Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025415.D
Acq On : 12 May 2023 00:19
Operator : CG/JU
Sample : PB152744BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Quant Time: May 12 04:12:10 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	7.896	152	8443	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	27255	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	15791	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	33013	0.400	ng		0.00
29) Chrysene-d12	21.482	240	23348	0.400	ng		#-0.01
35) Perylene-d12	23.907	264	21834	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	8081	0.413	ng		0.00
5) Phenol-d6	7.073	99	11153	0.420	ng		0.00
8) Nitrobenzene-d5	9.084	82	8941	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	15588	0.434	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	3392	0.403	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	24155	0.441	ng		-0.01
27) Fluoranthene-d10	19.329	212	31758	0.420	ng		0.00
31) Terphenyl-d14	19.920	244	24667	0.439	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3432	0.440	ng		99
3) n-Nitrosodimethylamine	3.650	42	5420	0.433	ng	#	93
6) bis(2-Chloroethyl)ether	7.326	93	8060	0.397	ng		98
9) Naphthalene	10.760	128	29989	0.437	ng		99
10) Hexachlorobutadiene	11.027	225	5816	0.436	ng	#	99
12) 2-Methylnaphthalene	12.377	142	20409	0.430	ng		98
16) Acenaphthylene	14.266	152	30600	0.417	ng		99
17) Acenaphthene	14.608	154	19355	0.446	ng		100
18) Fluorene	15.592	166	24953	0.434	ng		99
20) 4,6-Dinitro-2-methylph...	15.722	198	526	0.459	ng	#	73
21) 4-Bromophenyl-phenylether	16.479	248	7952	0.427	ng	#	79
22) Hexachlorobenzene	16.603	284	9058	0.441	ng		99
23) Atrazine	16.752	200	5925	0.392	ng		97
24) Pentachlorophenol	16.963	266	3012	0.365	ng		98
25) Phenanthrene	17.336	178	38829	0.435	ng		100
26) Anthracene	17.435	178	35211	0.406	ng		100
28) Fluoranthene	19.359	202	43822	0.423	ng		100
30) Pyrene	19.721	202	44486	0.452	ng		100
32) Benzo(a)anthracene	21.473	228	34792	0.437	ng		96
33) Chrysene	21.517	228	35309	0.457	ng		97
34) Bis(2-ethylhexyl)phtha...	21.374	149	29228	0.381	ng		99
36) Indeno(1,2,3-cd)pyrene	26.424	276	34272	0.427	ng		99
37) Benzo(b)fluoranthene	23.167	252	29920	0.418	ng	#	90
38) Benzo(k)fluoranthene	23.214	252	32230	0.437	ng	#	89
39) Benzo(a)pyrene	23.799	252	29800	0.427	ng	#	88
40) Dibenzo(a,h)anthracene	26.439	278	26984	0.422	ng	#	90
41) Benzo(g,h,i)perylene	27.199	276	29402	0.435	ng		93

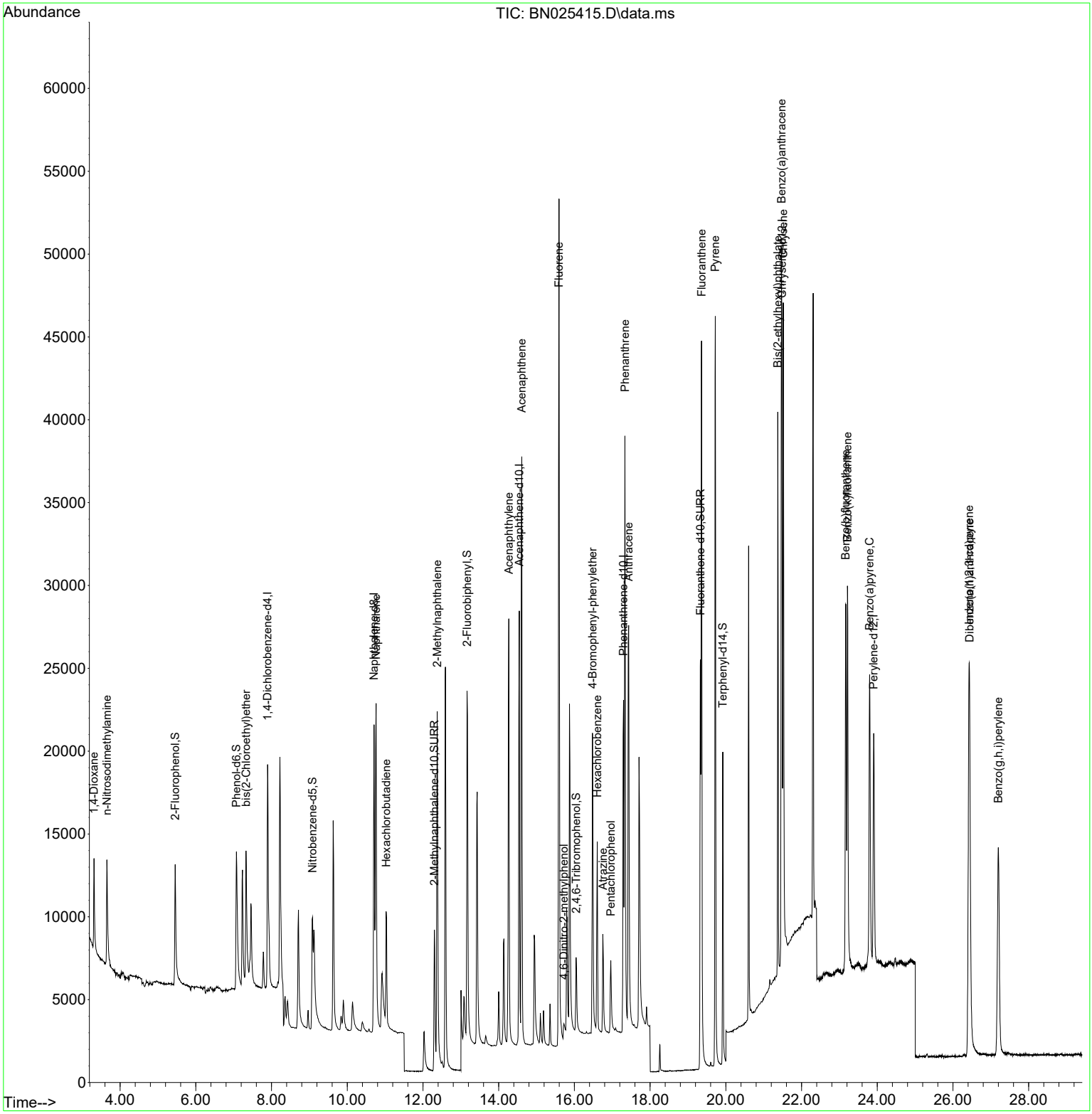
(#) = qualifier out of range (m) = manual integration (+) = signals summed

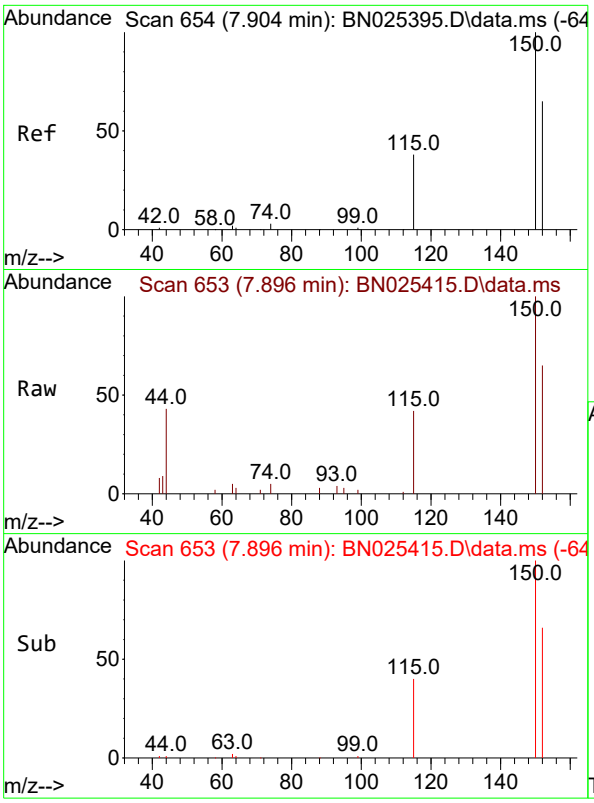
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025415.D
Acq On : 12 May 2023 00:19
Operator : CG/JU
Sample : PB152744BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Quant Time: May 12 04:12:10 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



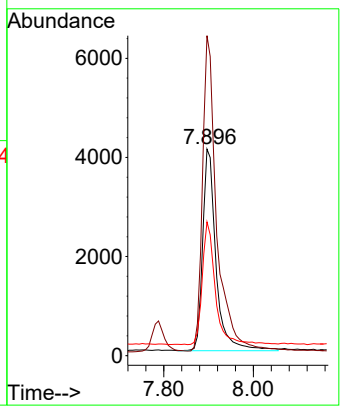


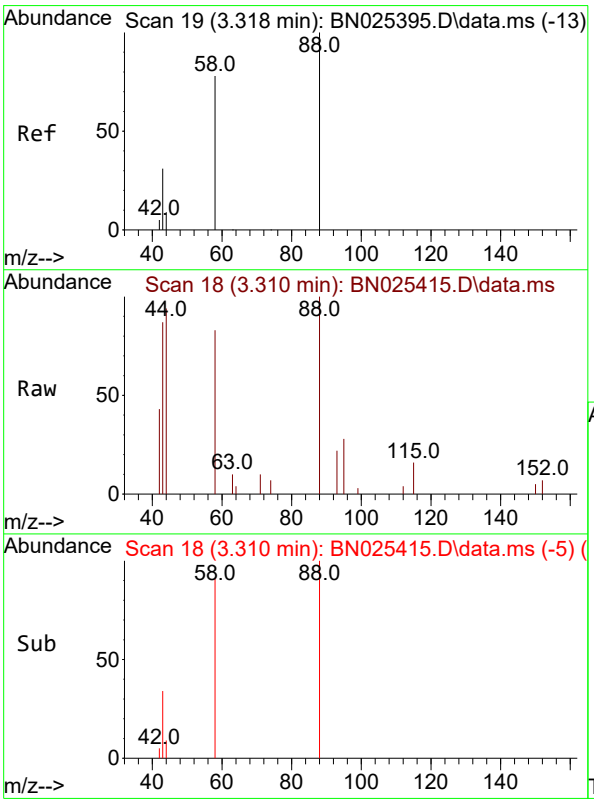
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.896 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:152 Resp: 8443

Ion	Ratio	Lower	Upper
152	100		
150	155.0	121.4	182.2
115	64.7	50.6	76.0

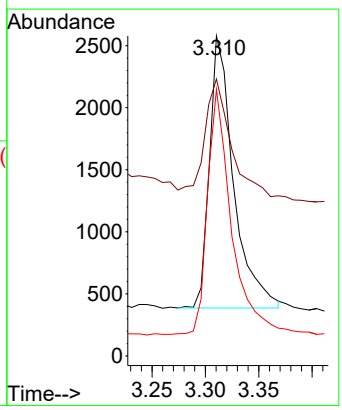


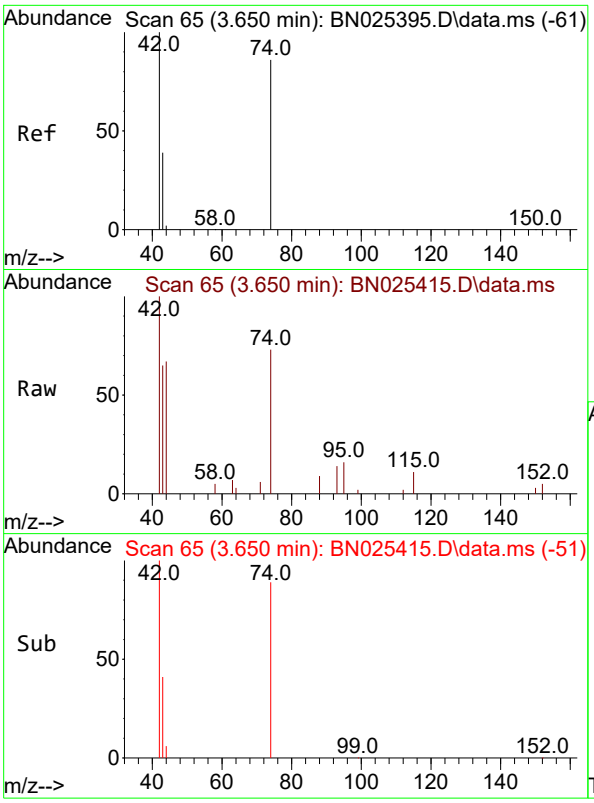


#2
1,4-Dioxane
Concen: 0.440 ng
RT: 3.310 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion: 88 Resp: 3432

Ion	Ratio	Lower	Upper
88	100		
43	46.6	37.4	56.2
58	90.3	71.5	107.3



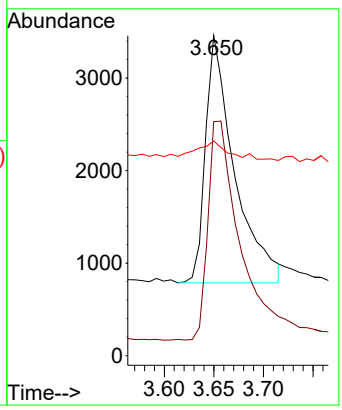


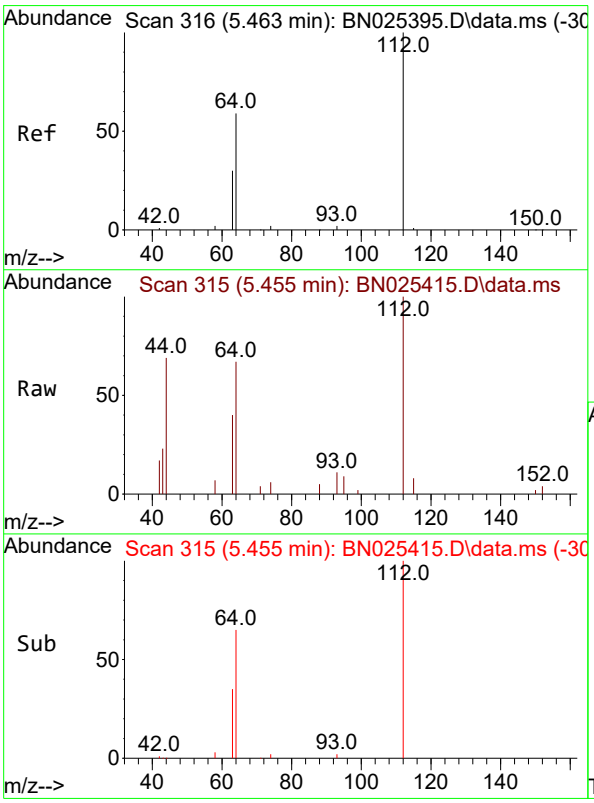
#3
n-Nitrosodimethylamine
Concen: 0.433 ng
RT: 3.650 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion: 42 Resp: 5420

Ion	Ratio	Lower	Upper
42	100		
74	96.0	82.2	123.4
44	7.4	7.8	11.8#

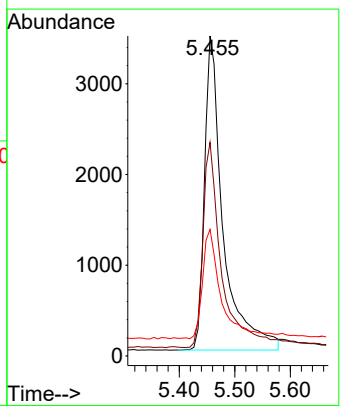


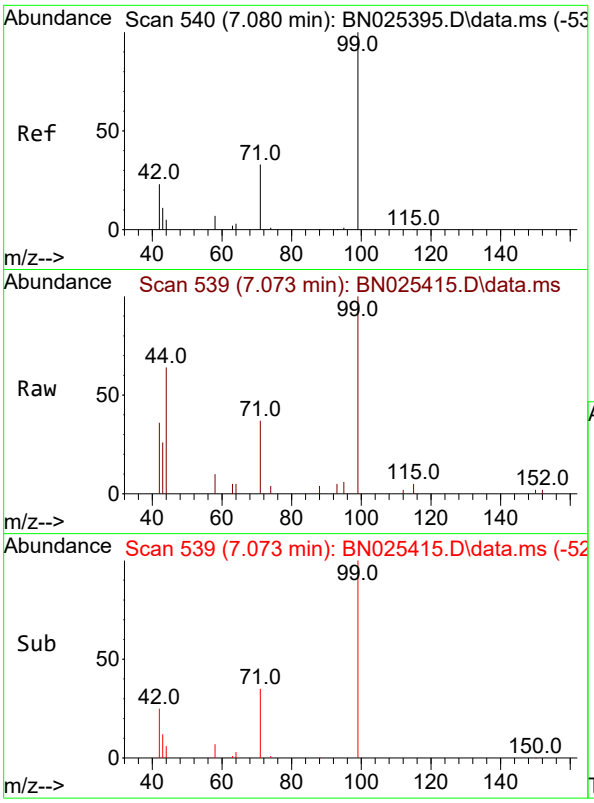


#4
2-Fluorophenol
Concen: 0.413 ng
RT: 5.455 min Scan# 315
Delta R.T. -0.007 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:112 Resp: 8081

Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.9	77.9
63	34.3	27.4	41.2



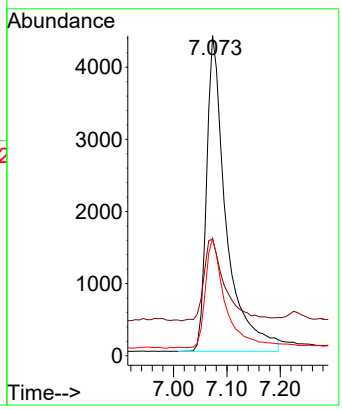


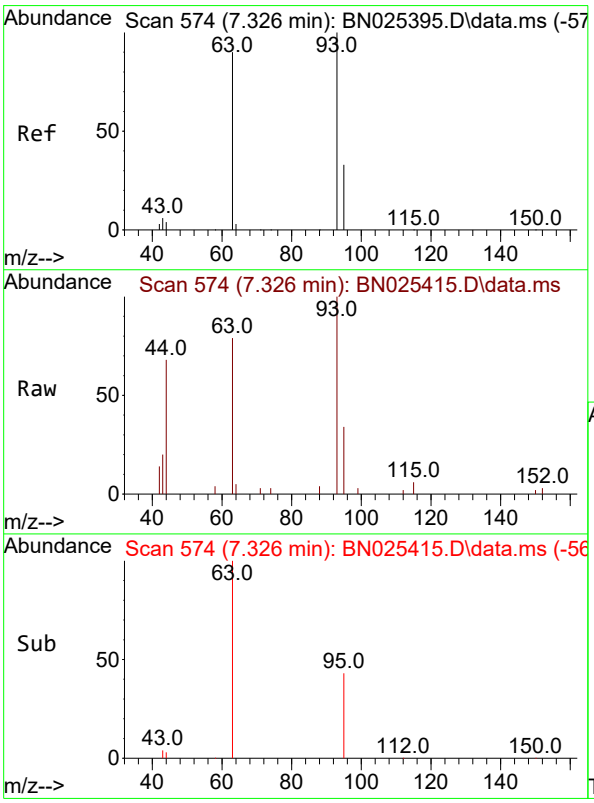
#5
Phenol-d6
Concen: 0.420 ng
RT: 7.073 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion: 99 Resp: 11153

Ion	Ratio	Lower	Upper
99	100		
42	27.8	23.5	35.3
71	34.8	28.1	42.1

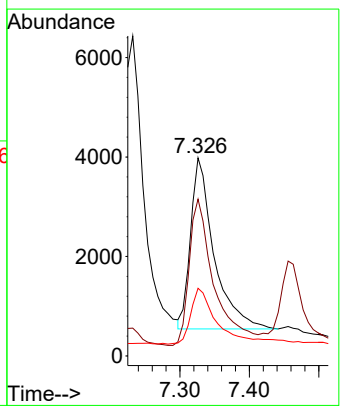


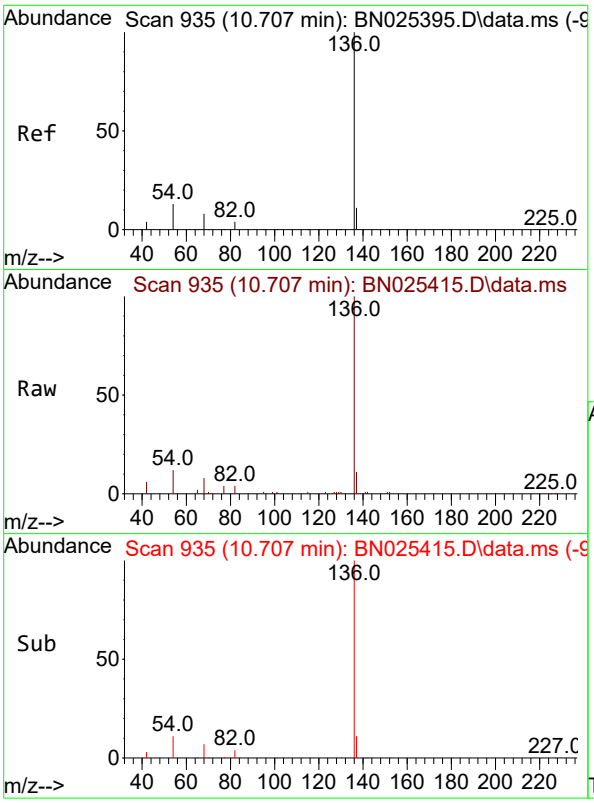


#6
bis(2-Chloroethyl)ether
Concen: 0.397 ng
RT: 7.326 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion: 93 Resp: 8060

Ion	Ratio	Lower	Upper
93	100		
63	91.5	71.3	106.9
95	38.7	31.0	46.4



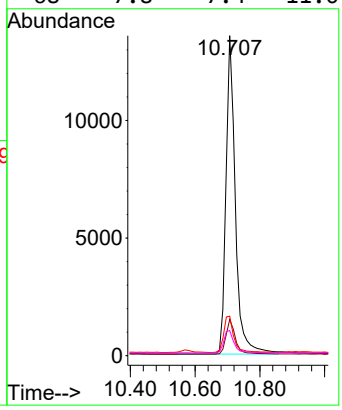


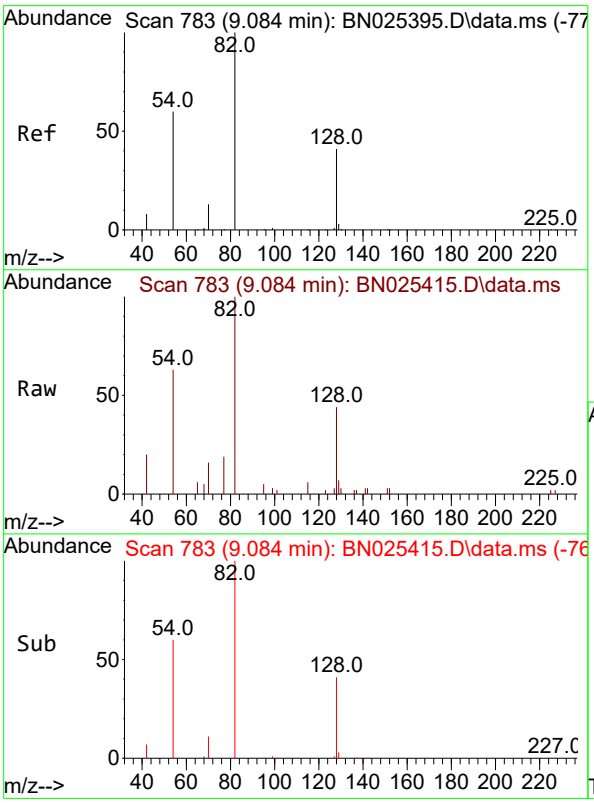
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:136 Resp: 27255

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	12.3	11.2	16.8
68	7.8	7.4	11.0

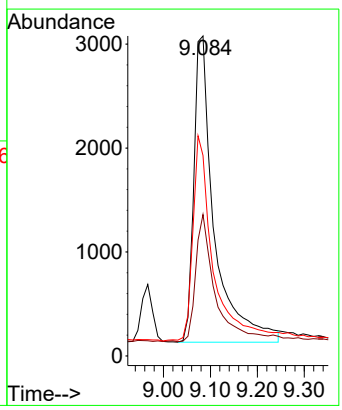


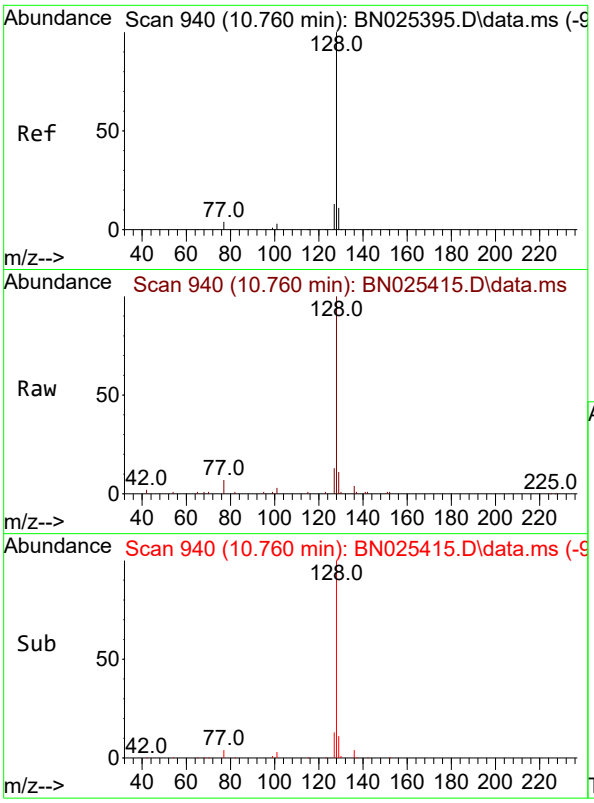


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.084 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion: 82 Resp: 8941

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.8	53.8
54	62.6	50.4	75.6



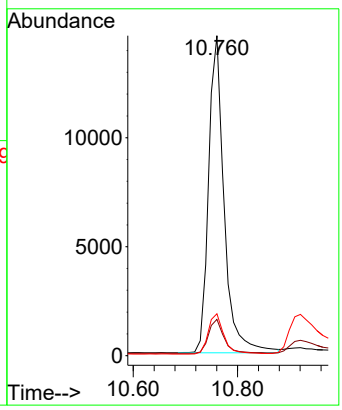


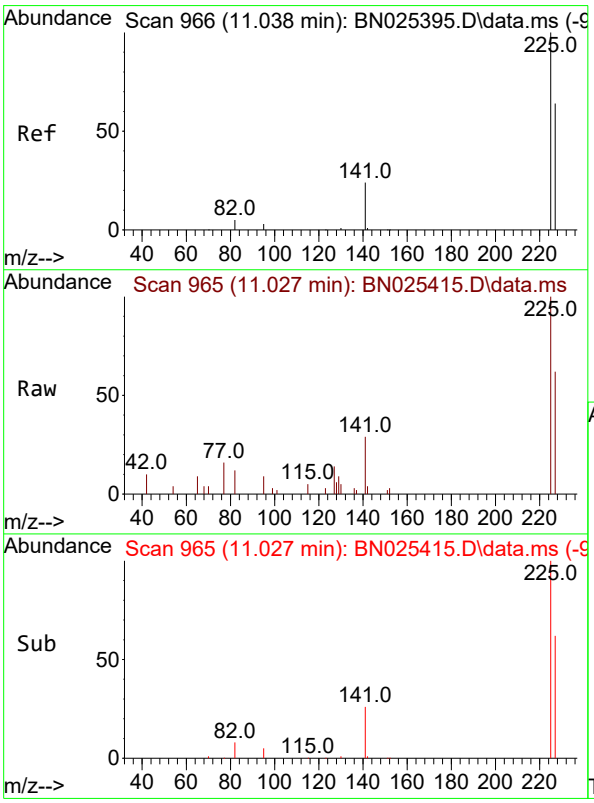
#9
Naphthalene
Concen: 0.437 ng
RT: 10.760 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:128 Resp: 29989

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.1	10.8	16.2

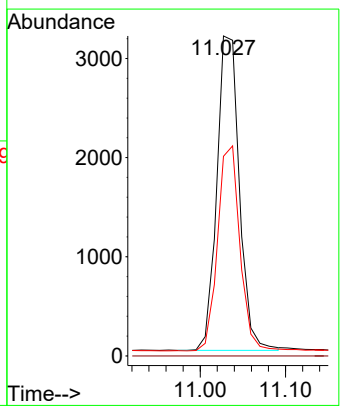


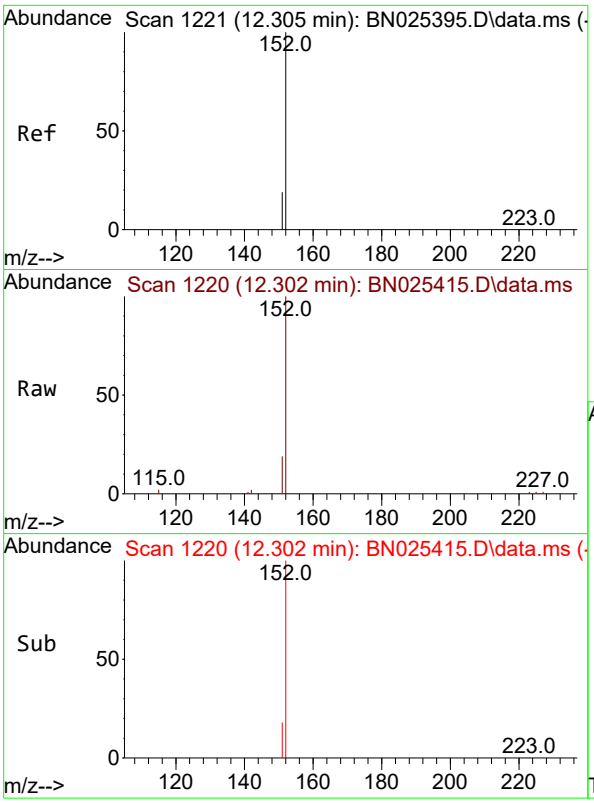


#10
Hexachlorobutadiene
Concen: 0.436 ng
RT: 11.027 min Scan# 965
Delta R.T. -0.011 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:225 Resp: 5816

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	50.8	76.2



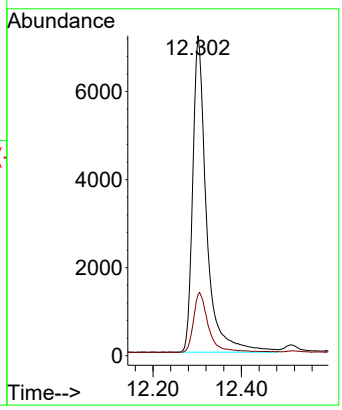


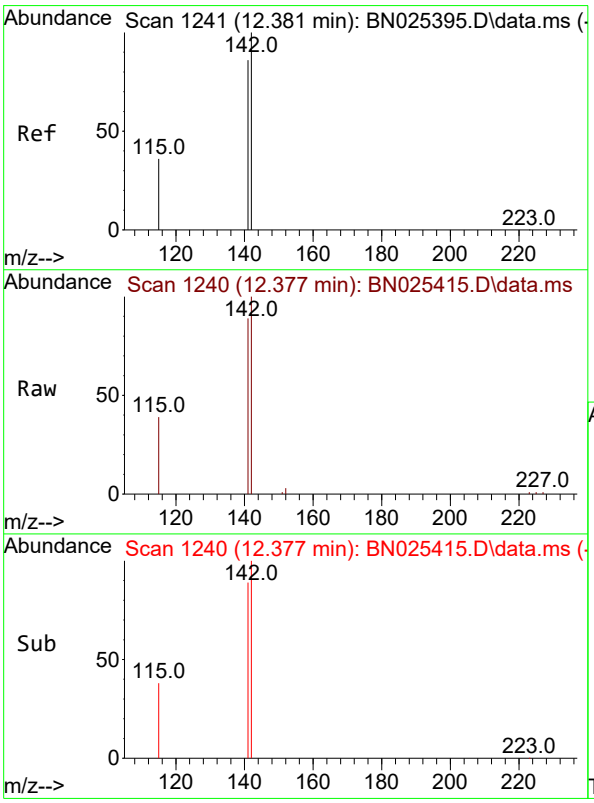
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.302 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:152 Resp: 15588

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1

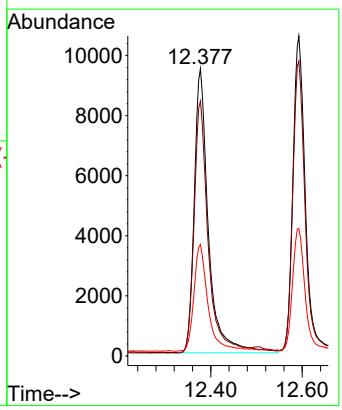


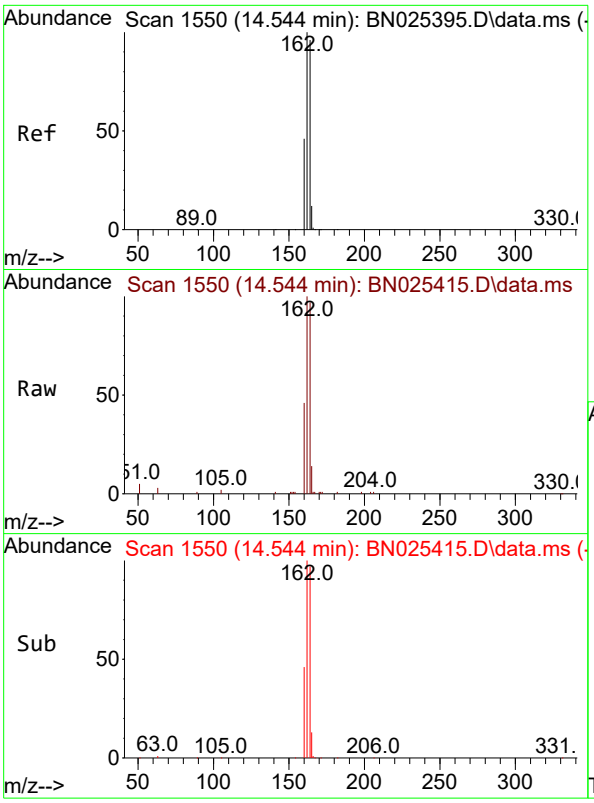


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.377 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:142 Resp: 20409

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.3	103.9
115	38.8	30.2	45.4



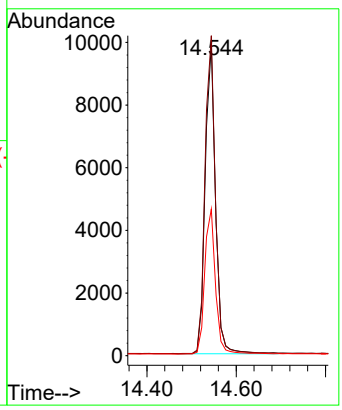


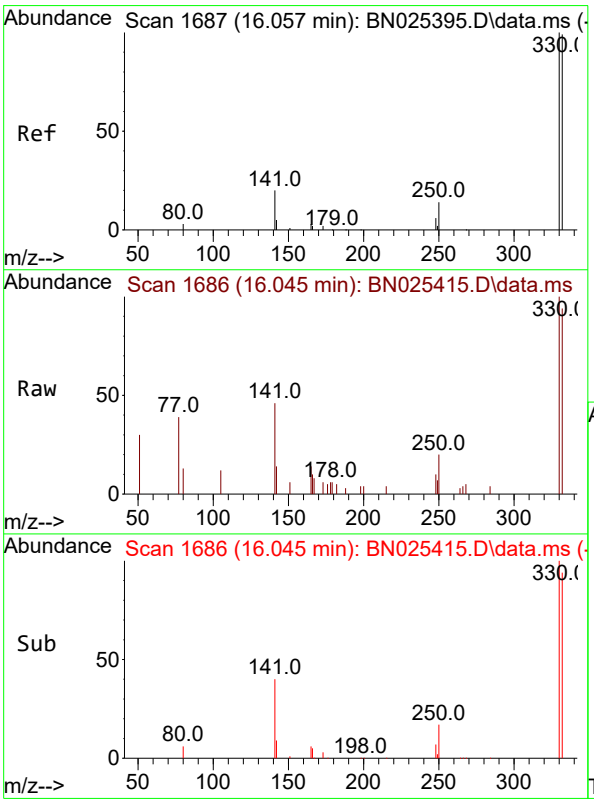
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:164 Resp: 15791

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.2	124.8
160	47.1	38.8	58.2

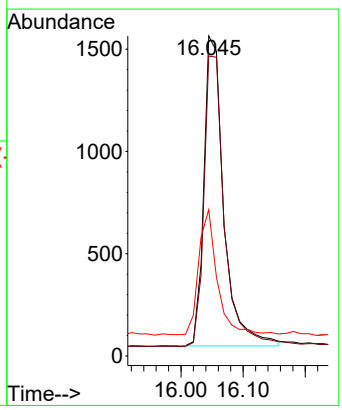


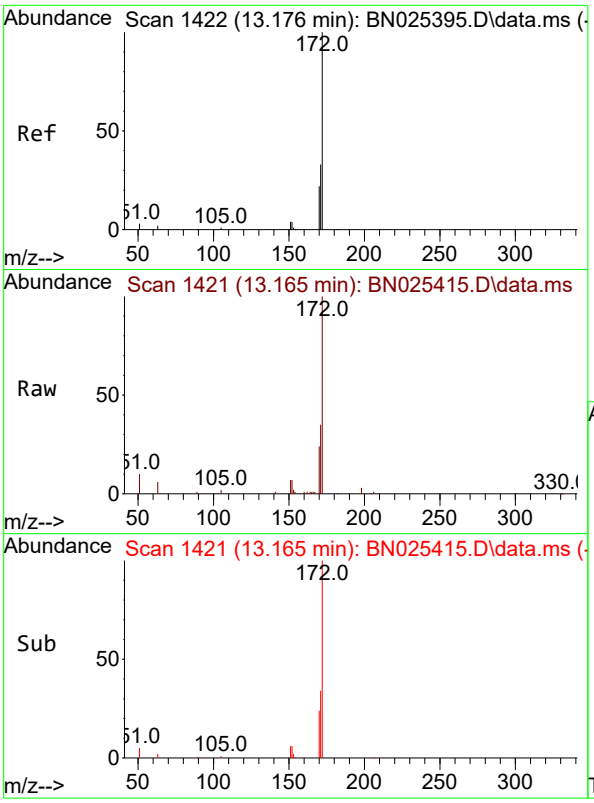


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:330 Resp: 3392

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	37.4	30.2	45.2



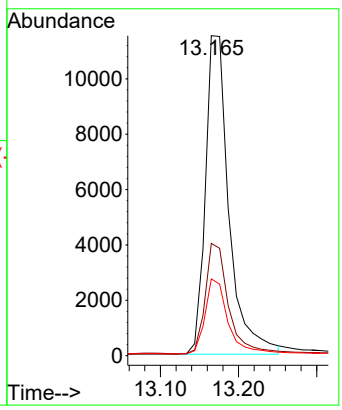


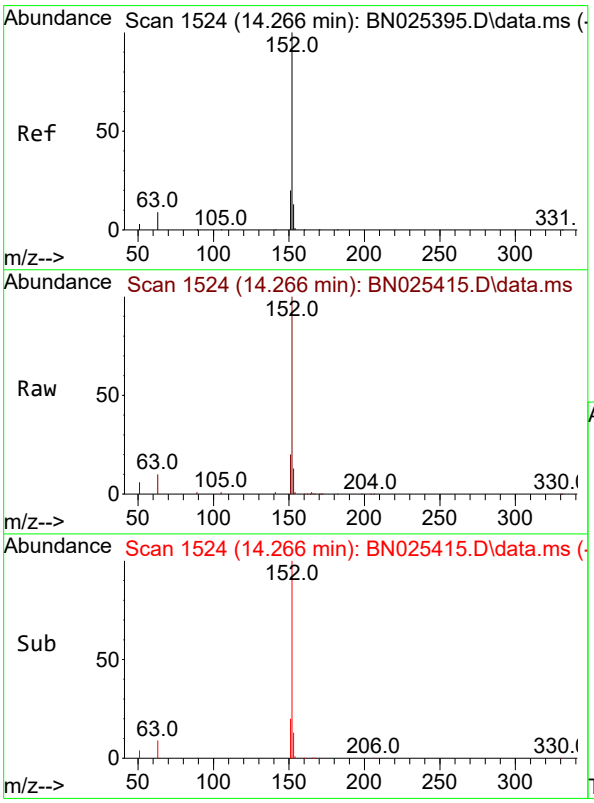
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.165 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:172 Resp: 24155

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.7	40.1
170	24.0	17.8	26.8

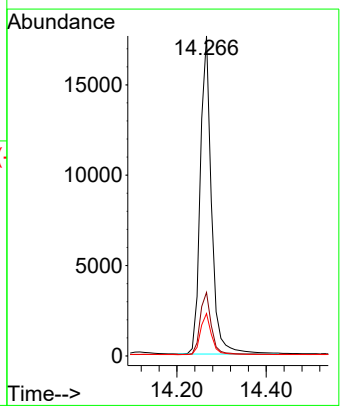


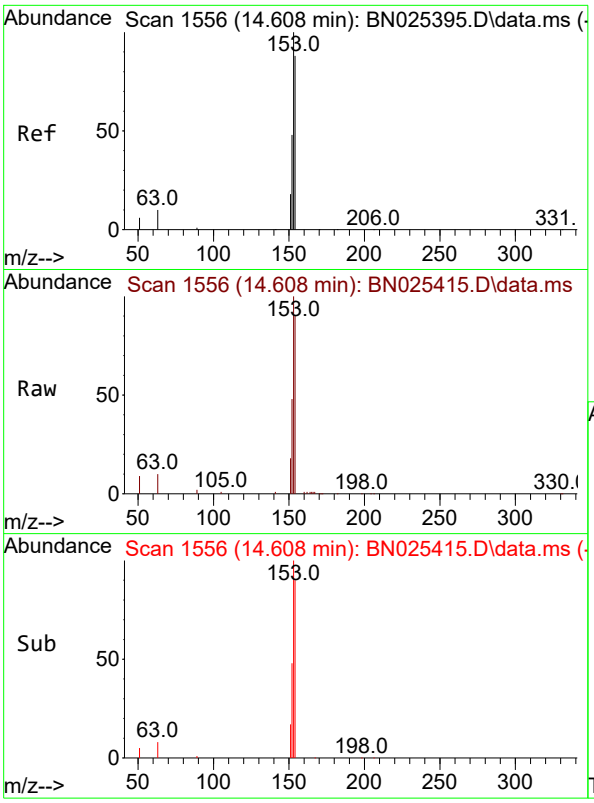


#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:152 Resp: 30600

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



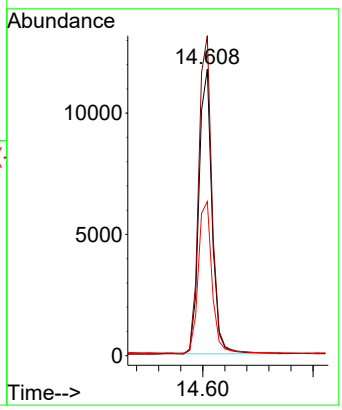


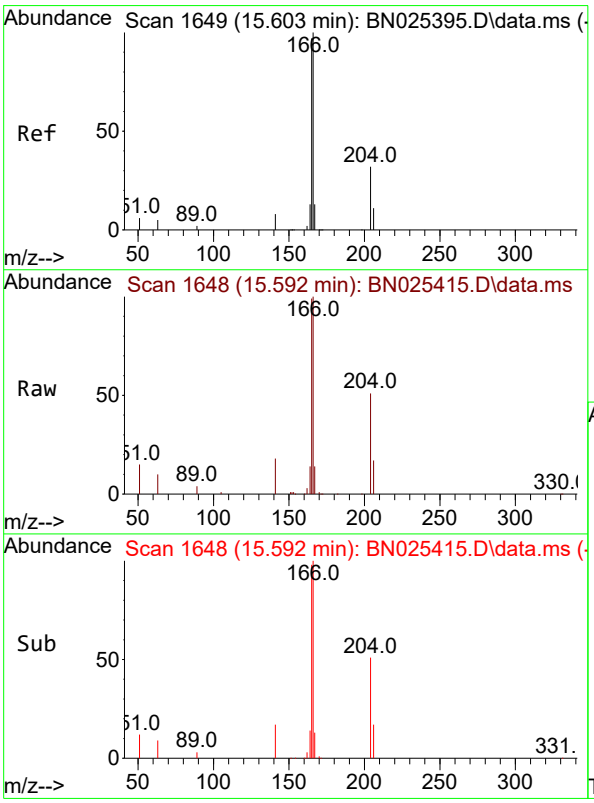
#17
Acenaphthene
Concen: 0.446 ng
RT: 14.608 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:154 Resp: 19355

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.7	137.5
152	56.0	44.6	66.8

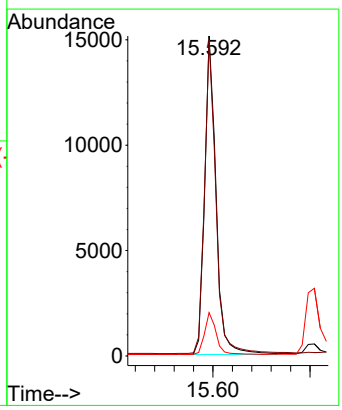


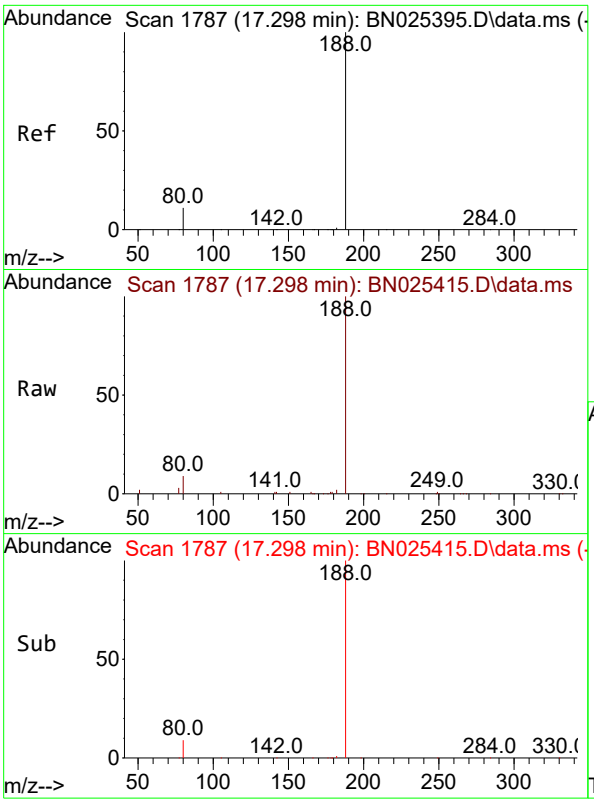


#18
Fluorene
Concen: 0.434 ng
RT: 15.592 min Scan# 1648
Delta R.T. -0.011 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:166 Resp: 24953

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.2	10.7	16.1



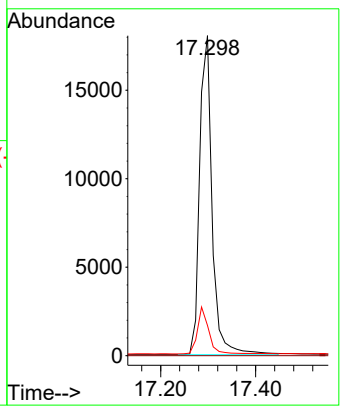


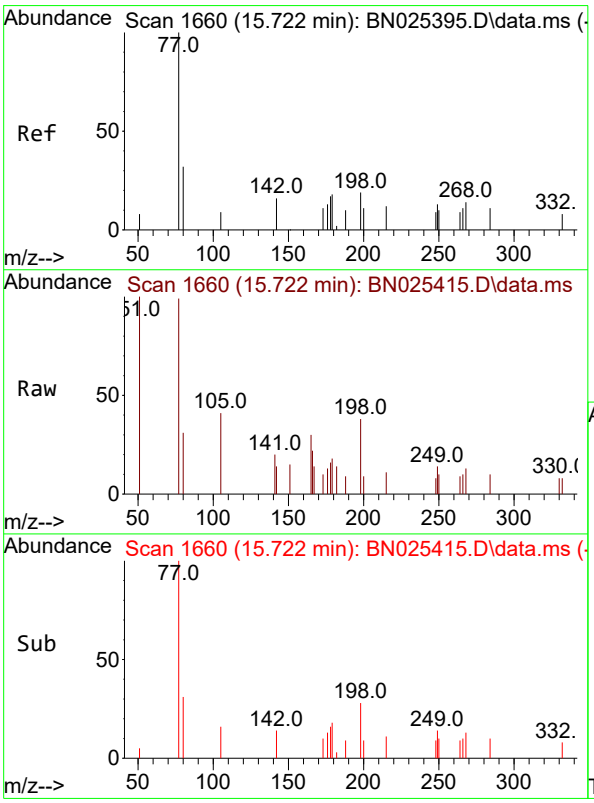
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:188 Resp: 33013

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

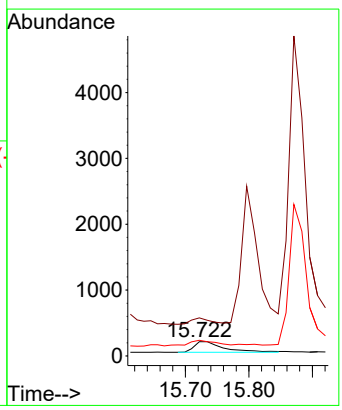


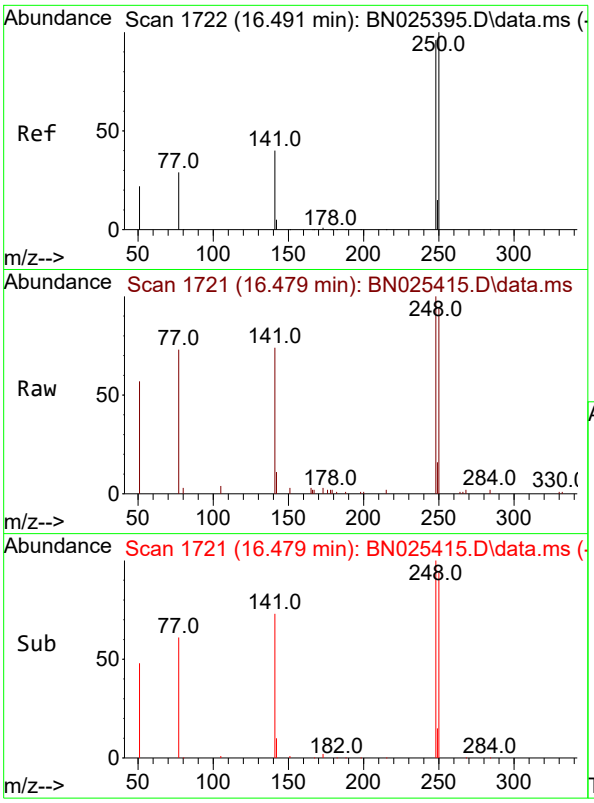


#20
4,6-Dinitro-2-methylphenol
Concen: 0.459 ng
RT: 15.722 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:198 Resp: 526

Ion	Ratio	Lower	Upper
198	100		
51	265.9	259.2	388.8
105	109.7	112.6	168.8#



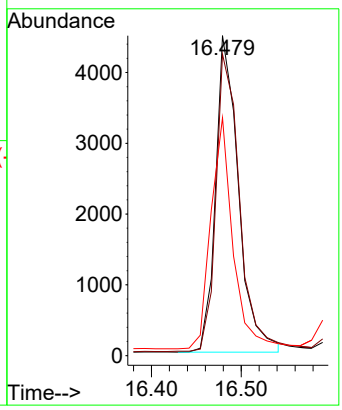


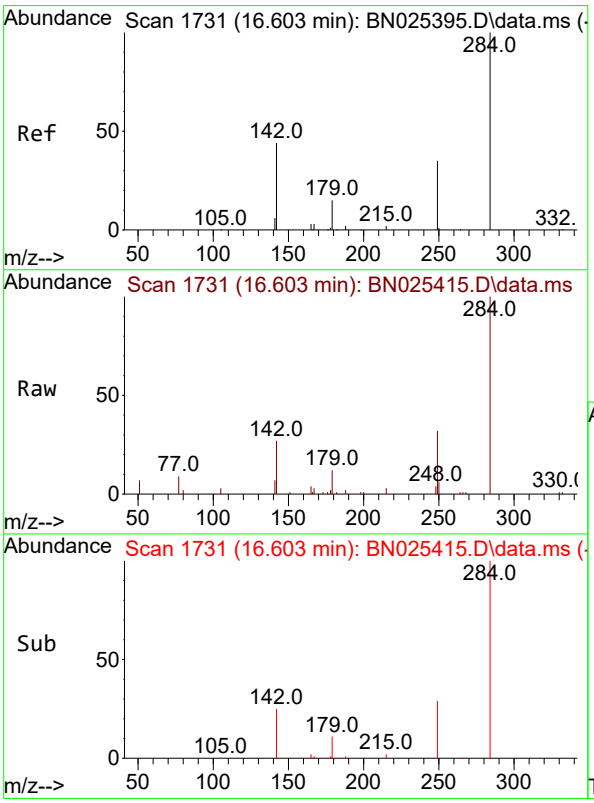
#21
4-Bromophenyl-phenylether
Concen: 0.427 ng
RT: 16.479 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:248 Resp: 7952

Ion	Ratio	Lower	Upper
248	100		
250	94.2	83.1	124.7
141	74.3	35.0	52.6#

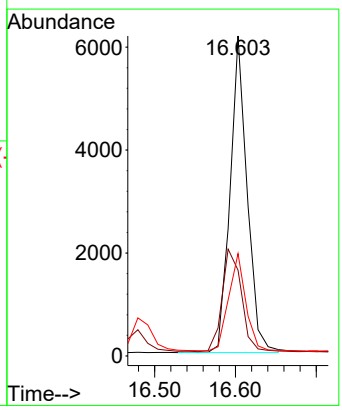


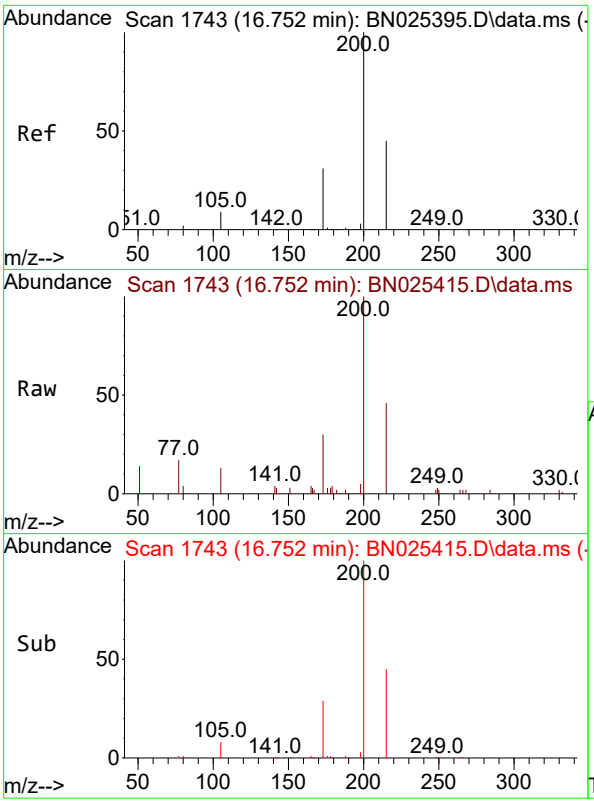


#22
Hexachlorobenzene
Concen: 0.441 ng
RT: 16.603 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:284 Resp: 9058

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.7	44.5
249	30.6	24.7	37.1



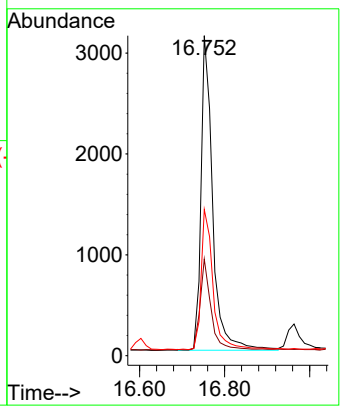


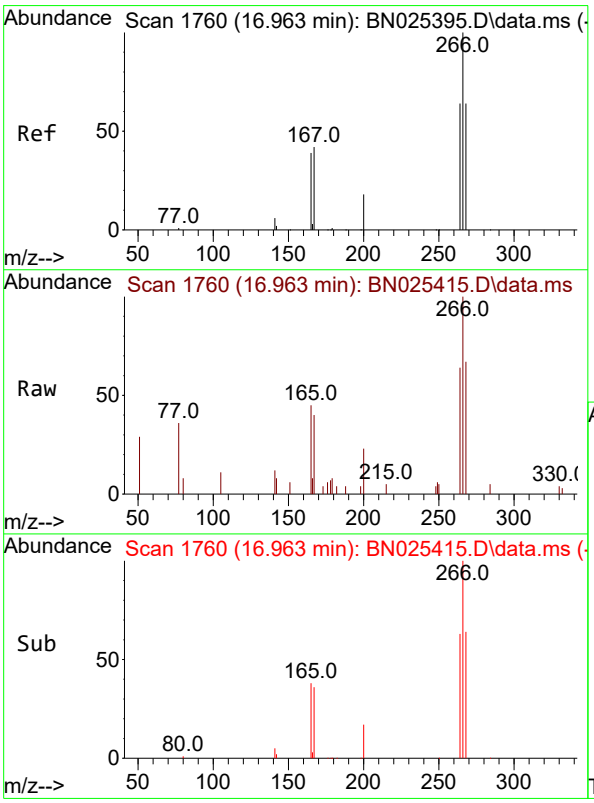
#23
Atrazine
Concen: 0.392 ng
RT: 16.752 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:200 Resp: 5925

Ion	Ratio	Lower	Upper
200	100		
173	30.2	26.5	39.7
215	45.7	37.0	55.4

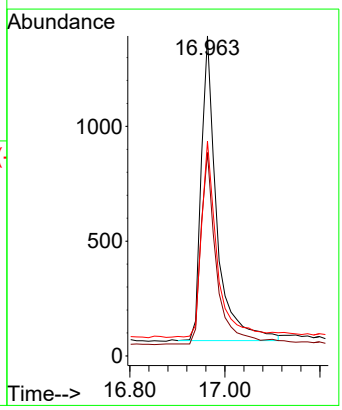


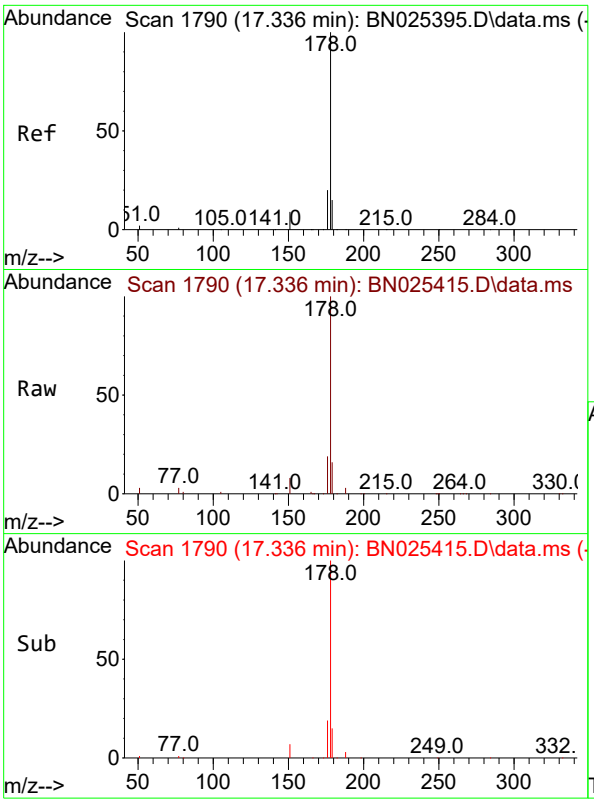


#24
Pentachlorophenol
Concen: 0.365 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:266 Resp: 3012

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.1	75.1
268	64.8	49.3	73.9



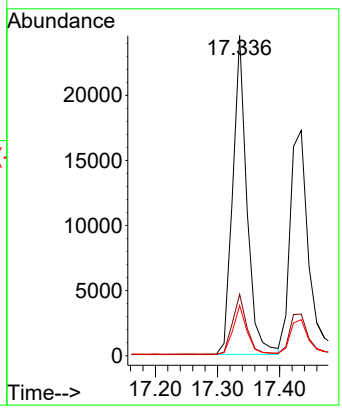


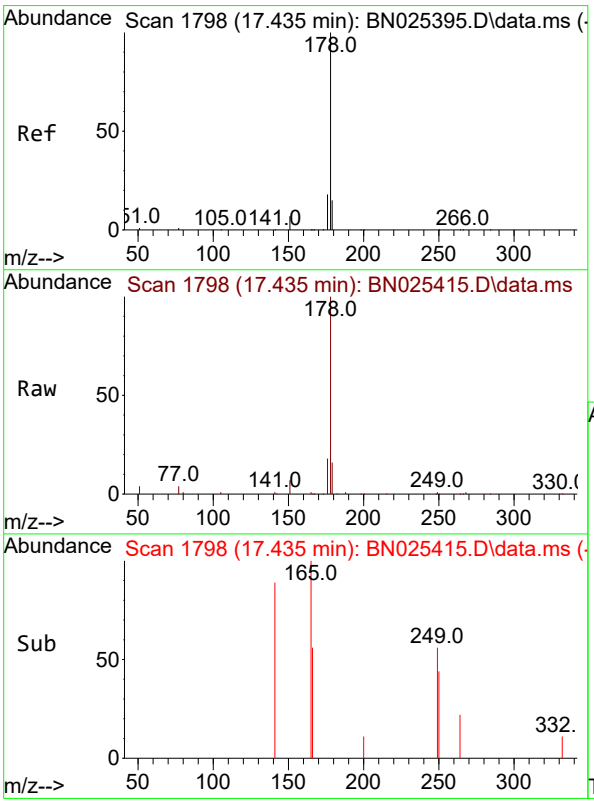
#25
Phenanthrene
Concen: 0.435 ng
RT: 17.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:178 Resp: 38829

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.1	18.1

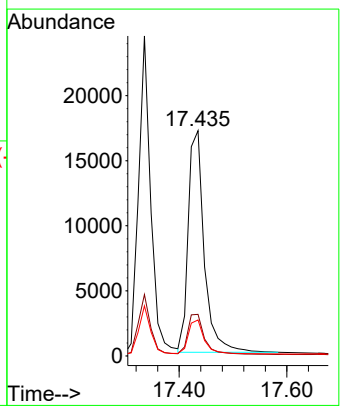


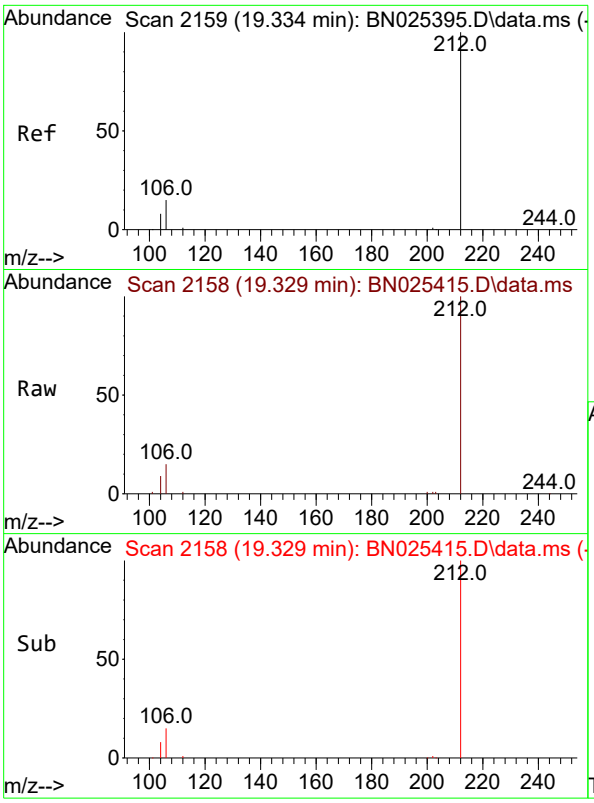


#26
Anthracene
Concen: 0.406 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:178 Resp: 35211

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.2	12.0	18.0



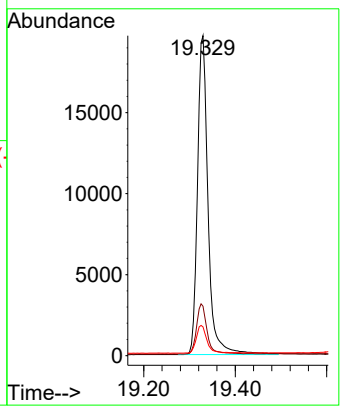


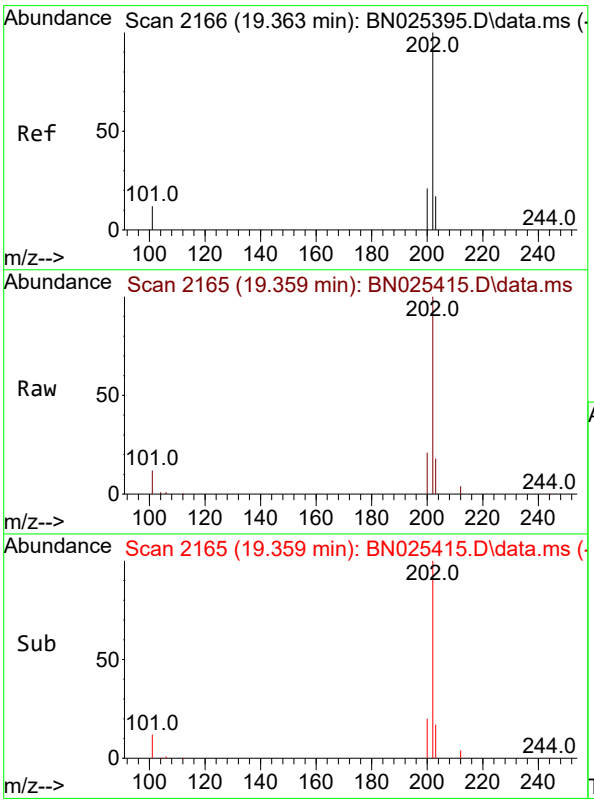
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.329 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:212 Resp: 31758

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.8	7.0	10.4

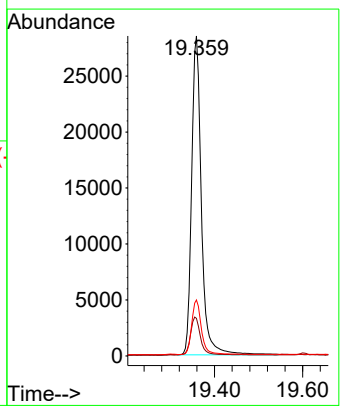


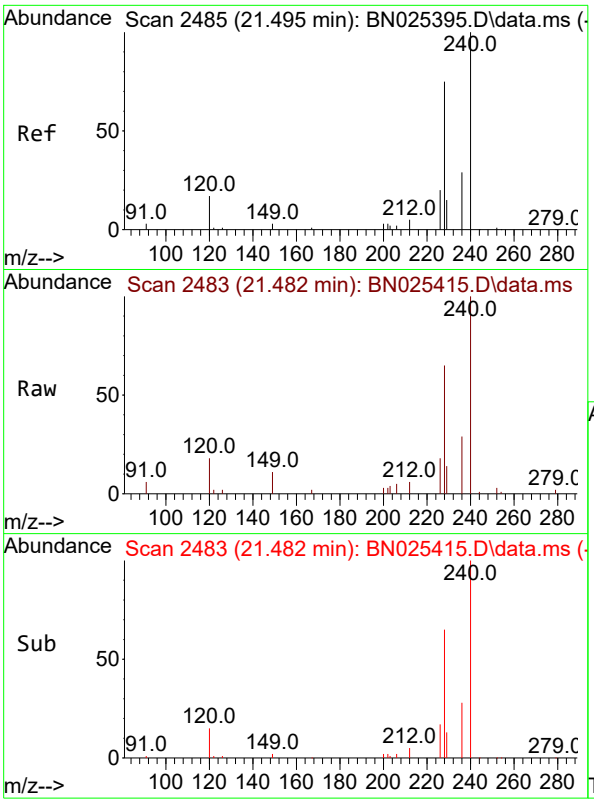


#28
Fluoranthene
Concen: 0.423 ng
RT: 19.359 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:202 Resp: 43822

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	17.1	13.8	20.6



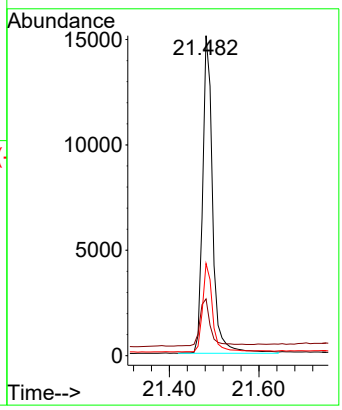


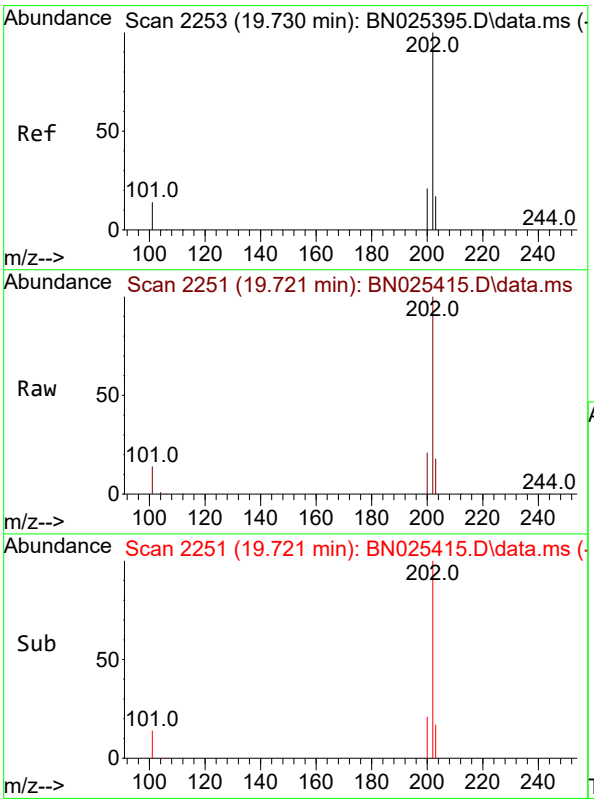
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:240 Resp: 23348

Ion	Ratio	Lower	Upper
240	100		
120	17.7	19.0	28.6#
236	28.8	25.0	37.6

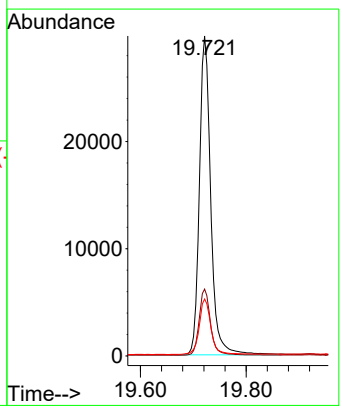


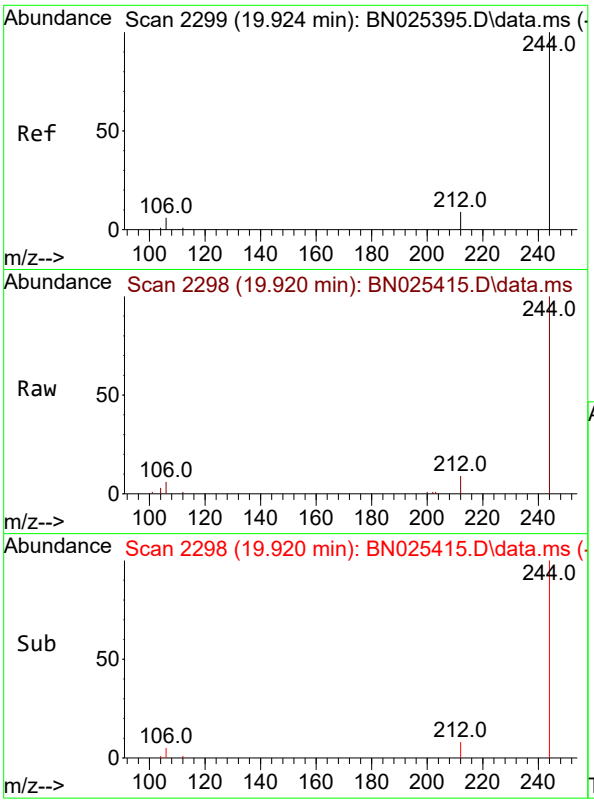


#30
Pyrene
Concen: 0.452 ng
RT: 19.721 min Scan# 2251
Delta R.T. -0.008 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:202 Resp: 44486

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.8	25.2
203	18.0	14.4	21.6



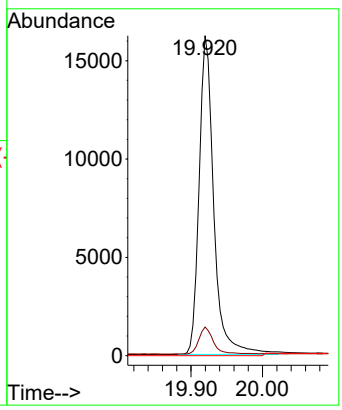


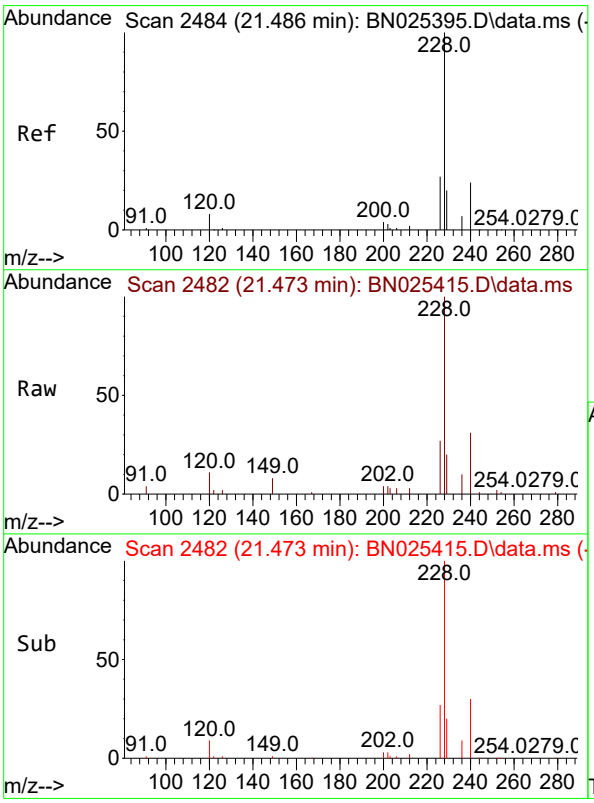
#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.920 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:244 Resp: 24667

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.5	11.3
122	0.0	0.0	0.0

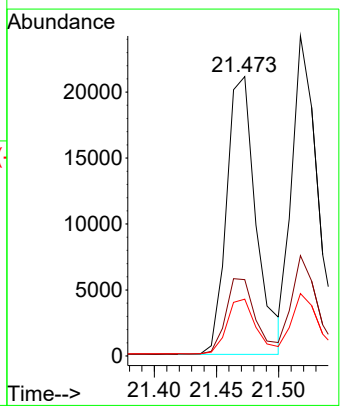


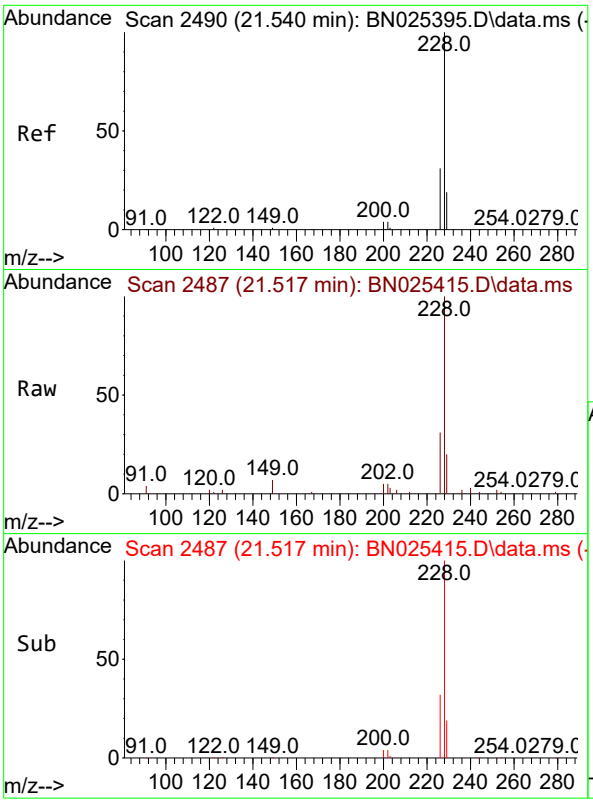


#32
Benzo(a)anthracene
Concen: 0.437 ng
RT: 21.473 min Scan# 2482
Delta R.T. -0.013 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:228 Resp: 34792

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.2	34.8
229	20.3	18.2	27.2



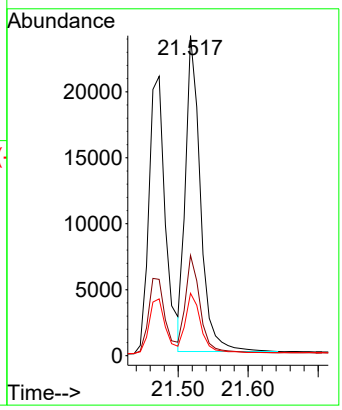


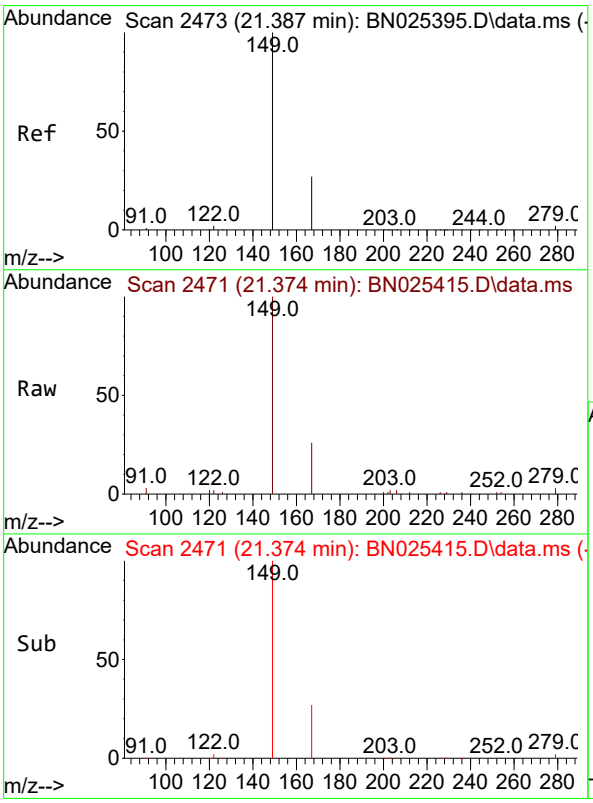
#33
Chrysene
Concen: 0.457 ng
RT: 21.517 min Scan# 24
Delta R.T. -0.022 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:228 Resp: 35309

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.8	38.6
229	19.5	17.9	26.9

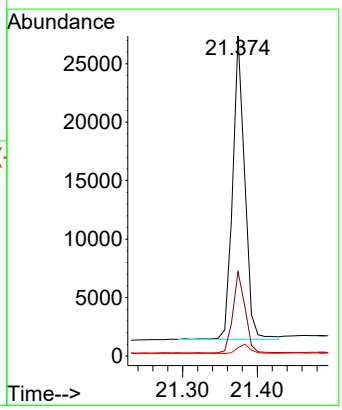


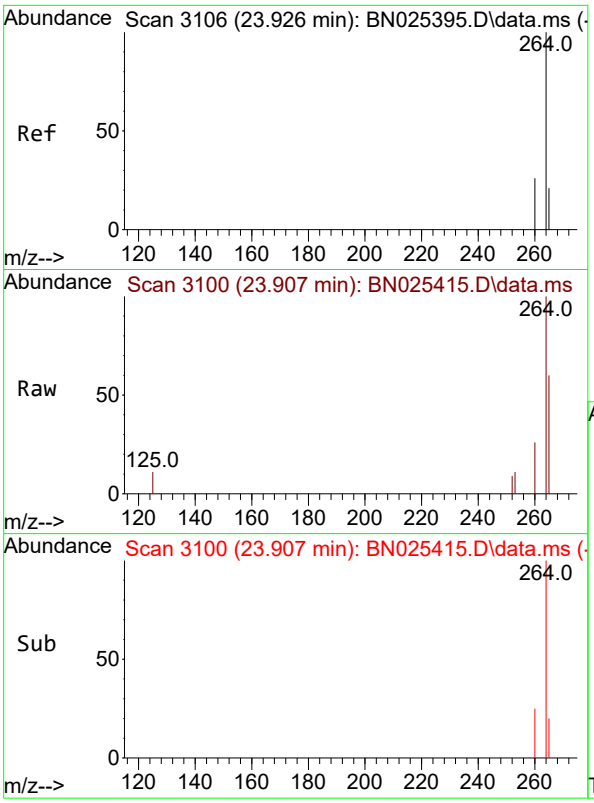


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.381 ng
RT: 21.374 min Scan# 2471
Delta R.T. -0.013 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:149 Resp: 29228

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.7	32.5
279	3.3	3.0	4.4



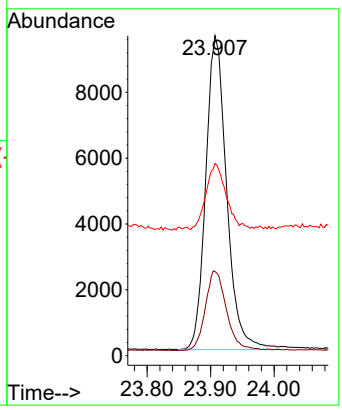


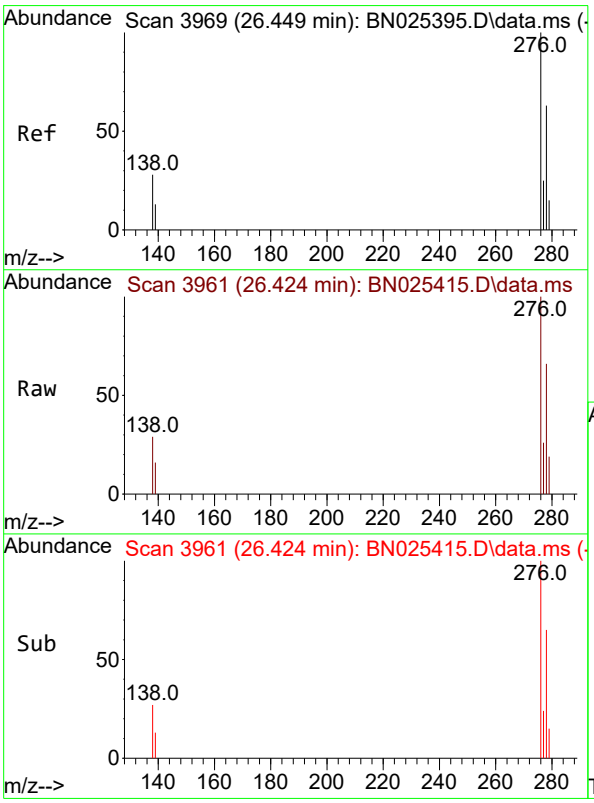
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.907 min Scan# 3
Delta R.T. -0.019 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:264 Resp: 21834

Ion	Ratio	Lower	Upper
264	100		
260	26.3	23.5	35.3
265	60.1	50.9	76.3

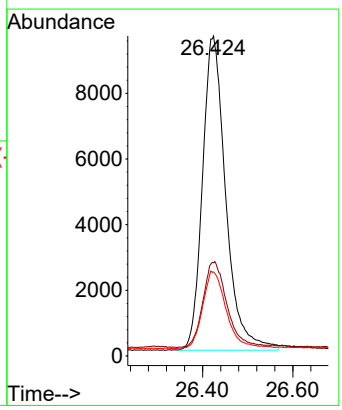


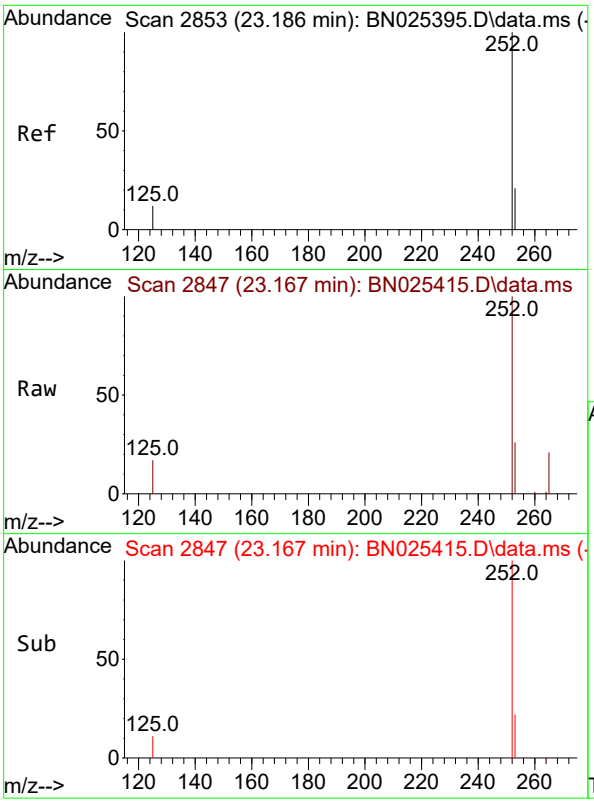


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng
RT: 26.424 min Scan# 3961
Delta R.T. -0.025 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:276 Resp: 34272

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.7	34.1
277	24.7	20.2	30.4



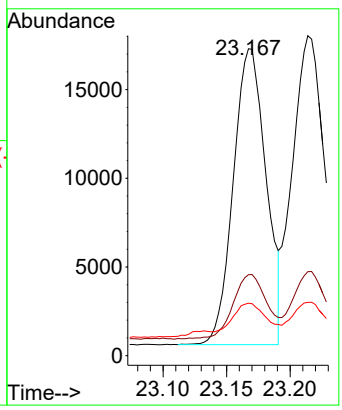


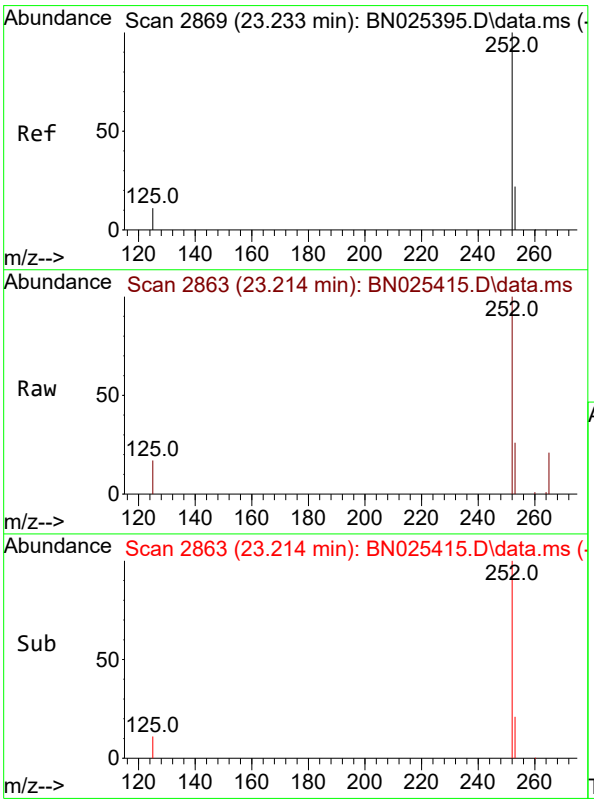
#37
Benzo(b)fluoranthene
Concen: 0.418 ng
RT: 23.167 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:252 Resp: 29920

Ion	Ratio	Lower	Upper
252	100		
253	26.4	23.4	35.0
125	17.1	19.8	29.8#

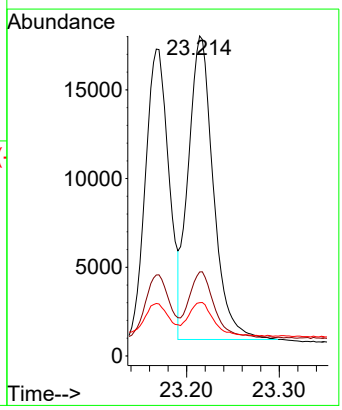


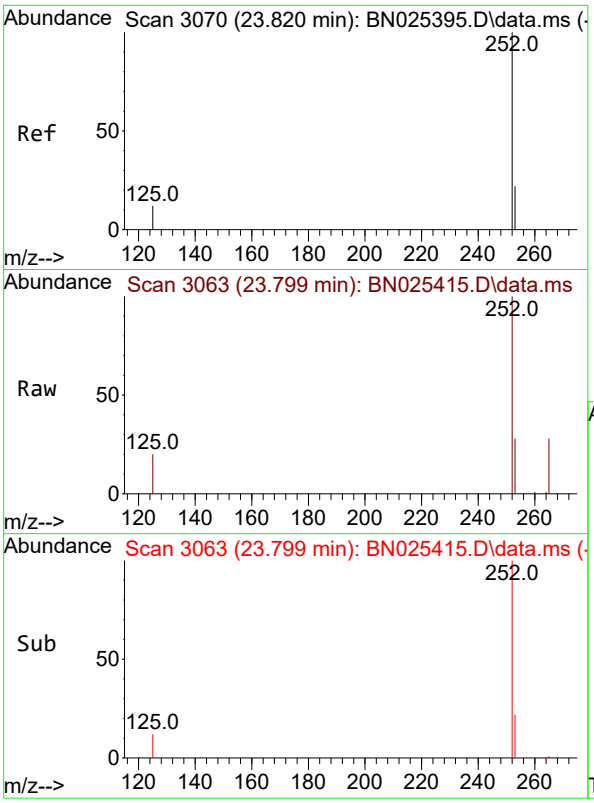


#38
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 23.214 min Scan# 2863
Delta R.T. -0.019 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:252 Resp: 32230

Ion	Ratio	Lower	Upper
252	100		
253	26.2	23.6	35.4
125	16.7	20.2	30.2#



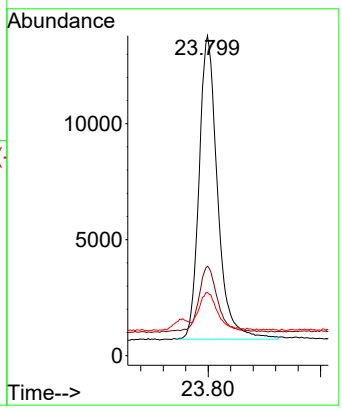


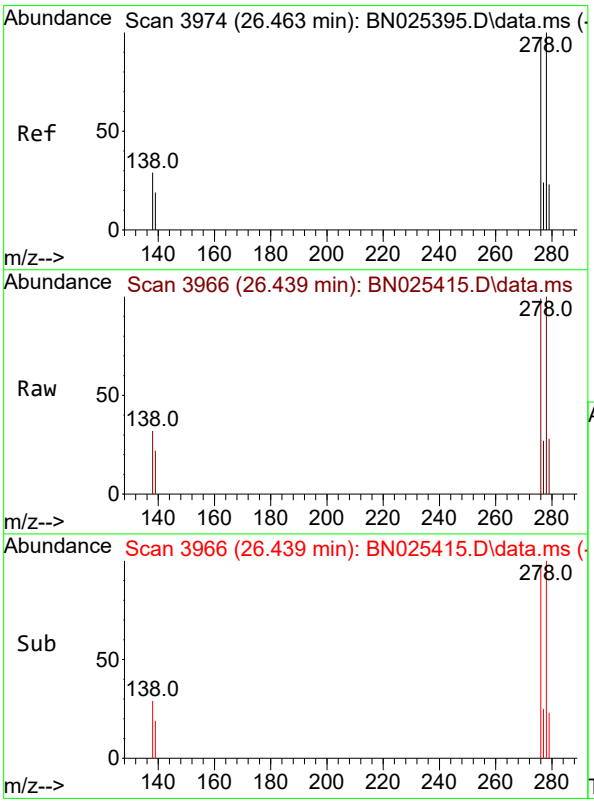
#39
Benzo(a)pyrene
Concen: 0.427 ng
RT: 23.799 min Scan# 3
Delta R.T. -0.022 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:252 Resp: 29800

Ion	Ratio	Lower	Upper
252	100		
253	28.0	25.4	38.2
125	19.7	23.5	35.3#

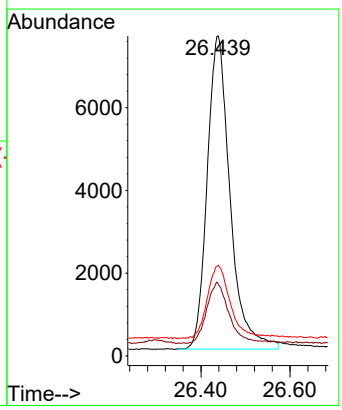


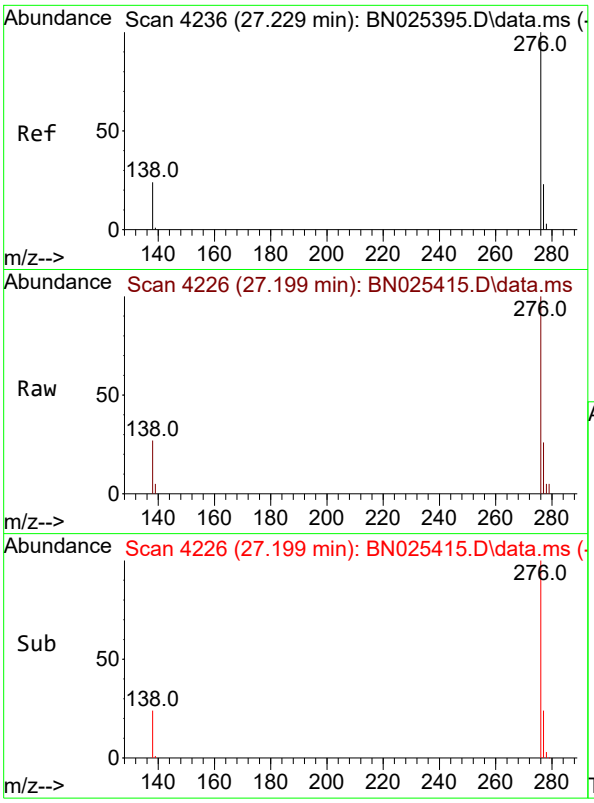


#40
Dibenzo(a,h)anthracene
Concen: 0.422 ng
RT: 26.439 min Scan# 3966
Delta R.T. -0.025 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Tgt Ion:278 Resp: 26984

Ion	Ratio	Lower	Upper
278	100		
139	22.5	23.8	35.8#
279	28.4	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.435 ng
RT: 27.199 min Scan# 4
Delta R.T. -0.030 min
Lab File: BN025415.D
Acq: 12 May 2023 00:19

Instrument :
BNA_N
ClientSampleId :
PB152744BSD

Tgt Ion:276 Resp: 29402

Ion	Ratio	Lower	Upper
276	100		
277	26.1	23.5	35.3
138	27.1	24.7	37.1