Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019764.D
Acq On : 13 May 2022 10:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 23:58:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4293	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12725	0.400	ng	#-0.01
13) Acenaphthene-d10	14.474	164	7504	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16639	0.400	ng	0.00
29) Chrysene-d12	21.395	240	17484	0.400	ng	0.00
35) Perylene-d12	23.735	264	16704	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4594	0.428	ng	0.00
5) Phenol-d6	7.009	99	5528	0.411	ng	-0.01
8) Nitrobenzene-d5	8.993	82	3919	0.408	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	8492	0.383	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1184	0.399	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	12650	0.386	ng	0.00
27) Fluoranthene-d10	19.240	212	20747	0.439	ng	0.00
31) Terphenyl-d14	19.839	244	15179	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2002	0.393	ng	96
3) n-Nitrosodimethylamine	3.665	42	2448	0.439	ng	# 94
6) bis(2-Chloroethyl)ether	7.277	93	5352	0.409	ng	100
9) Naphthalene	10.690	128	15095	0.391	ng	100
10) Hexachlorobutadiene	10.989	225	2773	0.395	ng	# 99
12) 2-Methylnaphthalene	12.303	142	10054	0.382	ng	99
16) Acenaphthylene	14.185	152	13196	0.375	ng	98
17) Acenaphthene	14.538	154	10023	0.385	ng	100
18) Fluorene	15.521	166	13792	0.419	ng	100
20) 4,6-Dinitro-2-methylph...	15.586	198	1130	0.473	ng	# 85
21) 4-Bromophenyl-phenylether	16.405	248	3975	0.391	ng	95
22) Hexachlorobenzene	16.528	284	4395	0.390	ng	99
23) Atrazine	16.672	200	2920	0.440	ng	97
24) Pentachlorophenol	16.867	266	1972	0.453	ng	97
25) Phenanthrene	17.246	178	22270	0.387	ng	100
26) Anthracene	17.338	178	18720	0.384	ng	100
28) Fluoranthene	19.274	202	26499	0.429	ng	99
30) Pyrene	19.632	202	27727	0.374	ng	100
32) Benzo(a)anthracene	21.378	228	26173	0.411	ng	98
33) Chrysene	21.431	228	27728	0.388	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	15127	0.570	ng	100
36) Indeno(1,2,3-cd)pyrene	26.135	276	30973	0.396	ng	99
37) Benzo(b)fluoranthene	23.027	252	27496	0.377	ng	99
38) Benzo(k)fluoranthene	23.071	252	27558	0.356	ng	98
39) Benzo(a)pyrene	23.633	252	22337	0.389	ng	100
40) Dibenzo(a,h)anthracene	26.156	278	24791	0.393	ng	99
41) Benzo(g,h,i)perylene	26.872	276	25895	0.399	ng	99

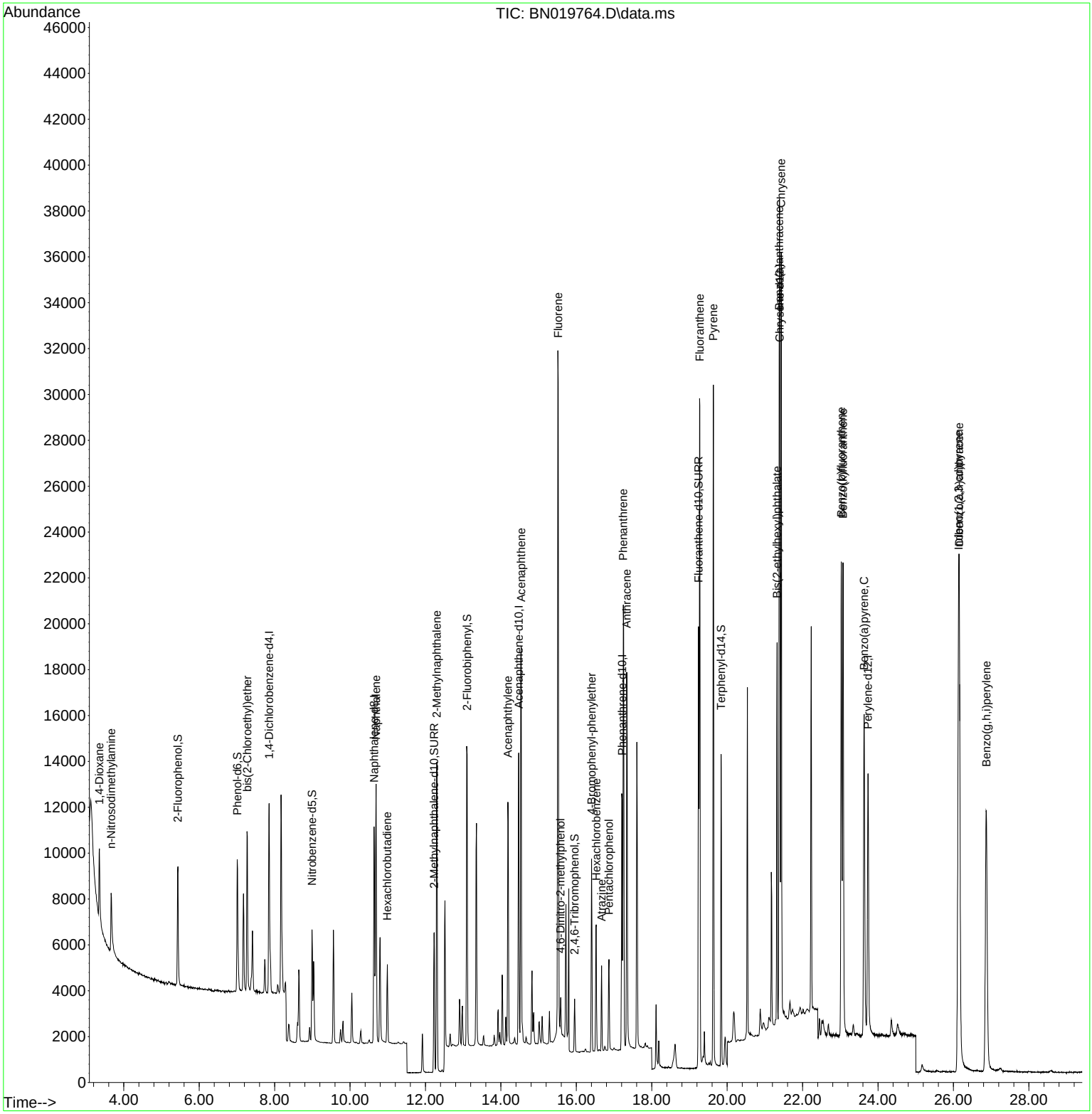
(#) = qualifier out of range (m) = manual integration (+) = signals summed

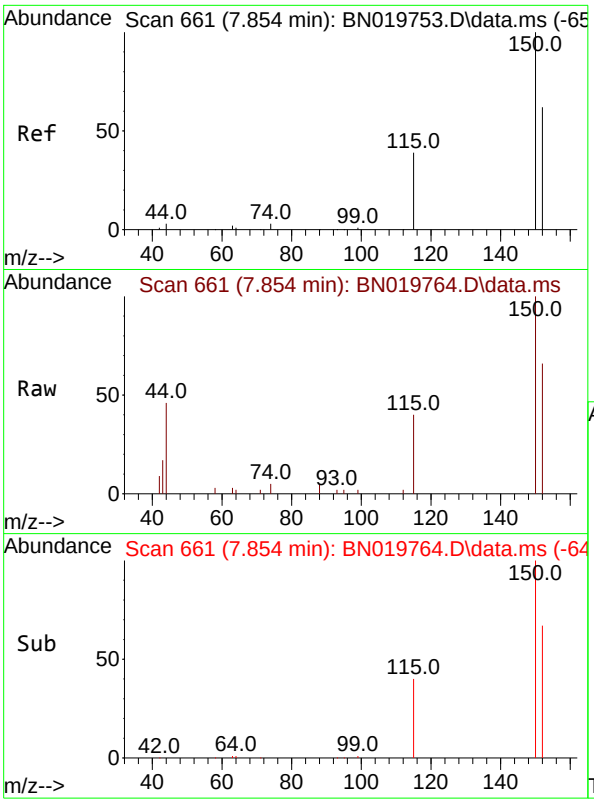
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019764.D
Acq On : 13 May 2022 10:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 23:58:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration



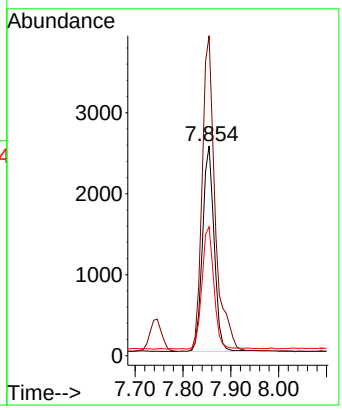


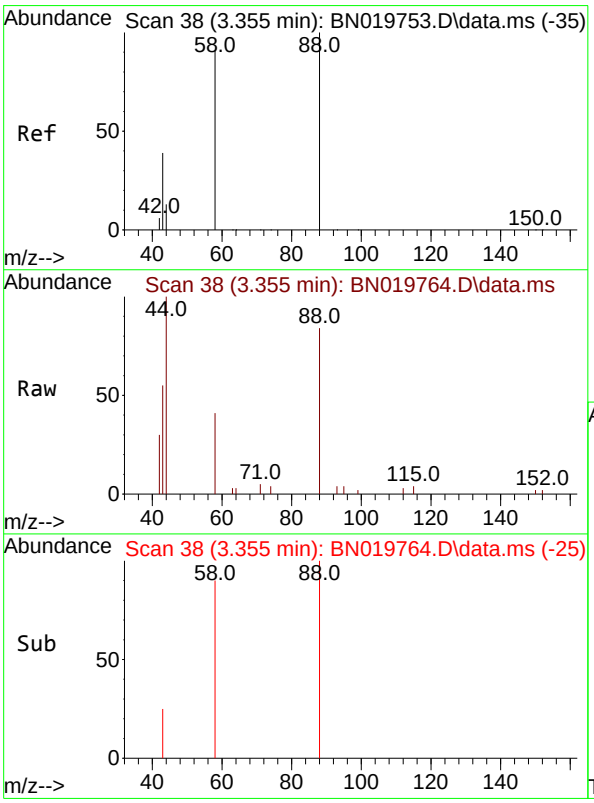
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4293

Ion	Ratio	Lower	Upper
152	100		
150	152.5	127.9	191.9
115	61.4	51.4	77.2

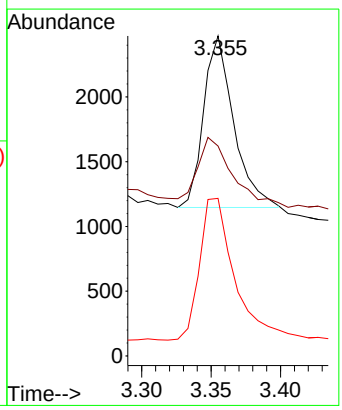


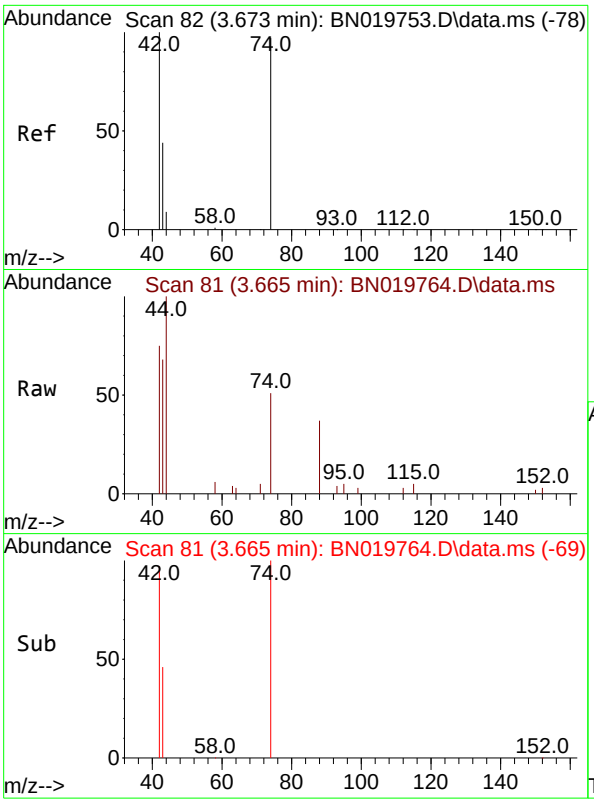


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion: 88 Resp: 2002

Ion	Ratio	Lower	Upper
88	100		
43	40.2	30.2	45.2
58	94.9	73.0	109.6



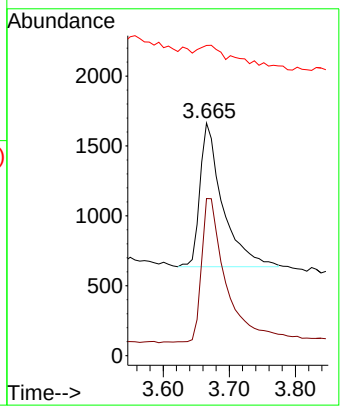


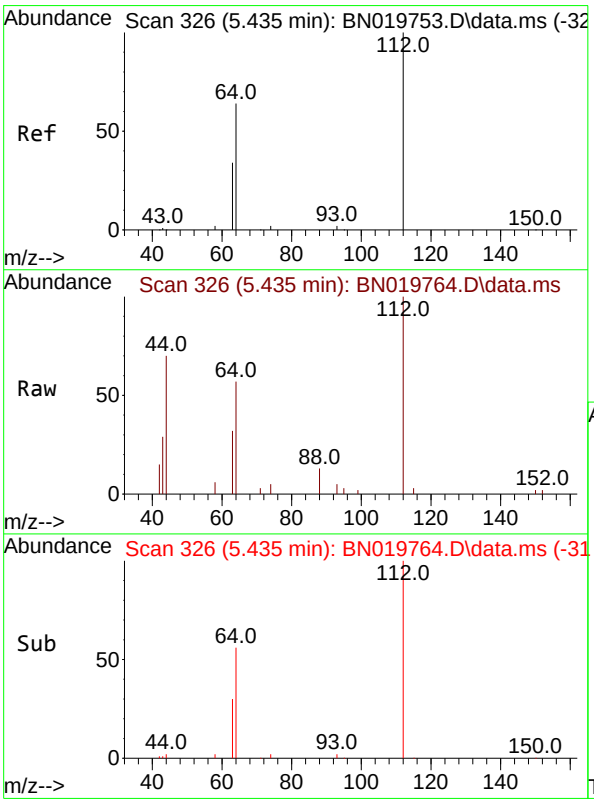
#3
n-Nitrosodimethylamine
Concen: 0.439 ng
RT: 3.665 min Scan# 8
Delta R.T. -0.014 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2448

Ion	Ratio	Lower	Upper
42	100		
74	109.8	84.0	126.0
44	17.7	9.8	14.8#

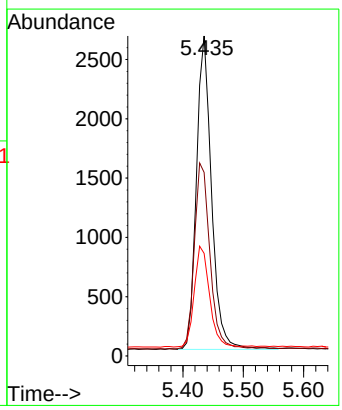


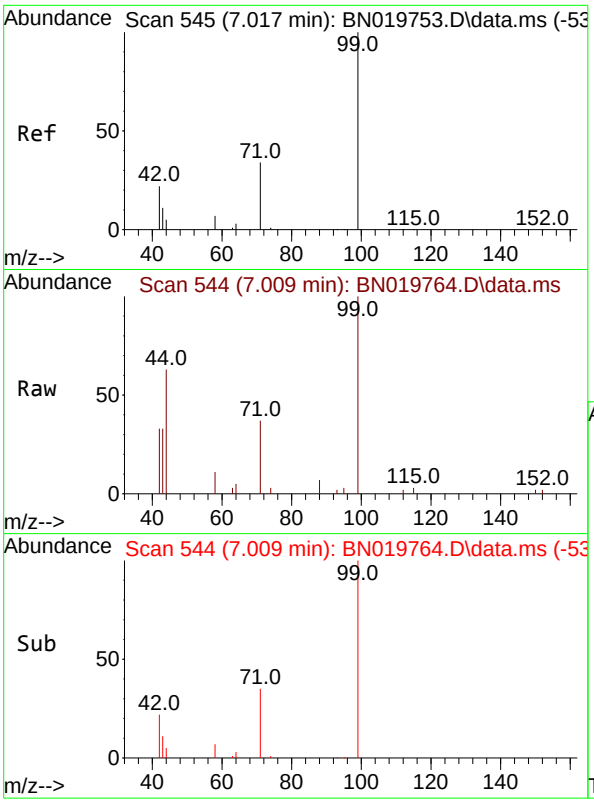


#4
2-Fluorophenol
Concen: 0.428 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:112 Resp: 4594

Ion	Ratio	Lower	Upper
112	100		
64	61.3	49.1	73.7
63	32.3	26.3	39.5



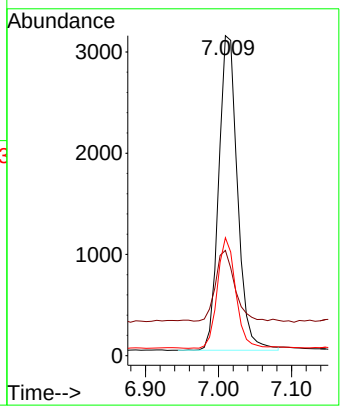


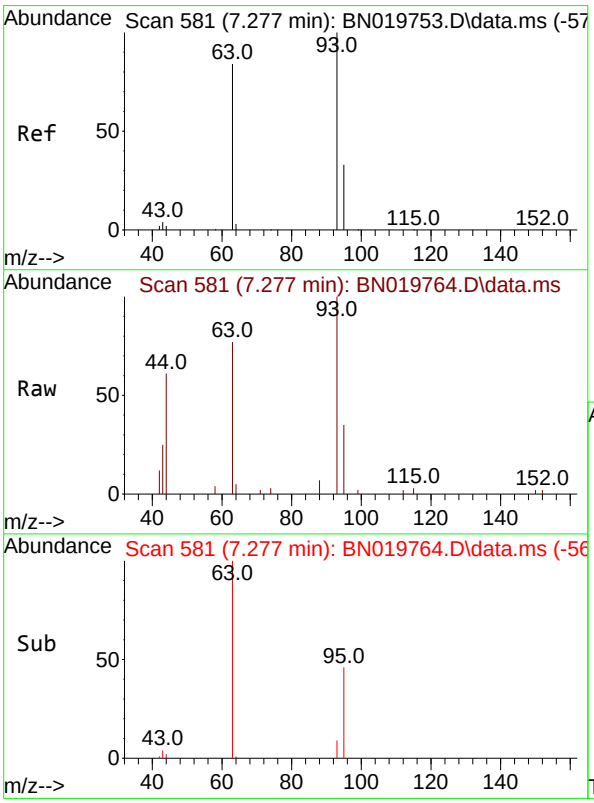
#5
Phenol-d6
Concen: 0.411 ng
RT: 7.009 min Scan# 54
Delta R.T. -0.014 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5528

Ion	Ratio	Lower	Upper
99	100		
42	23.5	19.3	28.9
71	34.8	27.5	41.3

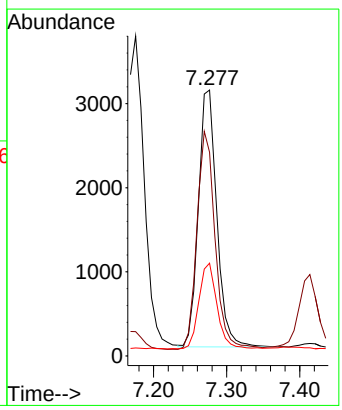


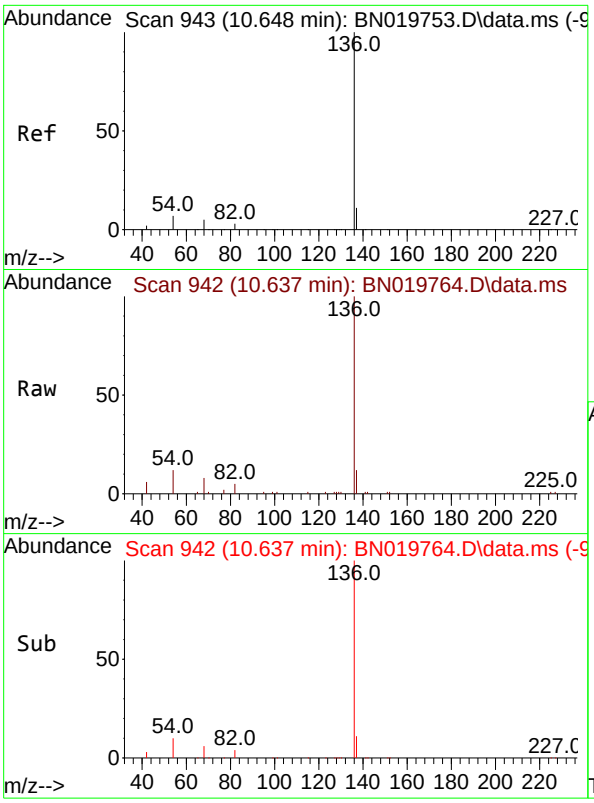


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion: 93 Resp: 5352

Ion	Ratio	Lower	Upper
93	100		
63	83.9	67.4	101.0
95	32.9	26.5	39.7



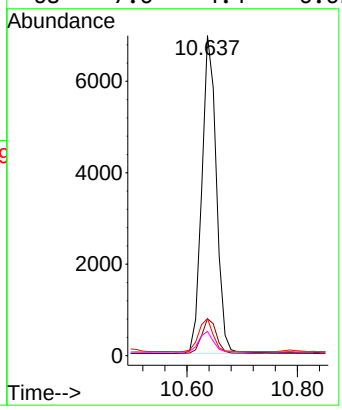


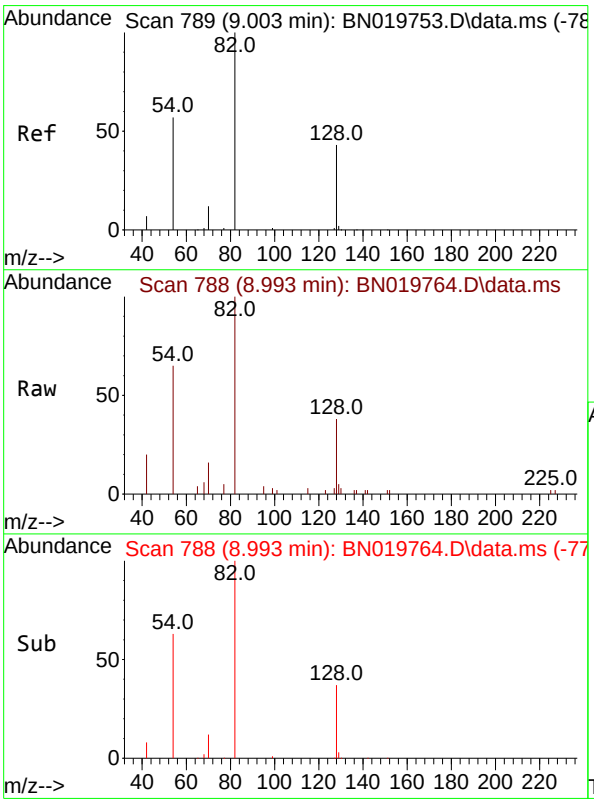
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12725

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	11.6	6.2	9.2#
68	7.6	4.4	6.6#

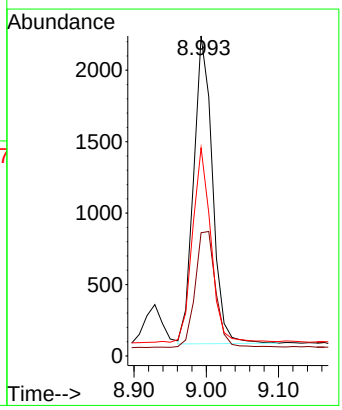


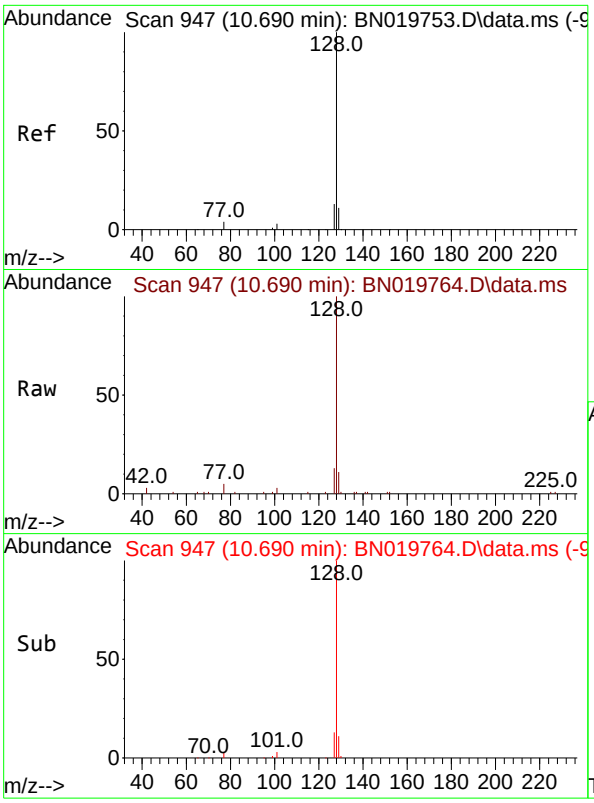


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.011 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion: 82 Resp: 3919

Ion	Ratio	Lower	Upper
82	100		
128	38.5	35.0	52.6
54	65.0	46.2	69.4



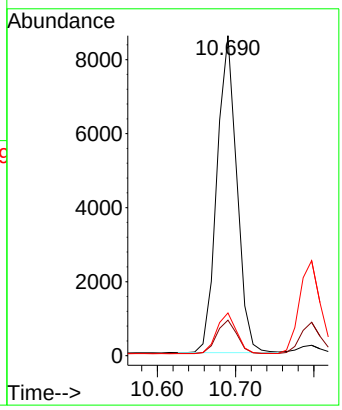


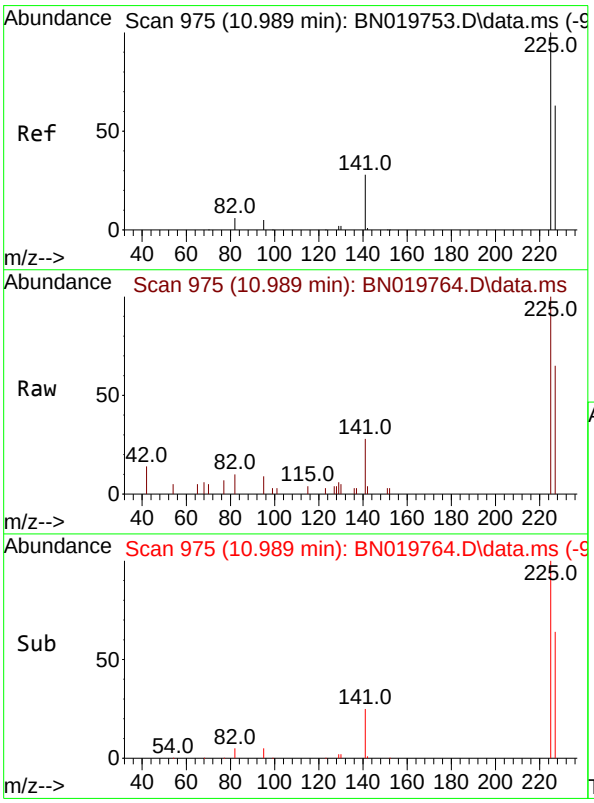
#9
Naphthalene
Concen: 0.391 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 15095

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.8	16.2

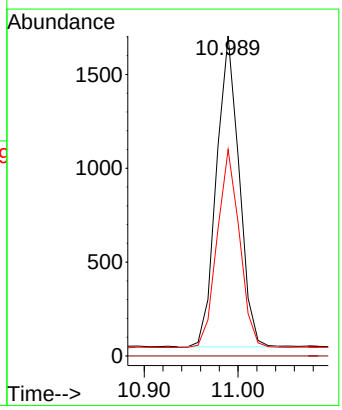


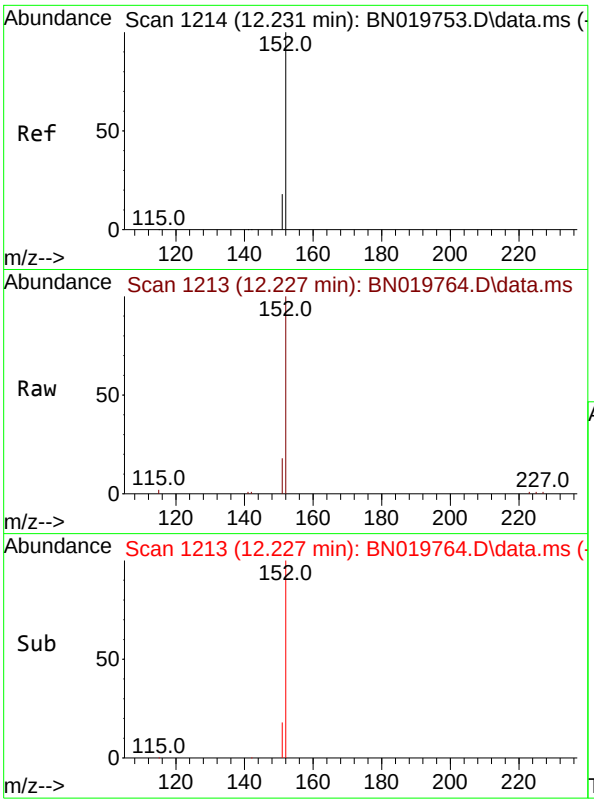


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:225 Resp: 2773

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	50.9	76.3



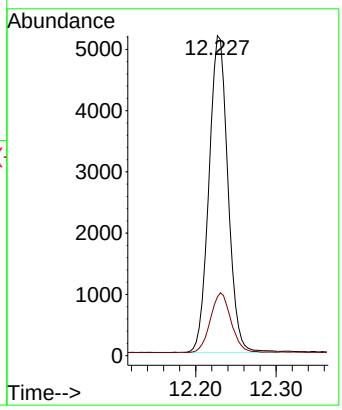


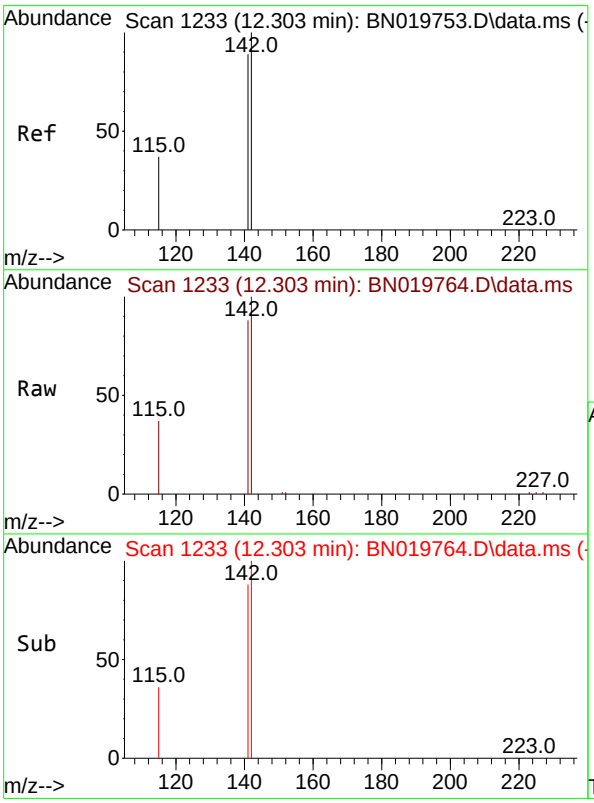
#11
2-Methylnaphthalene-d10
Concen: 0.383 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8492

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

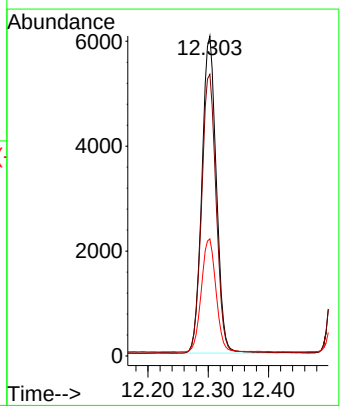


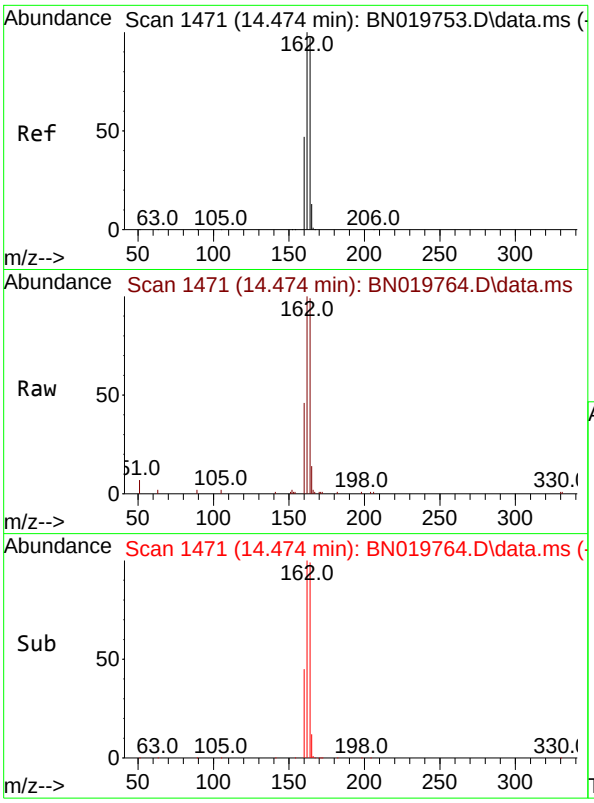


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:142 Resp: 10054

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.6	107.4
115	36.6	29.8	44.8



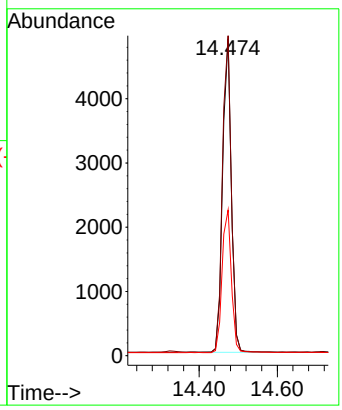


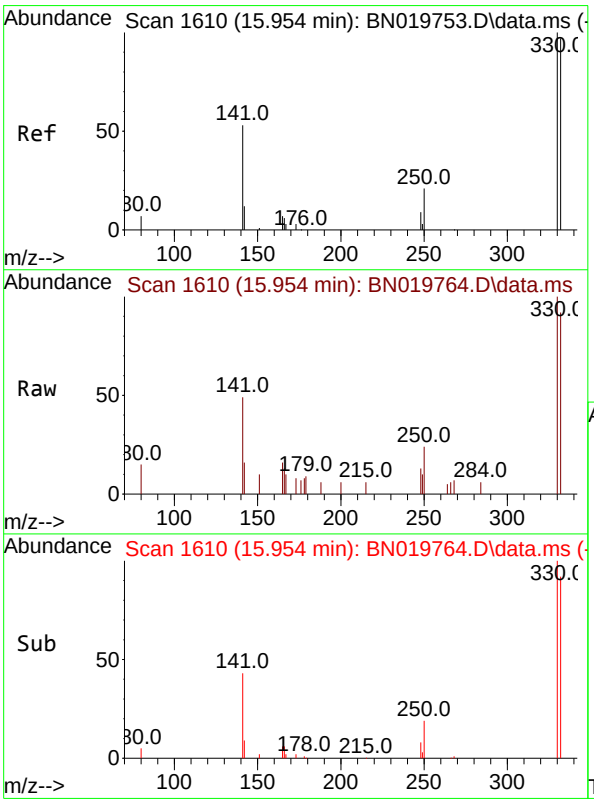
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7504

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.1	123.1
160	46.1	38.6	58.0

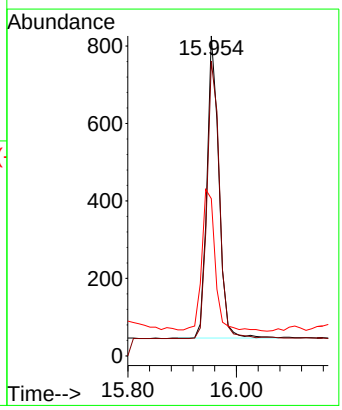


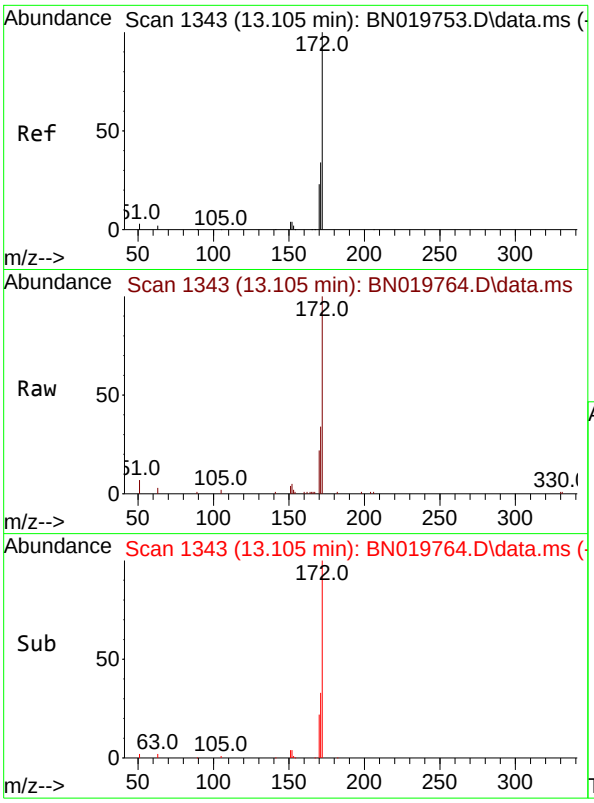


#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:330 Resp: 1184

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.6	116.4
141	53.2	41.0	61.4



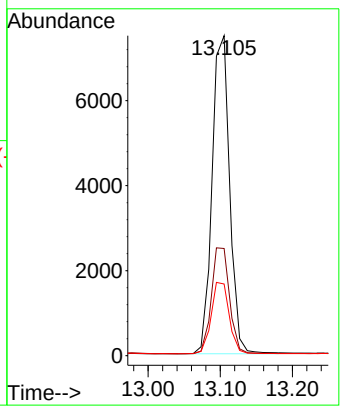


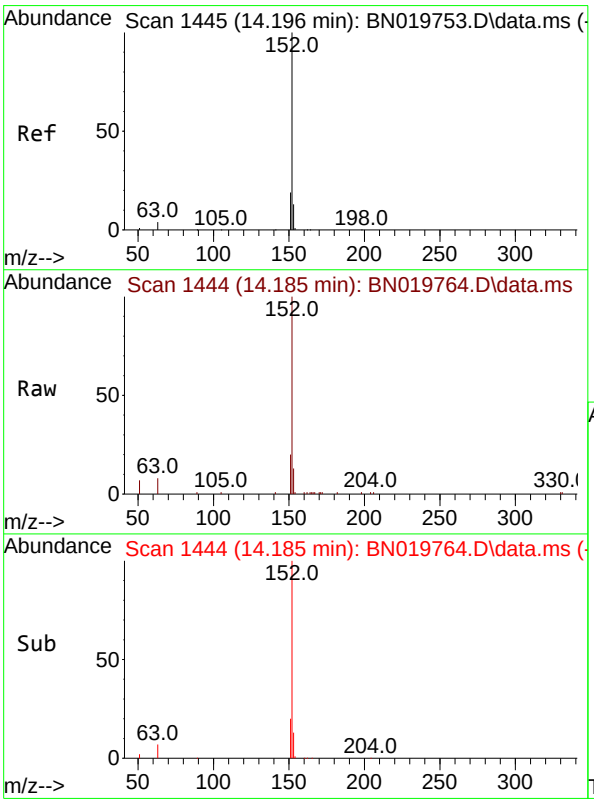
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.105 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 12650

Ion	Ratio	Lower	Upper
172	100		
171	33.5	27.2	40.8
170	22.4	18.2	27.4

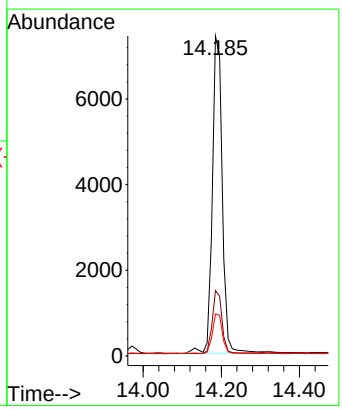


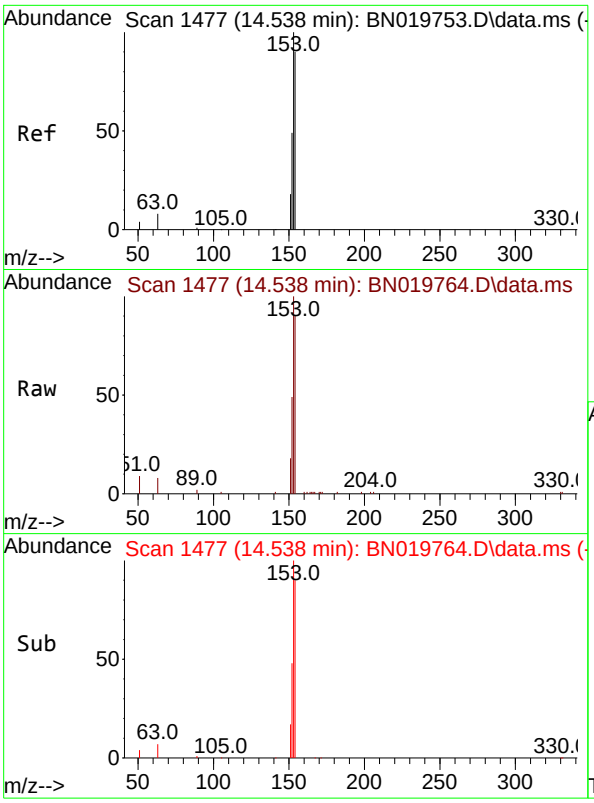


#16
Acenaphthylene
Concen: 0.375 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:152 Resp: 13196

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4
153	12.6	10.7	16.1



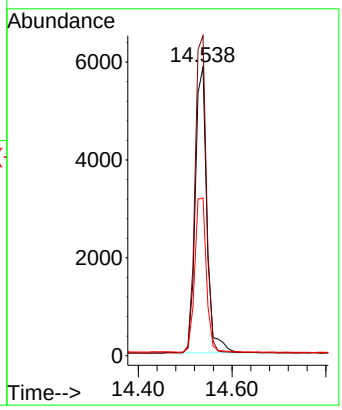


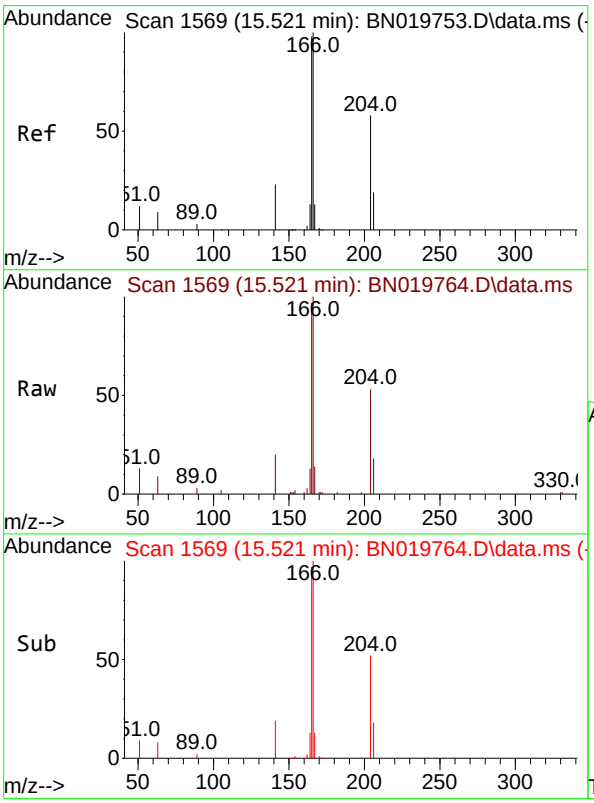
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 10023

Ion	Ratio	Lower	Upper
154	100		
153	108.9	87.5	131.3
152	54.6	43.8	65.6

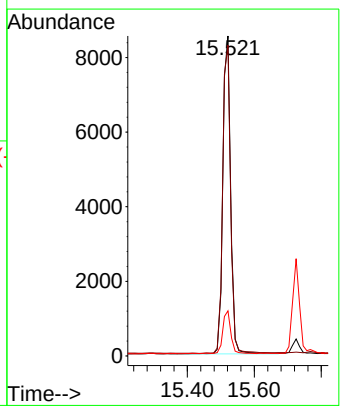


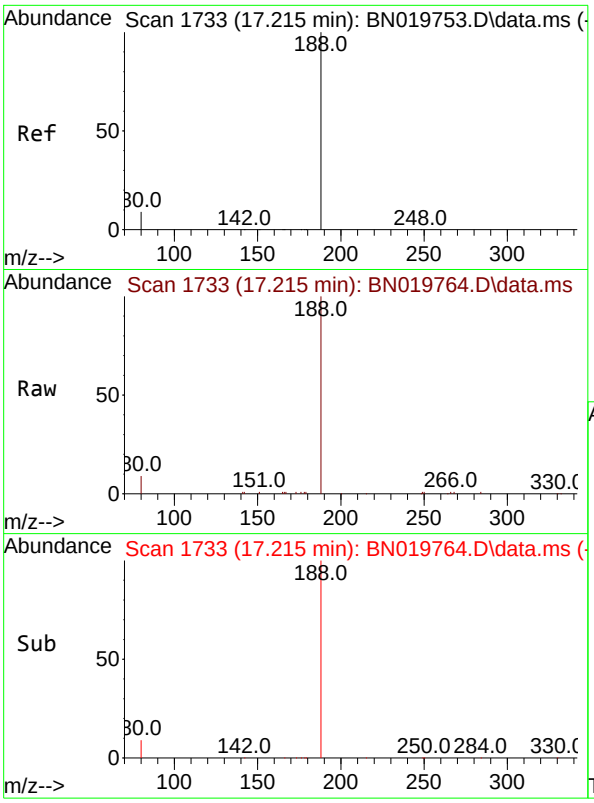


#18
Fluorene
Concen: 0.419 ng
RT: 15.521 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:166 Resp: 13792

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	118.0
167	13.7	10.8	16.2



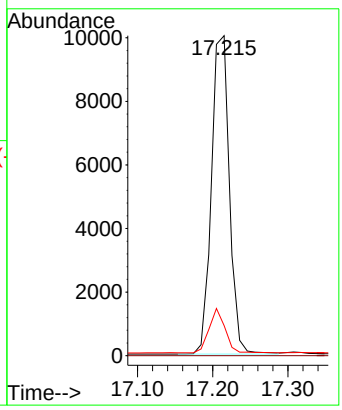


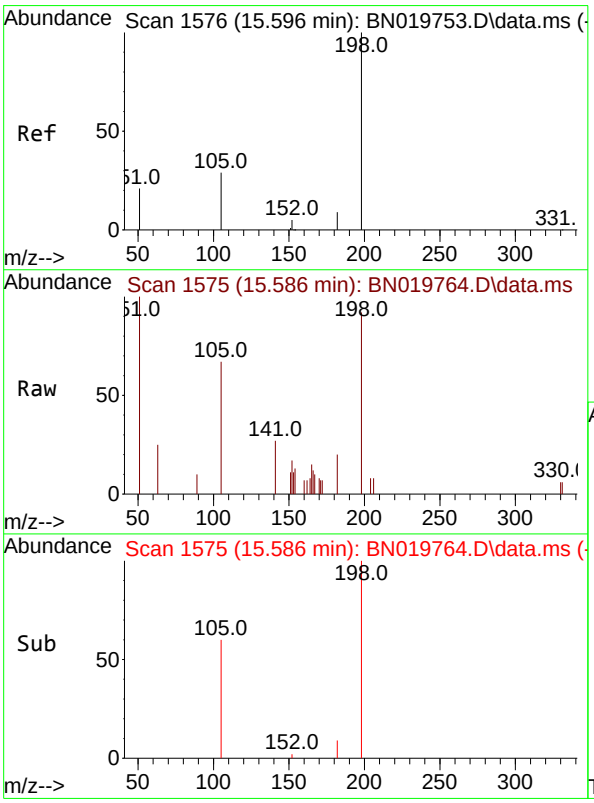
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 16639

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

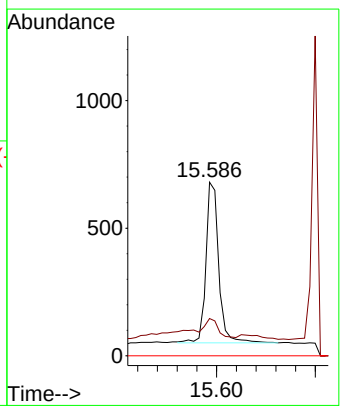


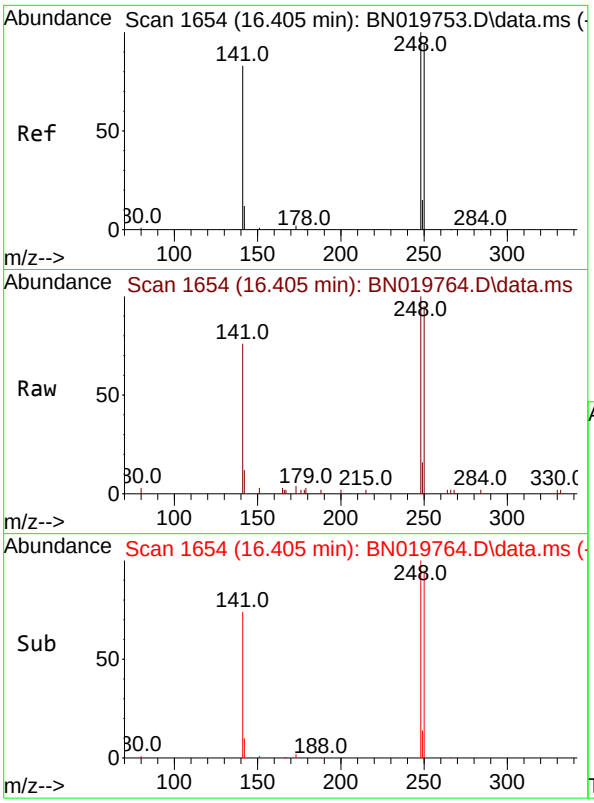


#20
4,6-Dinitro-2-methylphenol
Concen: 0.473 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.010 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:198 Resp: 1130

Ion	Ratio	Lower	Upper
198	100		
182	21.5	12.1	18.1#
77	0.0	0.0	0.0



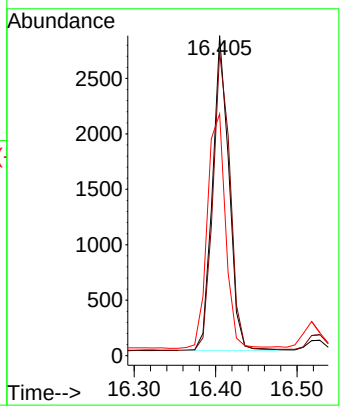


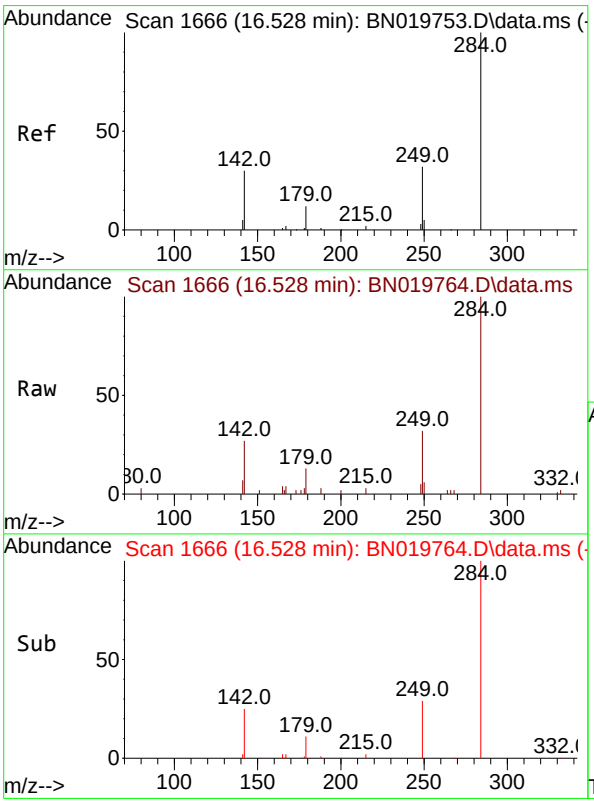
#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3975

Ion	Ratio	Lower	Upper
248	100		
250	95.0	75.3	112.9
141	75.5	67.3	100.9

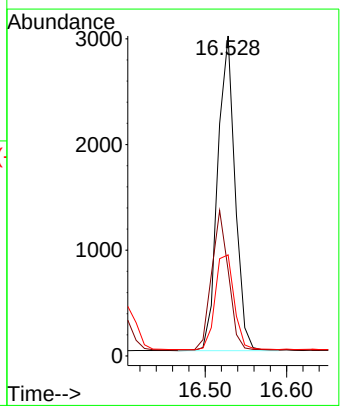


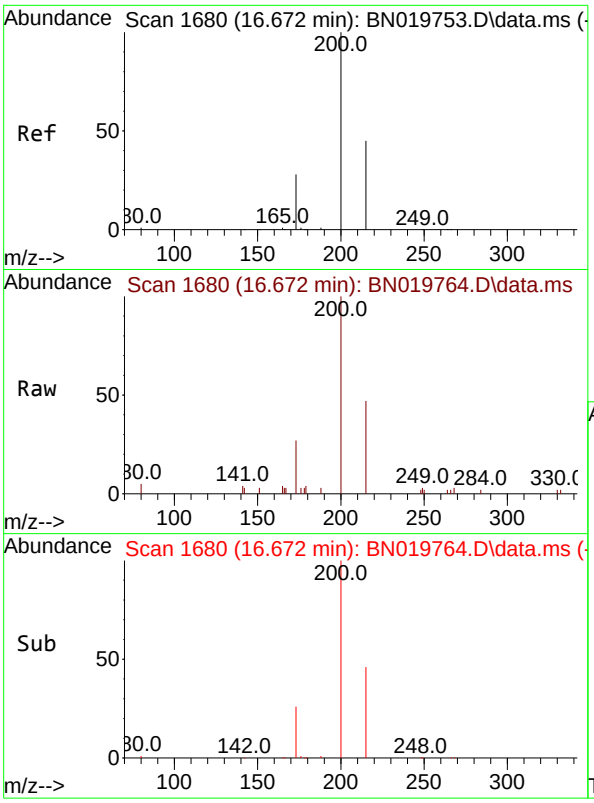


#22
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:284 Resp: 4395

Ion	Ratio	Lower	Upper
284	100		
142	42.9	35.2	52.8
249	33.0	26.6	40.0



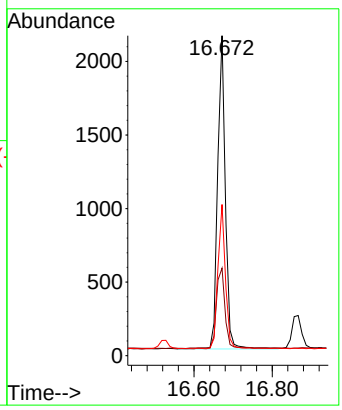


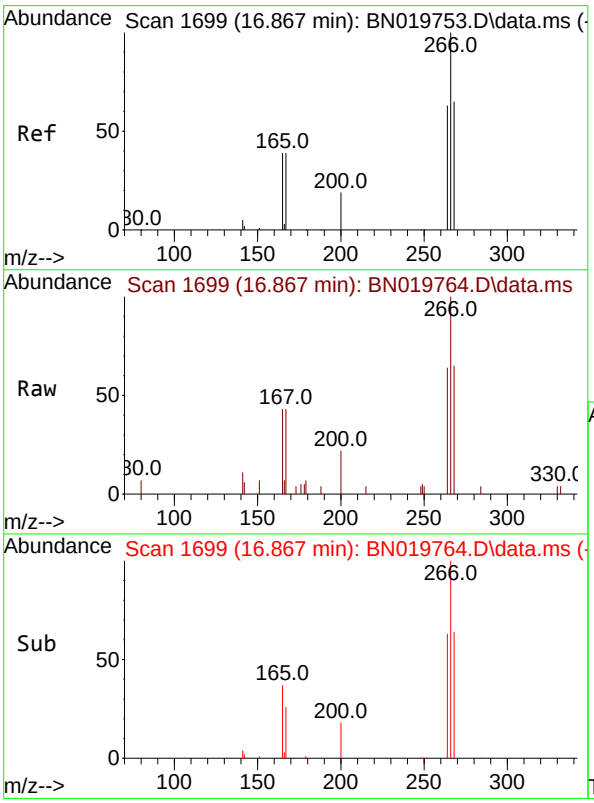
#23
Atrazine
Concen: 0.440 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2920

Ion	Ratio	Lower	Upper
200	100		
173	27.4	23.6	35.4
215	47.3	36.6	54.8

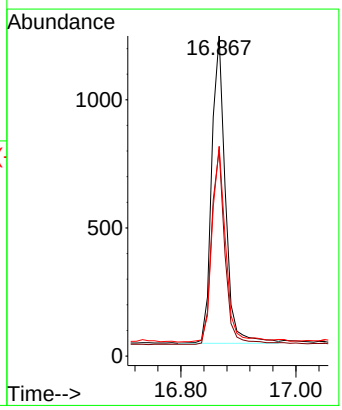


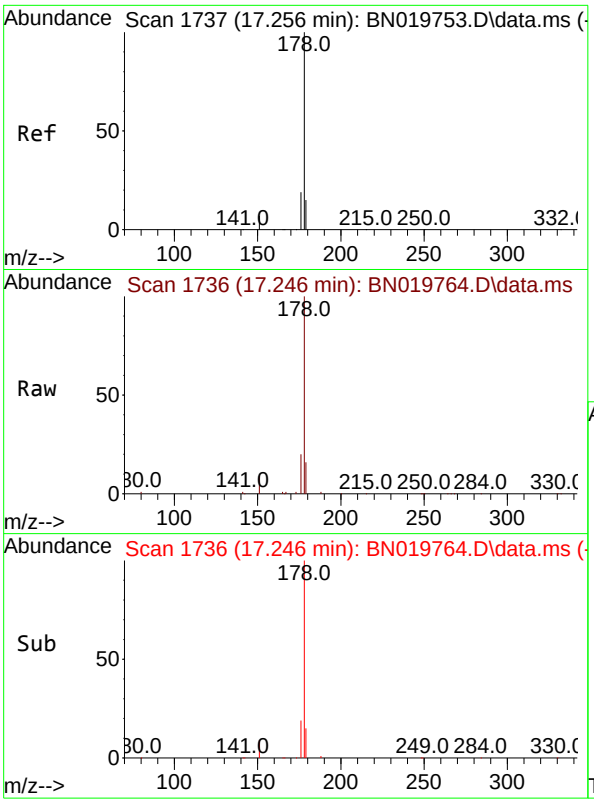


#24
Pentachlorophenol
Concen: 0.453 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:266 Resp: 1972

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.3	76.9
268	63.3	52.6	79.0



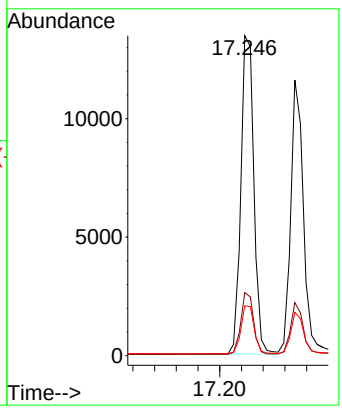


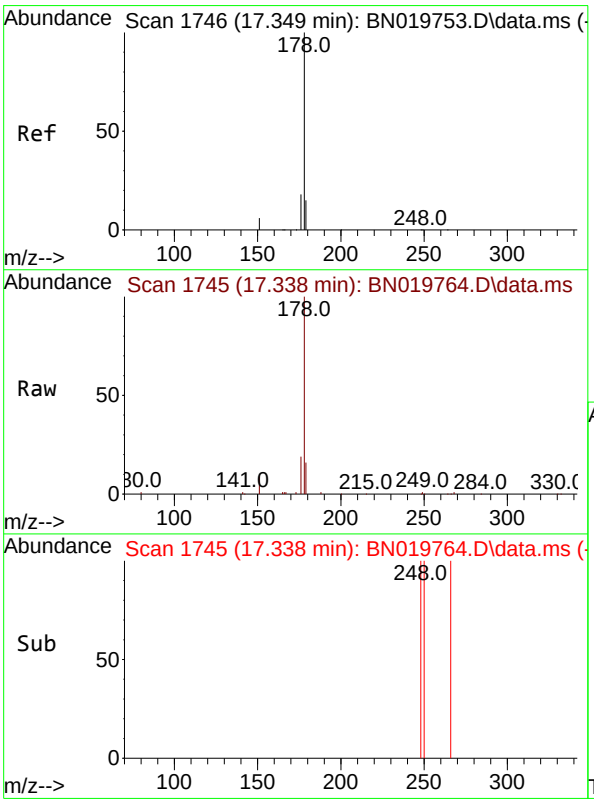
#25
Phenanthrene
Concen: 0.387 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 22270

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.4

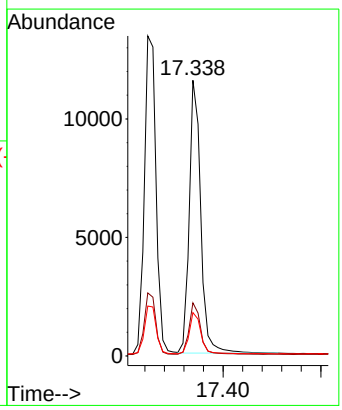


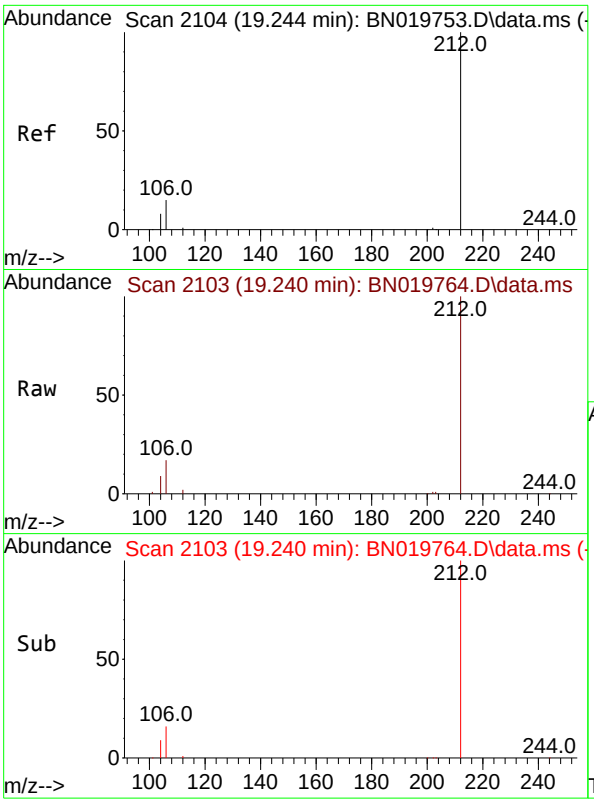


#26
Anthracene
Concen: 0.384 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:178 Resp: 18720

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4



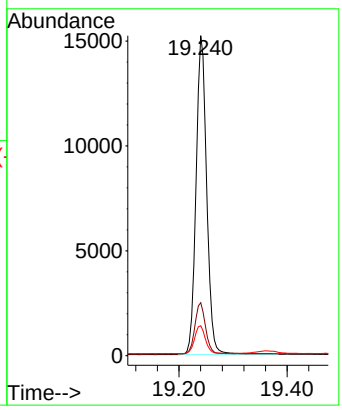


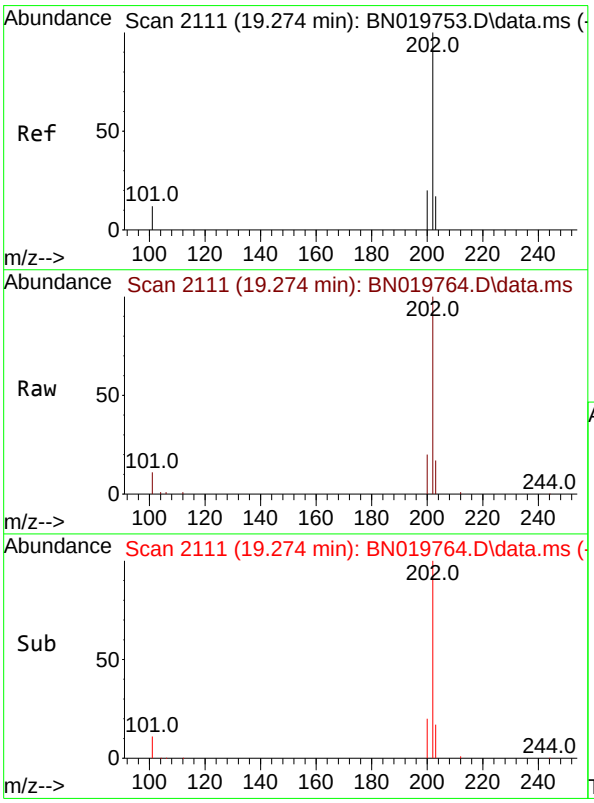
#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 20747

Ion	Ratio	Lower	Upper
212	100		
106	16.2	12.6	19.0
104	8.8	7.2	10.8

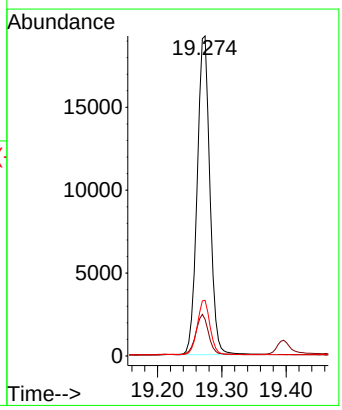


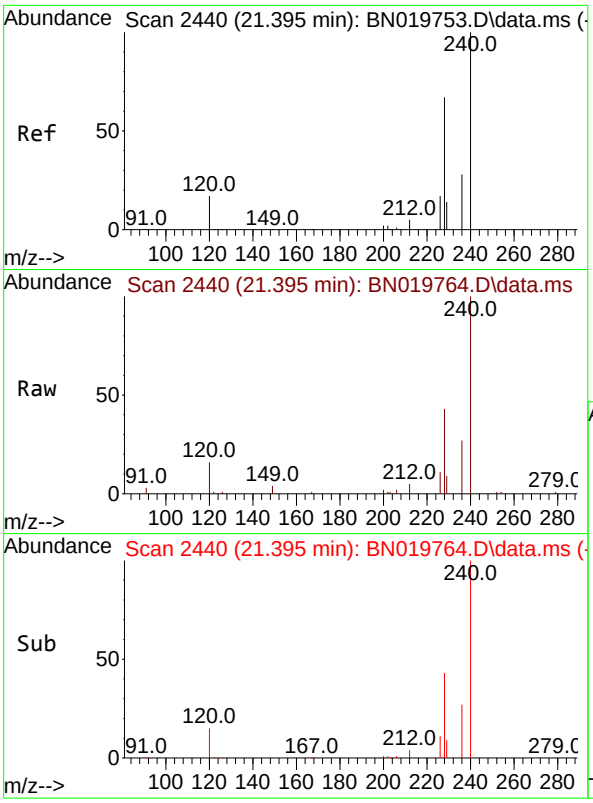


#28
Fluoranthene
Concen: 0.429 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:202 Resp: 26499

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	17.0	13.5	20.3



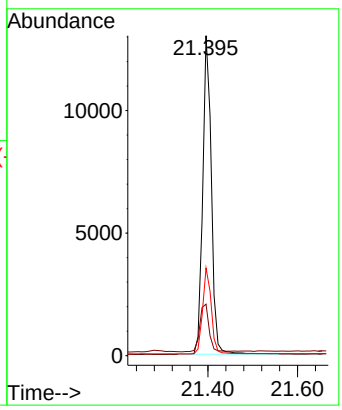


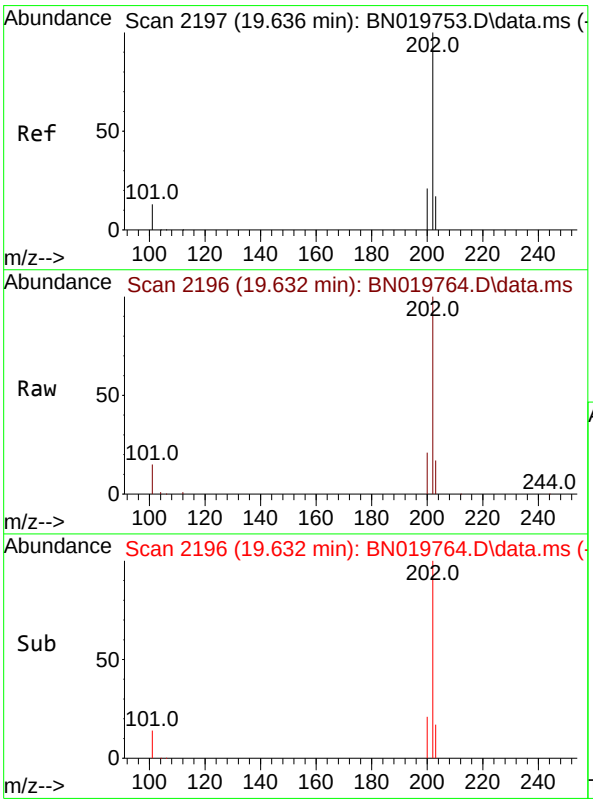
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17484

Ion	Ratio	Lower	Upper
240	100		
120	16.1	14.6	21.8
236	27.4	22.6	33.8

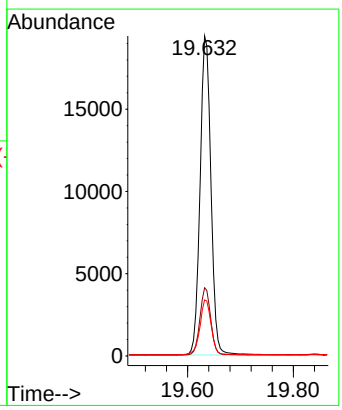


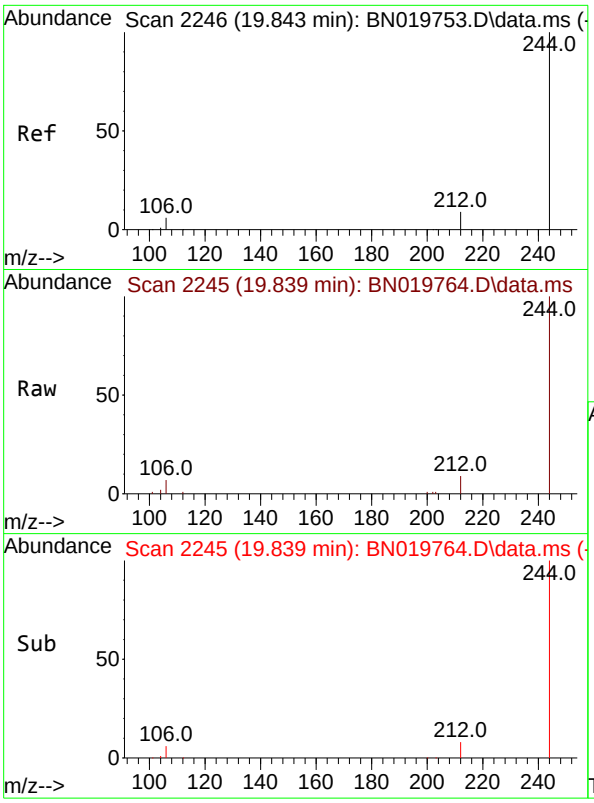


#30
Pyrene
Concen: 0.374 ng
RT: 19.632 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:202 Resp: 27727

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.6	14.2	21.2



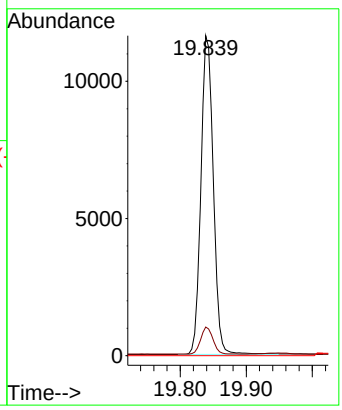


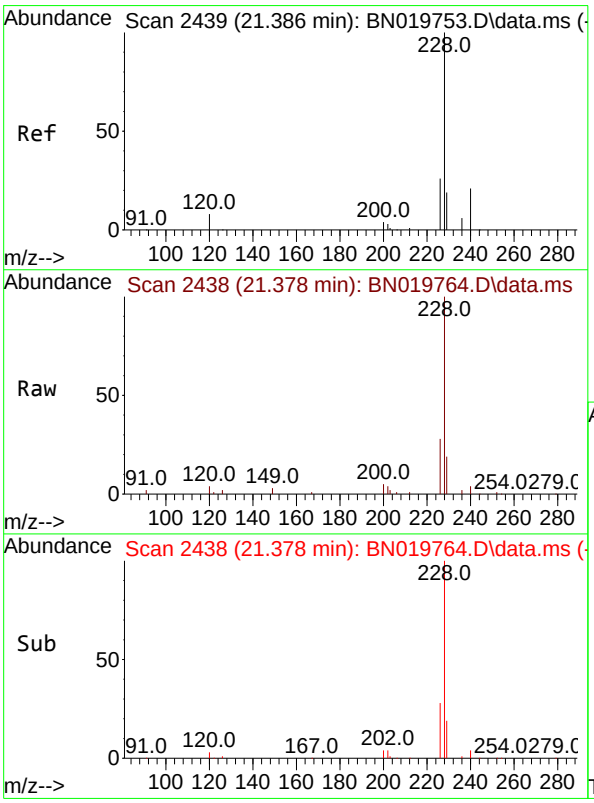
#31
Terphenyl-d14
Concen: 0.368 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15179

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

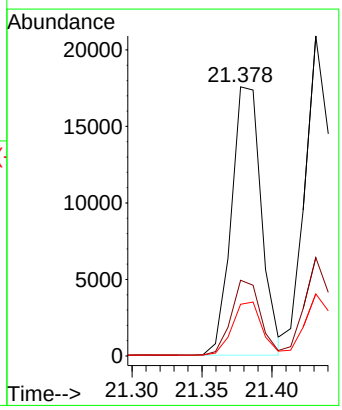


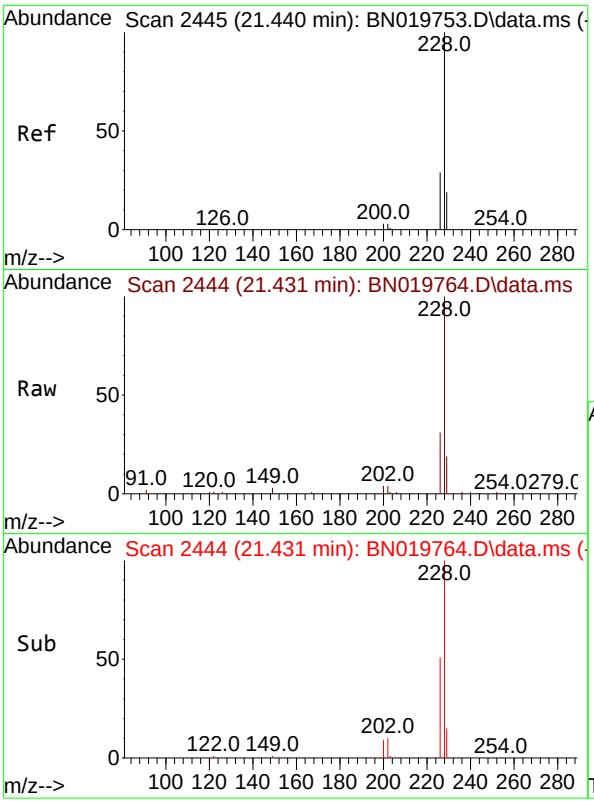


#32
Benzo(a)anthracene
Concen: 0.411 ng
RT: 21.378 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:228 Resp: 26173

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.2	31.8
229	19.2	15.6	23.4



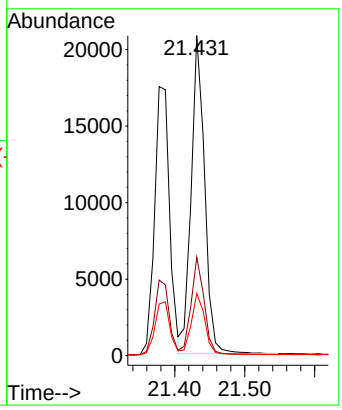


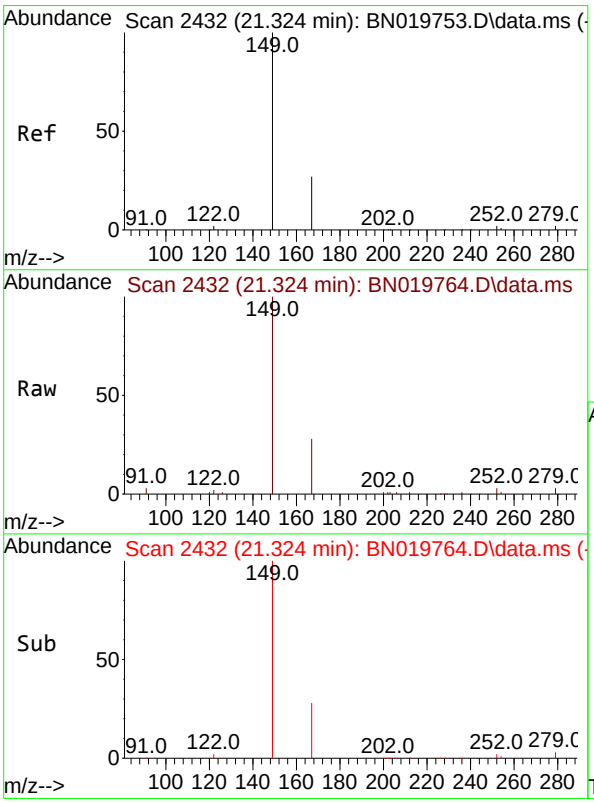
#33
Chrysene
Concen: 0.388 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 27728

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.0
229	19.4	15.7	23.5

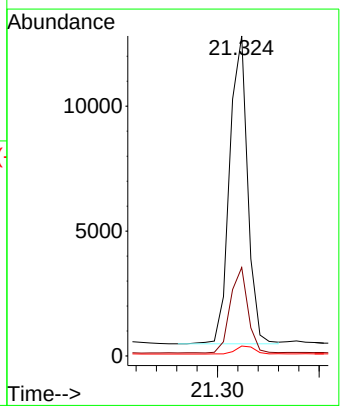


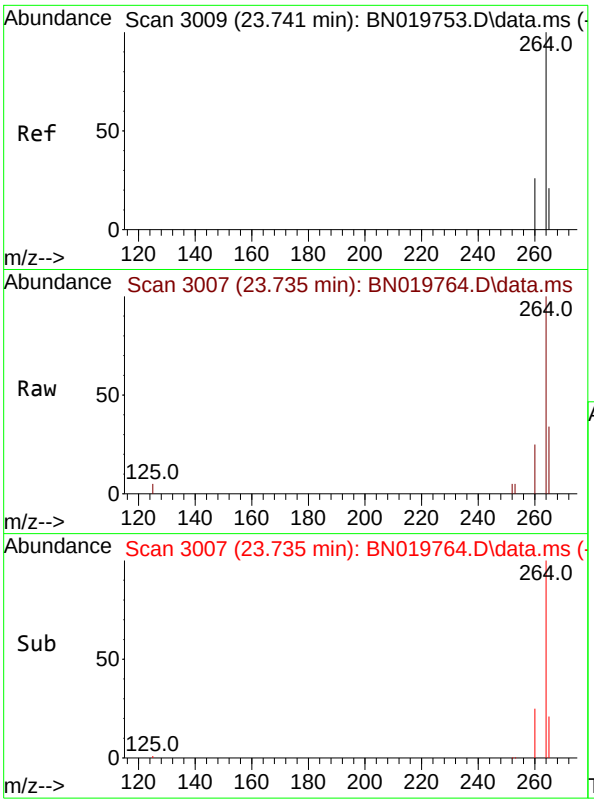


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.570 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:149 Resp: 15127

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.7	32.5
279	2.9	2.2	3.2



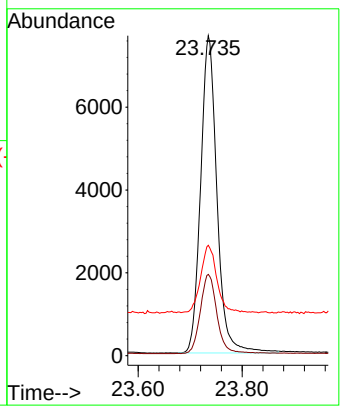


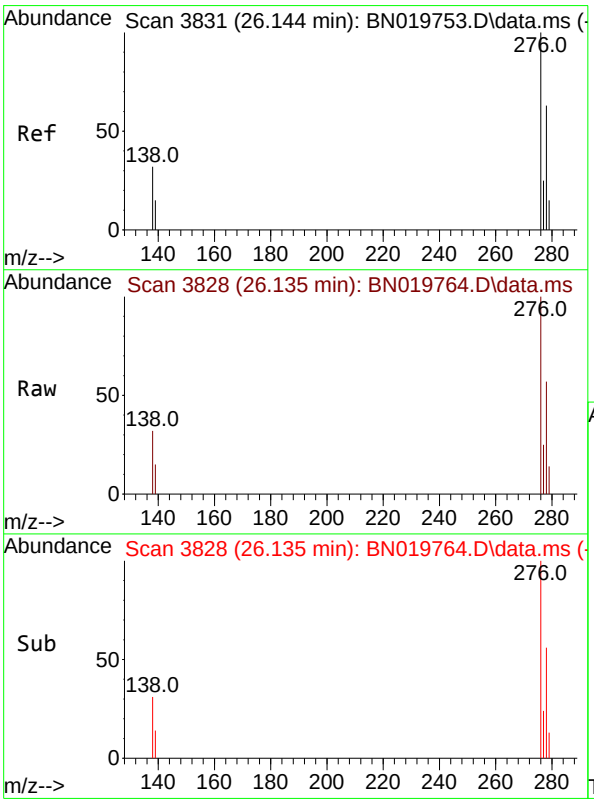
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.735 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 16704

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.9	31.3
265	34.5	28.0	42.0

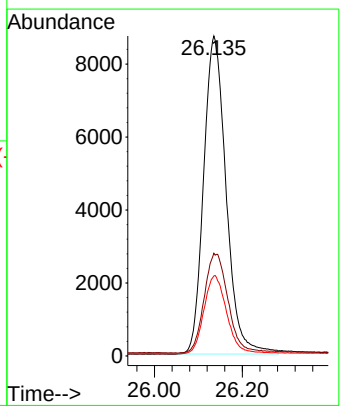


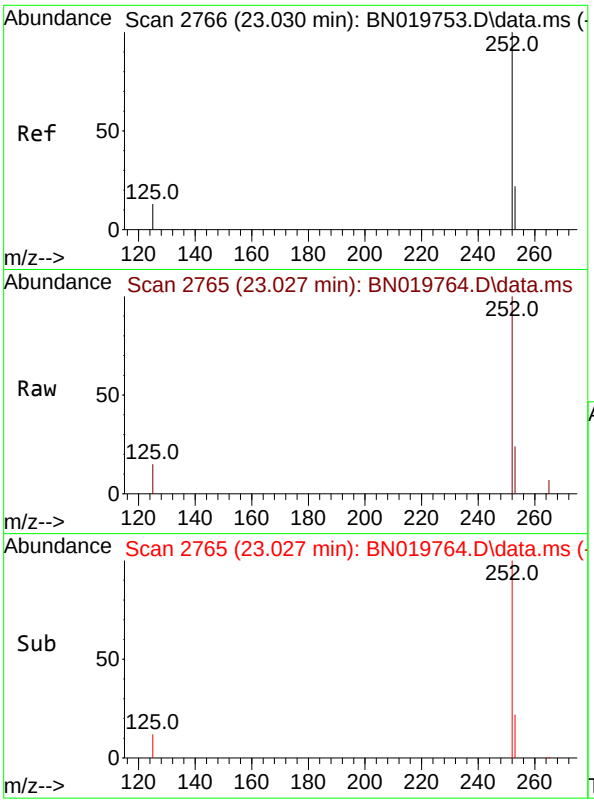


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 26.135 min Scan# 3828
Delta R.T. -0.018 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:276 Resp: 30973

Ion	Ratio	Lower	Upper
276	100		
138	33.3	25.9	38.9
277	24.9	19.8	29.8



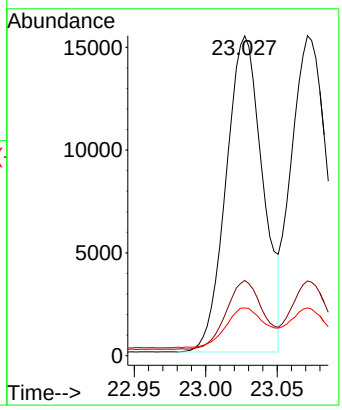


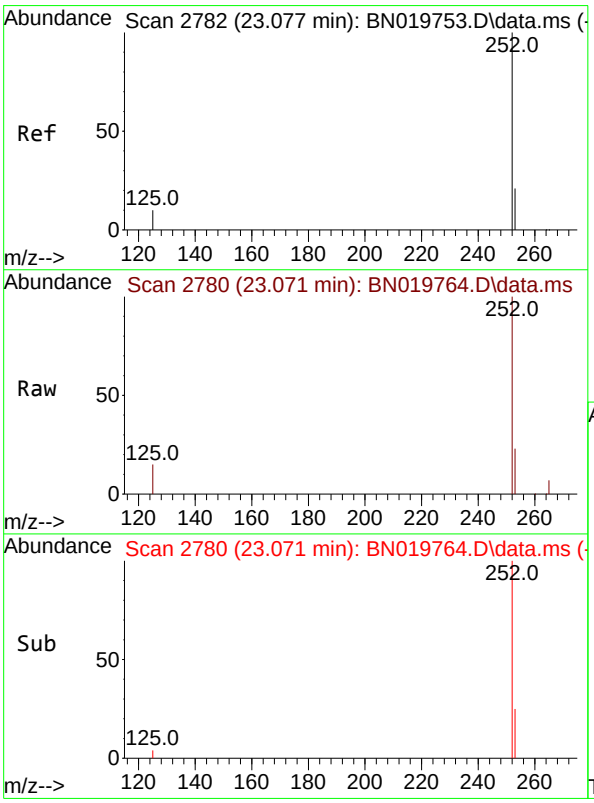
#37
Benzo(b)fluoranthene
Concen: 0.377 ng
RT: 23.027 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 27496

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	14.9	11.4	17.0

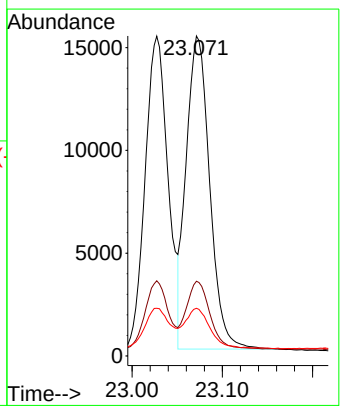


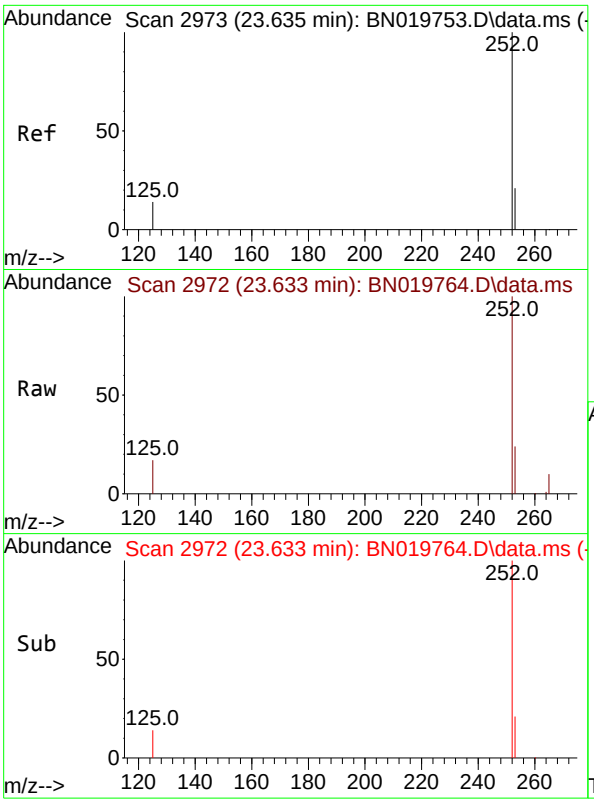


#38
Benzo(k)fluoranthene
Concen: 0.356 ng
RT: 23.071 min Scan# 2780
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:252 Resp: 27558

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.9	11.0	16.4



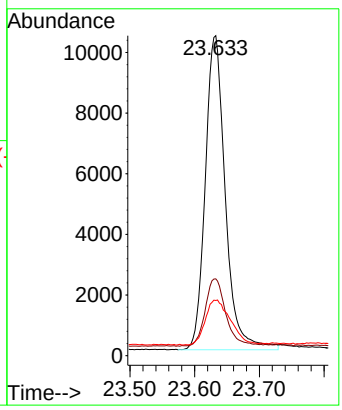


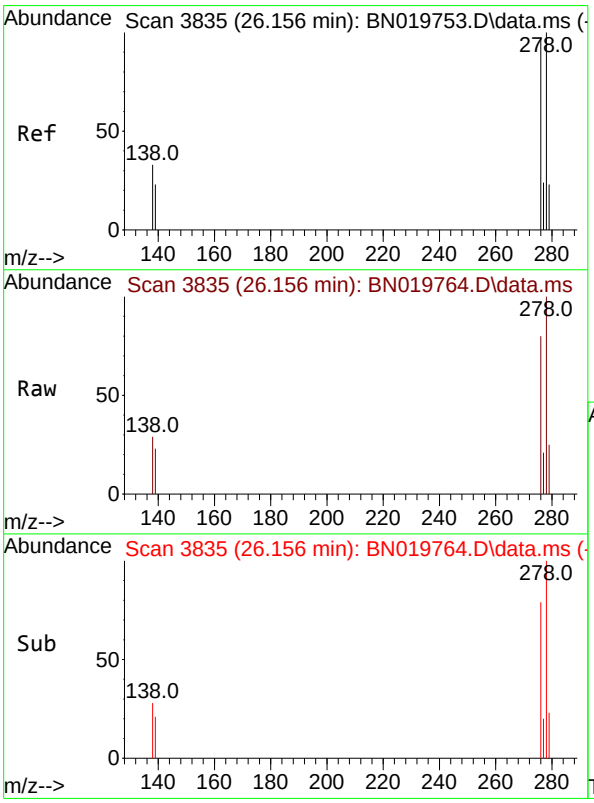
#39
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.633 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22337

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.4
125	17.2	13.8	20.8

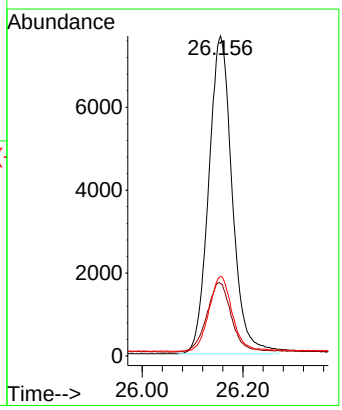


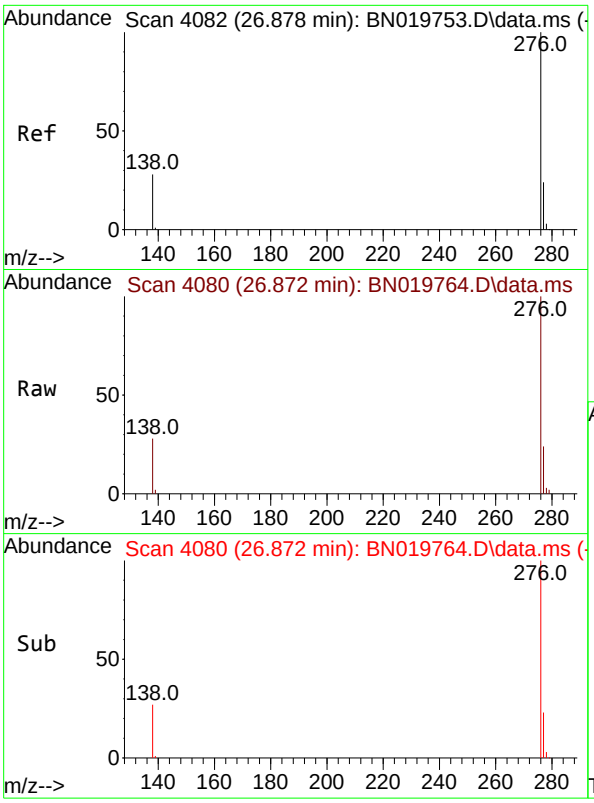


#40
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.015 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Tgt Ion:278 Resp: 24791

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.6	28.0
279	24.8	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 26.872 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN019764.D
Acq: 13 May 2022 10:07

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25895

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	28.0	22.6	34.0