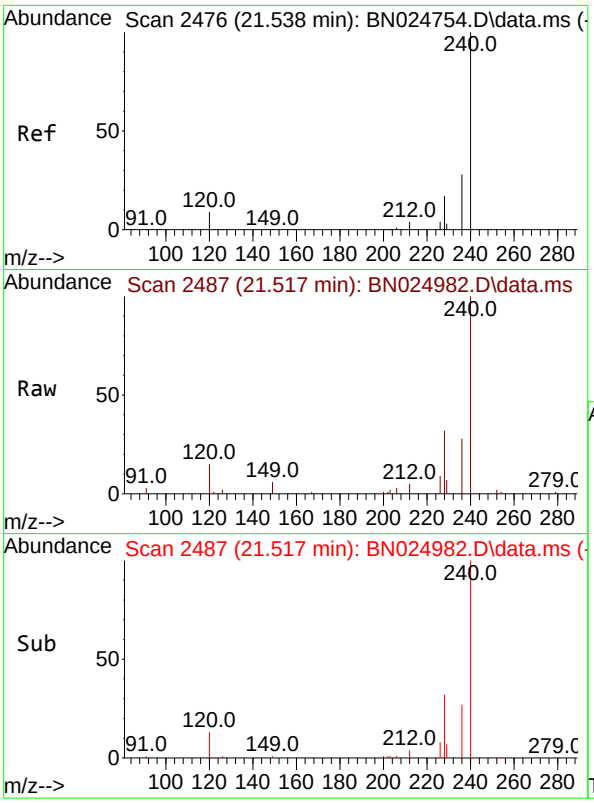


#28
Fluoranthene
Concen: 0.414 ng
RT: 19.384 min Scan# 2171
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:202 Resp: 44204

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.4
203	17.0	13.4	20.2



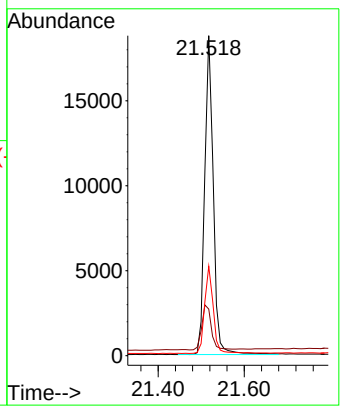


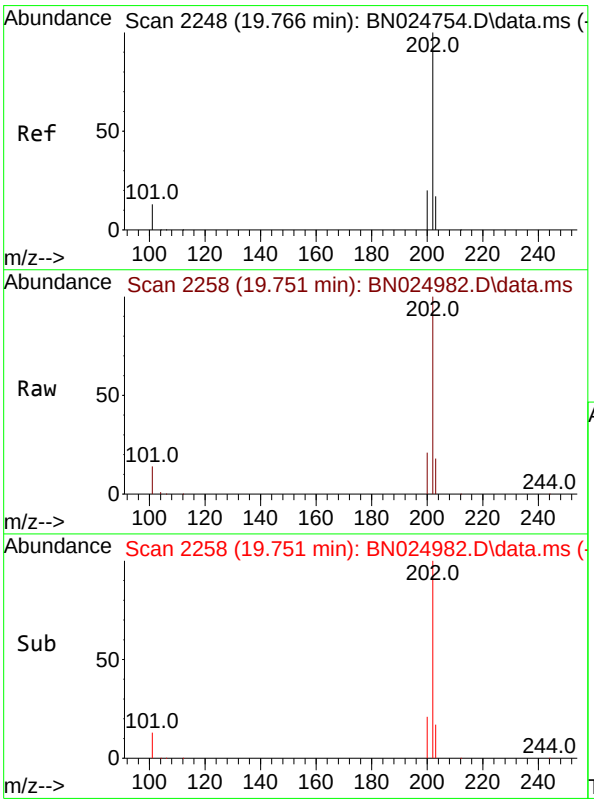
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.517 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:240 Resp: 26121

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.8	13.2#
236	27.9	22.6	34.0

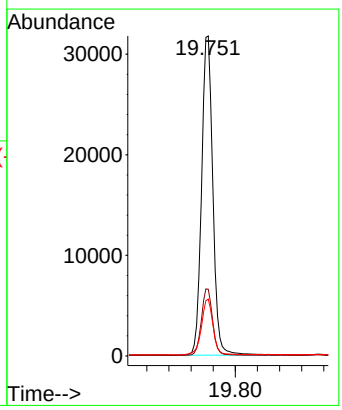


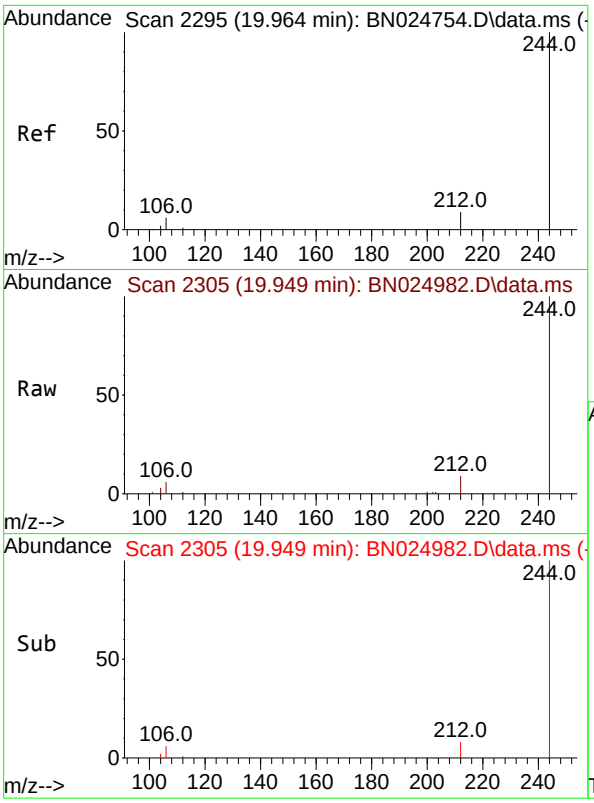


#30
Pyrene
Concen: 0.484 ng
RT: 19.751 min Scan# 2258
Delta R.T. -0.000 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:202 Resp: 44931

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



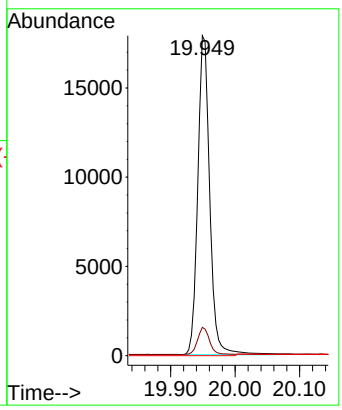


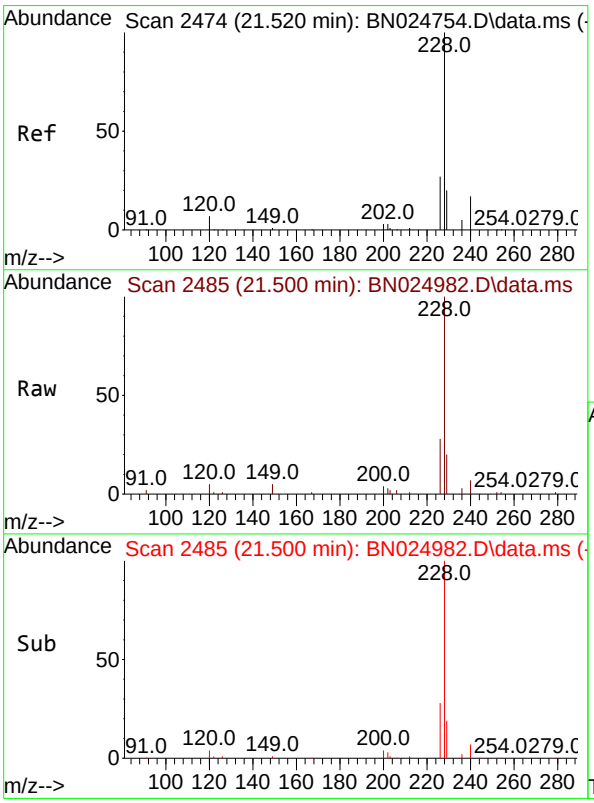
#31
Terphenyl-d14
Concen: 0.491 ng
RT: 19.949 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:244 Resp: 29083

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	0.0	0.0	0.0

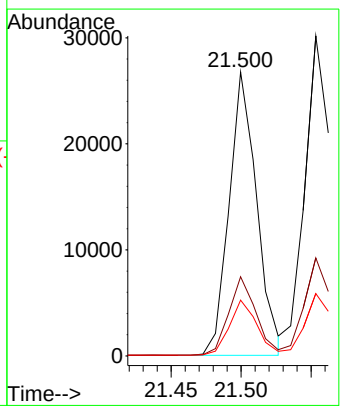


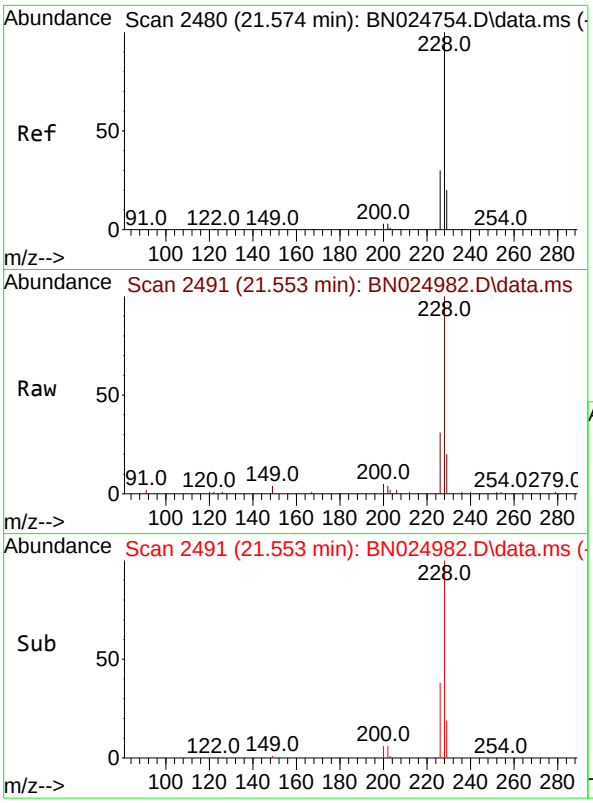


#32
Benzo(a)anthracene
Concen: 0.416 ng
RT: 21.500 min Scan# 2485
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:228 Resp: 36718

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	19.7	16.0	24.0



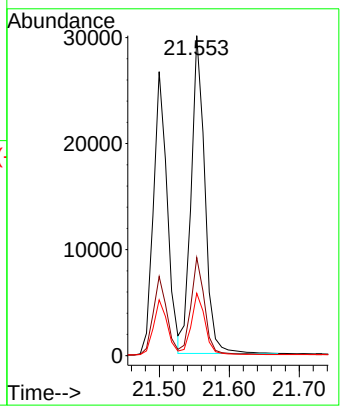


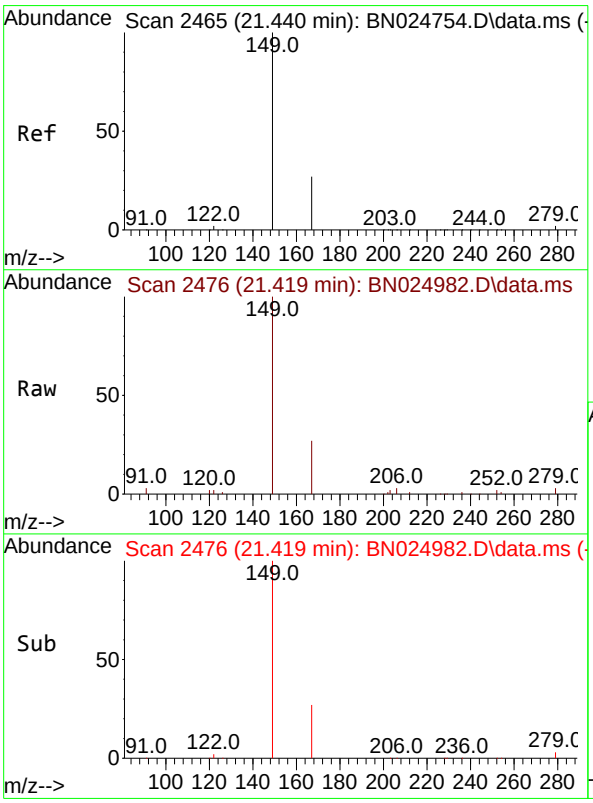
#33
Chrysene
Concen: 0.439 ng
RT: 21.553 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:228 Resp: 40652

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.9	35.9
229	19.5	16.0	24.0

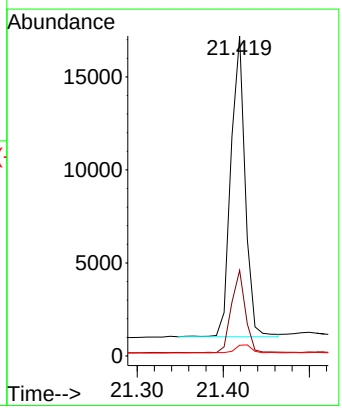


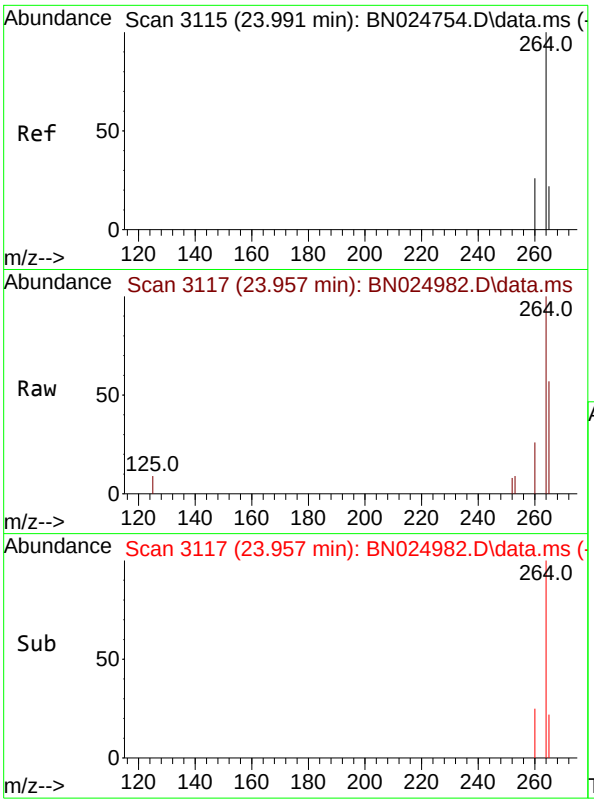


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.393 ng
RT: 21.419 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:149 Resp: 18635

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.4	32.2
279	3.2	2.6	4.0



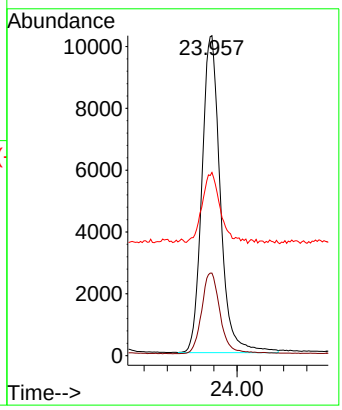


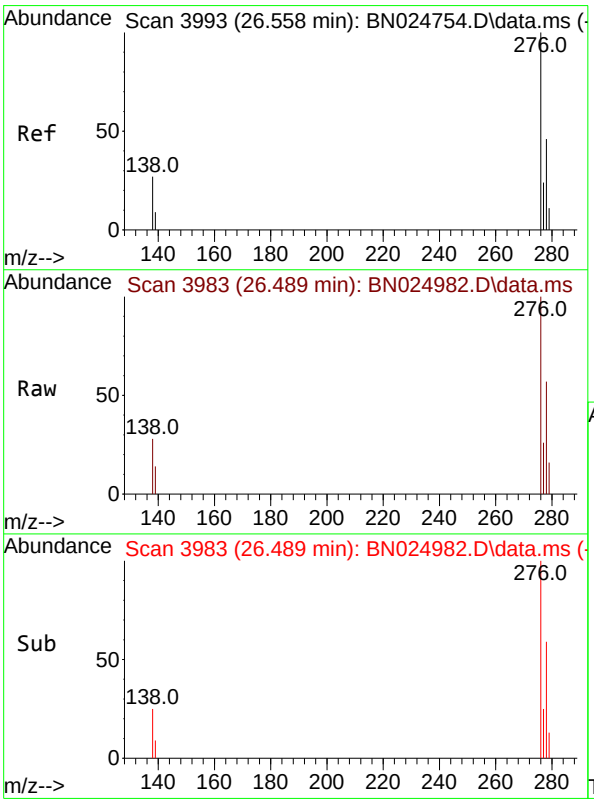
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.957 min Scan# 3
Delta R.T. -0.016 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:264 Resp: 22471

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.8	31.2
265	57.2	46.5	69.7

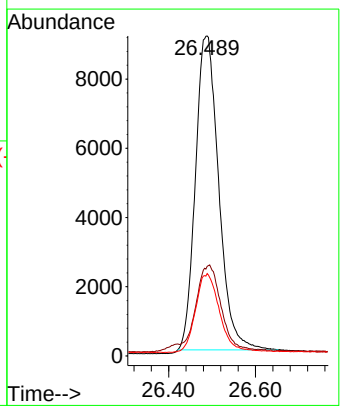


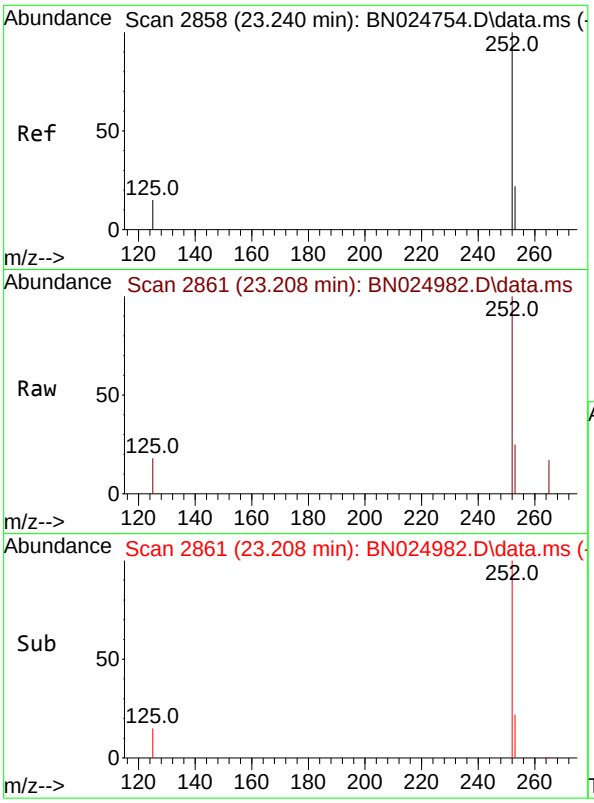


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.343 ng
RT: 26.489 min Scan# 3983
Delta R.T. -0.045 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:276 Resp: 33797

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.4	35.0
277	24.7	19.8	29.8



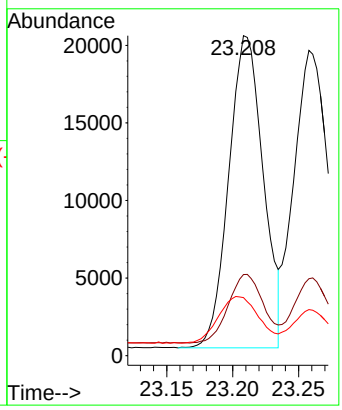


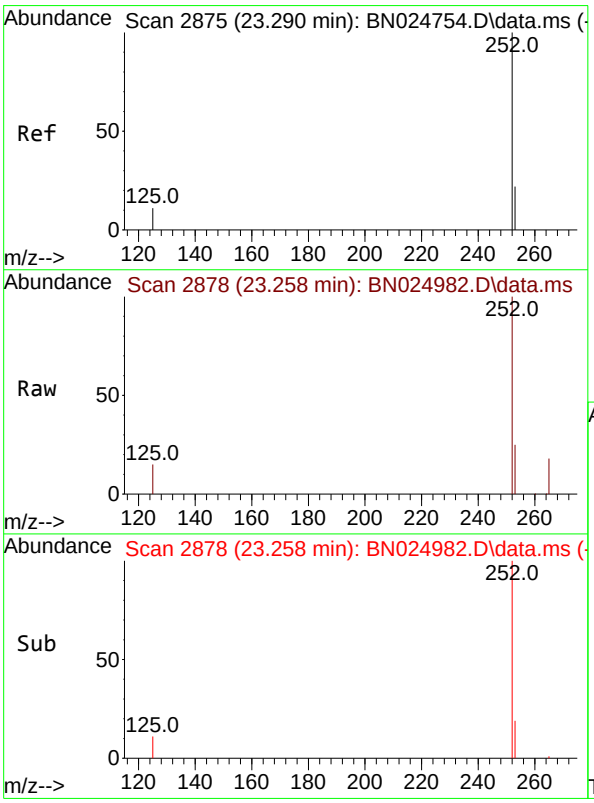
#37
Benzo(b)fluoranthene
Concen: 0.429 ng
RT: 23.208 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:252 Resp: 36569

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.0	30.0
125	18.2	14.6	21.8

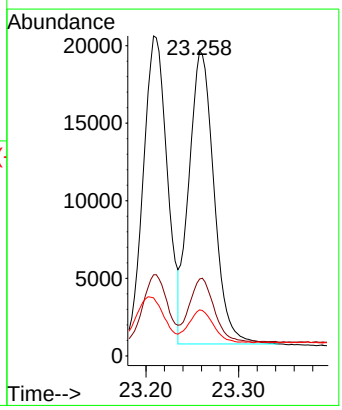


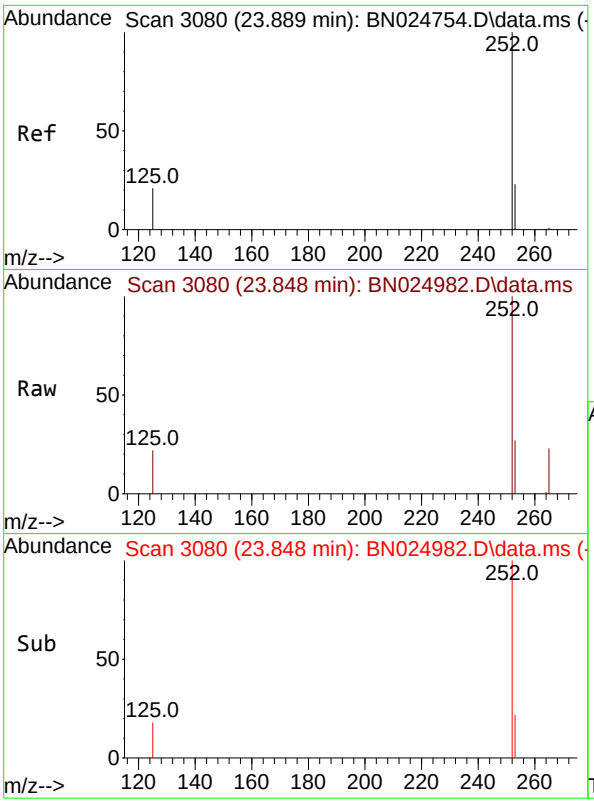


#38
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.258 min Scan# 2878
Delta R.T. -0.013 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:252 Resp: 35517

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.0	30.0
125	15.1	11.9	17.9



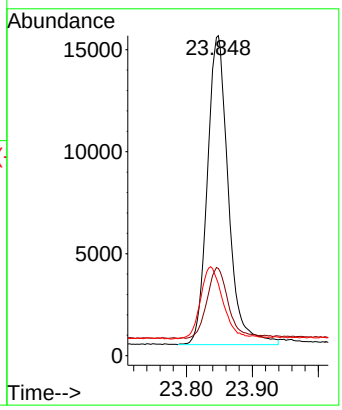


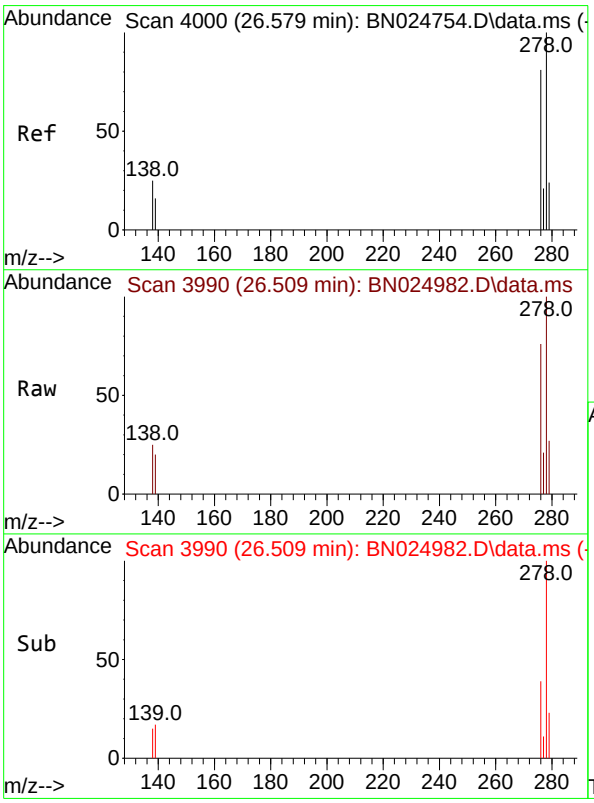
#39
Benzo(a)pyrene
Concen: 0.411 ng
RT: 23.848 min Scan# 3
Delta R.T. -0.019 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:252 Resp: 33502

Ion	Ratio	Lower	Upper
252	100		
253	27.2	21.0	31.6
125	22.5	20.2	30.4

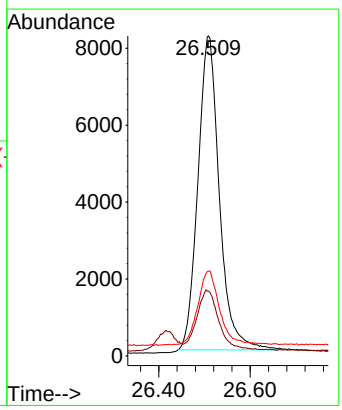


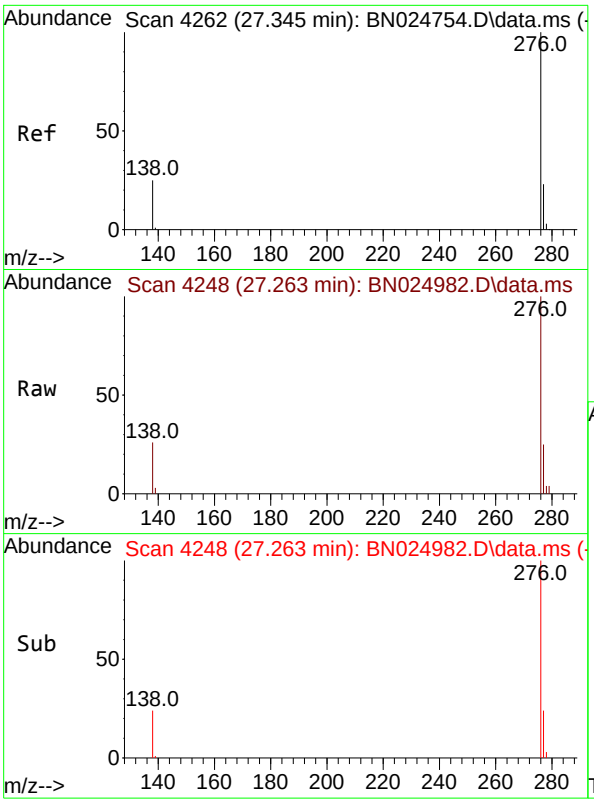


#40
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 26.509 min Scan# 3990
Delta R.T. -0.045 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Tgt Ion:278 Resp: 26601

Ion	Ratio	Lower	Upper
278	100		
139	20.3	17.1	25.7
279	26.5	20.7	31.1





#41
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 27.263 min Scan# 4
Delta R.T. -0.057 min
Lab File: BN024982.D
Acq: 18 Apr 2023 17:19

Instrument :
BNA_N
ClientSampleId :
PB152169BS

Tgt Ion:276 Resp: 29666

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.2	28.8
138	25.6	20.9	31.3