Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025629.D
Acq On : 27 May 2023 04:30
Operator : CG/JU
Sample : 02852-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Quant Time: May 27 05:01:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	7715	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	22137	0.400	ng	#-0.01
13) Acenaphthene-d10	14.651	164	11831	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	22904	0.400	ng	0.00
29) Chrysene-d12	21.578	240	11471	0.400	ng	# 0.00
35) Perylene-d12	24.069	264	9056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.564	112	5863	0.297	ng	0.00
5) Phenol-d6	7.174	99	7306	0.308	ng	0.00
8) Nitrobenzene-d5	9.191	82	5555	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.423	152	9698	0.307	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	848	0.355	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15344	0.314	ng	0.00
27) Fluoranthene-d10	19.425	212	13628	0.263	ng	0.00
31) Terphenyl-d14	20.015	244	9270	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	2648	0.296	ng	# 83
3) n-Nitrosodimethylamine	3.729	42	3146	0.327	ng	# 67
6) bis(2-Chloroethyl)ether	7.434	93	8348	0.342	ng	88
9) Naphthalene	10.889	128	21349	0.353	ng	100
10) Hexachlorobutadiene	11.177	225	3695	0.352	ng	# 95
12) 2-Methylnaphthalene	12.495	142	13985	0.336	ng	100
16) Acenaphthylene	14.373	152	19460	0.348	ng	100
17) Acenaphthene	14.715	154	13014	0.354	ng	100
18) Fluorene	15.693	166	16525	0.340	ng	100
20) 4,6-Dinitro-2-methylph...	15.780	198	1352	0.535	ng	# 51
21) 4-Bromophenyl-phenylether	16.586	248	4813	0.370	ng	91
22) Hexachlorobenzene	16.710	284	4592	0.386	ng	98
23) Atrazine	16.847	200	3845	0.371	ng	96
25) Phenanthrene	17.443	178	25048	0.359	ng	100
26) Anthracene	17.530	178	21822	0.346	ng	100
28) Fluoranthene	19.453	202	24385	0.321	ng	# 90
30) Pyrene	19.816	202	24703	0.442	ng	99
32) Benzo(a)anthracene	21.560	228	15499	0.363	ng	99
33) Chrysene	21.614	228	16142	0.348	ng	100
34) Bis(2-ethylhexyl)phtha...	21.480	149	23764	0.913	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.685	276	13225	0.381	ng	# 61
37) Benzo(b)fluoranthene	23.355	252	13415	0.389	ng	94
38) Benzo(k)fluoranthene	23.355	252	12791	0.356	ng	# 93
39) Benzo(a)pyrene	23.958	252	11000	0.334	ng	# 90
40) Dibenzo(a,h)anthracene	26.709	278	10227	0.372	ng	98
41) Benzo(g,h,i)perylene	27.478	276	11865	0.378	ng	98

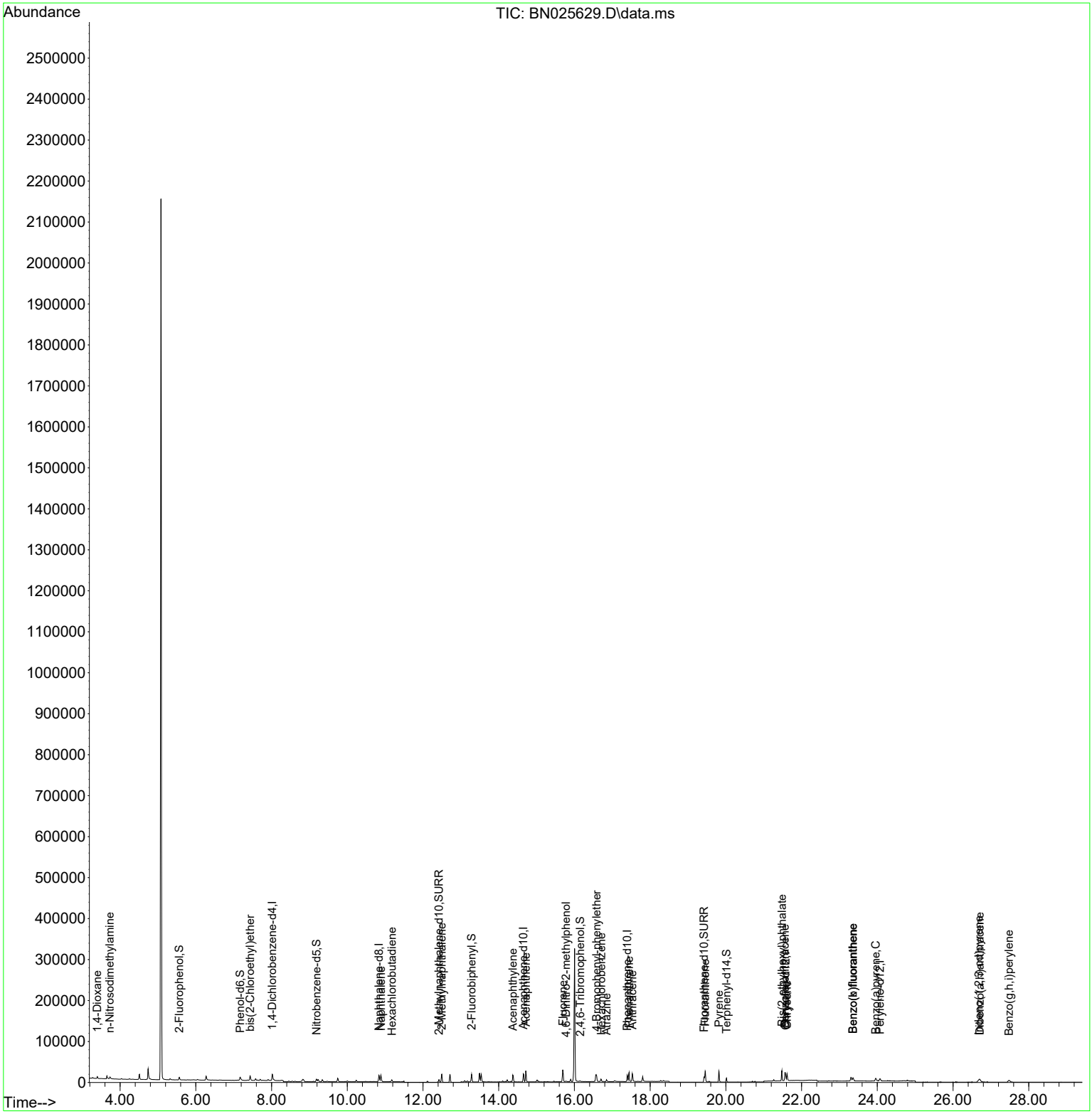
(#) = qualifier out of range (m) = manual integration (+) = signals summed

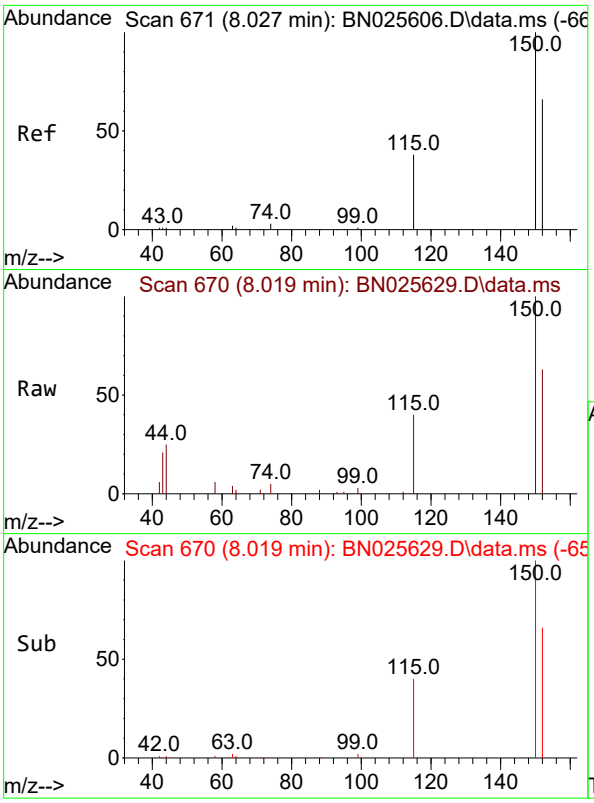
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025629.D
Acq On : 27 May 2023 04:30
Operator : CG/JU
Sample : 02852-17MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Quant Time: May 27 05:01:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration



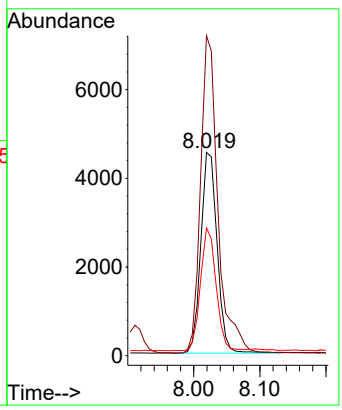


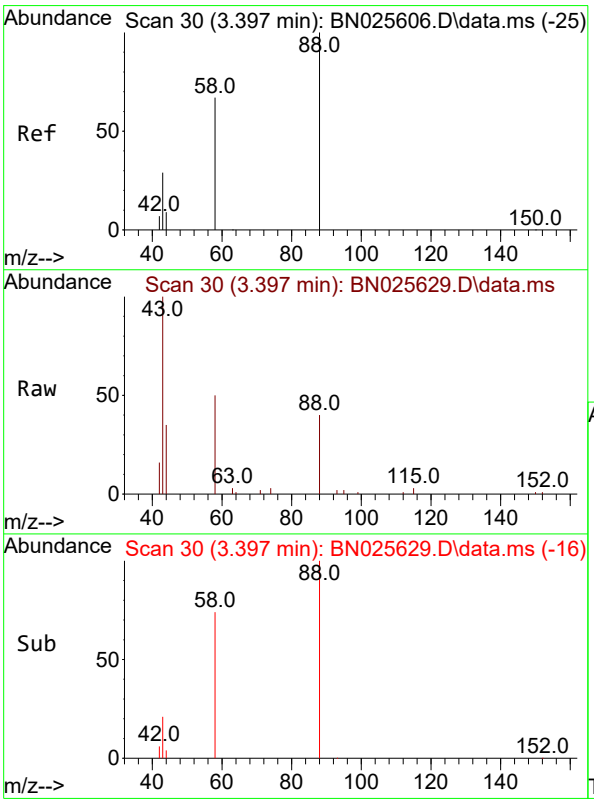
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:152 Resp: 7715

Ion	Ratio	Lower	Upper
152	100		
150	157.5	121.0	181.6
115	62.8	48.5	72.7

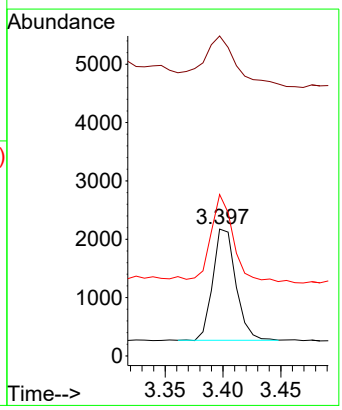


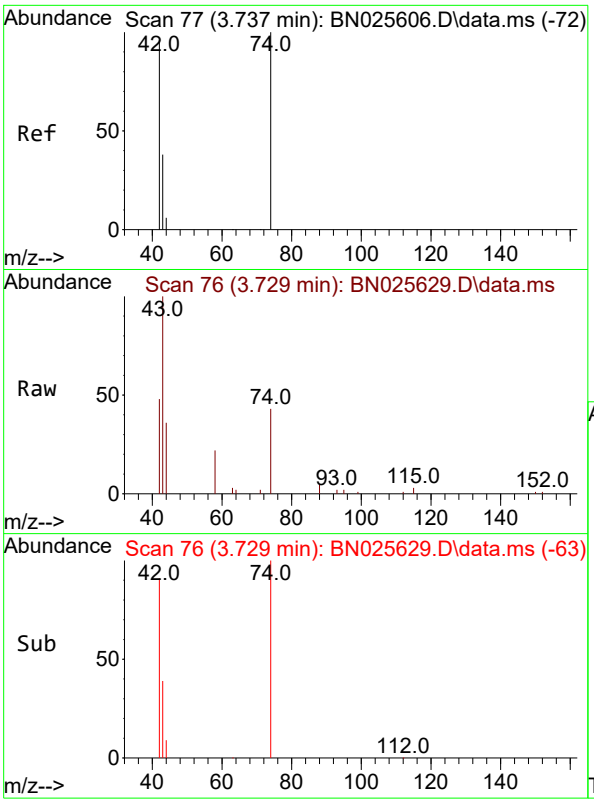


#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.397 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion: 88 Resp: 2648

Ion	Ratio	Lower	Upper
88	100		
43	58.5	26.5	39.7#
58	74.4	56.8	85.2



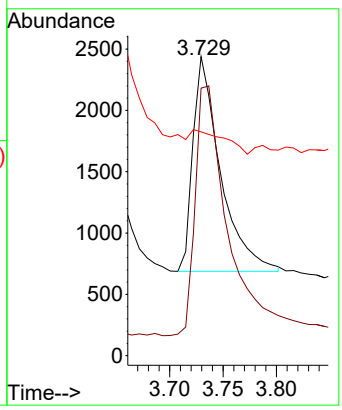


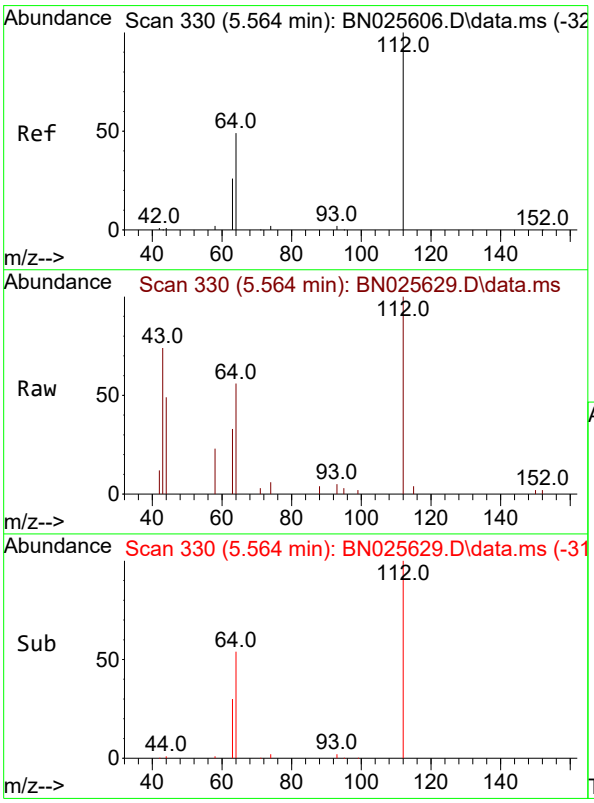
#3
n-Nitrosodimethylamine
Concen: 0.327 ng
RT: 3.729 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion: 42 Resp: 3146

Ion	Ratio	Lower	Upper
42	100		
74	136.3	82.2	123.2#
44	13.7	0.0	0.0#

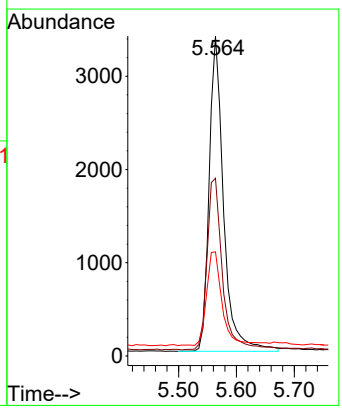


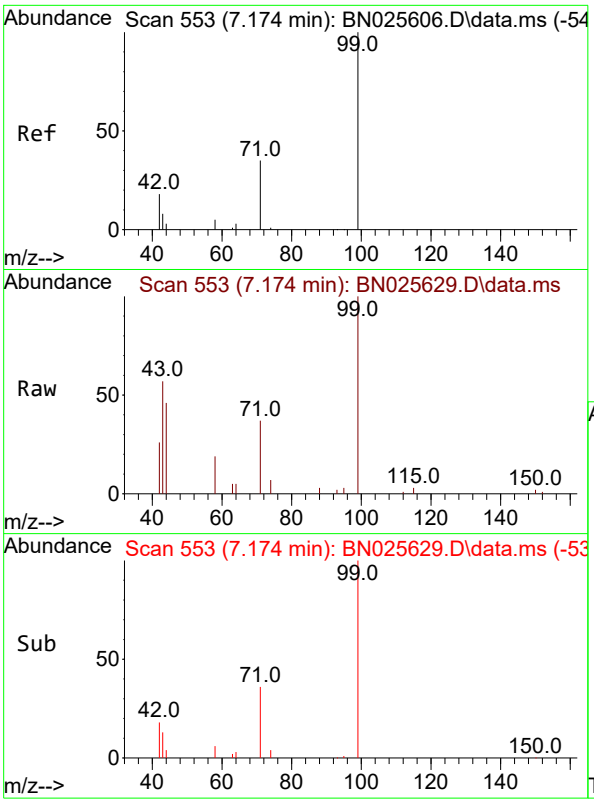


#4
2-Fluorophenol
Concen: 0.297 ng
RT: 5.564 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:112 Resp: 5863

Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.7	68.5
63	31.6	26.2	39.2



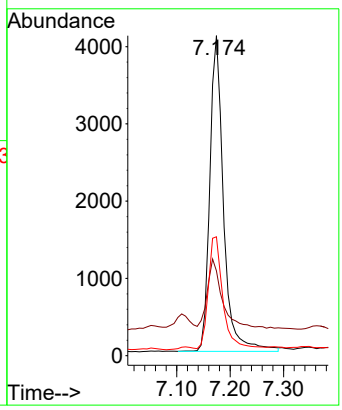


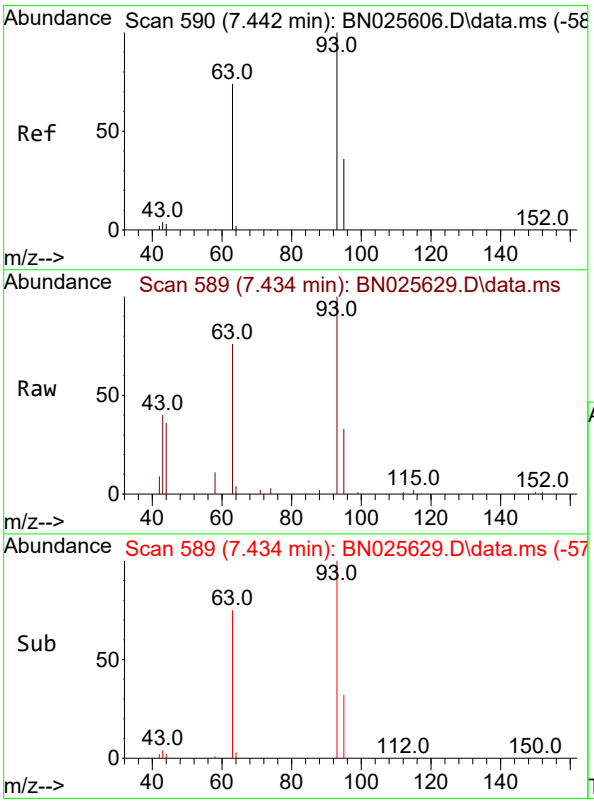
#5
Phenol-d6
Concen: 0.308 ng
RT: 7.174 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion: 99 Resp: 7306

Ion	Ratio	Lower	Upper
99	100		
42	23.5	17.1	25.7
71	37.6	29.3	43.9

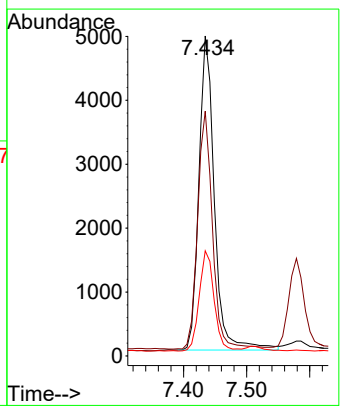


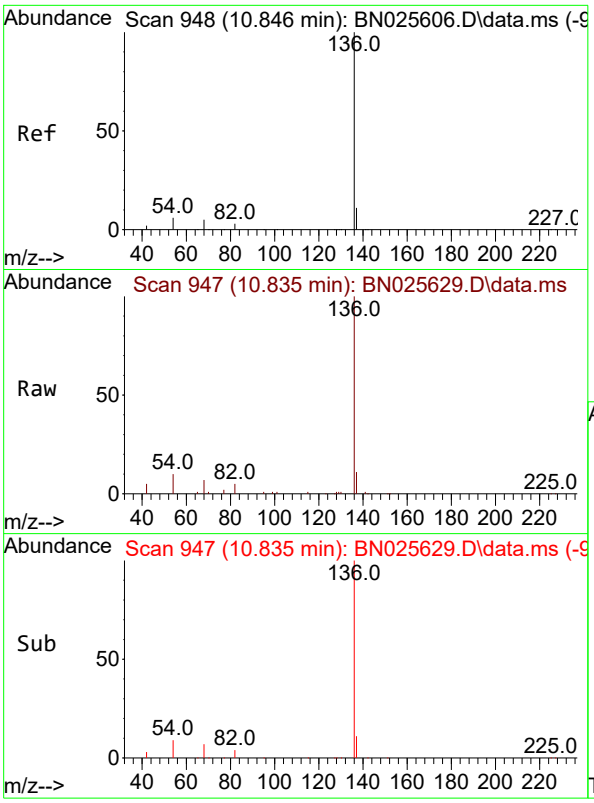


#6
bis(2-Chloroethyl)ether
Concen: 0.342 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.008 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion: 93 Resp: 8348

Ion	Ratio	Lower	Upper
93	100		
63	72.9	49.1	73.7
95	30.9	22.6	33.8



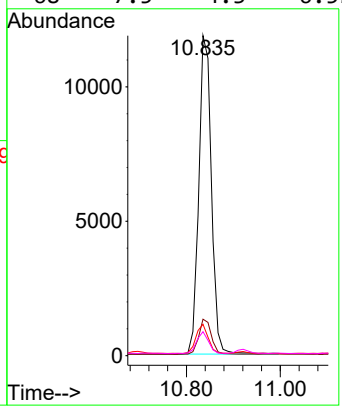


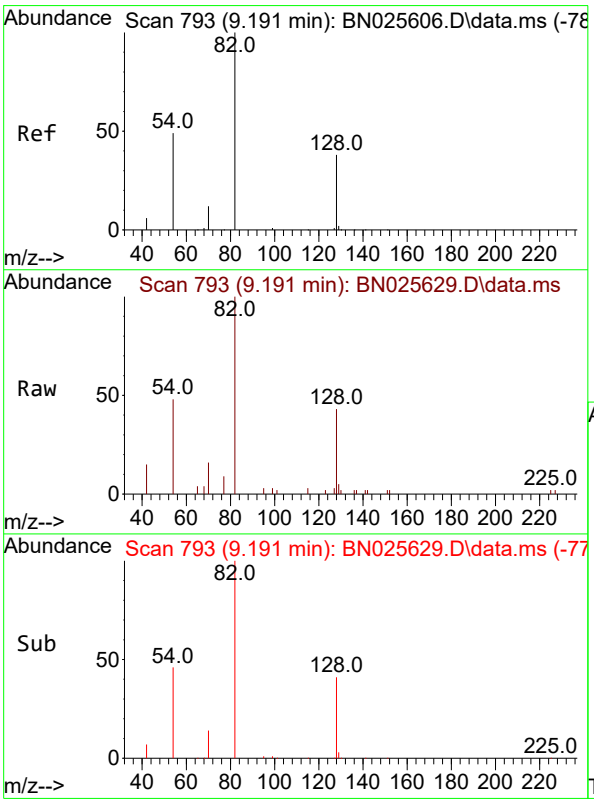
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:136 Resp: 22137

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.8	5.4	8.0#
68	7.5	4.3	6.5#

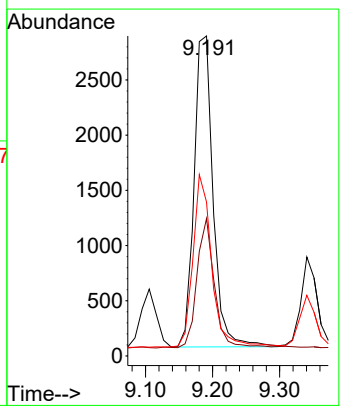


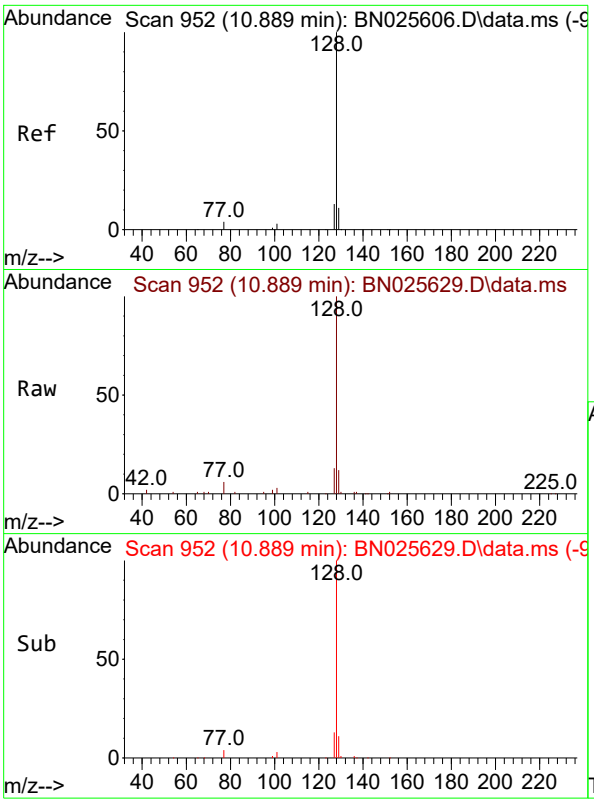


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion: 82 Resp: 5555

Ion	Ratio	Lower	Upper
82	100		
128	43.0	32.5	48.7
54	48.1	40.6	60.8



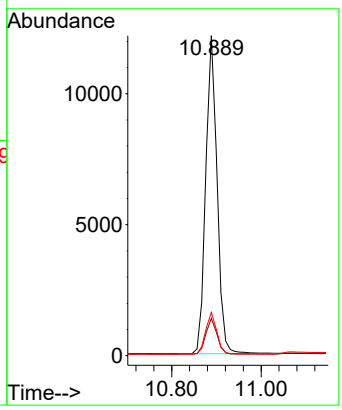


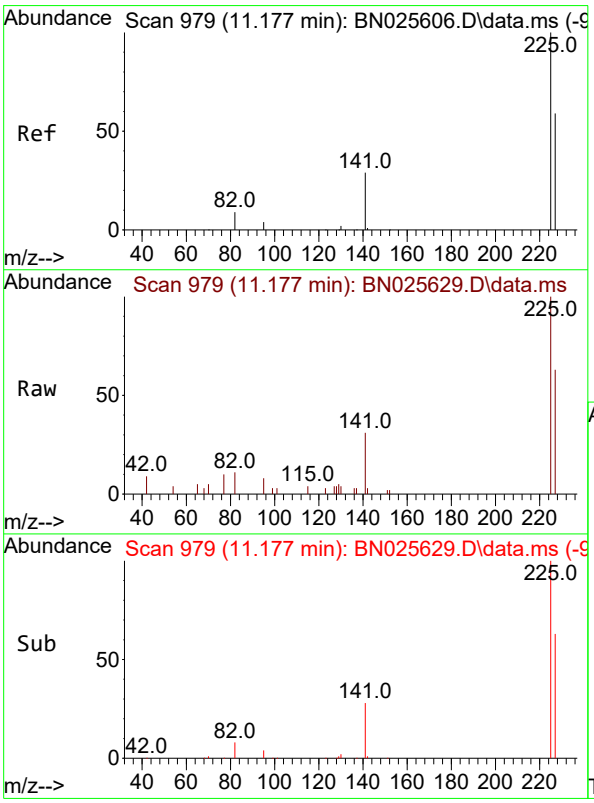
#9
Naphthalene
Concen: 0.353 ng
RT: 10.889 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:128 Resp: 21349

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	11.0	16.6

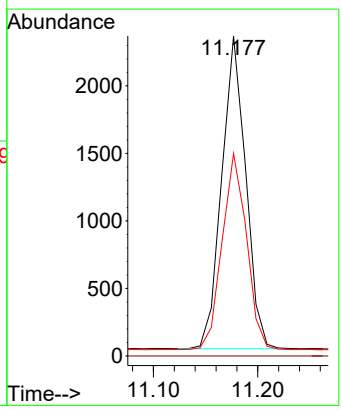


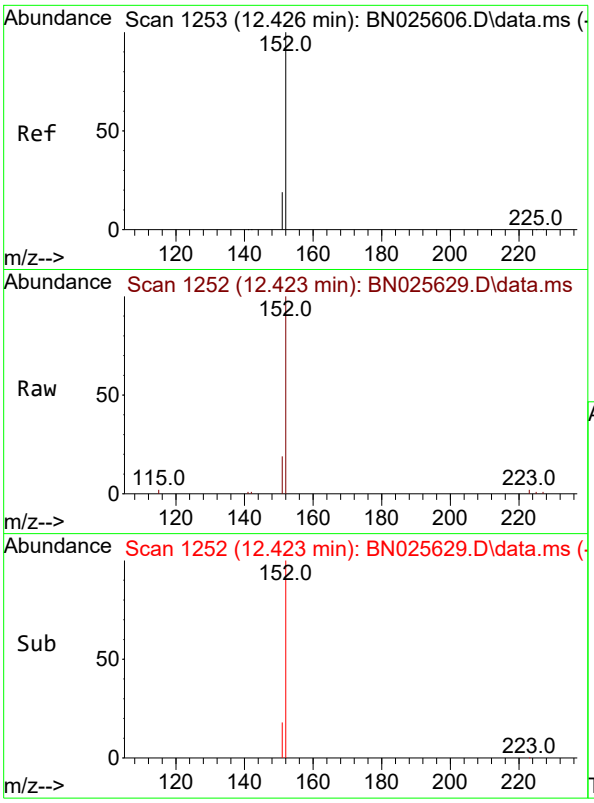


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 11.177 min Scan# 979
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:225 Resp: 3695

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	48.4	72.6



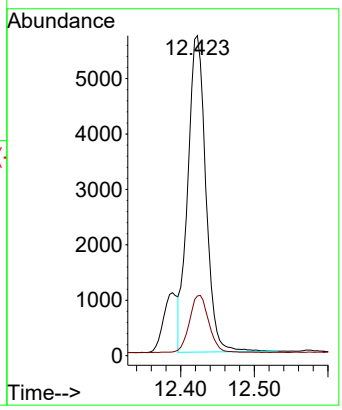


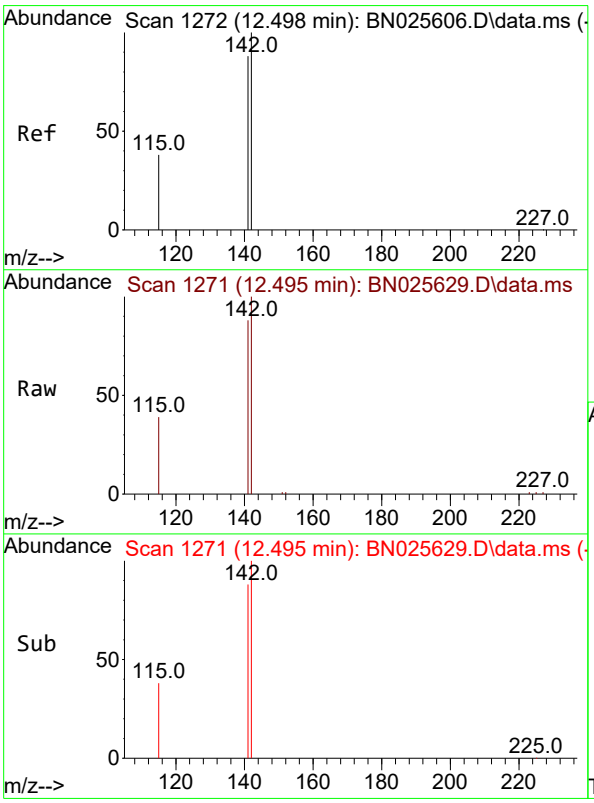
#11
2-Methylnaphthalene-d10
Concen: 0.307 ng
RT: 12.423 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:152 Resp: 9698

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1

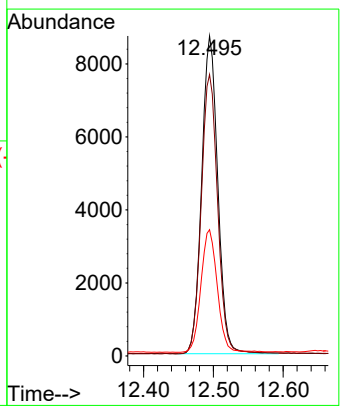


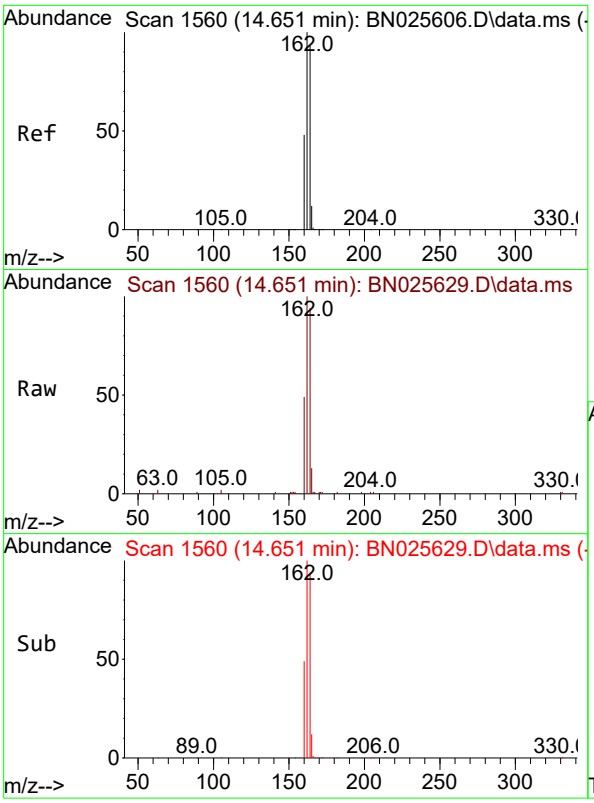


#12
2-Methylnaphthalene
Concen: 0.336 ng
RT: 12.495 min Scan# 1271
Delta R.T. -0.004 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:142 Resp: 13985

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.7	106.1
115	39.4	31.5	47.3



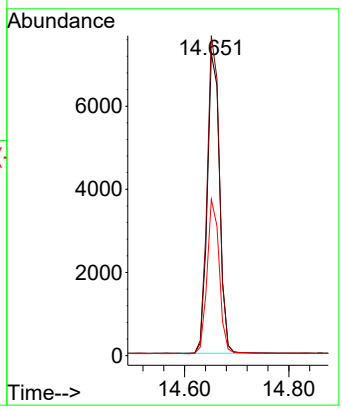


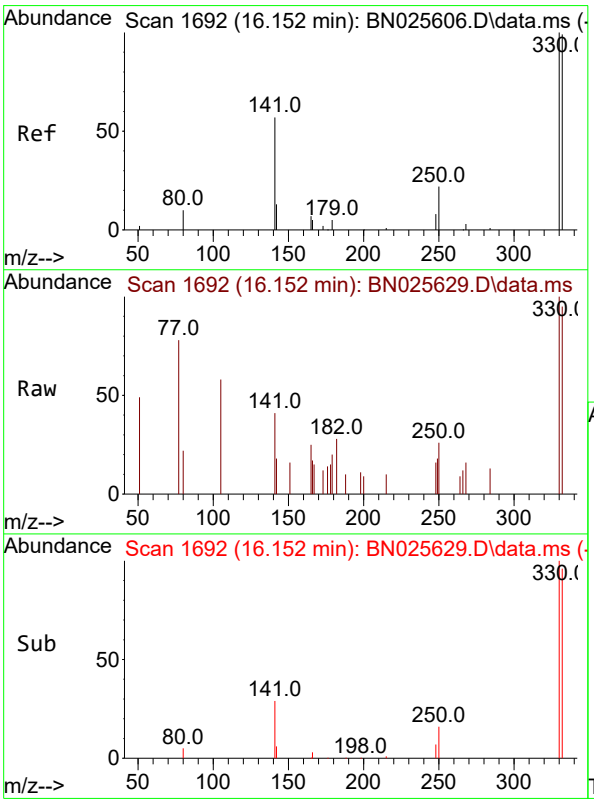
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:164 Resp: 11831

Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.4	129.6
160	51.8	41.9	62.9

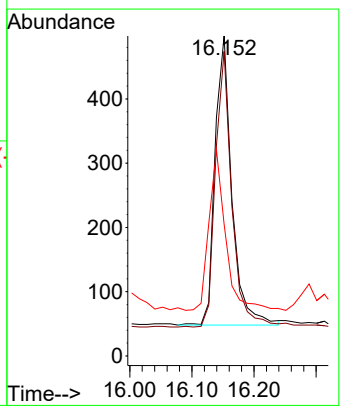


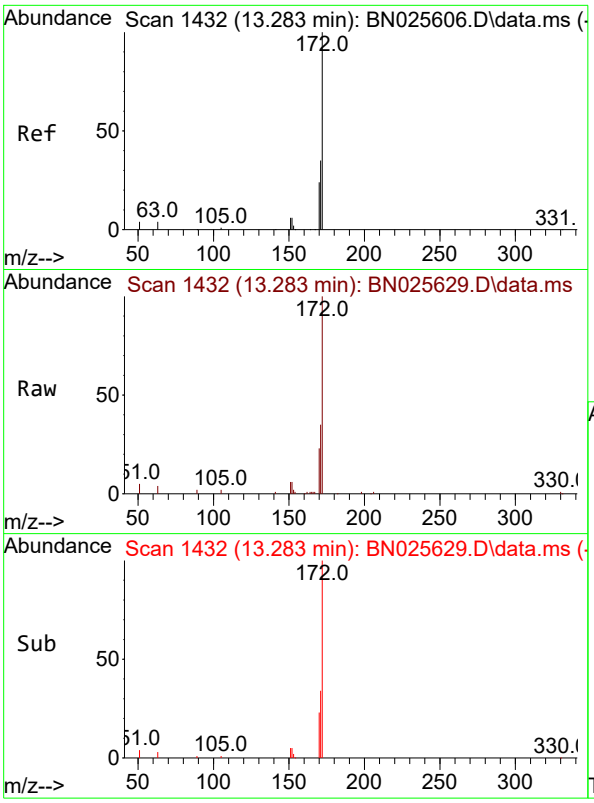


#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:330 Resp: 848

Ion	Ratio	Lower	Upper
330	100		
332	92.3	80.0	120.0
141	54.4	45.8	68.6



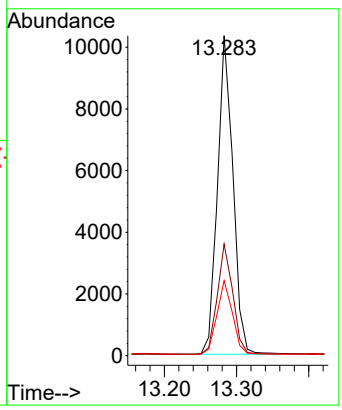


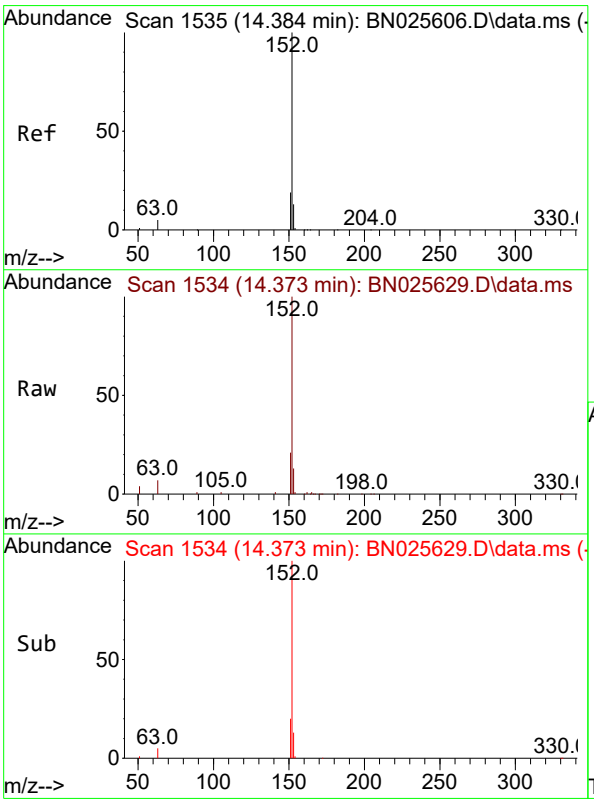
#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 13.283 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:172 Resp: 15344

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	23.5	19.7	29.5

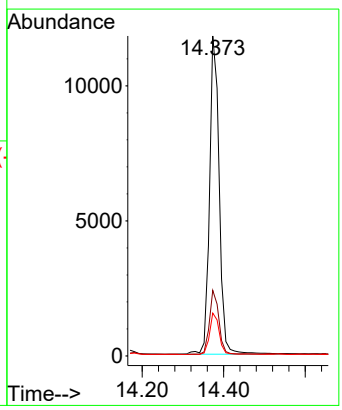


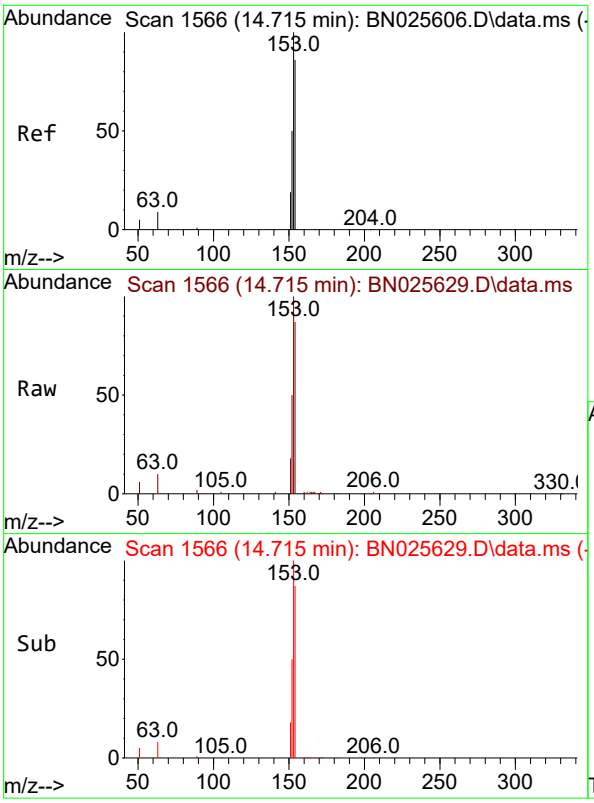


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.011 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:152 Resp: 19460

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.6	15.8



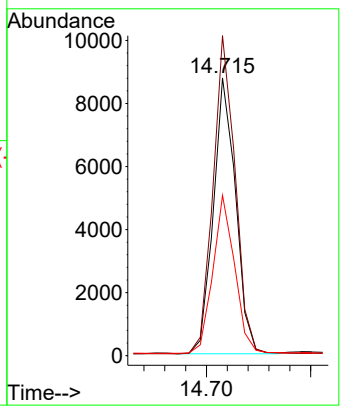


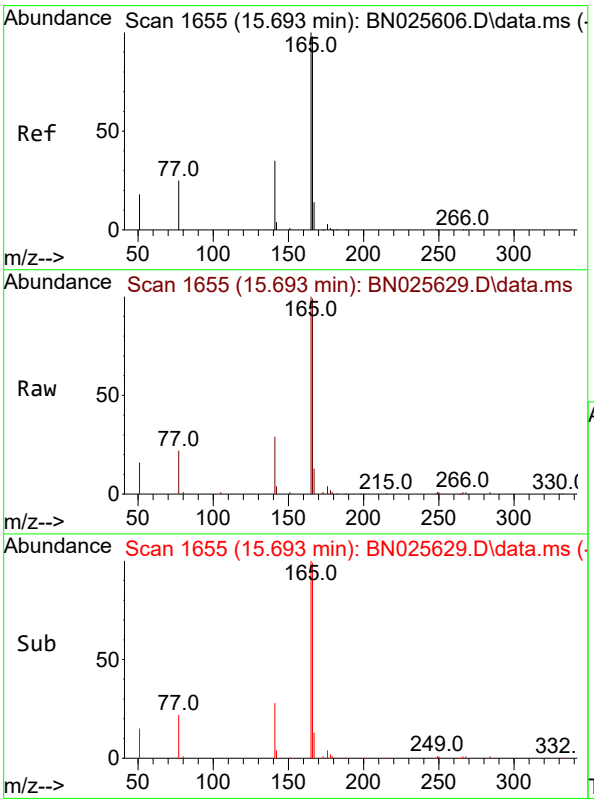
#17
Acenaphthene
Concen: 0.354 ng
RT: 14.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:154 Resp: 13014

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.9	137.9
152	56.3	45.4	68.2

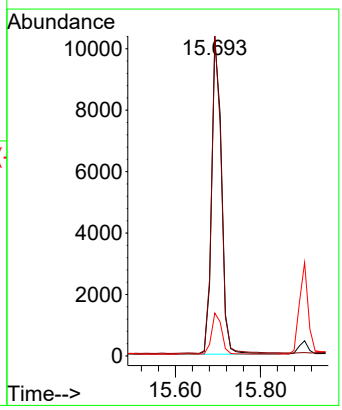


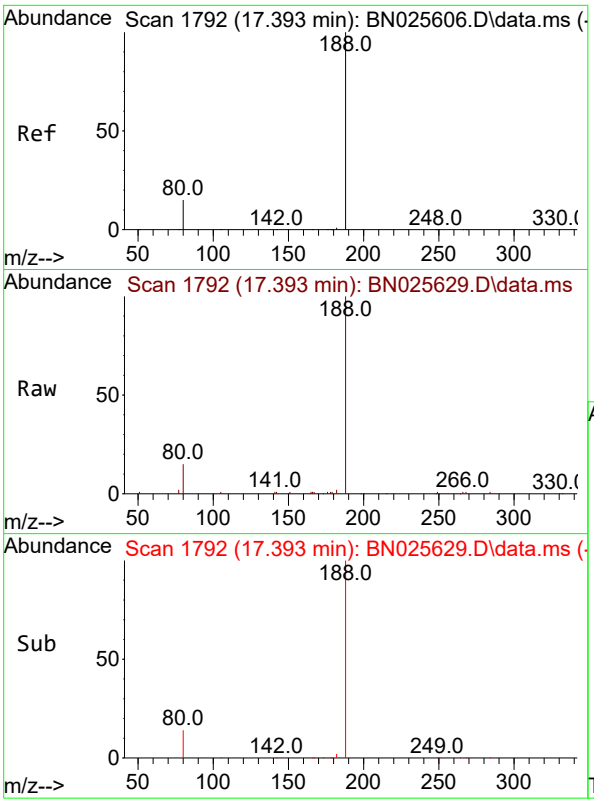


#18
Fluorene
Concen: 0.340 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:166 Resp: 16525

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.3	118.9
167	13.4	10.7	16.1



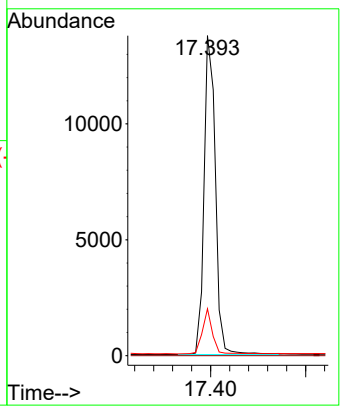


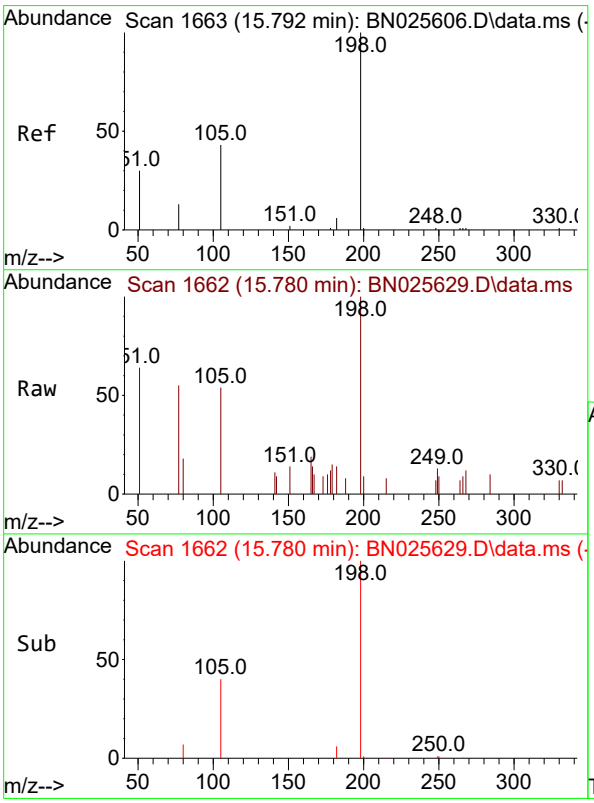
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:188 Resp: 22904

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	12.2	18.2

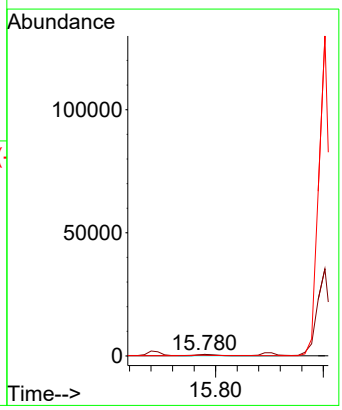


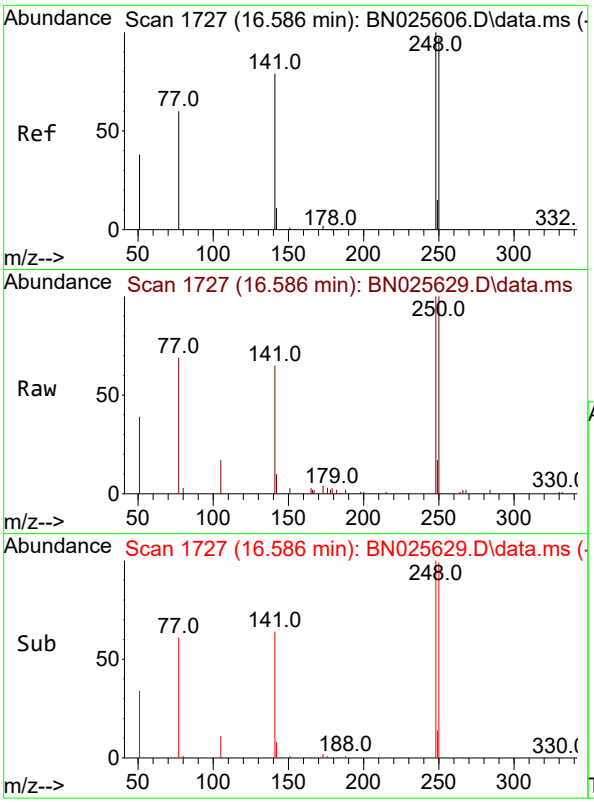


#20
4,6-Dinitro-2-methylphenol
Concen: 0.535 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:198 Resp: 1352

Ion	Ratio	Lower	Upper
198	100		
51	63.8	110.8	166.2#
105	54.4	61.9	92.9#



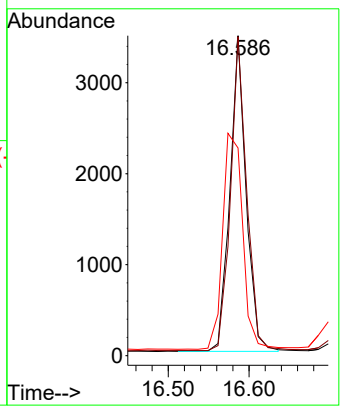


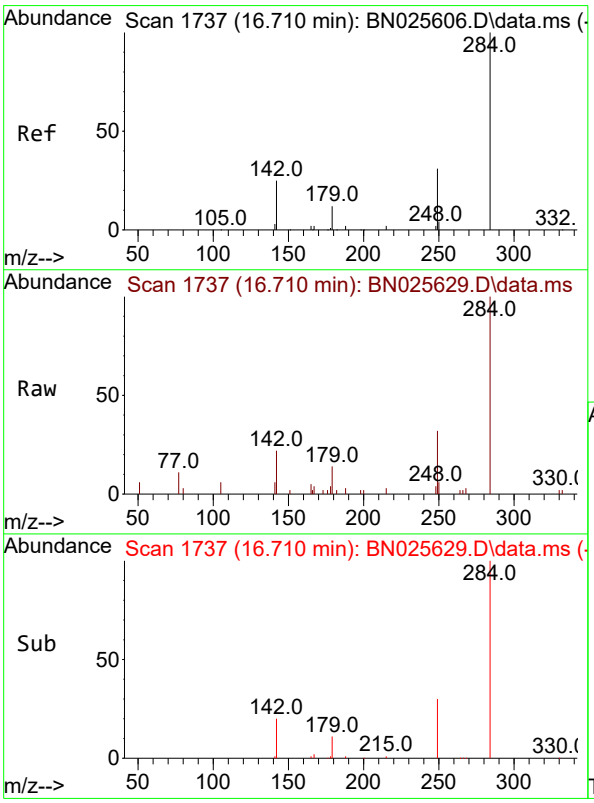
#21
4-Bromophenyl-phenylether
Concen: 0.370 ng
RT: 16.586 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:248 Resp: 4813

Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.5	116.3
141	64.9	64.0	96.0

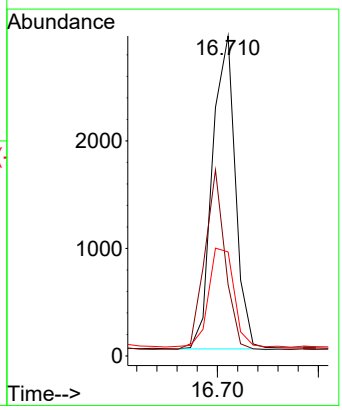


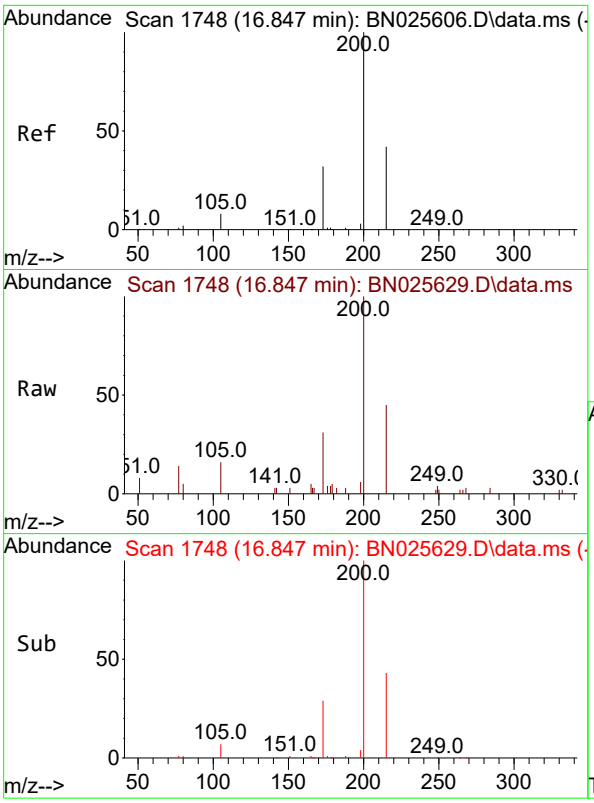


#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.710 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:284 Resp: 4592

Ion	Ratio	Lower	Upper
284	100		
142	51.2	42.0	63.0
249	34.8	28.6	43.0



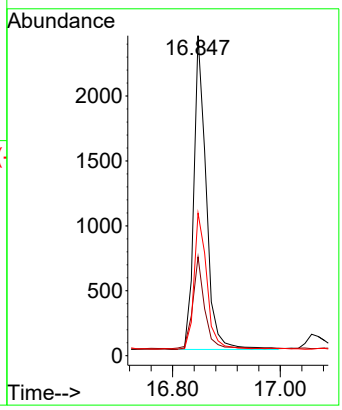


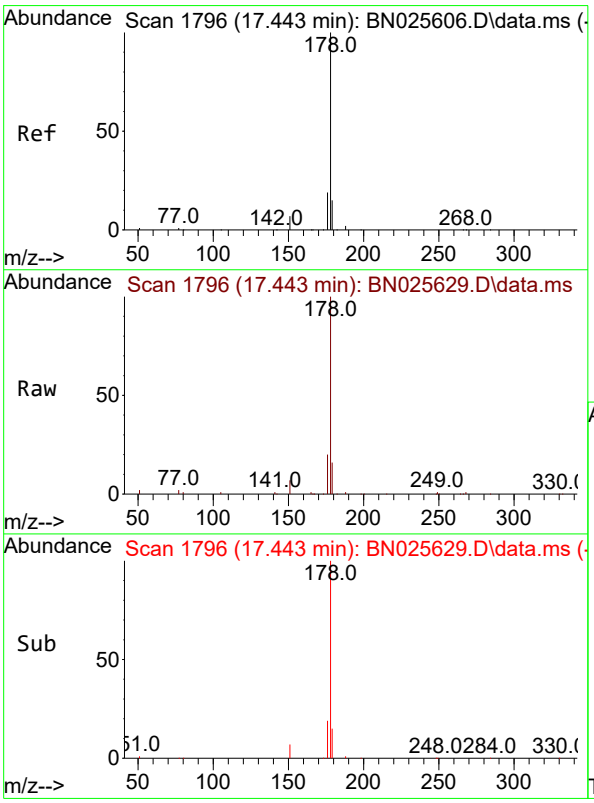
#23
Atrazine
Concen: 0.371 ng
RT: 16.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:200 Resp: 3845

Ion	Ratio	Lower	Upper
200	100		
173	30.9	27.9	41.9
215	44.5	35.1	52.7

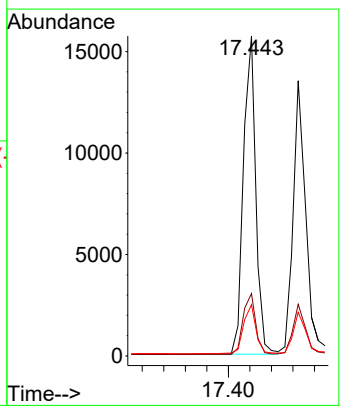


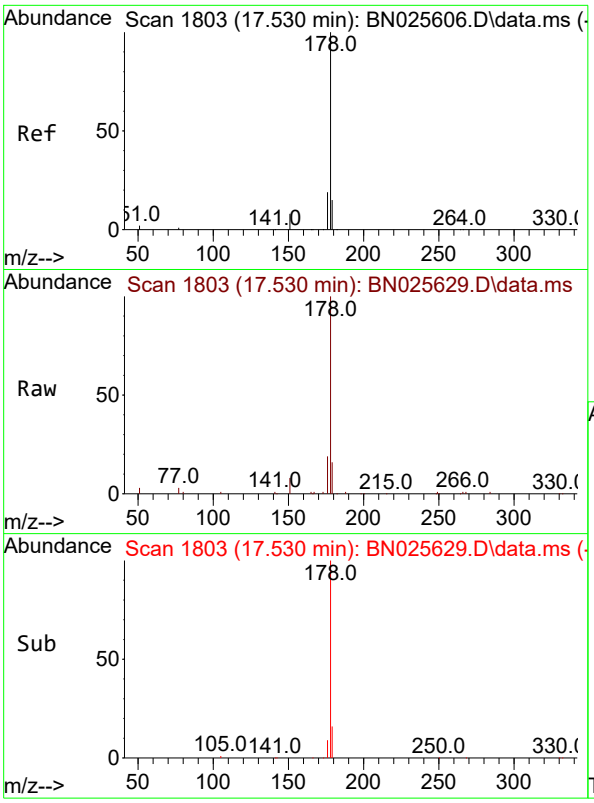


#25
Phenanthrene
Concen: 0.359 ng
RT: 17.443 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:178 Resp: 25048

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0



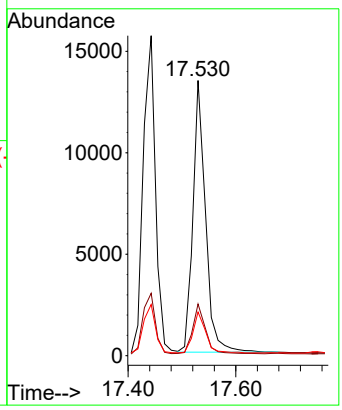


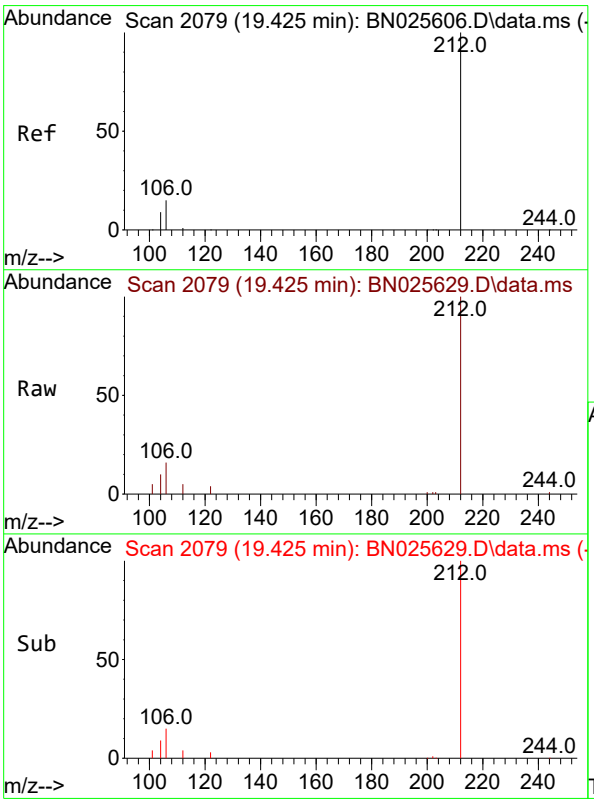
#26
Anthracene
Concen: 0.346 ng
RT: 17.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:178 Resp: 21822

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.2

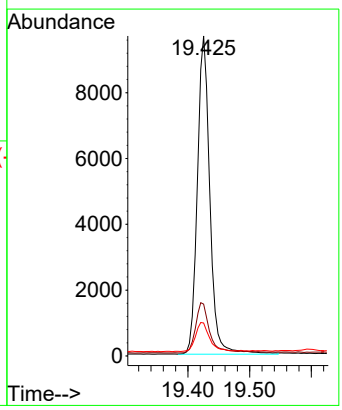


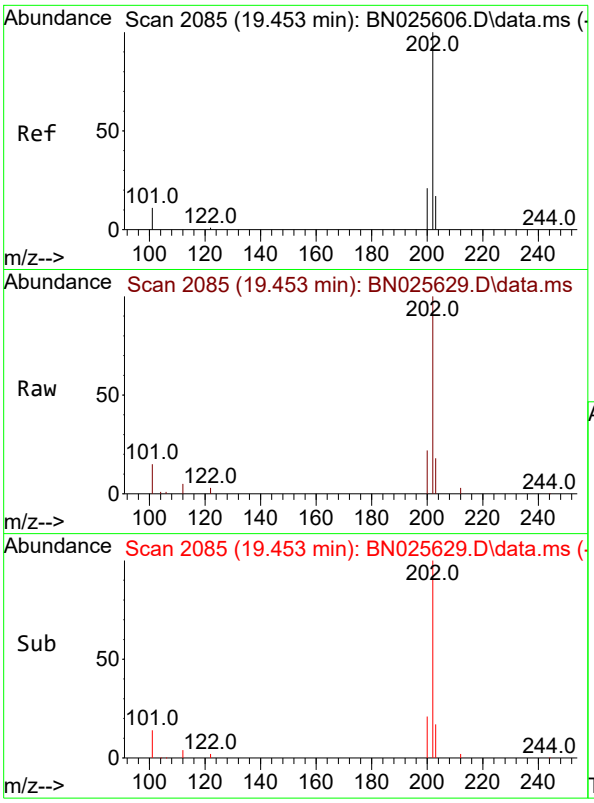


#27
Fluoranthene-d10
Concen: 0.263 ng
RT: 19.425 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:212 Resp: 13628

Ion	Ratio	Lower	Upper
212	100		
106	17.4	12.3	18.5
104	10.4	7.2	10.8



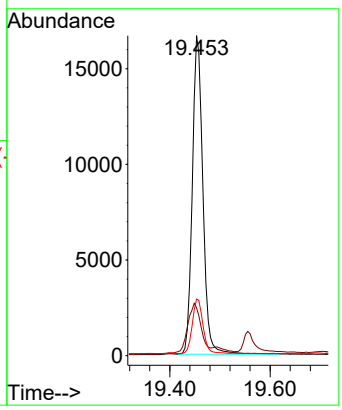


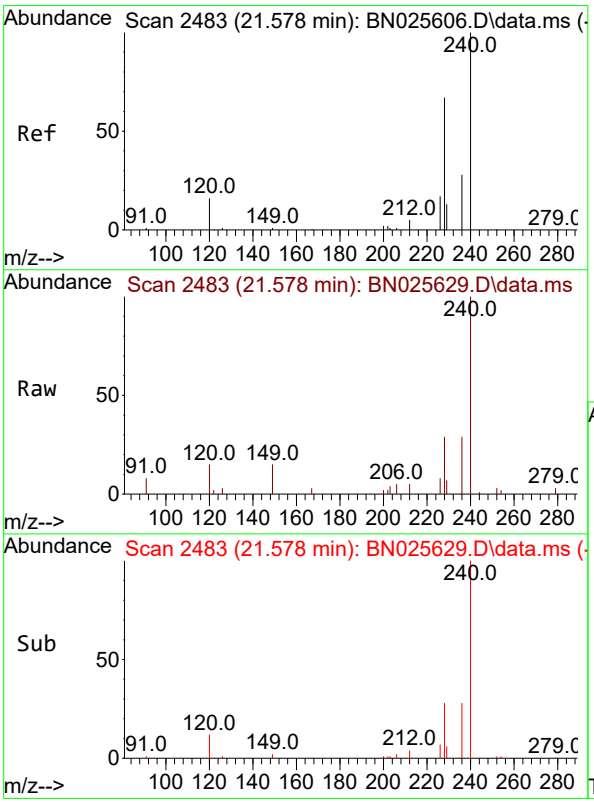
#28
Fluoranthene
Concen: 0.321 ng
RT: 19.453 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:202 Resp: 24385

Ion	Ratio	Lower	Upper
202	100		
101	20.0	9.2	13.8#
203	17.4	13.3	19.9

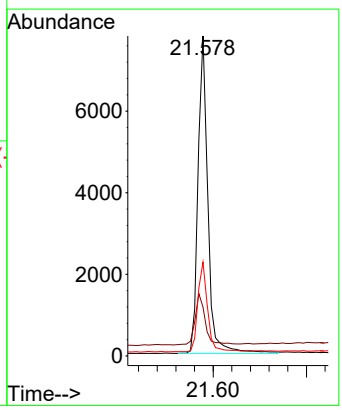


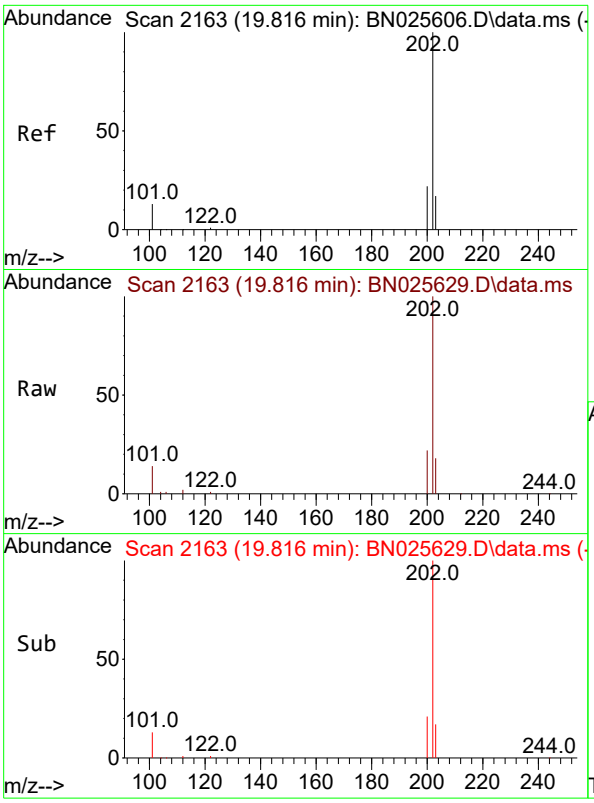


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:240 Resp: 11471

Ion	Ratio	Lower	Upper
240	100		
120	15.2	15.4	23.0#
236	29.4	23.2	34.8



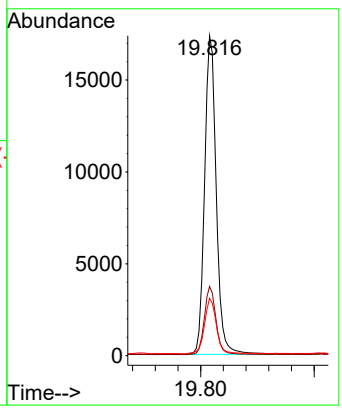


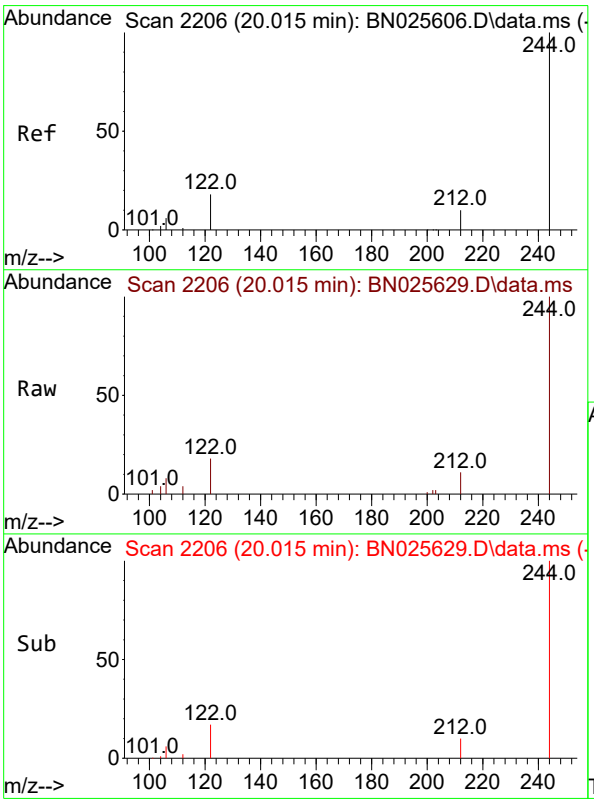
#30
Pyrene
Concen: 0.442 ng
RT: 19.816 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:202 Resp: 24703

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.7	14.5	21.7

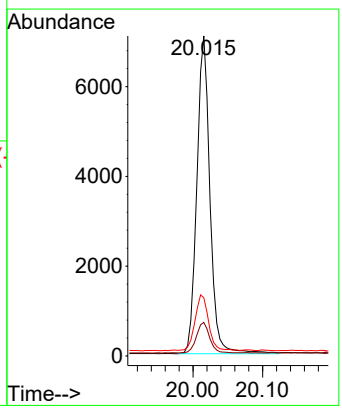


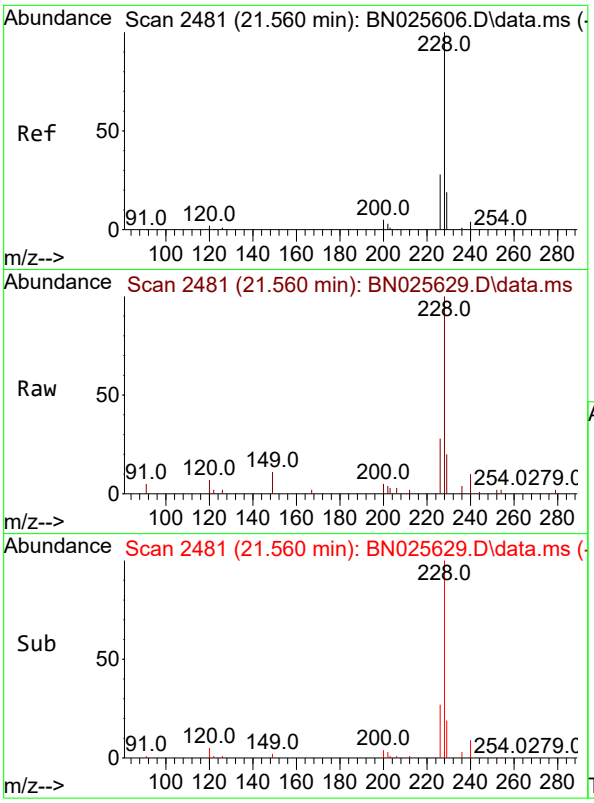


#31
Terphenyl-d14
Concen: 0.369 ng
RT: 20.015 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:244 Resp: 9270

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.5	12.7
122	18.2	14.9	22.3



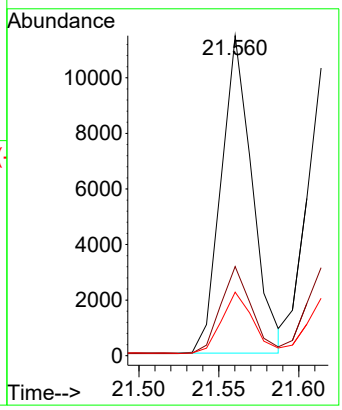


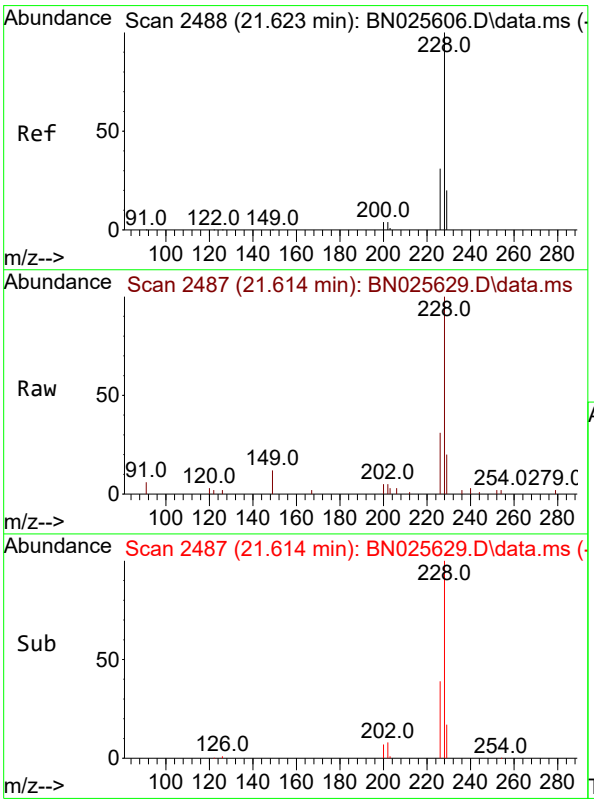
#32
Benzo(a)anthracene
Concen: 0.363 ng
RT: 21.560 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:228 Resp: 15499

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.9	34.3
229	19.9	15.9	23.9

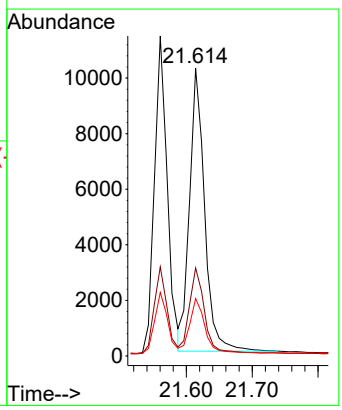


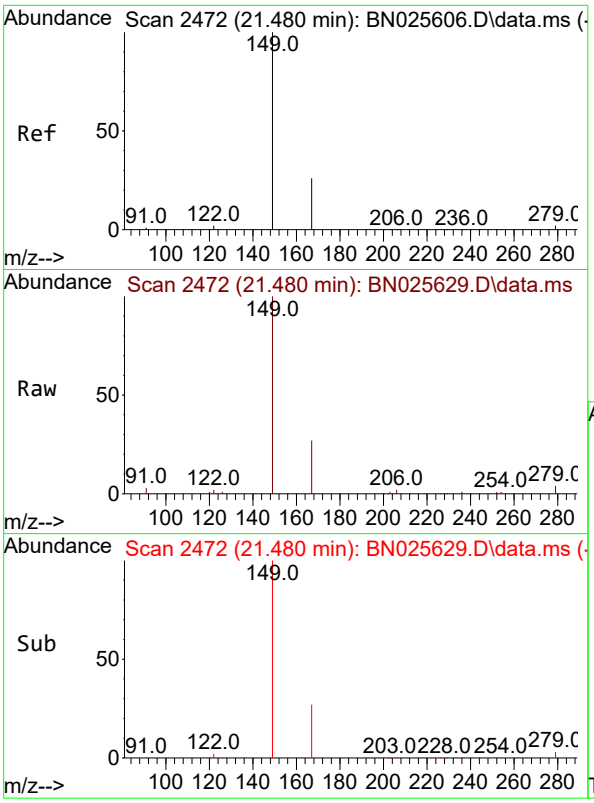


#33
Chrysene
Concen: 0.348 ng
RT: 21.614 min Scan# 2487
Delta R.T. -0.009 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:228 Resp: 16142

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	20.0	16.2	24.4



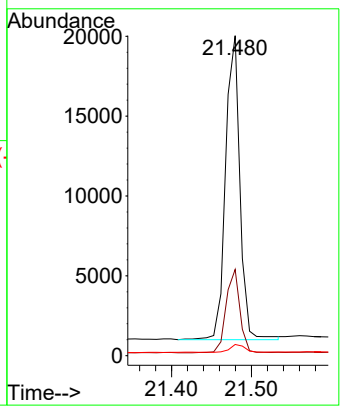


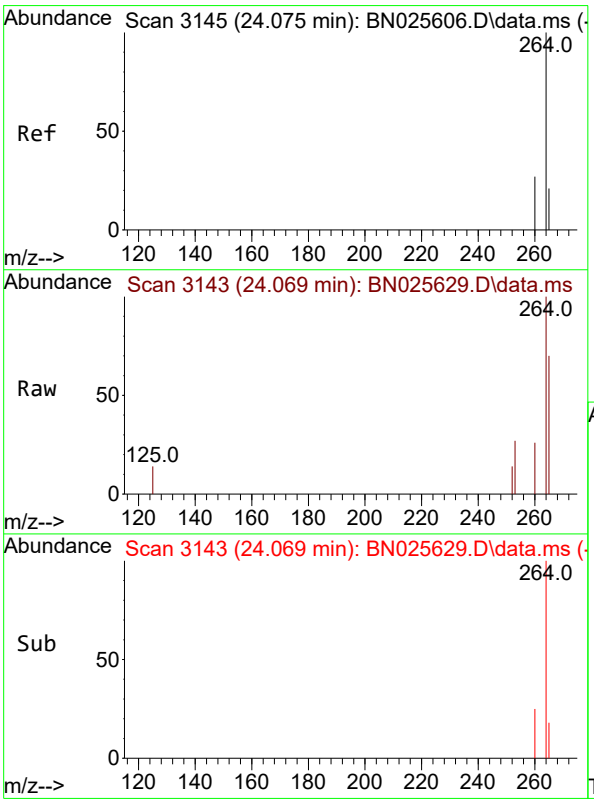
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.913 ng
RT: 21.480 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:149 Resp: 23764

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.4	30.6
279	2.6	3.3	4.9#

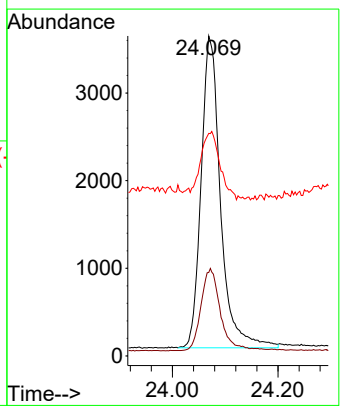


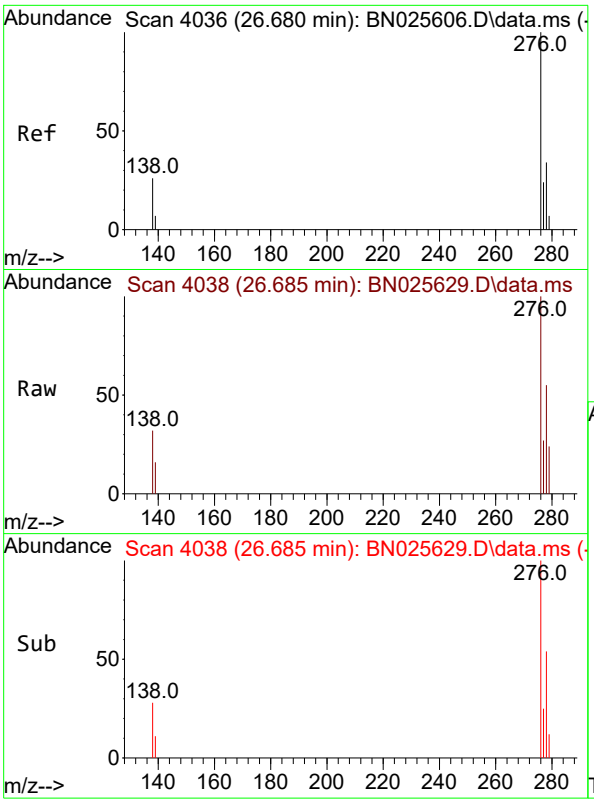


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.069 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:264 Resp: 9056

Ion	Ratio	Lower	Upper
264	100		
260	26.1	22.3	33.5
265	69.6	54.3	81.5



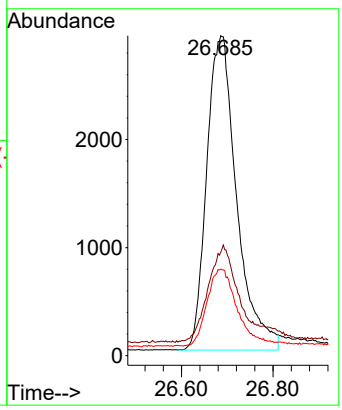


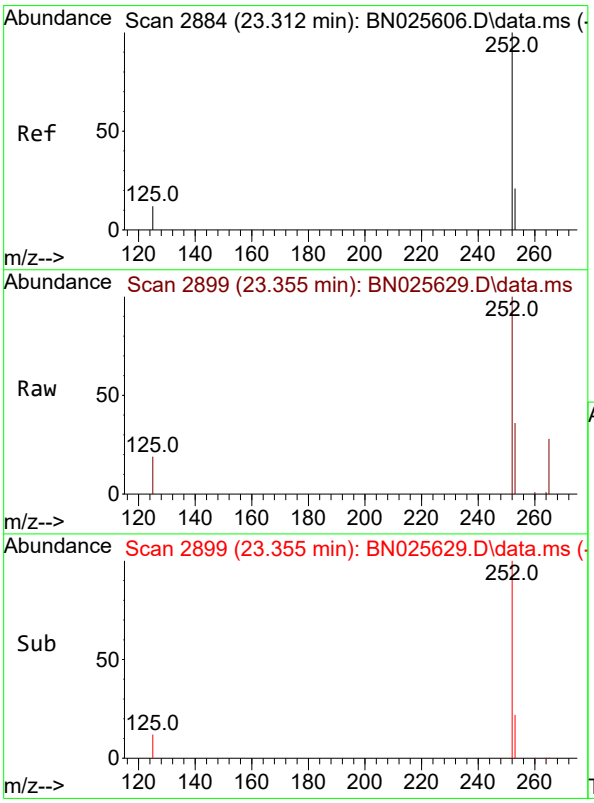
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.685 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:276 Resp: 13225

Ion	Ratio	Lower	Upper
276	100		
138	30.6	10.5	15.7#
277	24.7	9.2	13.8#

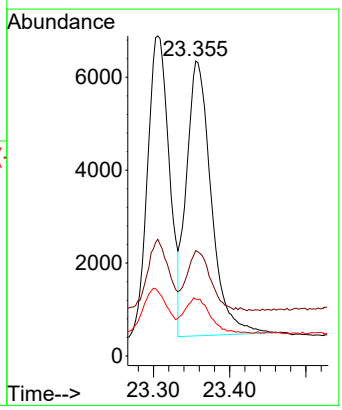


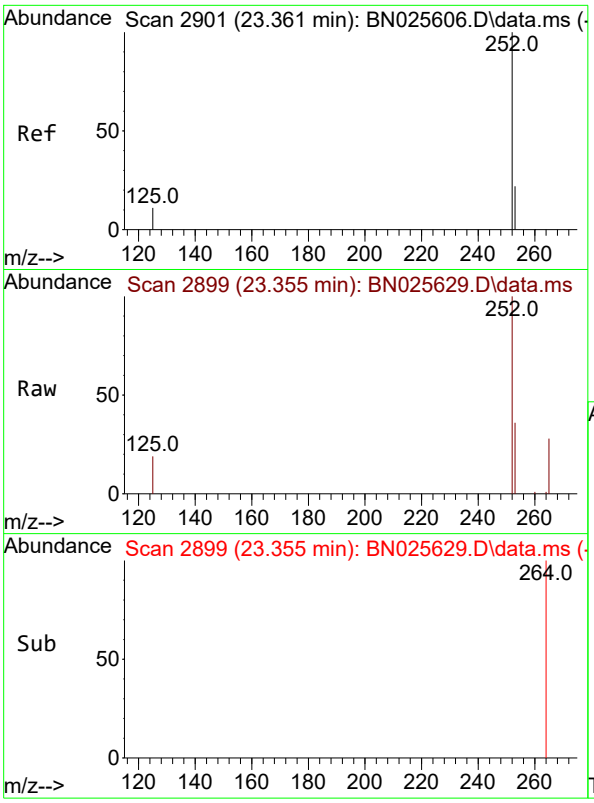


#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.355 min Scan# 2899
Delta R.T. 0.044 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:252 Resp: 13415

Ion	Ratio	Lower	Upper
252	100		
253	35.8	26.2	39.4
125	19.3	12.9	19.3



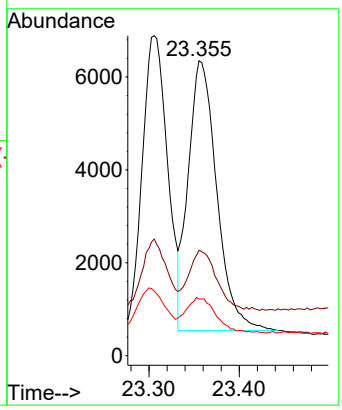


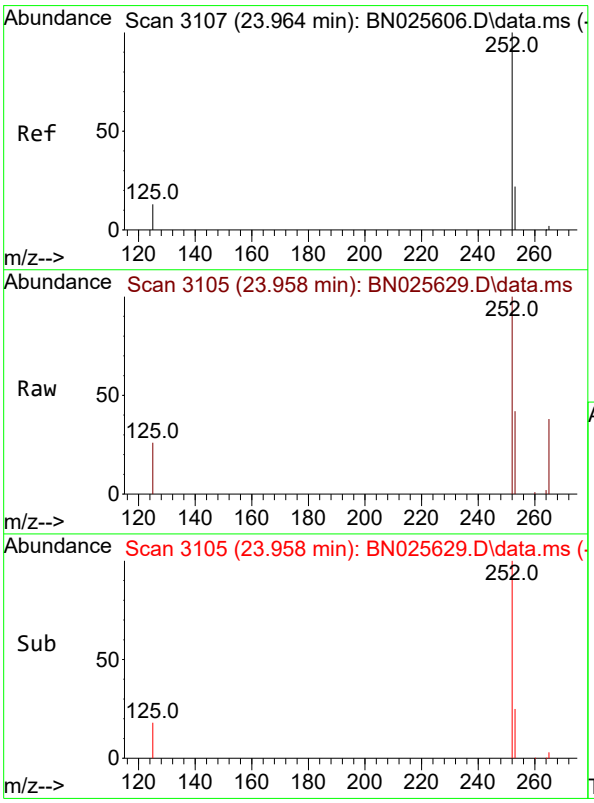
#38
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.355 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:252 Resp: 12791

Ion	Ratio	Lower	Upper
252	100		
253	35.8	26.1	39.1
125	19.3	12.5	18.7#

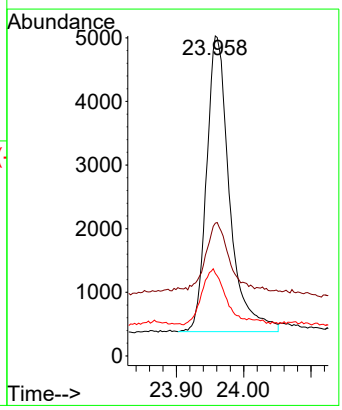


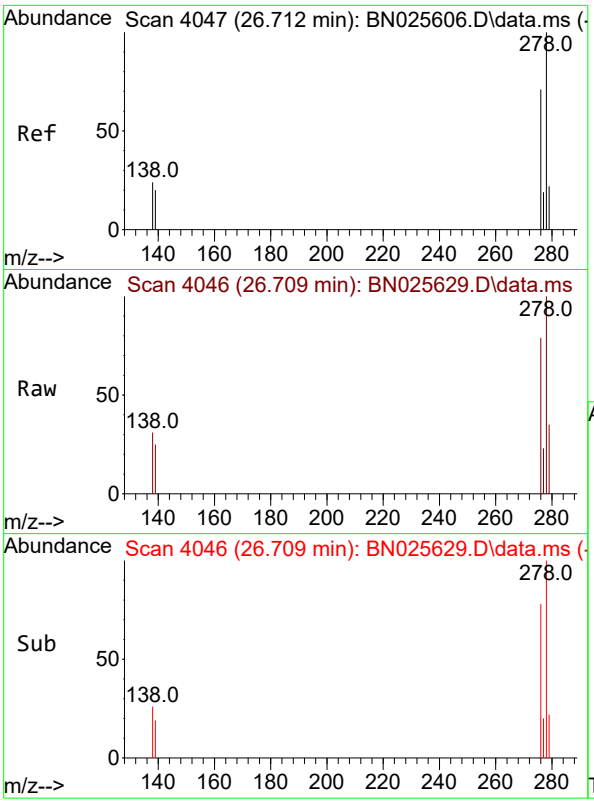


#39
Benzo(a)pyrene
Concen: 0.334 ng
RT: 23.958 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:252 Resp: 11000

Ion	Ratio	Lower	Upper
252	100		
253	41.5	30.2	45.2
125	25.8	14.8	22.2#



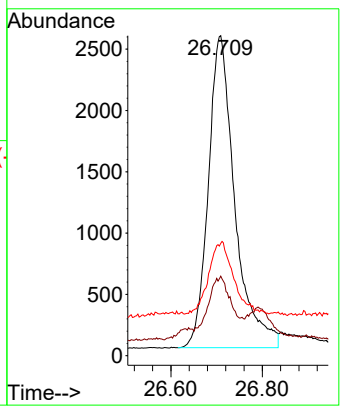


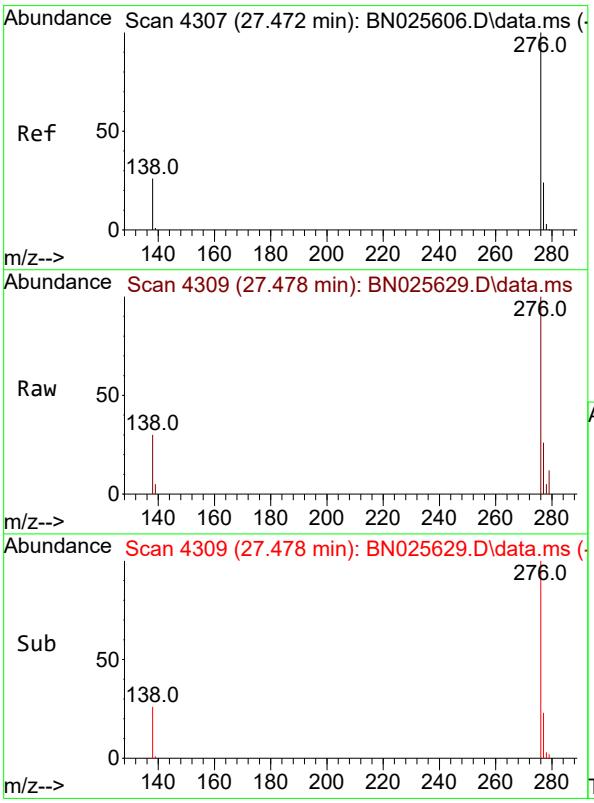
#40
Dibenzo(a,h)anthracene
Concen: 0.372 ng
RT: 26.709 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MSD

Tgt Ion:278 Resp: 10227

Ion	Ratio	Lower	Upper
278	100		
139	24.9	18.6	28.0
279	35.1	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.378 ng
RT: 27.478 min Scan# 4309
Delta R.T. 0.006 min
Lab File: BN025629.D
Acq: 27 May 2023 04:30

Tgt Ion:276 Resp: 11865

Ion	Ratio	Lower	Upper
276	100		
277	26.1	21.4	32.0
138	30.1	22.8	34.2