Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019861.D
Acq On : 19 May 2022 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 20 06:35:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3254	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11016	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	7294	0.400	ng		0.01
19) Phenanthrene-d10	17.205	188	15902	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	14101	0.400	ng		0.00
35) Perylene-d12	23.741	264	12200	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	3643	0.448	ng		0.00
5) Phenol-d6	7.016	99	4684	0.459	ng		0.00
8) Nitrobenzene-d5	8.993	82	3398	0.408	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	7457	0.389	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1124	0.390	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	11365	0.357	ng		0.00
27) Fluoranthene-d10	19.244	212	17531	0.388	ng		0.00
31) Terphenyl-d14	19.843	244	12276	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1406	0.364	ng		98
3) n-Nitrosodimethylamine	3.673	42	1587	0.375	ng	#	99
6) bis(2-Chloroethyl)ether	7.276	93	3791	0.382	ng		99
9) Naphthalene	10.690	128	12405	0.371	ng		99
10) Hexachlorobutadiene	10.989	225	2297	0.378	ng	#	99
12) 2-Methylnaphthalene	12.302	142	8809	0.387	ng		99
16) Acenaphthylene	14.185	152	13695	0.400	ng		98
17) Acenaphthene	14.527	154	9059	0.358	ng		97
18) Fluorene	15.521	166	11729	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	485	0.213	ng	#	81
21) 4-Bromophenyl-phenylether	16.405	248	3612	0.372	ng		92
22) Hexachlorobenzene	16.528	284	4154	0.386	ng		99
23) Atrazine	16.672	200	2653	0.419	ng		98
24) Pentachlorophenol	16.866	266	972	0.234	ng		98
25) Phenanthrene	17.246	178	19942	0.362	ng		100
26) Anthracene	17.338	178	17524	0.376	ng		100
28) Fluoranthene	19.274	202	22344	0.379	ng		100
30) Pyrene	19.636	202	22911	0.383	ng		100
32) Benzo(a)anthracene	21.386	228	20530	0.400	ng		99
33) Chrysene	21.431	228	21247	0.369	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	11197	0.523	ng		100
36) Indeno(1,2,3-cd)pyrene	26.147	276	18731	0.328	ng		99
37) Benzo(b)fluoranthene	23.033	252	18706	0.351	ng		99
38) Benzo(k)fluoranthene	23.080	252	19171	0.339	ng		98
39) Benzo(a)pyrene	23.638	252	15725	0.375	ng		99
40) Dibenzo(a,h)anthracene	26.164	278	15037	0.326	ng		99
41) Benzo(g,h,i)perylene	26.884	276	15169	0.320	ng		99

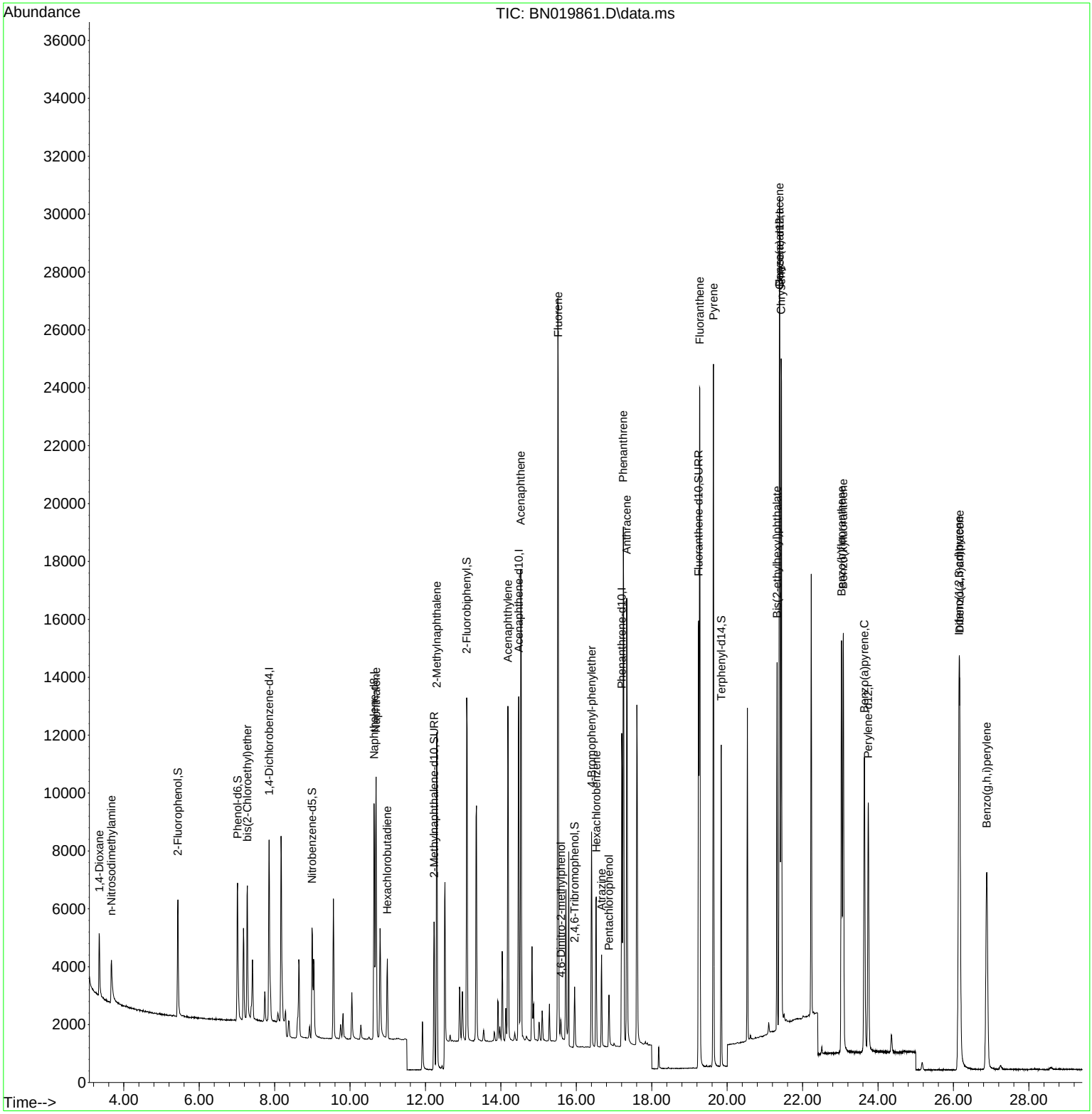
(#) = qualifier out of range (m) = manual integration (+) = signals summed

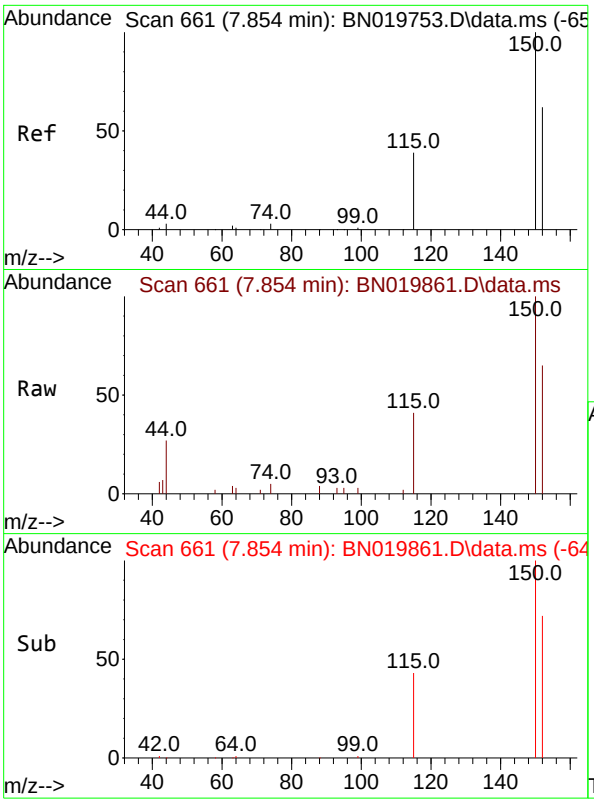
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051922\
Data File : BN019861.D
Acq On : 19 May 2022 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 20 06:35:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration



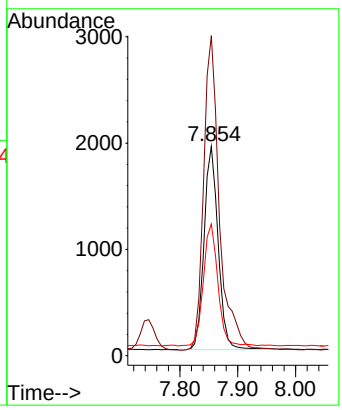


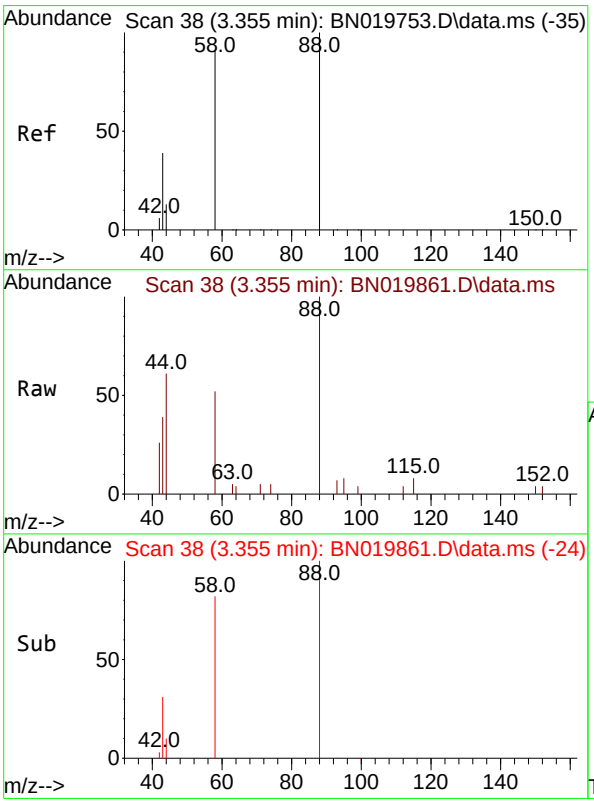
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3254

Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.9	191.9
115	62.9	51.4	77.2

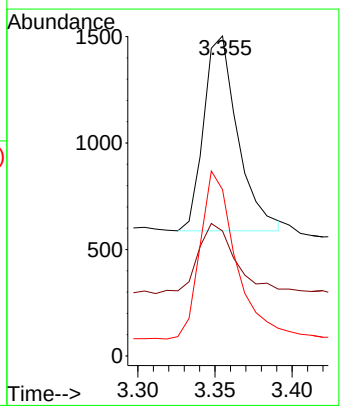


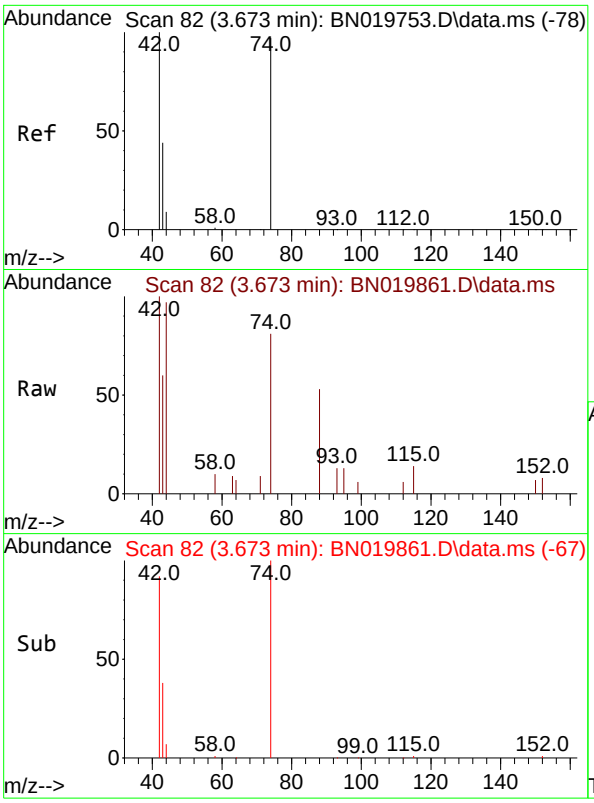


#2
1,4-Dioxane
Concen: 0.364 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion: 88 Resp: 1406

Ion	Ratio	Lower	Upper
88	100		
43	40.0	30.2	45.2
58	90.3	73.0	109.6



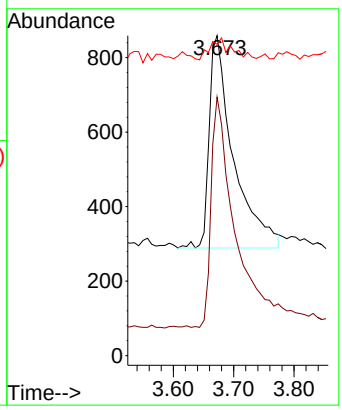


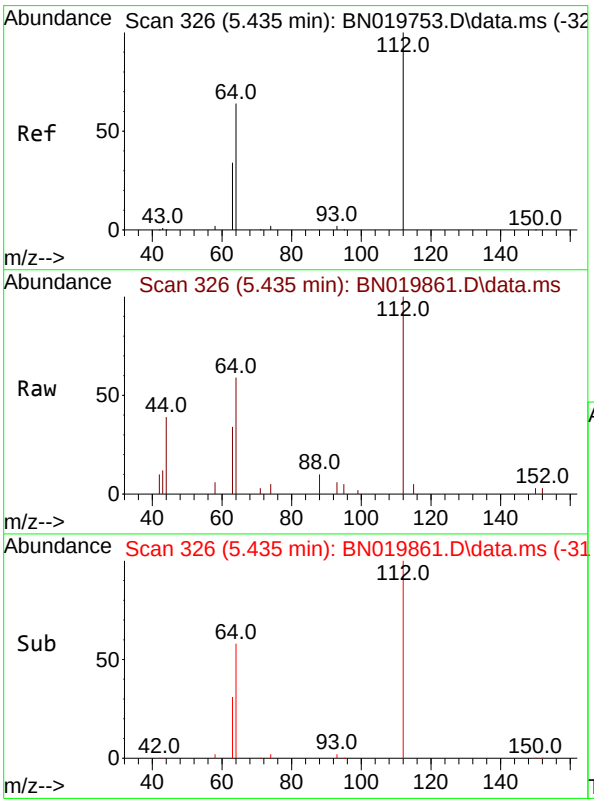
#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1587

Ion	Ratio	Lower	Upper
42	100		
74	105.2	84.0	126.0
44	9.3	9.8	14.8#

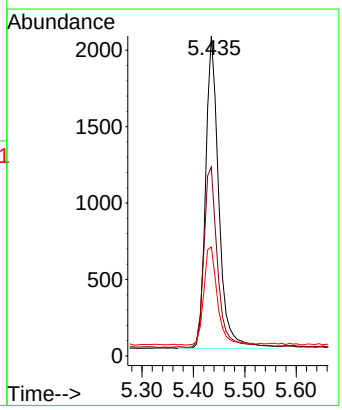


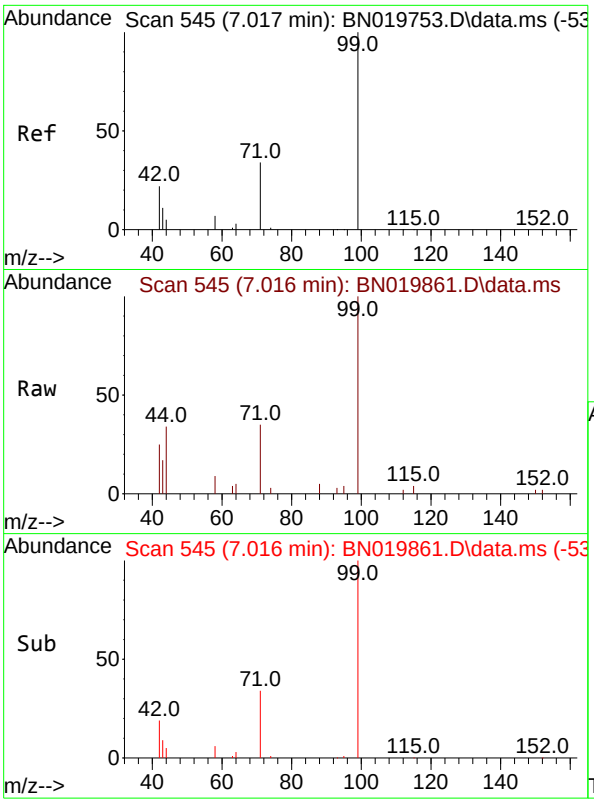


#4
2-Fluorophenol
Concen: 0.448 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:112 Resp: 3643

Ion	Ratio	Lower	Upper
112	100		
64	60.0	49.1	73.7
63	32.7	26.3	39.5



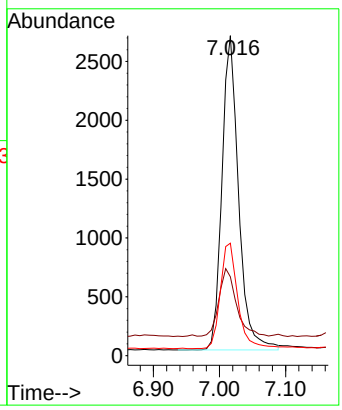


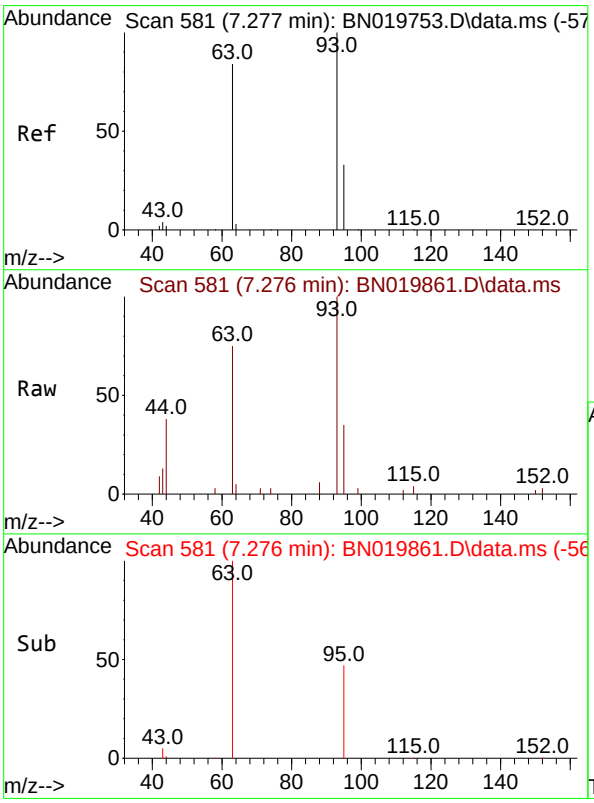
#5
Phenol-d6
Concen: 0.459 ng
RT: 7.016 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4684

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.3	28.9
71	35.1	27.5	41.3

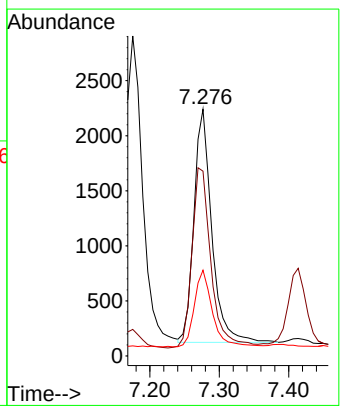


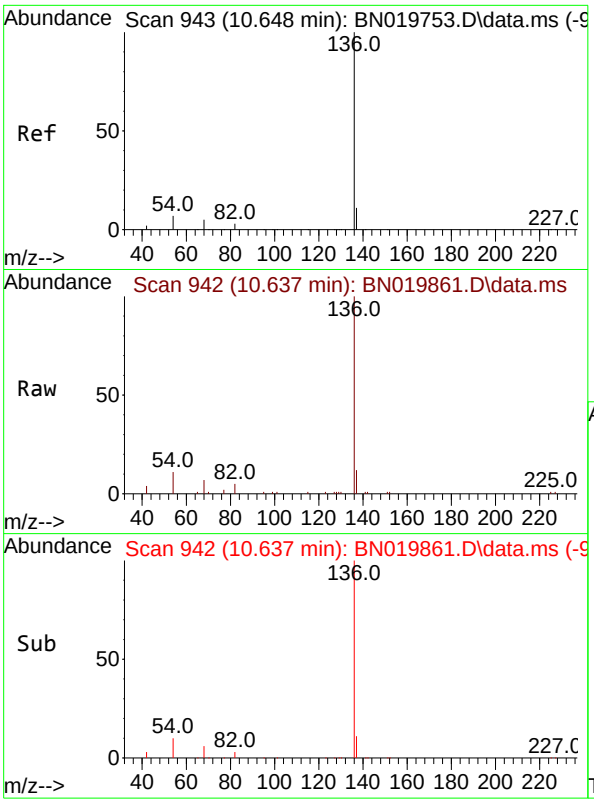


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.276 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion: 93 Resp: 3791

Ion	Ratio	Lower	Upper
93	100		
63	82.6	67.4	101.0
95	33.2	26.5	39.7



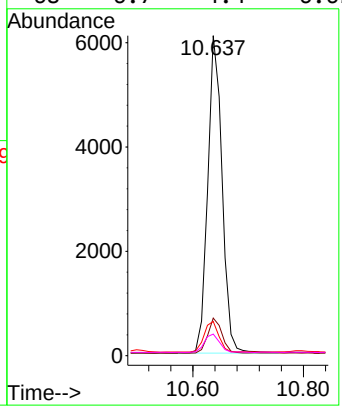


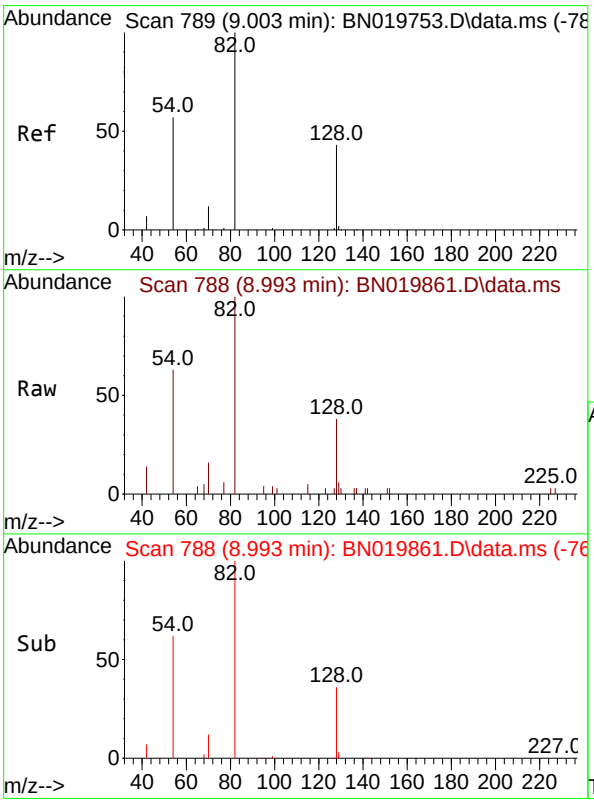
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 11016

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.6
54	10.7	6.2	9.2#
68	6.7	4.4	6.6#

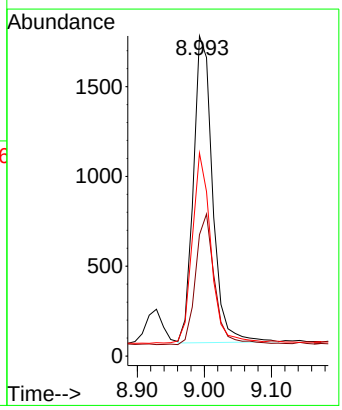


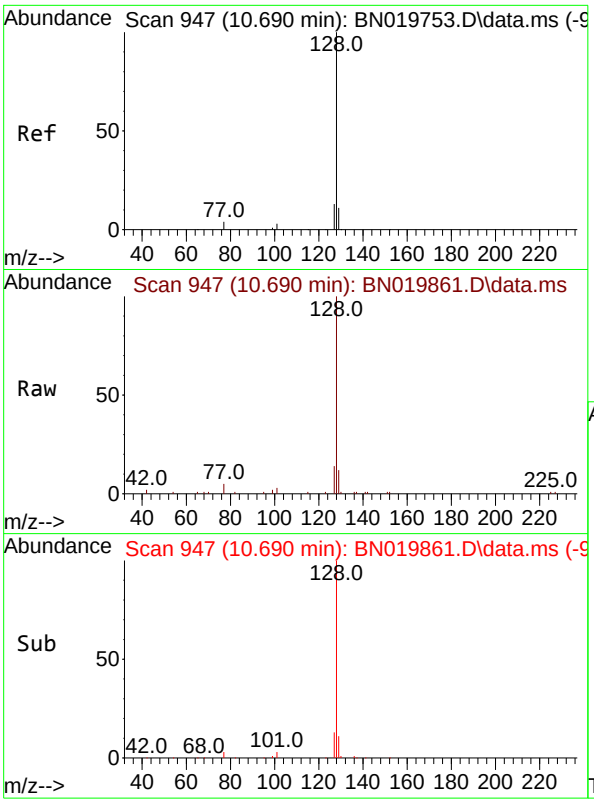


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion: 82 Resp: 3398

Ion	Ratio	Lower	Upper
82	100		
128	37.9	35.0	52.6
54	63.4	46.2	69.4



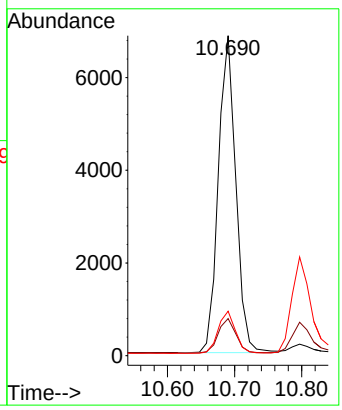


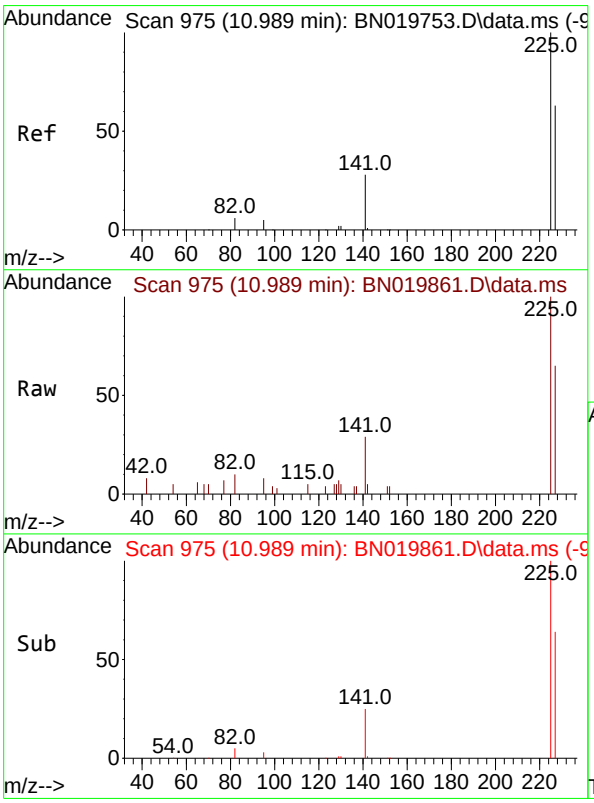
#9
Naphthalene
Concen: 0.371 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 12405

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.9	10.8	16.2

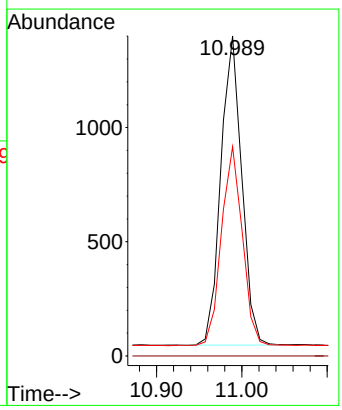


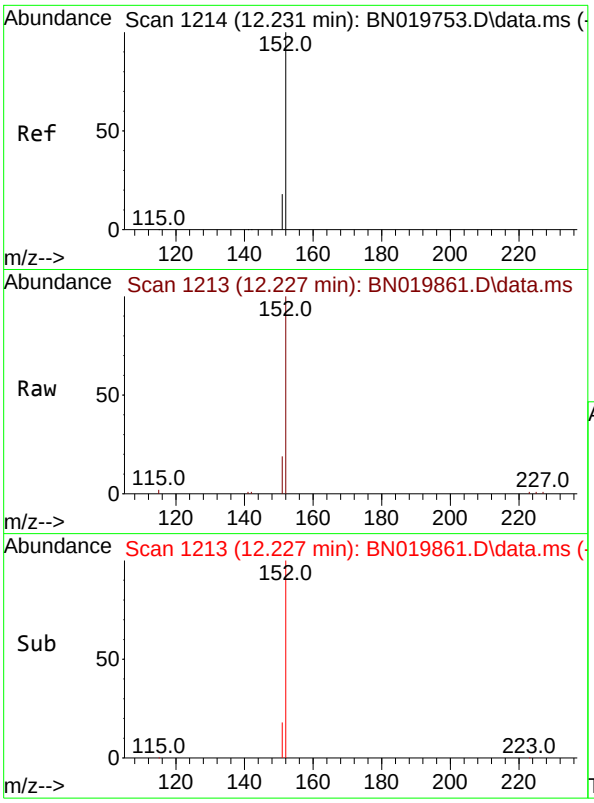


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:225 Resp: 2297

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	50.9	76.3



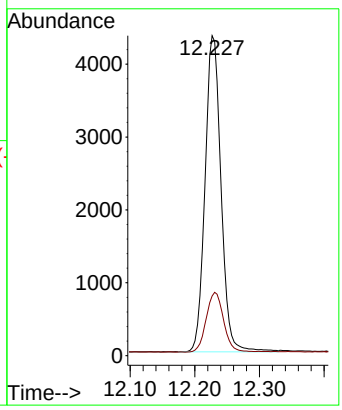


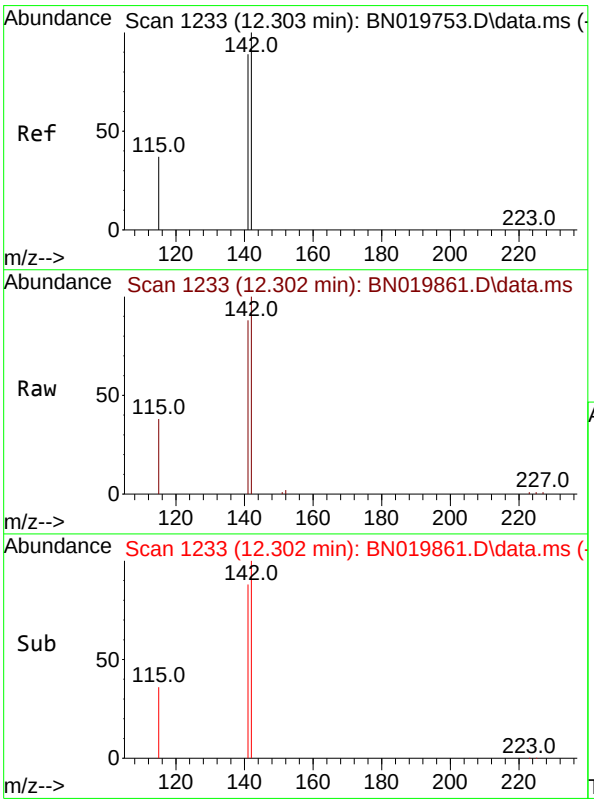
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 7457

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

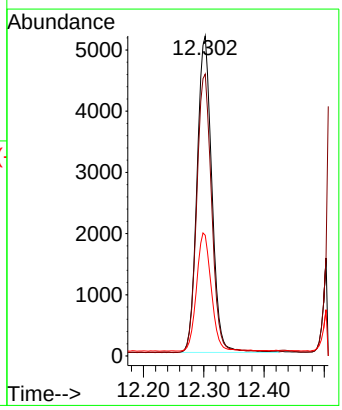


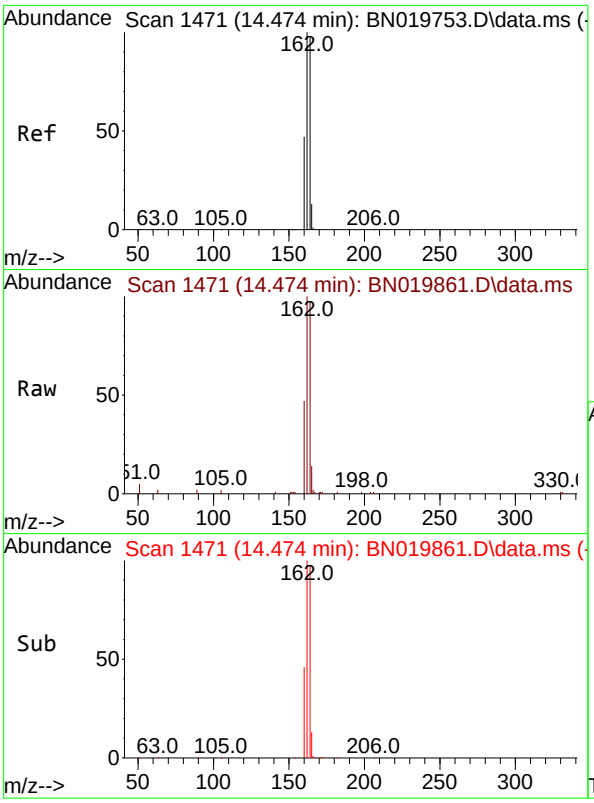


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.302 min Scan# 1233
Delta R.T. 0.004 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:142 Resp: 8809

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	37.7	29.8	44.8



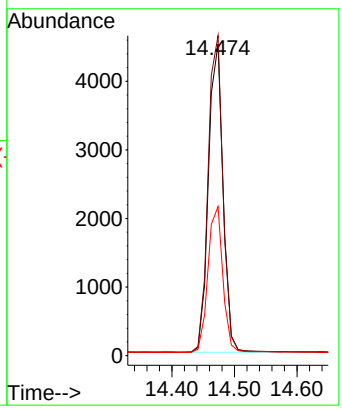


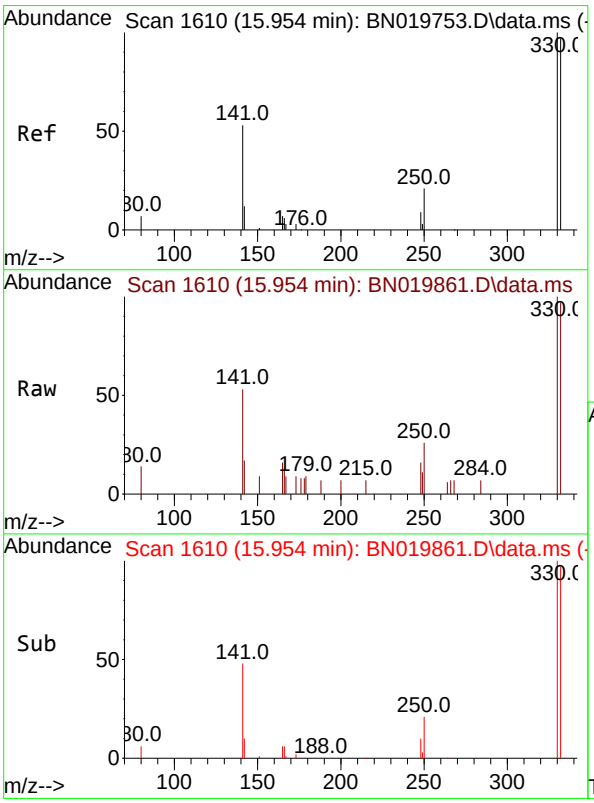
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.010 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7294

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.1	123.1
160	47.8	38.6	58.0

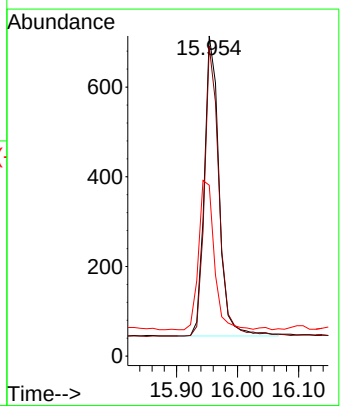


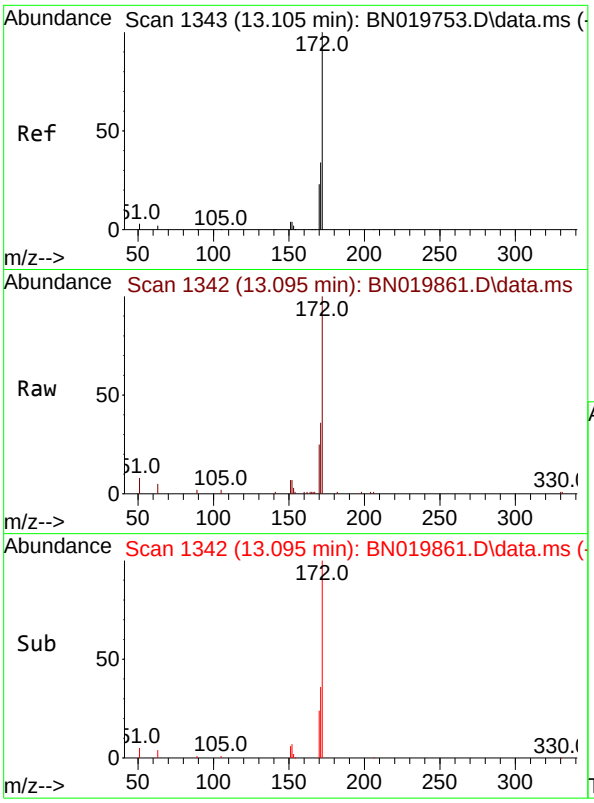


#14
2,4,6-Tribromophenol
Concen: 0.390 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:330 Resp: 1124

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.6	116.4
141	52.6	41.0	61.4



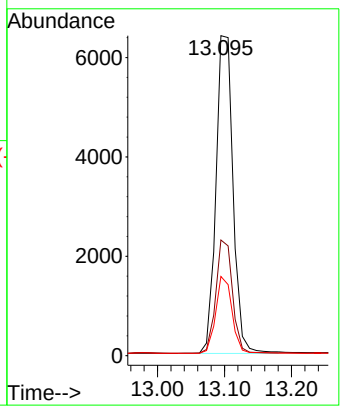


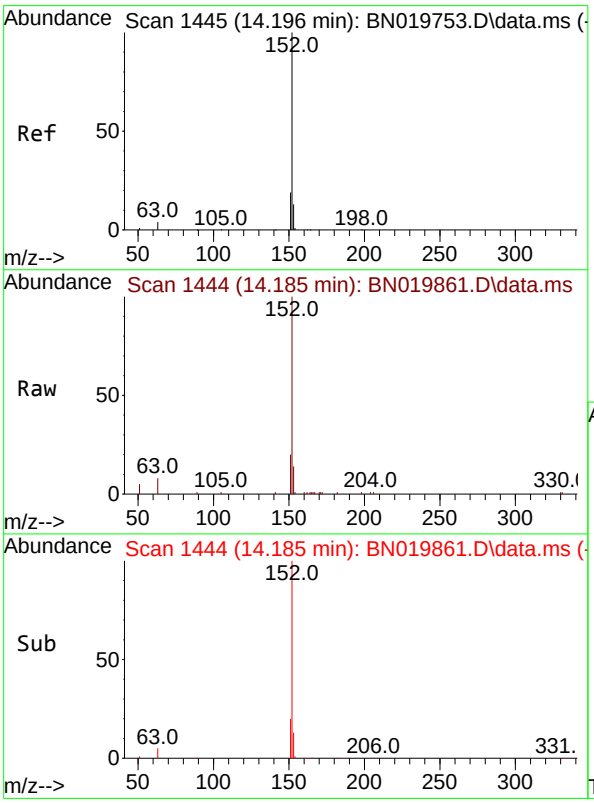
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11365

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.2	40.8
170	24.8	18.2	27.4

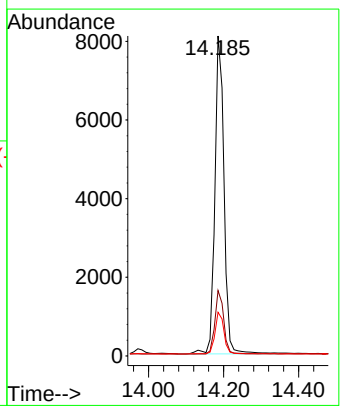


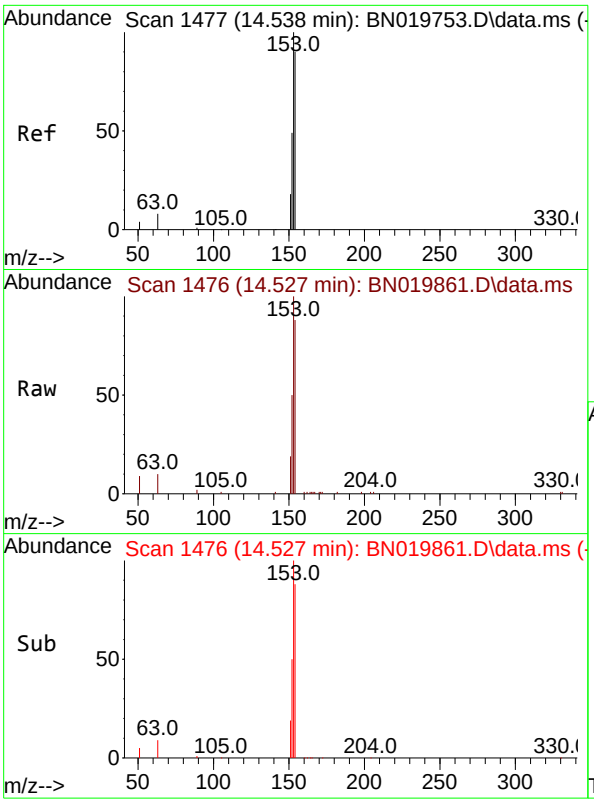


#16
Acenaphthylene
Concen: 0.400 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:152 Resp: 13695

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.4
153	13.1	10.7	16.1



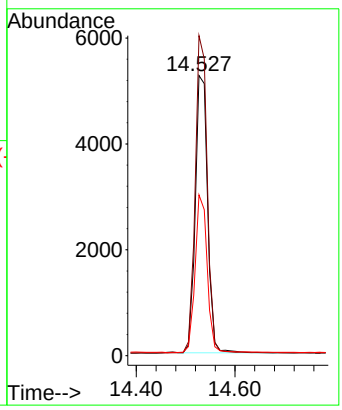


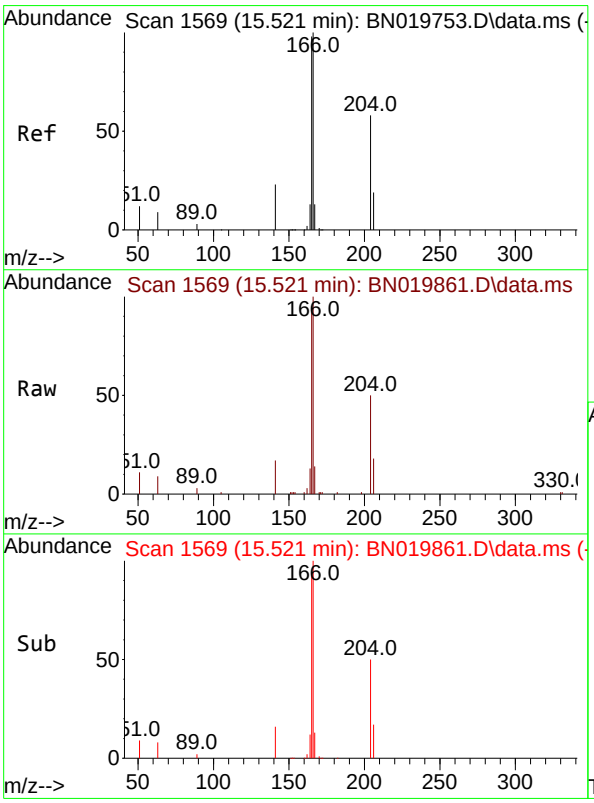
#17
Acenaphthene
Concen: 0.358 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9059

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.5	131.3
152	56.4	43.8	65.6

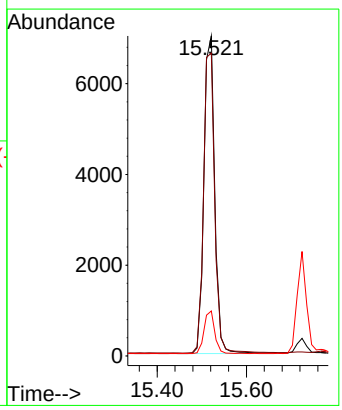


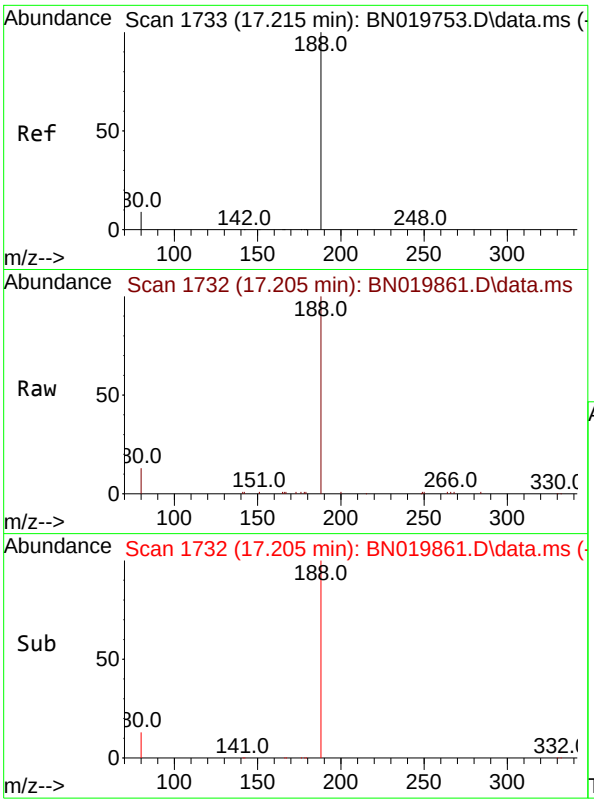


#18
Fluorene
Concen: 0.367 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.010 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:166 Resp: 11729

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	118.0
167	13.4	10.8	16.2





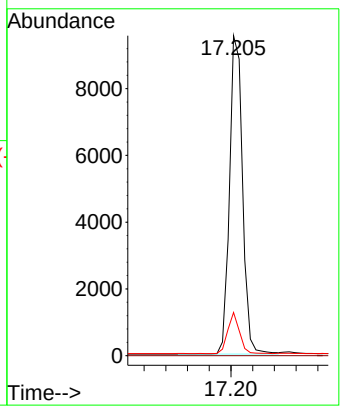
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1

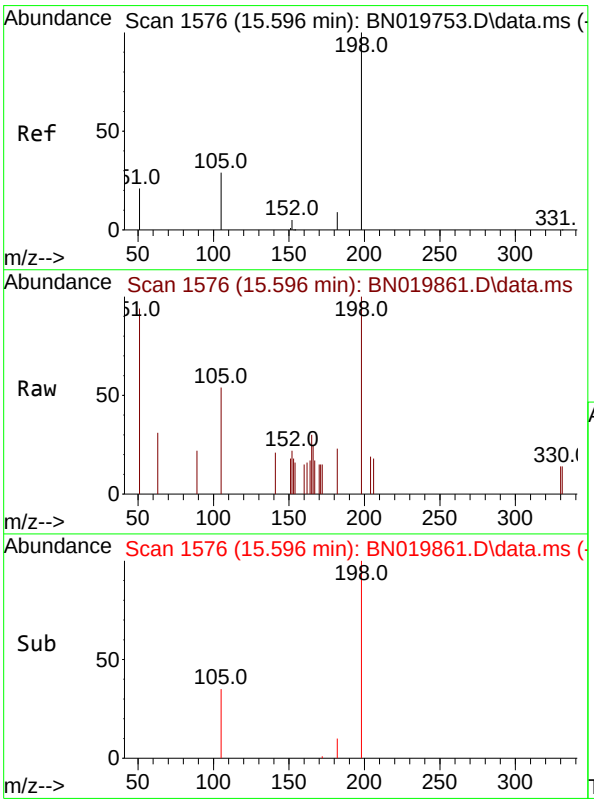
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:188 Resp: 15902

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	7.4	11.2#

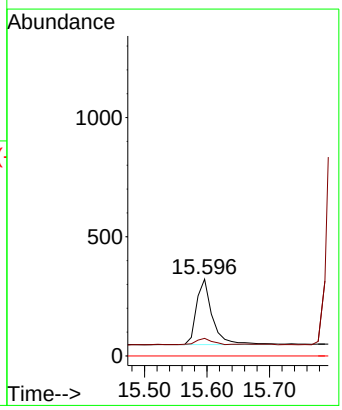


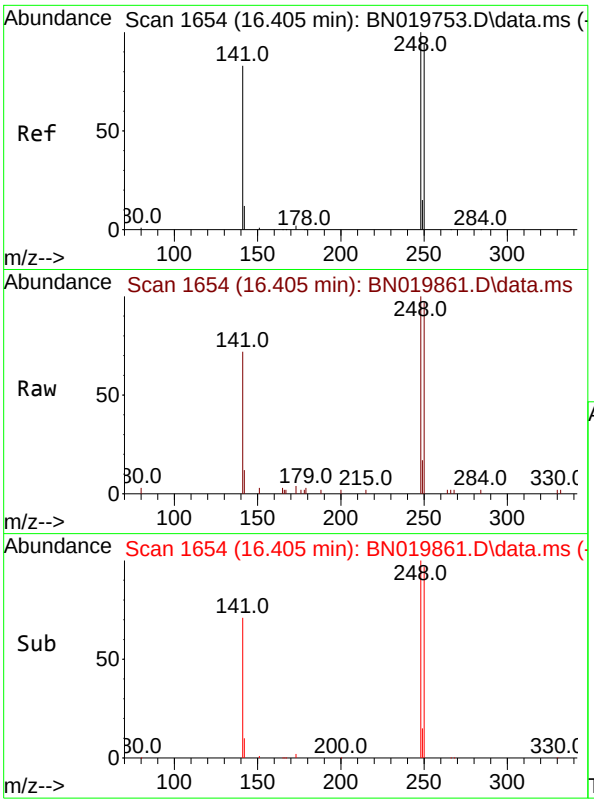


#20
4,6-Dinitro-2-methylphenol
Concen: 0.213 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:198 Resp: 485

Ion	Ratio	Lower	Upper
198	100		
182	23.0	12.1	18.1#
77	0.0	0.0	0.0



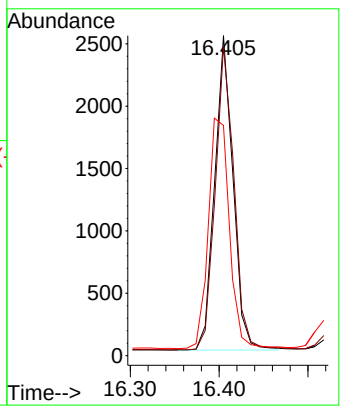


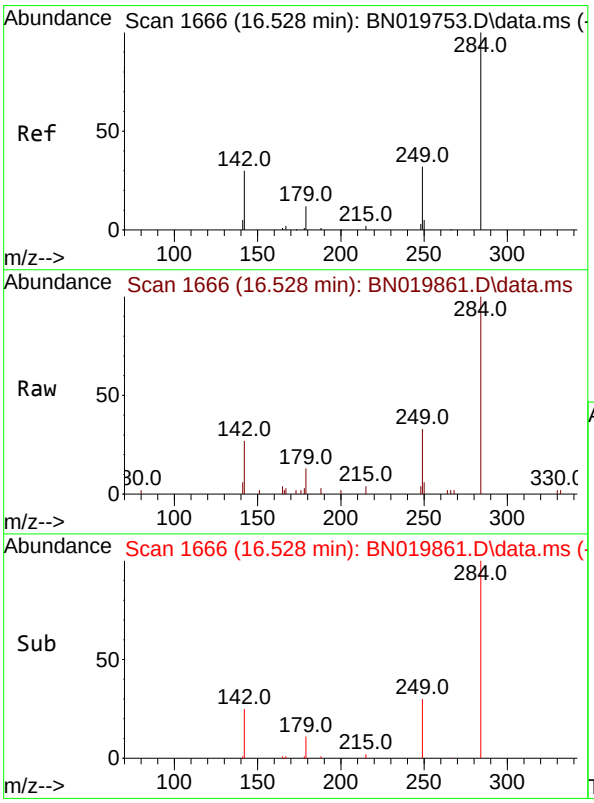
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3612

Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.3	112.9
141	71.9	67.3	100.9

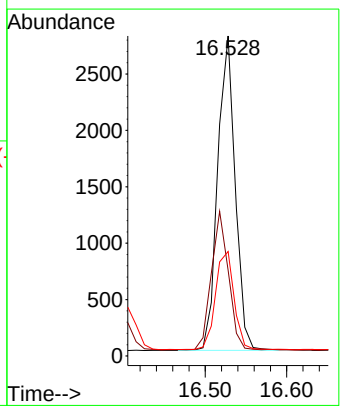


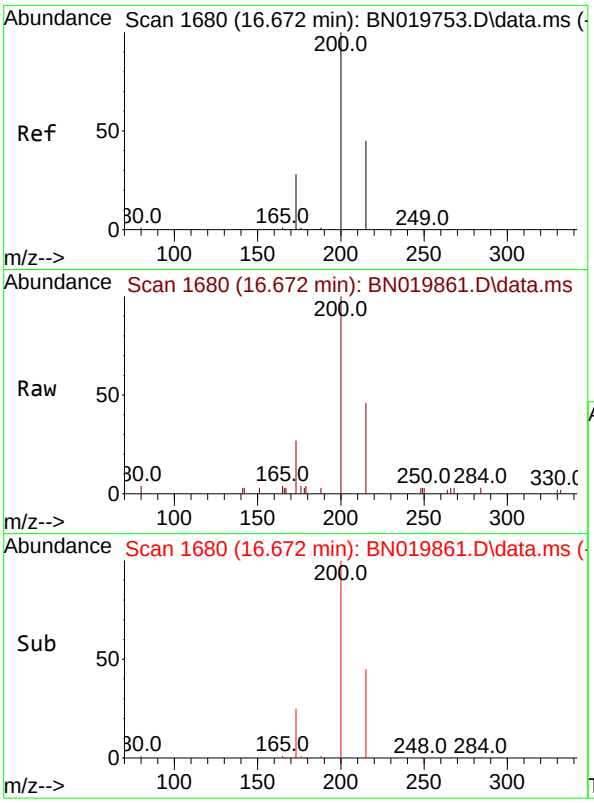


#22
Hexachlorobenzene
Concen: 0.386 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:284 Resp: 4154

Ion	Ratio	Lower	Upper
284	100		
142	42.8	35.2	52.8
249	33.1	26.6	40.0



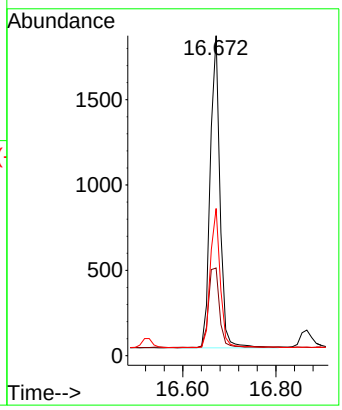


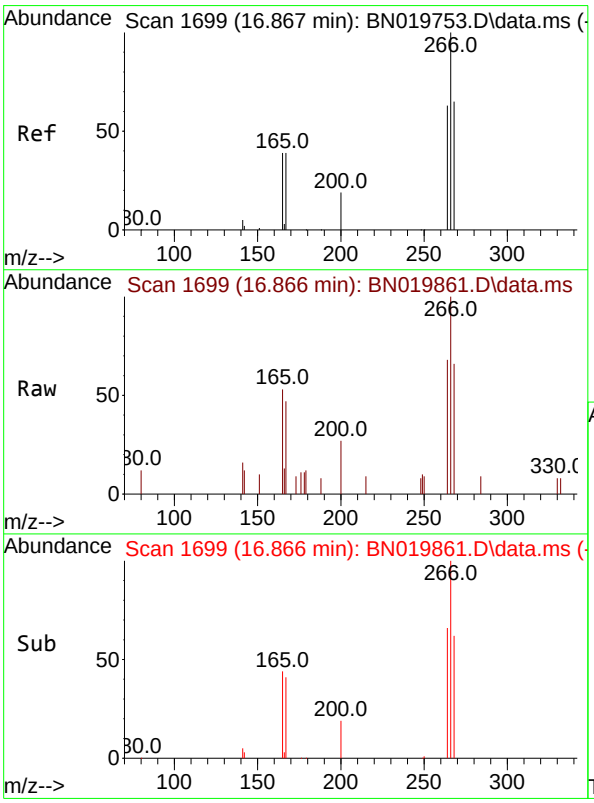
#23
Atrazine
Concen: 0.419 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2653

Ion	Ratio	Lower	Upper
200	100		
173	27.4	23.6	35.4
215	46.0	36.6	54.8

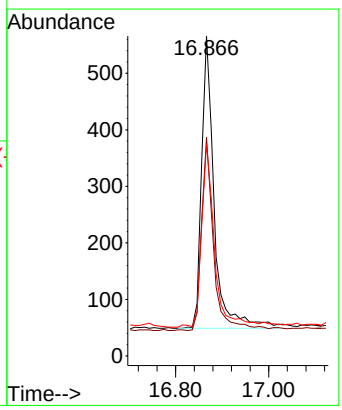


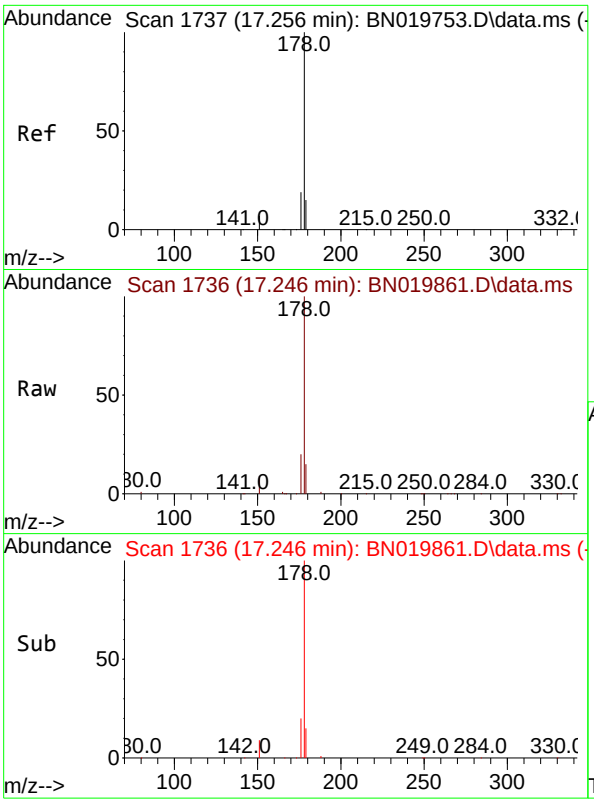


#24
Pentachlorophenol
Concen: 0.234 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:266 Resp: 972

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.3	76.9
268	63.3	52.6	79.0



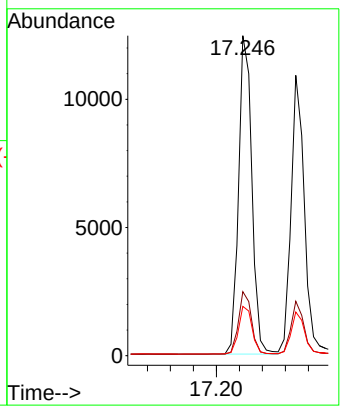


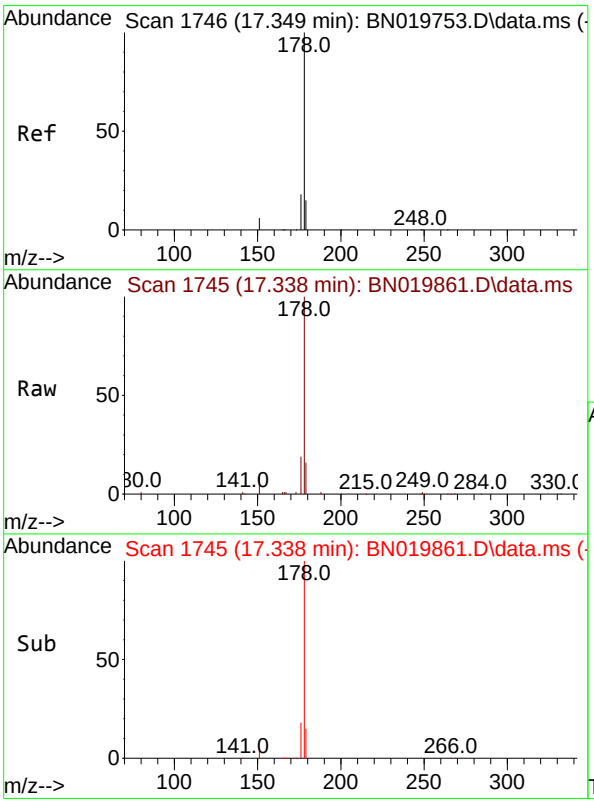
#25
Phenanthrene
Concen: 0.362 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 19942

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.3	12.2	18.4

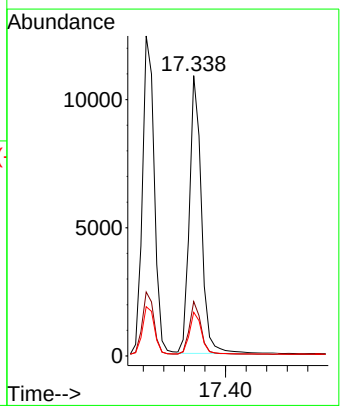


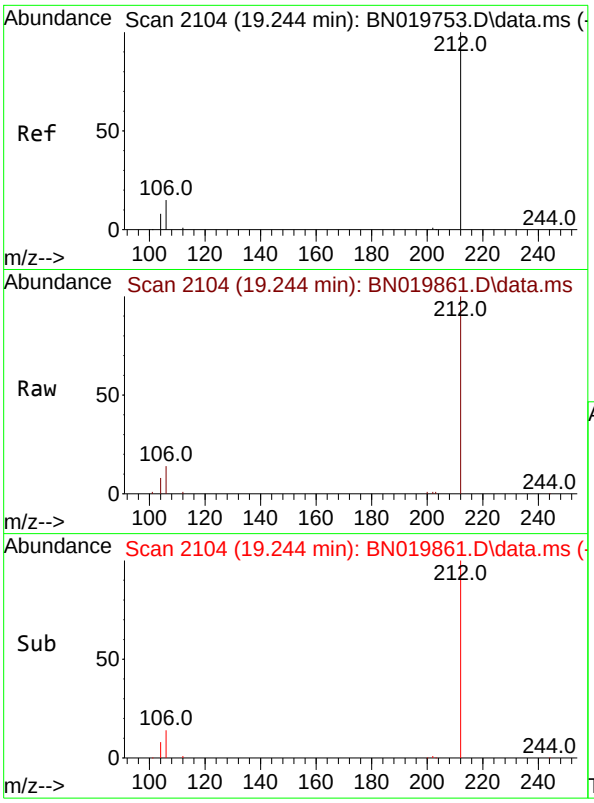


#26
Anthracene
Concen: 0.376 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:178 Resp: 17524

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.1	12.2	18.4



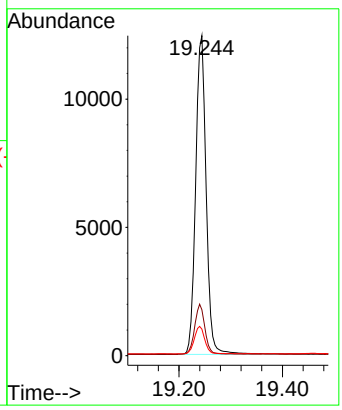


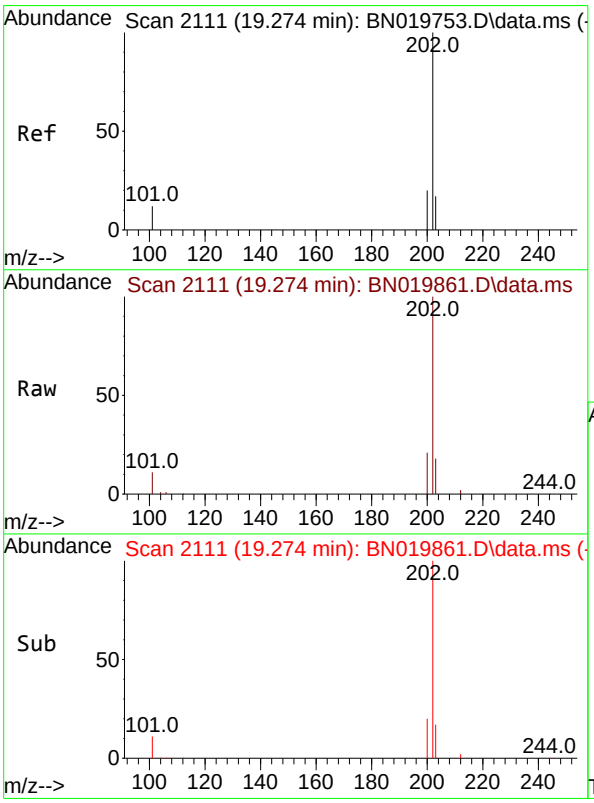
#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.244 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 17531

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.6	19.0
104	8.6	7.2	10.8

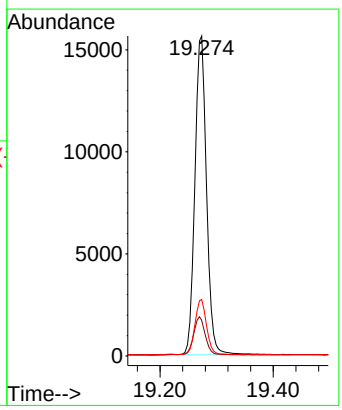


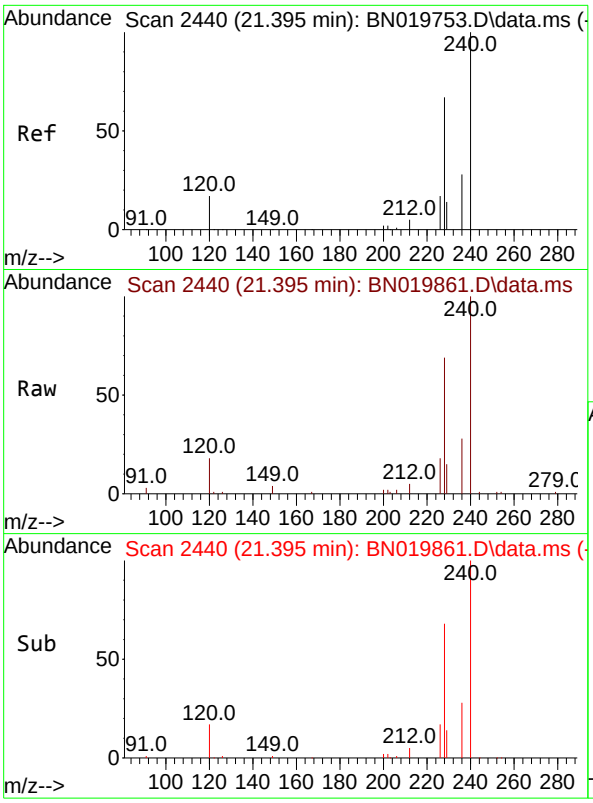


#28
Fluoranthene
Concen: 0.379 ng
RT: 19.274 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:202 Resp: 22344

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.6	14.4
203	17.2	13.5	20.3



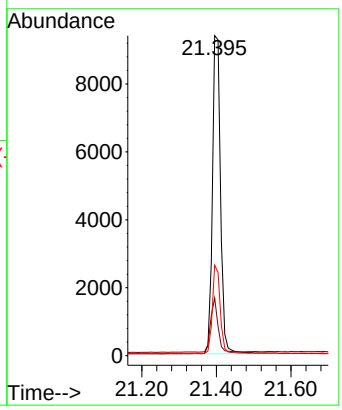


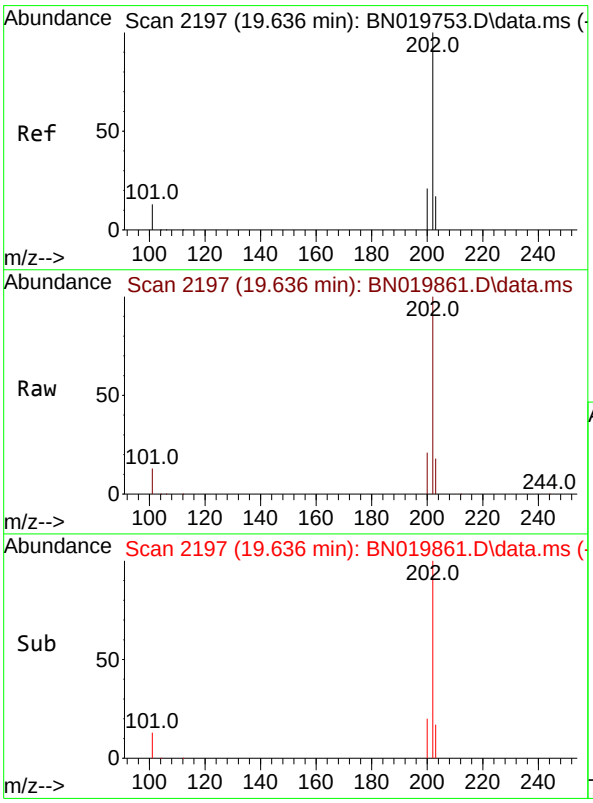
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 14101

Ion	Ratio	Lower	Upper
240	100		
120	18.0	14.6	21.8
236	28.3	22.6	33.8

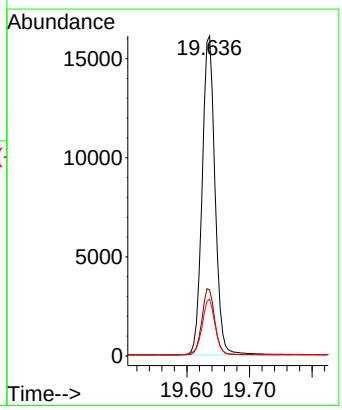


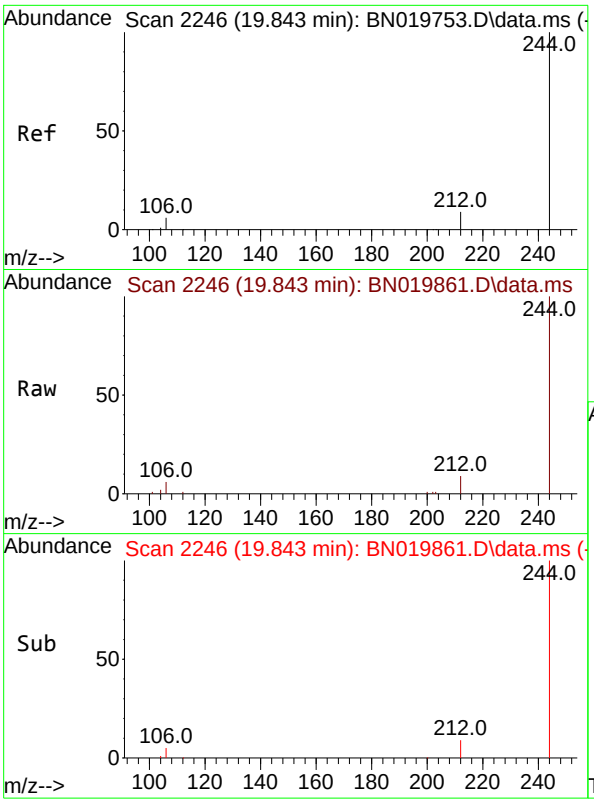


#30
Pyrene
Concen: 0.383 ng
RT: 19.636 min Scan# 2197
Delta R.T. 0.004 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:202 Resp: 22911

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.2	21.2



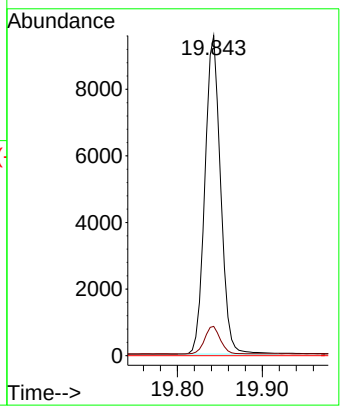


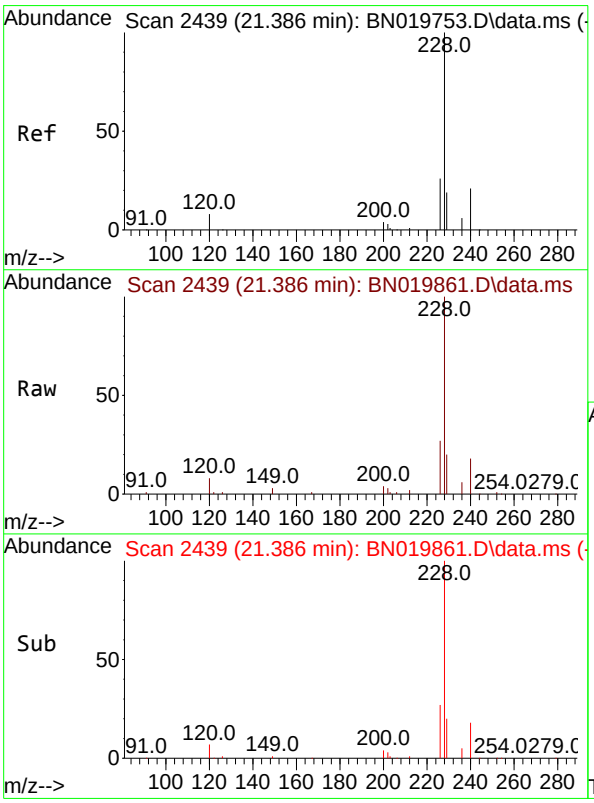
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 12276

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	0.0	0.0	0.0

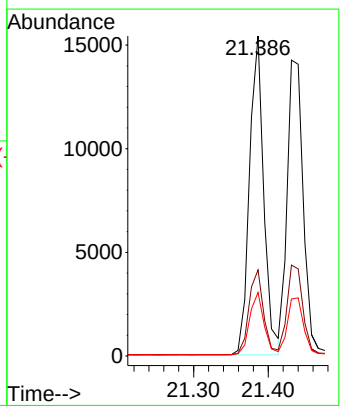


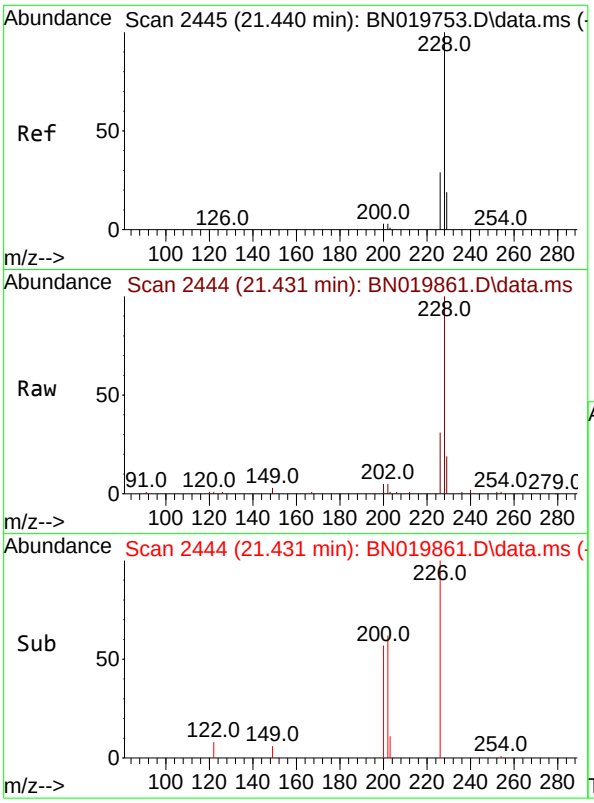


#32
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.386 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:228 Resp: 20530

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.9	15.6	23.4



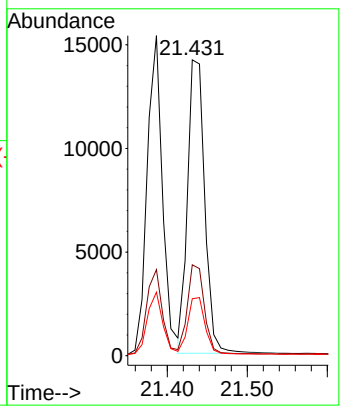


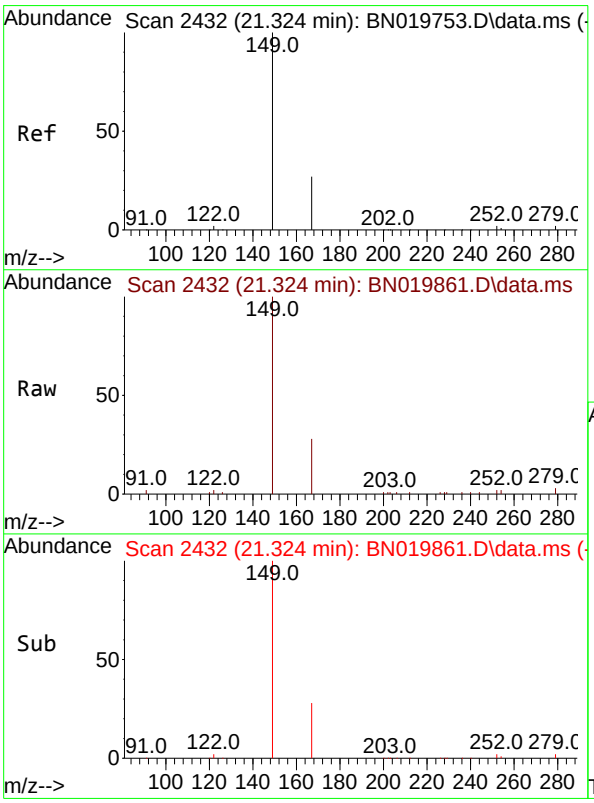
#33
Chrysene
Concen: 0.369 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 21247

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.3	15.7	23.5

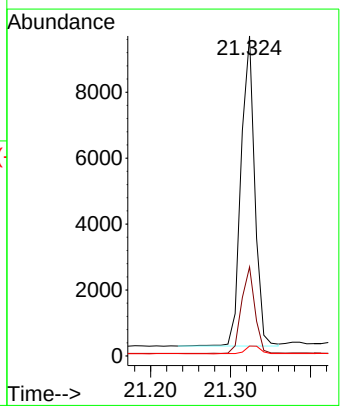


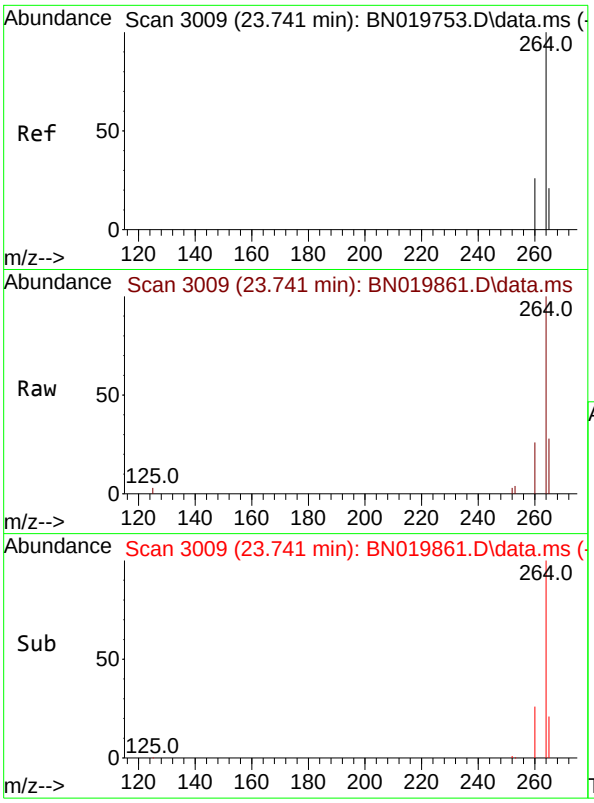


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.523 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:149 Resp: 11197

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.0	2.2	3.2



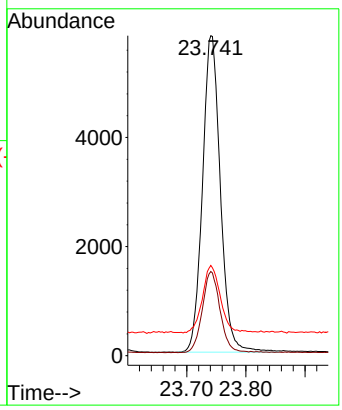


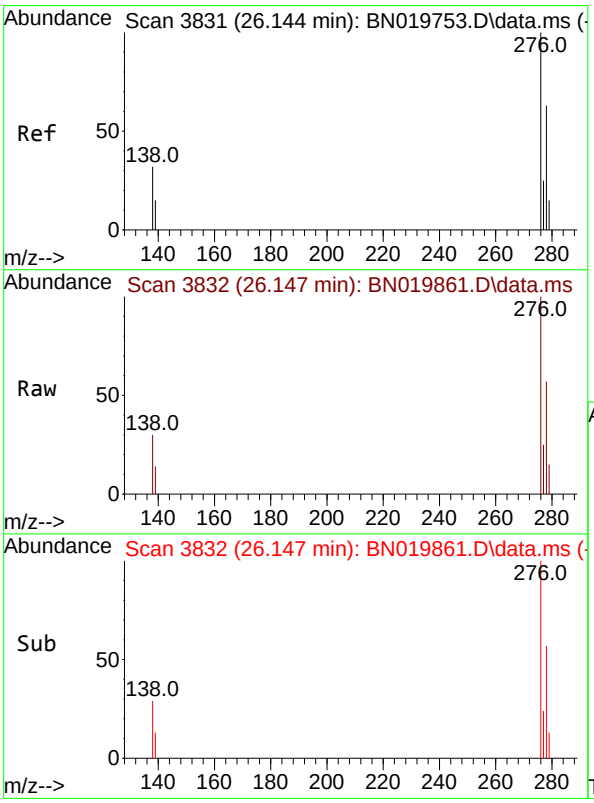
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 12200

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	28.2	28.0	42.0

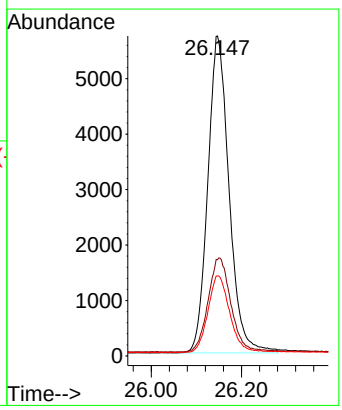


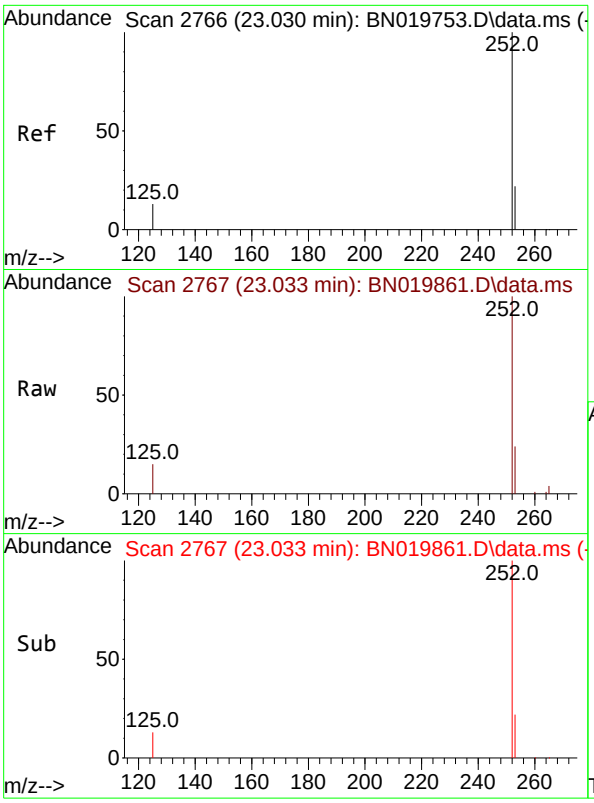


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.328 ng
RT: 26.147 min Scan# 3832
Delta R.T. 0.003 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:276 Resp: 18731

Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.9	38.9
277	25.0	19.8	29.8



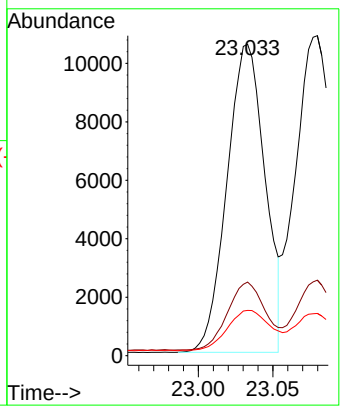


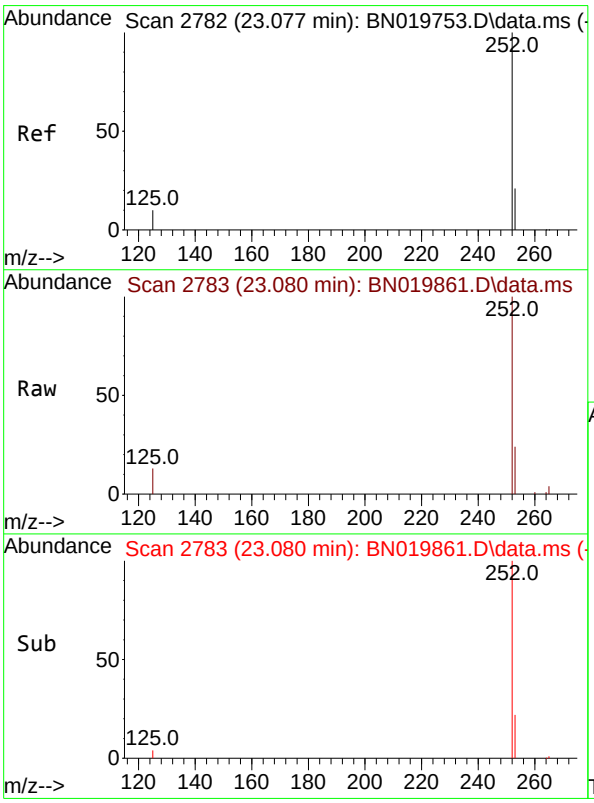
#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 23.033 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18706

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.5	27.7
125	14.6	11.4	17.0

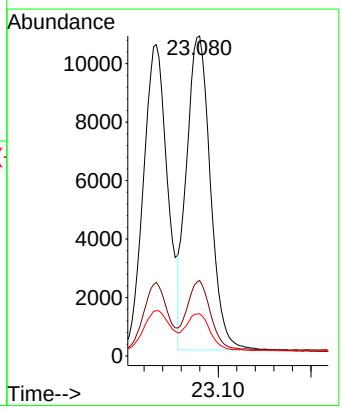


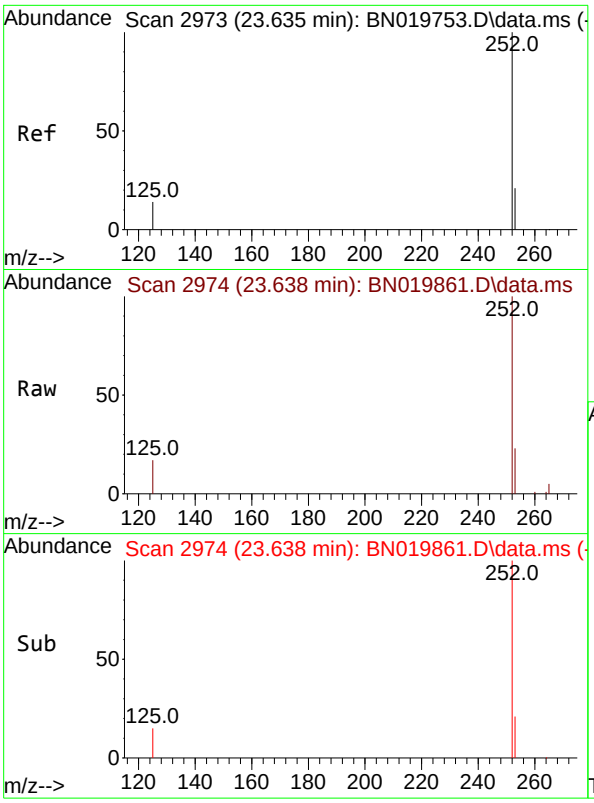


#38
Benzo(k)fluoranthene
Concen: 0.339 ng
RT: 23.080 min Scan# 2783
Delta R.T. 0.003 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:252 Resp: 19171

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	13.2	11.0	16.4



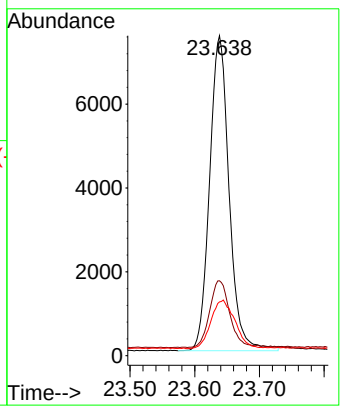


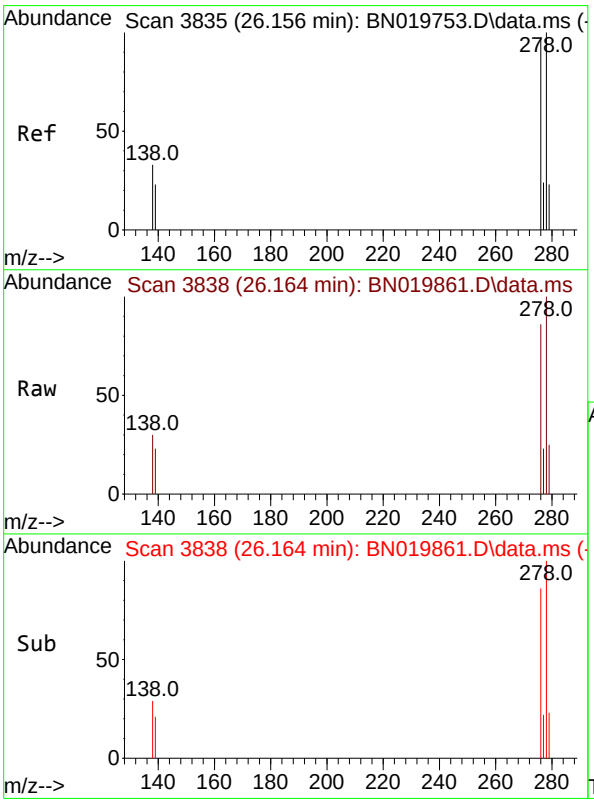
#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 23.638 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15725

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.4
125	16.8	13.8	20.8

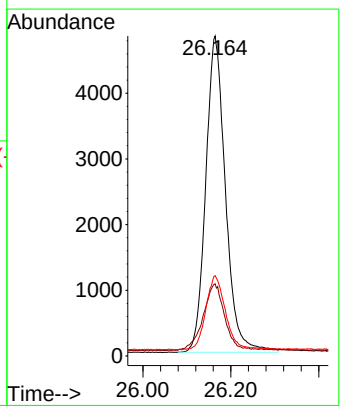


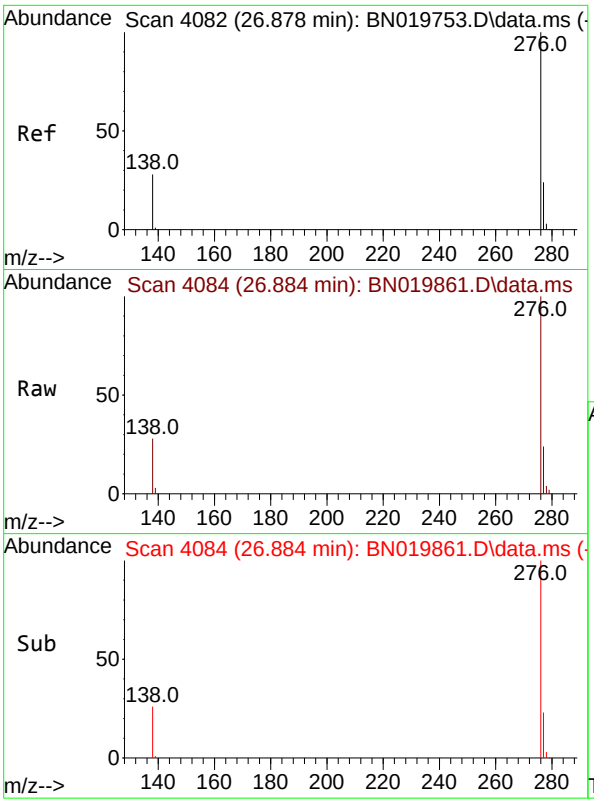


#40
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 26.164 min Scan# 3838
Delta R.T. 0.003 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Tgt Ion:278 Resp: 15037

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	25.1	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.320 ng
RT: 26.884 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN019861.D
Acq: 19 May 2022 18:40

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15169

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	27.8	22.6	34.0