Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025416.D
Acq On : 12 May 2023 00:55
Operator : CG/JU
Sample : PB152722BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Quant Time: May 12 04:12:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	8411	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	27344	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	15766	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	32626	0.400	ng		0.00
29) Chrysene-d12	21.482	240	22984	0.400	ng		#-0.01
35) Perylene-d12	23.907	264	21786	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	8043	0.413	ng		0.00
5) Phenol-d6	7.073	99	11015	0.416	ng		0.00
8) Nitrobenzene-d5	9.074	82	8740	0.395	ng		-0.01
11) 2-Methylnaphthalene-d10	12.302	152	15552	0.431	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	3339	0.397	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	24068	0.440	ng		0.00
27) Fluoranthene-d10	19.330	212	31351	0.420	ng		0.00
31) Terphenyl-d14	19.920	244	23937	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3471	0.447	ng		98
3) n-Nitrosodimethylamine	3.650	42	5577	0.448	ng		92
6) bis(2-Chloroethyl)ether	7.326	93	7964	0.394	ng		99
9) Naphthalene	10.760	128	29976	0.435	ng		99
10) Hexachlorobutadiene	11.027	225	5773	0.432	ng	#	99
12) 2-Methylnaphthalene	12.377	142	20496	0.430	ng		99
16) Acenaphthylene	14.266	152	30645	0.418	ng		99
17) Acenaphthene	14.608	154	19062	0.440	ng		99
18) Fluorene	15.592	166	24973	0.435	ng		100
20) 4,6-Dinitro-2-methylph...	15.722	198	486	0.444	ng		82
21) 4-Bromophenyl-phenylether	16.479	248	7874	0.428	ng	#	78
22) Hexachlorobenzene	16.603	284	9006	0.443	ng		100
23) Atrazine	16.752	200	5891	0.395	ng		98
24) Pentachlorophenol	16.963	266	2919	0.360	ng		97
25) Phenanthrene	17.336	178	38478	0.436	ng		100
26) Anthracene	17.435	178	34958	0.408	ng		100
28) Fluoranthene	19.359	202	43035	0.421	ng		99
30) Pyrene	19.722	202	43713	0.451	ng		100
32) Benzo(a)anthracene	21.464	228	34645	0.442	ng		97
33) Chrysene	21.518	228	34892	0.459	ng		97
34) Bis(2-ethylhexyl)phtha...	21.374	149	28924	0.383	ng		99
36) Indeno(1,2,3-cd)pyrene	26.421	276	33686	0.421	ng		98
37) Benzo(b)fluoranthene	23.164	252	29158	0.408	ng	#	91
38) Benzo(k)fluoranthene	23.214	252	30895	0.420	ng	#	90
39) Benzo(a)pyrene	23.799	252	29120	0.418	ng	#	88
40) Dibenzo(a,h)anthracene	26.436	278	26852	0.421	ng	#	90
41) Benzo(g,h,i)perylene	27.199	276	28981	0.430	ng		92

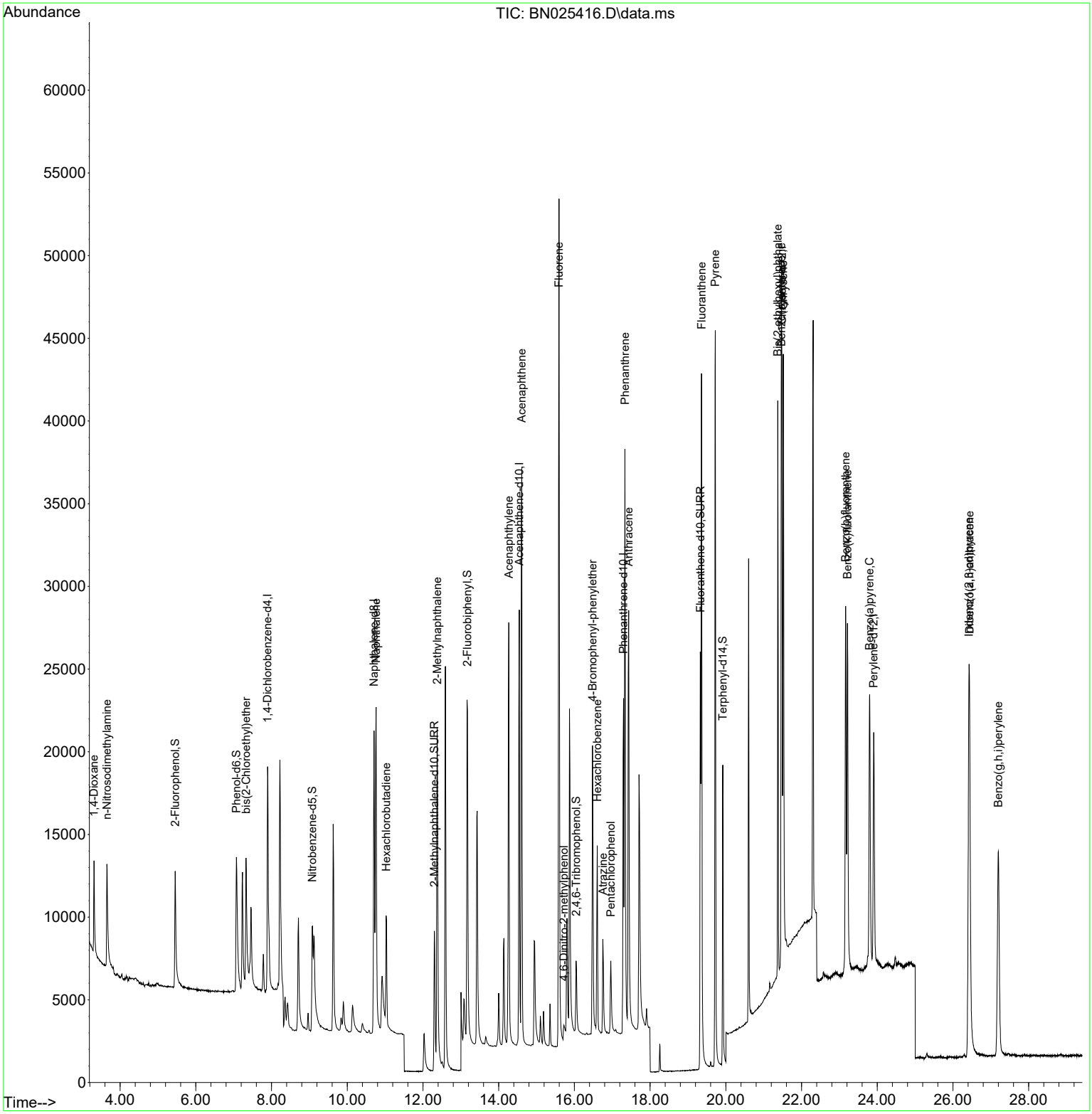
(#) = qualifier out of range (m) = manual integration (+) = signals summed

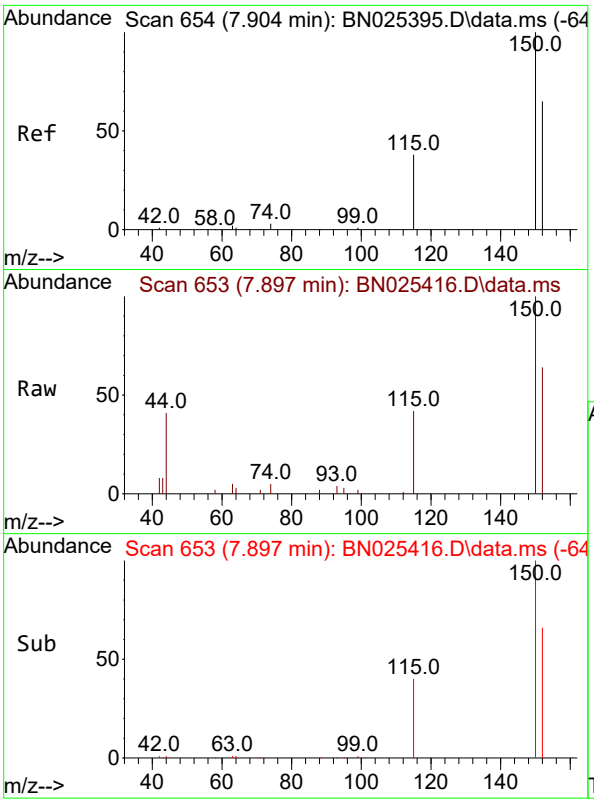
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025416.D
Acq On : 12 May 2023 00:55
Operator : CG/JU
Sample : PB152722BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Quant Time: May 12 04:12:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration



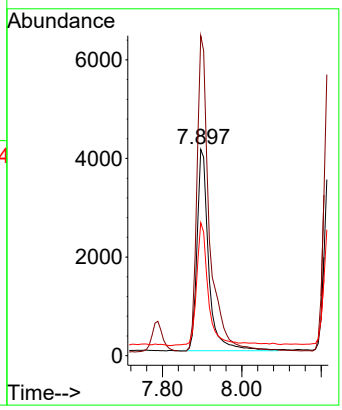


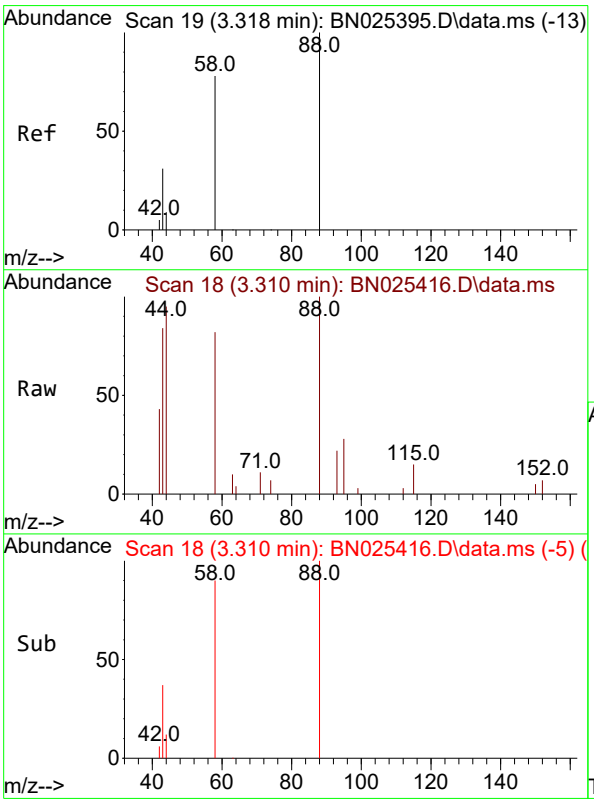
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:152 Resp: 8411

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.4	182.2
115	64.4	50.6	76.0

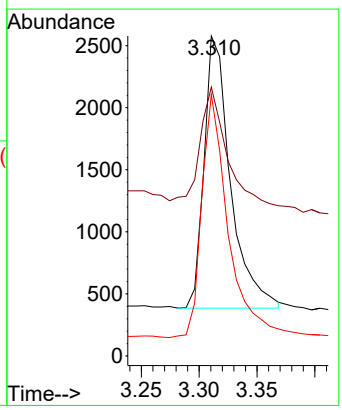


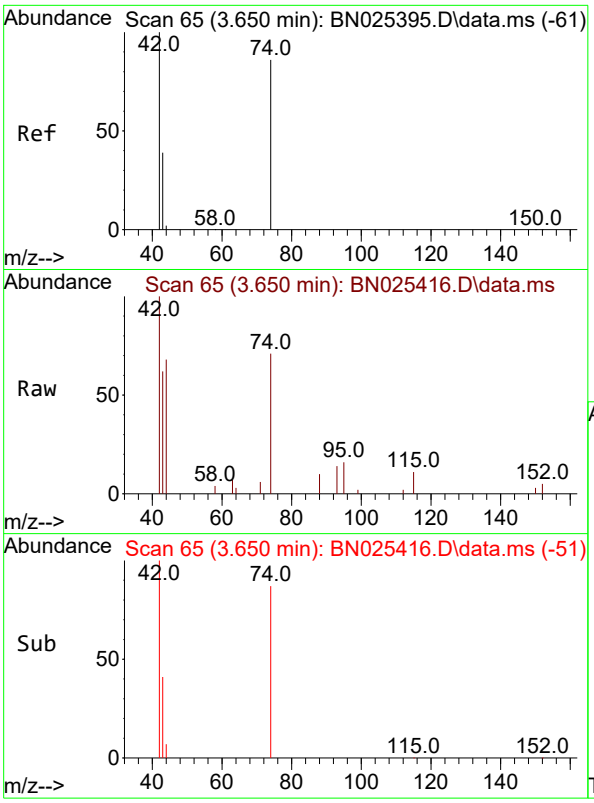


#2
1,4-Dioxane
Concen: 0.447 ng
RT: 3.310 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion: 88 Resp: 3471

Ion	Ratio	Lower	Upper
88	100		
43	43.8	37.4	56.2
58	89.2	71.5	107.3



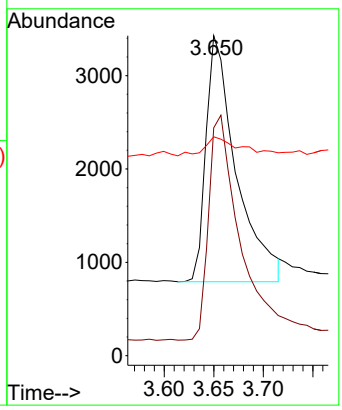


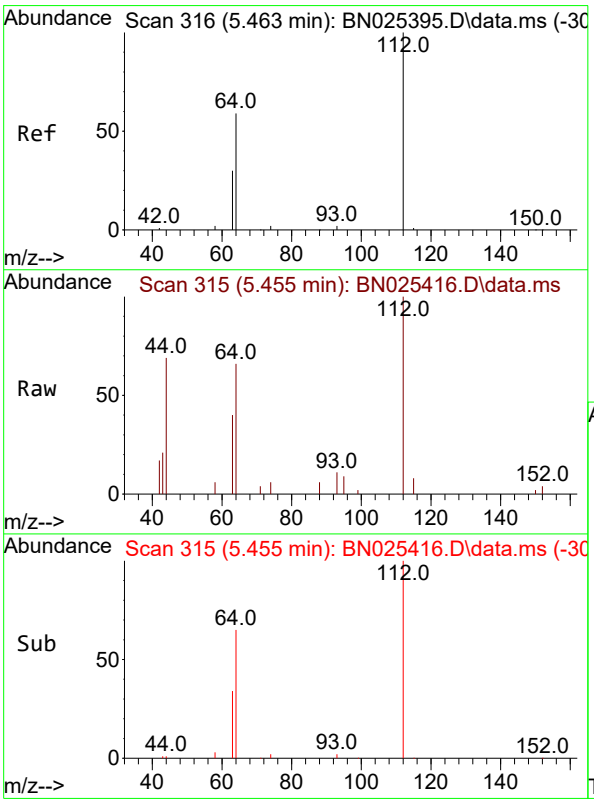
#3
n-Nitrosodimethylamine
Concen: 0.448 ng
RT: 3.650 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion: 42 Resp: 5577

Ion	Ratio	Lower	Upper
42	100		
74	94.0	82.2	123.4
44	9.1	7.8	11.8

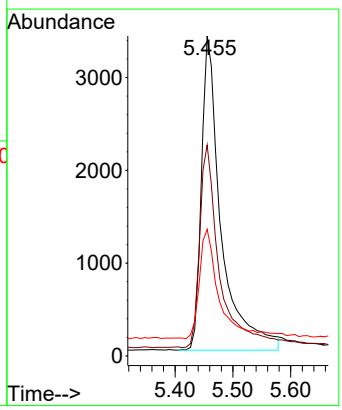


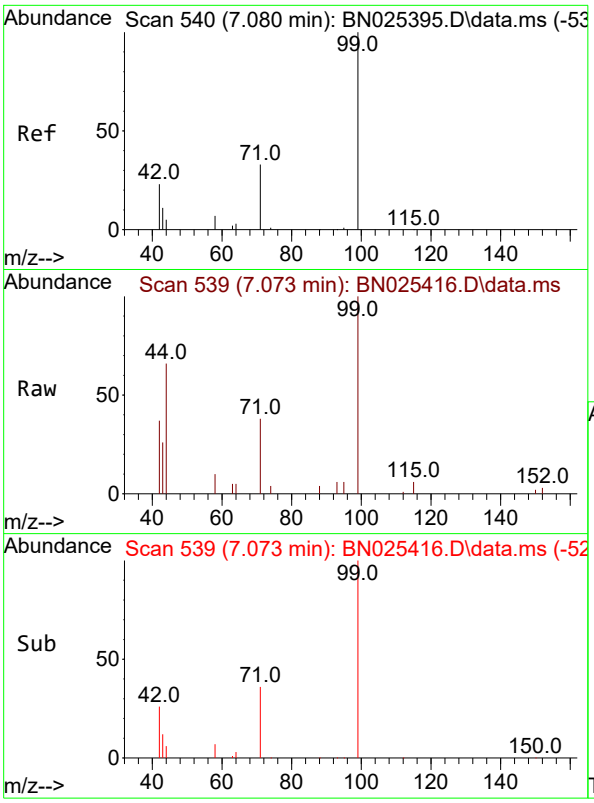


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.455 min Scan# 315
Delta R.T. -0.007 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:112 Resp: 8043

Ion	Ratio	Lower	Upper
112	100		
64	64.5	51.9	77.9
63	34.8	27.4	41.2



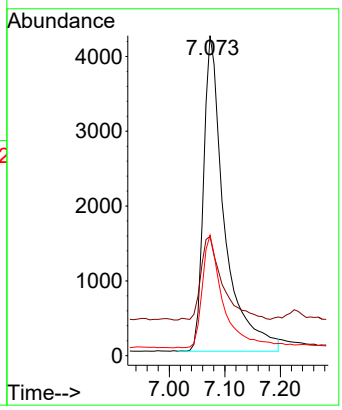


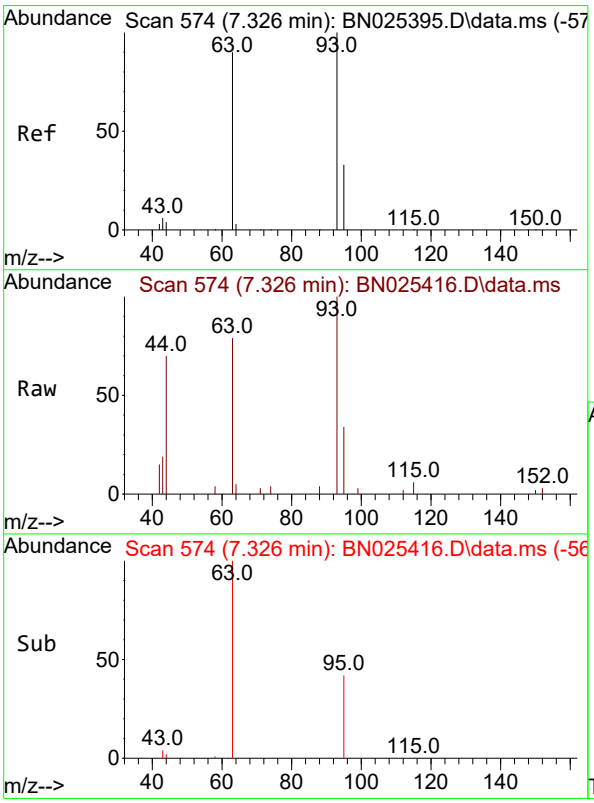
#5
Phenol-d6
Concen: 0.416 ng
RT: 7.073 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion: 99 Resp: 11015

Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	35.5	28.1	42.1

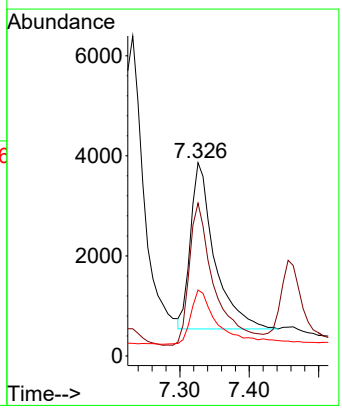


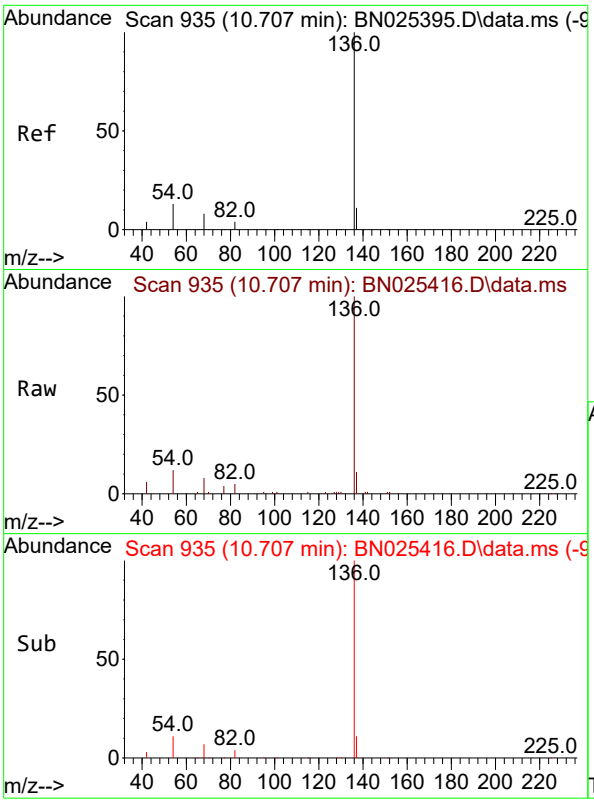


#6
bis(2-Chloroethyl)ether
Concen: 0.394 ng
RT: 7.326 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion: 93 Resp: 7964

Ion	Ratio	Lower	Upper
93	100		
63	90.9	71.3	106.9
95	38.5	31.0	46.4



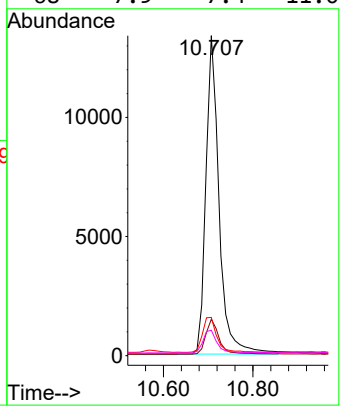


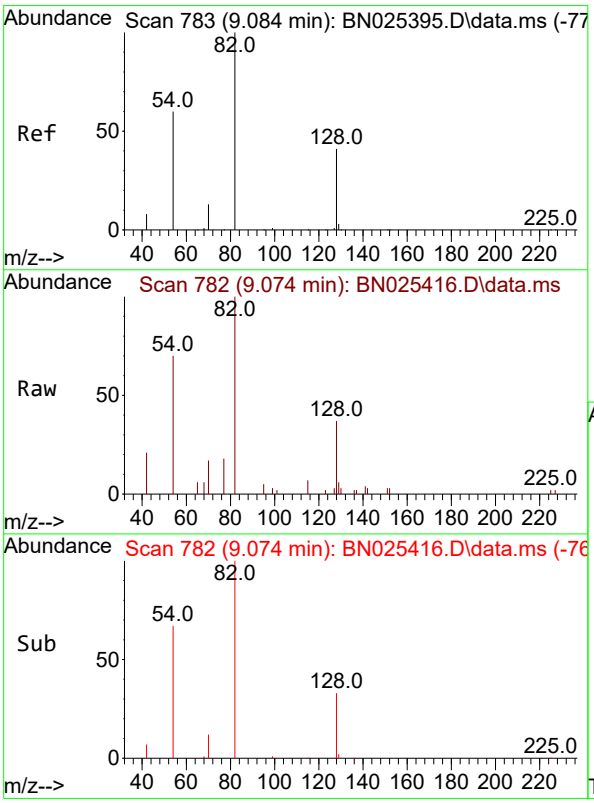
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:136 Resp: 27344

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.9	11.2	16.8
68	7.9	7.4	11.0

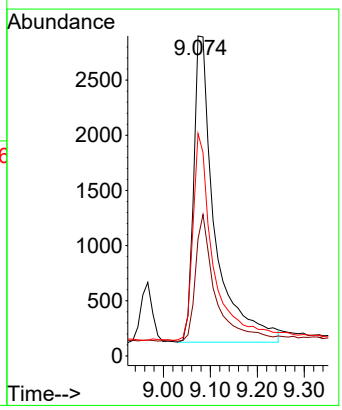


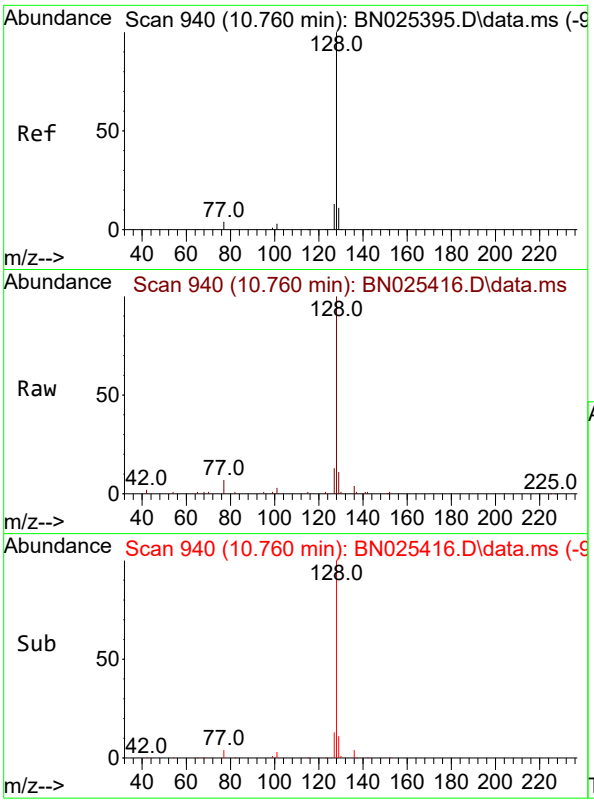


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.074 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion: 82 Resp: 8740

Ion	Ratio	Lower	Upper
82	100		
128	36.6	35.8	53.8
54	69.5	50.4	75.6



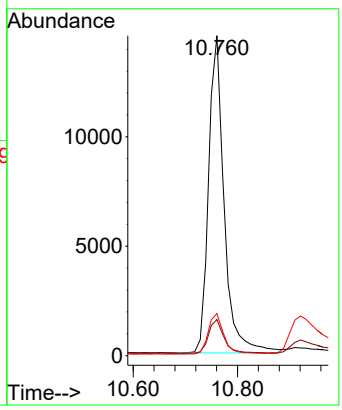


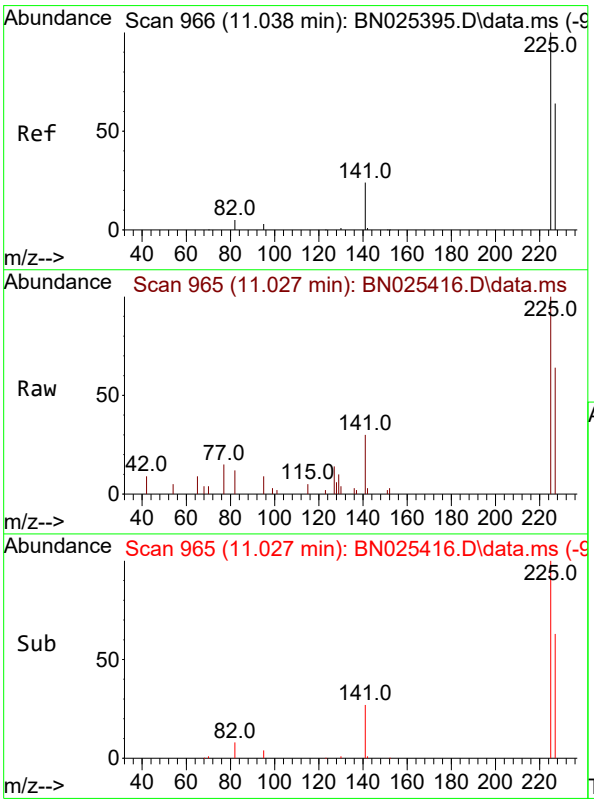
#9
Naphthalene
Concen: 0.435 ng
RT: 10.760 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:128 Resp: 29976

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.1	10.8	16.2

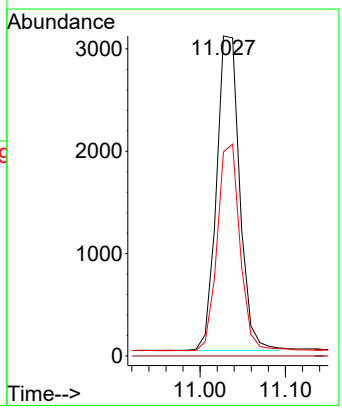


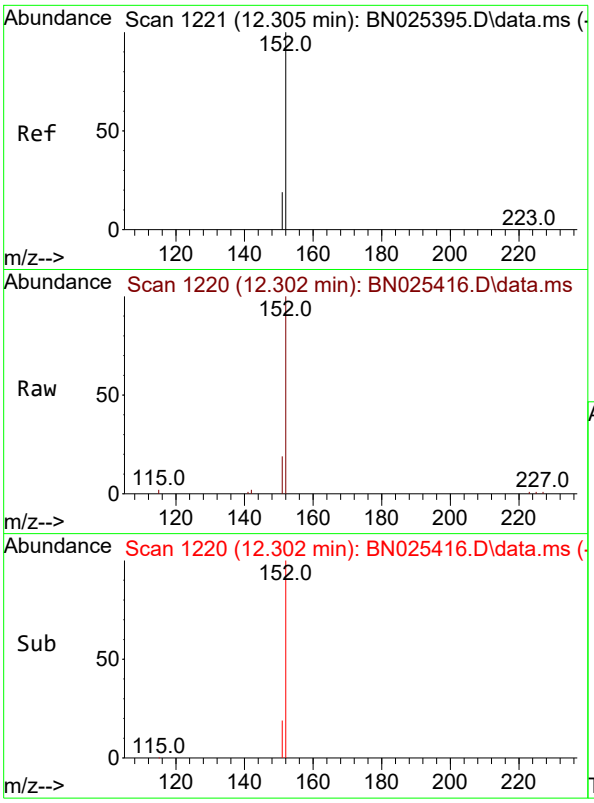


#10
Hexachlorobutadiene
Concen: 0.432 ng
RT: 11.027 min Scan# 965
Delta R.T. -0.011 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:225 Resp: 5773

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.8	76.2



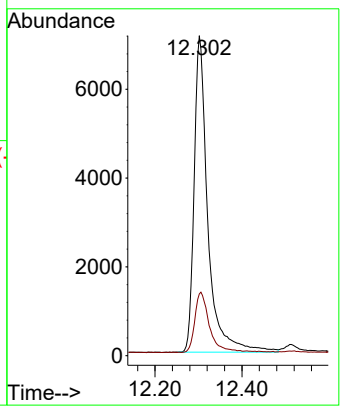


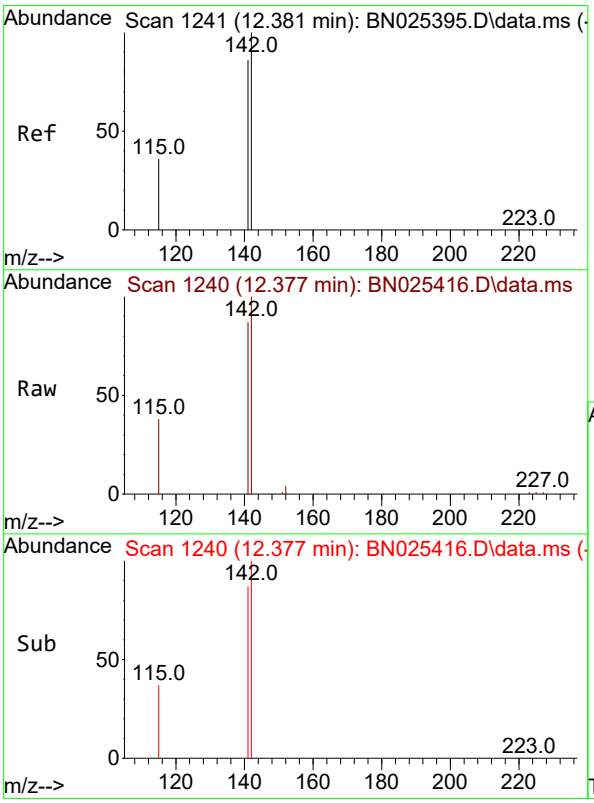
#11
2-Methylnaphthalene-d10
Concen: 0.431 ng
RT: 12.302 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:152 Resp: 15552

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1

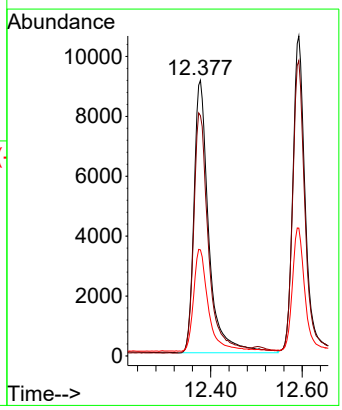


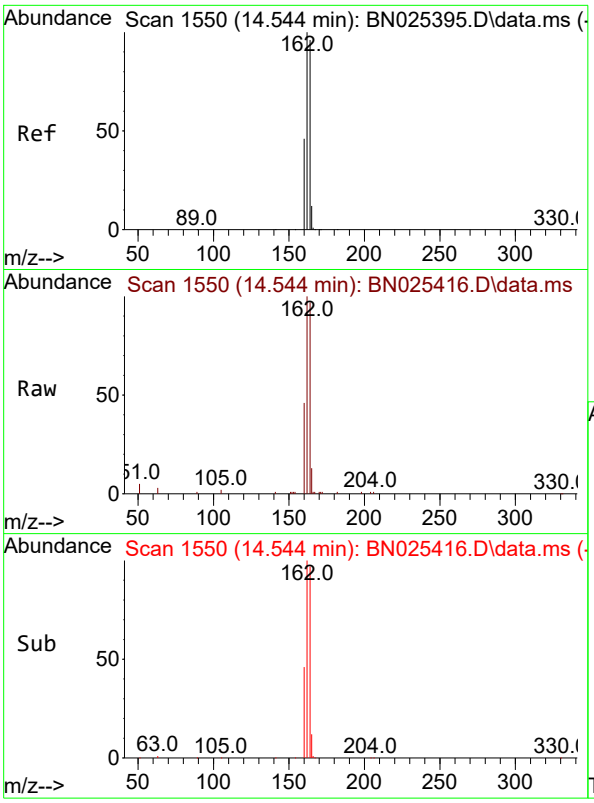


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.377 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:142 Resp: 20496

Ion	Ratio	Lower	Upper
142	100		
141	87.2	69.3	103.9
115	38.5	30.2	45.4



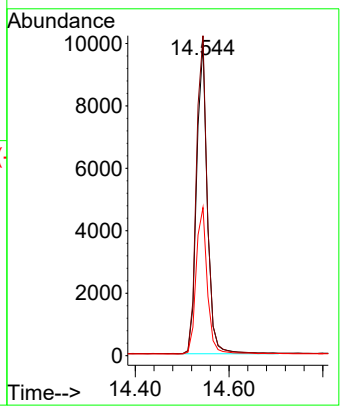


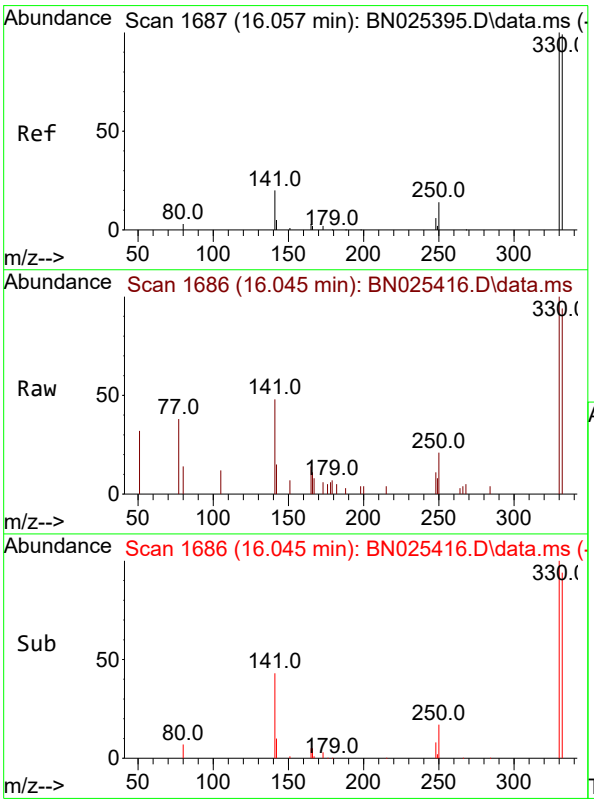
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:164 Resp: 15766

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.2	124.8
160	47.6	38.8	58.2

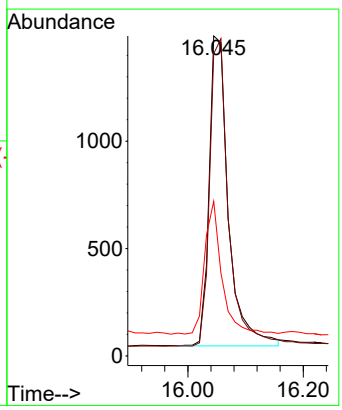


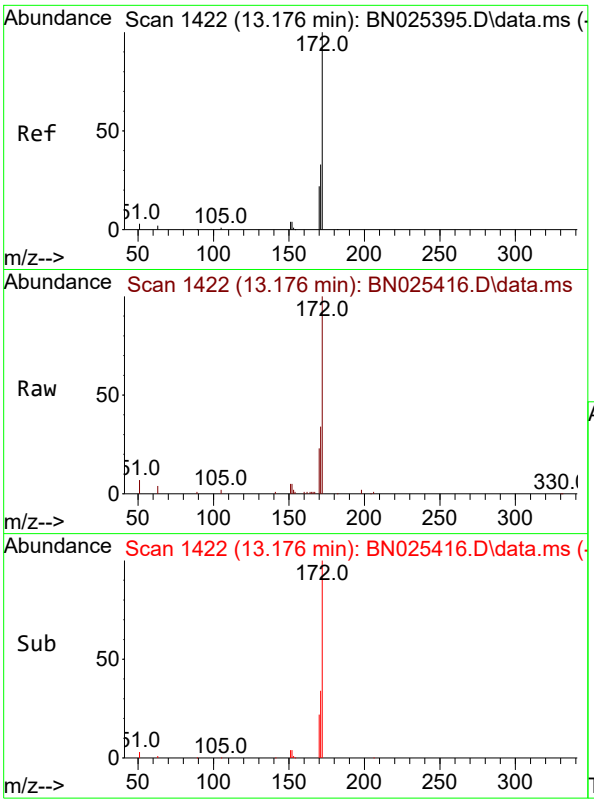


#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:330 Resp: 3339

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.0	117.0
141	37.9	30.2	45.2



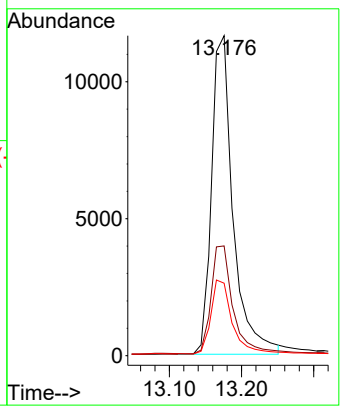


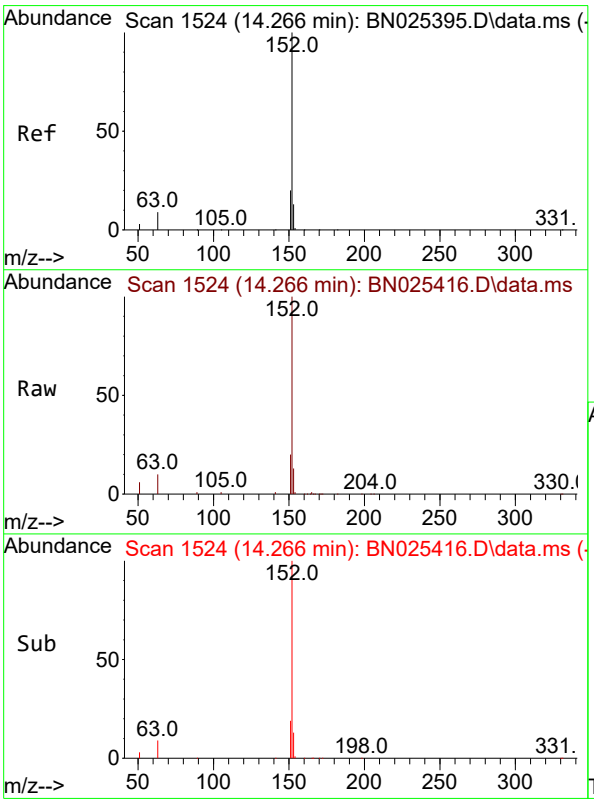
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 13.176 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:172 Resp: 24068

Ion	Ratio	Lower	Upper
172	100		
171	34.3	26.7	40.1
170	22.6	17.8	26.8

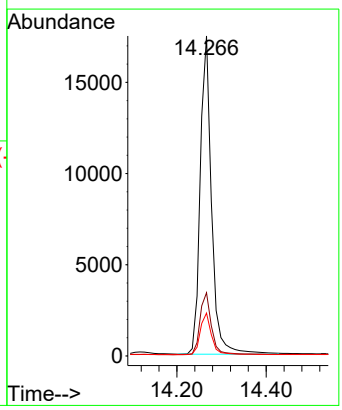


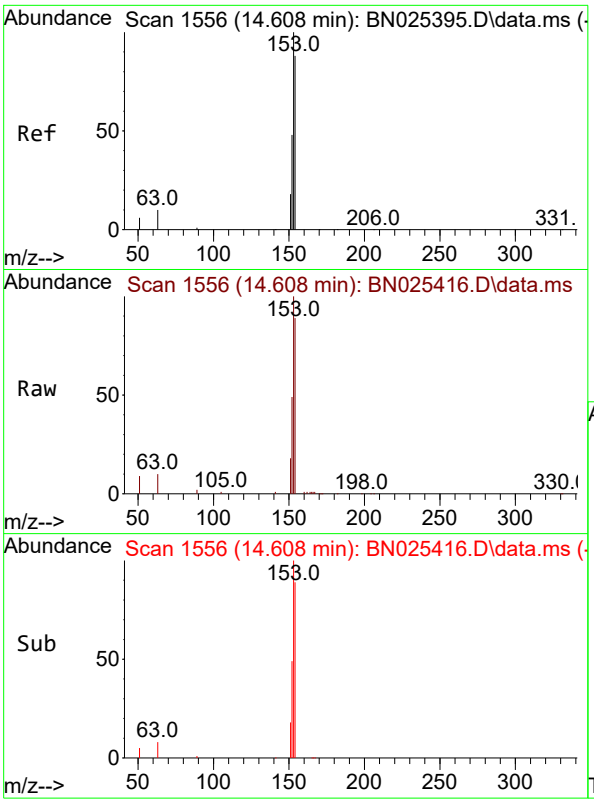


#16
Acenaphthylene
Concen: 0.418 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:152 Resp: 30645

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.1	10.7	16.1



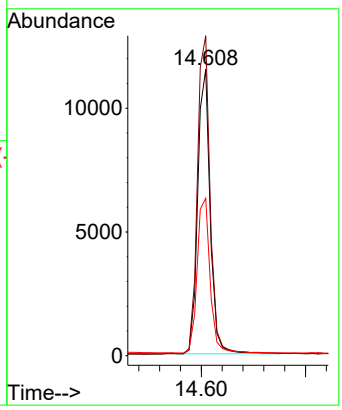


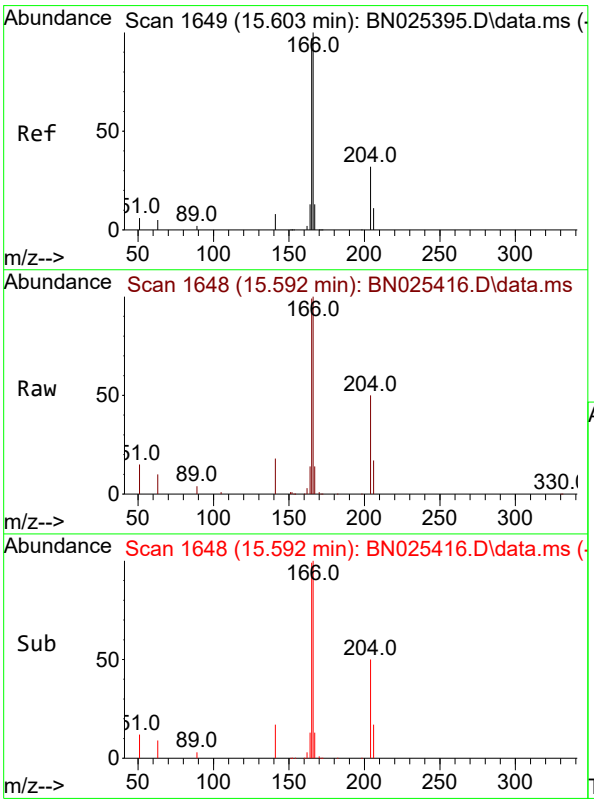
#17
Acenaphthene
Concen: 0.440 ng
RT: 14.608 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:154 Resp: 19062

Ion	Ratio	Lower	Upper
154	100		
153	115.1	91.7	137.5
152	56.8	44.6	66.8

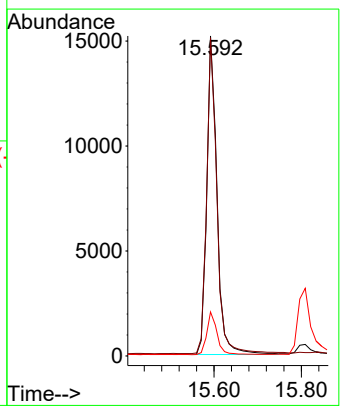


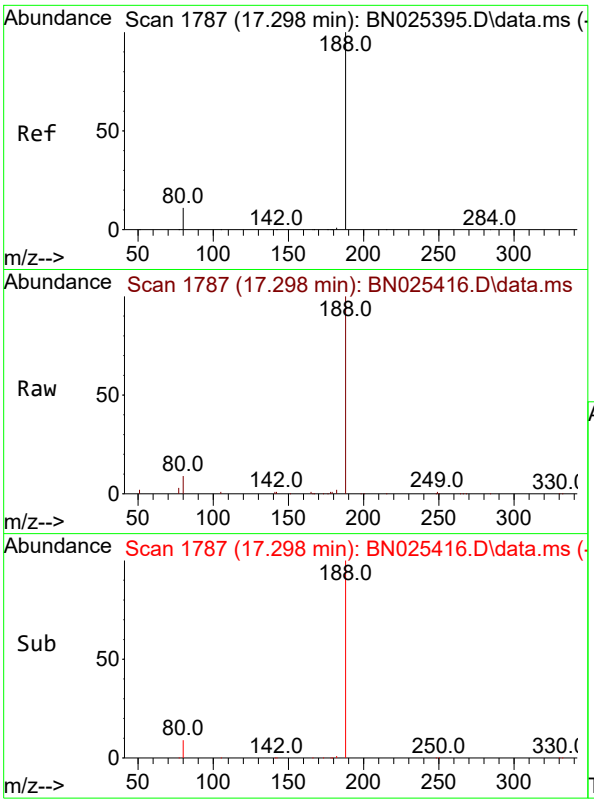


#18
Fluorene
Concen: 0.435 ng
RT: 15.592 min Scan# 1648
Delta R.T. -0.011 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:166 Resp: 24973

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.7	118.1
167	13.5	10.7	16.1



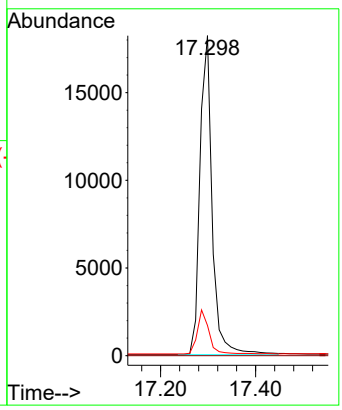


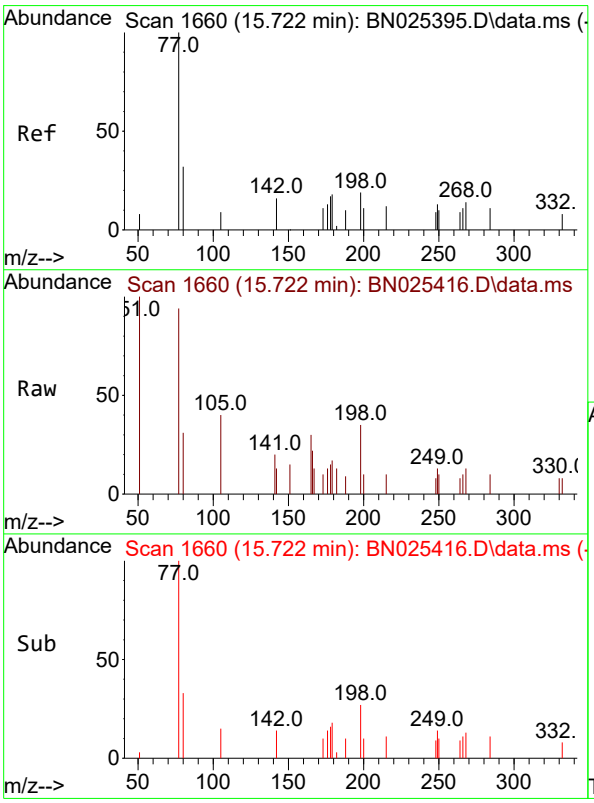
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:188 Resp: 32626

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	9.4	14.2

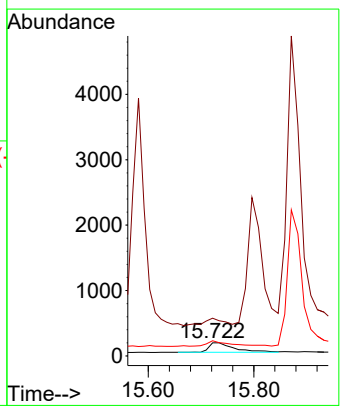


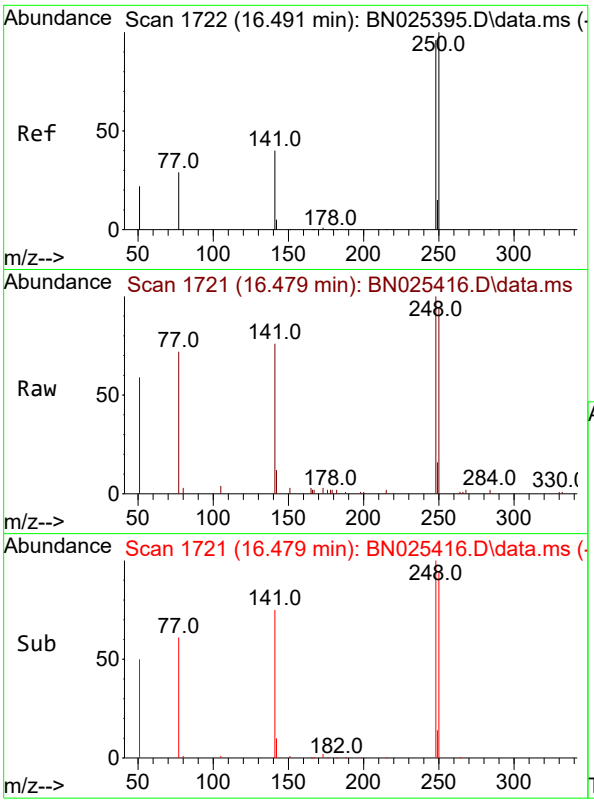


#20
4,6-Dinitro-2-methylphenol
Concen: 0.444 ng
RT: 15.722 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:198 Resp: 486

Ion	Ratio	Lower	Upper
198	100		
51	287.6	259.2	388.8
105	115.9	112.6	168.8



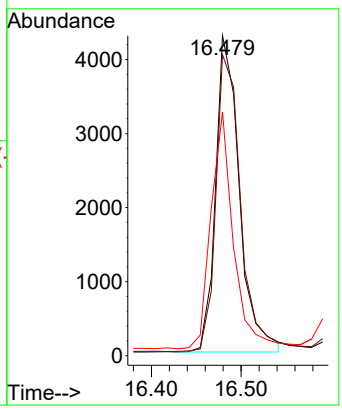


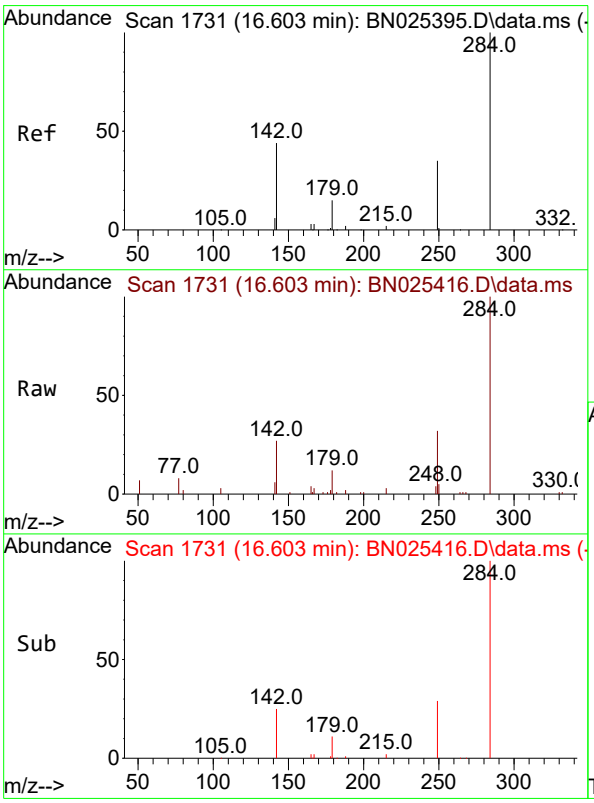
#21
4-Bromophenyl-phenylether
Concen: 0.428 ng
RT: 16.479 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:248 Resp: 7874

Ion	Ratio	Lower	Upper
248	100		
250	94.1	83.1	124.7
141	76.1	35.0	52.6#

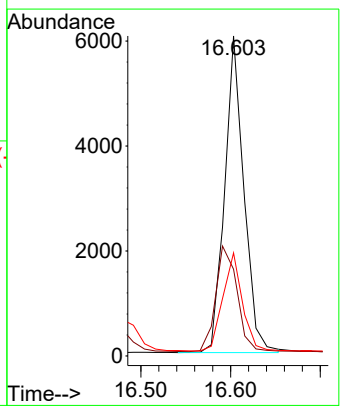


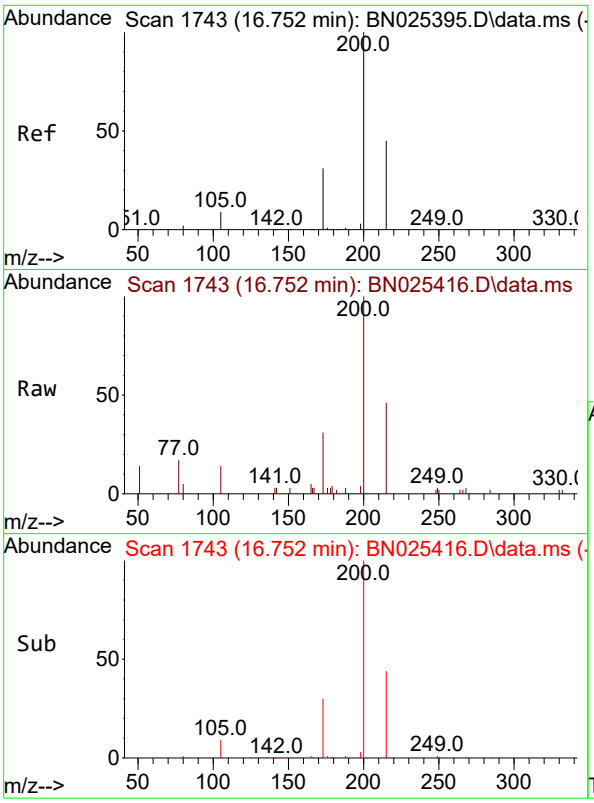


#22
Hexachlorobenzene
Concen: 0.443 ng
RT: 16.603 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:284 Resp: 9006

Ion	Ratio	Lower	Upper
284	100		
142	36.9	29.7	44.5
249	31.1	24.7	37.1



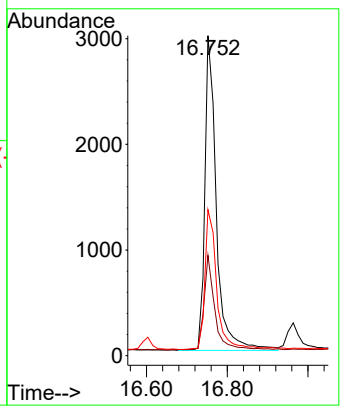


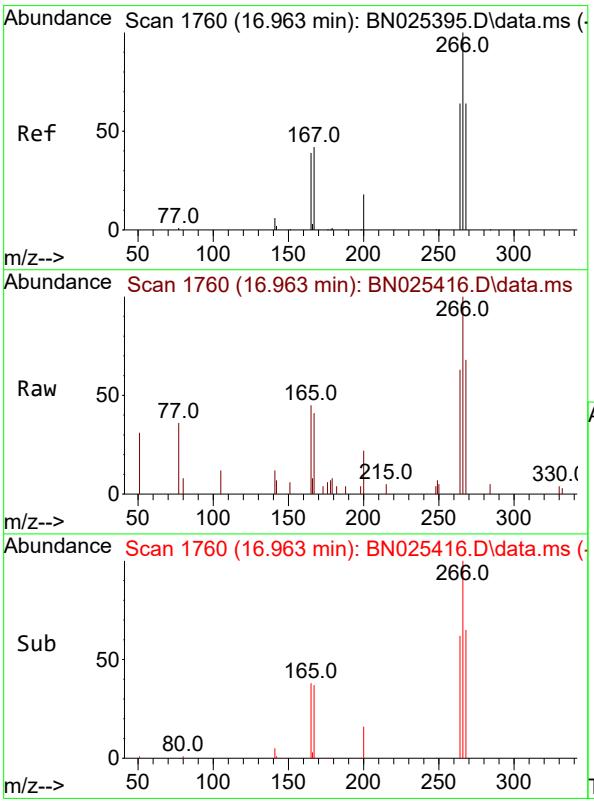
#23
Atrazine
Concen: 0.395 ng
RT: 16.752 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:200 Resp: 5891

Ion	Ratio	Lower	Upper
200	100		
173	31.4	26.5	39.7
215	45.6	37.0	55.4

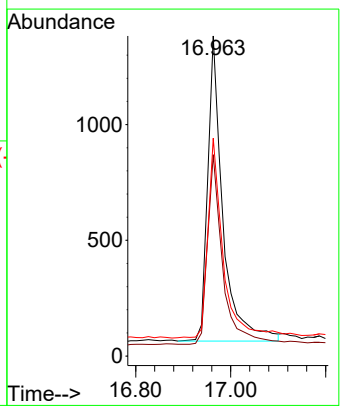


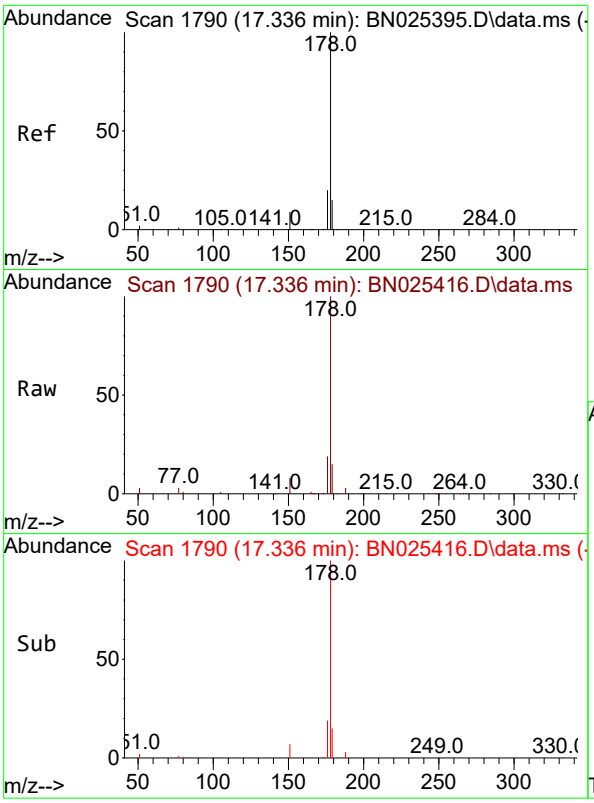


#24
Pentachlorophenol
Concen: 0.360 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:266 Resp: 2919

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.1	75.1
268	66.2	49.3	73.9



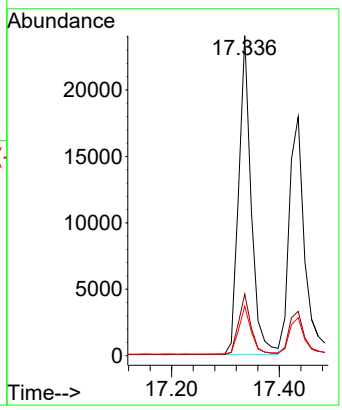


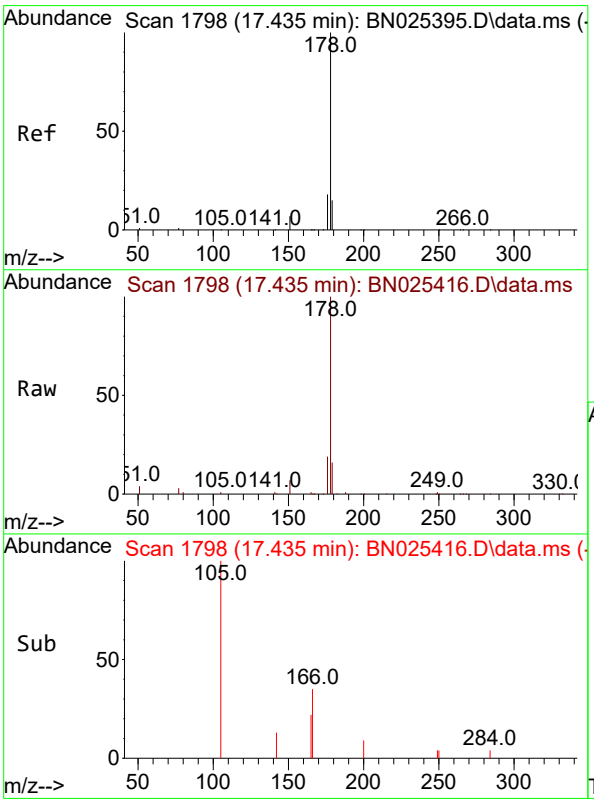
#25
Phenanthrene
Concen: 0.436 ng
RT: 17.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:178 Resp: 38478

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.1	18.1

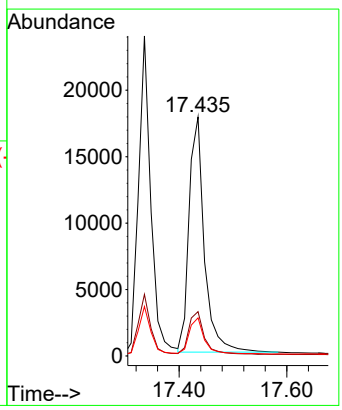


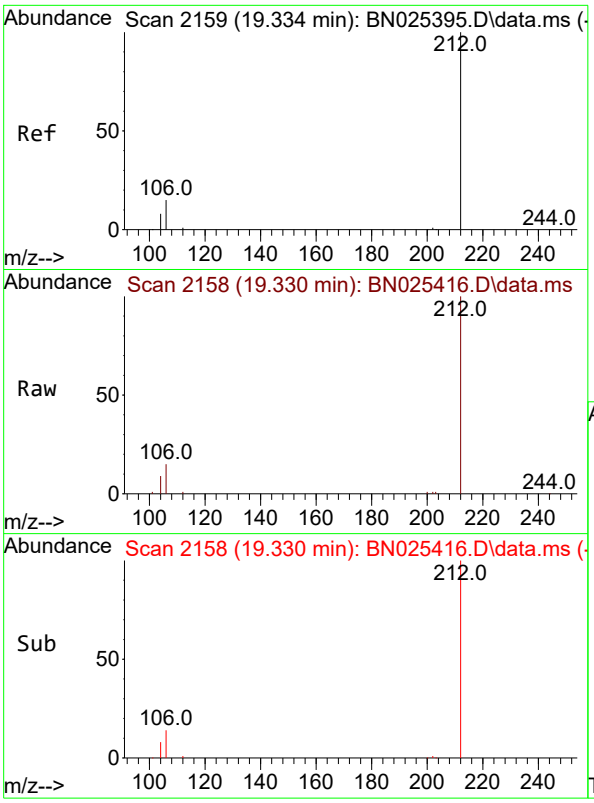


#26
Anthracene
Concen: 0.408 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:178 Resp: 34958

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.2	12.0	18.0



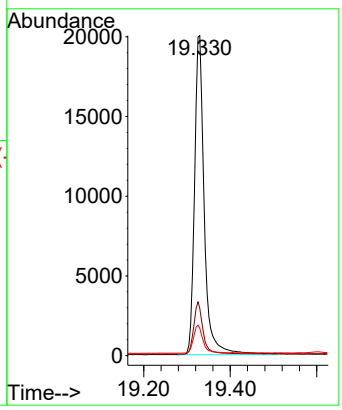


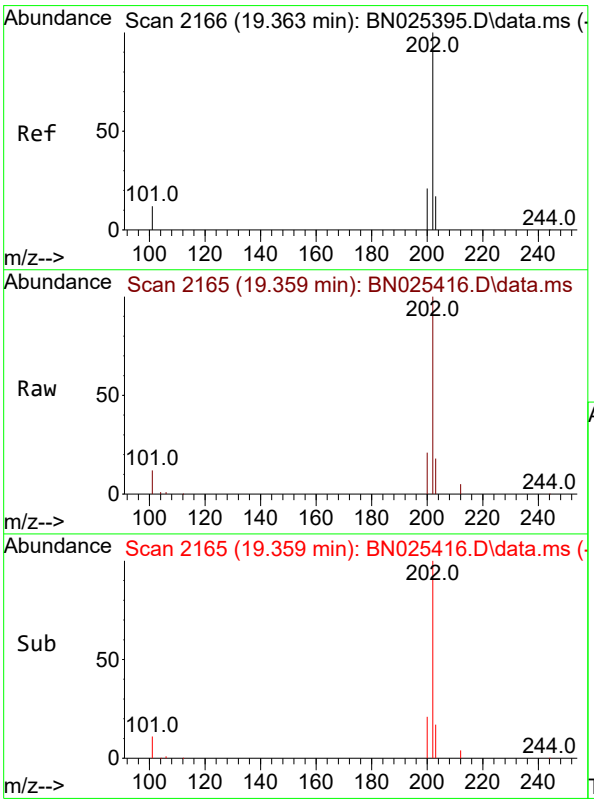
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.330 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:212 Resp: 31351

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.7	7.0	10.4

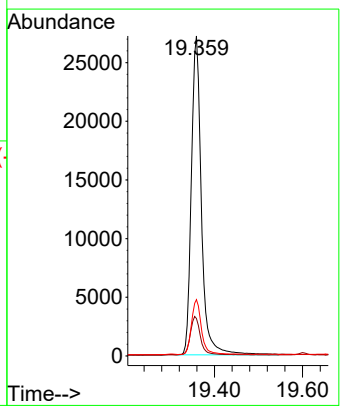


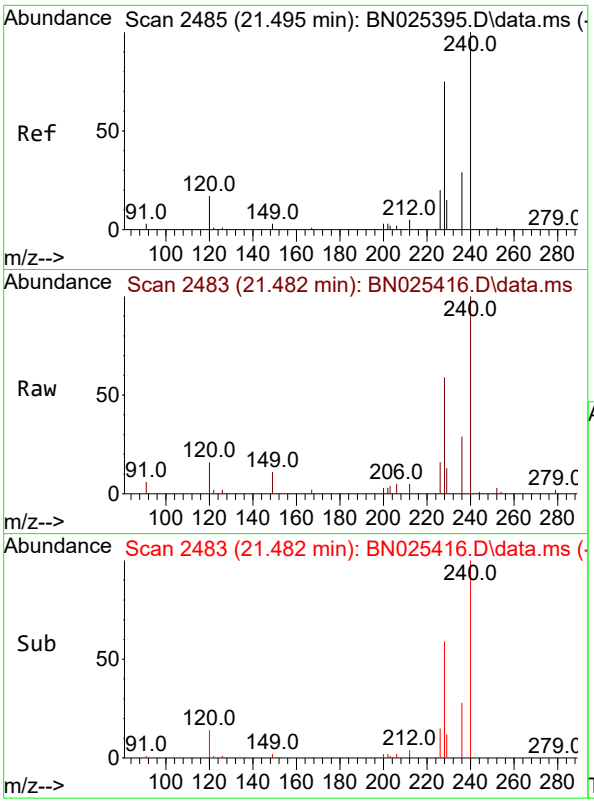


#28
Fluoranthene
Concen: 0.421 ng
RT: 19.359 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:202 Resp: 43035

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	16.9	13.8	20.6



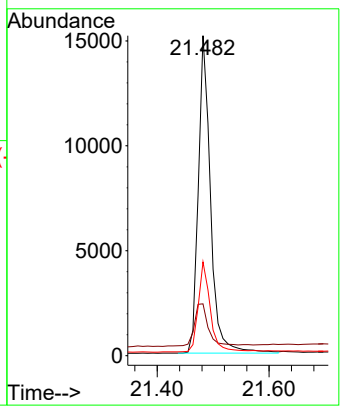


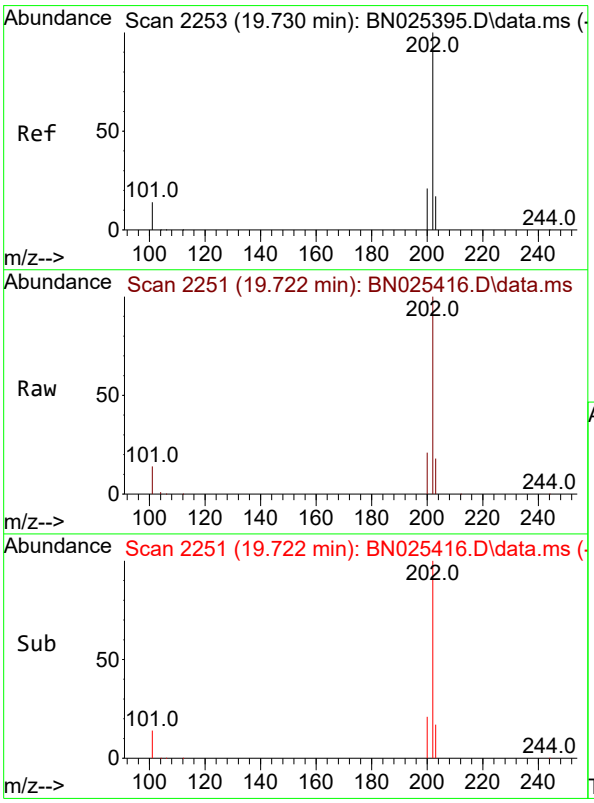
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:240 Resp: 22984

Ion	Ratio	Lower	Upper
240	100		
120	16.2	19.0	28.6#
236	29.3	25.0	37.6

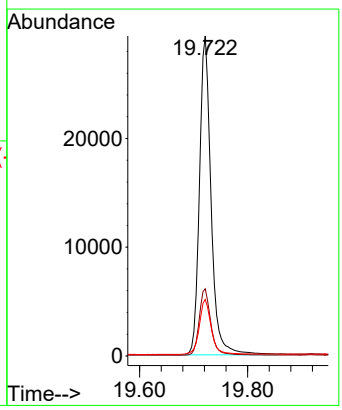


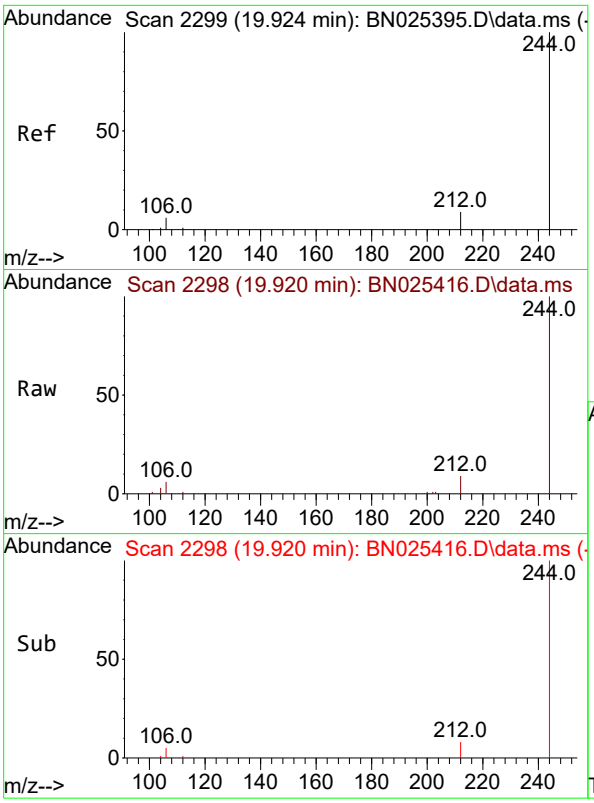


#30
Pyrene
Concen: 0.451 ng
RT: 19.722 min Scan# 2251
Delta R.T. -0.008 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:202 Resp: 43713

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	14.4	21.6



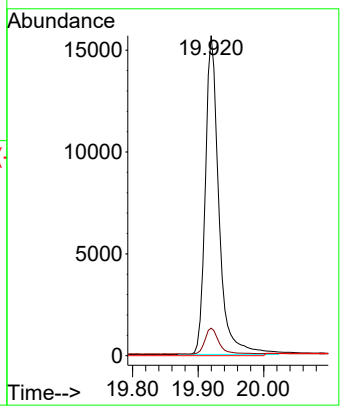


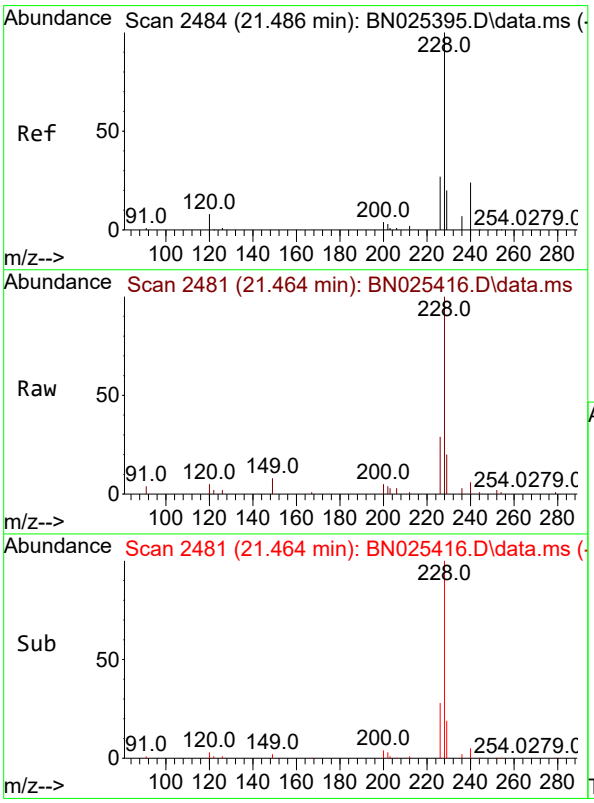
#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.920 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:244 Resp: 23937

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.5	11.3
122	0.0	0.0	0.0

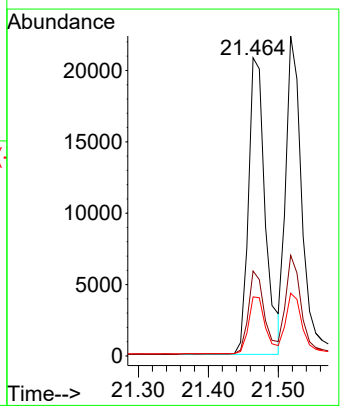


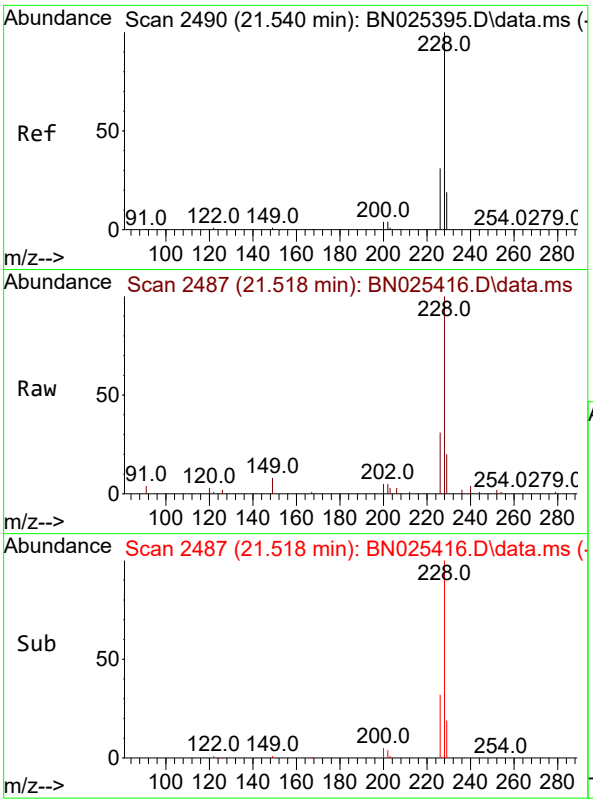


#32
Benzo(a)anthracene
Concen: 0.442 ng
RT: 21.464 min Scan# 2481
Delta R.T. -0.022 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:228 Resp: 34645

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.2	34.8
229	19.8	18.2	27.2



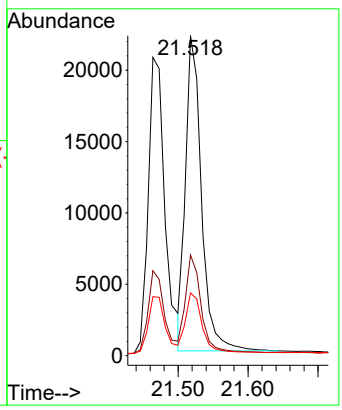


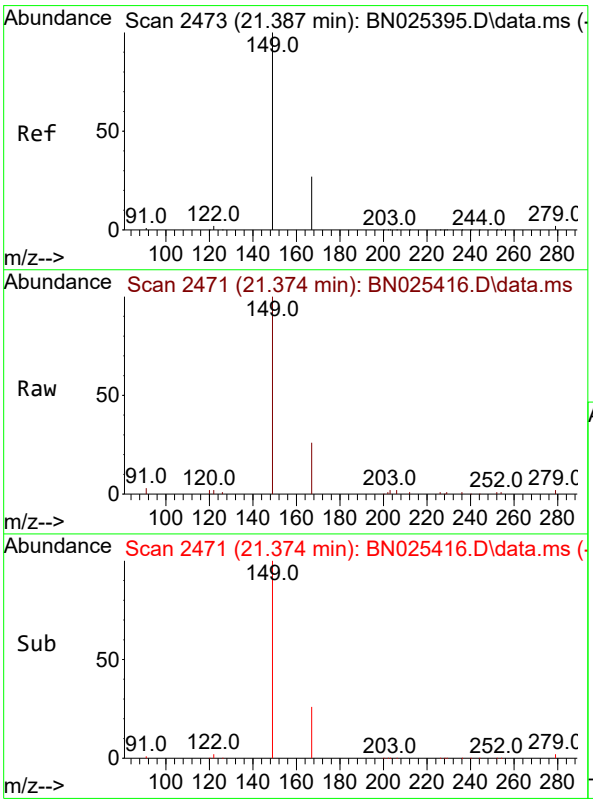
#33
Chrysene
Concen: 0.459 ng
RT: 21.518 min Scan# 24
Delta R.T. -0.022 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:228 Resp: 34892

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	19.6	17.9	26.9

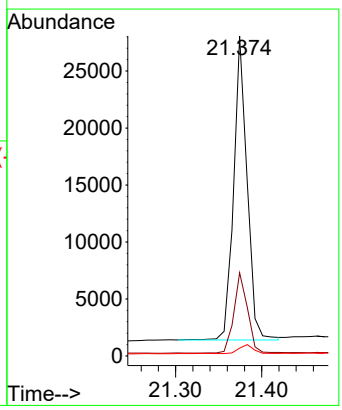


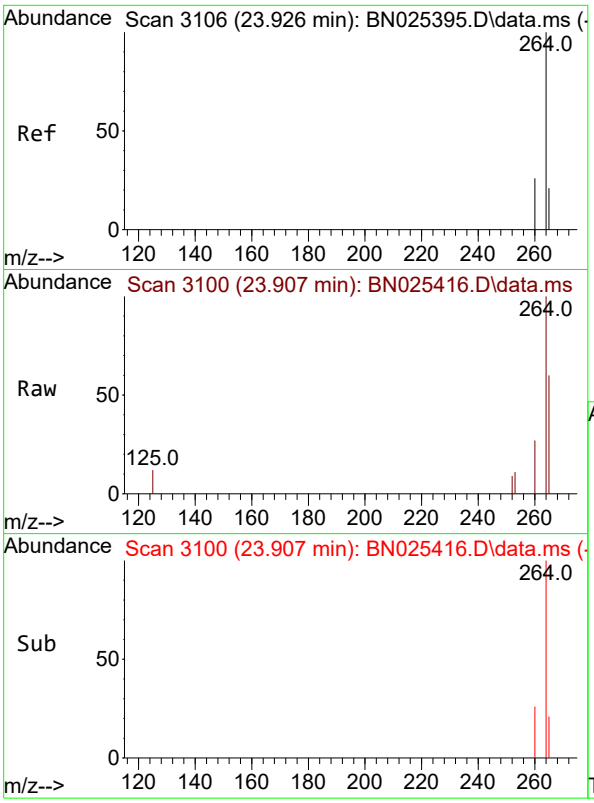


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.374 min Scan# 2471
Delta R.T. -0.013 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:149 Resp: 28924

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.2	3.0	4.4



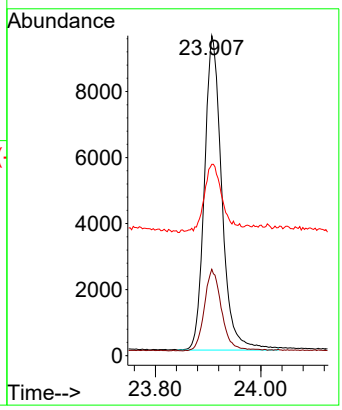


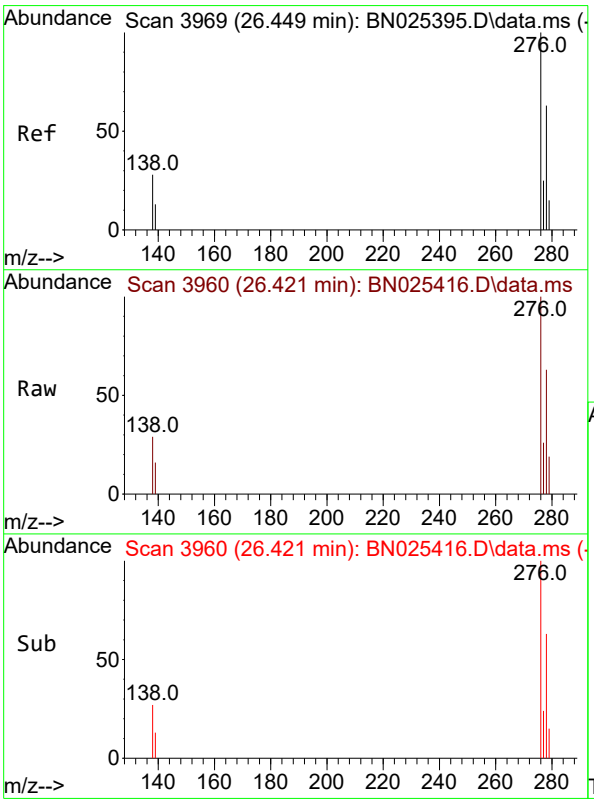
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.907 min Scan# 3
Delta R.T. -0.019 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:264 Resp: 21786

Ion	Ratio	Lower	Upper
264	100		
260	27.0	23.5	35.3
265	59.8	50.9	76.3

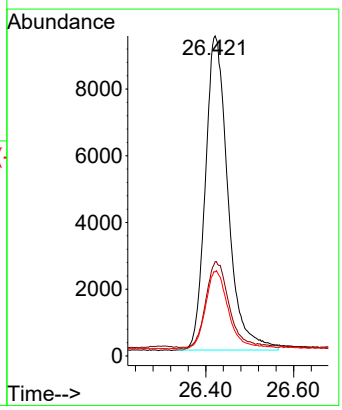


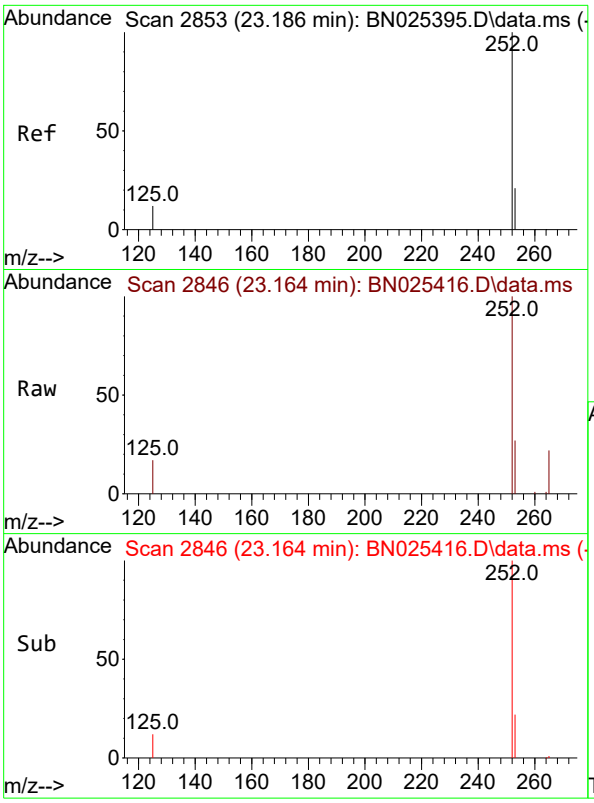


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng
RT: 26.421 min Scan# 3960
Delta R.T. -0.027 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:276 Resp: 33686

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.7	34.1
277	24.7	20.2	30.4



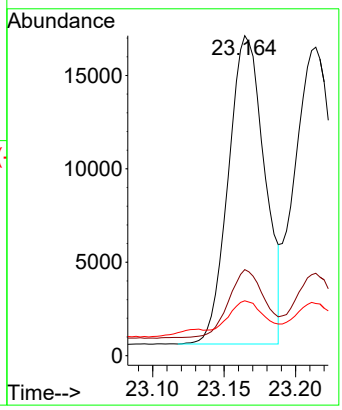


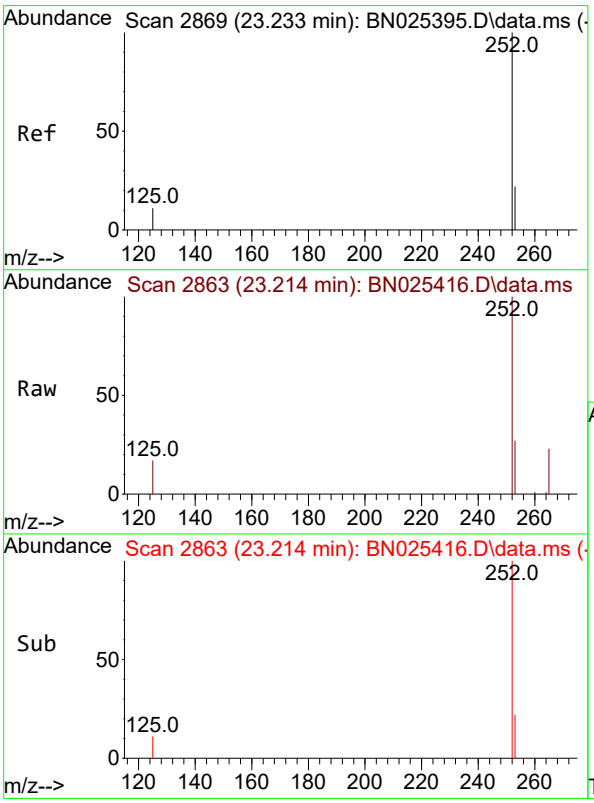
#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.164 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:252 Resp: 29158

Ion	Ratio	Lower	Upper
252	100		
253	26.9	23.4	35.0
125	17.2	19.8	29.8#

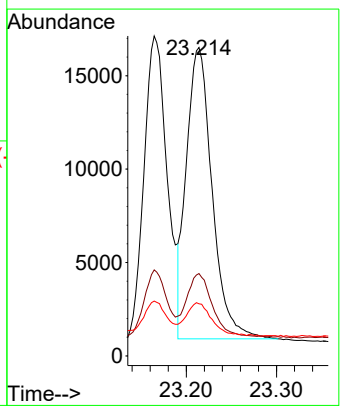


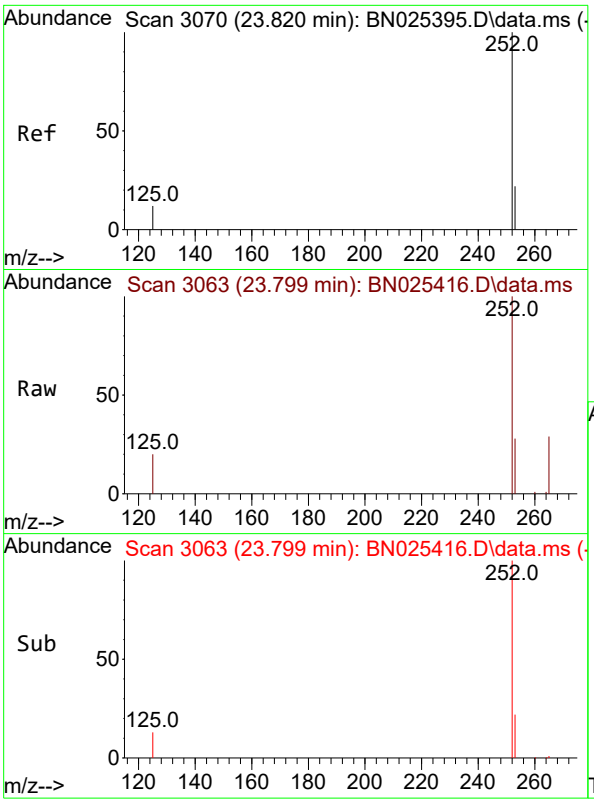


#38
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.214 min Scan# 2863
Delta R.T. -0.019 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:252 Resp: 30895

Ion	Ratio	Lower	Upper
252	100		
253	26.7	23.6	35.4
125	16.9	20.2	30.2#



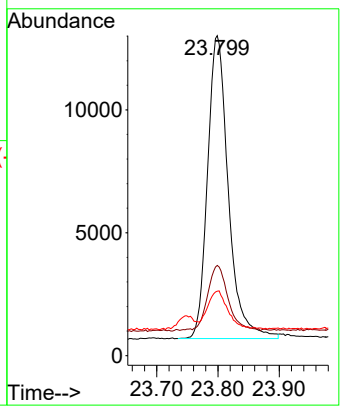


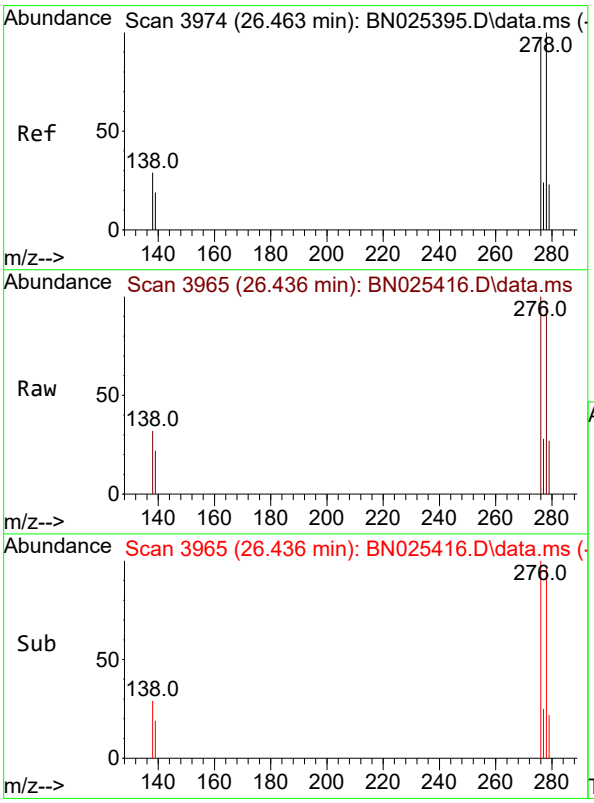
#39
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.799 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:252 Resp: 29120

Ion	Ratio	Lower	Upper
252	100		
253	28.2	25.4	38.2
125	20.1	23.5	35.3#

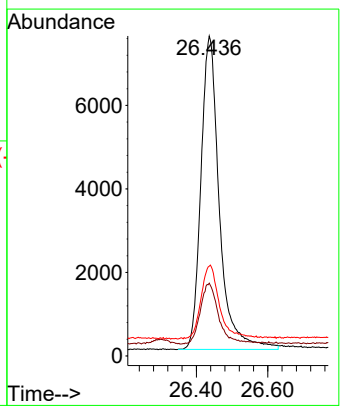


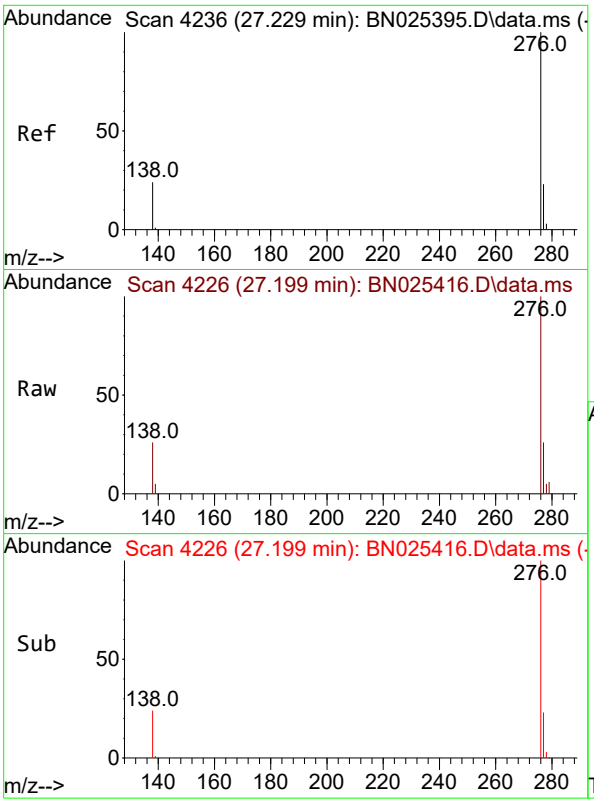


#40
Dibenzo(a,h)anthracene
Concen: 0.421 ng
RT: 26.436 min Scan# 3965
Delta R.T. -0.027 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Tgt Ion:278 Resp: 26852

Ion	Ratio	Lower	Upper
278	100		
139	22.8	23.8	35.8#
279	28.1	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.430 ng
RT: 27.199 min Scan# 4
Delta R.T. -0.030 min
Lab File: BN025416.D
Acq: 12 May 2023 00:55

Instrument :
BNA_N
ClientSampleId :
PB152722BS

Tgt Ion:276 Resp: 28981

Ion	Ratio	Lower	Upper
276	100		
277	25.7	23.5	35.3
138	26.2	24.7	37.1