Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026753.D
Acq On : 25 Jul 2023 19:21
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Quant Time: Jul 25 20:46:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	1587	0.400	ng		0.00
7) Naphthalene-d8	10.618	136	5308	0.400	ng		-0.01
13) Acenaphthene-d10	14.459	164	3632	0.400	ng		0.00
19) Phenanthrene-d10	17.207	188	7713	0.400	ng		#-0.01
29) Chrysene-d12	21.408	240	6058	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	7073	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.430	112	475	0.123	ng		0.01
5) Phenol-d6	7.033	99	330	0.067	ng		0.00
8) Nitrobenzene-d5	9.006	82	1143	0.252	ng		-0.03
11) 2-Methylnaphthalene-d10	12.215	152	3520	0.454	ng		-0.01
14) 2,4,6-Tribromophenol	15.966	330	632	0.478	ng		-0.01
15) 2-Fluorobiphenyl	13.080	172	5541	0.395	ng		-0.02
27) Fluoranthene-d10	19.244	212	6757	0.413	ng		0.00
31) Terphenyl-d14	19.839	244	7062	0.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.227	88	6444	3.839	ng	#	91
3) n-Nitrosodimethylamine	3.632	42	147	0.086	ng	#	93
6) bis(2-Chloroethyl)ether	7.264	93	840	0.208	ng		91
9) Naphthalene	10.671	128	5009	0.349	ng		97
10) Hexachlorobutadiene	10.938	225	1143	0.412	ng	#	99
12) 2-Methylnaphthalene	12.287	142	3731	0.369	ng	#	93
16) Acenaphthylene	14.181	152	5903	0.347	ng		99
17) Acenaphthene	14.523	154	3855	0.351	ng		99
18) Fluorene	15.507	166	4799	0.335	ng		99
21) 4-Bromophenyl-phenylether	16.400	248	1945	0.442	ng		99
22) Hexachlorobenzene	16.512	284	1796	0.407	ng		96
23) Atrazine	16.673	200	1873	0.495	ng		93
24) Pentachlorophenol	16.872	266	1771	0.852	ng		96
25) Phenanthrene	17.244	178	8452	0.374	ng		100
26) Anthracene	17.344	178	7528	0.370	ng		99
28) Fluoranthene	19.277	202	9979	0.420	ng	#	90
30) Pyrene	19.639	202	10081	0.300	ng		99
32) Benzo(a)anthracene	21.390	228	8982	0.412	ng		98
33) Chrysene	21.444	228	8793	0.362	ng		98
34) Bis(2-ethylhexyl)phtha...	21.301	149	10575	0.544	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.241	276	9756	0.336	ng	#	85
37) Benzo(b)fluoranthene	23.063	252	8891	0.347	ng	#	90
38) Benzo(k)fluoranthene	23.110	252	9399	0.339	ng	#	88
39) Benzo(a)pyrene	23.680	252	8012	0.318	ng	#	85
40) Dibenzo(a,h)anthracene	26.247	278	7447	0.328	ng	#	86
41) Benzo(g,h,i)perylene	26.998	276	8461	0.319	ng	#	87

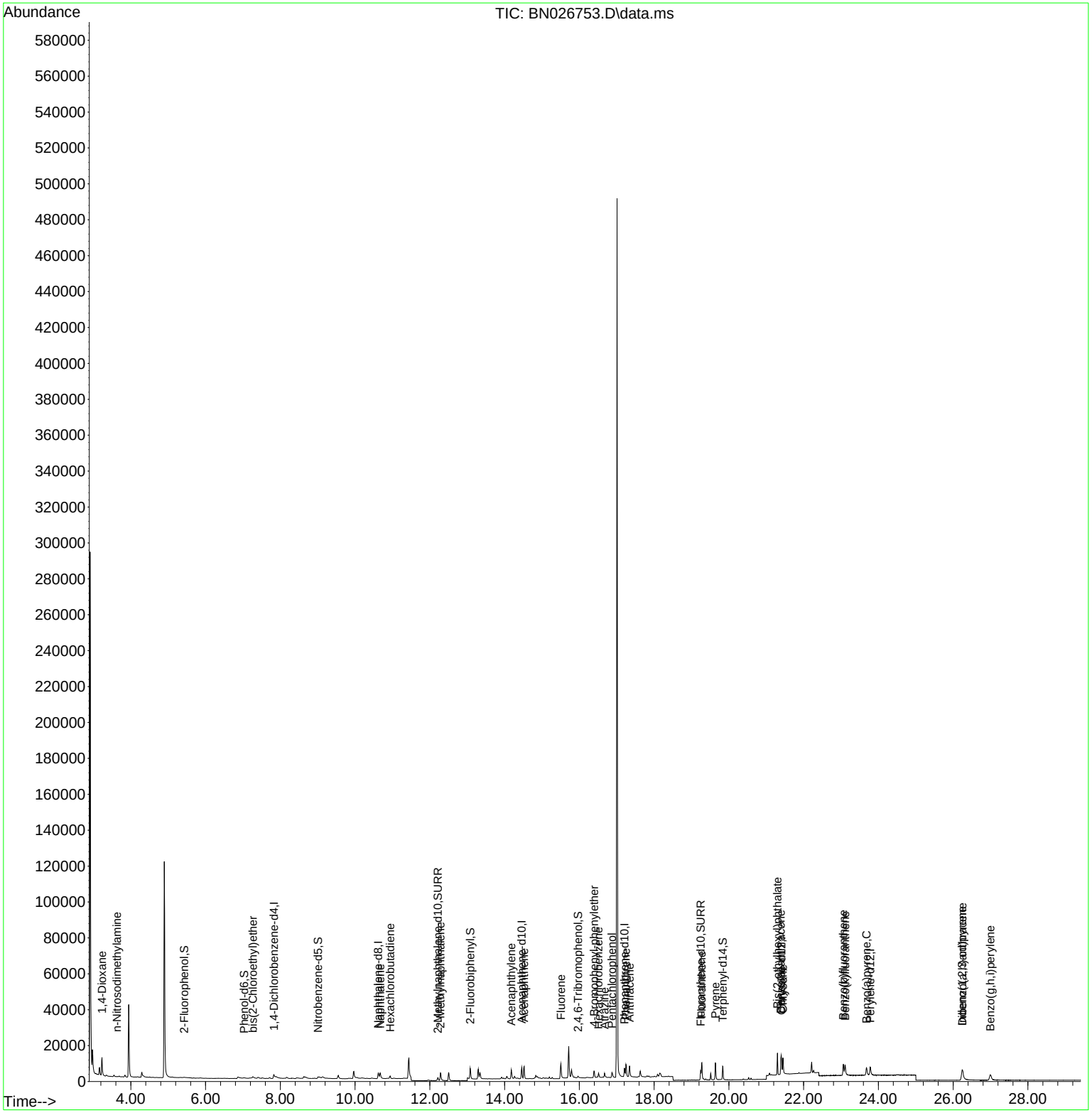
(#) = qualifier out of range (m) = manual integration (+) = signals summed

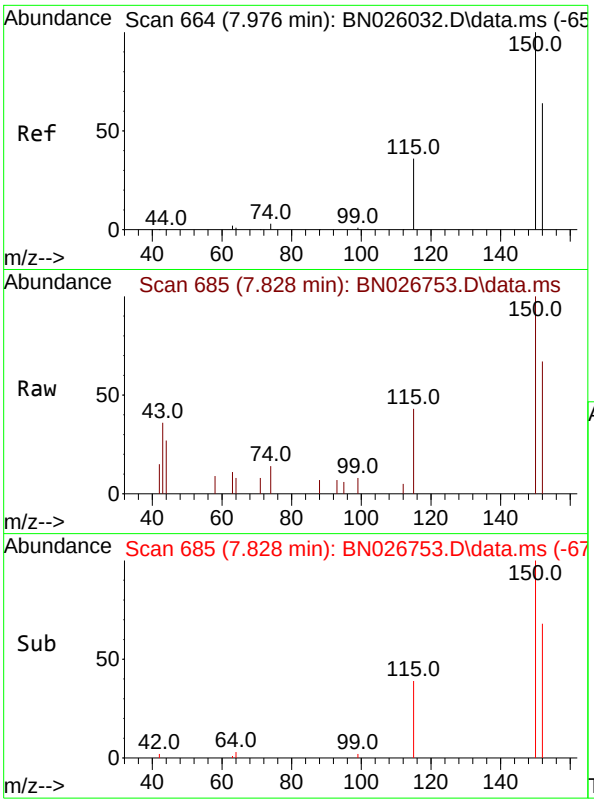
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026753.D
Acq On : 25 Jul 2023 19:21
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Quant Time: Jul 25 20:46:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration



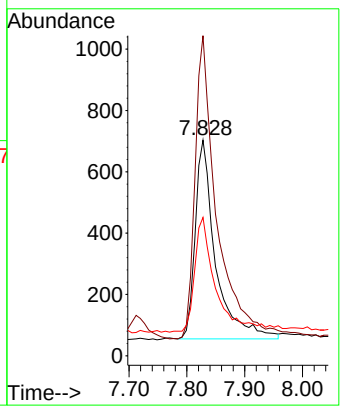


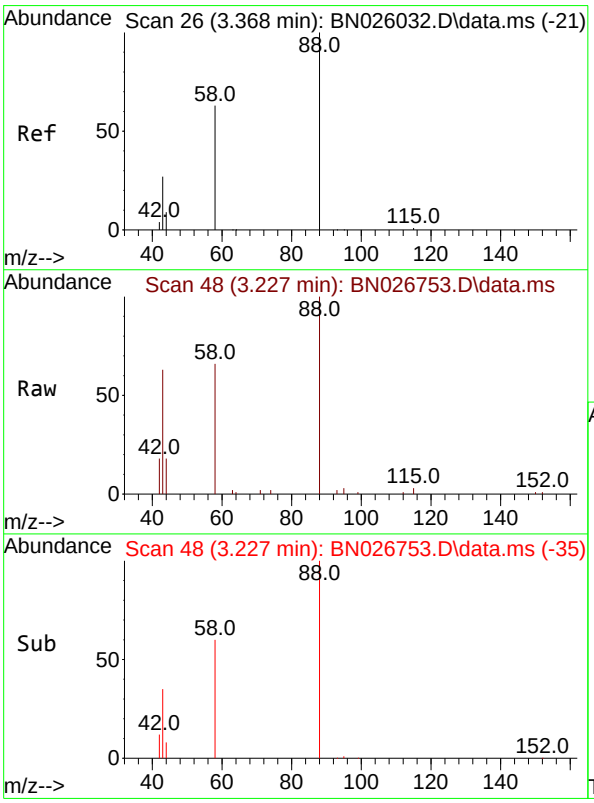
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.828 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:152 Resp: 1587

Ion	Ratio	Lower	Upper
152	100		
150	148.5	124.7	187.1
115	64.2	48.2	72.4

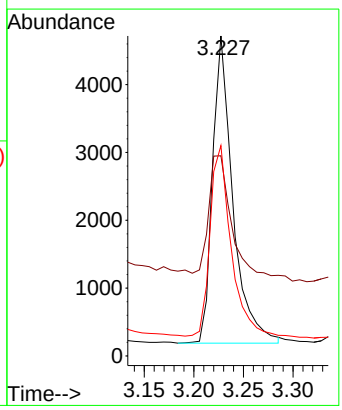


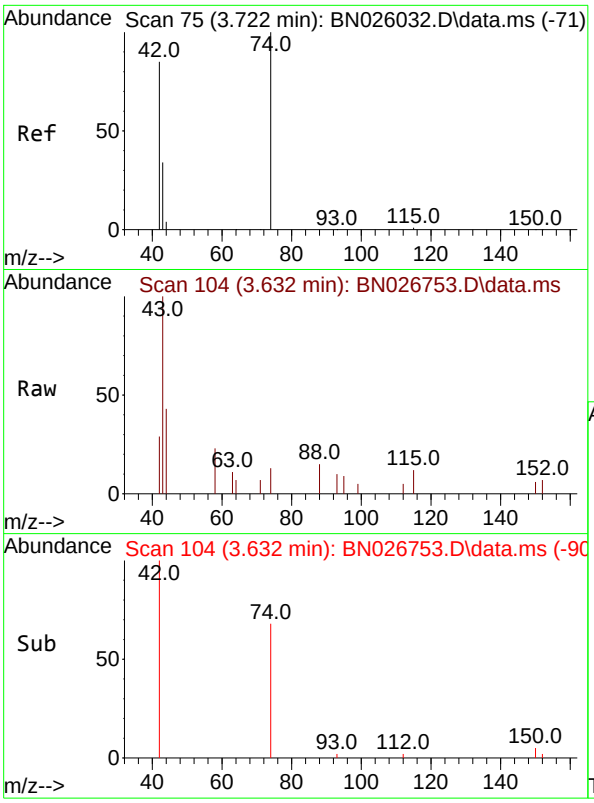


#2
1,4-Dioxane
Concen: 3.839 ng
RT: 3.227 min Scan# 48
Delta R.T. -0.007 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion: 88 Resp: 6444

Ion	Ratio	Lower	Upper
88	100		
43	41.8	24.2	36.4#
58	63.8	53.3	79.9



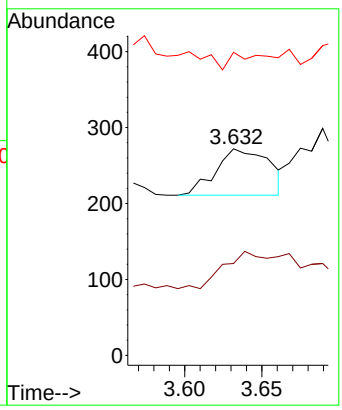


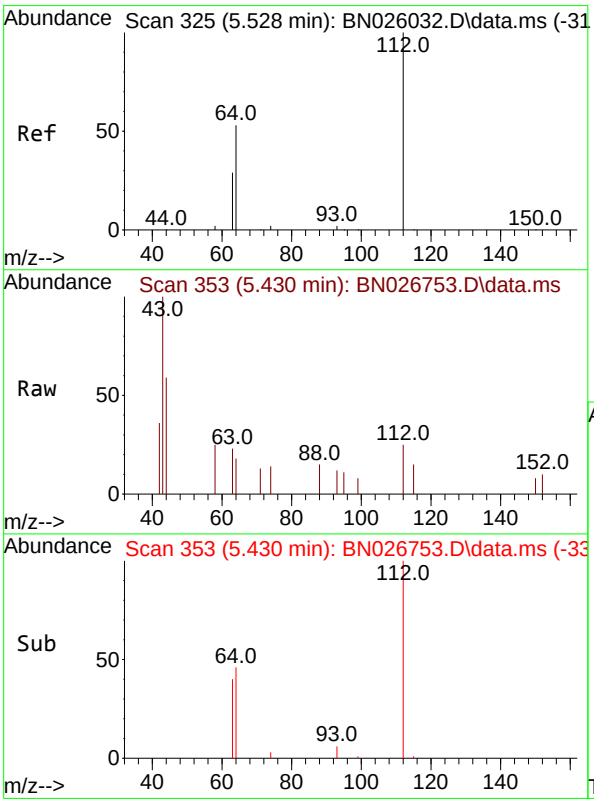
#3
n-Nitrosodimethylamine
Concen: 0.086 ng
RT: 3.632 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion: 42 Resp: 147

Ion	Ratio	Lower	Upper
42	100		
74	124.5	93.8	140.8
44	0.0	3.0	4.4#

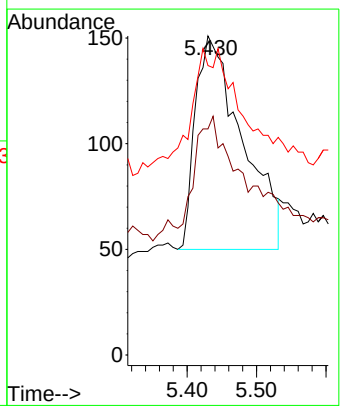


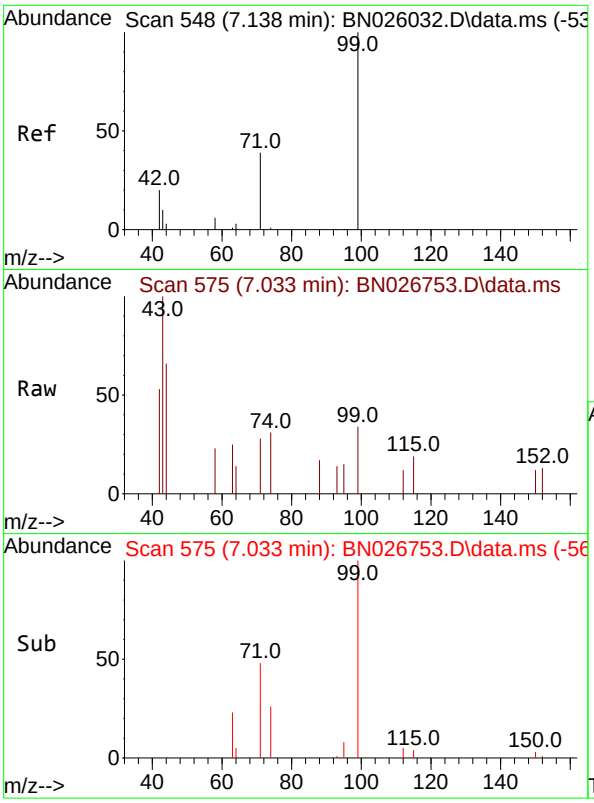


#4
2-Fluorophenol
Concen: 0.123 ng
RT: 5.430 min Scan# 353
Delta R.T. 0.015 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:112 Resp: 475

Ion	Ratio	Lower	Upper
112	100		
64	50.7	45.8	68.6
63	62.9	27.4	41.2#



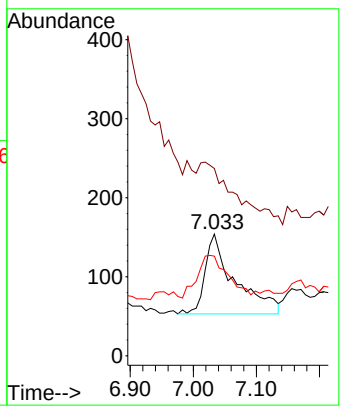


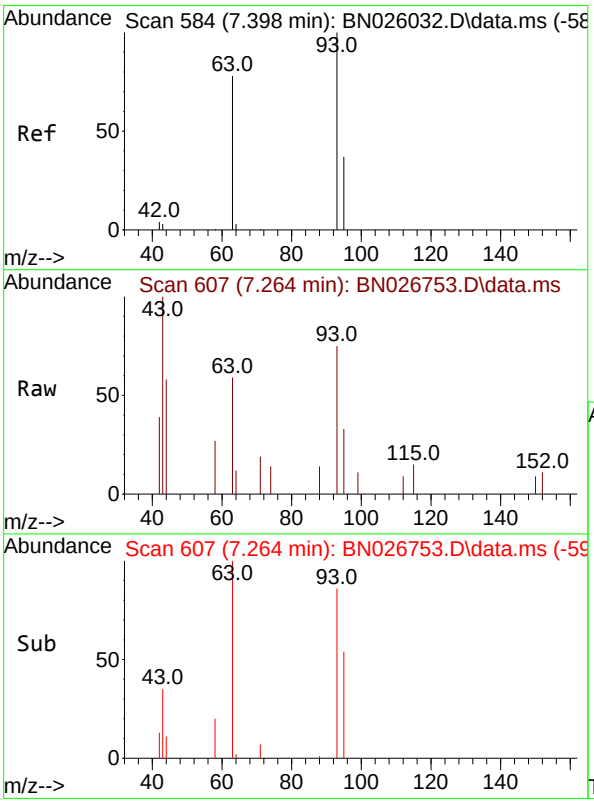
#5
Phenol-d6
Concen: 0.067 ng
RT: 7.033 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion: 99 Resp: 330

Ion	Ratio	Lower	Upper
99	100		
42	0.0	18.4	27.6#
71	55.2	30.6	46.0#

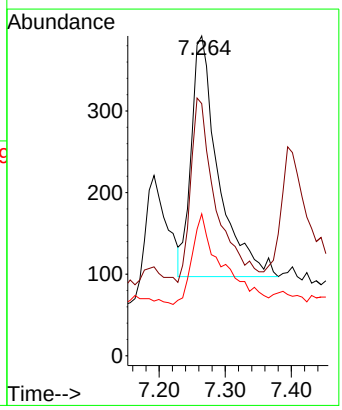


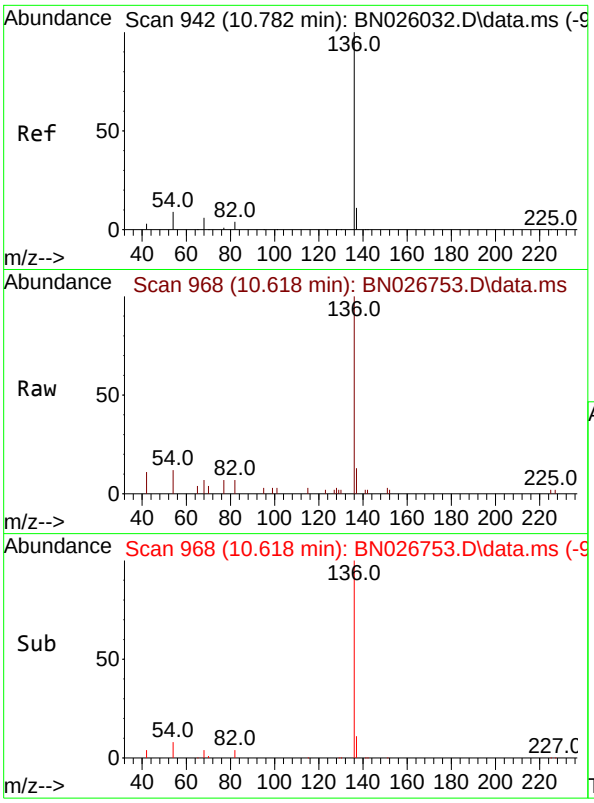


#6
bis(2-Chloroethyl)ether
Concen: 0.208 ng
RT: 7.264 min Scan# 607
Delta R.T. -0.029 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion: 93 Resp: 840

Ion	Ratio	Lower	Upper
93	100		
63	66.4	58.8	88.2
95	41.7	29.2	43.8



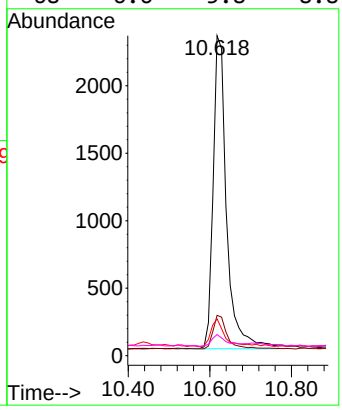


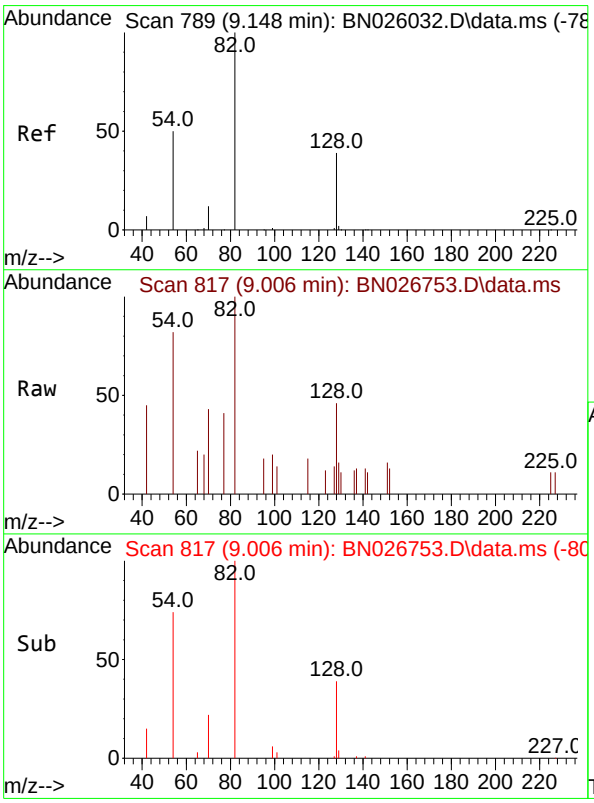
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.618 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:136 Resp: 5308

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.0	13.4
54	11.5	7.8	11.6
68	6.6	5.8	8.8

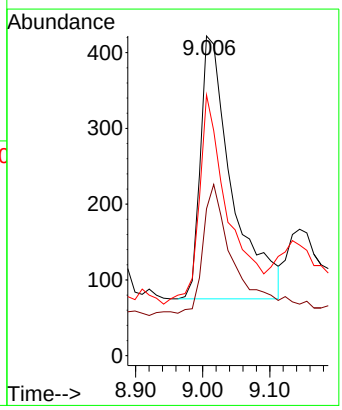


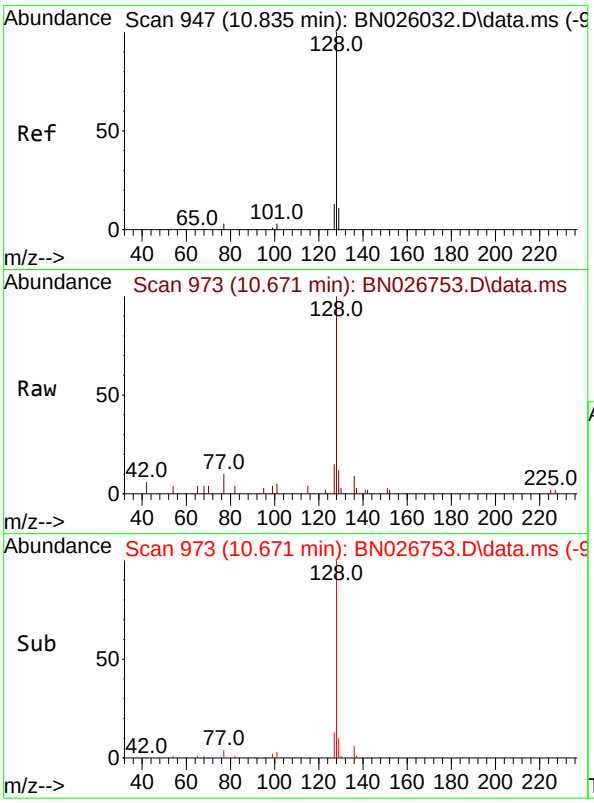


#8
Nitrobenzene-d5
Concen: 0.252 ng
RT: 9.006 min Scan# 817
Delta R.T. -0.032 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion: 82 Resp: 1143

Ion	Ratio	Lower	Upper
82	100		
128	46.0	33.4	50.2
54	81.5	41.7	62.5#



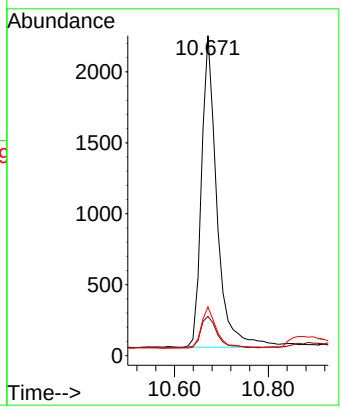


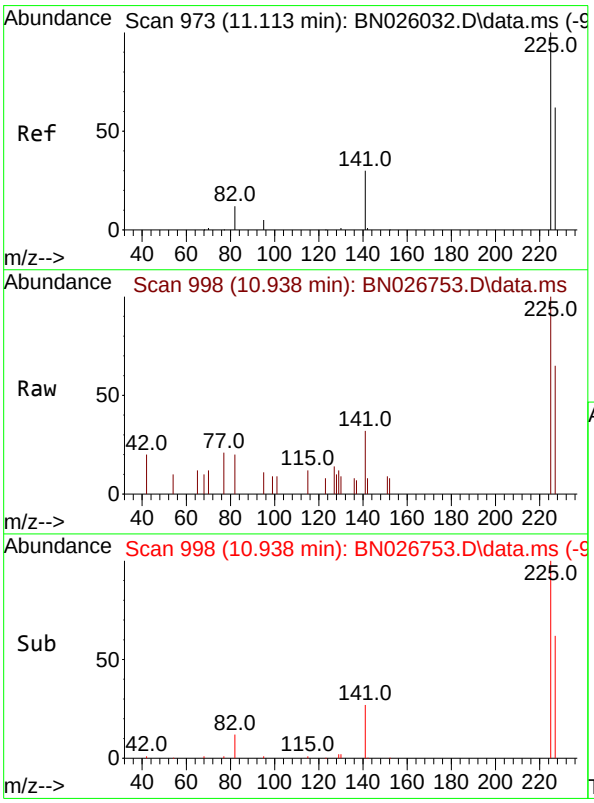
#9
Naphthalene
Concen: 0.349 ng
RT: 10.671 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:128 Resp: 5009

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.1	13.7
127	15.2	10.9	16.3

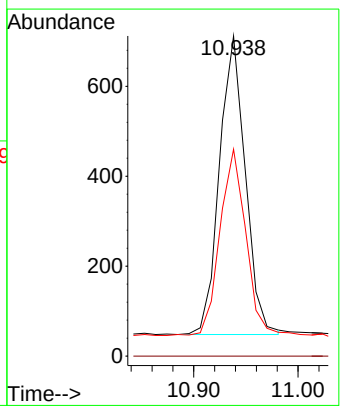


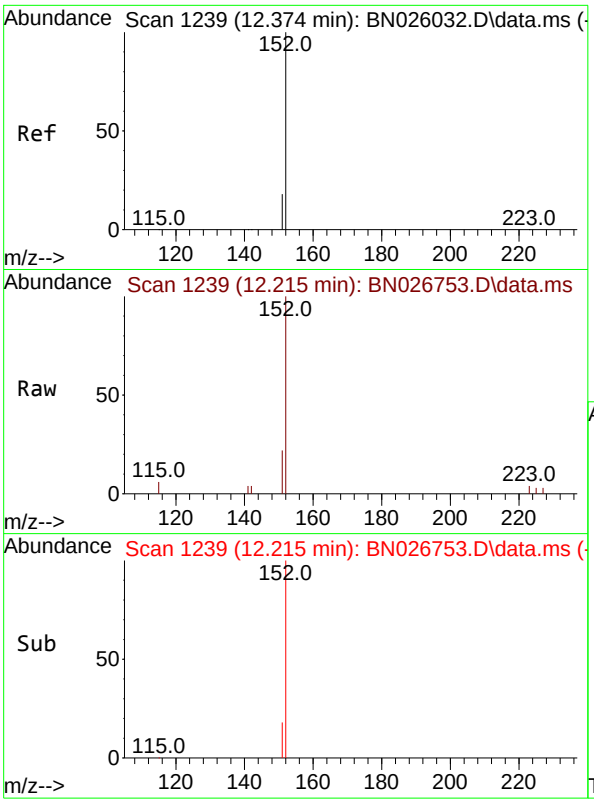


#10
Hexachlorobutadiene
Concen: 0.412 ng
RT: 10.938 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:225 Resp: 1143

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.1	50.3	75.5



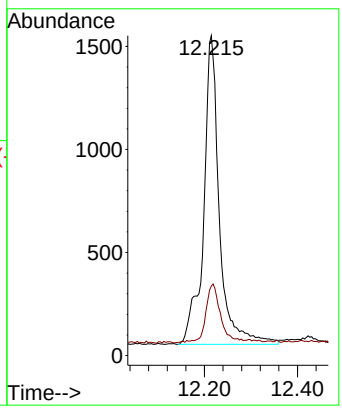


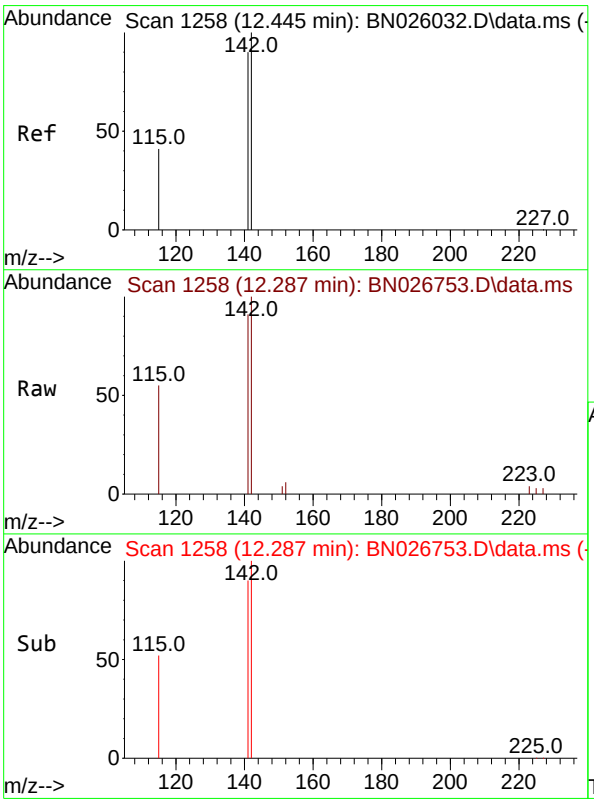
#11
2-Methylnaphthalene-d10
Concen: 0.454 ng
RT: 12.215 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:152 Resp: 3520

Ion	Ratio	Lower	Upper
152	100		
151	18.0	16.2	24.2

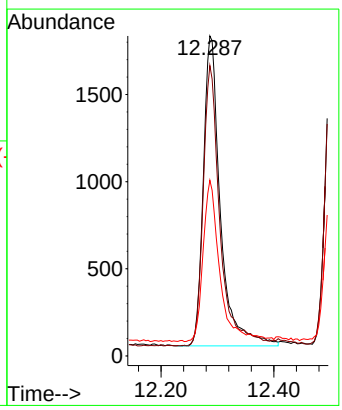


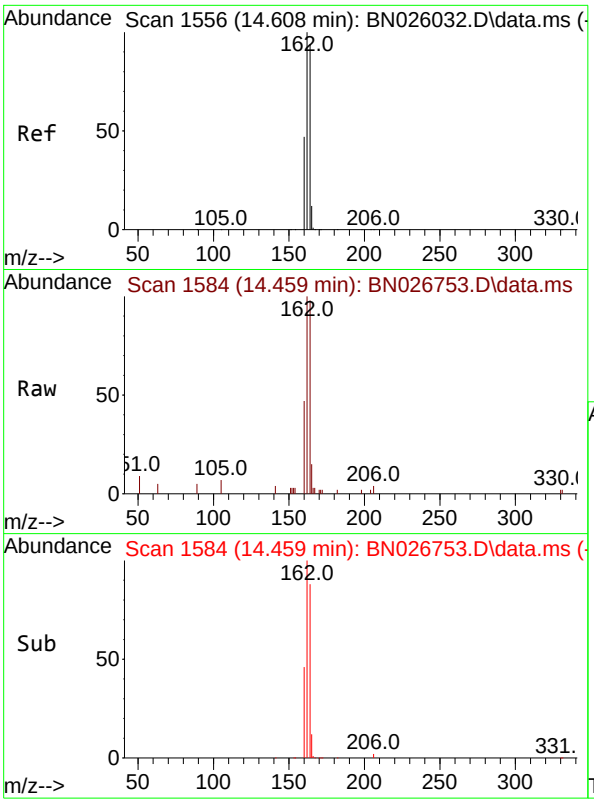


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.287 min Scan# 1258
Delta R.T. -0.015 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:142 Resp: 3731

Ion	Ratio	Lower	Upper
142	100		
141	90.7	71.7	107.5
115	54.9	33.4	50.0#



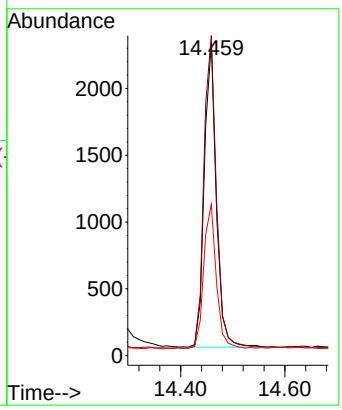


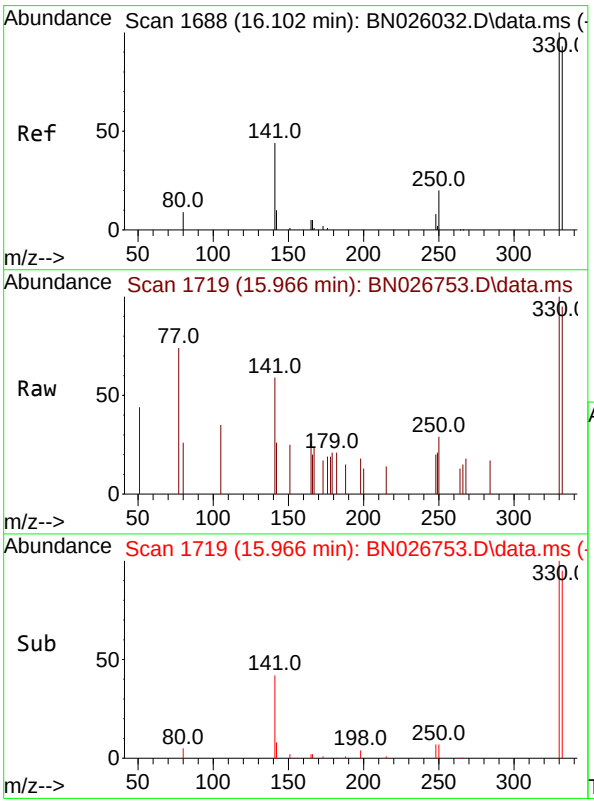
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:164 Resp: 3632

Ion	Ratio	Lower	Upper
164	100		
162	102.3	85.3	127.9
160	48.3	40.0	60.0

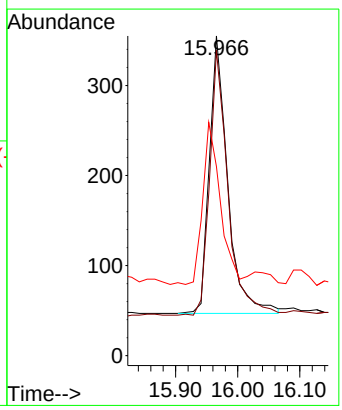


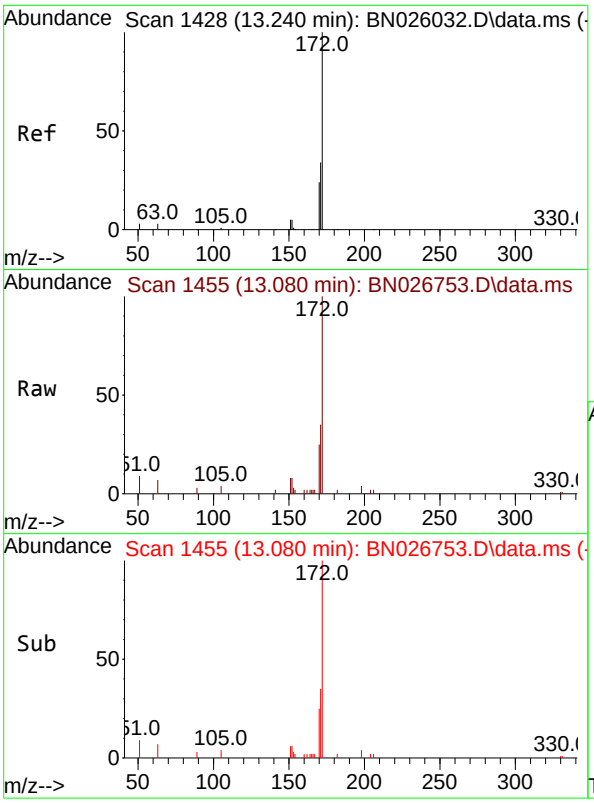


#14
2,4,6-Tribromophenol
Concen: 0.478 ng
RT: 15.966 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:330 Resp: 632

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.0	114.0
141	56.8	42.8	64.2



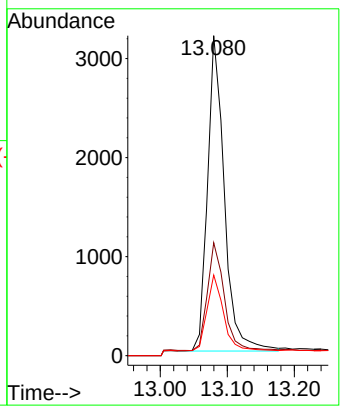


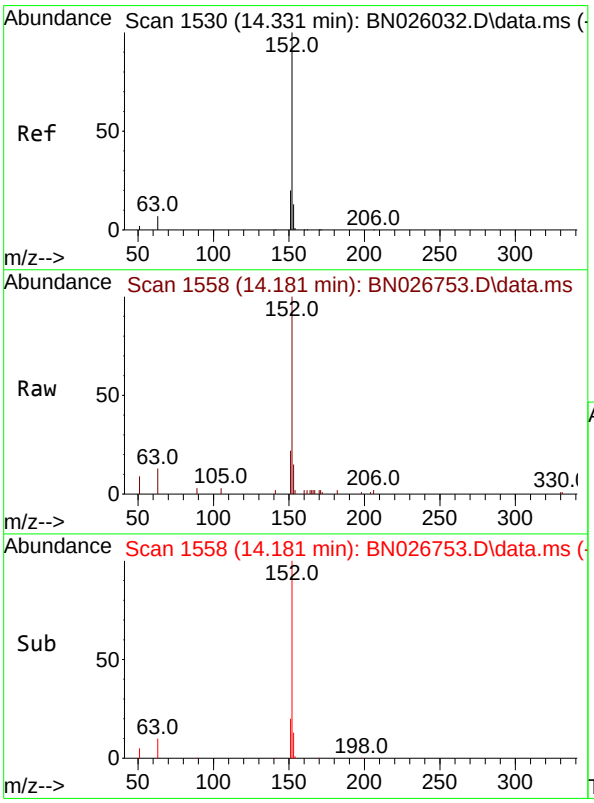
#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 13.080 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:172 Resp: 5541

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	25.2	19.3	28.9

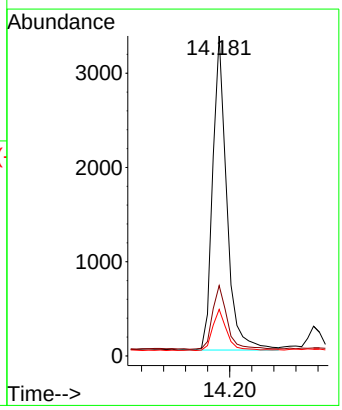


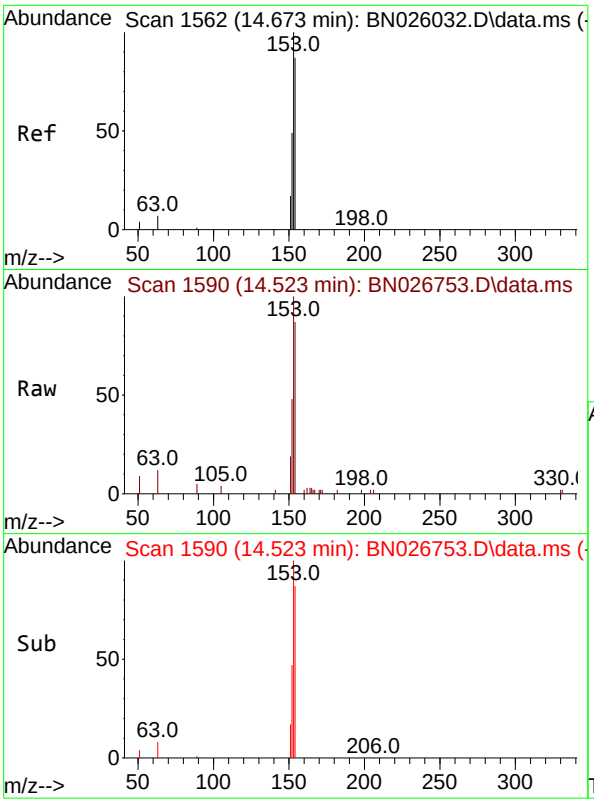


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.181 min Scan# 1558
Delta R.T. -0.011 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:152 Resp: 5903

Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.9	23.9
153	13.1	10.6	15.8



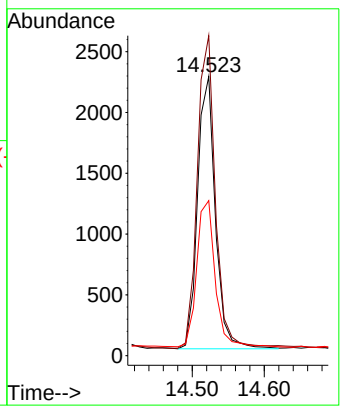


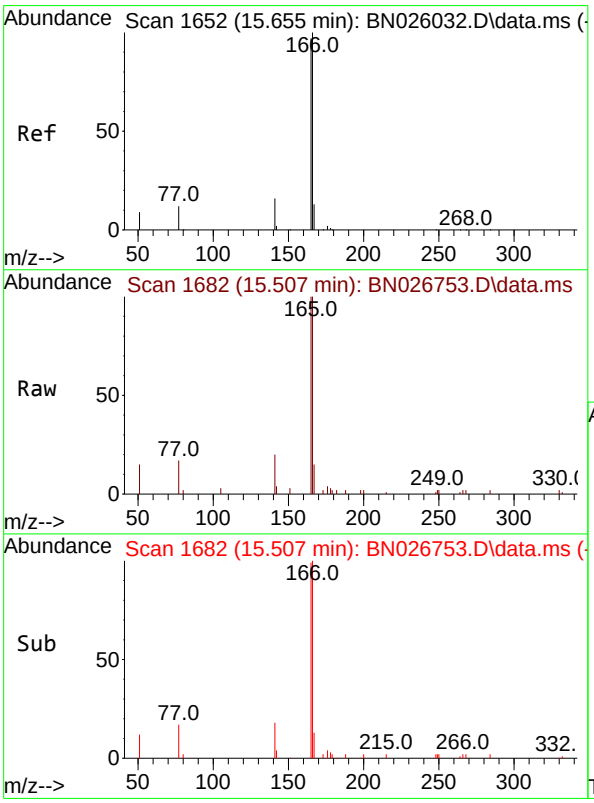
#17
Acenaphthene
Concen: 0.351 ng
RT: 14.523 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:154 Resp: 3855

Ion	Ratio	Lower	Upper
154	100		
153	117.4	94.4	141.6
152	56.3	46.1	69.1

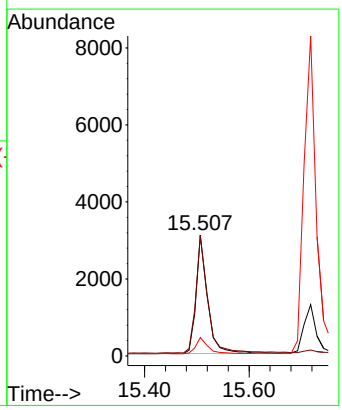


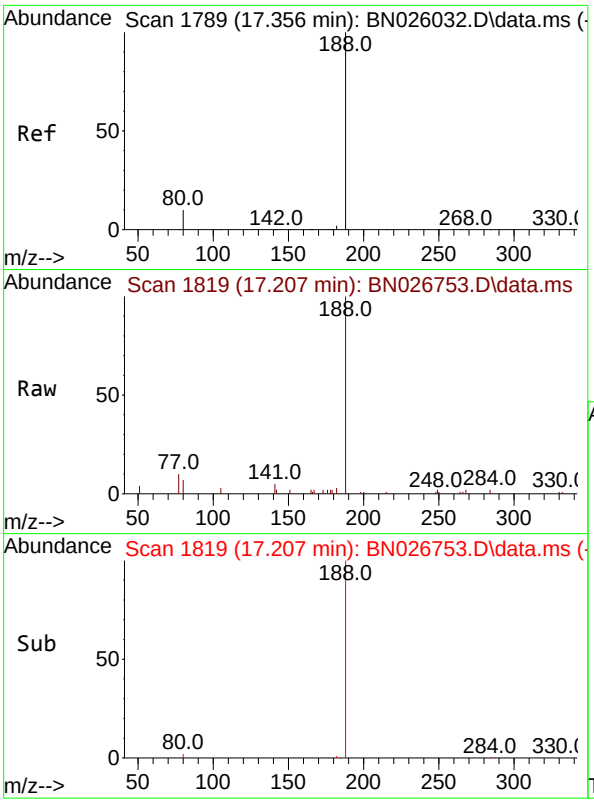


#18
Fluorene
Concen: 0.335 ng
RT: 15.507 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:166 Resp: 4799

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.7	119.5
167	14.3	10.6	16.0



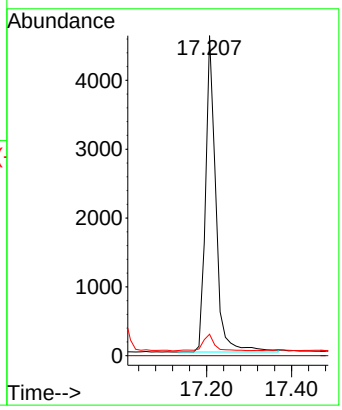


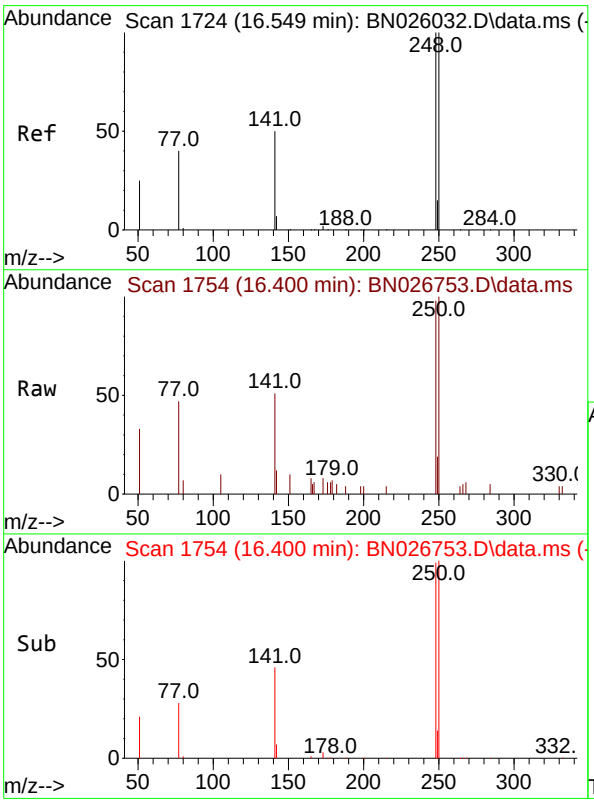
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.207 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:188 Resp: 7713

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	8.6	13.0#

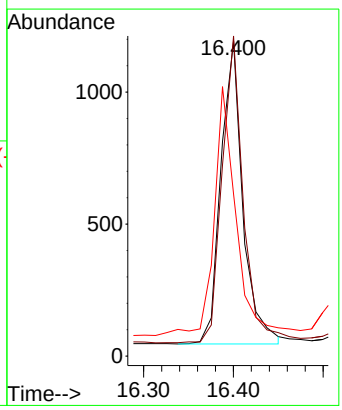


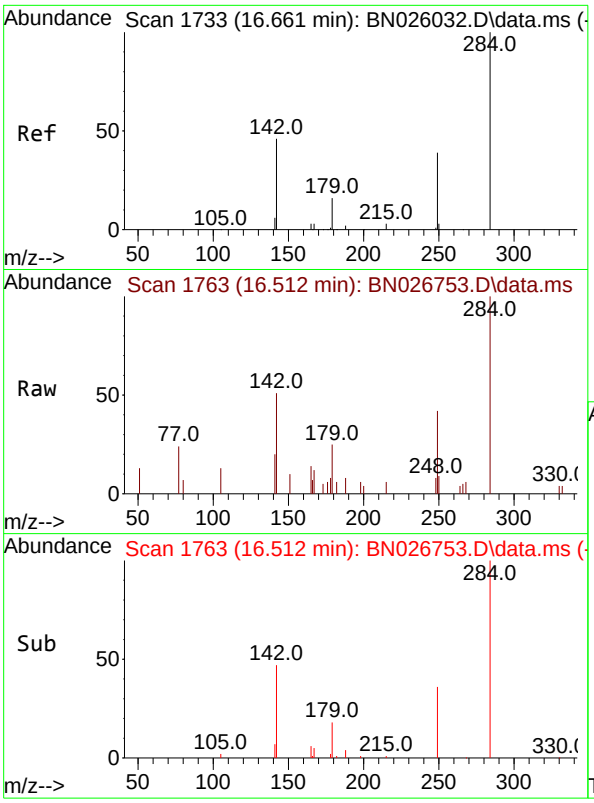


#21
4-Bromophenyl-phenylether
Concen: 0.442 ng
RT: 16.400 min Scan# 1754
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:248 Resp: 1945

Ion	Ratio	Lower	Upper
248	100		
250	101.6	79.9	119.9
141	51.4	41.6	62.4



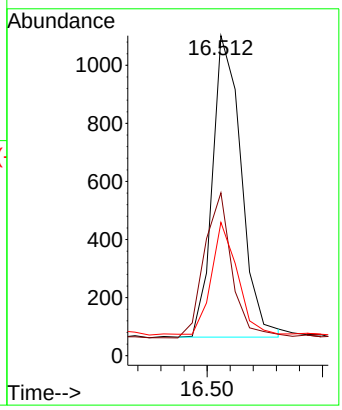


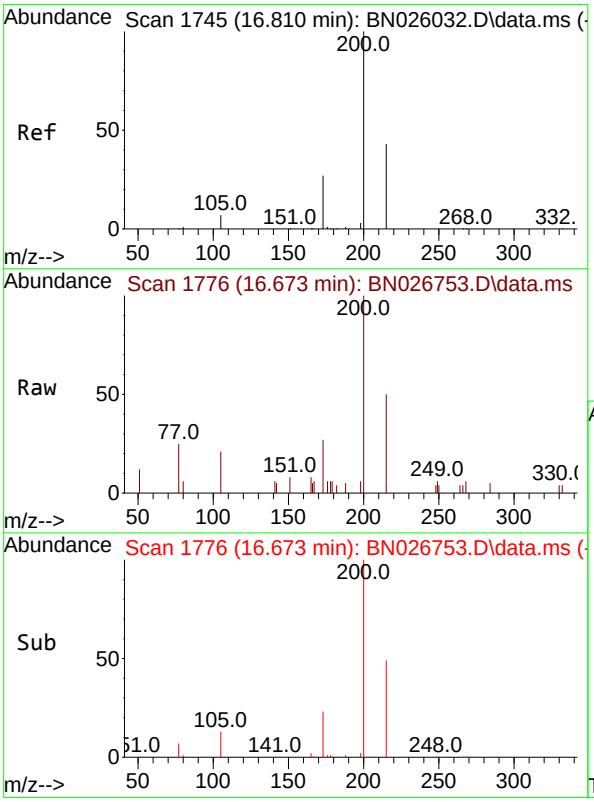
#22
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.512 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:284 Resp: 1796

Ion	Ratio	Lower	Upper
284	100		
142	46.3	38.7	58.1
249	33.1	28.5	42.7

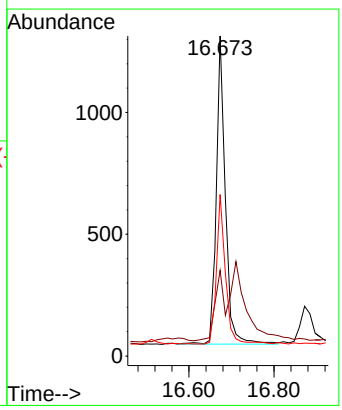


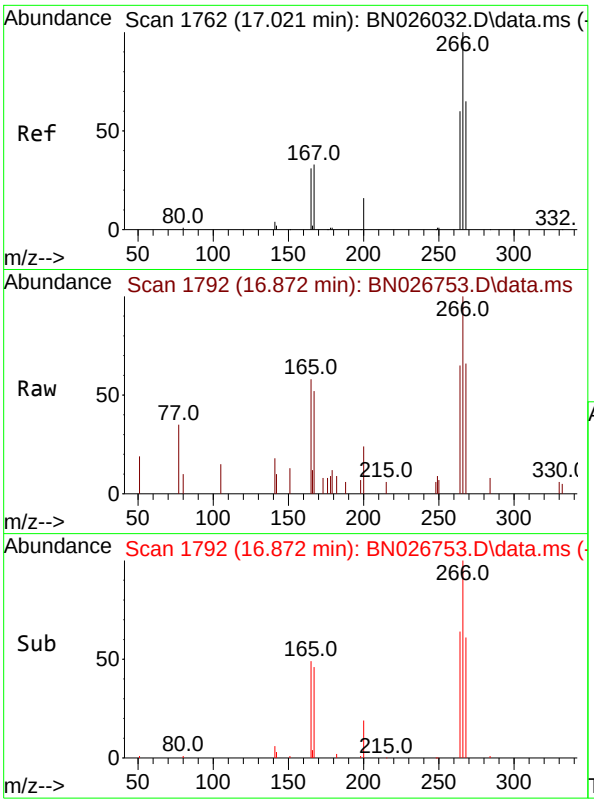


#23
Atrazine
Concen: 0.495 ng
RT: 16.673 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:200 Resp: 1873

Ion	Ratio	Lower	Upper
200	100		
173	26.8	22.9	34.3
215	50.5	35.5	53.3



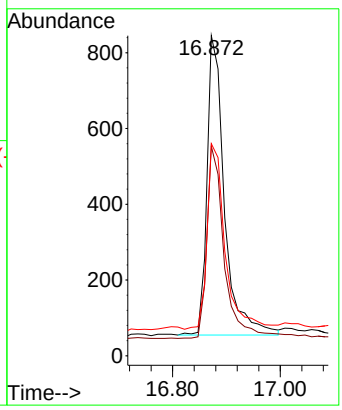


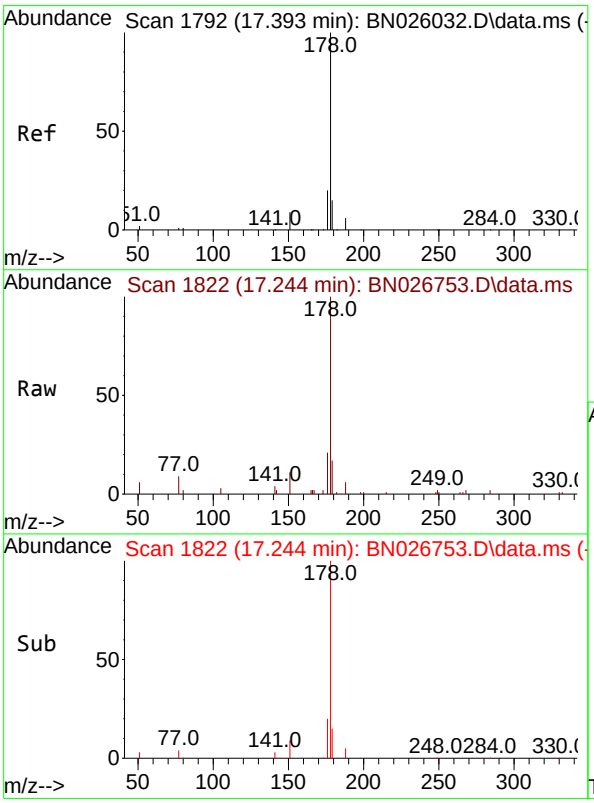
#24
Pentachlorophenol
Concen: 0.852 ng
RT: 16.872 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:266 Resp: 1771

Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.3	73.9
268	64.0	48.3	72.5

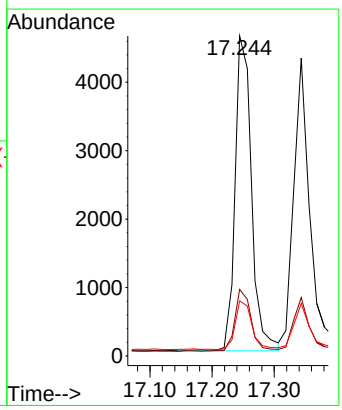


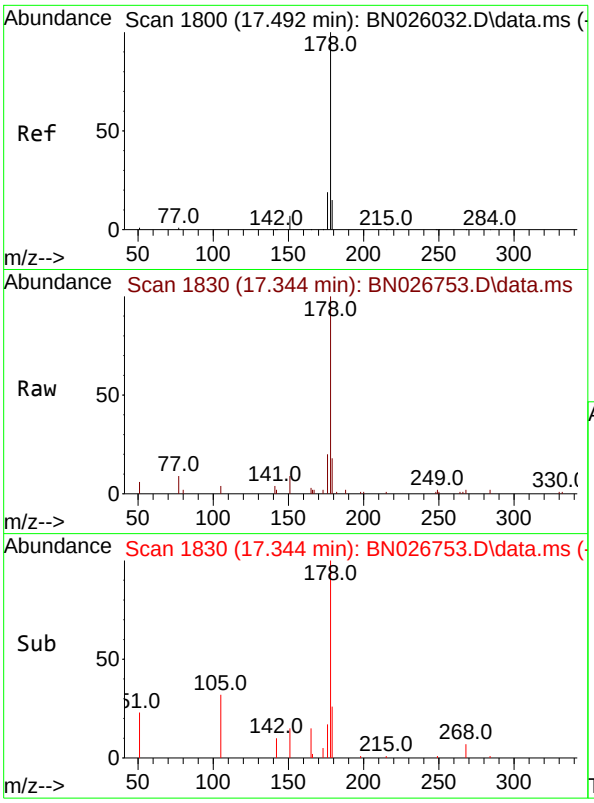


#25
Phenanthrene
Concen: 0.374 ng
RT: 17.244 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:178 Resp: 8452

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.7	12.3	18.5



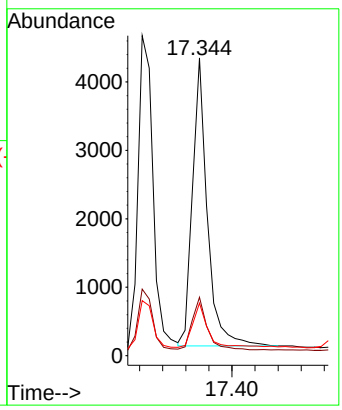


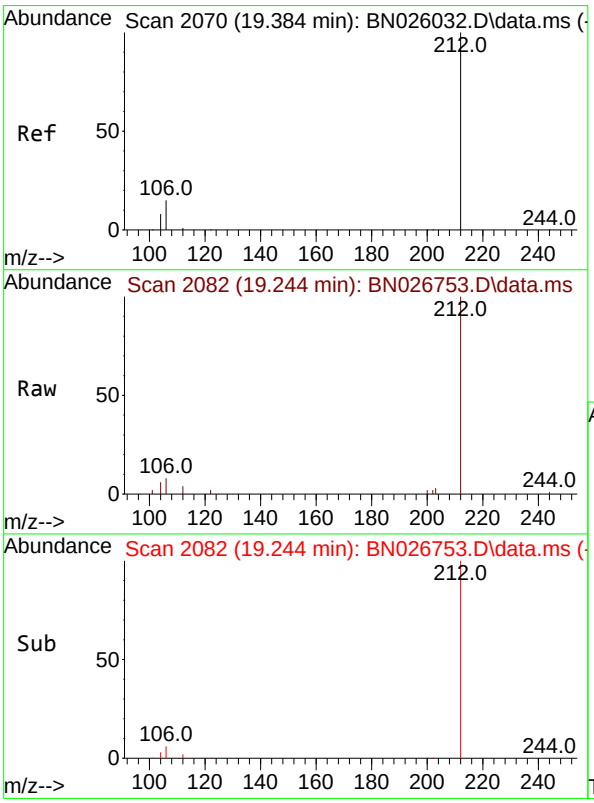
#26
Anthracene
Concen: 0.370 ng
RT: 17.344 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:178 Resp: 7528

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	15.6	12.4	18.6

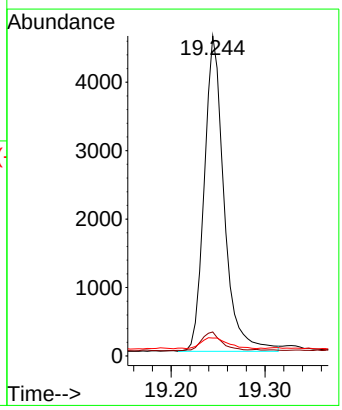


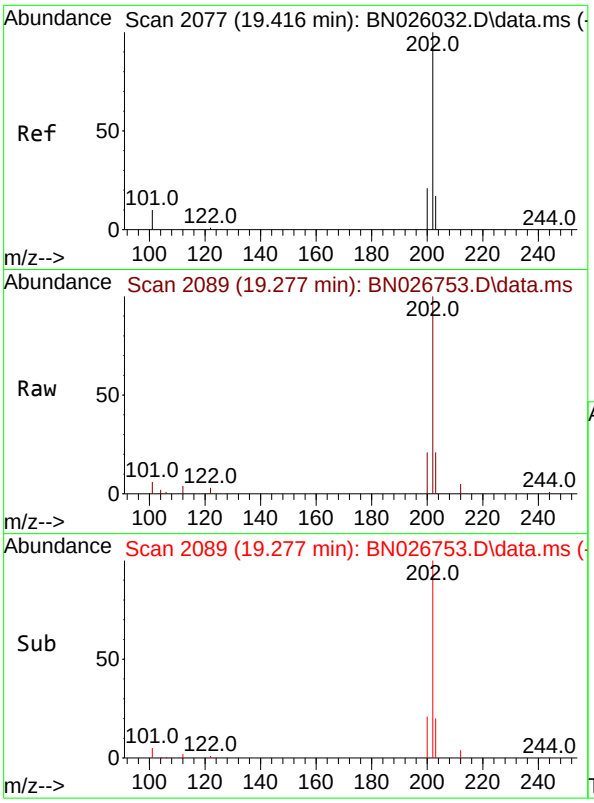


#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.244 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:212 Resp: 6757

Ion	Ratio	Lower	Upper
212	100		
106	6.2	11.6	17.4#
104	4.8	7.2	10.8#



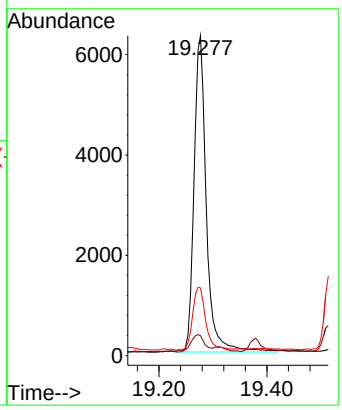


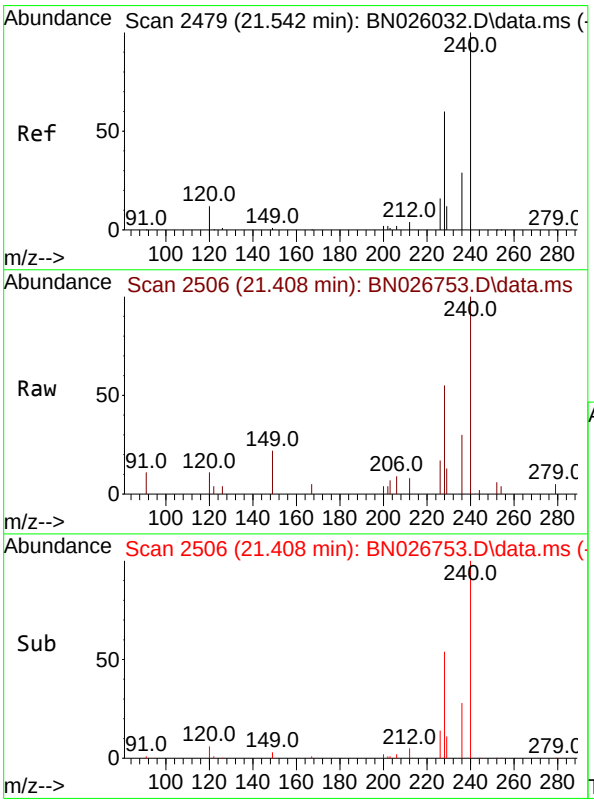
#28
Fluoranthene
Concen: 0.420 ng
RT: 19.277 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:202 Resp: 9979

Ion	Ratio	Lower	Upper
202	100		
101	6.2	8.3	12.5#
203	21.1	13.5	20.3#

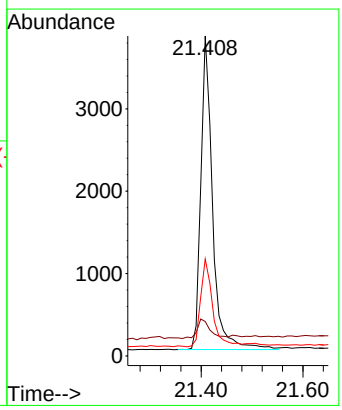


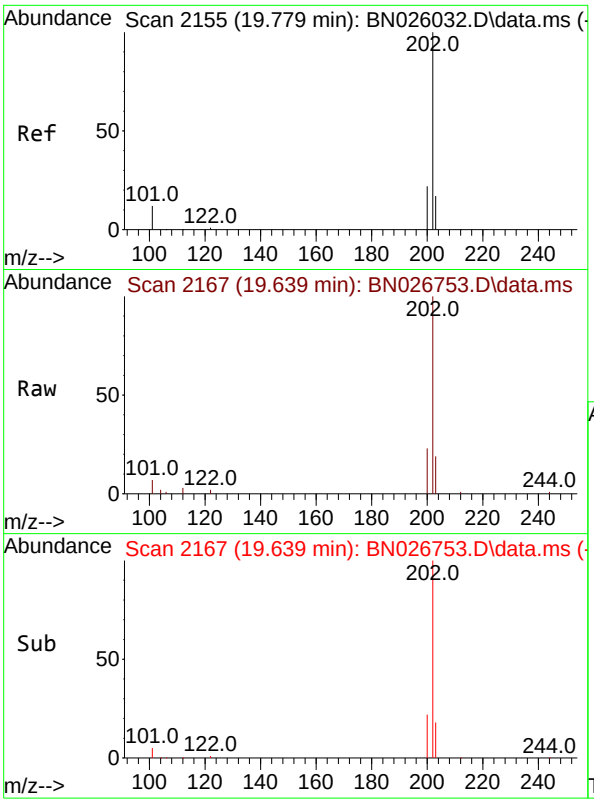


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.408 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:240 Resp: 6058

Ion	Ratio	Lower	Upper
240	100		
120	10.8	14.6	22.0#
236	30.3	24.2	36.2



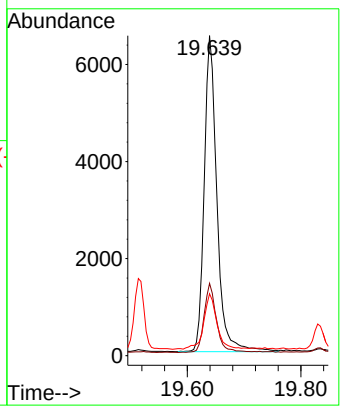


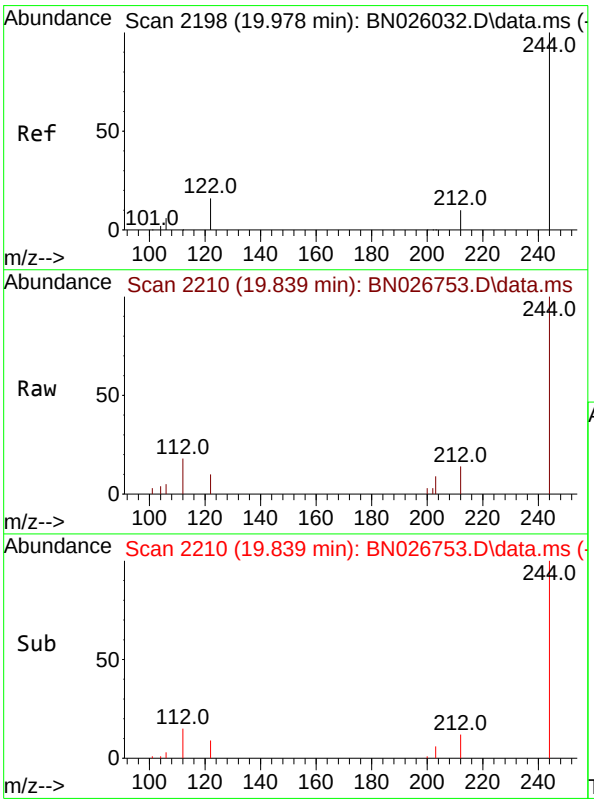
#30
Pyrene
Concen: 0.300 ng
RT: 19.639 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:202 Resp: 10081

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	18.3	14.2	21.4

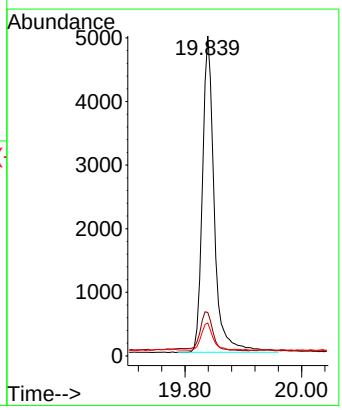


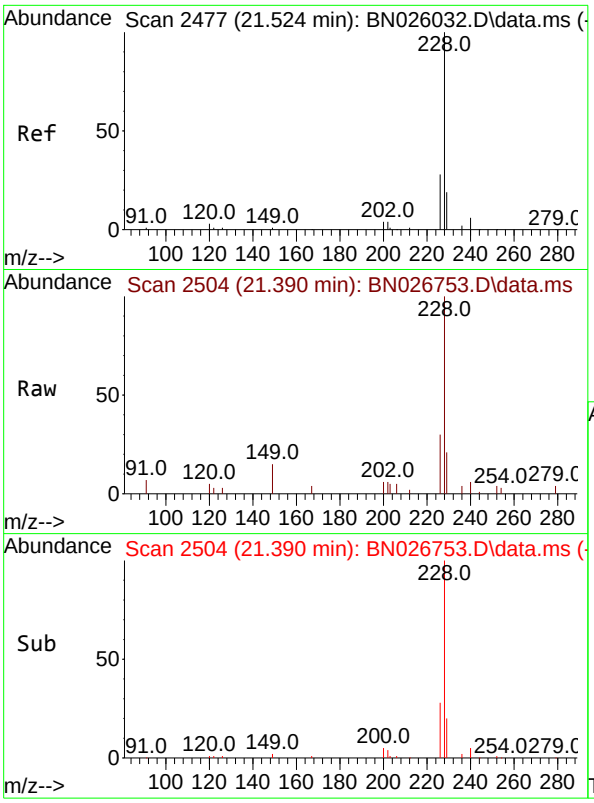


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 19.839 min Scan# 2210
Delta R.T. -0.009 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:244 Resp: 7062

Ion	Ratio	Lower	Upper
244	100		
212	13.6	8.7	13.1#
122	10.3	13.7	20.5#



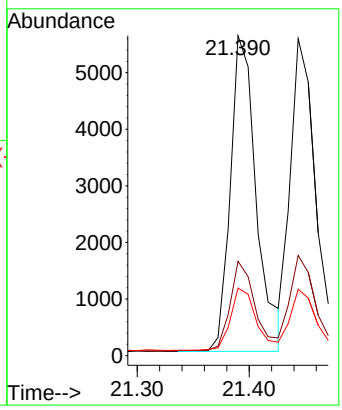


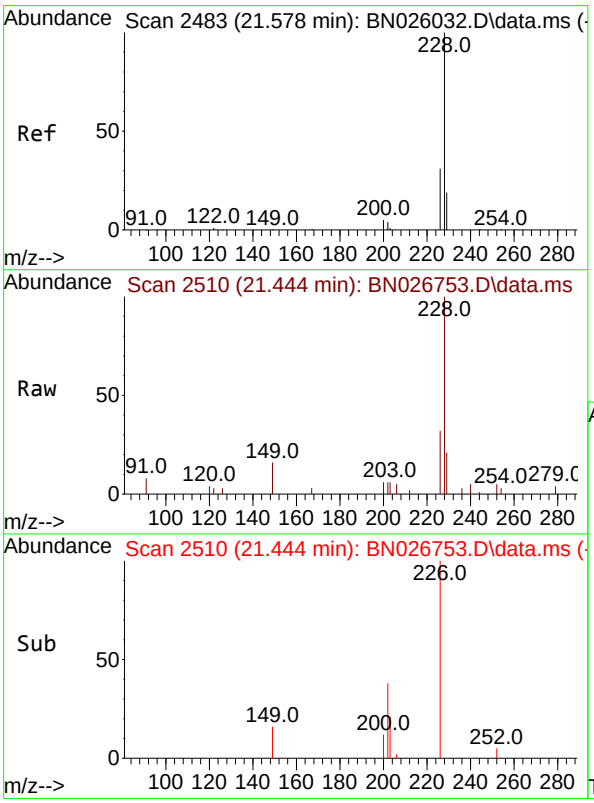
#32
Benzo(a)anthracene
Concen: 0.412 ng
RT: 21.390 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:228 Resp: 8982

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	21.1	15.9	23.9

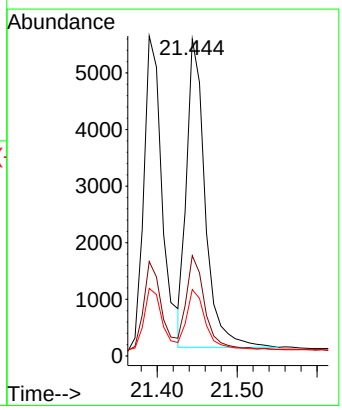


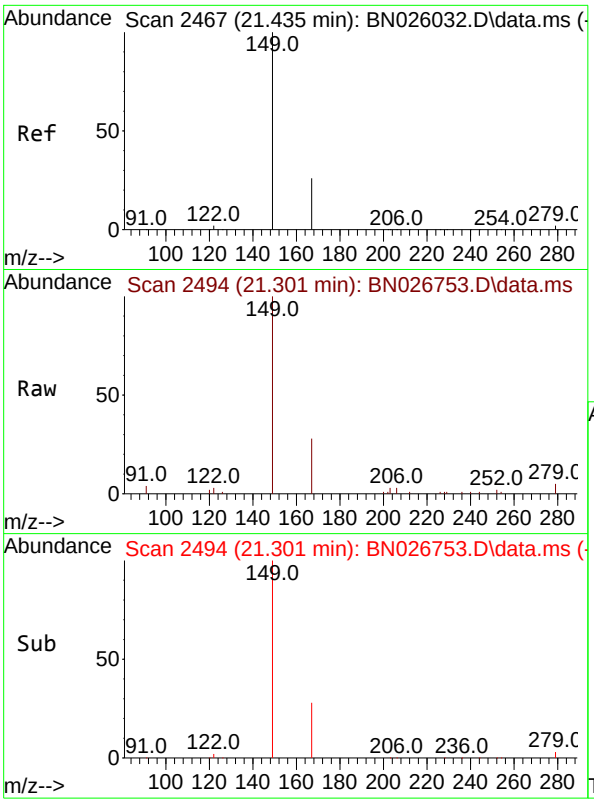


#33
Chrysene
Concen: 0.362 ng
RT: 21.444 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:228 Resp: 8793

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	21.0	15.6	23.4



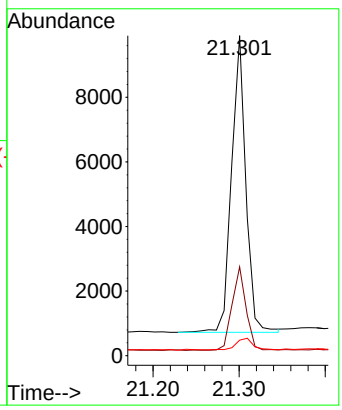


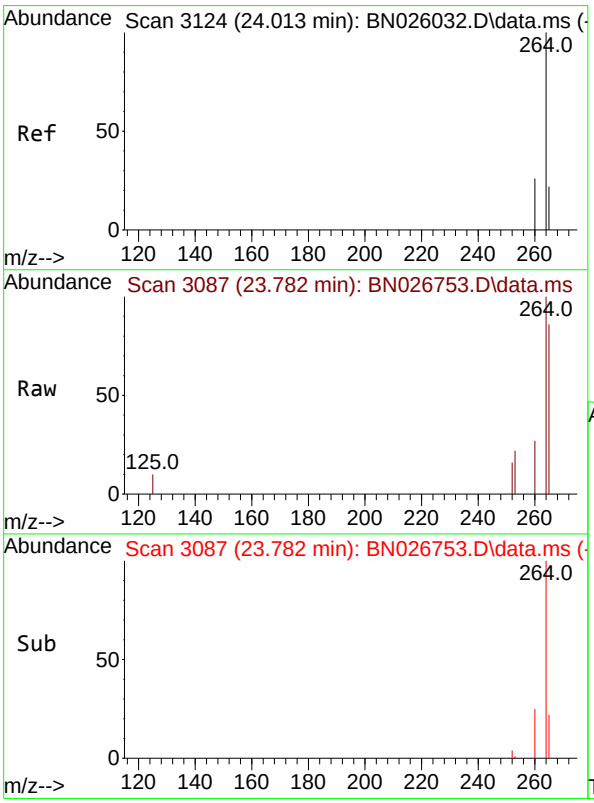
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.544 ng
RT: 21.301 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:149 Resp: 10575

Ion	Ratio	Lower	Upper
149	100		
167	27.5	20.2	30.4
279	4.7	2.4	3.6#

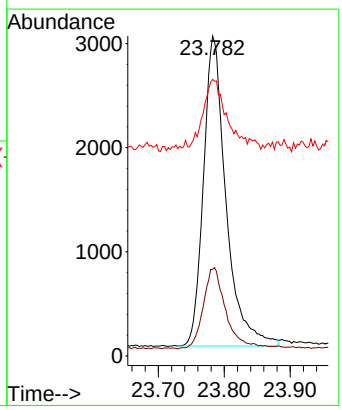


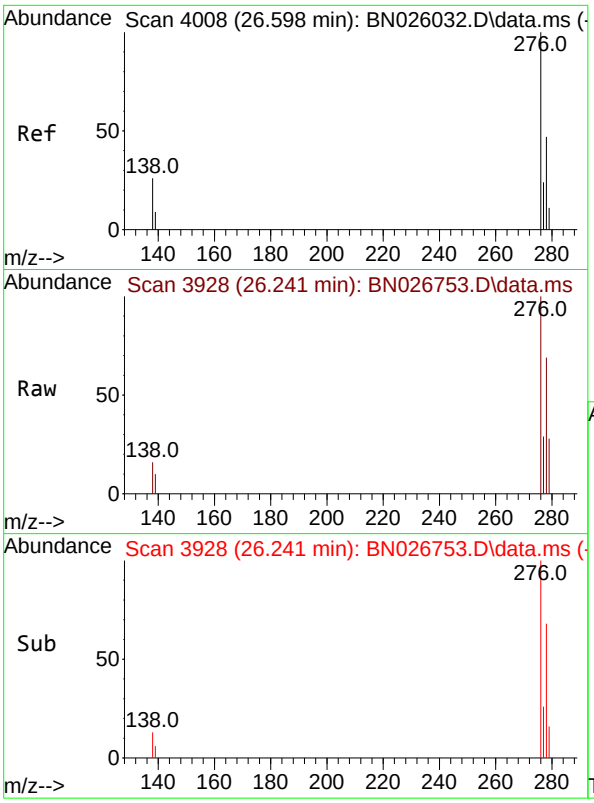


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:264 Resp: 7073

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.9	32.9
265	86.4	80.3	120.5



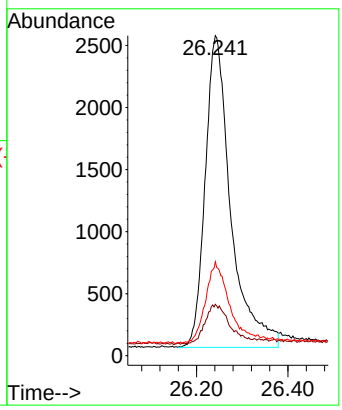


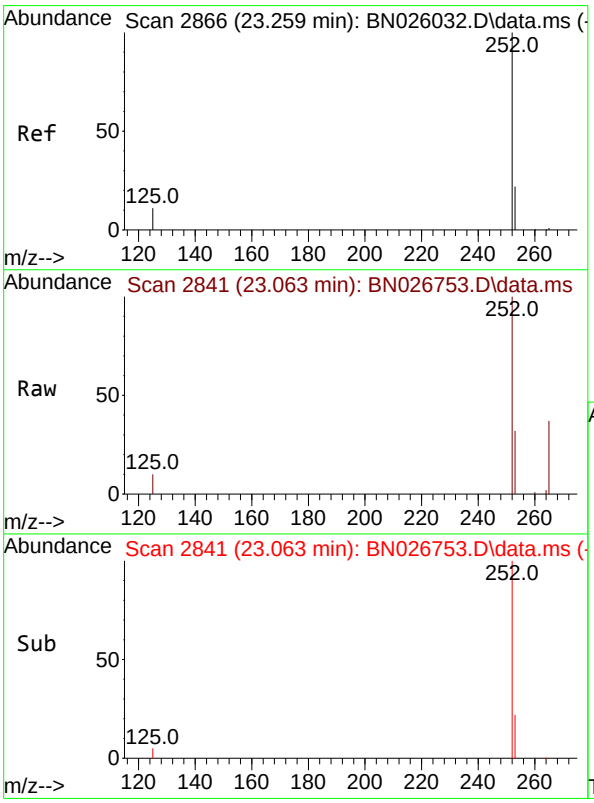
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng
RT: 26.241 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:276 Resp: 9756

Ion	Ratio	Lower	Upper
276	100		
138	12.1	21.4	32.2#
277	24.1	19.6	29.4

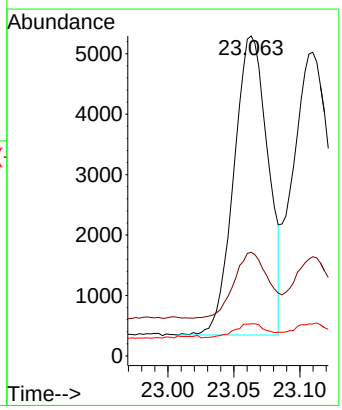


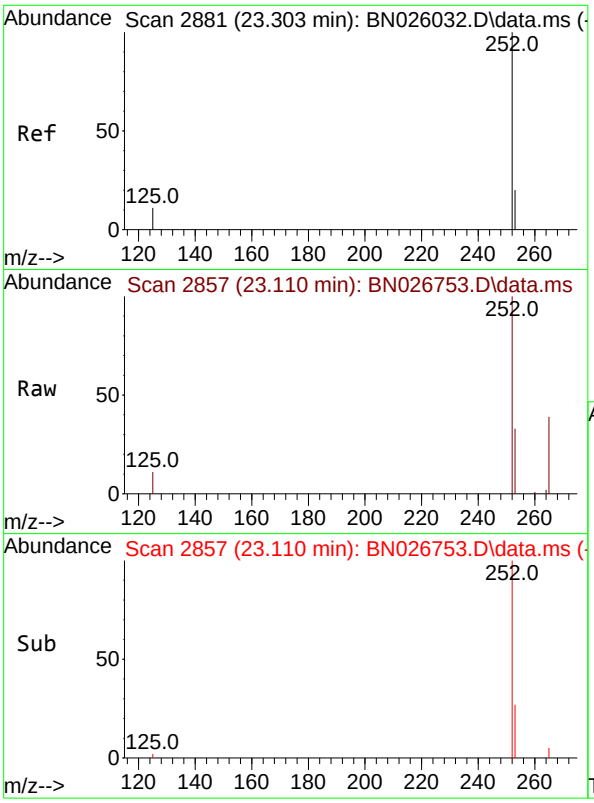


#37
Benzo(b)fluoranthene
Concen: 0.347 ng
RT: 23.063 min Scan# 2841
Delta R.T. 0.003 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:252 Resp: 8891

Ion	Ratio	Lower	Upper
252	100		
253	32.4	24.1	36.1
125	10.1	15.4	23.0#



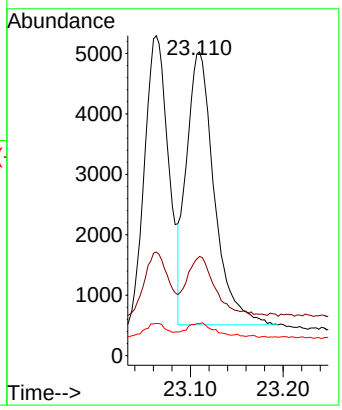


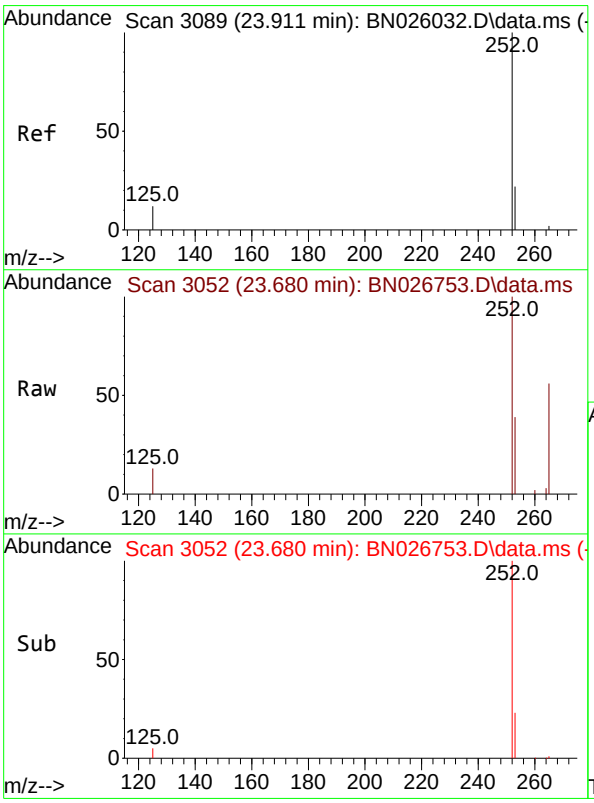
#38
Benzo(k)fluoranthene
Concen: 0.339 ng
RT: 23.110 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:252 Resp: 9399

Ion	Ratio	Lower	Upper
252	100		
253	32.6	23.6	35.4
125	10.5	15.8	23.8#

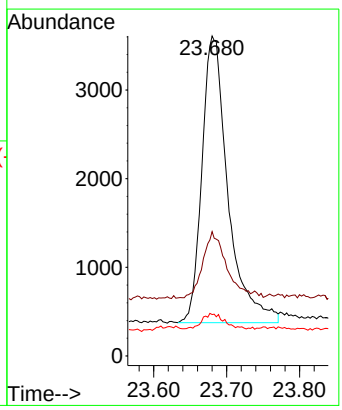


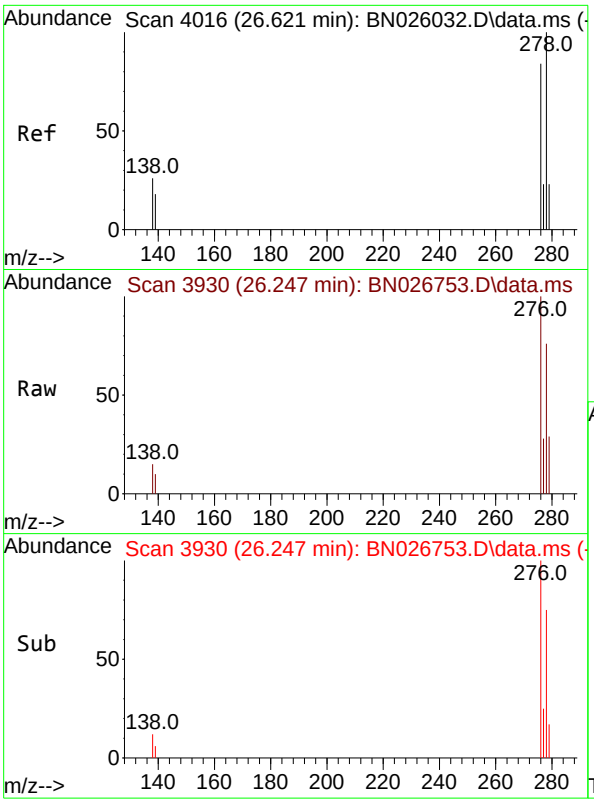


#39
Benzo(a)pyrene
Concen: 0.318 ng
RT: 23.680 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:252 Resp: 8012

Ion	Ratio	Lower	Upper
252	100		
253	38.9	26.2	39.4
125	13.0	18.7	28.1#



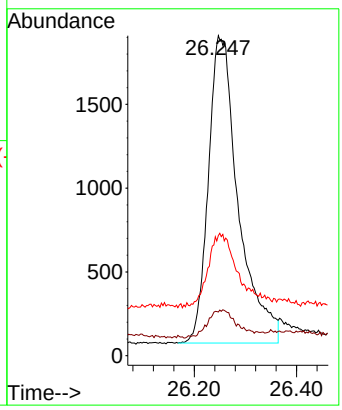


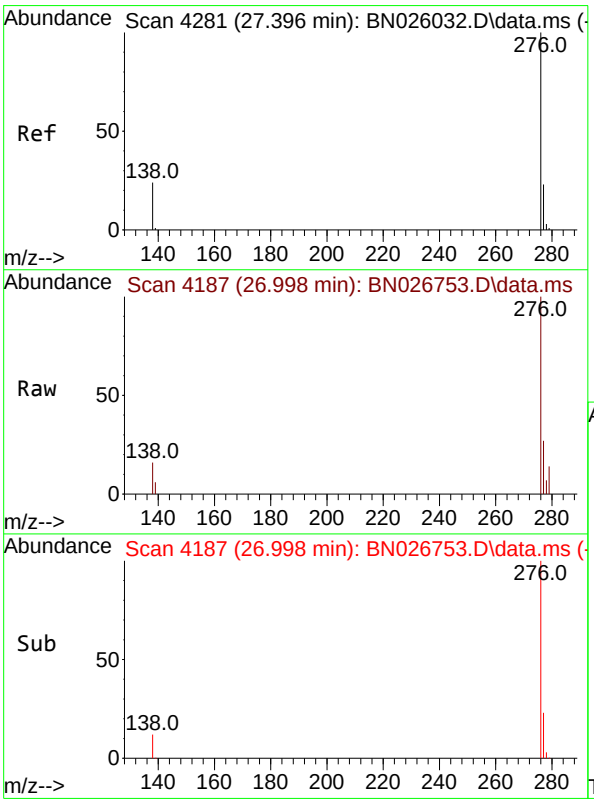
#40
Dibenzo(a,h)anthracene
Concen: 0.328 ng
RT: 26.247 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Tgt Ion:278 Resp: 7447

Ion	Ratio	Lower	Upper
278	100		
139	13.7	18.1	27.1#
279	37.5	25.4	38.0





#41
Benzo(g,h,i)perylene
Concen: 0.319 ng
RT: 26.998 min Scan# 4187
Delta R.T. 0.006 min
Lab File: BN026753.D
Acq: 25 Jul 2023 19:21

Tgt Ion:276 Resp: 8461

Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.3	30.5
138	16.2	21.5	32.3#