Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020159.D
Acq On : 14 Jun 2022 16:34
Operator : CG/JU
Sample : PB145484BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Quant Time: Jun 15 01:24:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 16:17:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	3178	0.400	ng		0.00
7) Naphthalene-d8	10.594	136	10396	0.400	ng		0.00
13) Acenaphthene-d10	14.431	164	6837	0.400	ng		0.00
19) Phenanthrene-d10	17.164	188	15671	0.400	ng		#-0.01
29) Chrysene-d12	21.360	240	13485	0.400	ng		0.00
35) Perylene-d12	23.679	264	11187	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3178	0.363	ng		0.00
5) Phenol-d6	6.988	99	3432	0.344	ng		0.00
8) Nitrobenzene-d5	8.961	82	2634	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.185	152	7052	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.923	330	807	0.310	ng		0.00
15) 2-Fluorobiphenyl	13.052	172	10721	0.389	ng		0.00
27) Fluoranthene-d10	19.202	212	17395	0.357	ng		0.00
31) Terphenyl-d14	19.805	244	12686	0.387	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1533	0.409	ng		95
3) n-Nitrosodimethylamine	3.636	42	1172	0.334	ng		87
6) bis(2-Chloroethyl)ether	7.240	93	3002	0.346	ng		97
9) Naphthalene	10.637	128	12065	0.384	ng		99
10) Hexachlorobutadiene	10.936	225	2158	0.388	ng	#	99
12) 2-Methylnaphthalene	12.257	142	8333	0.384	ng		99
16) Acenaphthylene	14.142	152	11520	0.357	ng		99
17) Acenaphthene	14.484	154	8682	0.383	ng		97
18) Fluorene	15.479	166	11654	0.383	ng		99
20) 4,6-Dinitro-2-methylph...	15.575	198	423	0.311	ng	#	61
21) 4-Bromophenyl-phenylether	16.364	248	3351	0.365	ng		98
22) Hexachlorobenzene	16.487	284	3777	0.374	ng		99
23) Atrazine	16.641	200	2207	0.329	ng		99
24) Pentachlorophenol	16.836	266	957	0.265	ng		97
25) Phenanthrene	17.205	178	19873	0.370	ng		100
26) Anthracene	17.297	178	15844	0.346	ng		100
28) Fluoranthene	19.232	202	22069	0.366	ng		99
30) Pyrene	19.594	202	22629	0.388	ng		100
32) Benzo(a)anthracene	21.342	228	17508	0.348	ng		99
33) Chrysene	21.395	228	20663	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.279	149	9747	0.327	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.056	276	18002	0.382	ng		99
37) Benzo(b)fluoranthene	22.978	252	16832	0.369	ng	#	85
38) Benzo(k)fluoranthene	23.021	252	17447	0.378	ng	#	88
39) Benzo(a)pyrene	23.580	252	14217	0.372	ng	#	68
40) Dibenzo(a,h)anthracene	26.077	278	14324	0.379	ng		95
41) Benzo(g,h,i)perylene	26.787	276	15770	0.381	ng		99

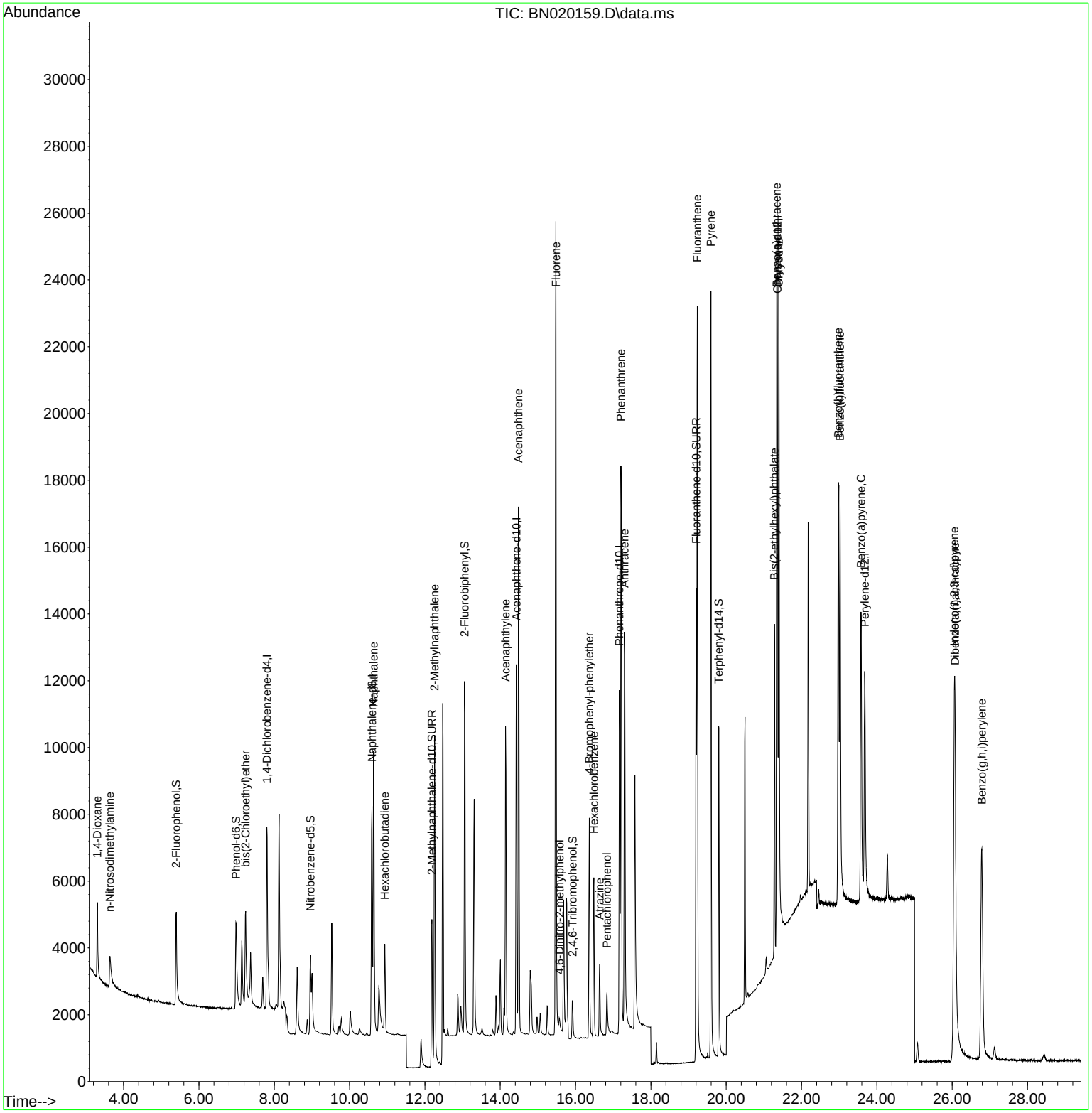
(#) = qualifier out of range (m) = manual integration (+) = signals summed

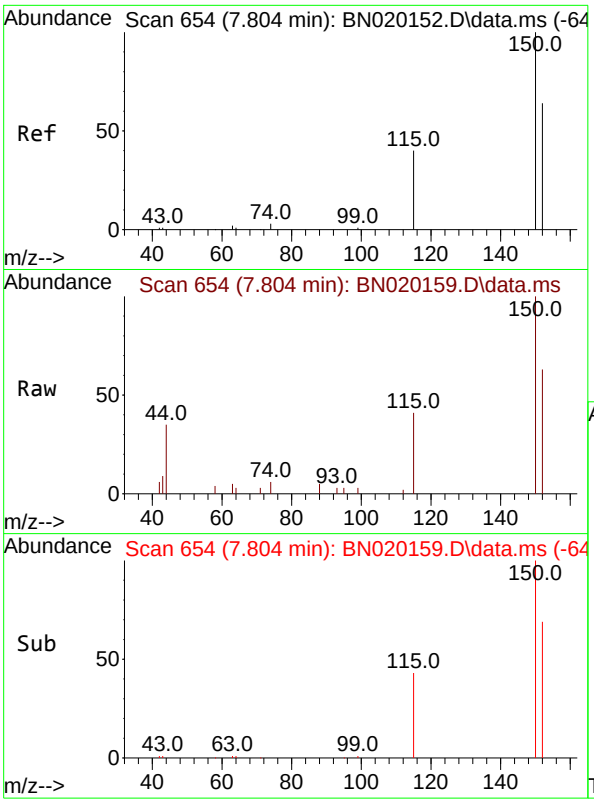
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061422\
Data File : BN020159.D
Acq On : 14 Jun 2022 16:34
Operator : CG/JU
Sample : PB145484BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Quant Time: Jun 15 01:24:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 14 16:17:22 2022
Response via : Initial Calibration



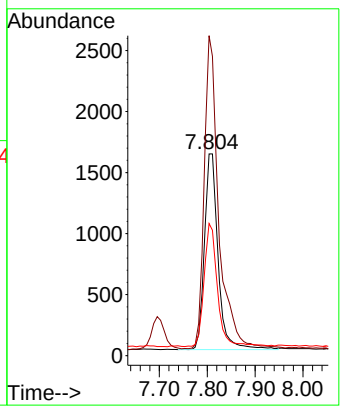


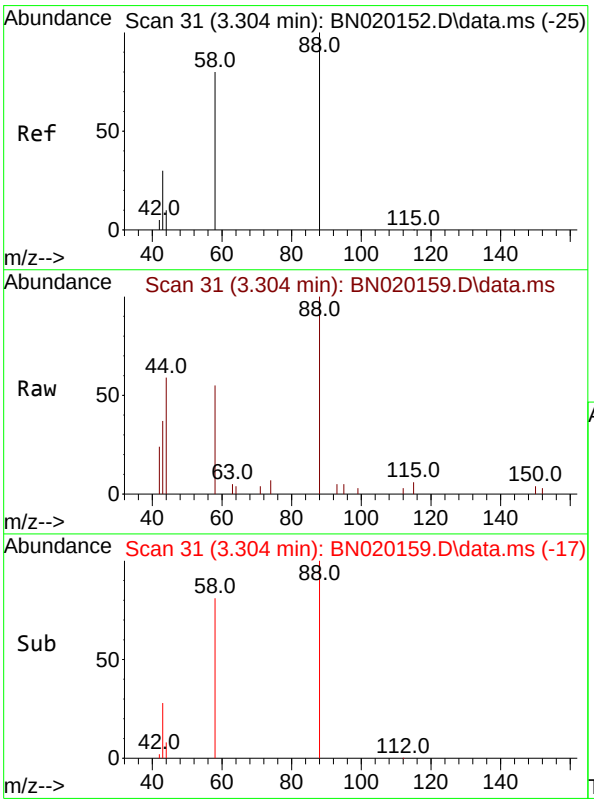
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.804 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:152 Resp: 3178

Ion	Ratio	Lower	Upper
152	100		
150	158.6	127.9	191.9
115	65.5	51.4	77.2

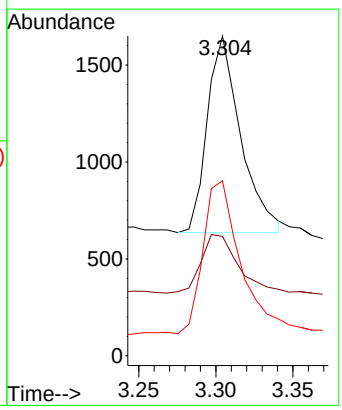


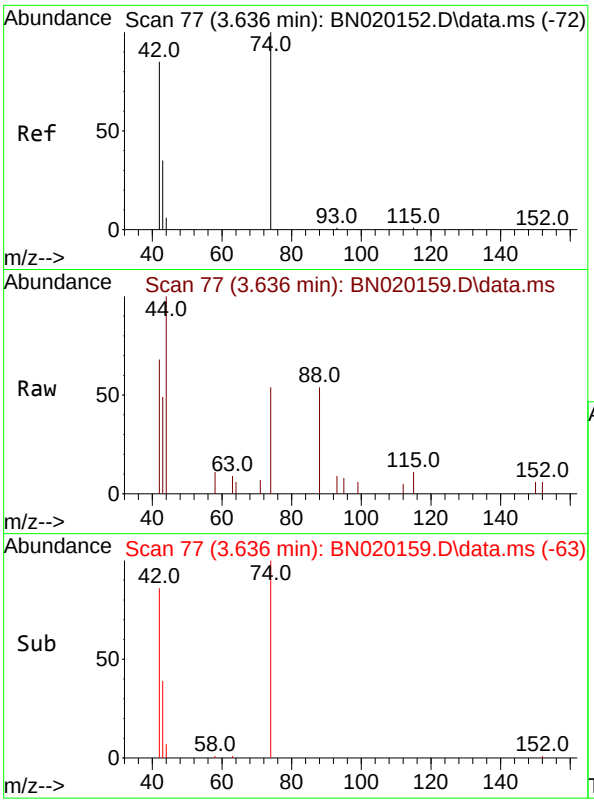


#2
1,4-Dioxane
Concen: 0.409 ng
RT: 3.304 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion: 88 Resp: 1533

Ion	Ratio	Lower	Upper
88	100		
43	32.7	30.2	45.2
58	87.9	73.0	109.6



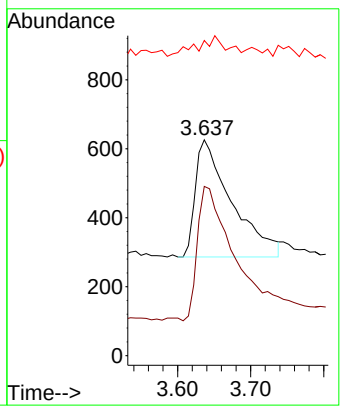


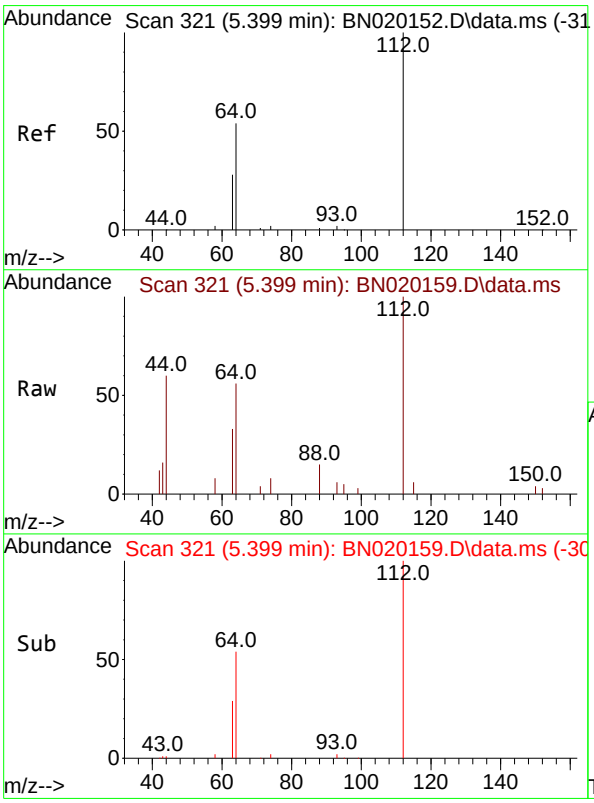
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.636 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion: 42 Resp: 1172

Ion	Ratio	Lower	Upper
42	100		
74	120.0	84.0	126.0
44	13.8	9.8	14.8

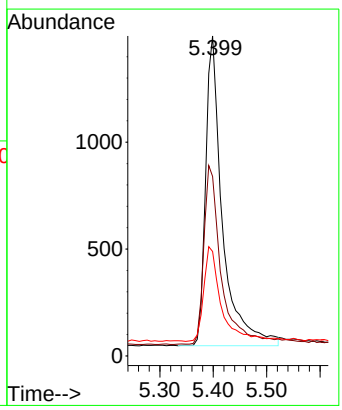


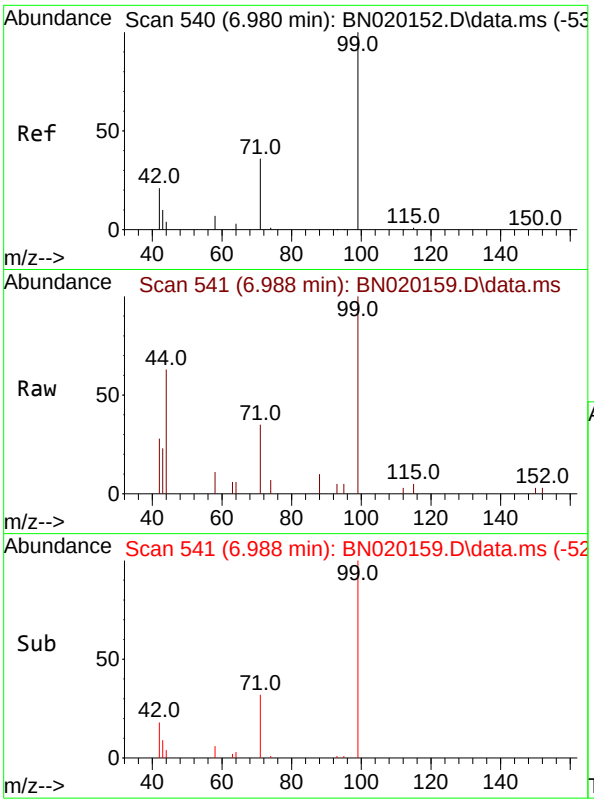


#4
2-Fluorophenol
Concen: 0.363 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:112 Resp: 3178

Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.1	73.7
63	32.1	26.3	39.5



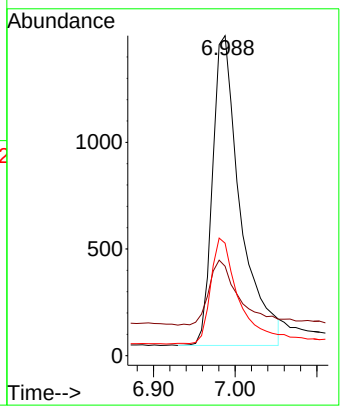


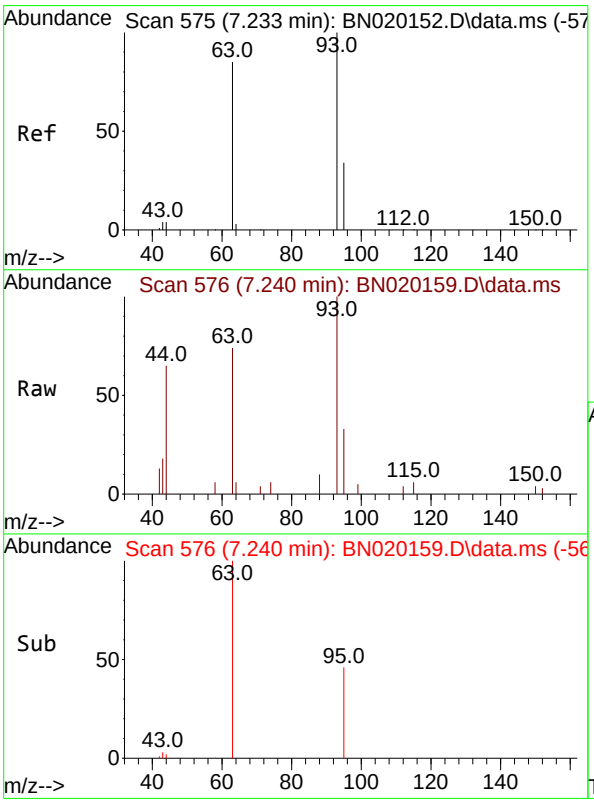
#5
Phenol-d6
Concen: 0.344 ng
RT: 6.988 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion: 99 Resp: 3432

Ion	Ratio	Lower	Upper
99	100		
42	22.5	19.3	28.9
71	34.4	27.5	41.3

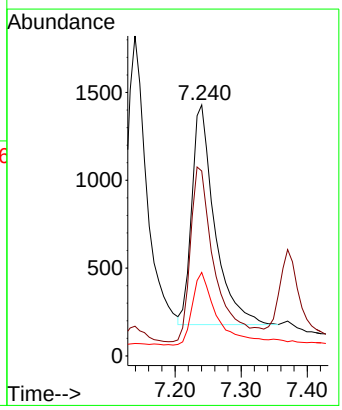


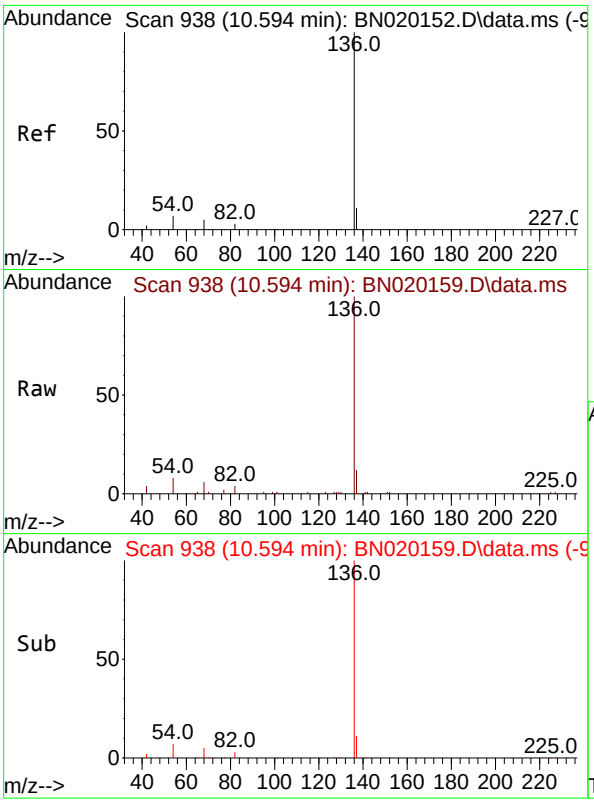


#6
bis(2-Chloroethyl)ether
Concen: 0.346 ng
RT: 7.240 min Scan# 576
Delta R.T. 0.007 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion: 93 Resp: 3002

Ion	Ratio	Lower	Upper
93	100		
63	86.5	67.4	101.0
95	35.9	26.5	39.7



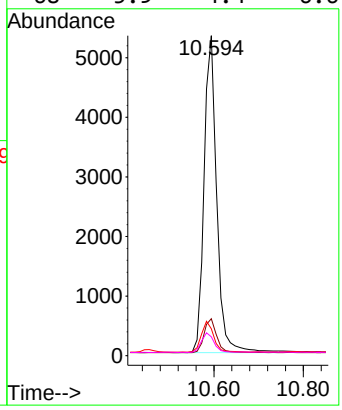


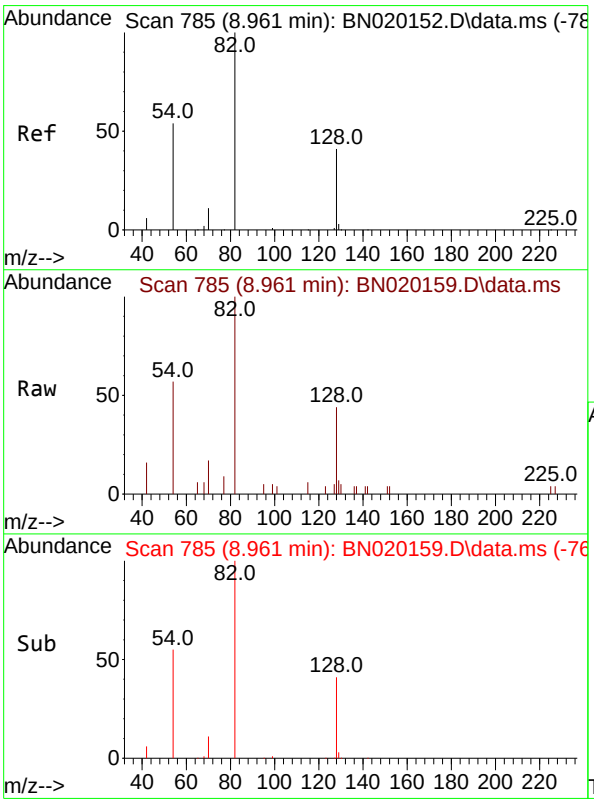
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:136 Resp: 10396

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.4	6.2	9.2
68	5.9	4.4	6.6

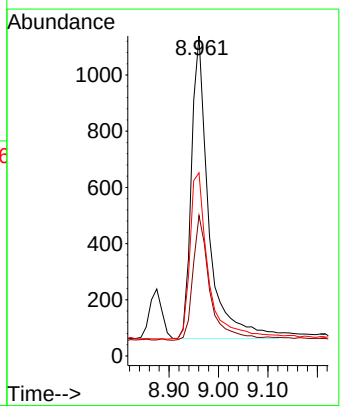


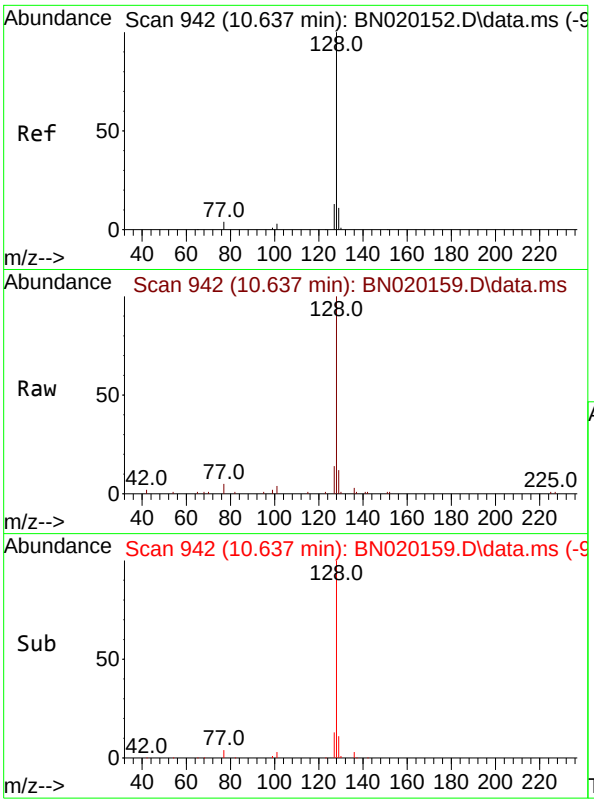


#8
Nitrobenzene-d5
Concen: 0.354 ng
RT: 8.961 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion: 82 Resp: 2634

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.0	52.6
54	57.2	46.2	69.4



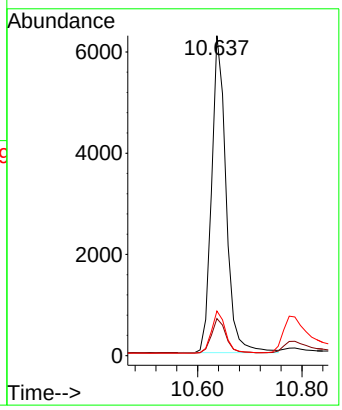


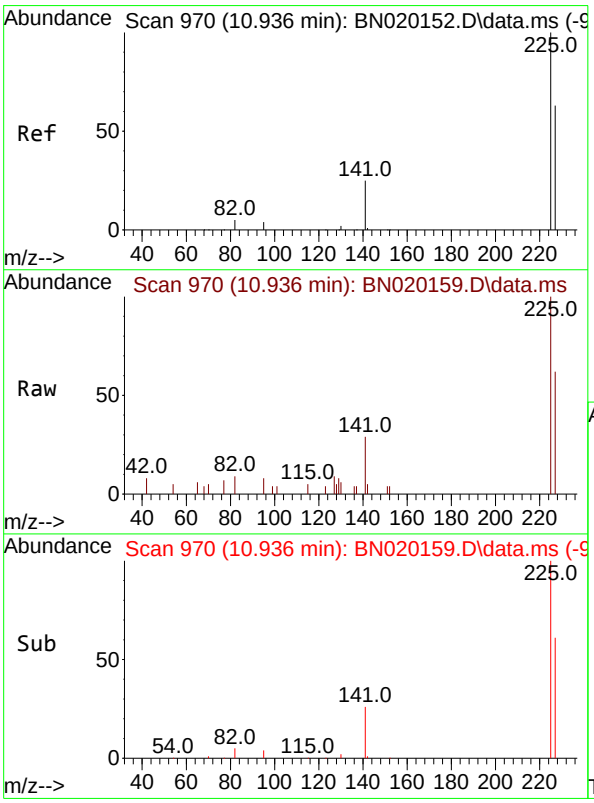
#9
Naphthalene
Concen: 0.384 ng
RT: 10.637 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:128 Resp: 12065

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

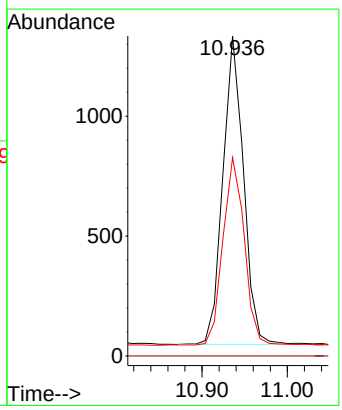


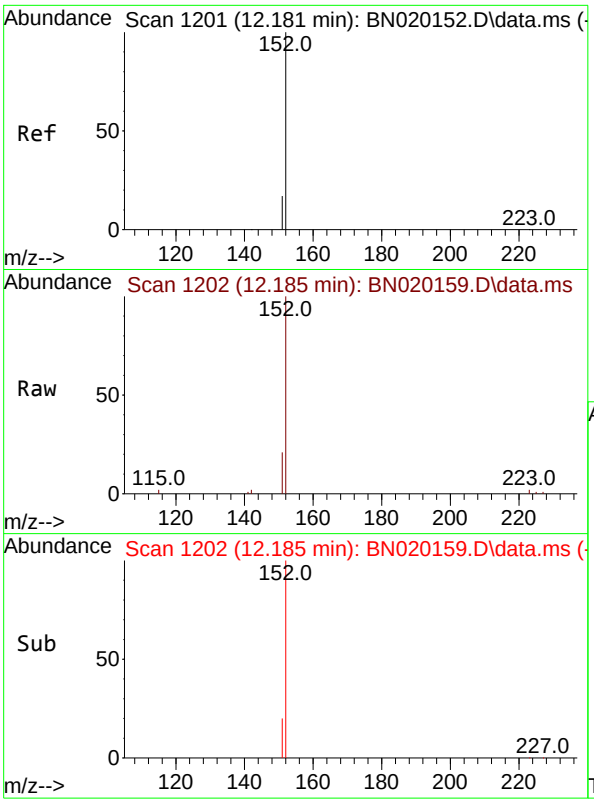


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.936 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:225 Resp: 2158

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	50.9	76.3



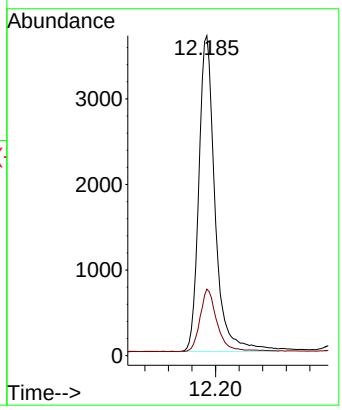


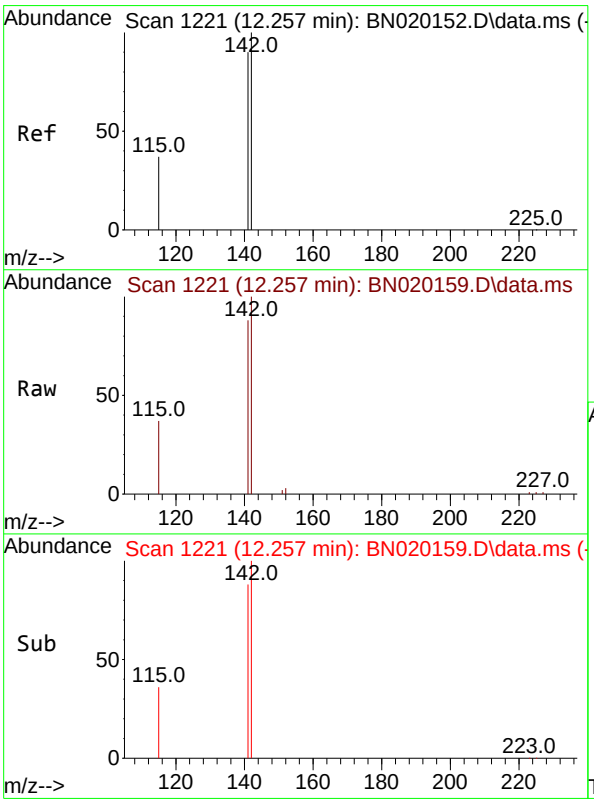
#11
2-Methylnaphthalene-d10
Concen: 0.380 ng
RT: 12.185 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:152 Resp: 7052

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

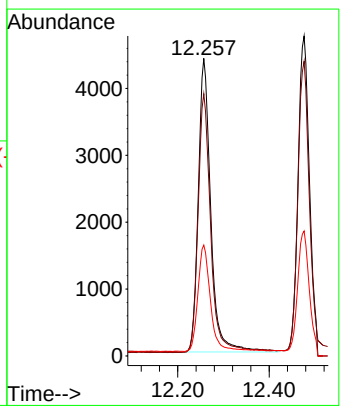


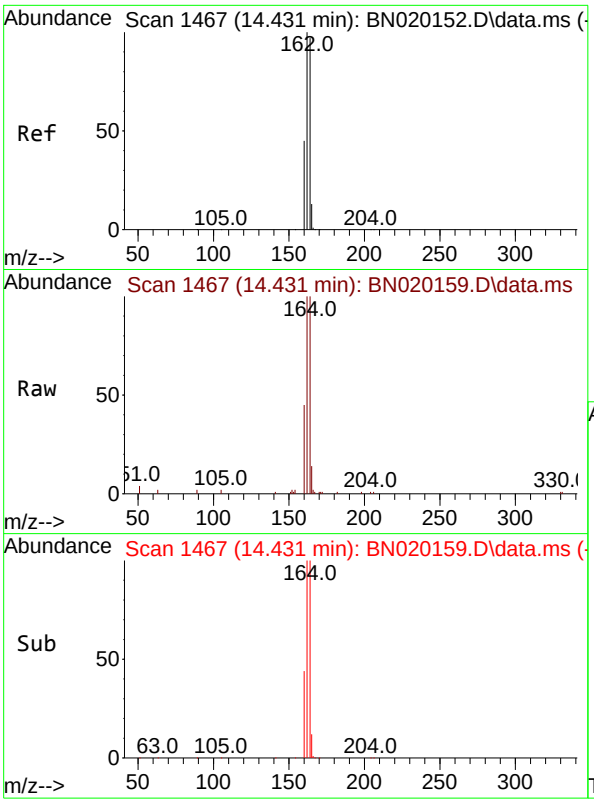


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:142 Resp: 8333

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	37.2	29.8	44.8



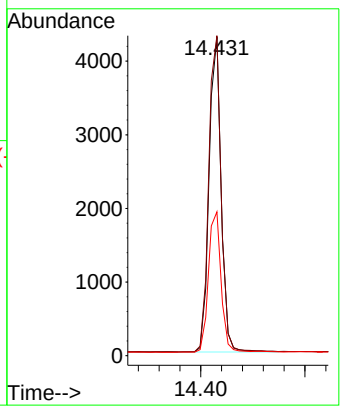


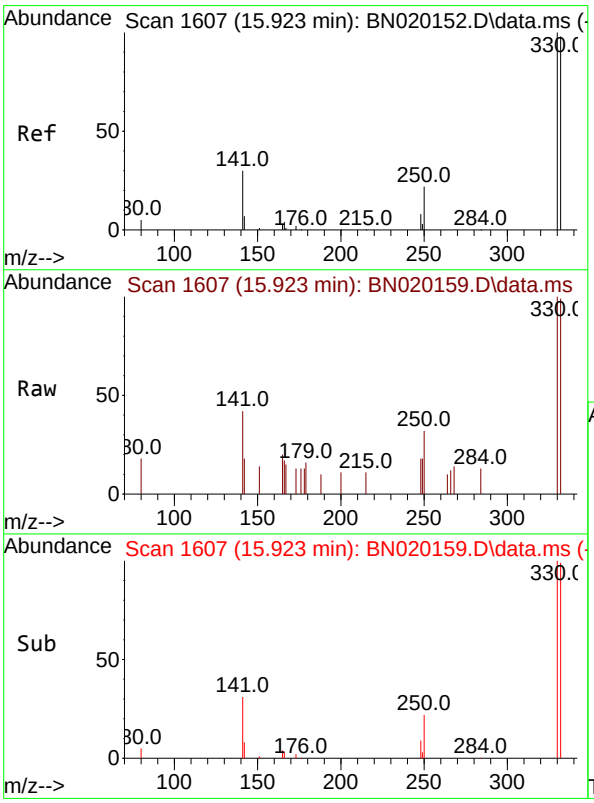
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:164 Resp: 6837

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.1	123.1
160	45.2	38.6	58.0

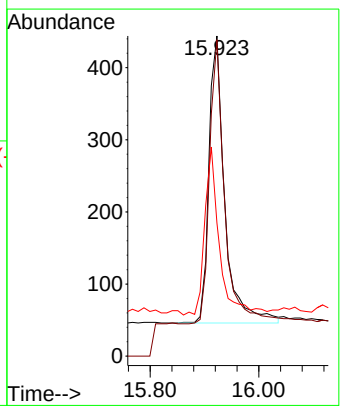


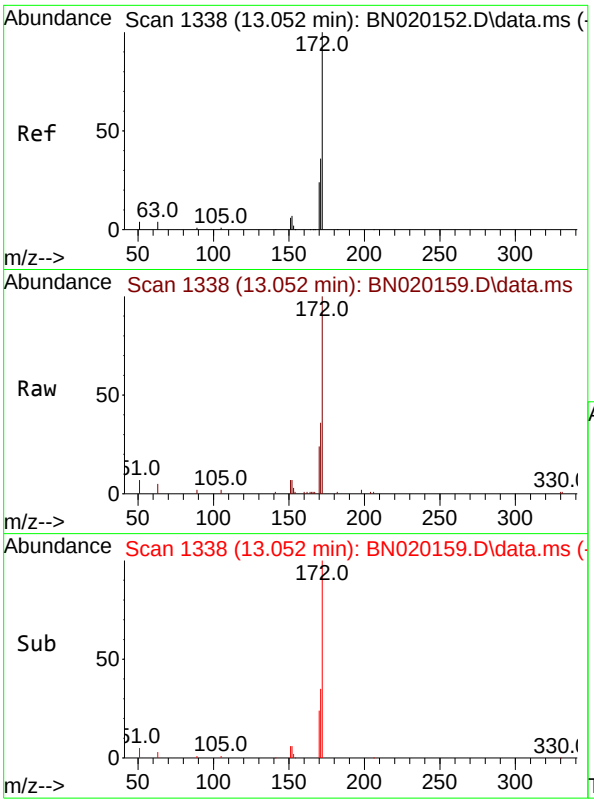


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.923 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:330 Resp: 807

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.6	116.4
141	53.8	41.0	61.4



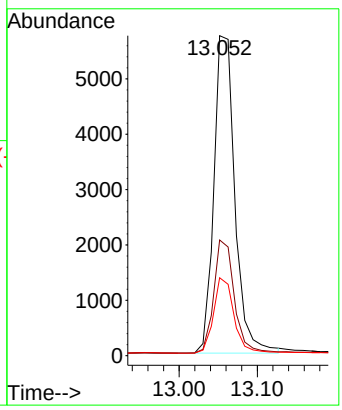


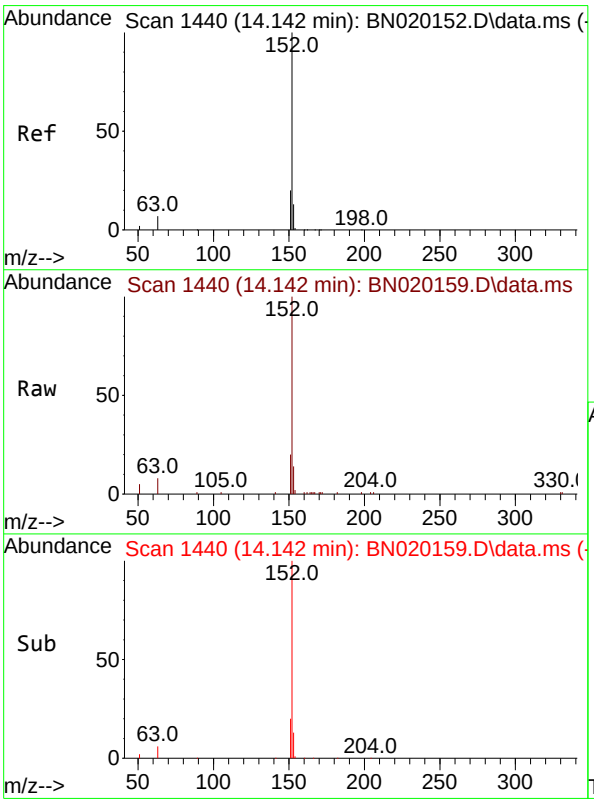
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.052 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:172 Resp: 10721

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.2	40.8
170	24.3	18.2	27.4

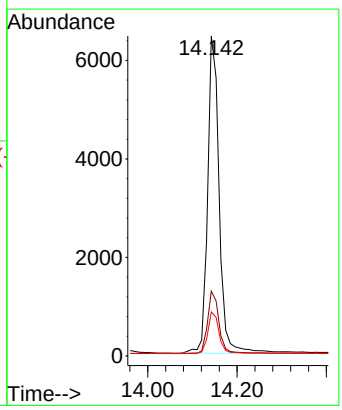


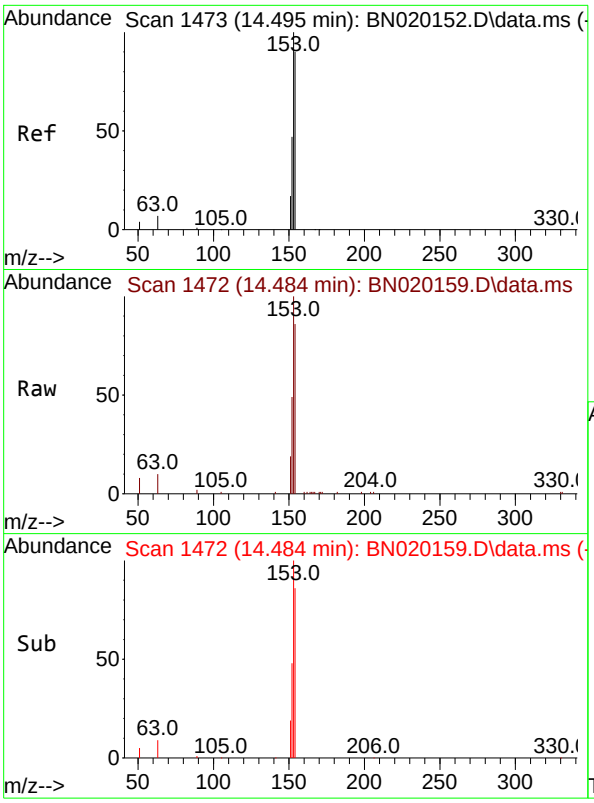


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.142 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:152 Resp: 11520

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.2	10.7	16.1



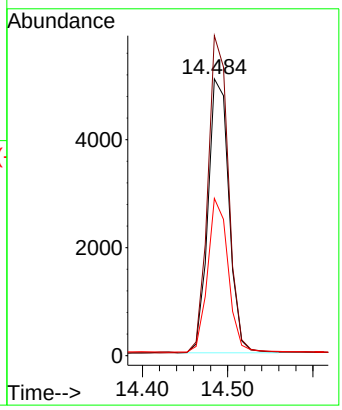


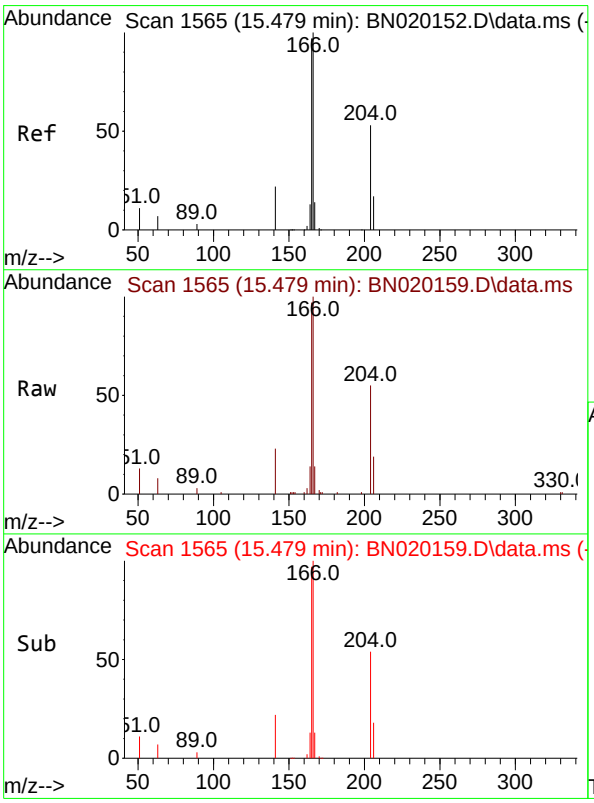
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:154 Resp: 8682

Ion	Ratio	Lower	Upper
154	100		
153	114.5	87.5	131.3
152	55.1	43.8	65.6

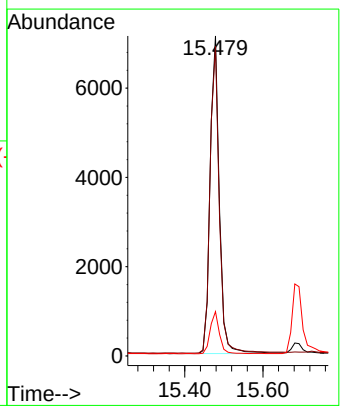


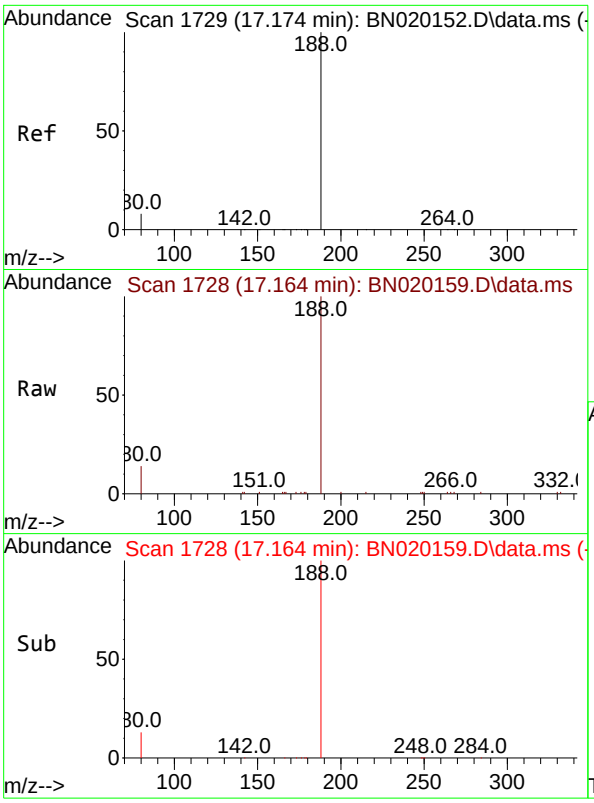


#18
Fluorene
Concen: 0.383 ng
RT: 15.479 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:166 Resp: 11654

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	118.0
167	13.2	10.8	16.2





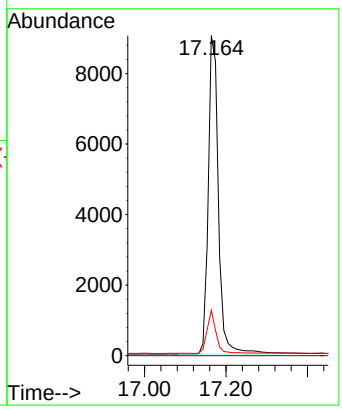
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.164 min Scan# 1

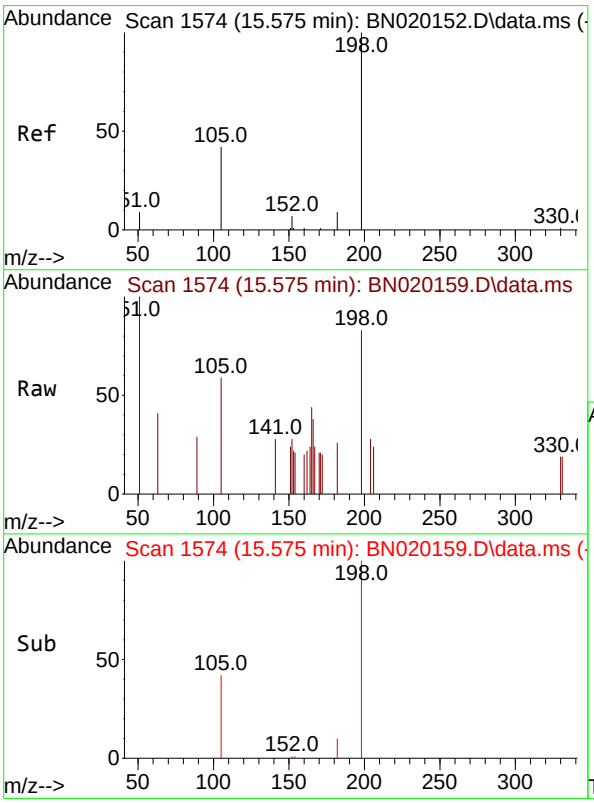
Instrument :
BNA_N
ClientSampleId :
PB145484BS

Delta R.T. -0.010 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:188 Resp: 15671

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	7.4	11.2#

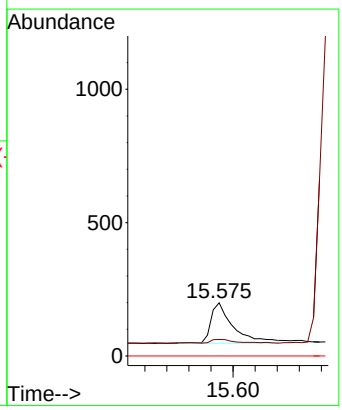


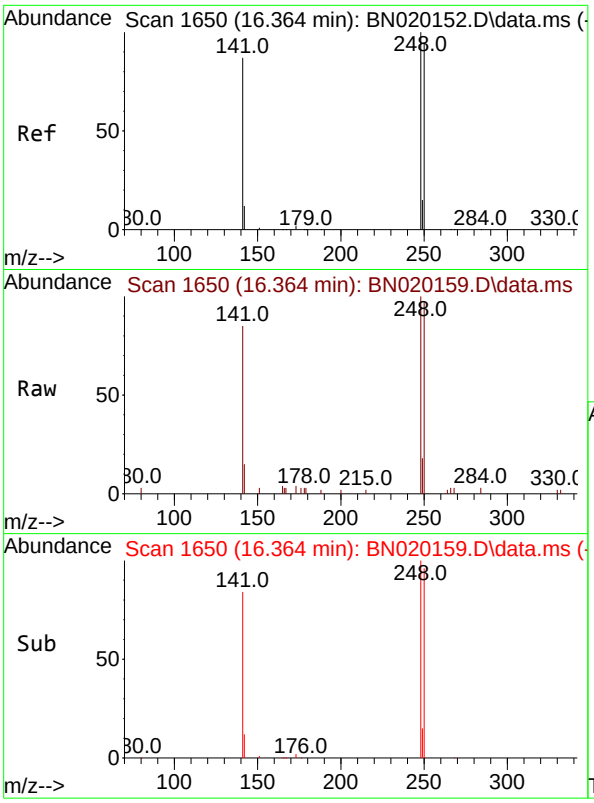


#20
4,6-Dinitro-2-methylphenol
Concen: 0.311 ng
RT: 15.575 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:198 Resp: 423

Ion	Ratio	Lower	Upper
198	100		
182	31.2	12.1	18.1#
77	0.0	0.0	0.0



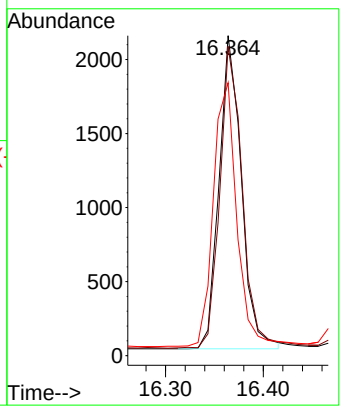


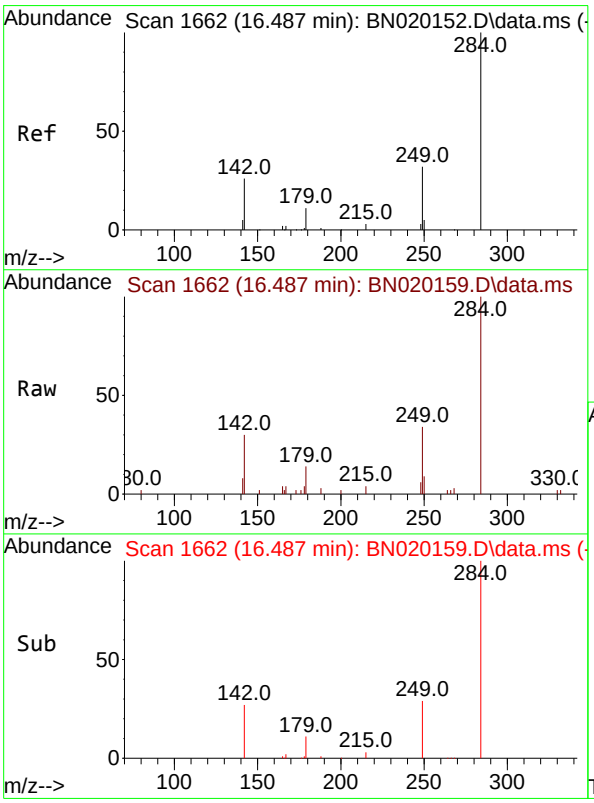
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.364 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:248 Resp: 3351

Ion	Ratio	Lower	Upper
248	100		
250	96.7	75.3	112.9
141	85.3	67.3	100.9

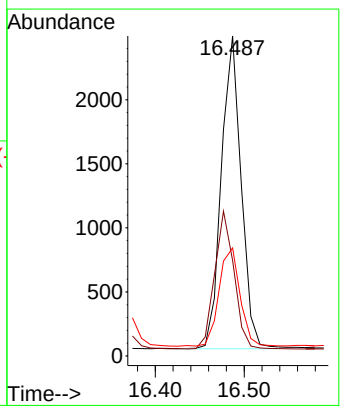


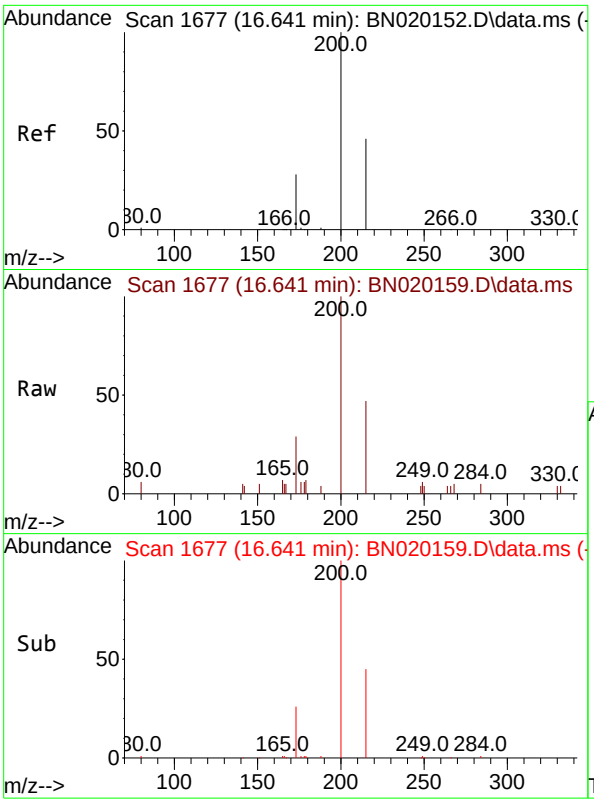


#22
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.487 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:284 Resp: 3777

Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.2	52.8
249	33.4	26.6	40.0



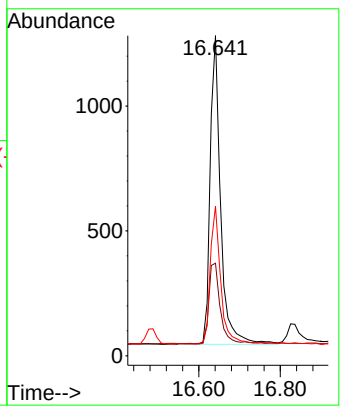


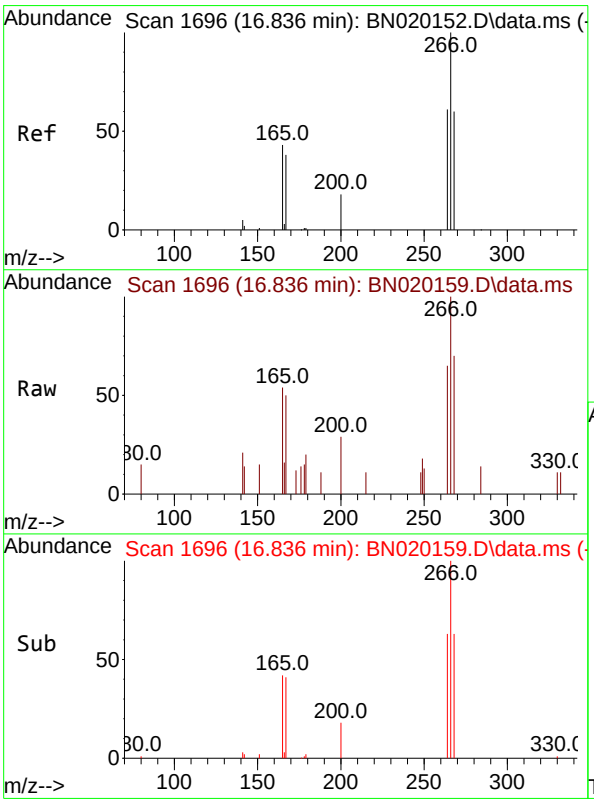
#23
Atrazine
Concen: 0.329 ng
RT: 16.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:200 Resp: 2207

Ion	Ratio	Lower	Upper
200	100		
173	28.9	23.6	35.4
215	46.7	36.6	54.8

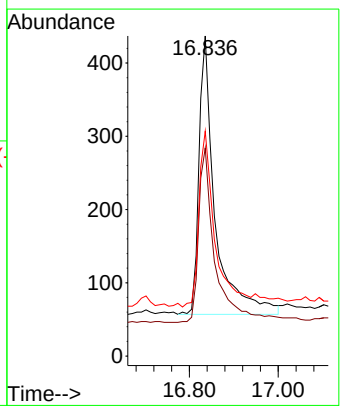


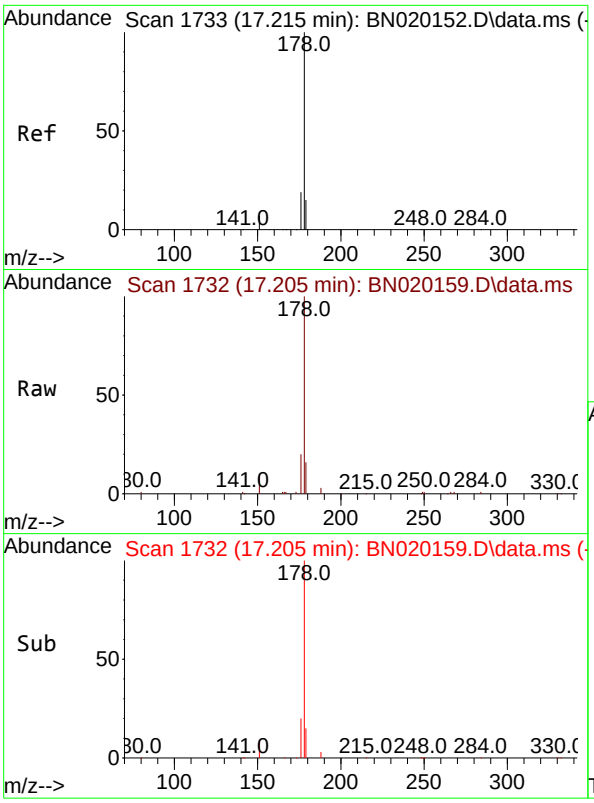


#24
Pentachlorophenol
Concen: 0.265 ng
RT: 16.836 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:266 Resp: 957

Ion	Ratio	Lower	Upper
266	100		
264	66.2	51.3	76.9
268	62.9	52.6	79.0



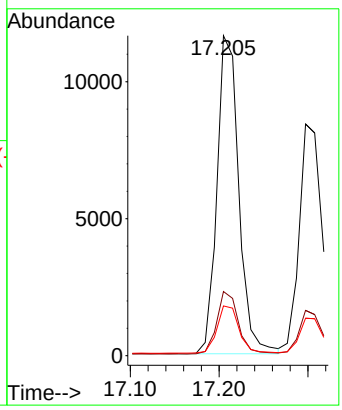


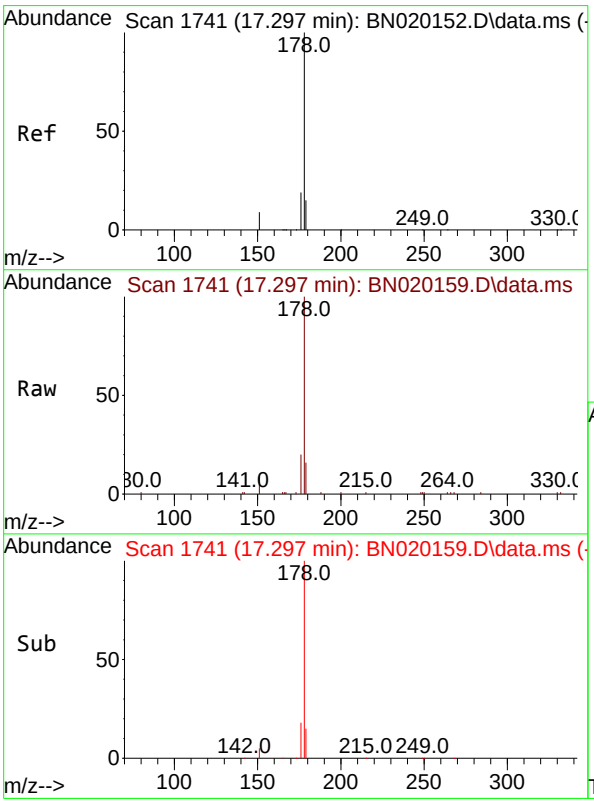
#25
Phenanthrene
Concen: 0.370 ng
RT: 17.205 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:178 Resp: 19873

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.1	12.2	18.4

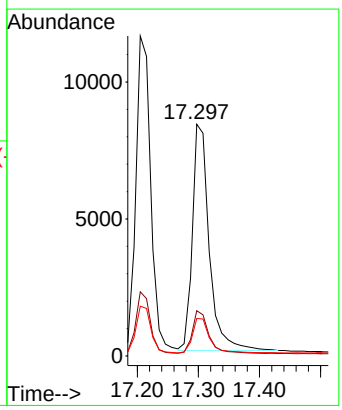


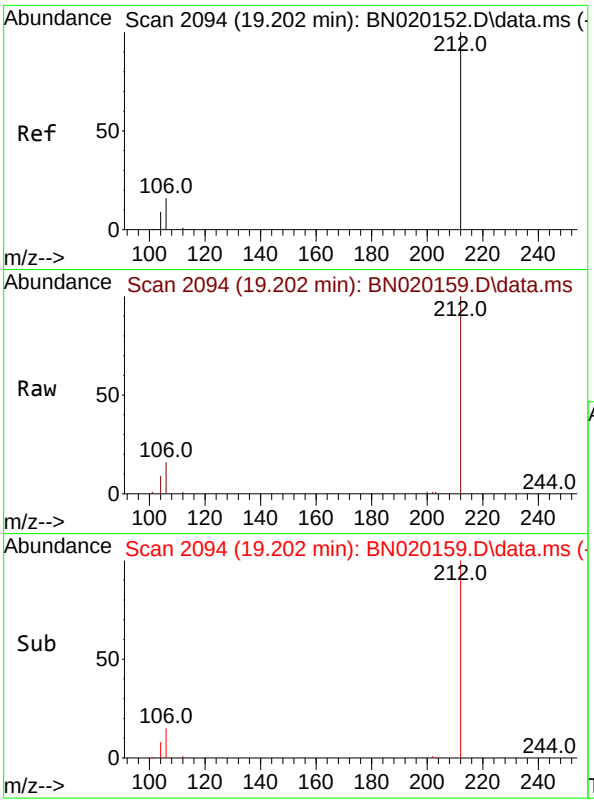


#26
Anthracene
Concen: 0.346 ng
RT: 17.297 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:178 Resp: 15844

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.5	12.2	18.4



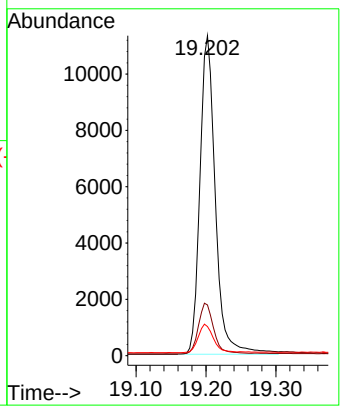


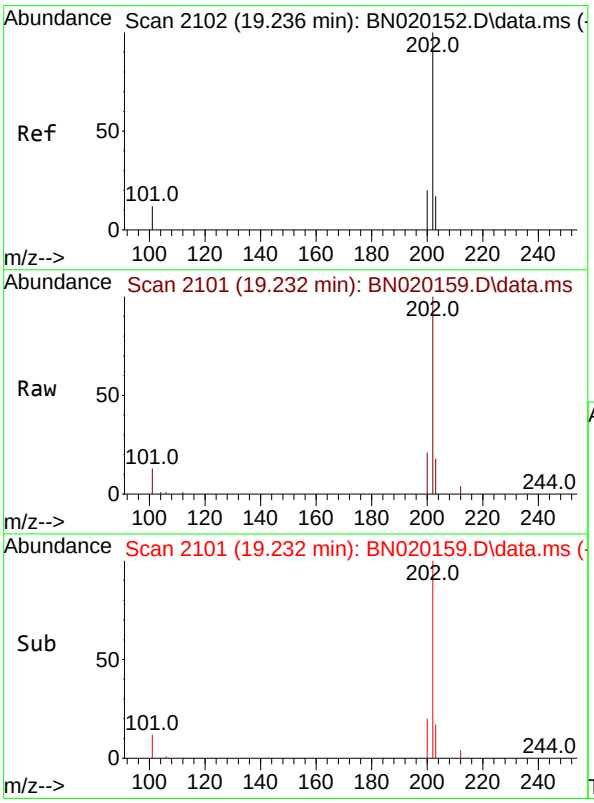
#27
Fluoranthene-d10
Concen: 0.357 ng
RT: 19.202 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:212 Resp: 17395

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.9	7.2	10.8

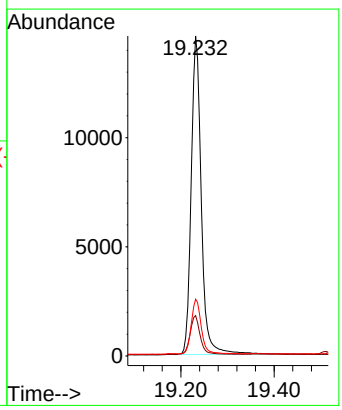


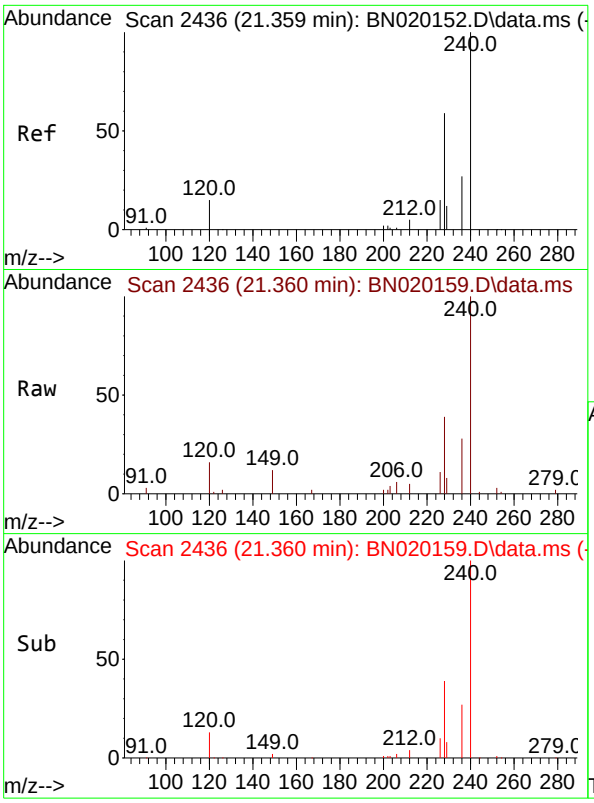


#28
Fluoranthene
Concen: 0.366 ng
RT: 19.232 min Scan# 2101
Delta R.T. -0.004 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:202 Resp: 22069

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.9	13.5	20.3



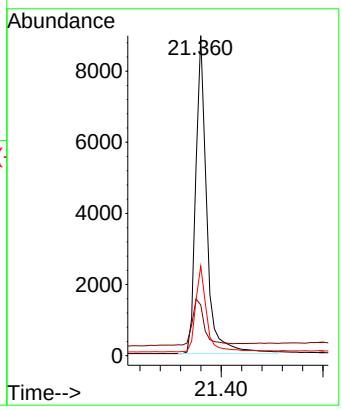


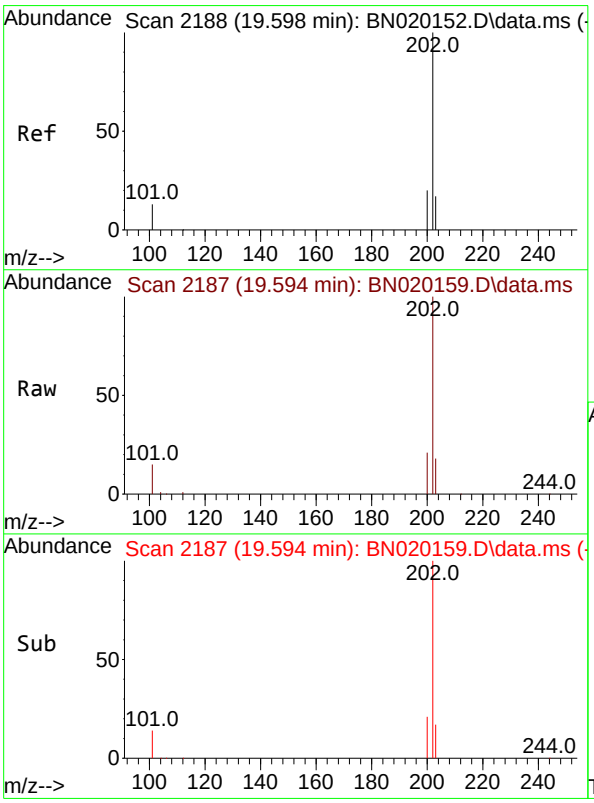
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.360 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:240 Resp: 13485

Ion	Ratio	Lower	Upper
240	100		
120	15.8	14.6	21.8
236	28.0	22.6	33.8

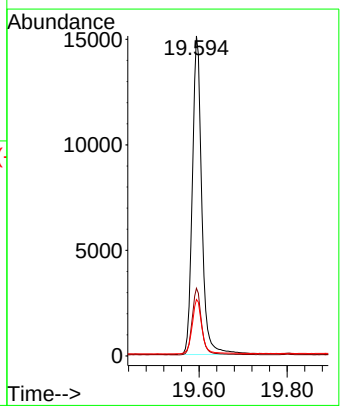


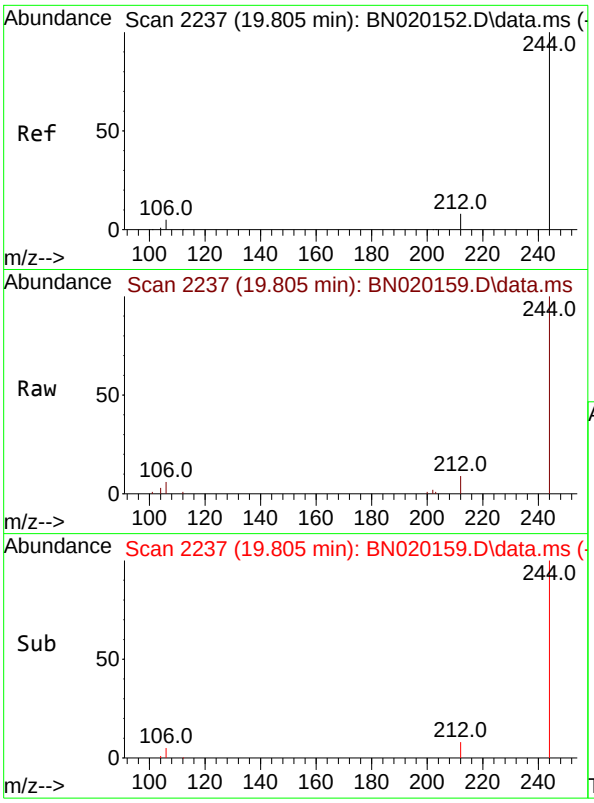


#30
Pyrene
Concen: 0.388 ng
RT: 19.594 min Scan# 2187
Delta R.T. -0.004 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:202 Resp: 22629

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	25.0
203	17.7	14.2	21.2



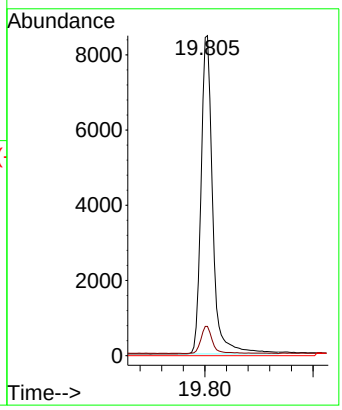


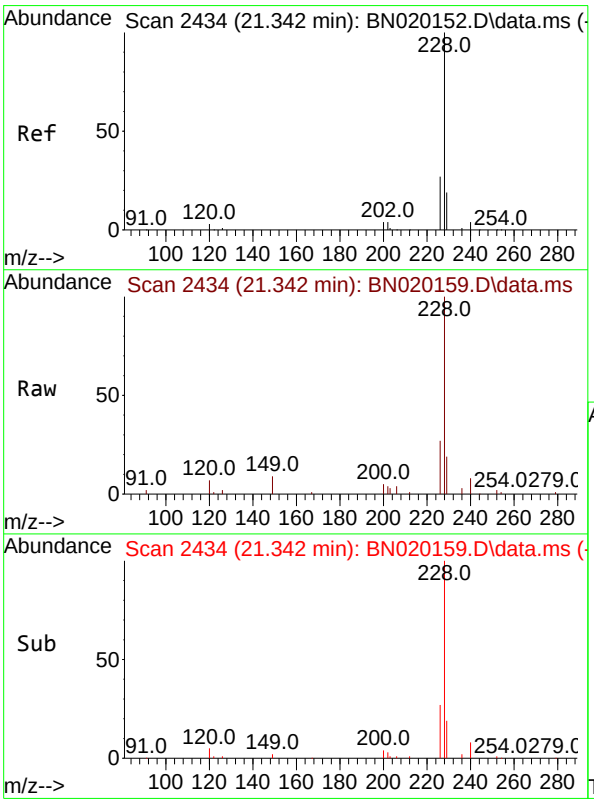
#31
Terphenyl-d14
Concen: 0.387 ng
RT: 19.805 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:244 Resp: 12686

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

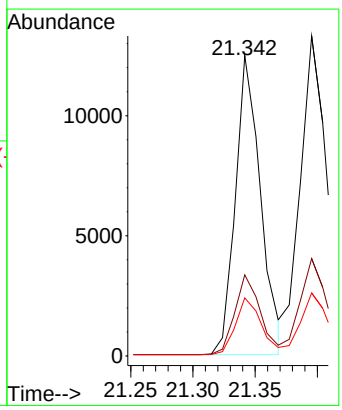


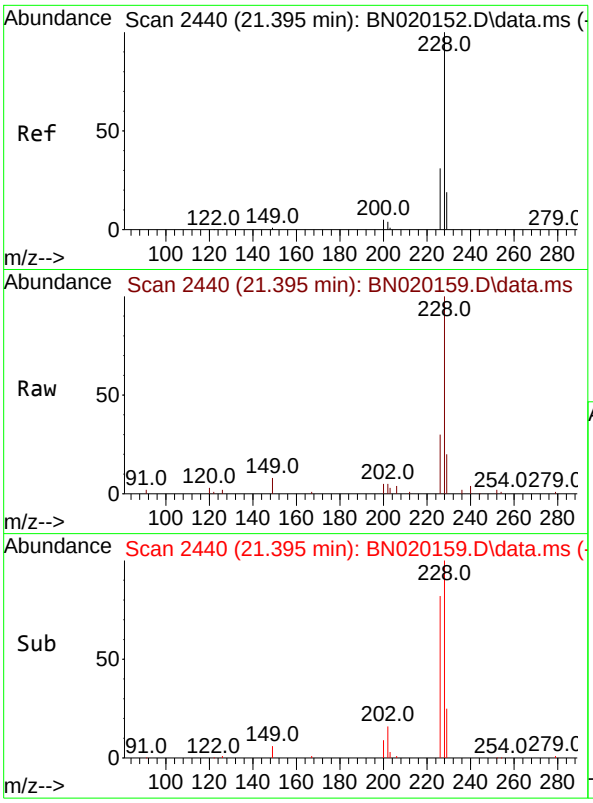


#32
Benzo(a)anthracene
Concen: 0.348 ng
RT: 21.342 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:228 Resp: 17508

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.3	15.6	23.4



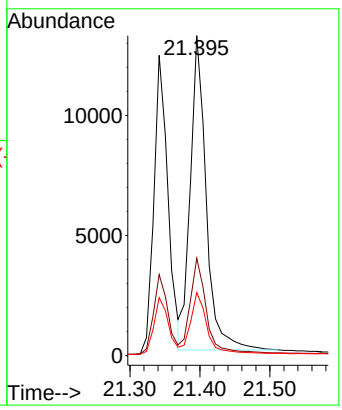


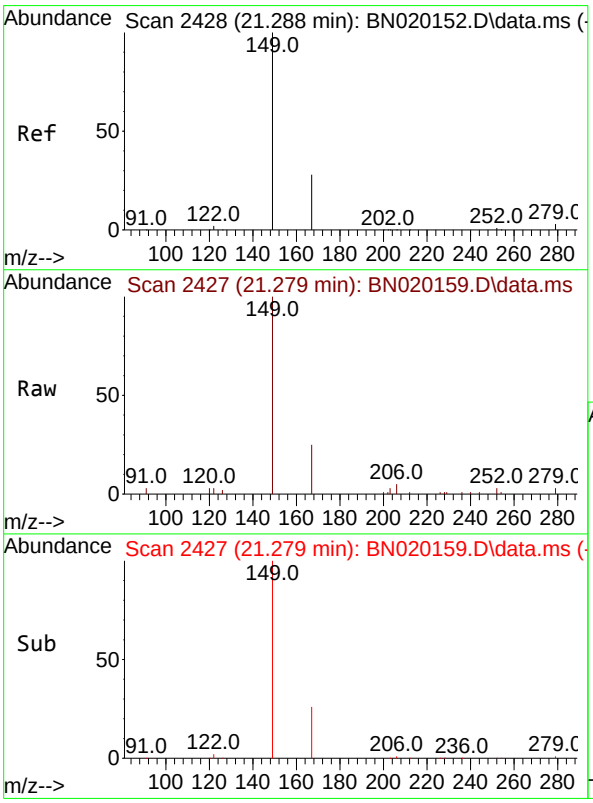
#33
Chrysene
Concen: 0.381 ng
RT: 21.395 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:228 Resp: 20663

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.7	15.7	23.5

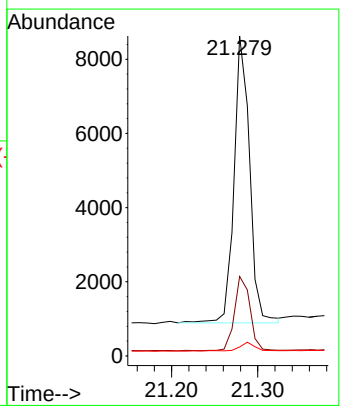


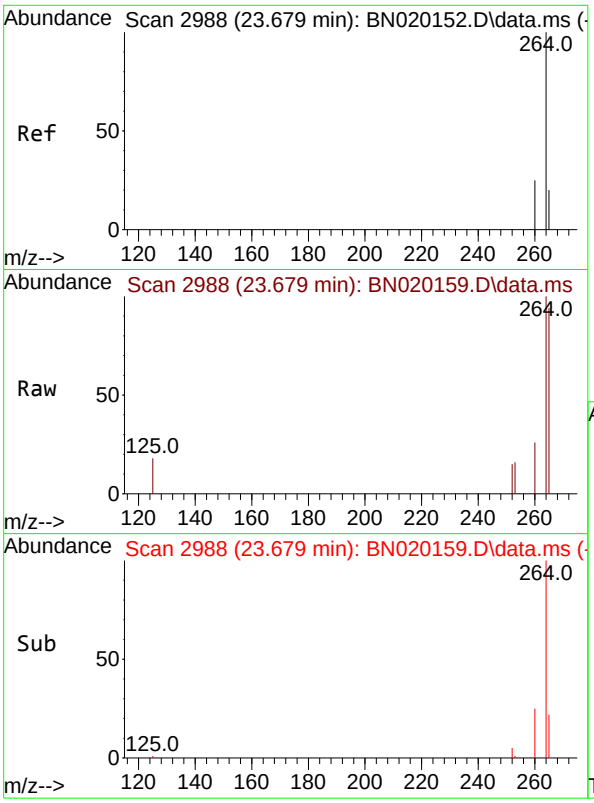


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.279 min Scan# 2427
Delta R.T. -0.009 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:149 Resp: 9747

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.7	32.5
279	3.3	2.2	3.2#



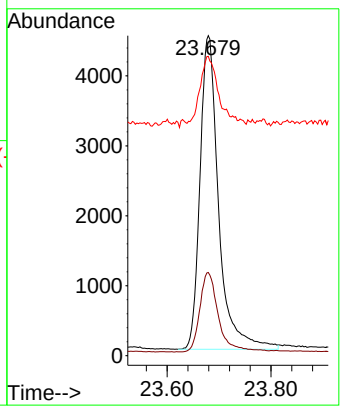


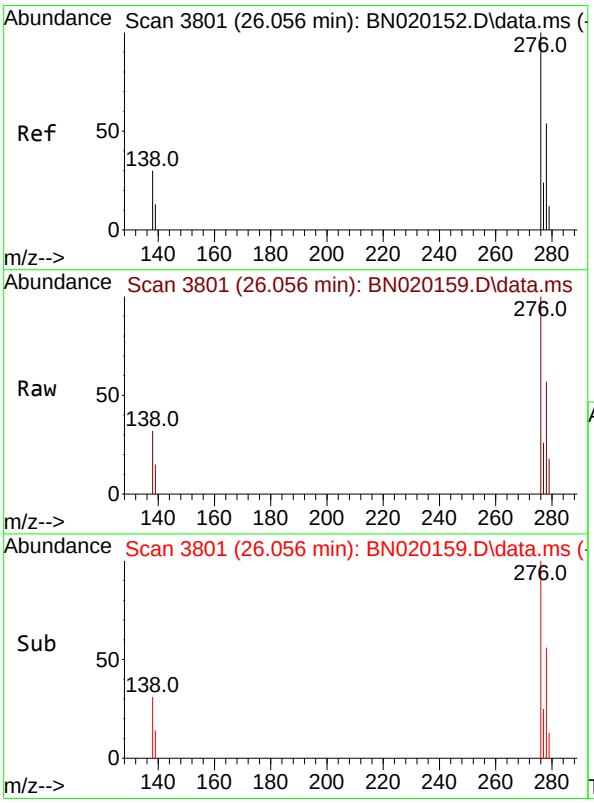
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.679 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:264 Resp: 11187

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	93.5	28.0	42.0#

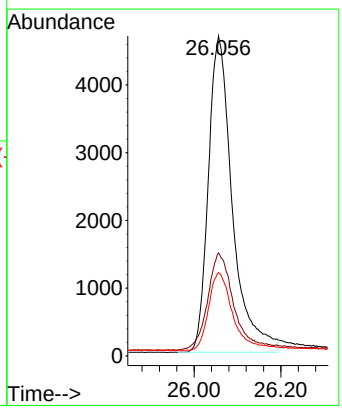


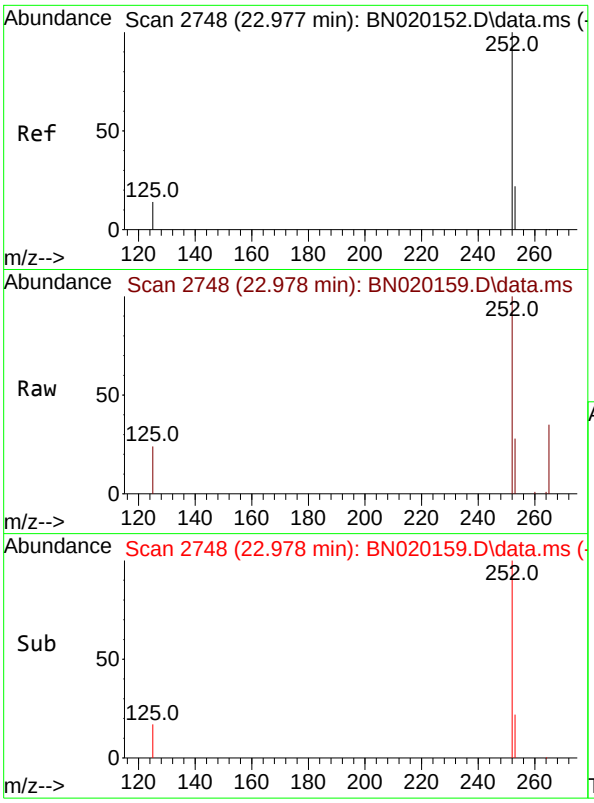


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 26.056 min Scan# 3801
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:276 Resp: 18002

Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.9	38.9
277	24.5	19.8	29.8



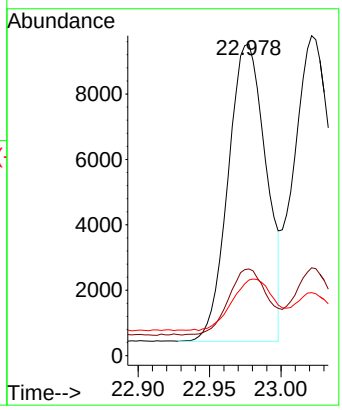


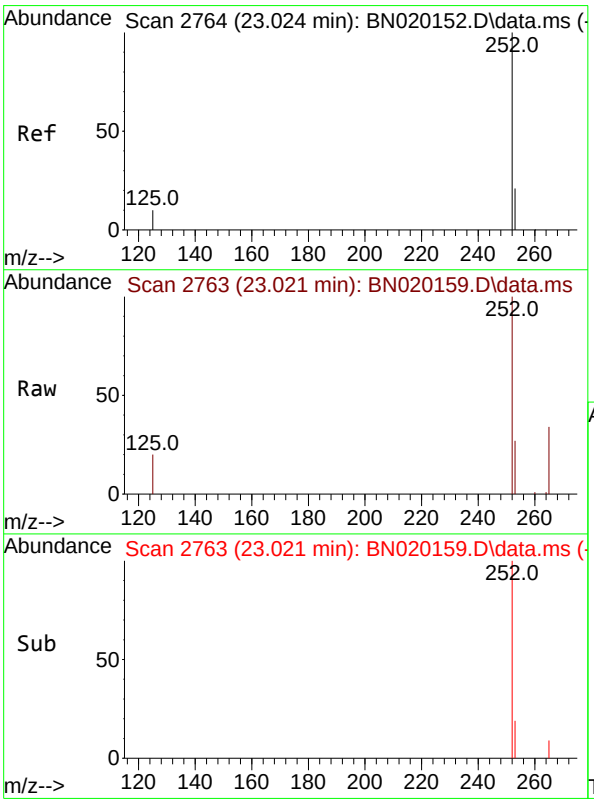
#37
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 22.978 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:252 Resp: 16832

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.5	27.7#
125	24.3	11.4	17.0#

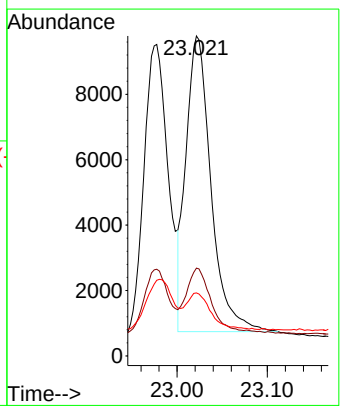


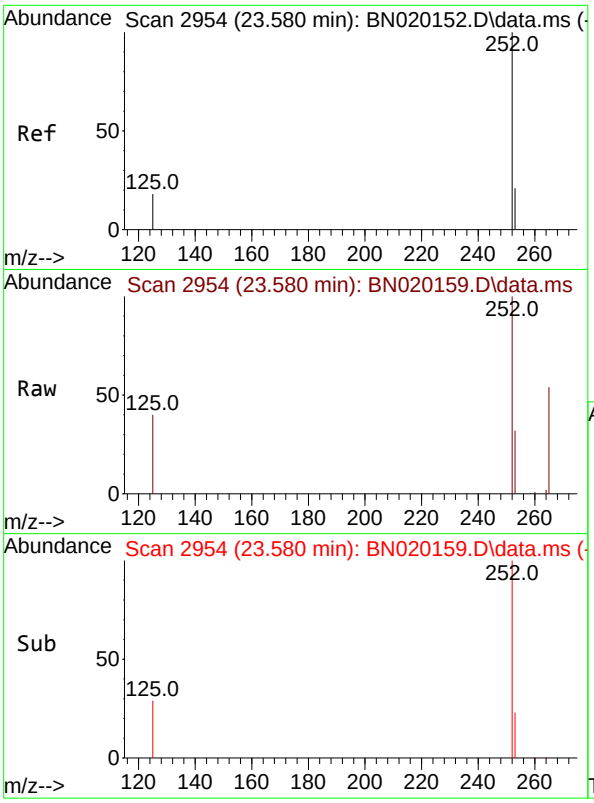


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.021 min Scan# 2763
Delta R.T. -0.003 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:252 Resp: 17447

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.0	27.0#
125	19.7	11.0	16.4#



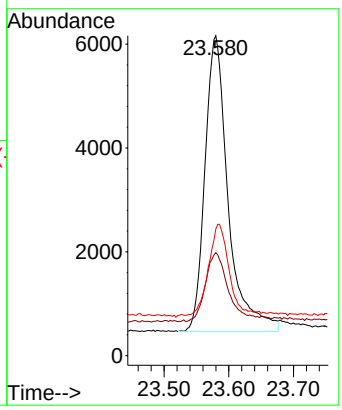


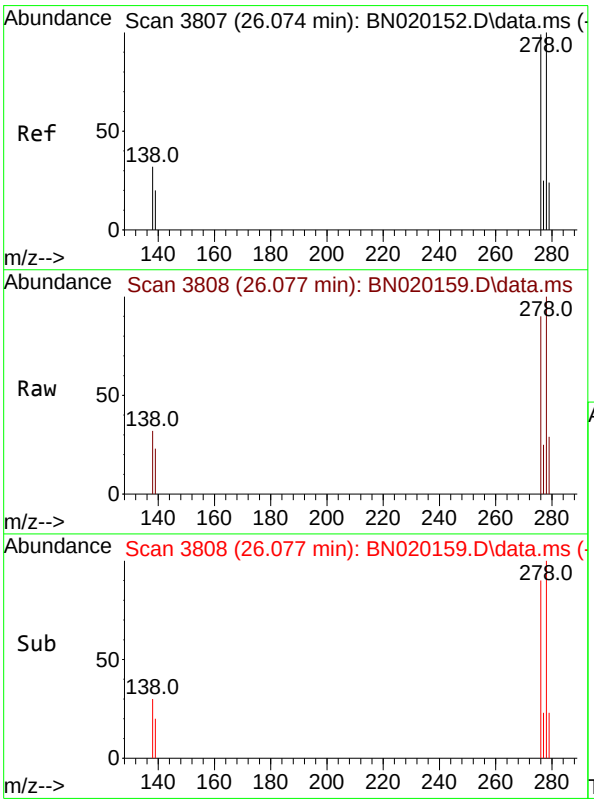
#39
Benzo(a)pyrene
Concen: 0.372 ng
RT: 23.580 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:252 Resp: 14217

Ion	Ratio	Lower	Upper
252	100		
253	32.2	19.0	28.4#
125	39.5	13.8	20.8#

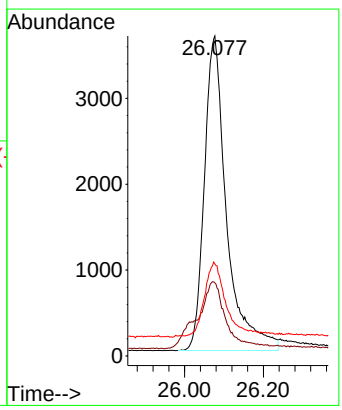


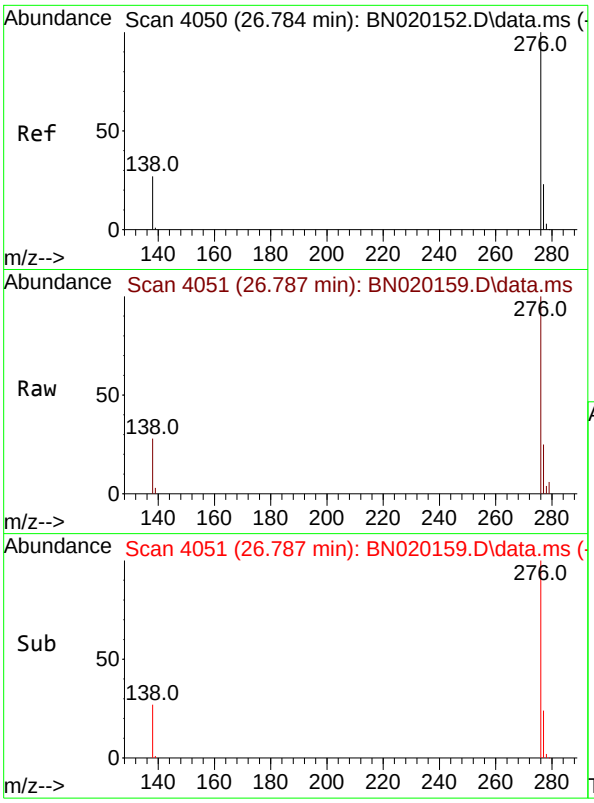


#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 26.077 min Scan# 3808
Delta R.T. 0.003 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Tgt Ion:278 Resp: 14324

Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.6	28.0
279	28.8	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.381 ng
RT: 26.787 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN020159.D
Acq: 14 Jun 2022 16:34

Instrument :
BNA_N
ClientSampleId :
PB145484BS

Tgt Ion:276 Resp: 15770

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	28.3	22.6	34.0