Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019761.D
Acq On : 12 May 2022 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 13 03:48:56 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	4623	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	14277	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8793	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	20064	0.400	ng	0.00
29) Chrysene-d12	21.404	240	16824	0.400	ng	# 0.00
35) Perylene-d12	23.741	264	14158	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4337	0.375	ng	0.00
5) Phenol-d6	7.017	99	5365	0.370	ng	0.00
8) Nitrobenzene-d5	9.003	82	3827	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.231	152	9601	0.386	ng	0.00
14) 2,4,6-Tribromophenol	15.954	330	1162	0.334	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	14883	0.388	ng	0.00
27) Fluoranthene-d10	19.244	212	21021	0.369	ng	0.00
31) Terphenyl-d14	19.843	244	15440	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2218	0.404	ng	99
3) n-Nitrosodimethylamine	3.673	42	2186	0.364	ng	# 93
6) bis(2-Chloroethyl)ether	7.277	93	5495	0.390	ng	99
9) Naphthalene	10.690	128	16695	0.385	ng	100
10) Hexachlorobutadiene	10.989	225	3073	0.390	ng	# 99
12) 2-Methylnaphthalene	12.303	142	11389	0.386	ng	100
16) Acenaphthylene	14.196	152	15094	0.366	ng	98
17) Acenaphthene	14.538	154	11519	0.378	ng	99
18) Fluorene	15.522	166	14711	0.381	ng	100
20) 4,6-Dinitro-2-methylph...	15.596	198	1004	0.349	ng	97
21) 4-Bromophenyl-phenylether	16.405	248	4562	0.372	ng	99
22) Hexachlorobenzene	16.528	284	5232	0.385	ng	99
23) Atrazine	16.672	200	2649	0.331	ng	99
24) Pentachlorophenol	16.867	266	1591	0.303	ng	96
25) Phenanthrene	17.256	178	26495	0.381	ng	100
26) Anthracene	17.338	178	21182	0.361	ng	100
28) Fluoranthene	19.274	202	27635	0.371	ng	99
30) Pyrene	19.636	202	27797	0.390	ng	100
32) Benzo(a)anthracene	21.387	228	22484	0.367	ng	99
33) Chrysene	21.431	228	26879	0.391	ng	98
34) Bis(2-ethylhexyl)phtha...	21.324	149	8781	0.344	ng	99
36) Indeno(1,2,3-cd)pyrene	26.138	276	25076	0.378	ng	99
37) Benzo(b)fluoranthene	23.030	252	22824	0.369	ng	100
38) Benzo(k)fluoranthene	23.074	252	24788	0.378	ng	99
39) Benzo(a)pyrene	23.636	252	17567	0.361	ng	99
40) Dibenzo(a,h)anthracene	26.159	278	20161	0.377	ng	99
41) Benzo(g,h,i)perylene	26.872	276	20134	0.366	ng	99

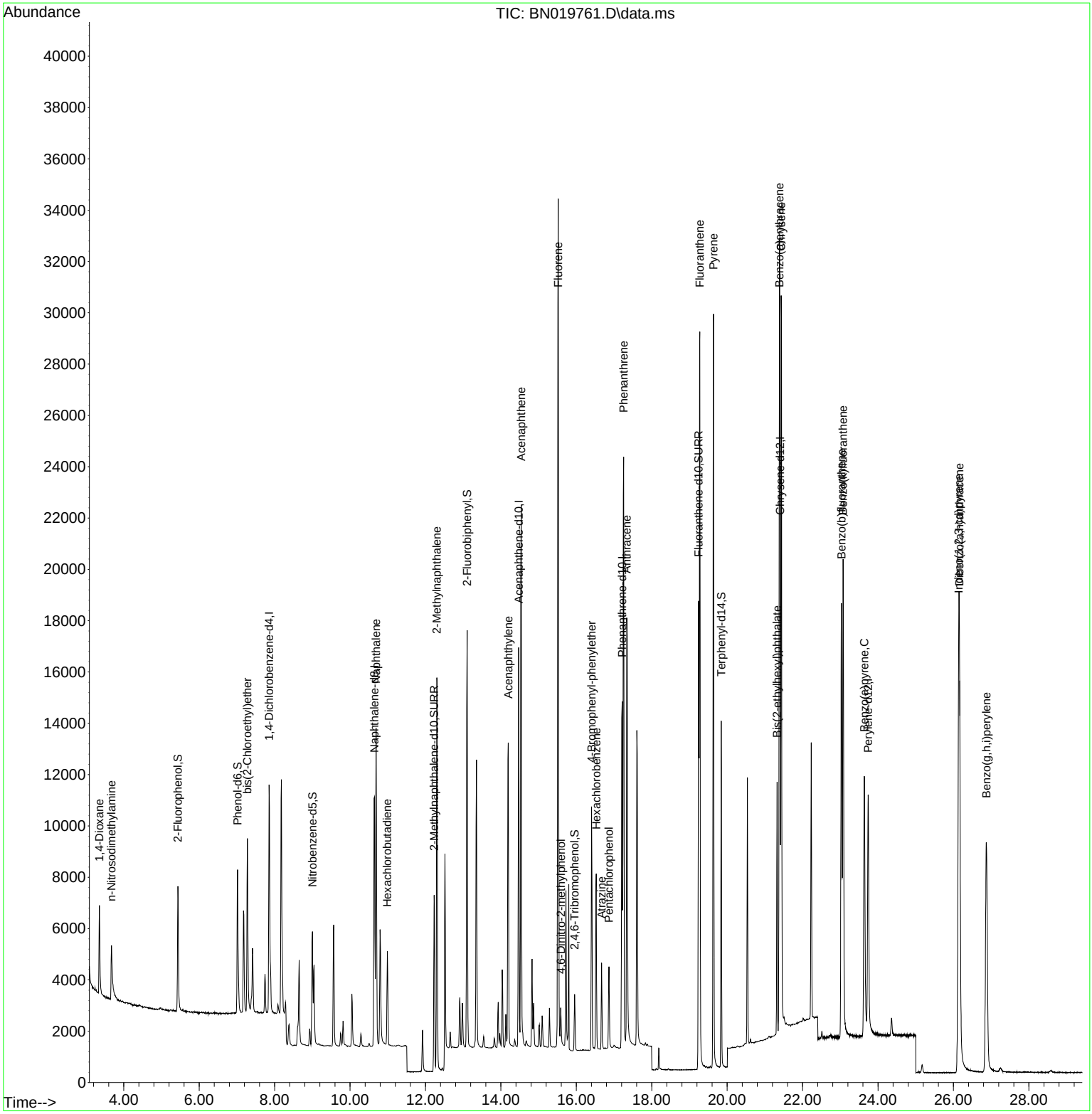
(#) = qualifier out of range (m) = manual integration (+) = signals summed

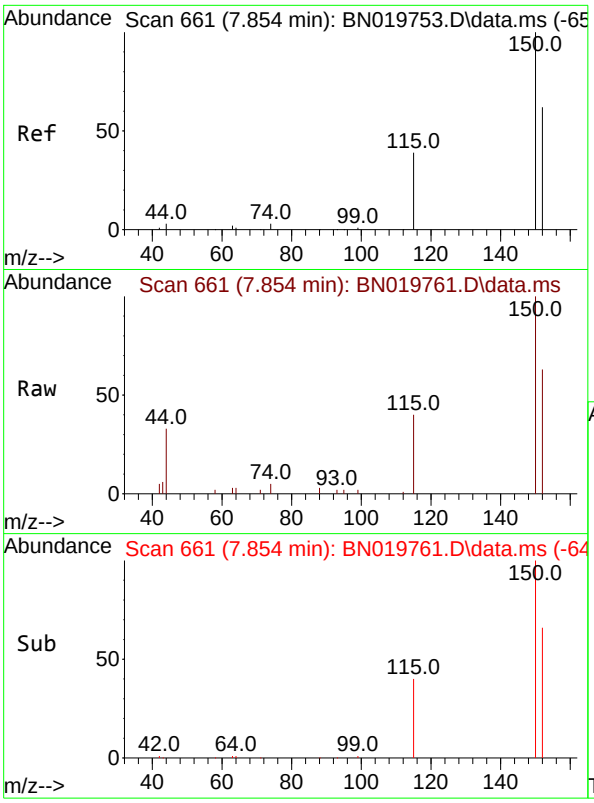
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019761.D
Acq On : 12 May 2022 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 13 03:48:56 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



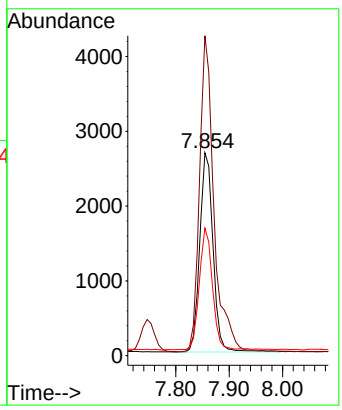


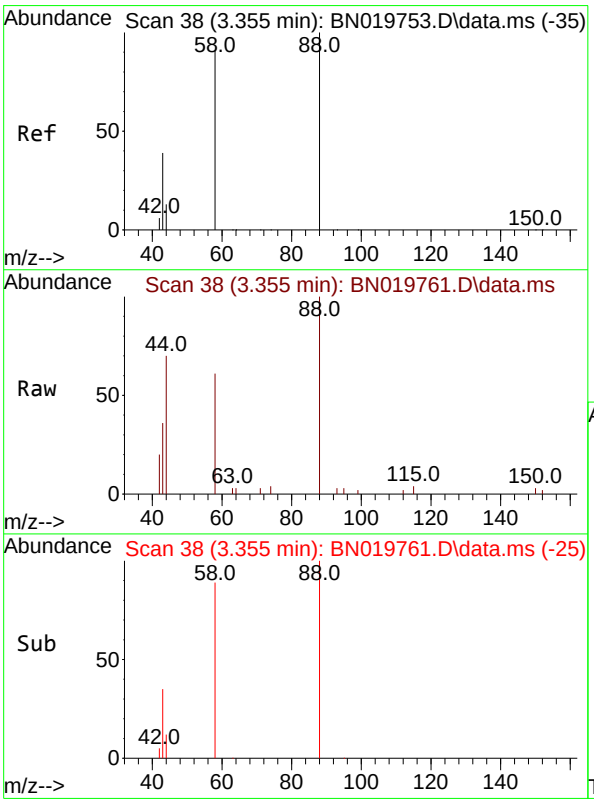
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4623

Ion	Ratio	Lower	Upper
152	100		
150	157.7	127.9	191.9
115	62.8	51.4	77.2

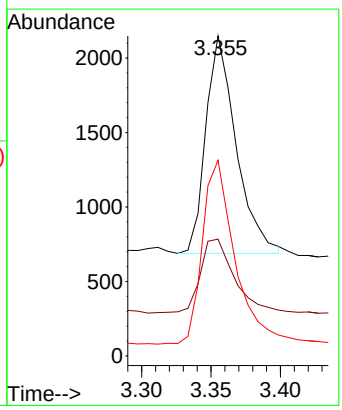


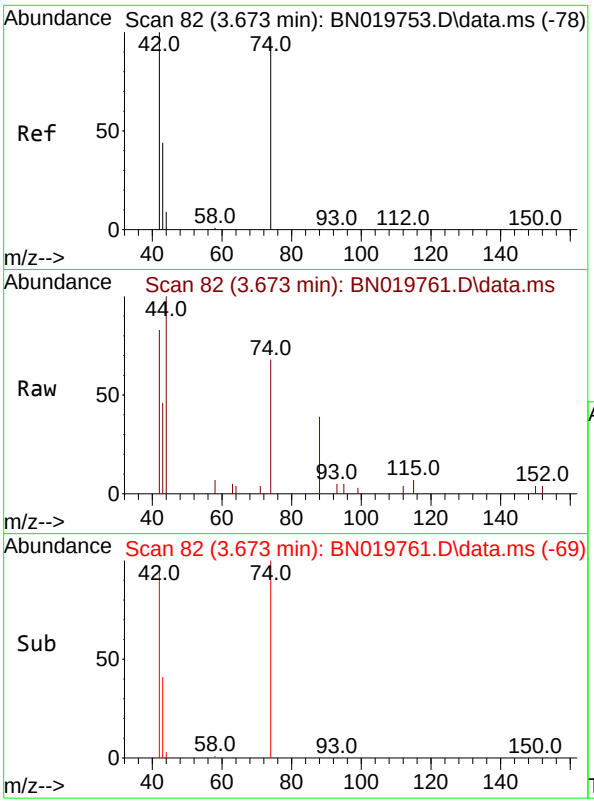


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion: 88 Resp: 2218

Ion	Ratio	Lower	Upper
88	100		
43	37.6	30.2	45.2
58	90.1	73.0	109.6



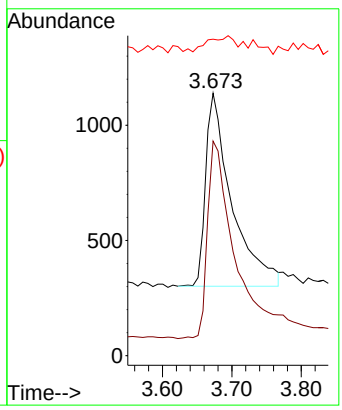


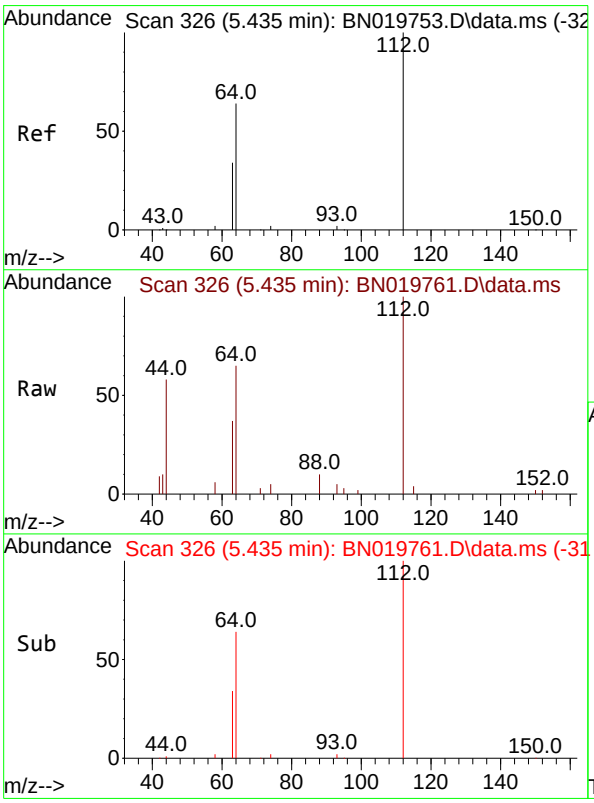
#3
n-Nitrosodimethylamine
Concen: 0.364 ng
RT: 3.673 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2186

Ion	Ratio	Lower	Upper
42	100		
74	108.7	84.0	126.0
44	0.0	9.8	14.8#

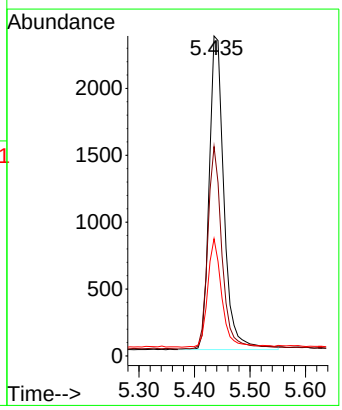


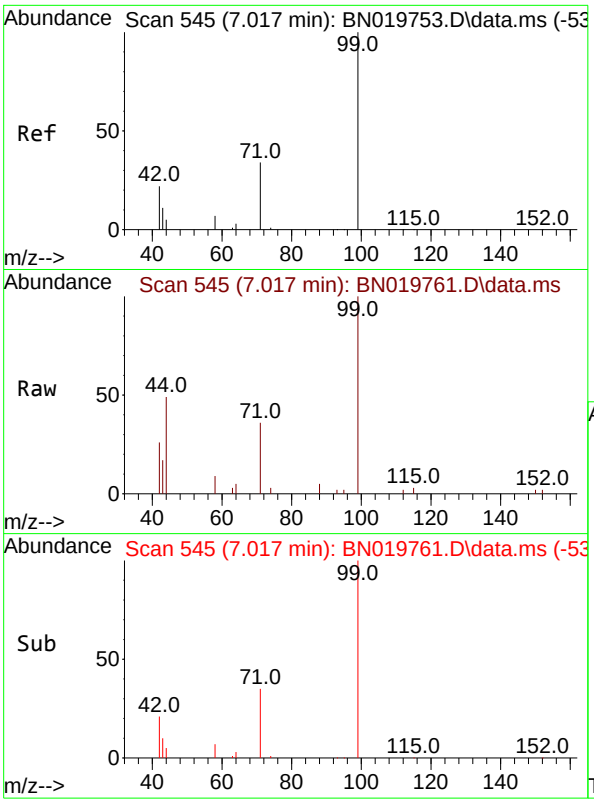


#4
2-Fluorophenol
Concen: 0.375 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:112 Resp: 4337

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.1	73.7
63	32.7	26.3	39.5



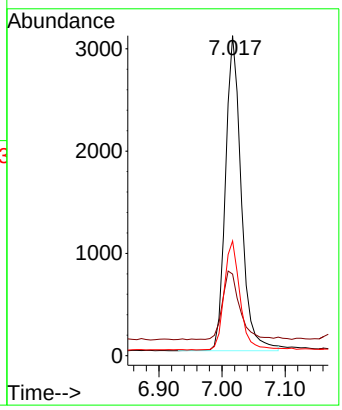


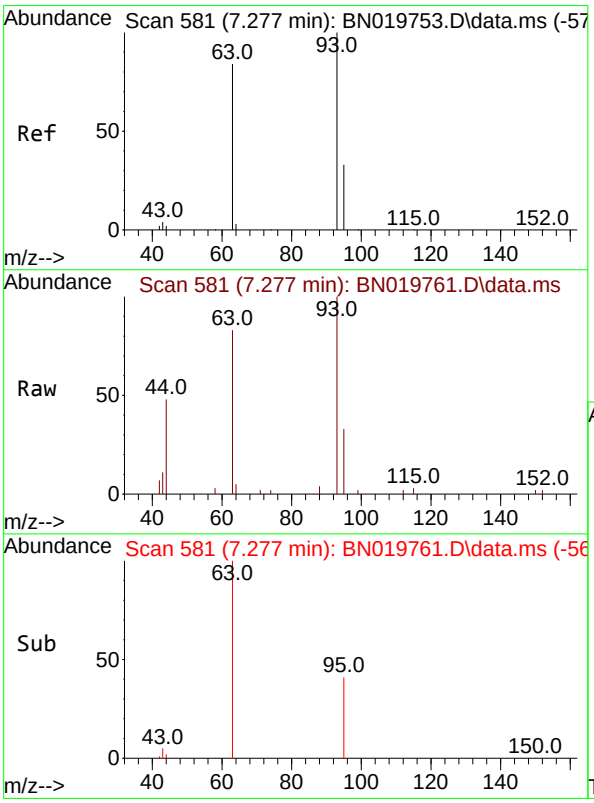
#5
Phenol-d6
Concen: 0.370 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5365

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.3	28.9
71	34.4	27.5	41.3

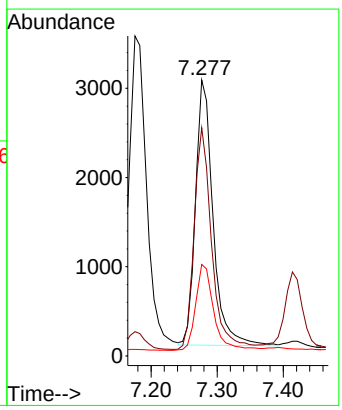


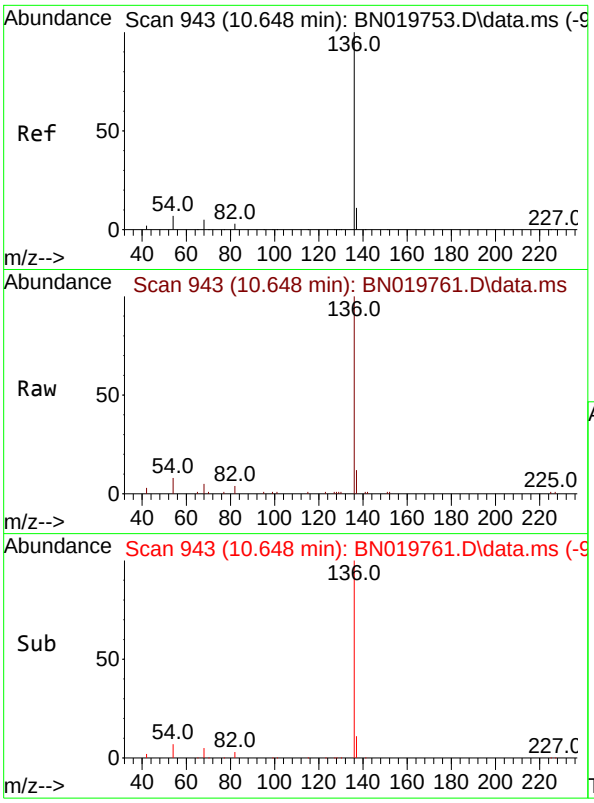


#6
bis(2-Chloroethyl)ether
Concen: 0.390 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion: 93 Resp: 5495

Ion	Ratio	Lower	Upper
93	100		
63	83.3	67.4	101.0
95	33.2	26.5	39.7



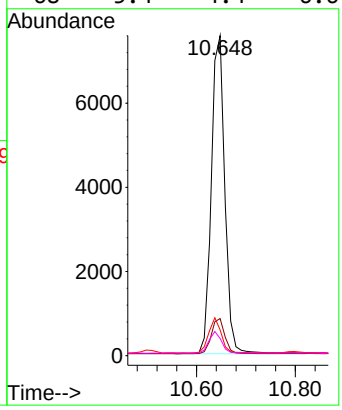


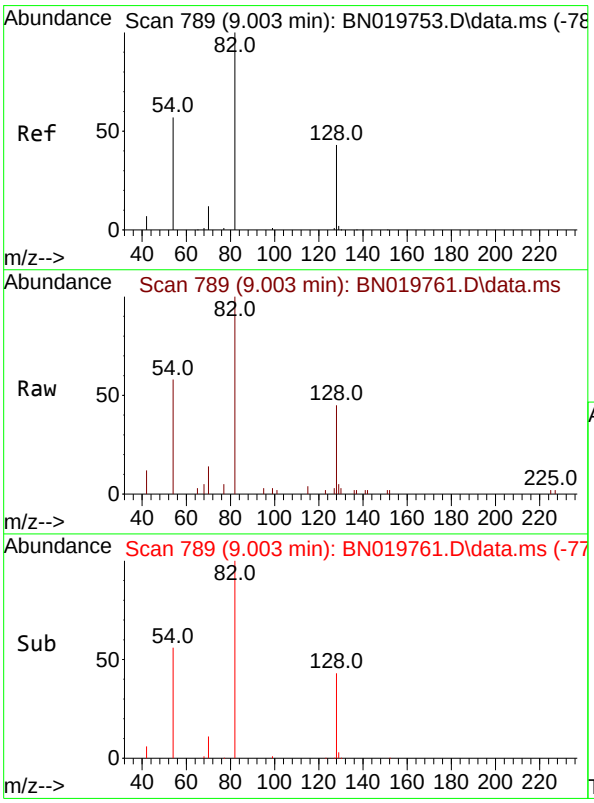
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14277

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	8.0	6.2	9.2
68	5.4	4.4	6.6

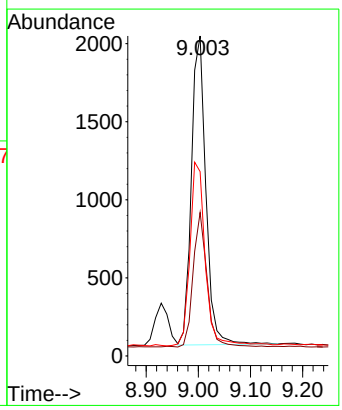


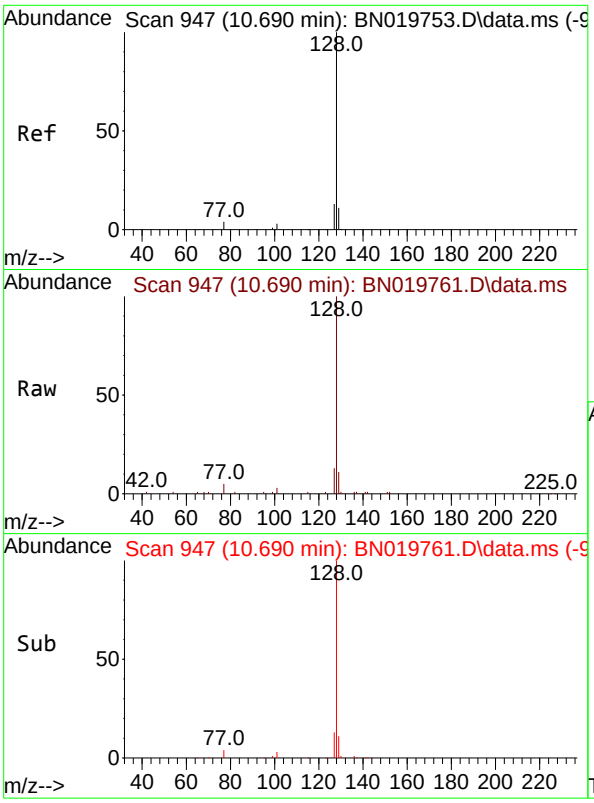


#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion: 82 Resp: 3827

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.0	52.6
54	57.6	46.2	69.4



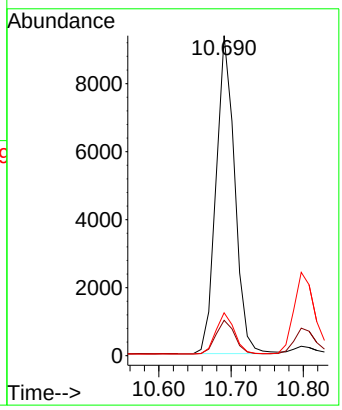


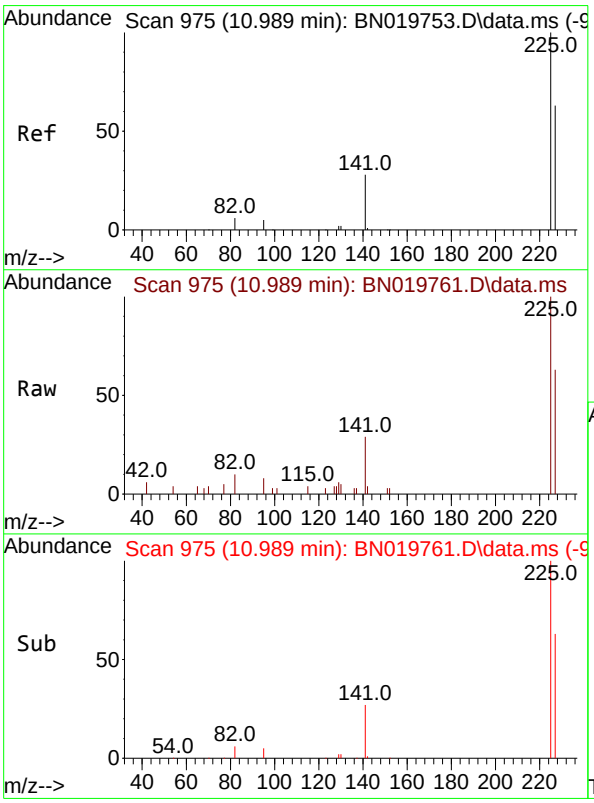
#9
Naphthalene
Concen: 0.385 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 16695

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.4	10.8	16.2

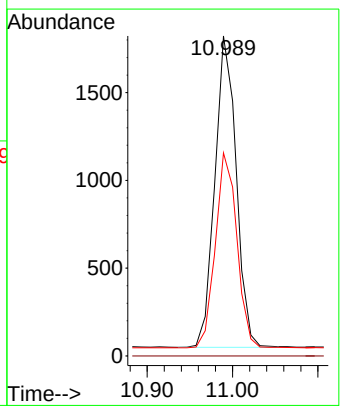


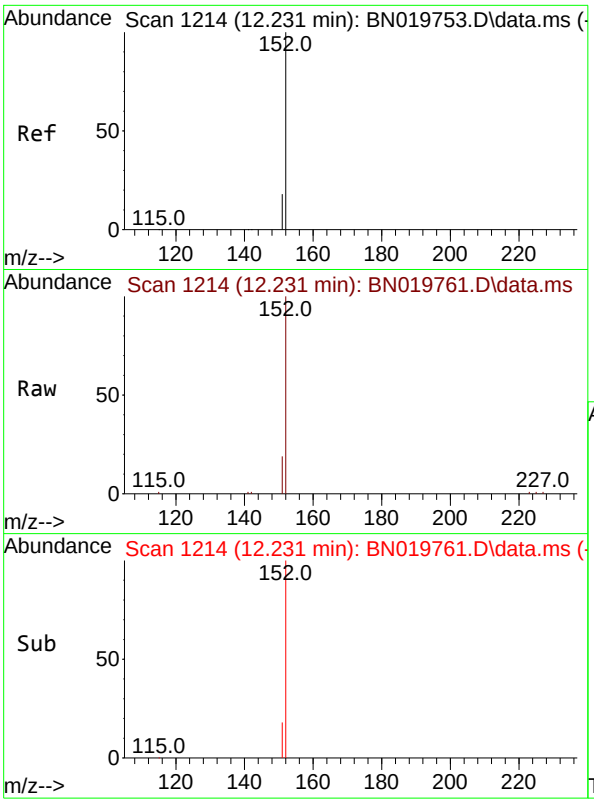


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:225 Resp: 3073

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.9	76.3



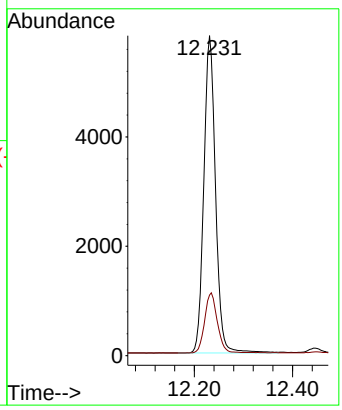


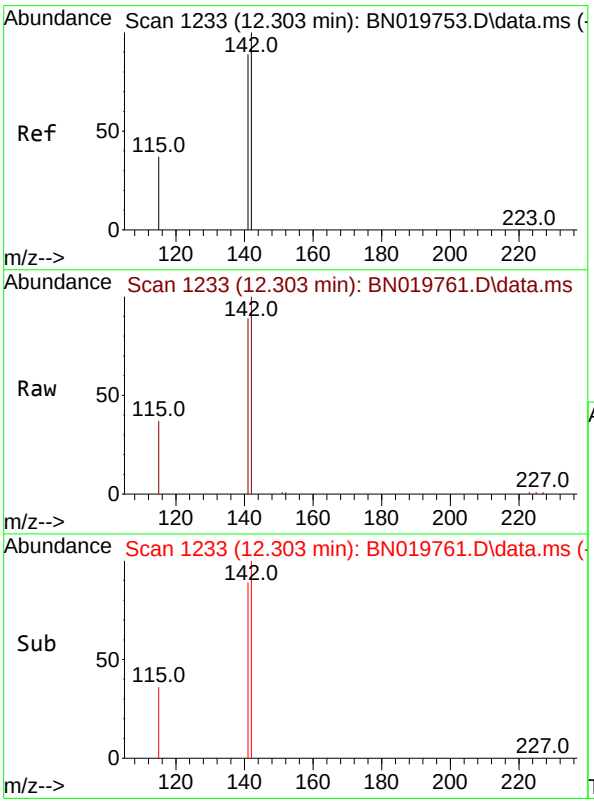
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9601

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

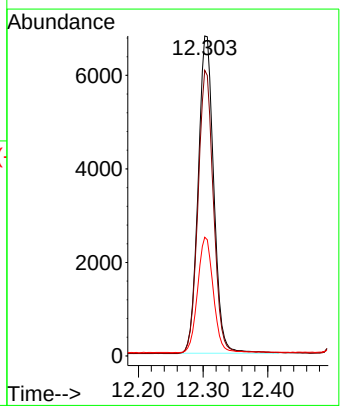


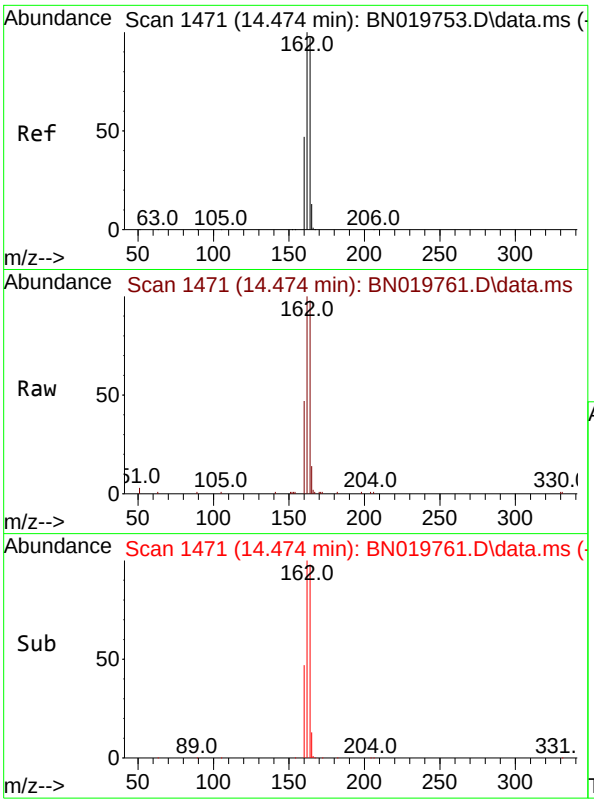


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:142 Resp: 11389

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	37.1	29.8	44.8



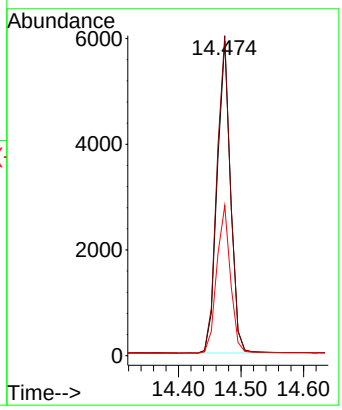


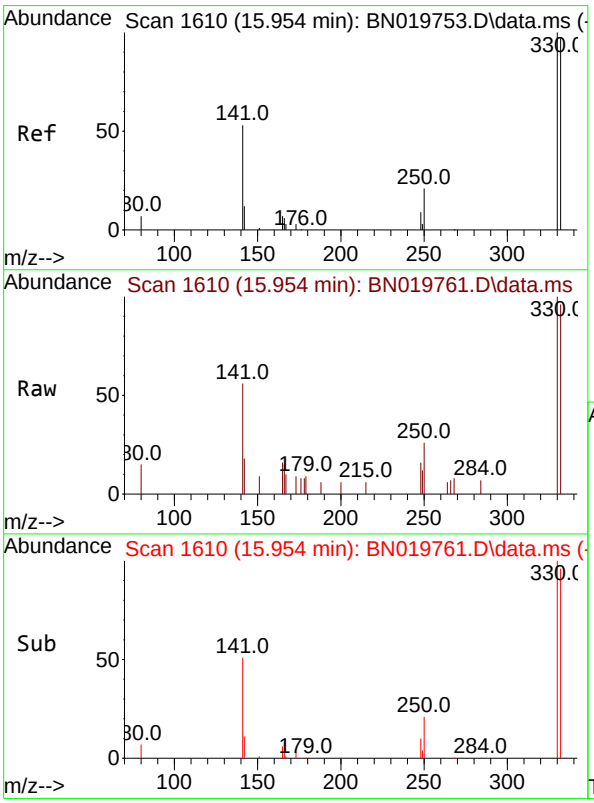
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8793

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	47.7	38.6	58.0

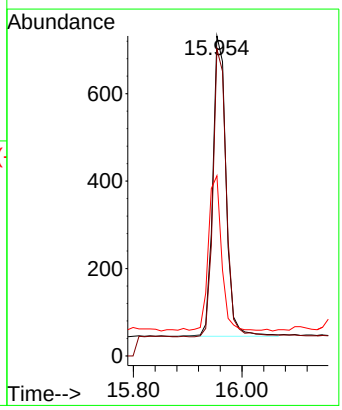


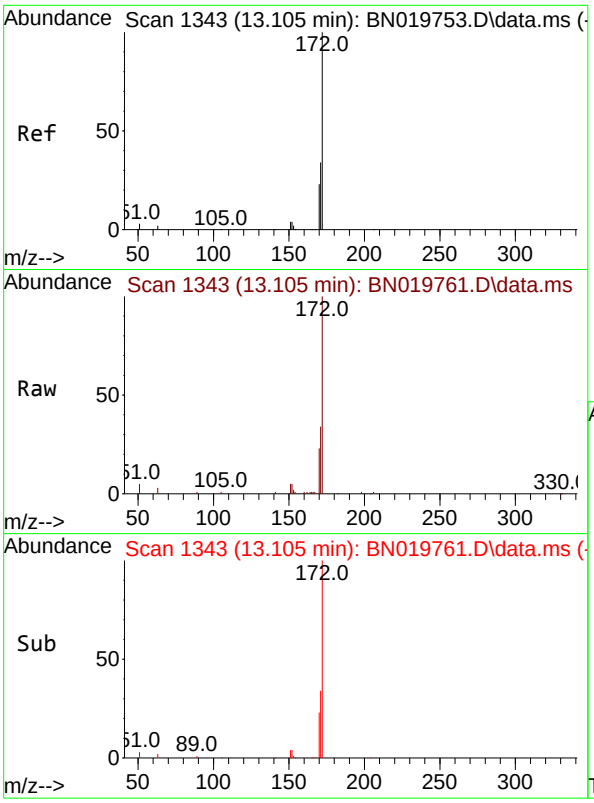


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:330 Resp: 1162

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	50.4	41.0	61.4



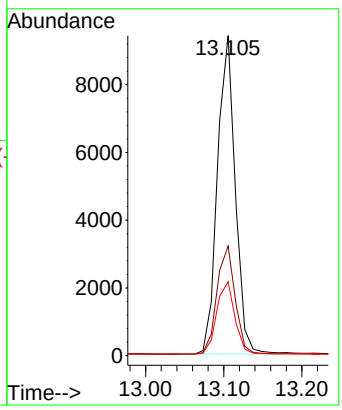


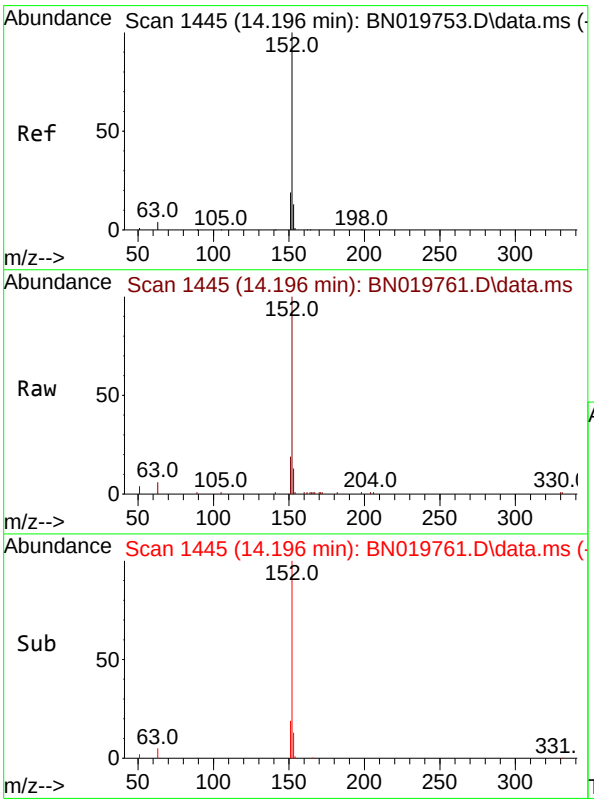
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14883

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	23.1	18.2	27.4

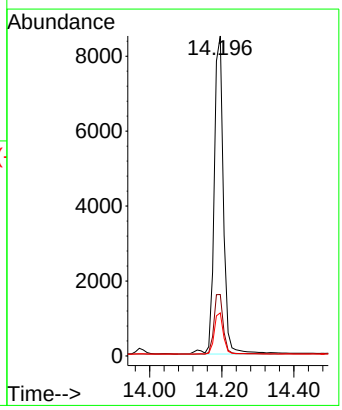


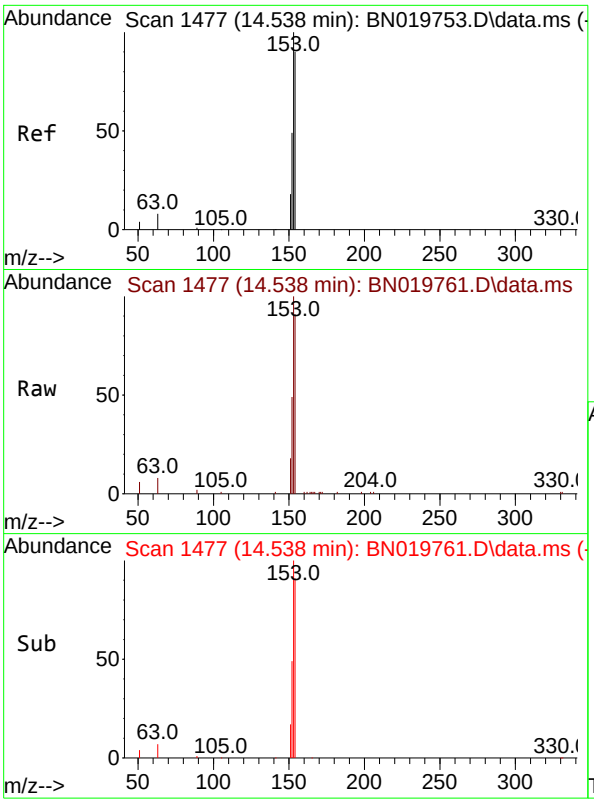


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:152 Resp: 15094

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.9	10.7	16.1



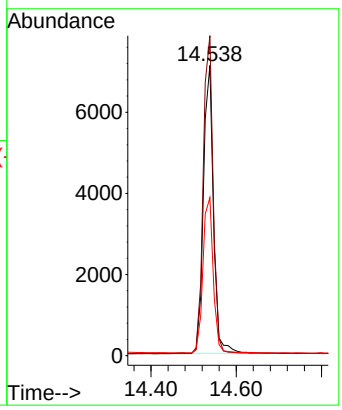


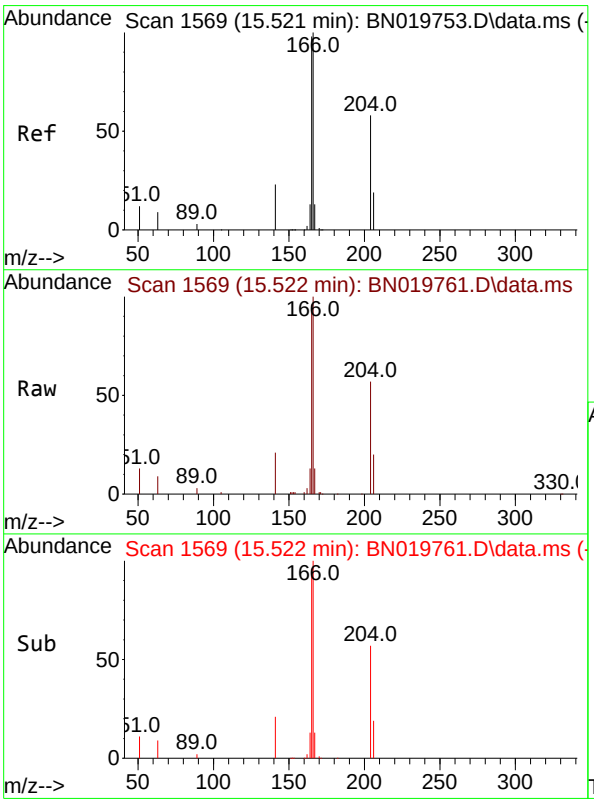
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11519

Ion	Ratio	Lower	Upper
154	100		
153	110.0	87.5	131.3
152	55.6	43.8	65.6

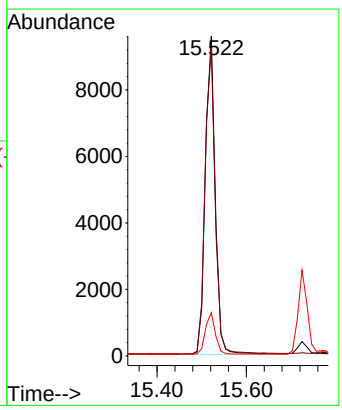


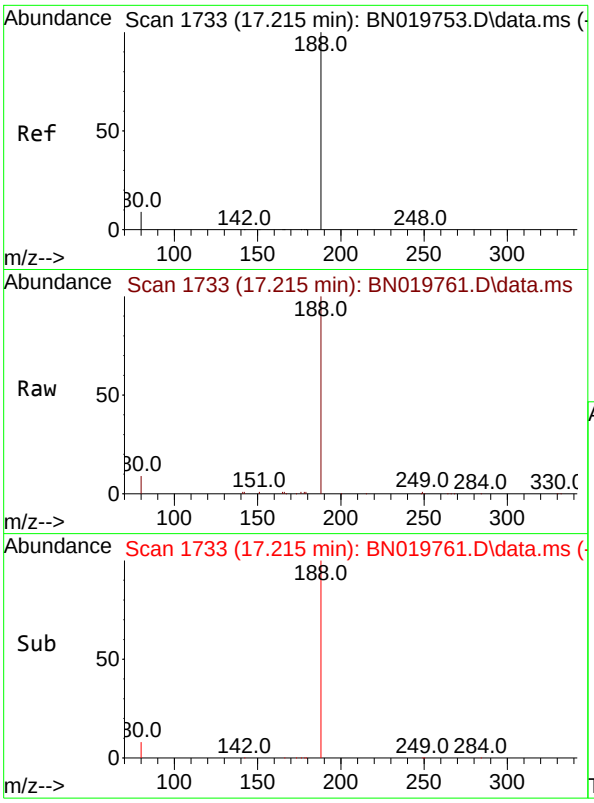


#18
Fluorene
Concen: 0.381 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:166 Resp: 14711

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.2	10.8	16.2



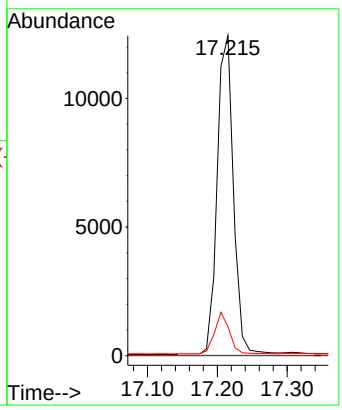


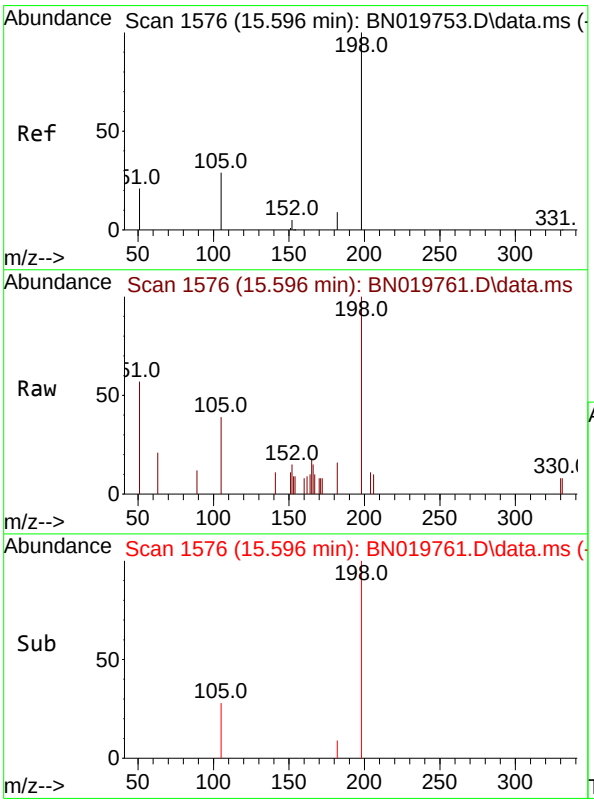
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 20064

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.4	11.2

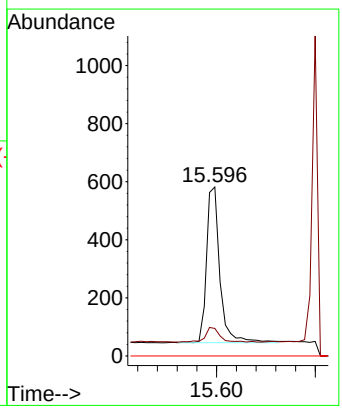


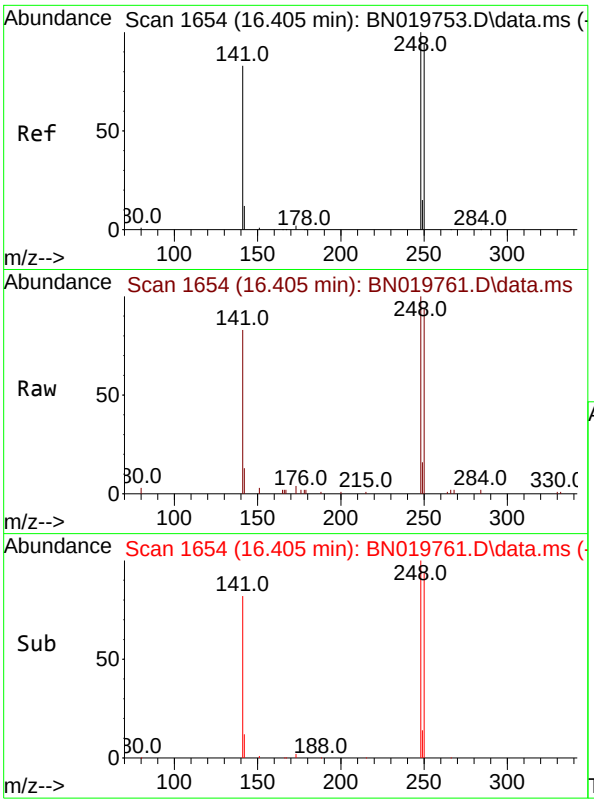


#20
4,6-Dinitro-2-methylphenol
Concen: 0.349 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:198 Resp: 1004

Ion	Ratio	Lower	Upper
198	100		
182	16.3	12.1	18.1
77	0.0	0.0	0.0



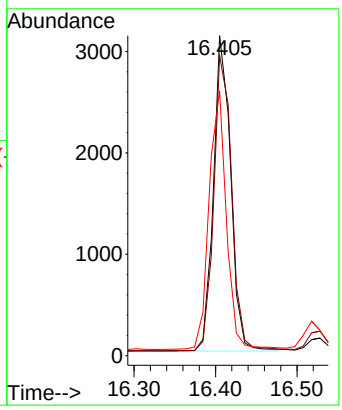


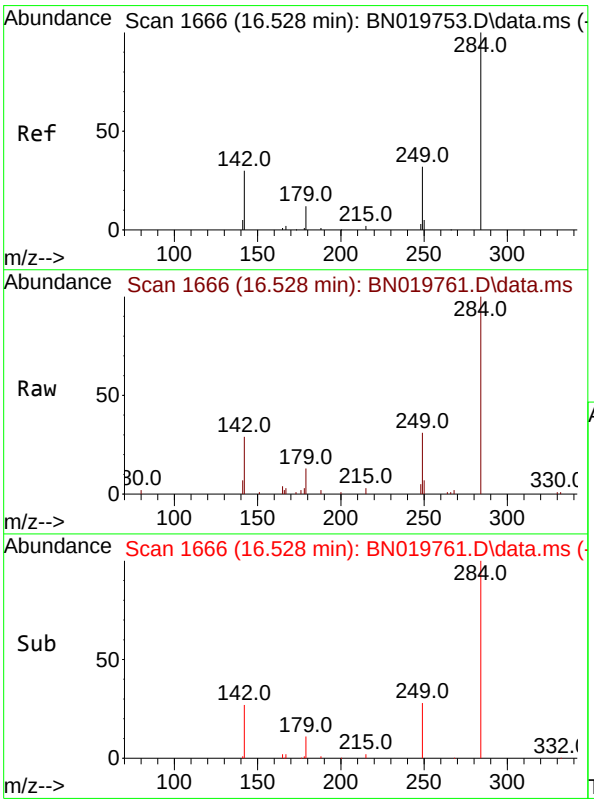
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 4562

Ion	Ratio	Lower	Upper
248	100		
250	93.8	75.3	112.9
141	82.8	67.3	100.9

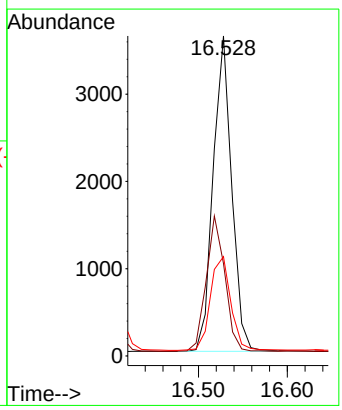


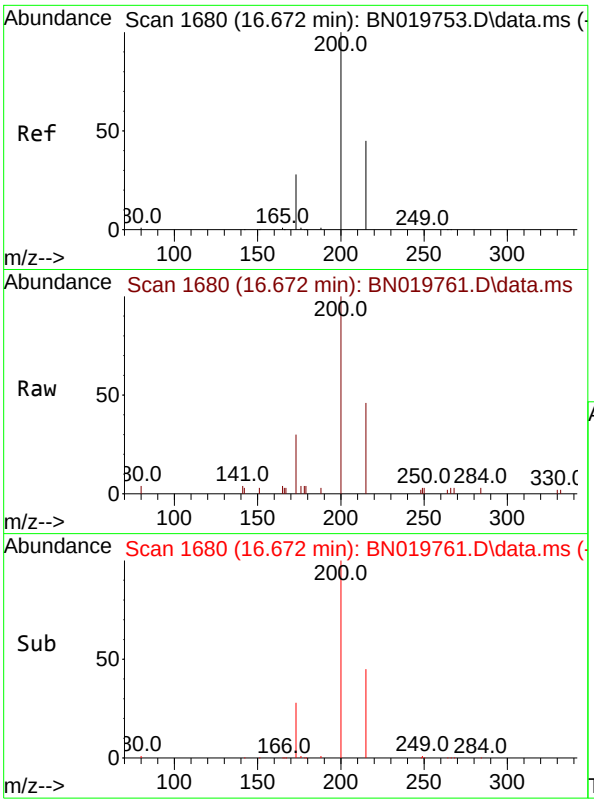


#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:284 Resp: 5232

Ion	Ratio	Lower	Upper
284	100		
142	43.0	35.2	52.8
249	32.7	26.6	40.0



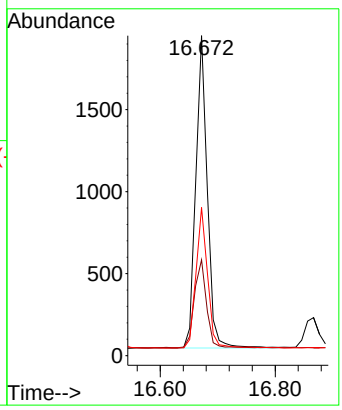


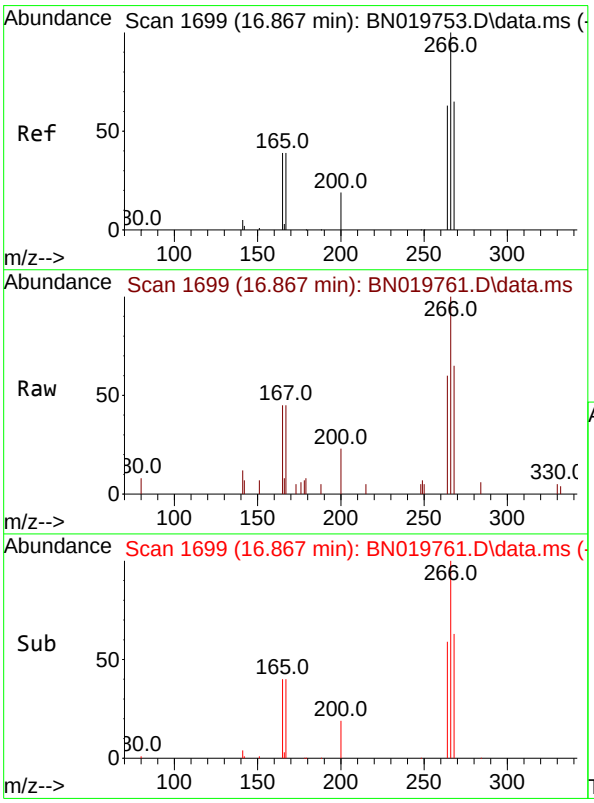
#23
Atrazine
Concen: 0.331 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2649

Ion	Ratio	Lower	Upper
200	100		
173	29.9	23.6	35.4
215	46.3	36.6	54.8

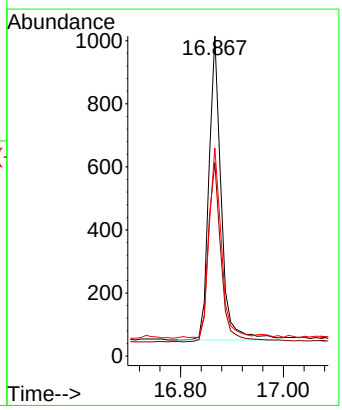


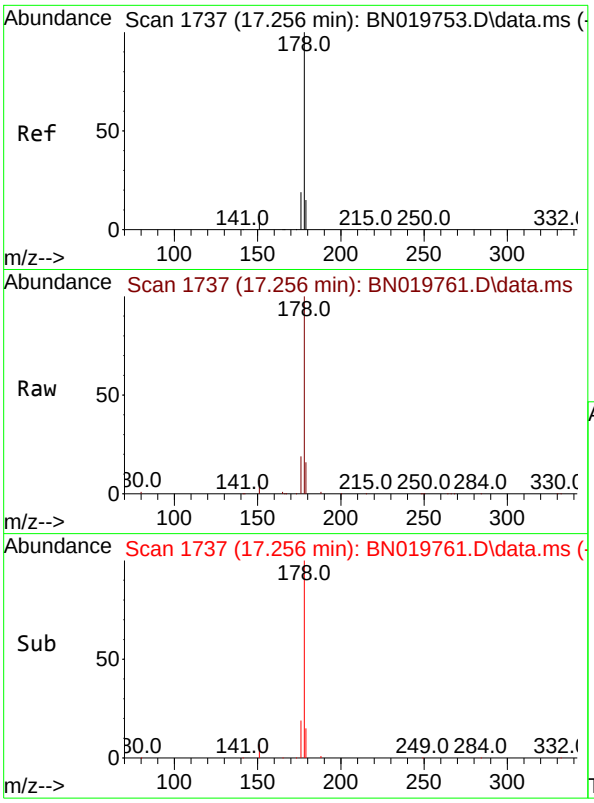


#24
Pentachlorophenol
Concen: 0.303 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:266 Resp: 1591

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.3	76.9
268	61.6	52.6	79.0



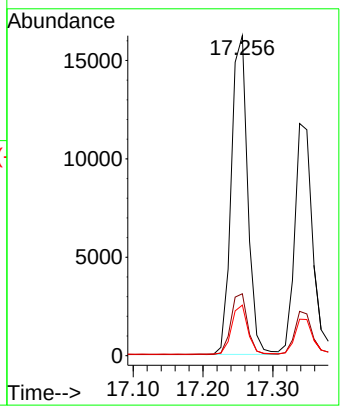


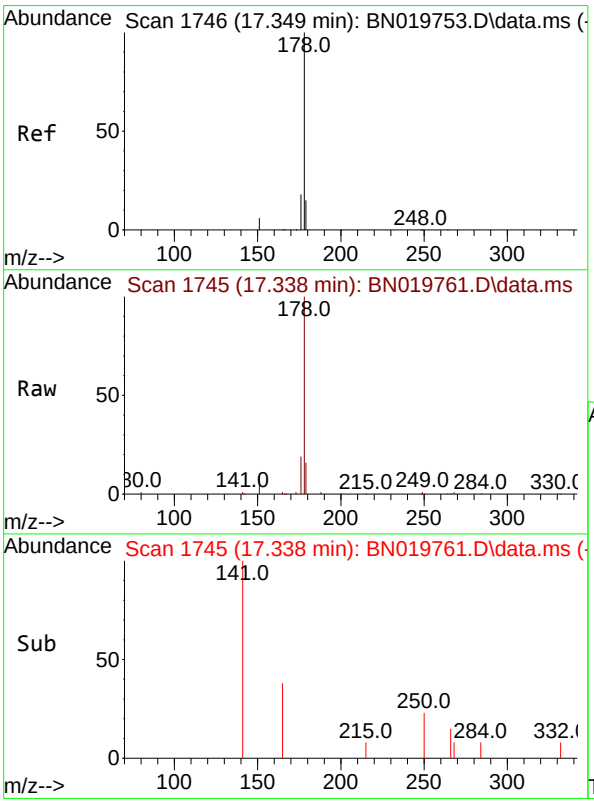
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 26495

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.3	12.2	18.4

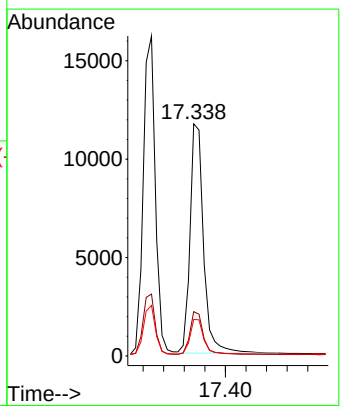


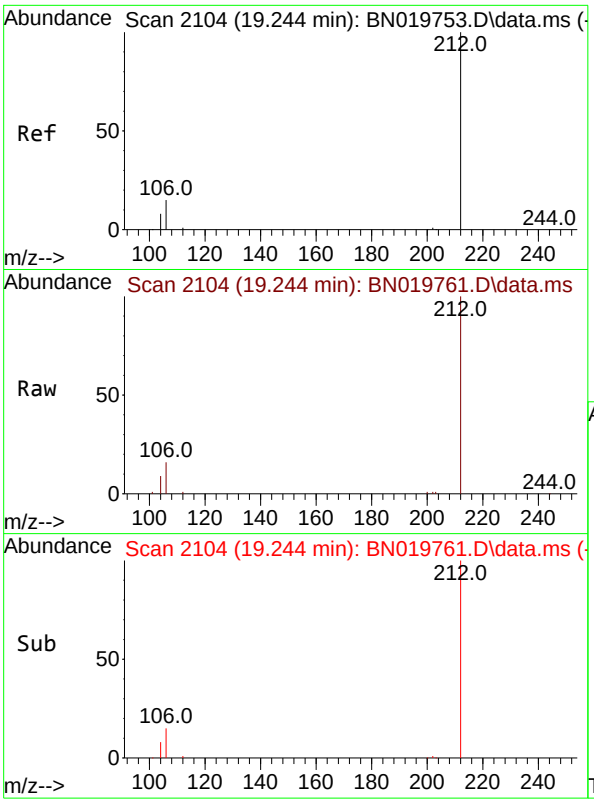


#26
Anthracene
Concen: 0.361 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:178 Resp: 21182

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	12.2	18.4



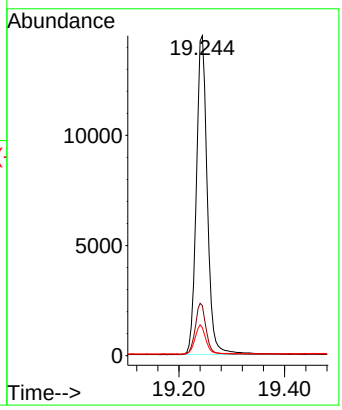


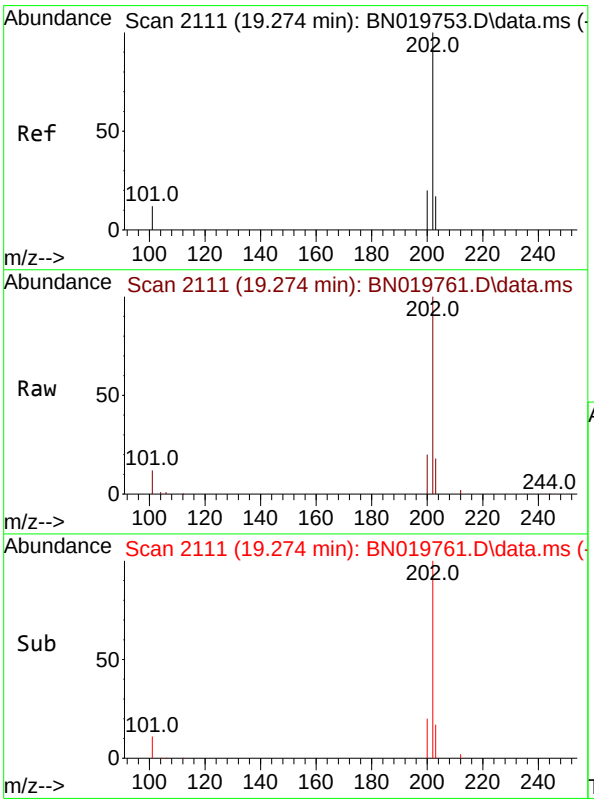
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.244 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 21021

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.6	19.0
104	9.1	7.2	10.8

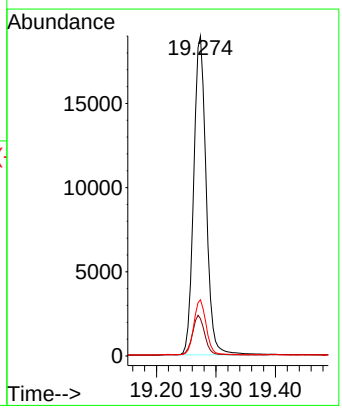


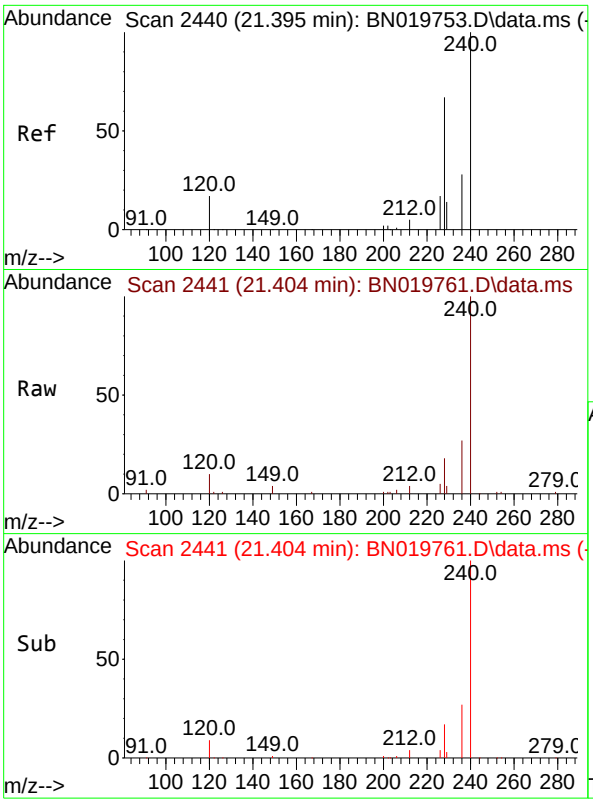


#28
Fluoranthene
Concen: 0.371 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:202 Resp: 27635

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.1	13.5	20.3



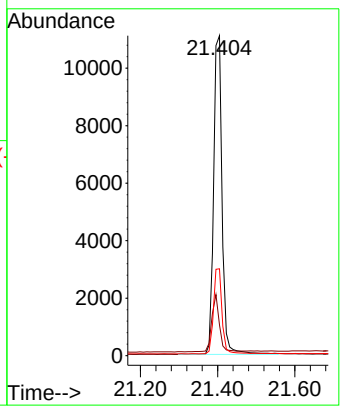


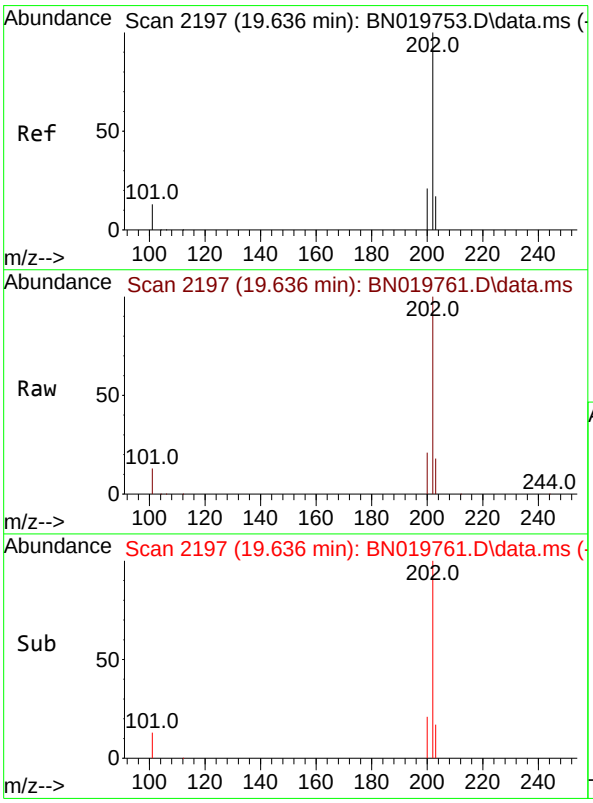
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16824

Ion	Ratio	Lower	Upper
240	100		
120	9.6	14.6	21.8#
236	27.1	22.6	33.8

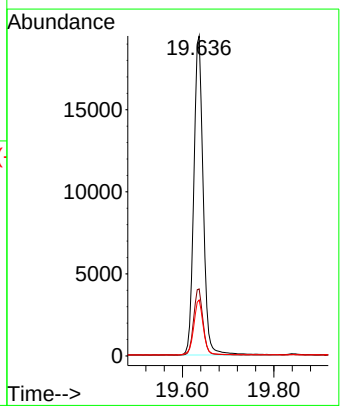


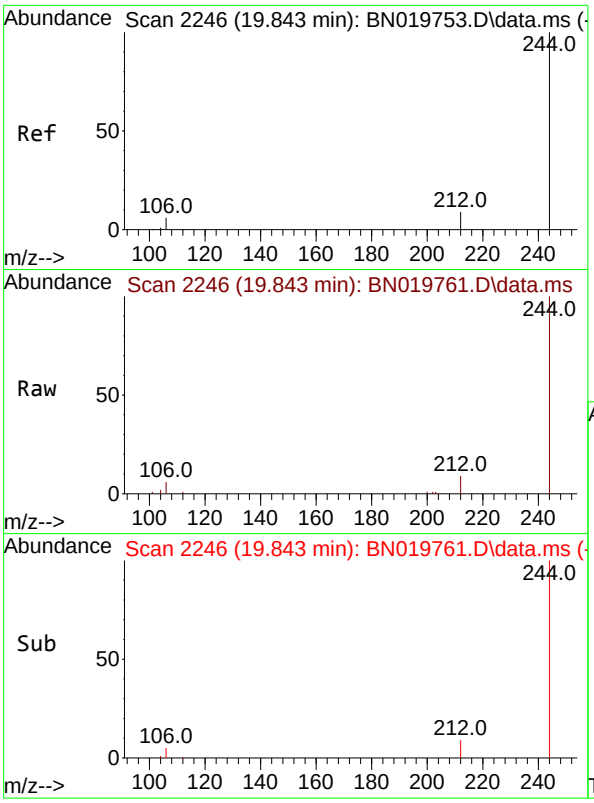


#30
Pyrene
Concen: 0.390 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:202 Resp: 27797

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.4	14.2	21.2



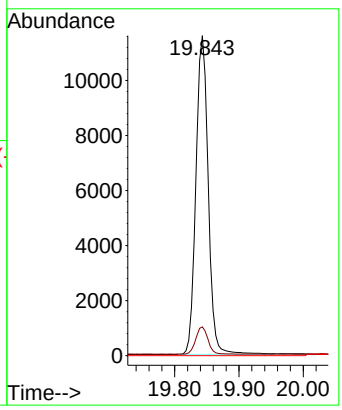


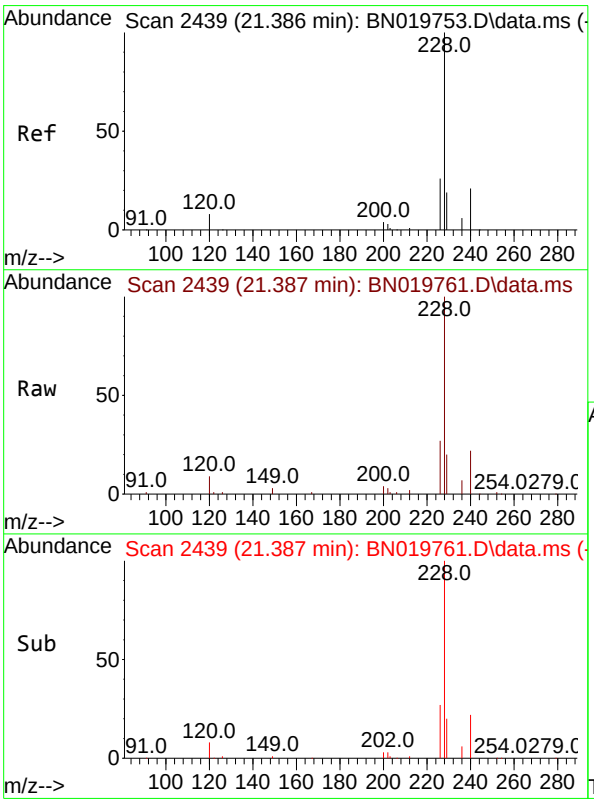
#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 15440

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

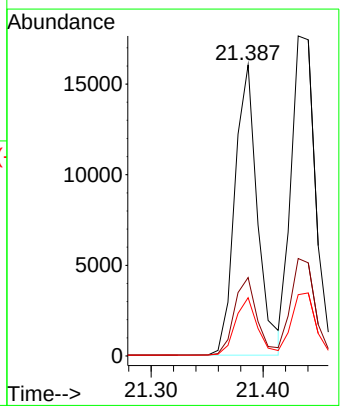


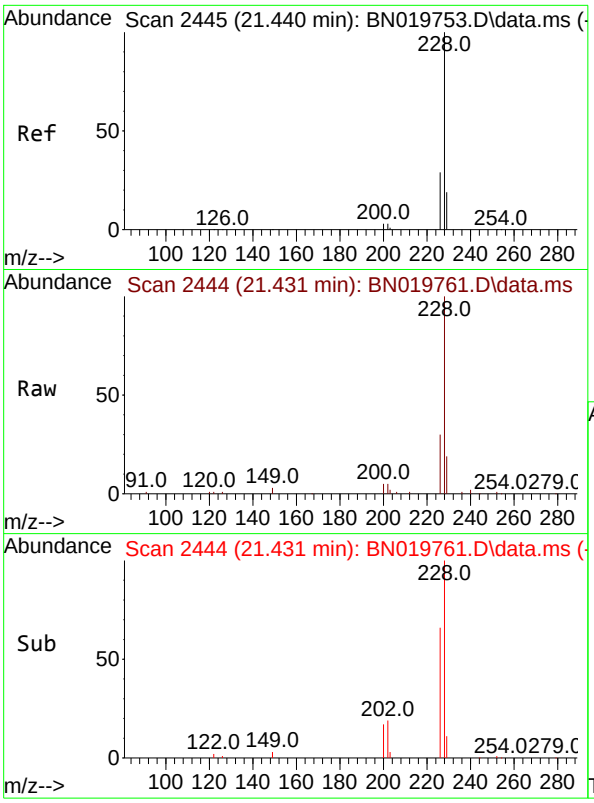


#32
Benzo(a)anthracene
Concen: 0.367 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:228 Resp: 22484

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	20.0	15.6	23.4



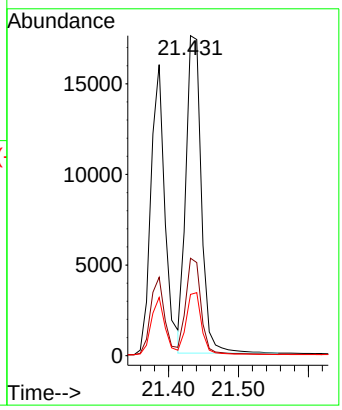


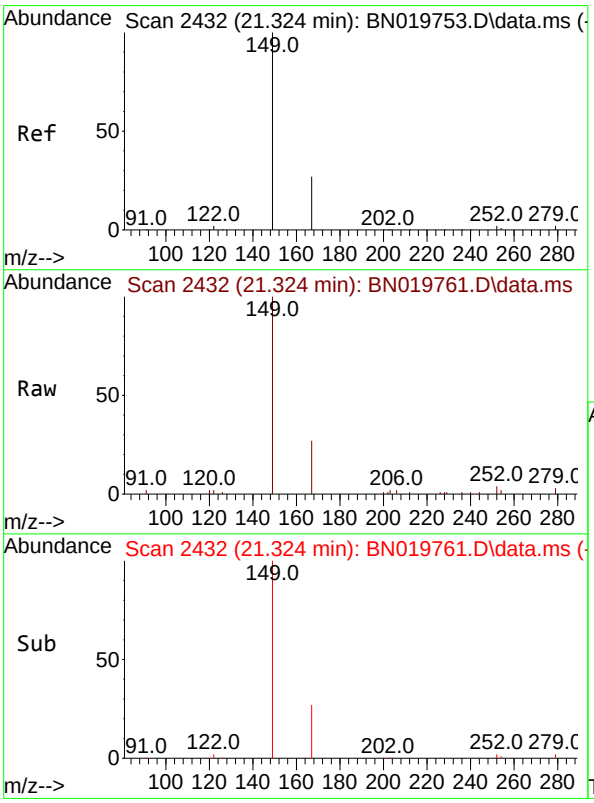
#33
Chrysene
Concen: 0.391 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 26879

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.2	15.7	23.5

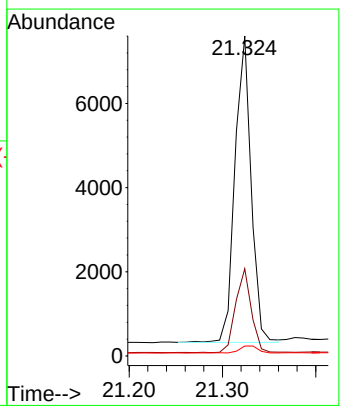


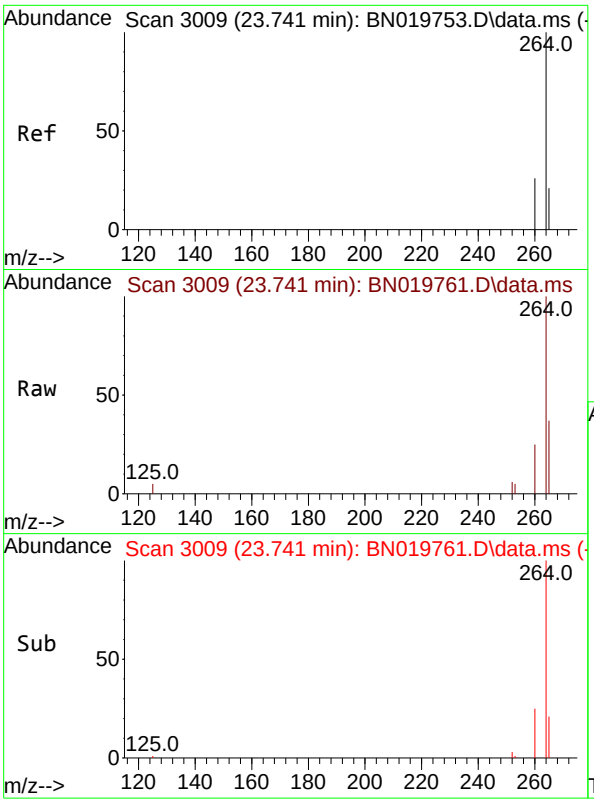


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.344 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:149 Resp: 8781

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	2.7	2.2	3.2



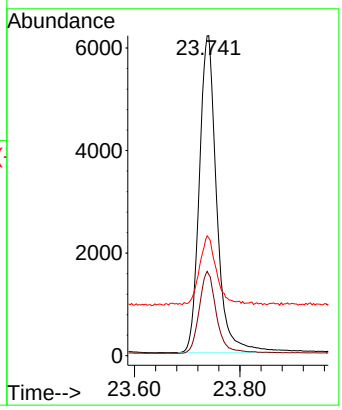


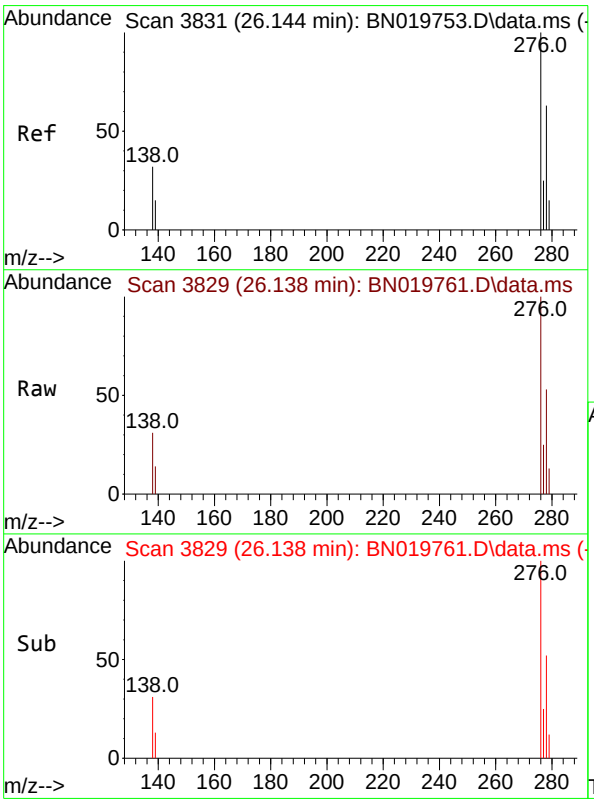
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 14158

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.9	31.3
265	36.8	28.0	42.0

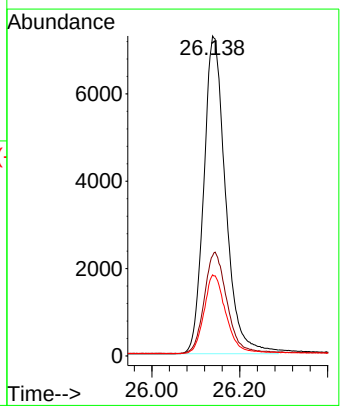


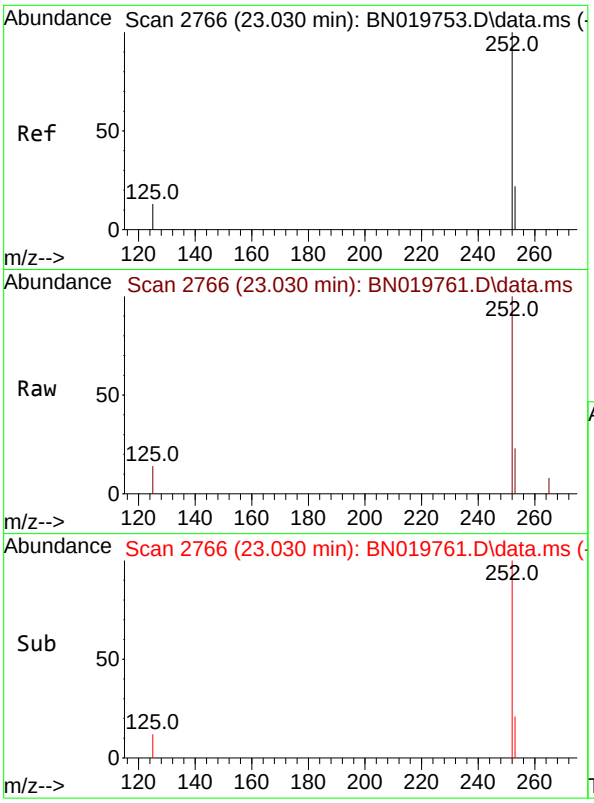


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.378 ng
RT: 26.138 min Scan# 3829
Delta R.T. -0.015 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:276 Resp: 25076

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.9	38.9
277	24.9	19.8	29.8



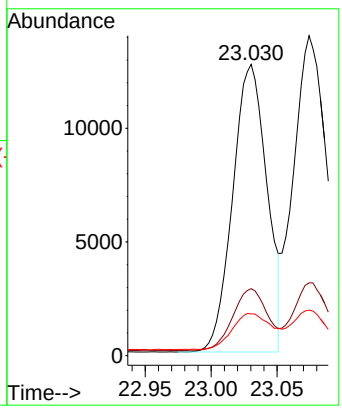


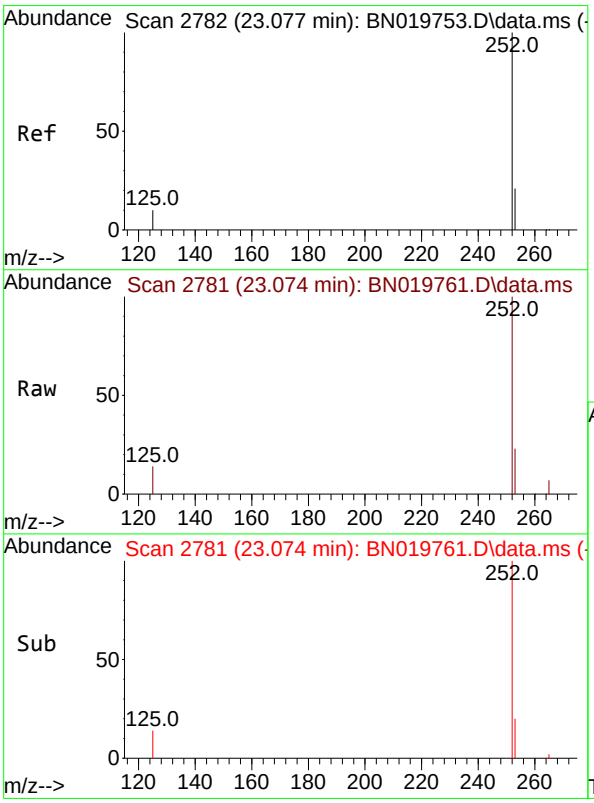
#37
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 22824

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	14.3	11.4	17.0

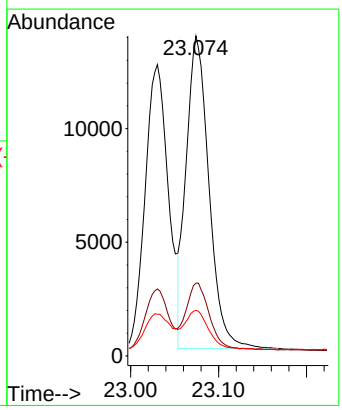


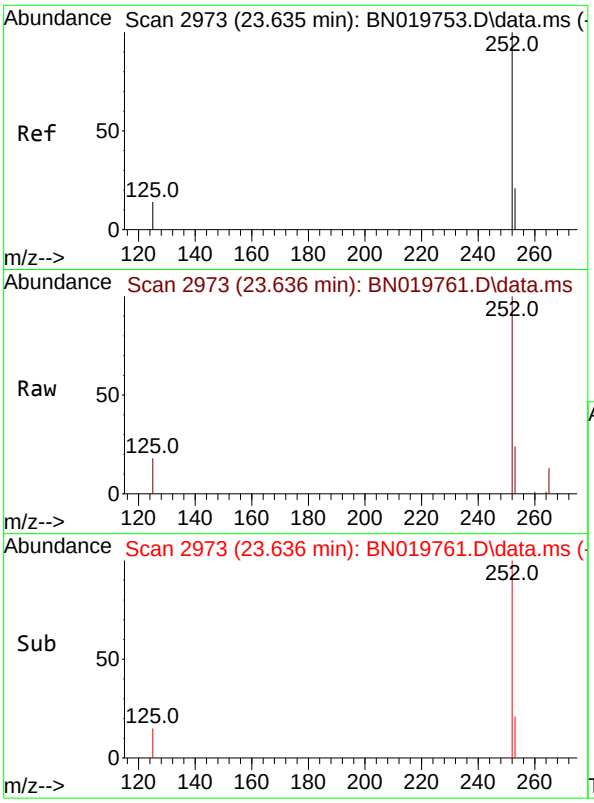


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:252 Resp: 24788

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	14.3	11.0	16.4



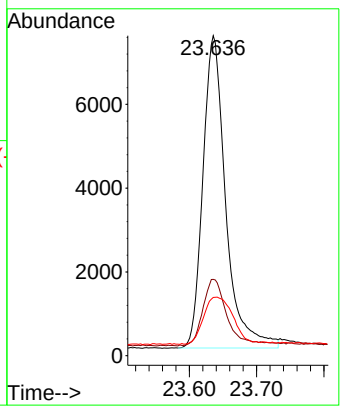


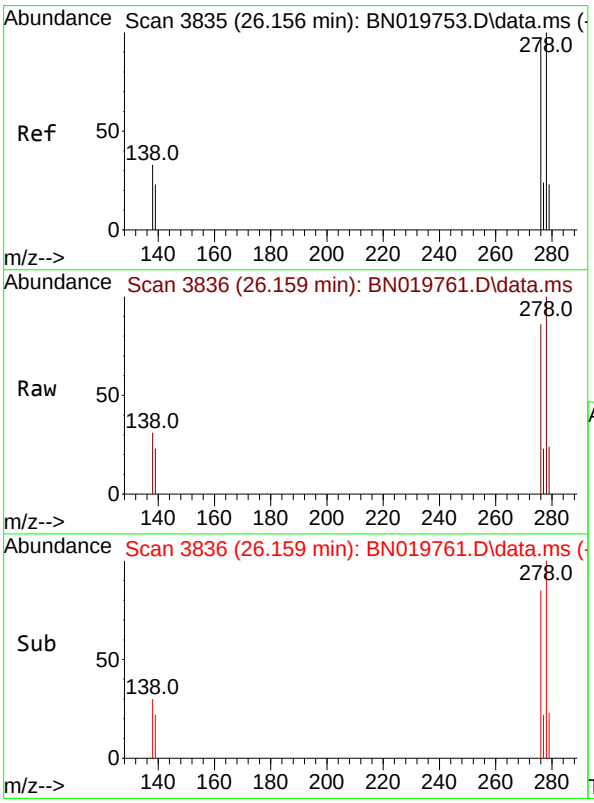
#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.636 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17567

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	18.2	13.8	20.8

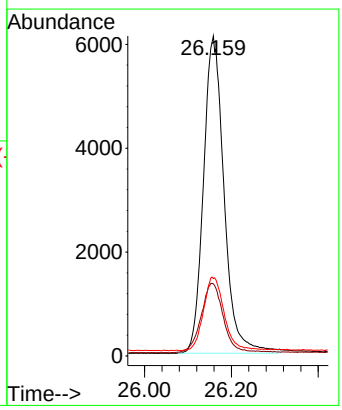


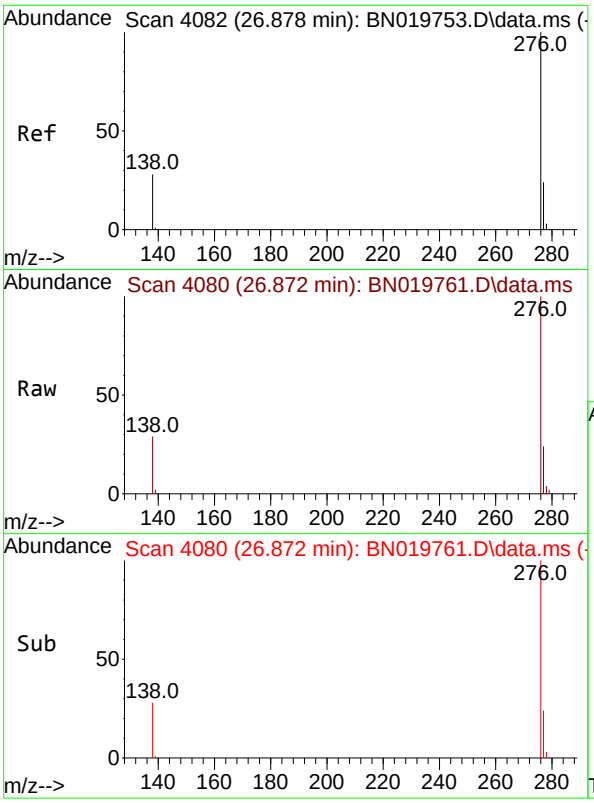


#40
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Tgt Ion:278 Resp: 20161

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.6	28.0
279	24.2	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 26.872 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN019761.D
Acq: 12 May 2022 23:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 20134

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	29.1	22.6	34.0