Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052722\
Data File : BN019991.D
Acq On : 27 May 2022 17:19
Operator : CG/JU
Sample : PB145157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Quant Time: May 28 04:37:49 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	4225	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	14225	0.400	ng		0.00
13) Acenaphthene-d10	14.463	164	8387	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	16401	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	10094	0.400	ng		0.00
35) Perylene-d12	23.744	264	8027	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4821	0.456	ng		0.00
5) Phenol-d6	7.017	99	5951	0.449	ng		0.00
8) Nitrobenzene-d5	8.993	82	4460	0.415	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	10422	0.421	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	922	0.278	ng		0.01
15) 2-Fluorobiphenyl	13.095	172	15303	0.418	ng		0.00
27) Fluoranthene-d10	19.240	212	17198	0.369	ng		0.00
31) Terphenyl-d14	19.839	244	11932	0.501	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1870	0.373	ng		98
3) n-Nitrosodimethylamine	3.673	42	2218	0.404	ng	#	99
6) bis(2-Chloroethyl)ether	7.277	93	5167	0.401	ng		99
9) Naphthalene	10.690	128	17858	0.413	ng		99
10) Hexachlorobutadiene	10.989	225	3247	0.413	ng	#	99
12) 2-Methylnaphthalene	12.299	142	12280	0.417	ng		99
16) Acenaphthylene	14.185	152	16955	0.431	ng		99
17) Acenaphthene	14.527	154	11578	0.398	ng		96
18) Fluorene	15.511	166	14526	0.395	ng		100
20) 4,6-Dinitro-2-methylph...	15.607	198	226	0.096	ng	#	46
21) 4-Bromophenyl-phenylether	16.405	248	4389	0.438	ng		93
22) Hexachlorobenzene	16.528	284	5083	0.458	ng		99
23) Atrazine	16.672	200	2602	0.398	ng		98
24) Pentachlorophenol	16.877	266	767	0.179	ng		96
25) Phenanthrene	17.246	178	23435	0.413	ng		100
26) Anthracene	17.338	178	19035	0.396	ng		100
28) Fluoranthene	19.274	202	22007	0.362	ng		100
30) Pyrene	19.632	202	21469	0.501	ng		100
32) Benzo(a)anthracene	21.387	228	15003	0.408	ng		99
33) Chrysene	21.431	228	16898	0.410	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	7223	0.471	ng		99
36) Indeno(1,2,3-cd)pyrene	26.147	276	14586	0.388	ng		99
37) Benzo(b)fluoranthene	23.030	252	14130	0.403	ng		99
38) Benzo(k)fluoranthene	23.077	252	14317	0.385	ng		98
39) Benzo(a)pyrene	23.638	252	11383	0.413	ng		99
40) Dibenzo(a,h)anthracene	26.164	278	11376	0.375	ng		98
41) Benzo(g,h,i)perylene	26.887	276	12758	0.409	ng		100

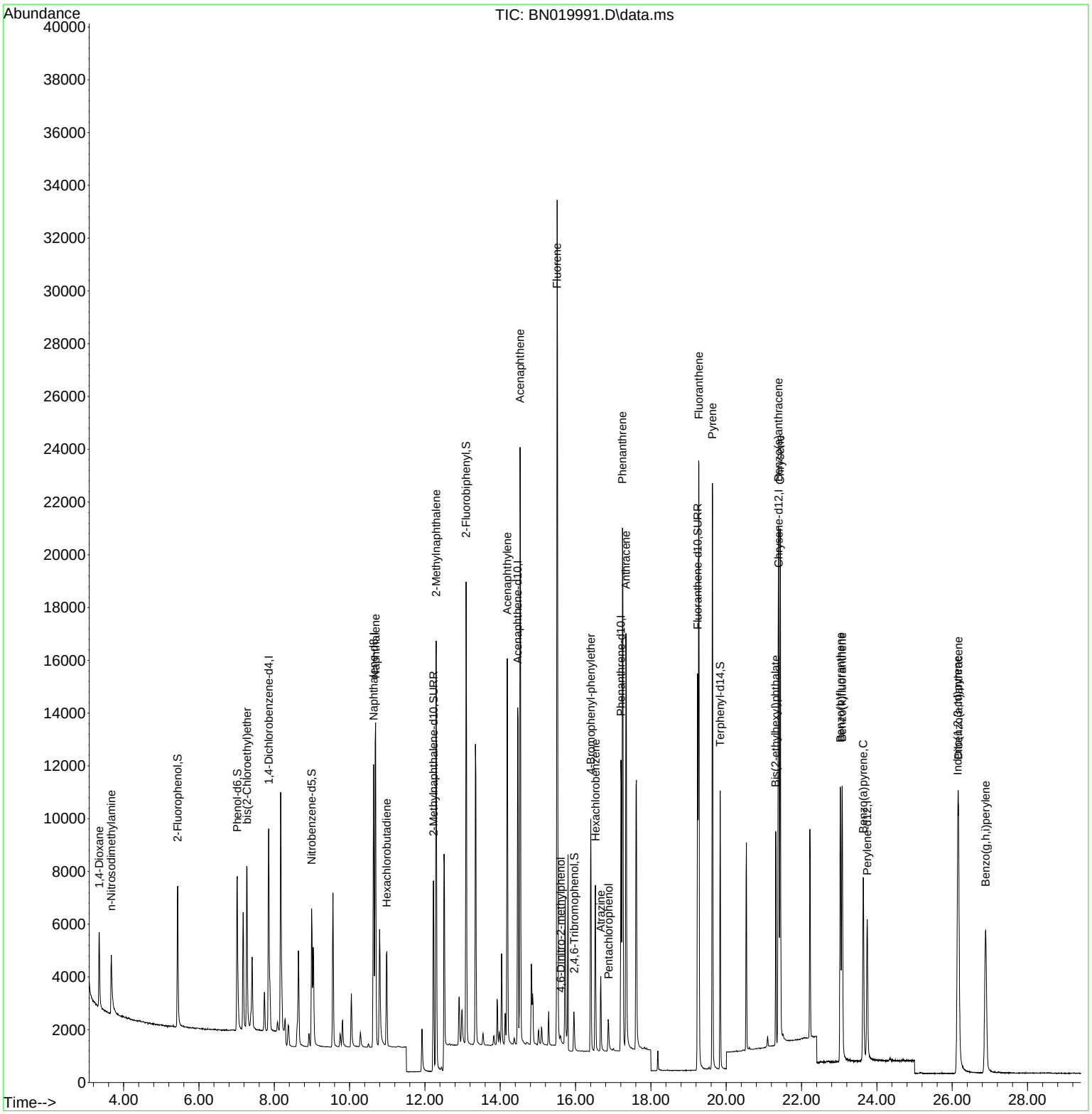
(#) = qualifier out of range (m) = manual integration (+) = signals summed

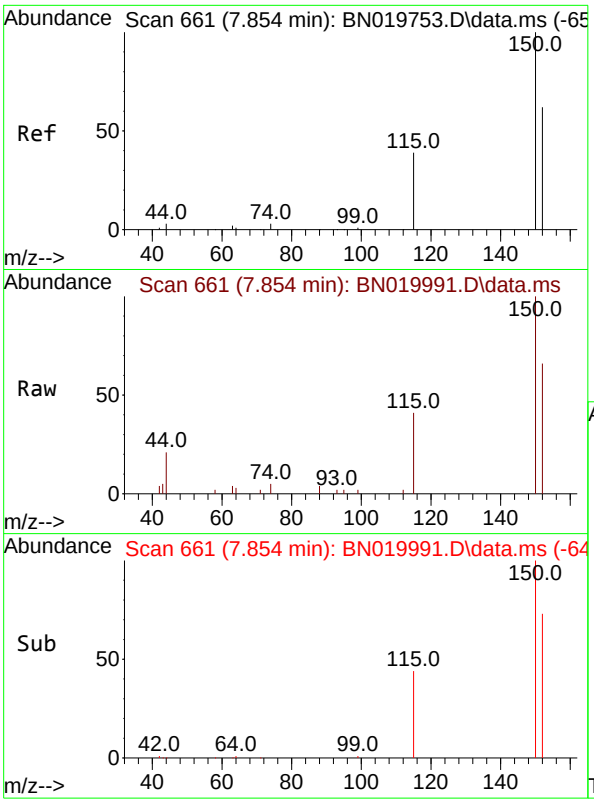
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052722\
Data File : BN019991.D
Acq On : 27 May 2022 17:19
Operator : CG/JU
Sample : PB145157BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Quant Time: May 28 04:37:49 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



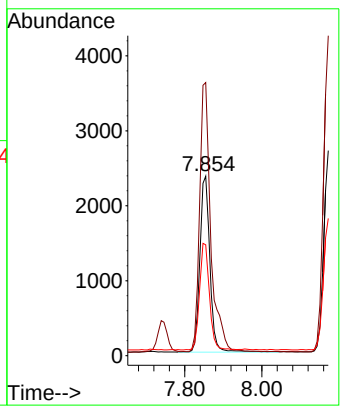


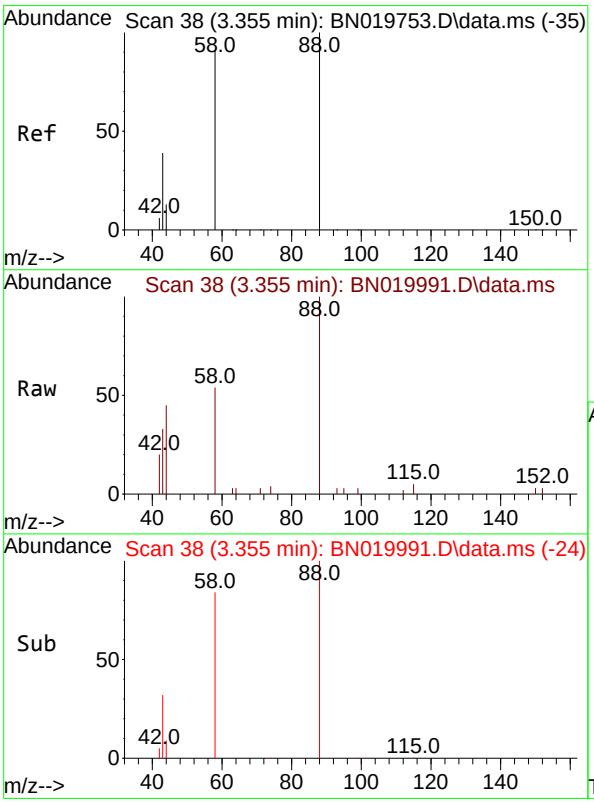
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:152 Resp: 4225

Ion	Ratio	Lower	Upper
152	100		
150	152.1	127.9	191.9
115	61.8	51.4	77.2

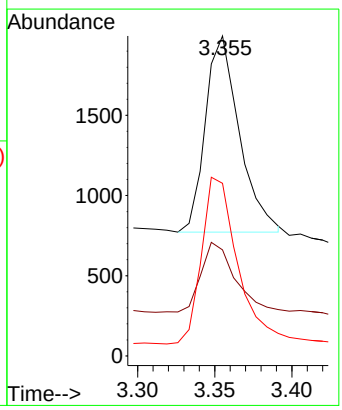


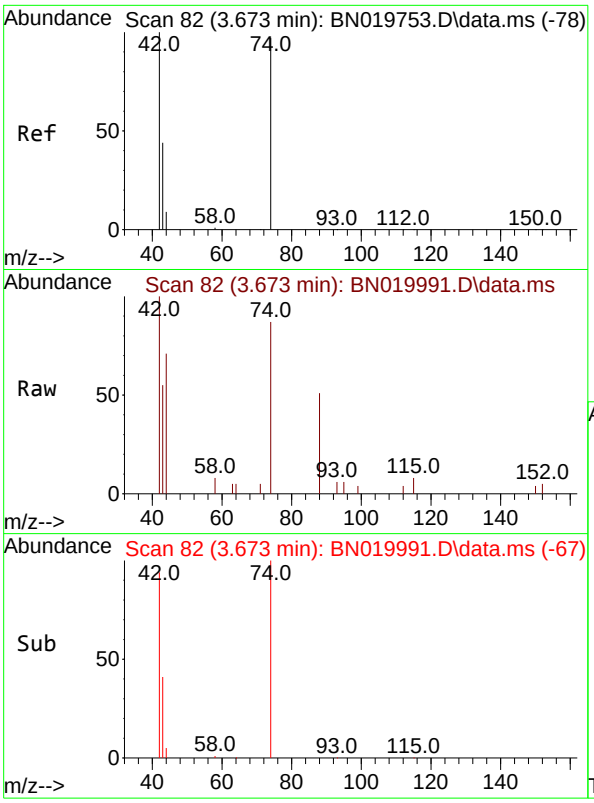


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion: 88 Resp: 1870

Ion	Ratio	Lower	Upper
88	100		
43	35.9	30.2	45.2
58	90.1	73.0	109.6



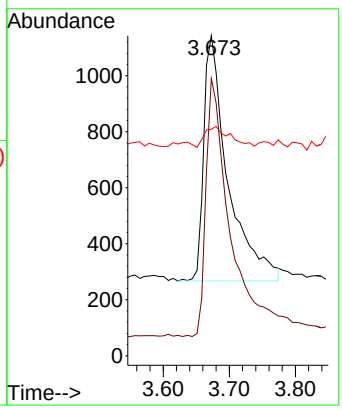


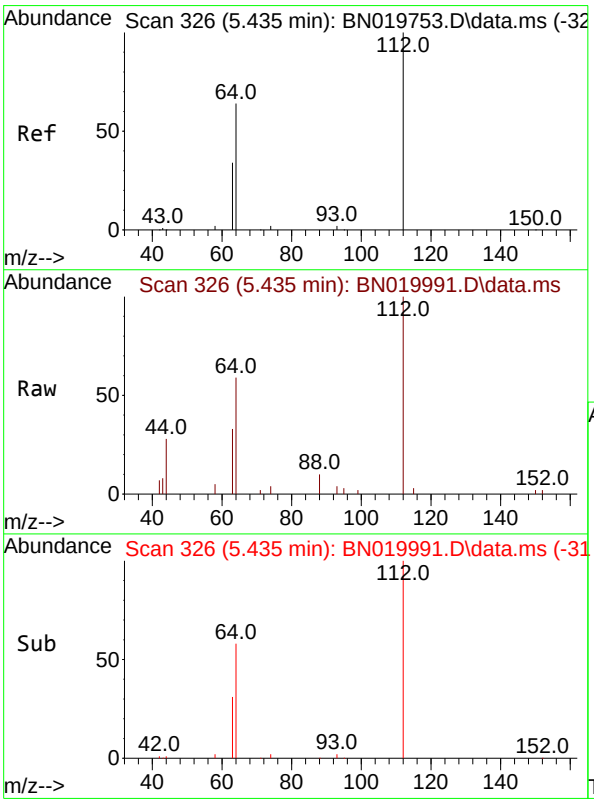
#3
n-Nitrosodimethylamine
Concen: 0.404 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.007 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion: 42 Resp: 2218

Ion	Ratio	Lower	Upper
42	100		
74	105.5	84.0	126.0
44	8.9	9.8	14.8#

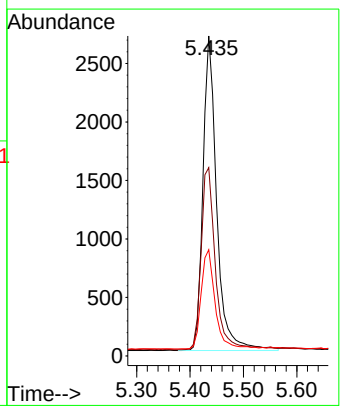


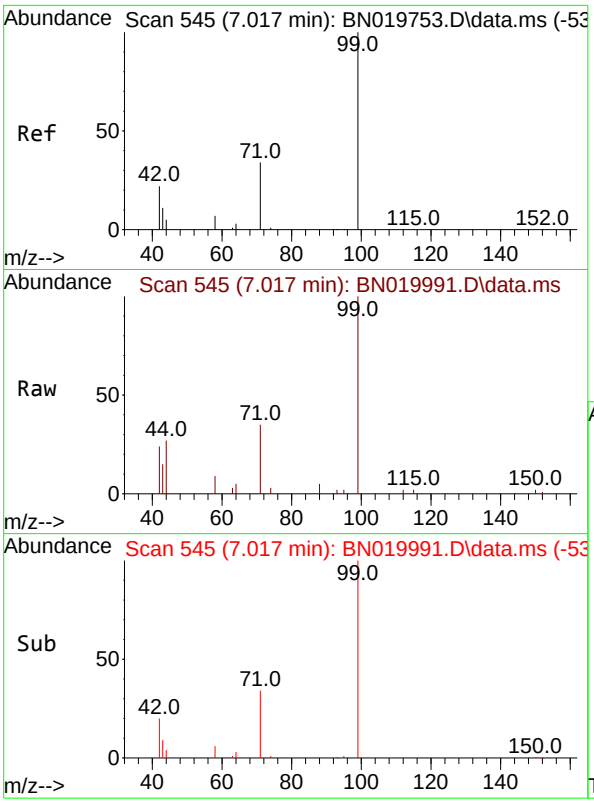


#4
2-Fluorophenol
Concen: 0.456 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:112 Resp: 4821

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.1	73.7
63	32.1	26.3	39.5



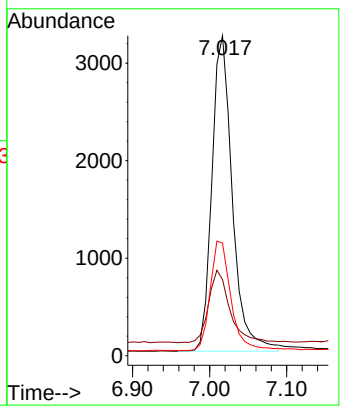


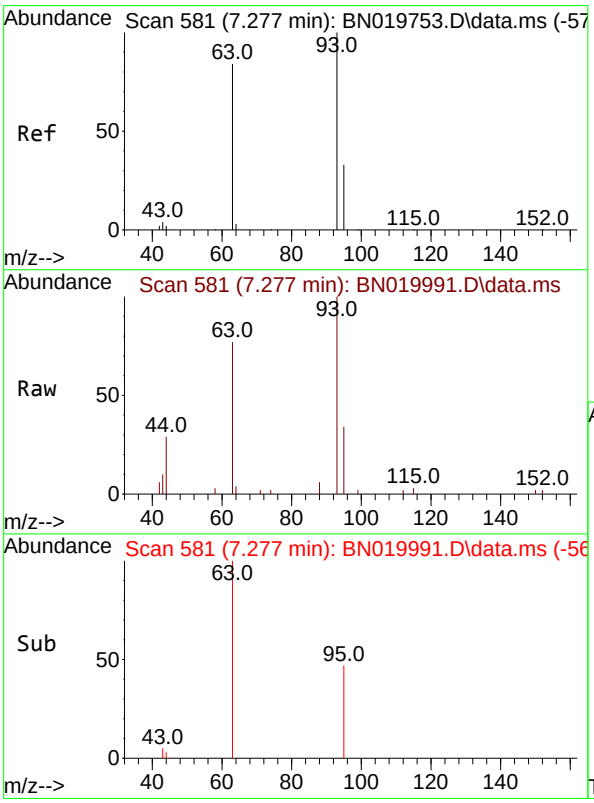
#5
Phenol-d6
Concen: 0.449 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion: 99 Resp: 5951

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.3	28.9
71	35.2	27.5	41.3

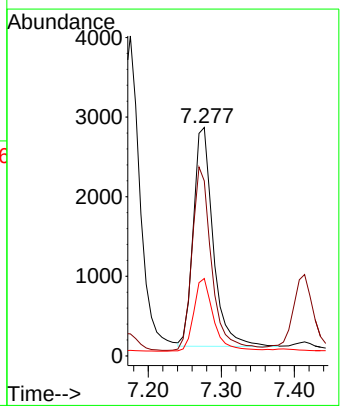


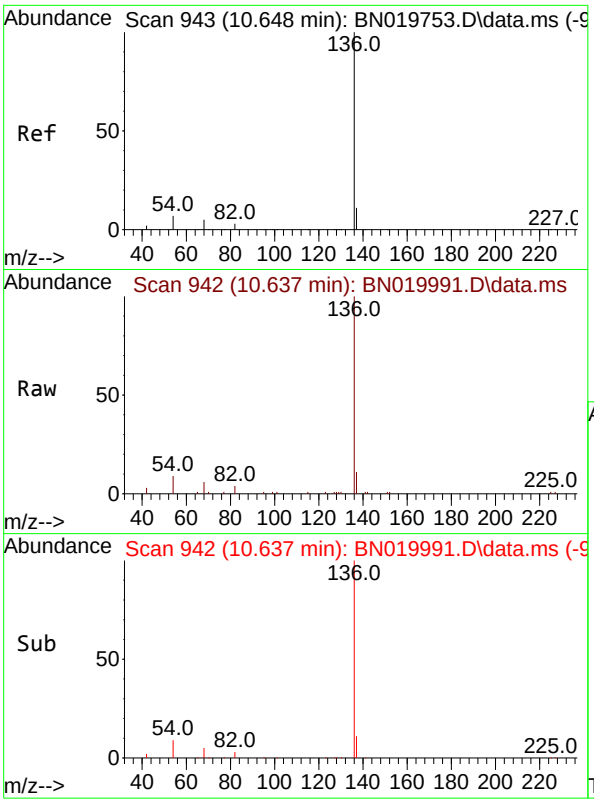


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.277 min Scan# 581
Delta R.T. 0.007 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion: 93 Resp: 5167

Ion	Ratio	Lower	Upper
93	100		
63	82.9	67.4	101.0
95	33.3	26.5	39.7



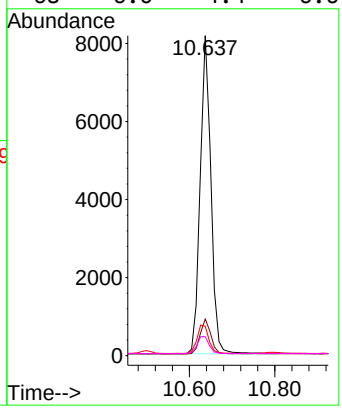


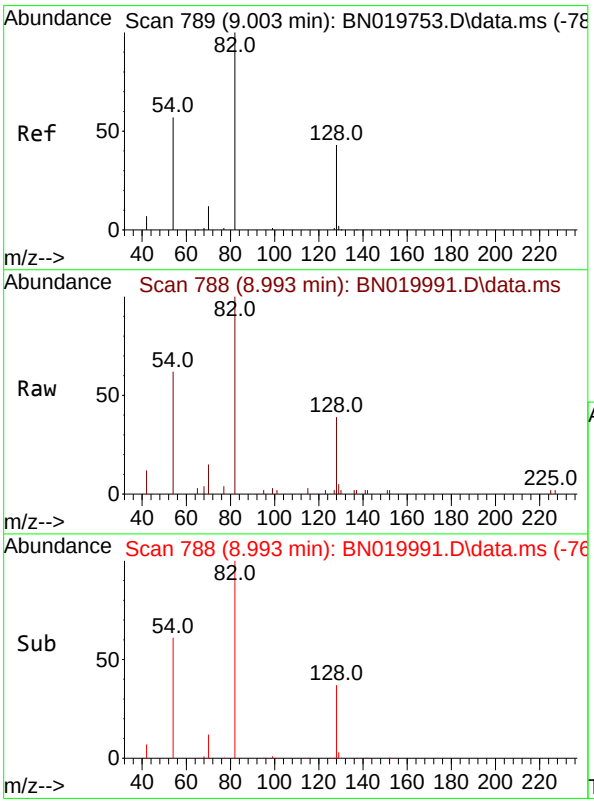
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:136 Resp: 14225

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.2	6.2	9.2
68	6.0	4.4	6.6

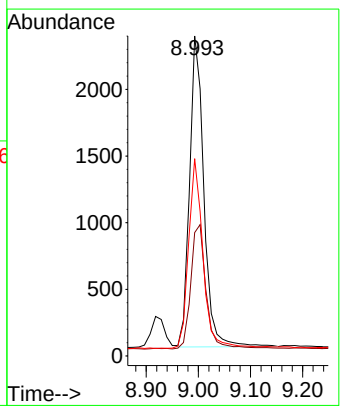


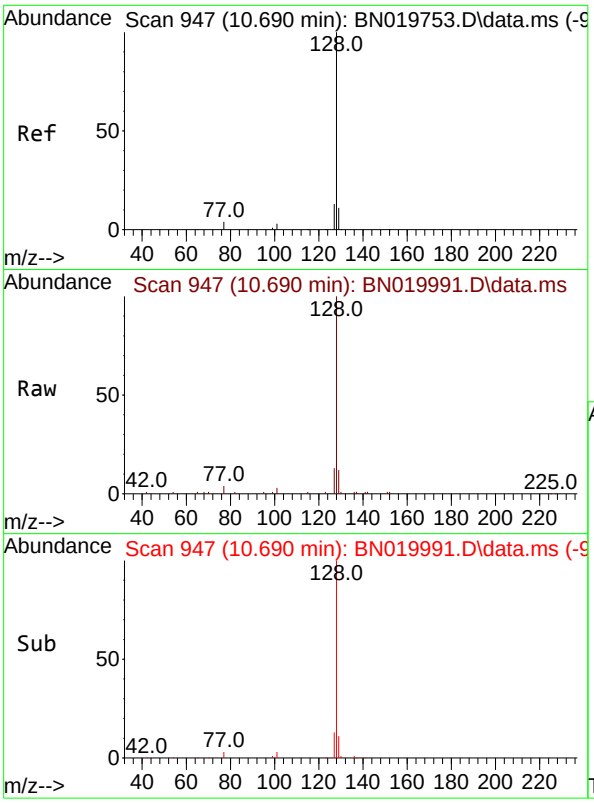


#8
Nitrobenzene-d5
Concen: 0.415 ng
RT: 8.993 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion: 82 Resp: 4460

Ion	Ratio	Lower	Upper
82	100		
128	38.6	35.0	52.6
54	61.6	46.2	69.4



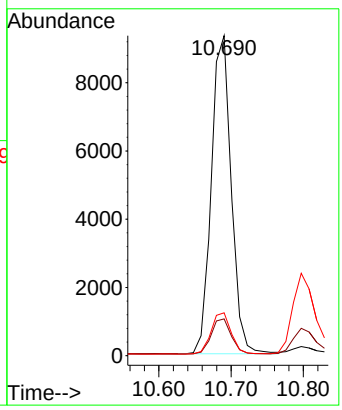


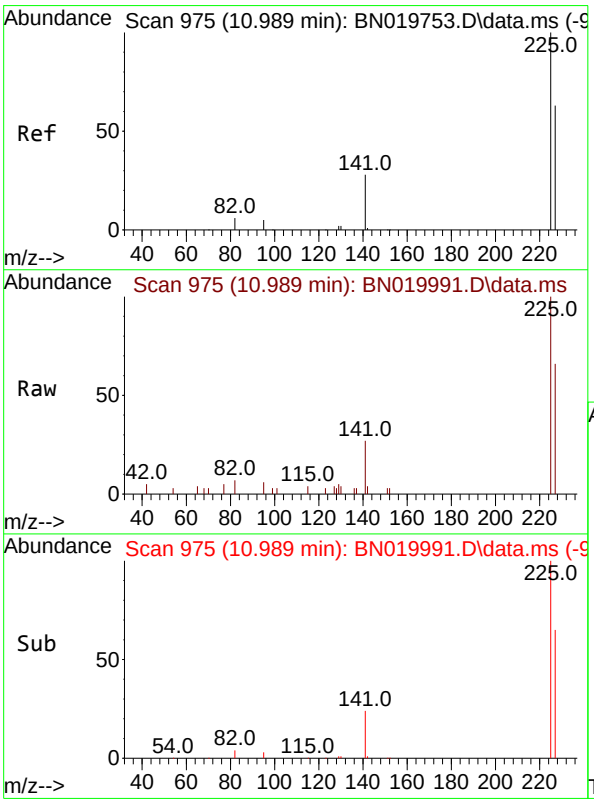
#9
Naphthalene
Concen: 0.413 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:128 Resp: 17858

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.4	10.8	16.2

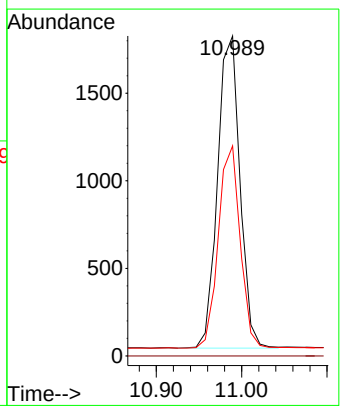


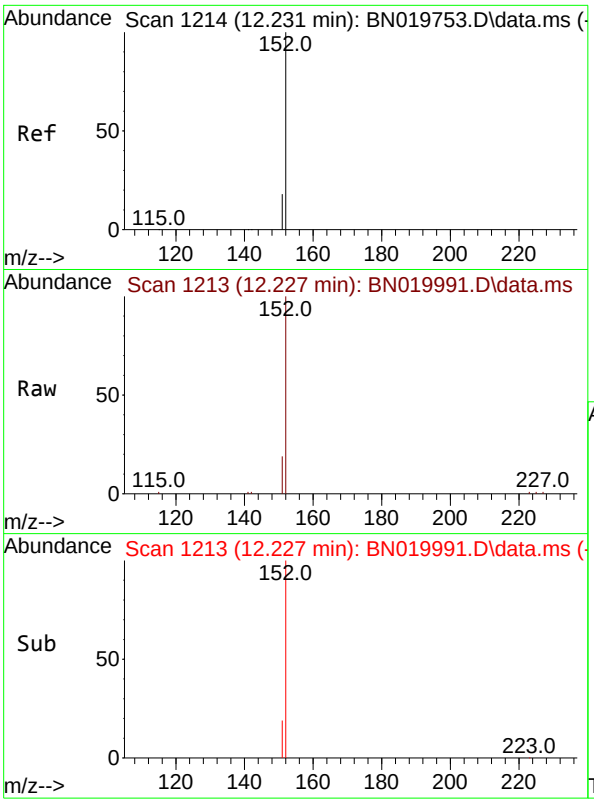


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:225 Resp: 3247

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



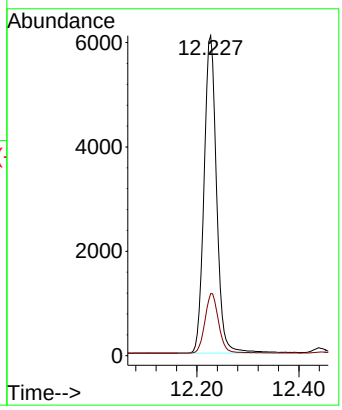


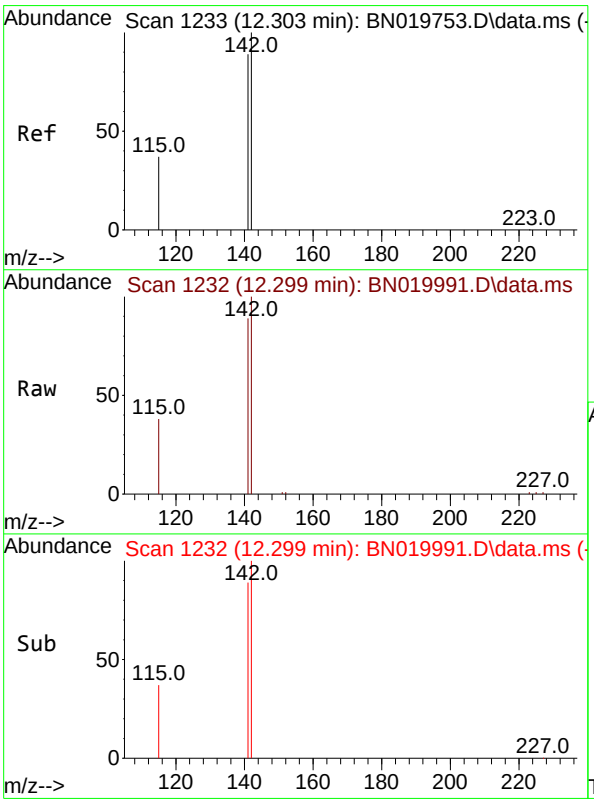
#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.227 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:152 Resp: 10422

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

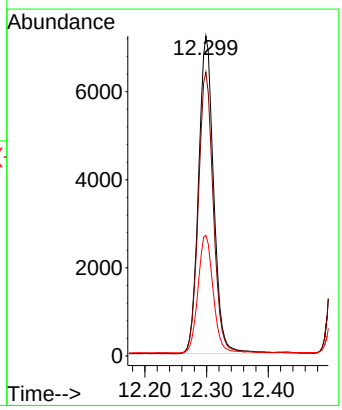


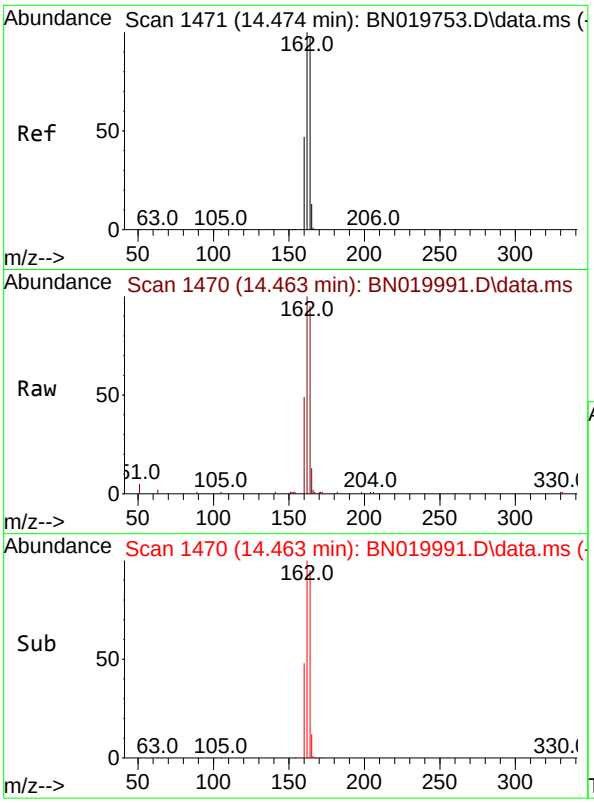


#12
2-Methylnaphthalene
Concen: 0.417 ng
RT: 12.299 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:142 Resp: 12280

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	37.7	29.8	44.8



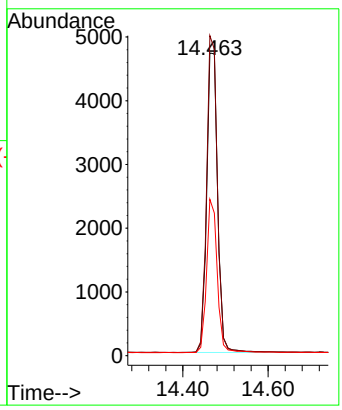


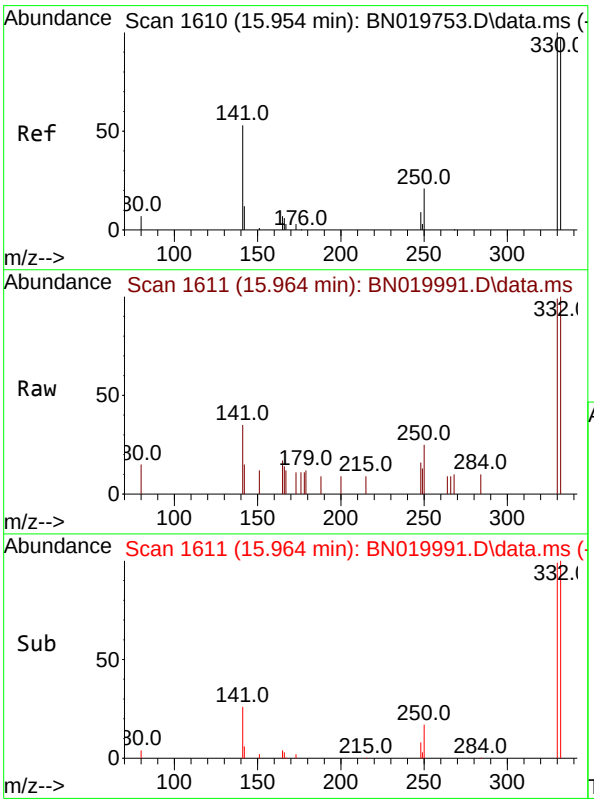
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:164 Resp: 8387

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.1	123.1
160	51.6	38.6	58.0

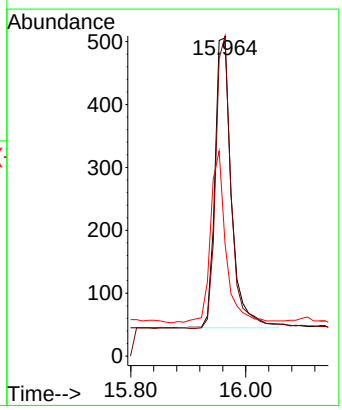


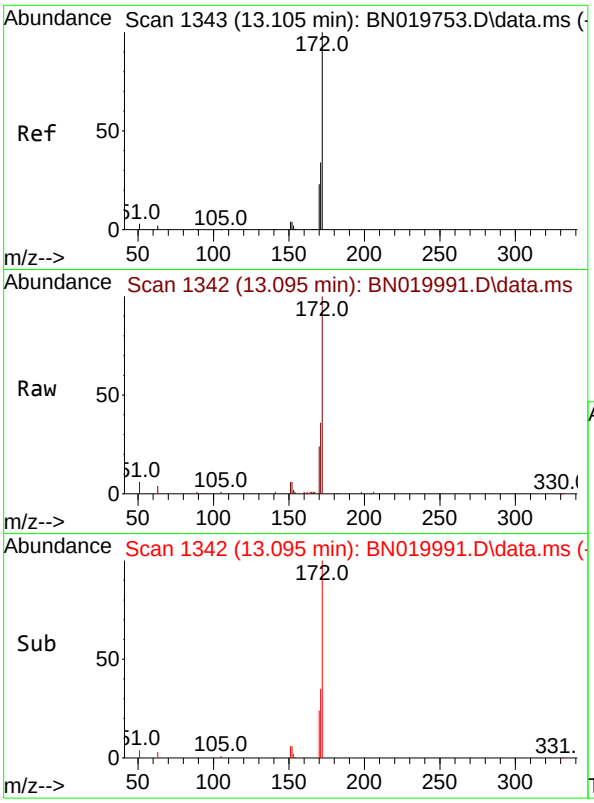


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.010 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:330 Resp: 922

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	55.4	41.0	61.4



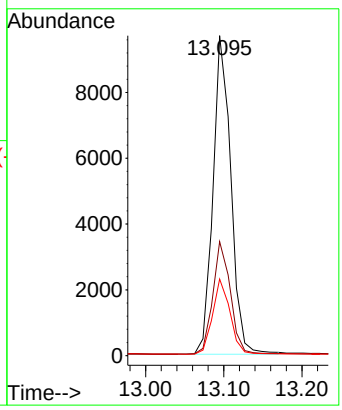


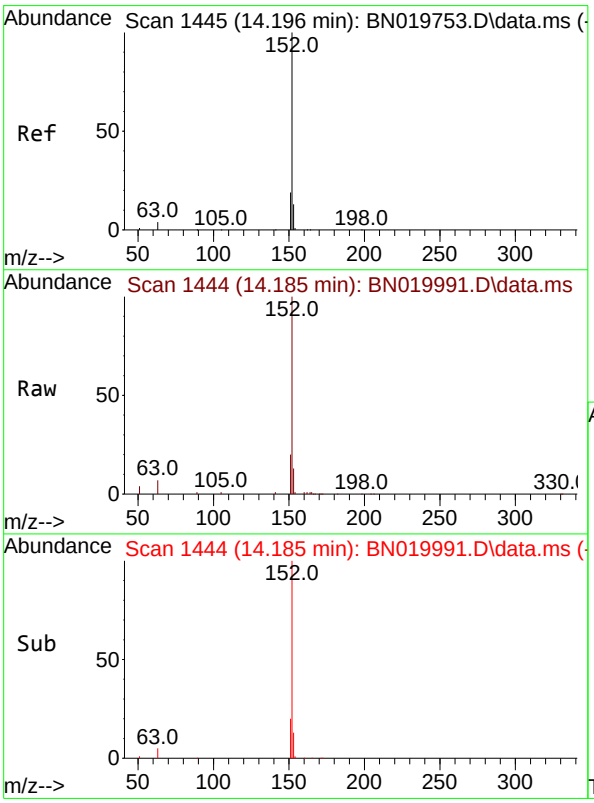
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:172 Resp: 15303

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.2	40.8
170	23.9	18.2	27.4

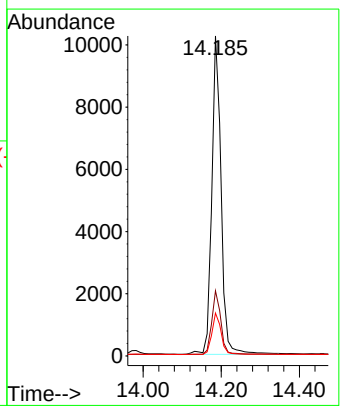


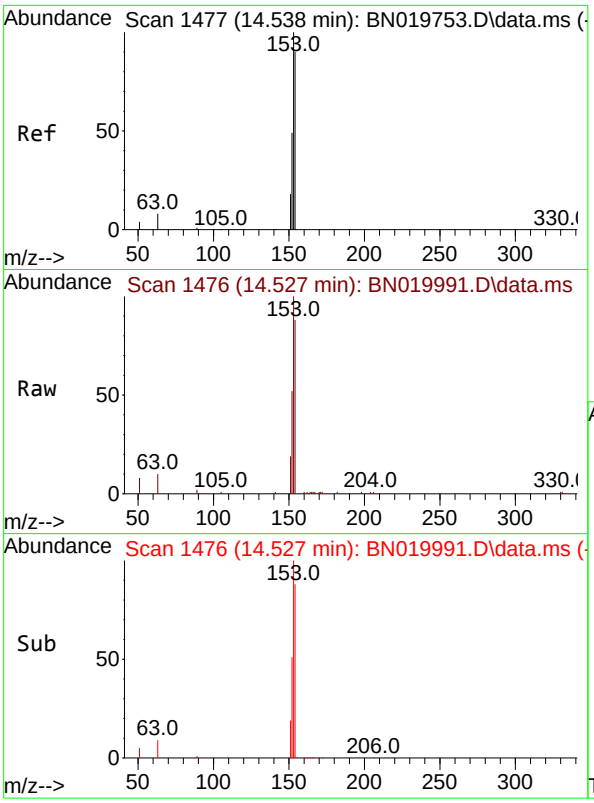


#16
Acenaphthylene
Concen: 0.431 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:152 Resp: 16955

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	13.1	10.7	16.1



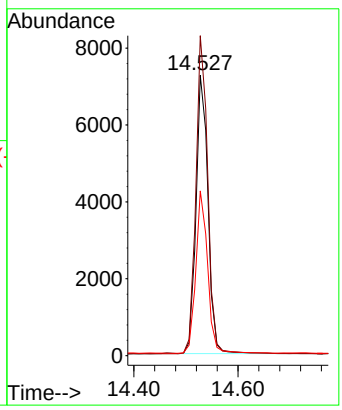


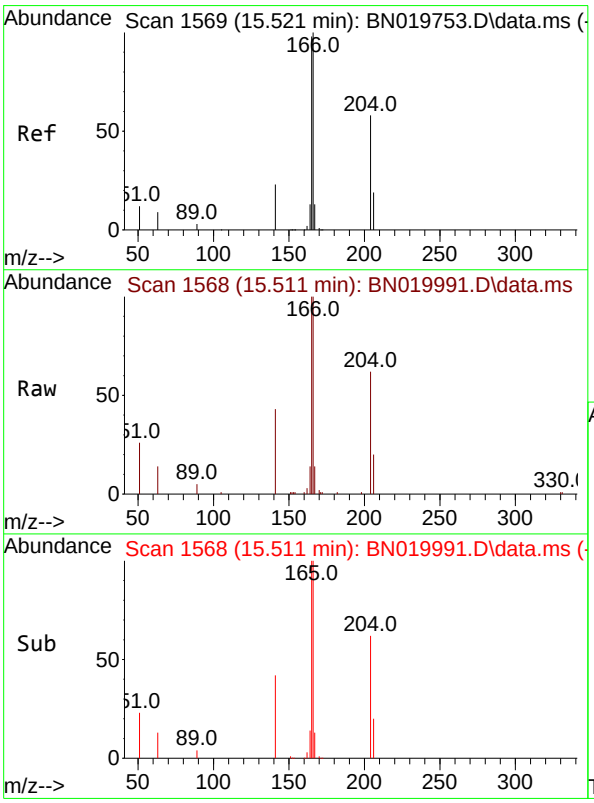
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:154 Resp: 11578

Ion	Ratio	Lower	Upper
154	100		
153	113.7	87.5	131.3
152	57.8	43.8	65.6

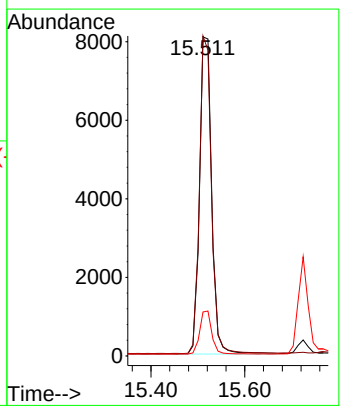


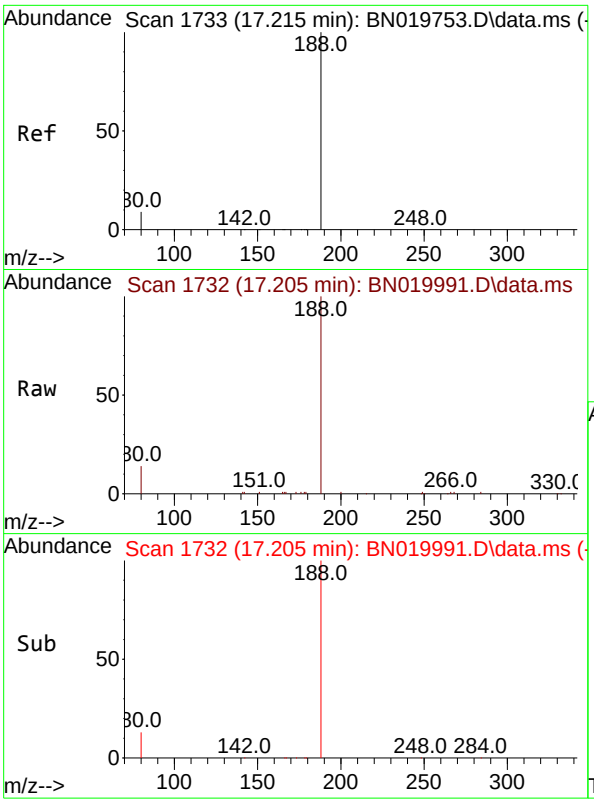


#18
Fluorene
Concen: 0.395 ng
RT: 15.511 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:166 Resp: 14526

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	13.5	10.8	16.2





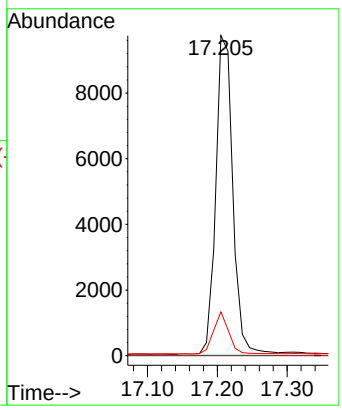
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1

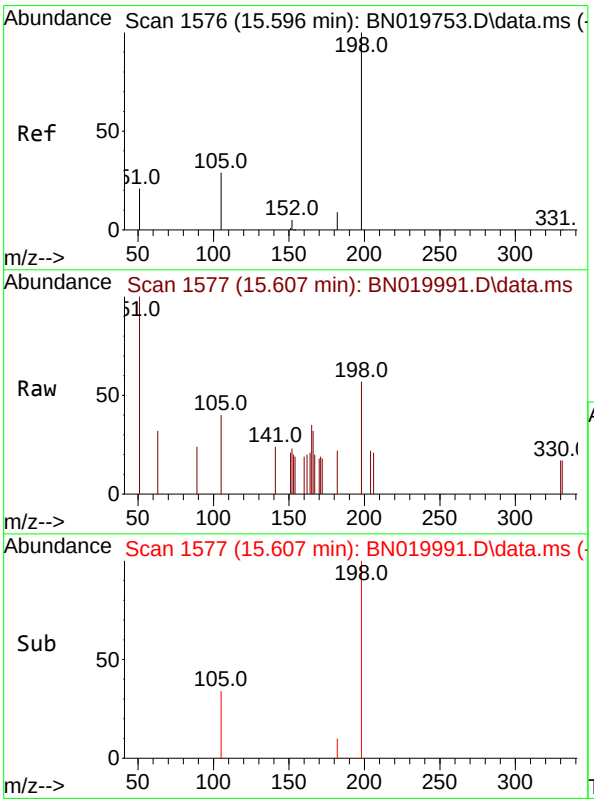
Instrument :
BNA_N
ClientSampleId :
PB145157BS

Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:188 Resp: 16401

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	7.4	11.2#

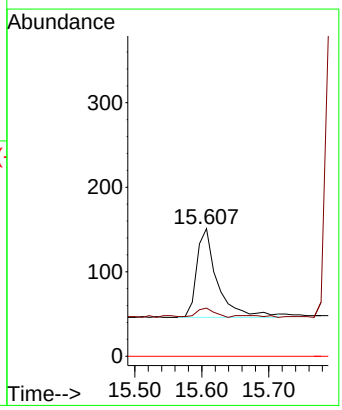


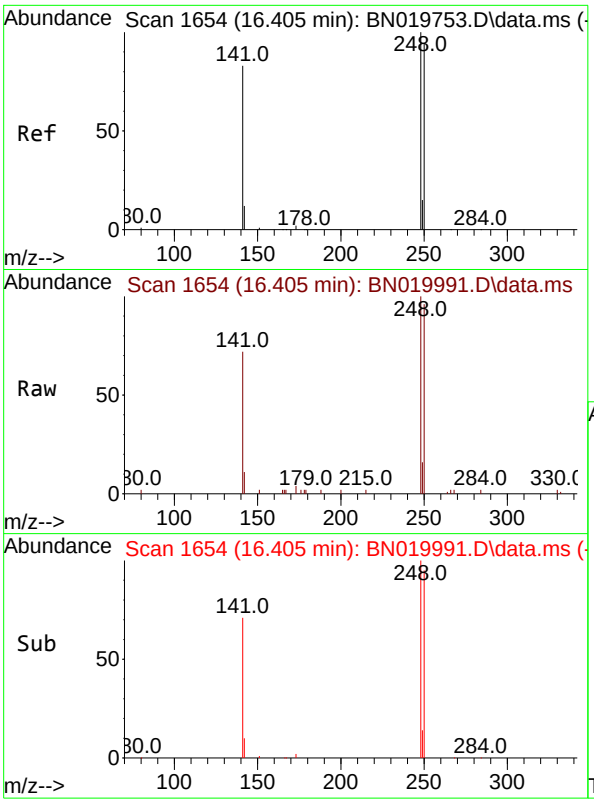


#20
4,6-Dinitro-2-methylphenol
Concen: 0.096 ng
RT: 15.607 min Scan# 1577
Delta R.T. 0.011 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:198 Resp: 226

Ion	Ratio	Lower	Upper
198	100		
182	37.7	12.1	18.1#
77	0.0	0.0	0.0



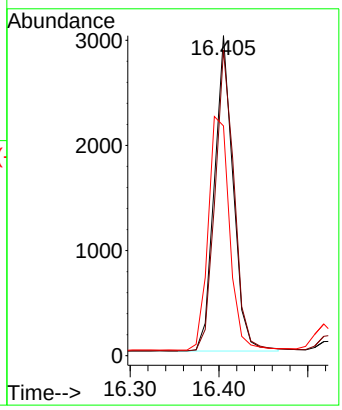


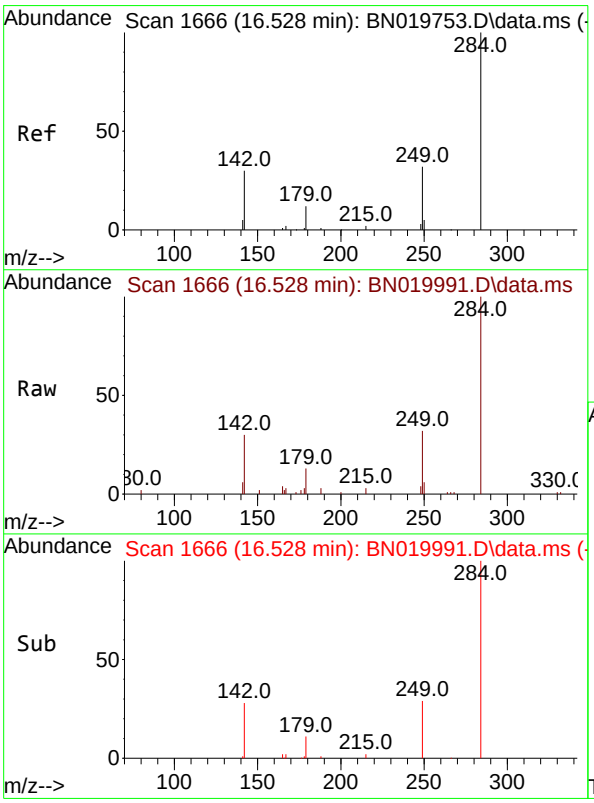
#21
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:248 Resp: 4389

Ion	Ratio	Lower	Upper
248	100		
250	95.5	75.3	112.9
141	71.8	67.3	100.9

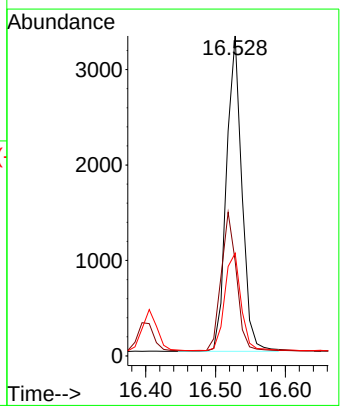


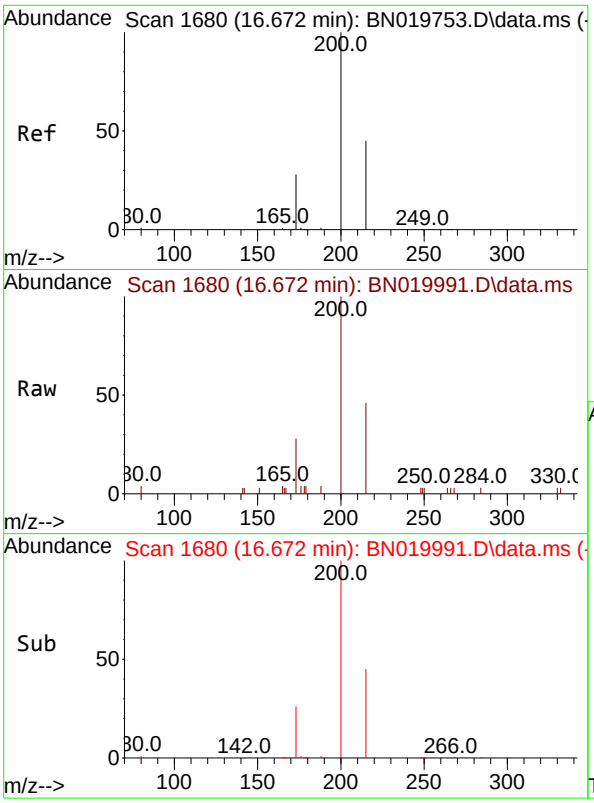


#22
Hexachlorobenzene
Concen: 0.458 ng
RT: 16.528 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:284 Resp: 5083

Ion	Ratio	Lower	Upper
284	100		
142	43.5	35.2	52.8
249	32.7	26.6	40.0



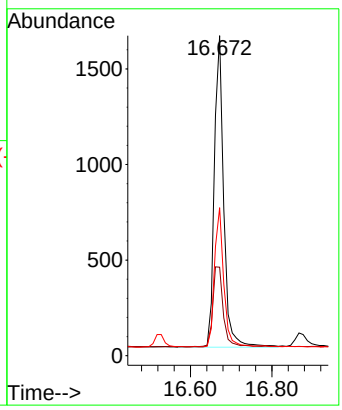


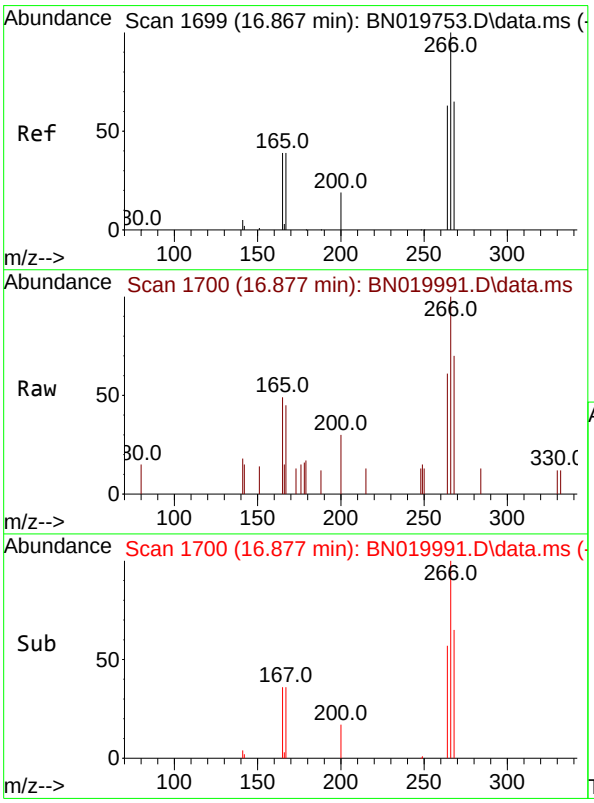
#23
Atrazine
Concen: 0.398 ng
RT: 16.672 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:200 Resp: 2602

Ion	Ratio	Lower	Upper
200	100		
173	27.7	23.6	35.4
215	46.2	36.6	54.8

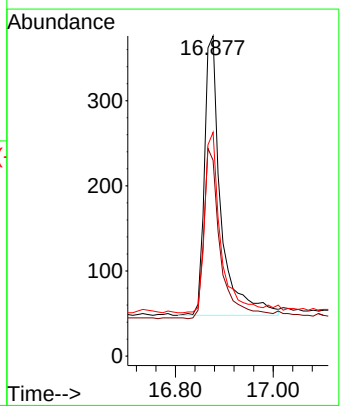


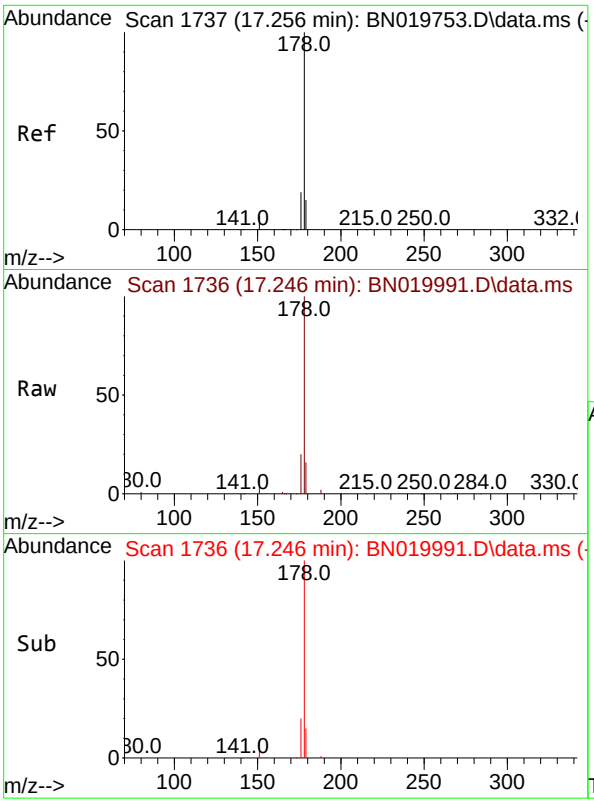


#24
Pentachlorophenol
Concen: 0.179 ng
RT: 16.877 min Scan# 1700
Delta R.T. 0.010 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:266 Resp: 767

Ion	Ratio	Lower	Upper
266	100		
264	61.9	51.3	76.9
268	62.1	52.6	79.0



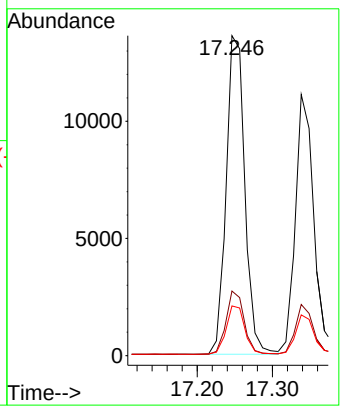


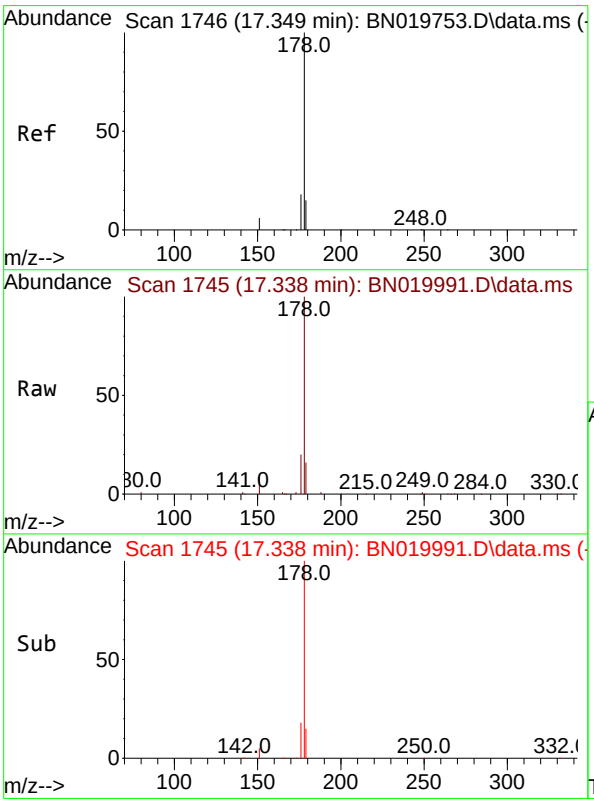
#25
Phenanthrene
Concen: 0.413 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:178 Resp: 23435

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.2	18.4

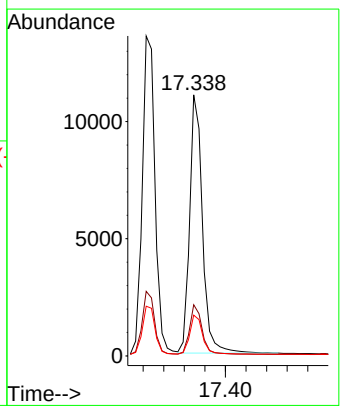


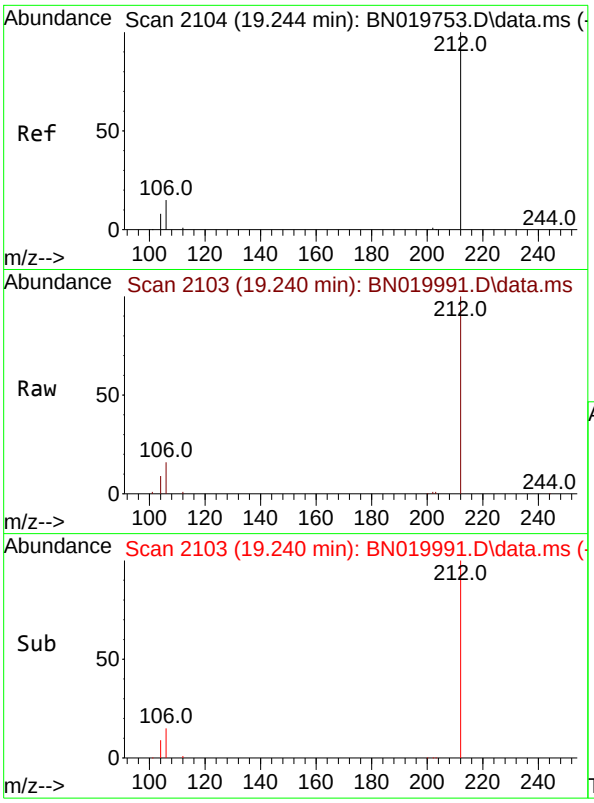


#26
Anthracene
Concen: 0.396 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:178 Resp: 19035

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.2	18.4



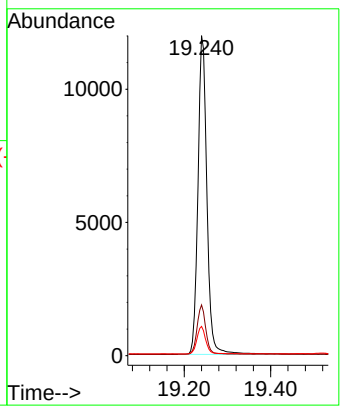


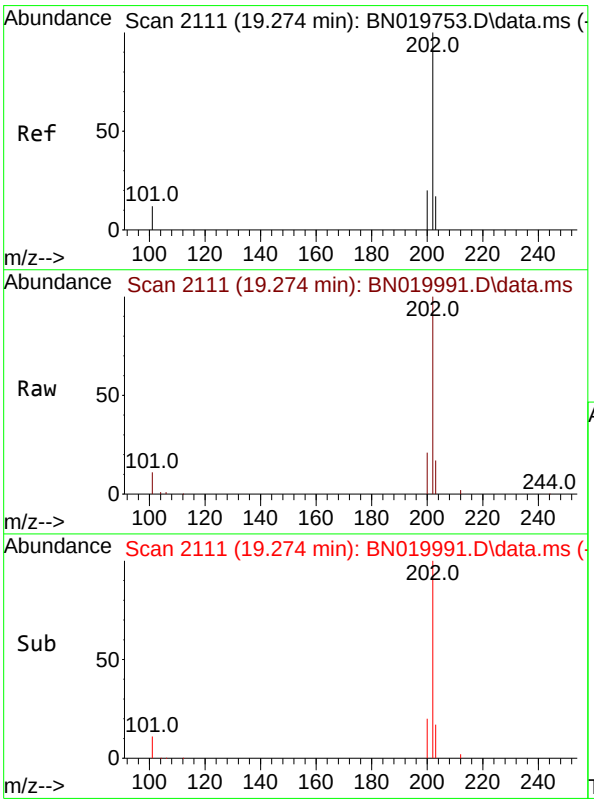
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:212 Resp: 17198

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.6	19.0
104	8.5	7.2	10.8

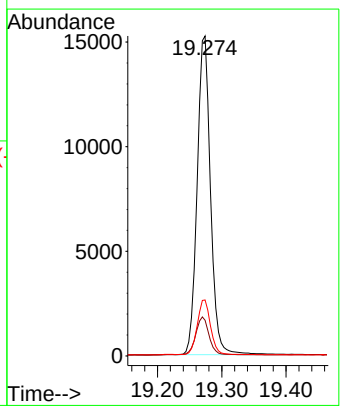


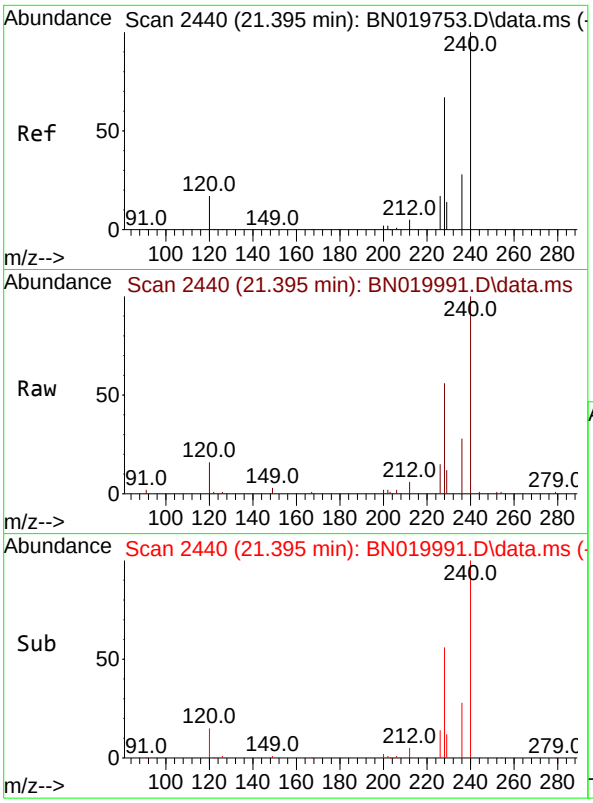


#28
Fluoranthene
Concen: 0.362 ng
RT: 19.274 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:202 Resp: 22007

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



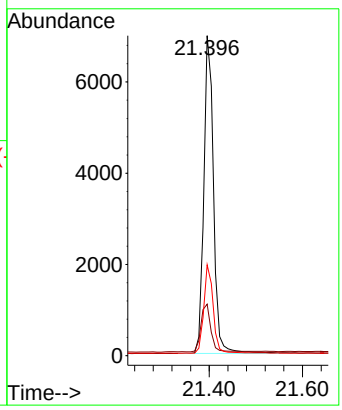


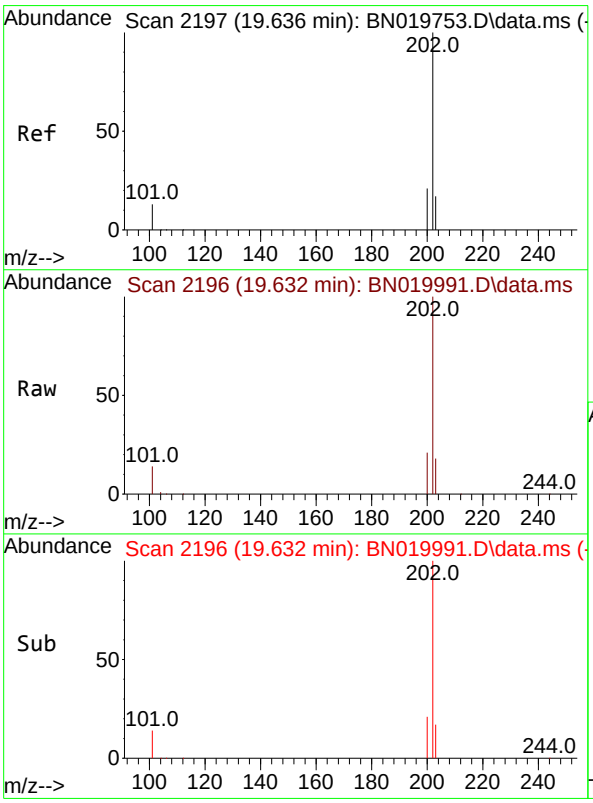
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:240 Resp: 10094

Ion	Ratio	Lower	Upper
240	100		
120	16.1	14.6	21.8
236	28.4	22.6	33.8

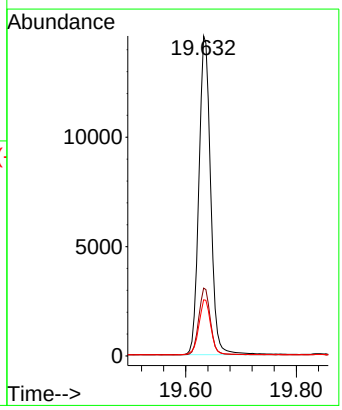


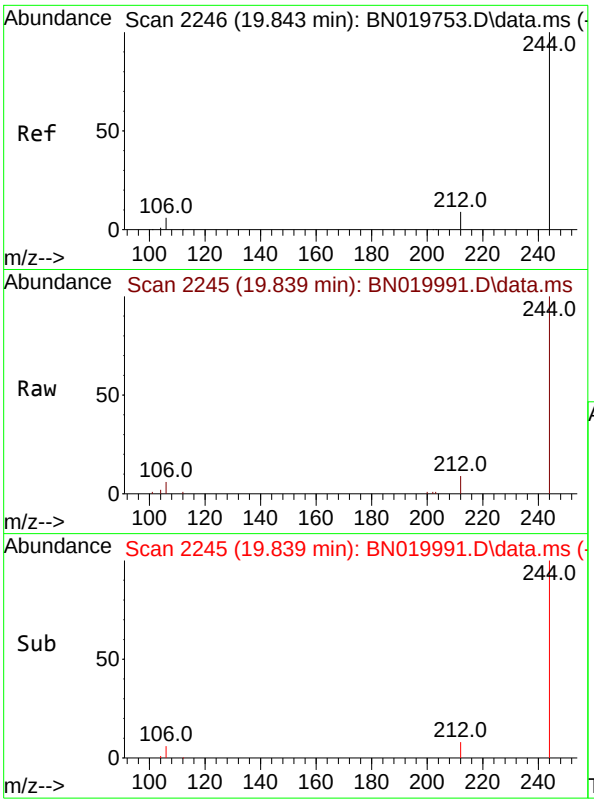


#30
Pyrene
Concen: 0.501 ng
RT: 19.632 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:202 Resp: 21469

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.6	14.2	21.2



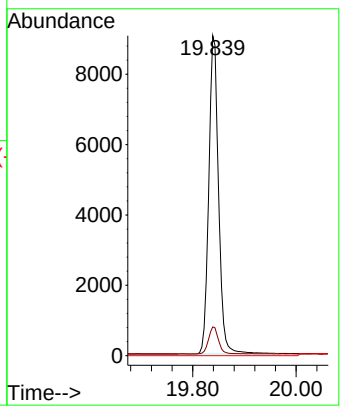


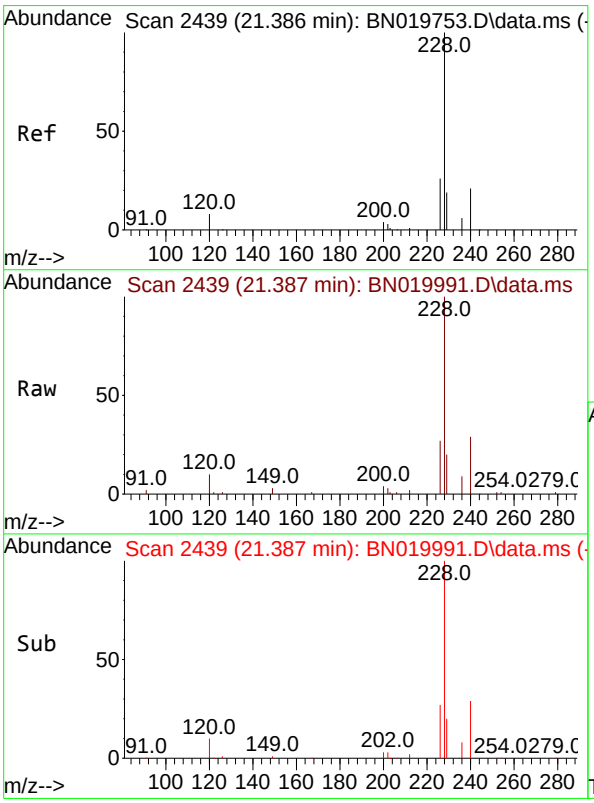
#31
Terphenyl-d14
Concen: 0.501 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:244 Resp: 11932

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

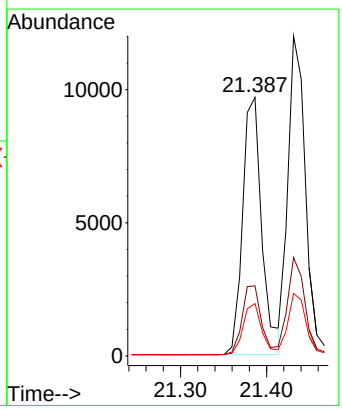


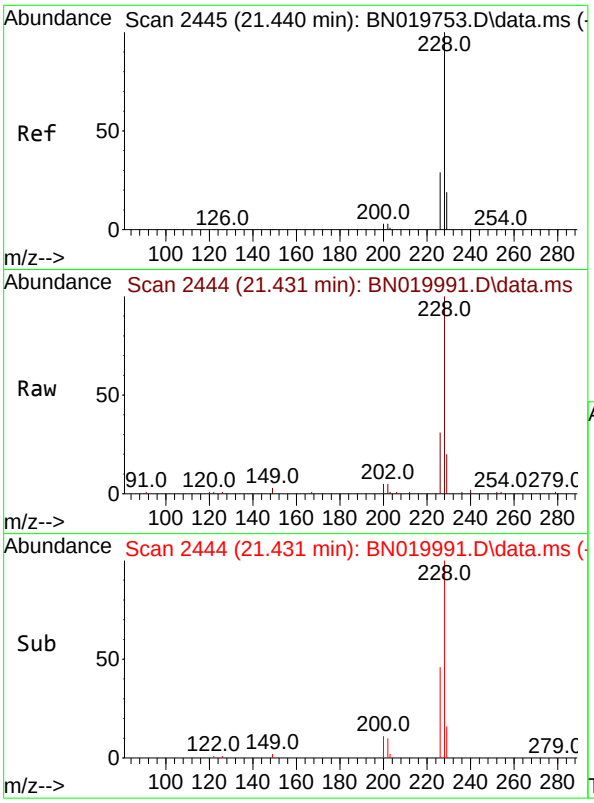


#32
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.387 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:228 Resp: 15003

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	20.3	15.6	23.4



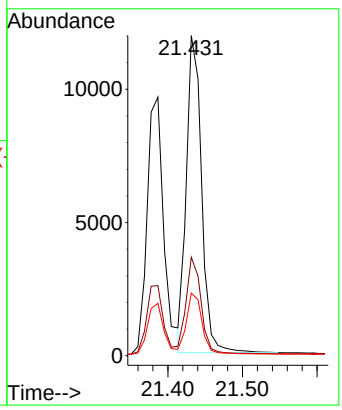


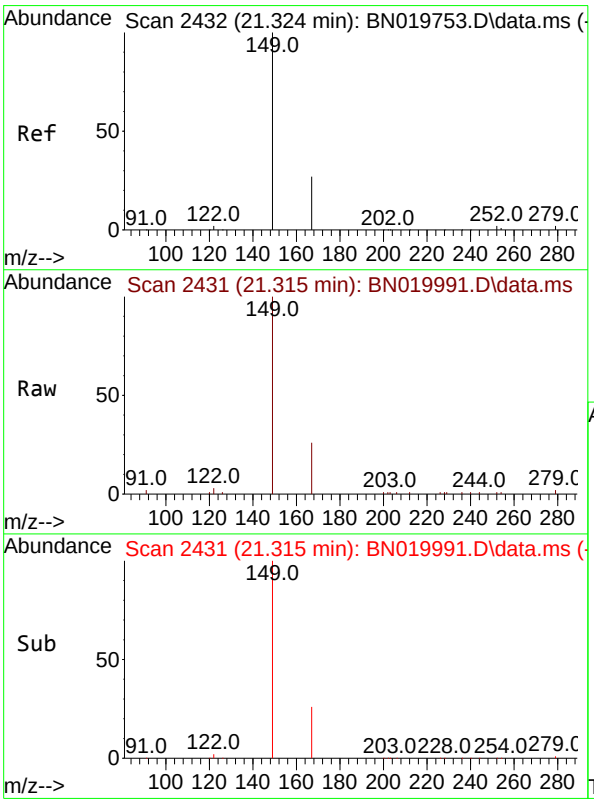
#33
Chrysene
Concen: 0.410 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:228 Resp: 16898

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	19.5	15.7	23.5

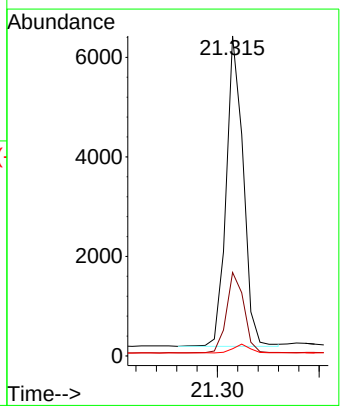


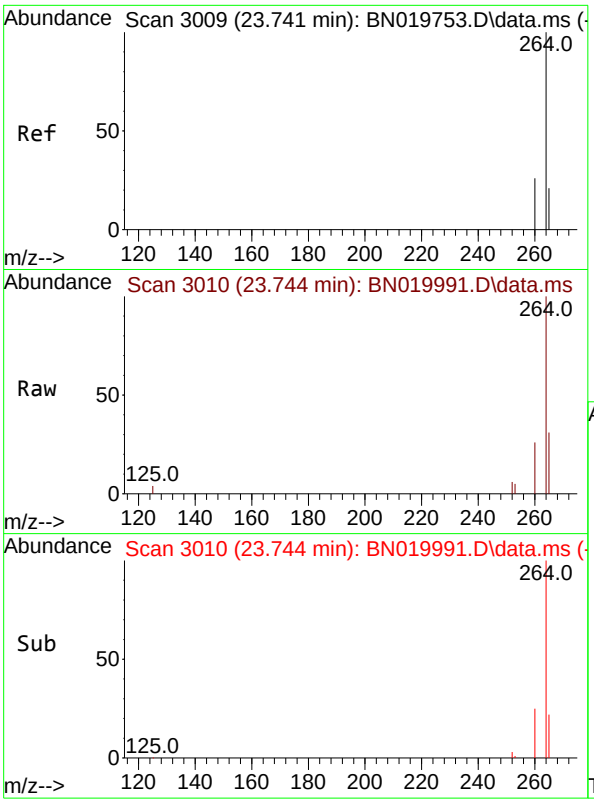


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.471 ng
RT: 21.315 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:149 Resp: 7223

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.7	32.5
279	3.0	2.2	3.2



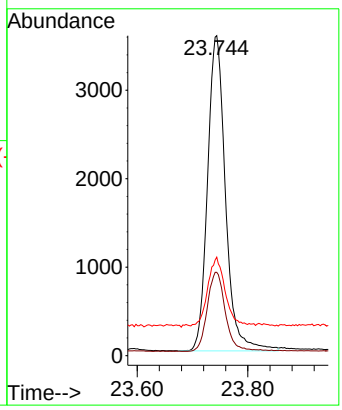


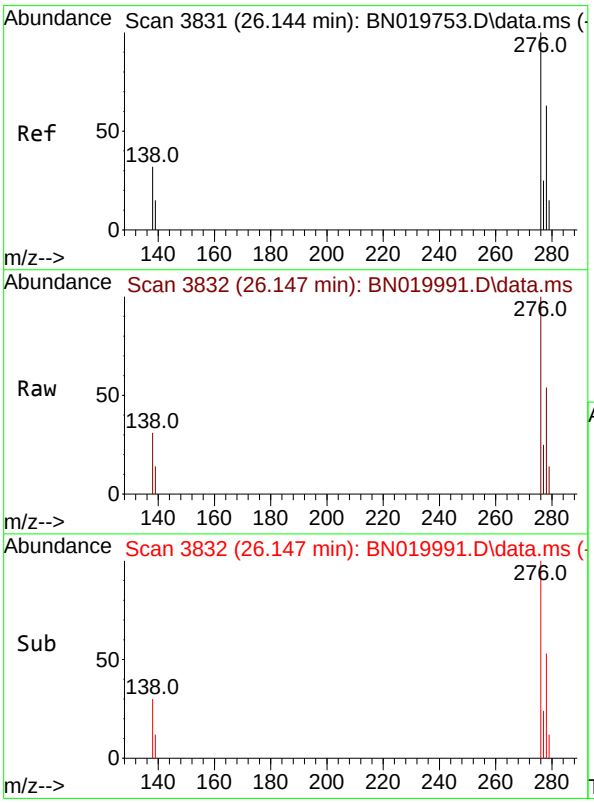
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:264 Resp: 8027

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	30.8	28.0	42.0

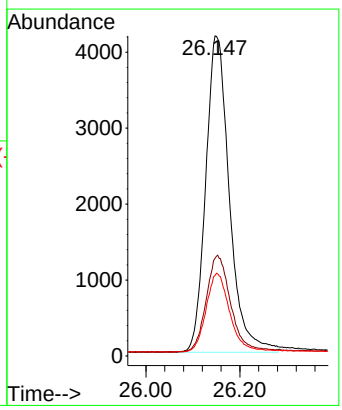


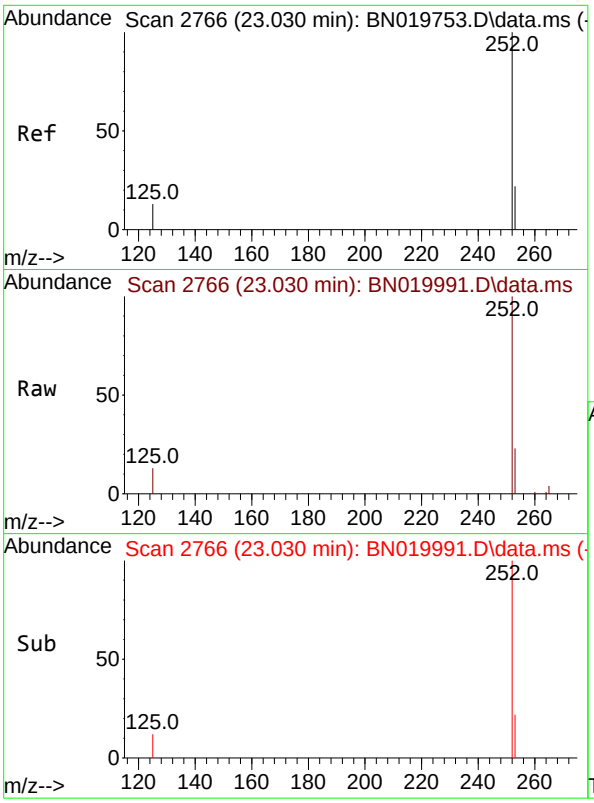


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 26.147 min Scan# 3832
Delta R.T. 0.003 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:276 Resp: 14586

Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.9	38.9
277	24.7	19.8	29.8



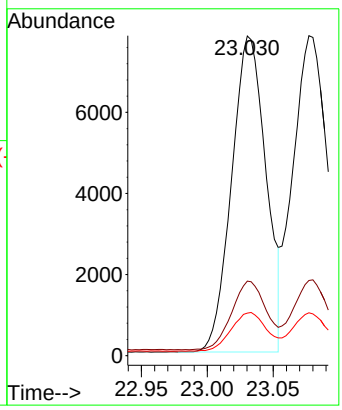


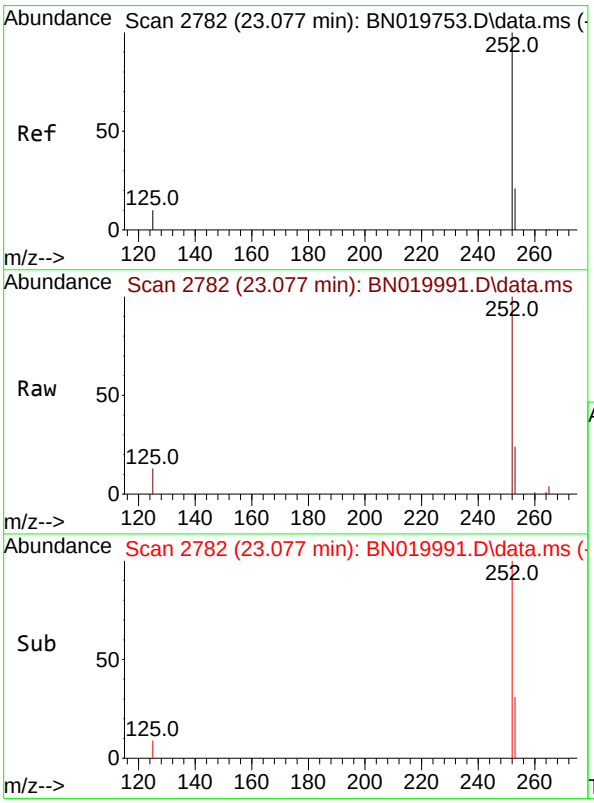
#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:252 Resp: 14130

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	13.3	11.4	17.0

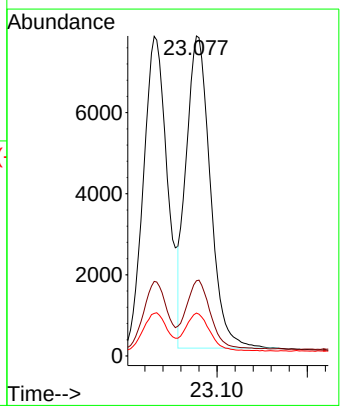


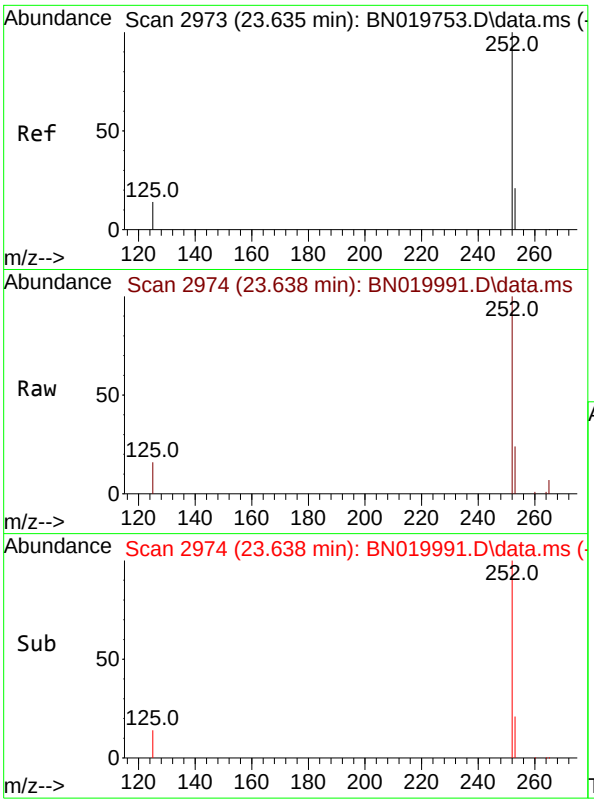


#38
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:252 Resp: 14317

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	13.4	11.0	16.4



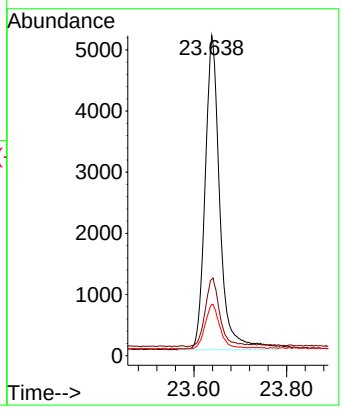


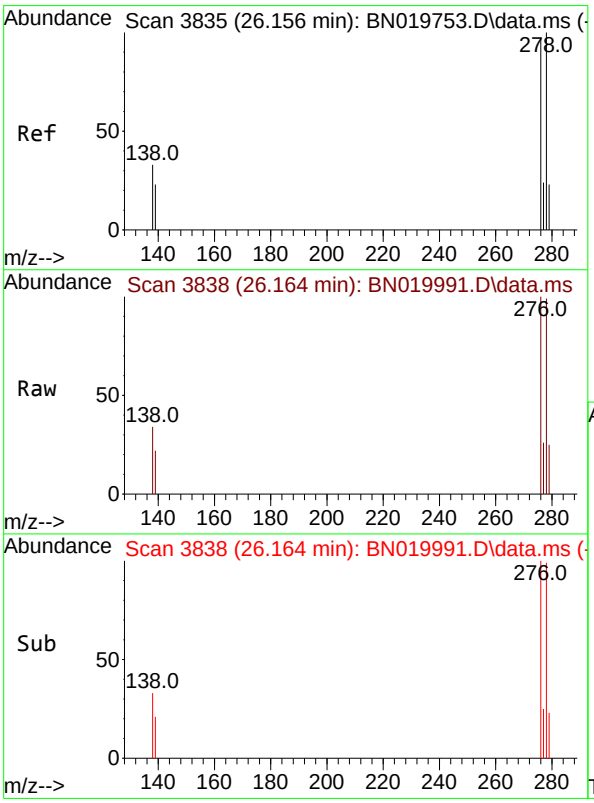
#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.638 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:252 Resp: 11383

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.4
125	16.1	13.8	20.8

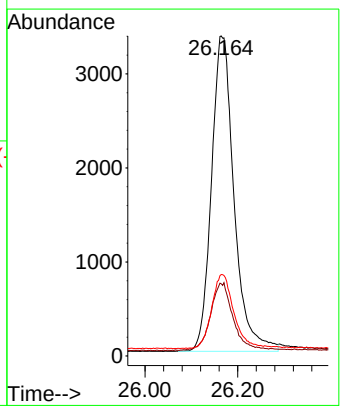


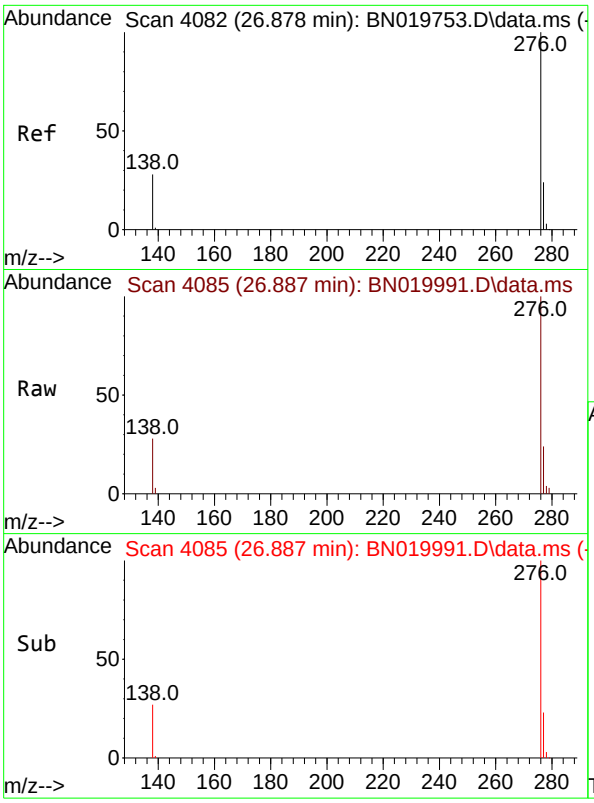


#40
Dibenzo(a,h)anthracene
Concen: 0.375 ng
RT: 26.164 min Scan# 3838
Delta R.T. 0.003 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Tgt Ion:278 Resp: 11376

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	25.4	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.409 ng
RT: 26.887 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN019991.D
Acq: 27 May 2022 17:19

Instrument :
BNA_N
ClientSampleId :
PB145157BS

Tgt Ion:276 Resp: 12758

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	28.5	22.6	34.0