Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030722\
Data File : BN018858.D
Acq On : 07 Mar 2022 14:55
Operator : CG/JU
Sample : PB143119BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Quant Time: Mar 08 02:21:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:44:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	3742	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	10921	0.400	ng		#-0.01
13) Acenaphthene-d10	14.538	164	7033	0.400	ng		0.00
19) Phenanthrene-d10	17.277	188	16611	0.400	ng		0.00
29) Chrysene-d12	21.458	240	17343	0.400	ng		0.00
35) Perylene-d12	23.852	264	15579	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3309	0.404	ng		0.00
5) Phenol-d6	7.067	99	4067	0.414	ng		0.00
8) Nitrobenzene-d5	9.067	82	2790	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	6597	0.371	ng		0.00
14) 2,4,6-Tribromophenol	16.025	330	1205	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.169	172	9664	0.321	ng		0.00
27) Fluoranthene-d10	19.307	212	18059	0.369	ng		0.00
31) Terphenyl-d14	19.902	244	11627	0.314	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	1478	0.353	ng		97
3) n-Nitrosodimethylamine	3.637	42	1718	0.389	ng		99
6) bis(2-Chloroethyl)ether	7.327	93	3757	0.355	ng		99
9) Naphthalene	10.765	128	10323	0.330	ng		99
10) Hexachlorobutadiene	11.064	225	2142	0.301	ng	#	99
12) 2-Methylnaphthalene	12.378	142	7276	0.334	ng		98
16) Acenaphthylene	14.260	152	9642	0.301	ng		99
17) Acenaphthene	14.602	154	7540	0.331	ng		98
18) Fluorene	15.586	166	9904	0.334	ng		100
20) 4,6-Dinitro-2-methylph...	15.660	198	840	0.387	ng		96
21) 4-Bromophenyl-phenylether	16.477	248	3206	0.290	ng		97
22) Hexachlorobenzene	16.600	284	3869	0.280	ng		99
23) Atrazine	16.733	200	2332	0.357	ng		96
24) Pentachlorophenol	16.938	266	1390	0.498	ng		98
25) Phenanthrene	17.318	178	18041	0.327	ng		100
26) Anthracene	17.410	178	14486	0.312	ng		100
28) Fluoranthene	19.337	202	21486	0.343	ng		100
30) Pyrene	19.699	202	22292	0.288	ng		99
32) Benzo(a)anthracene	21.440	228	21400	0.329	ng		99
33) Chrysene	21.494	228	24386	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.369	149	23891	0.594	ng		99
36) Indeno(1,2,3-cd)pyrene	26.334	276	25712	0.367	ng		99
37) Benzo(b)fluoranthene	23.121	252	26085	0.360	ng		97
38) Benzo(k)fluoranthene	23.168	252	24601	0.344	ng		99
39) Benzo(a)pyrene	23.746	252	20665	0.371	ng	#	94
40) Dibenzo(a,h)anthracene	26.351	278	20254	0.377	ng		99
41) Benzo(g,h,i)perylene	27.097	276	21117	0.366	ng		99

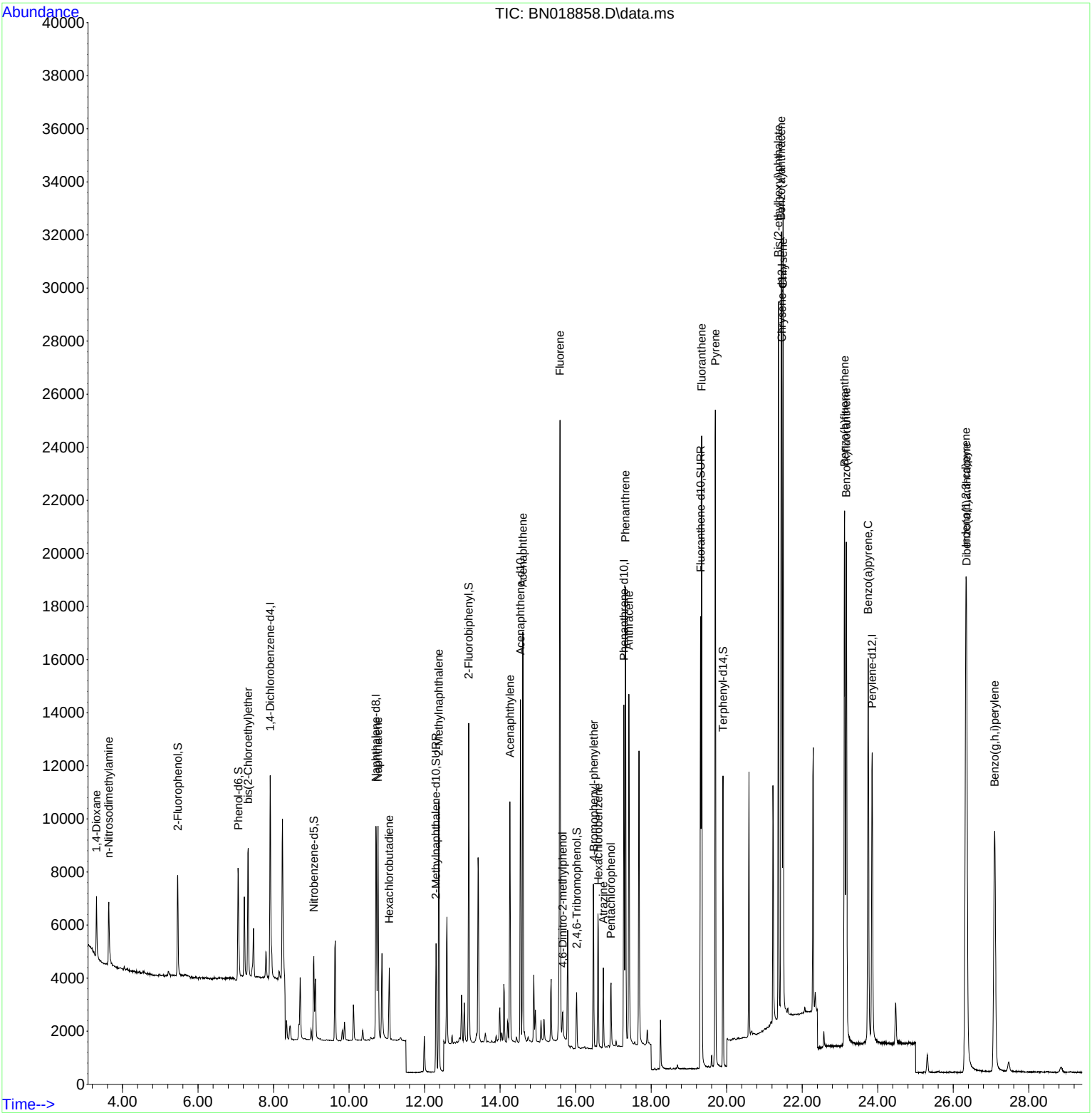
(#) = qualifier out of range (m) = manual integration (+) = signals summed

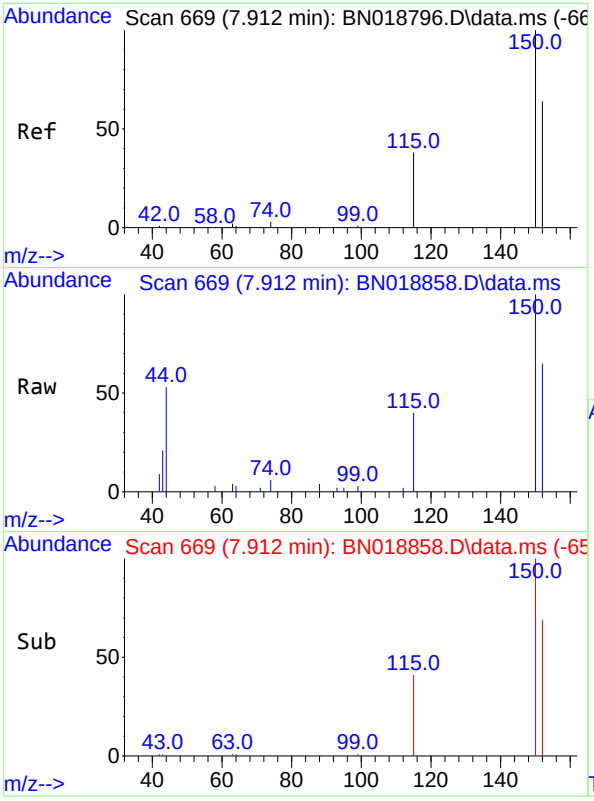
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030722\
Data File : BN018858.D
Acq On : 07 Mar 2022 14:55
Operator : CG/JU
Sample : PB143119BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Quant Time: Mar 08 02:21:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:44:34 2022
Response via : Initial Calibration



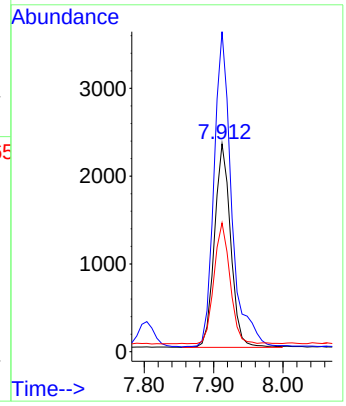


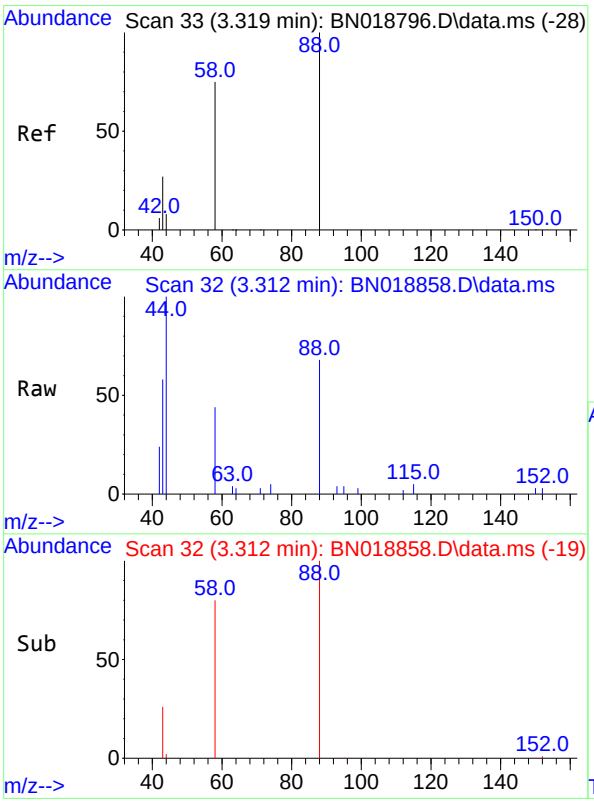
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.912 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:152 Resp: 3742

Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.9	185.9
115	62.0	48.2	72.4

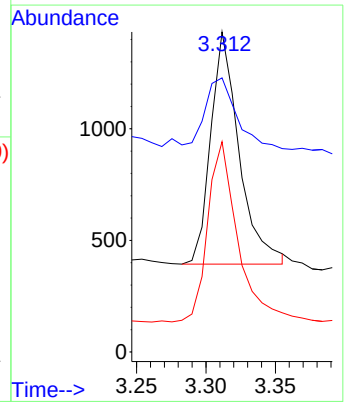


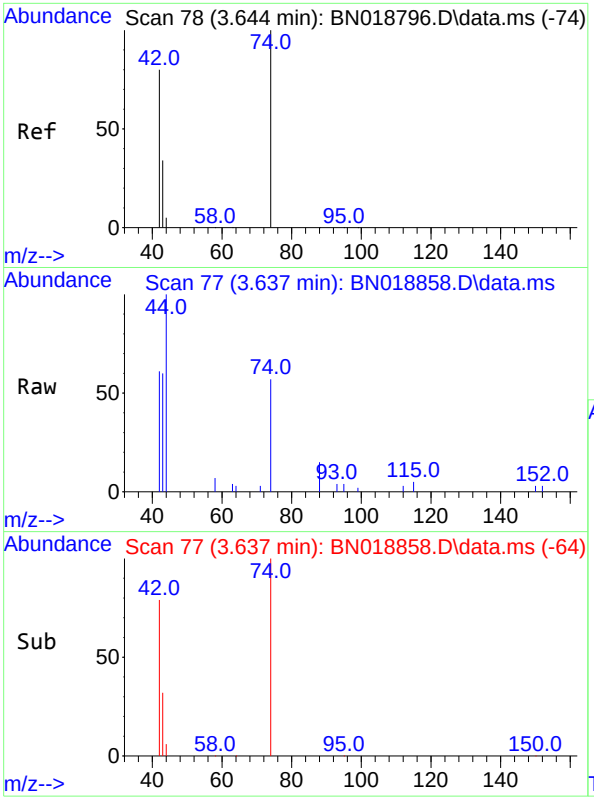


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.312 min Scan# 32
Delta R.T. -0.007 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion: 88 Resp: 1478

Ion	Ratio	Lower	Upper
88	100		
43	35.5	24.6	37.0
58	82.0	65.4	98.2



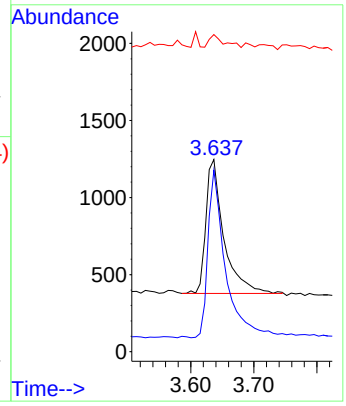


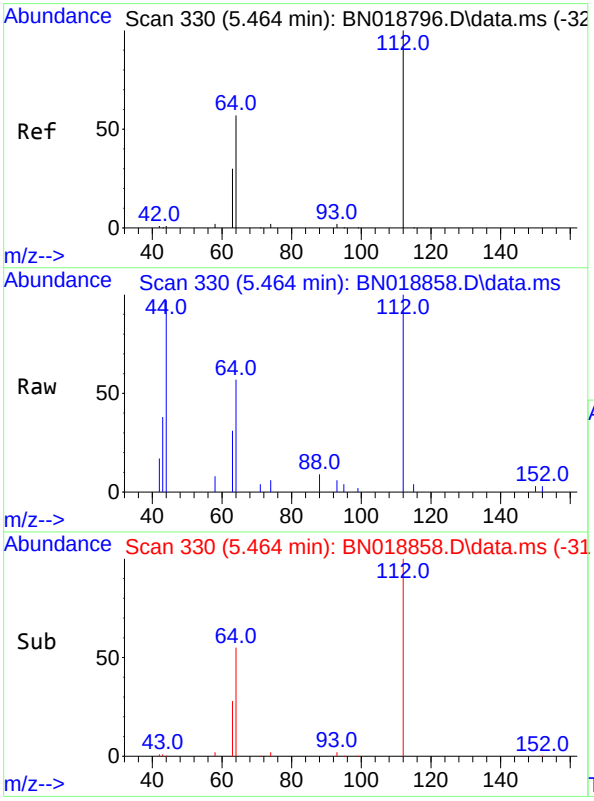
#3
n-Nitrosodimethylamine
Concen: 0.389 ng
RT: 3.637 min Scan# 7
Delta R.T. -0.007 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion: 42 Resp: 1718

Ion	Ratio	Lower	Upper
42	100		
74	121.9	96.9	145.3
44	8.7	7.3	10.9

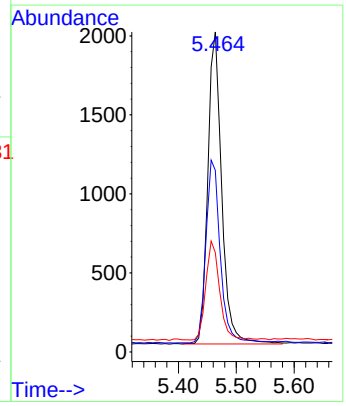


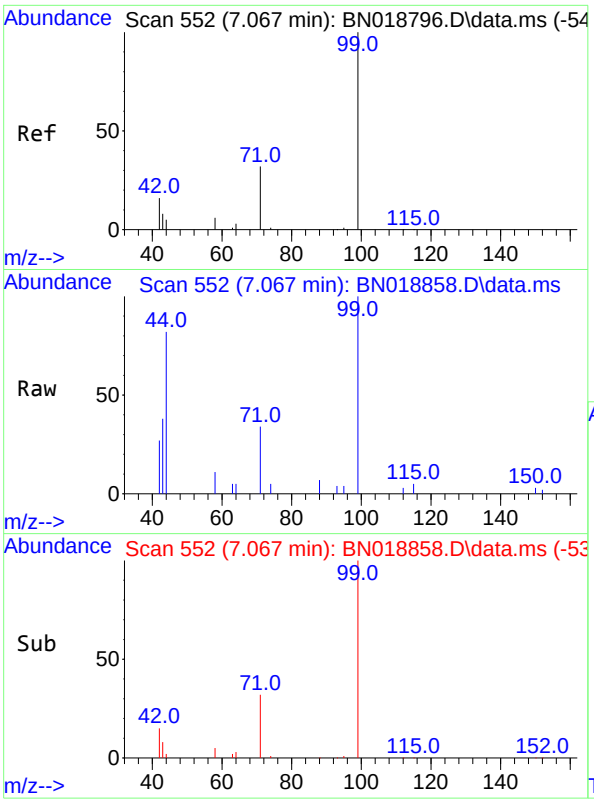


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.464 min Scan# 330
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:112 Resp: 3309

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.8	71.8
63	31.5	25.7	38.5



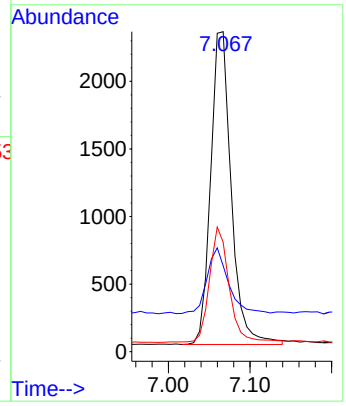


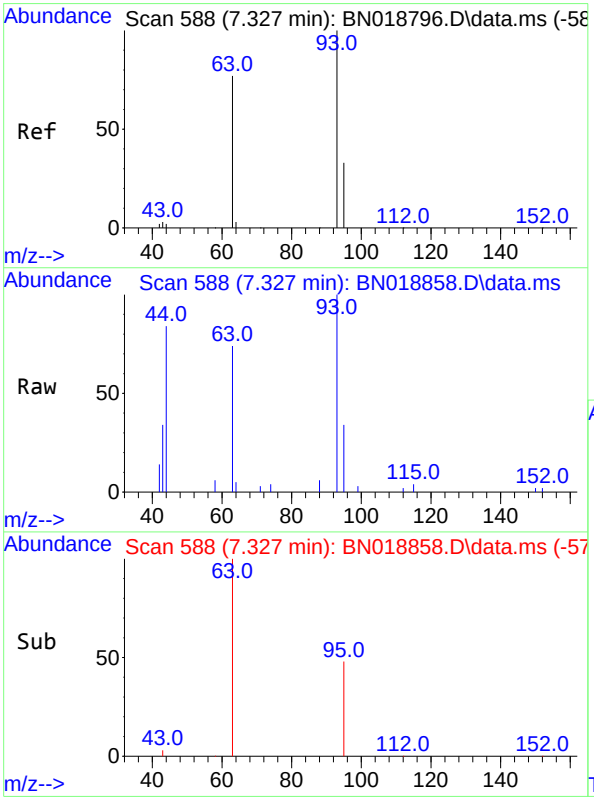
#5
Phenol-d6
Concen: 0.414 ng
RT: 7.067 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion: 99 Resp: 4067

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.2	24.4
71	35.2	27.7	41.5

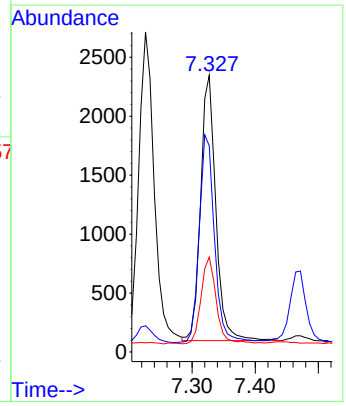


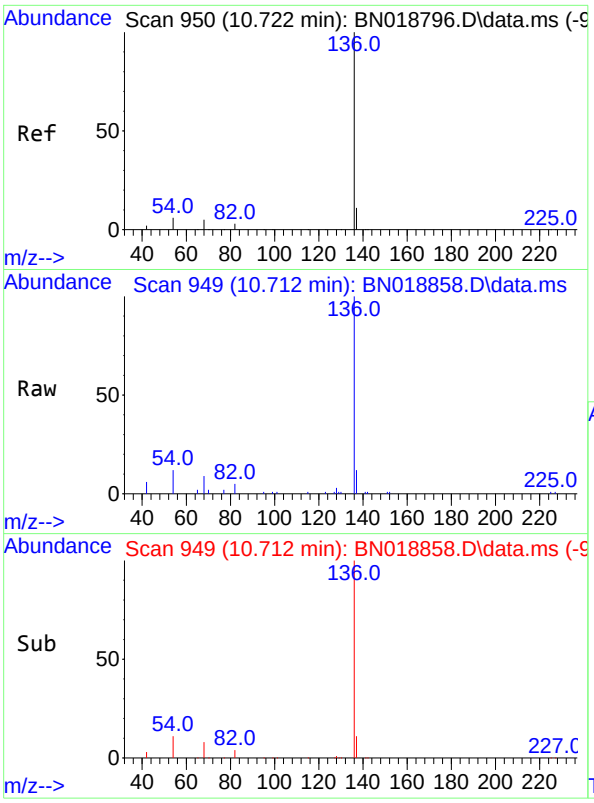


#6
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion: 93 Resp: 3757

Ion	Ratio	Lower	Upper
93	100		
63	79.2	62.8	94.2
95	32.8	26.2	39.4



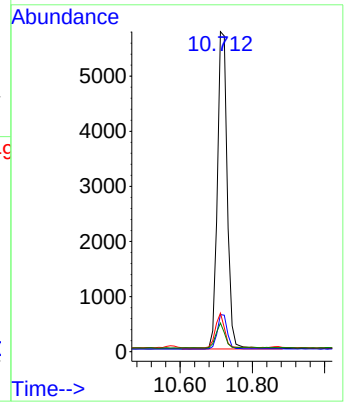


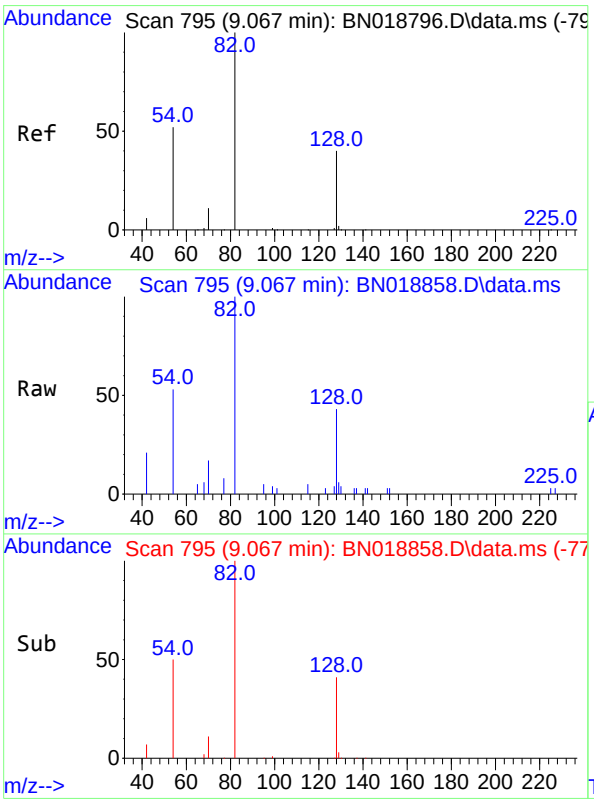
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.712 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:136 Resp: 10921

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.1	5.8	8.6#
68	9.0	4.6	7.0#

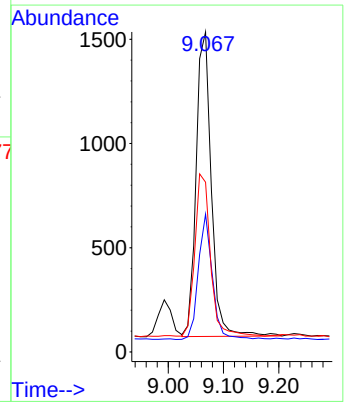


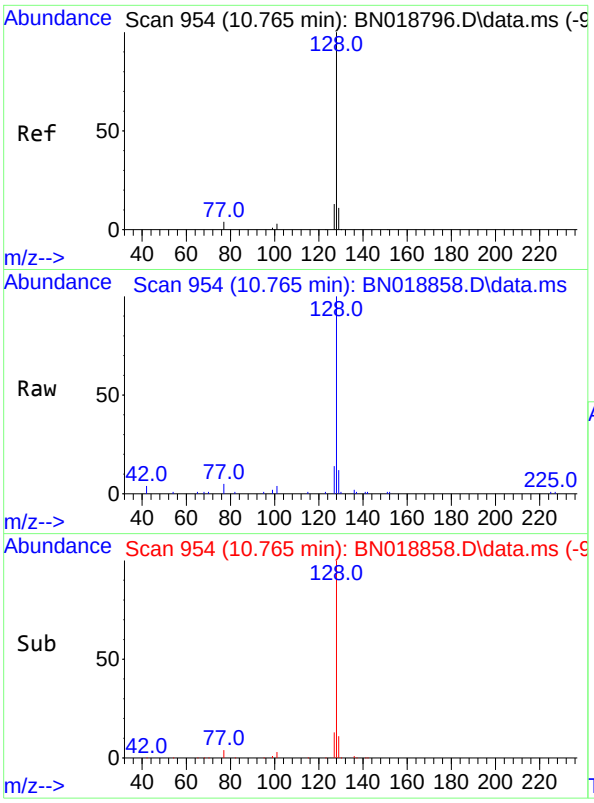


#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion: 82 Resp: 2790

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.0	49.6
54	53.0	42.5	63.7



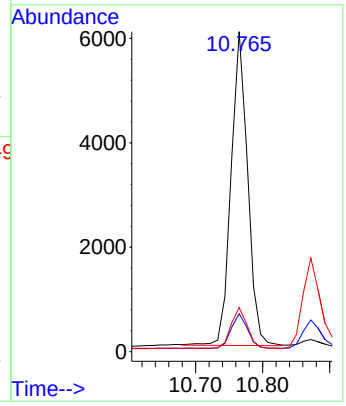


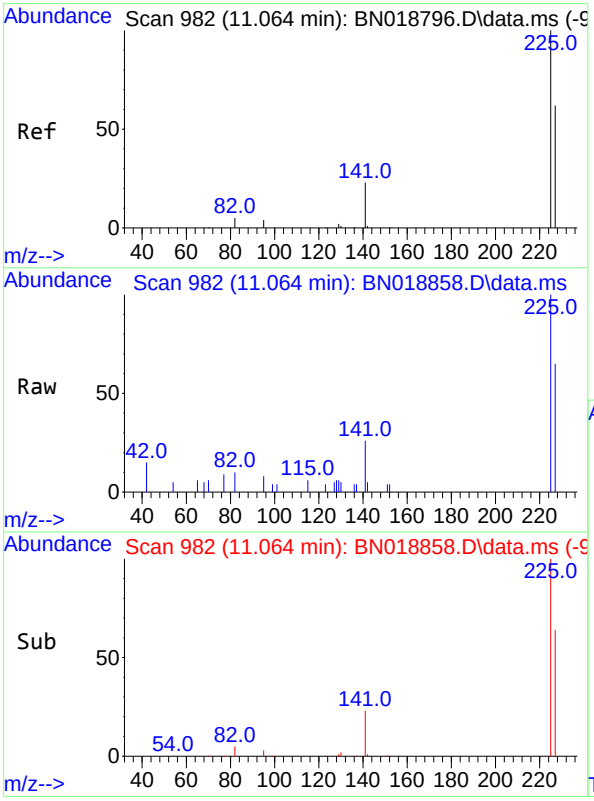
#9
Naphthalene
Concen: 0.330 ng
RT: 10.765 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:128 Resp: 10323

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	13.8	10.7	16.1

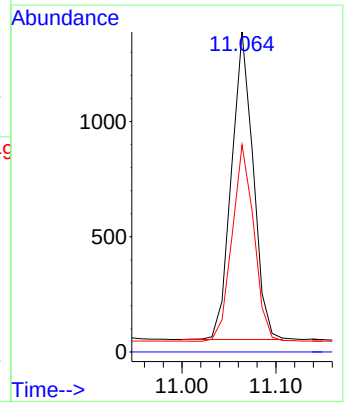


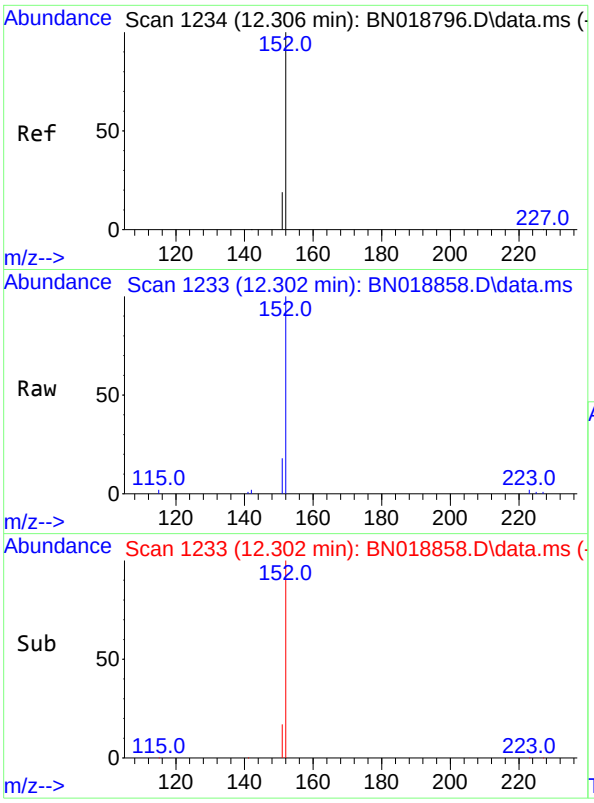


#10
Hexachlorobutadiene
Concen: 0.301 ng
RT: 11.064 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:225 Resp: 2142

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.0	76.6



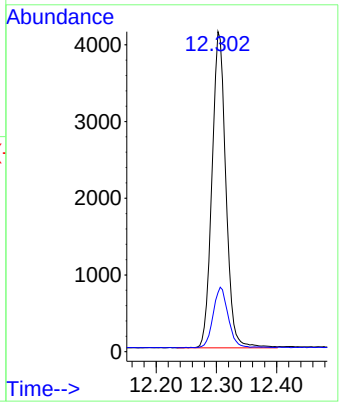


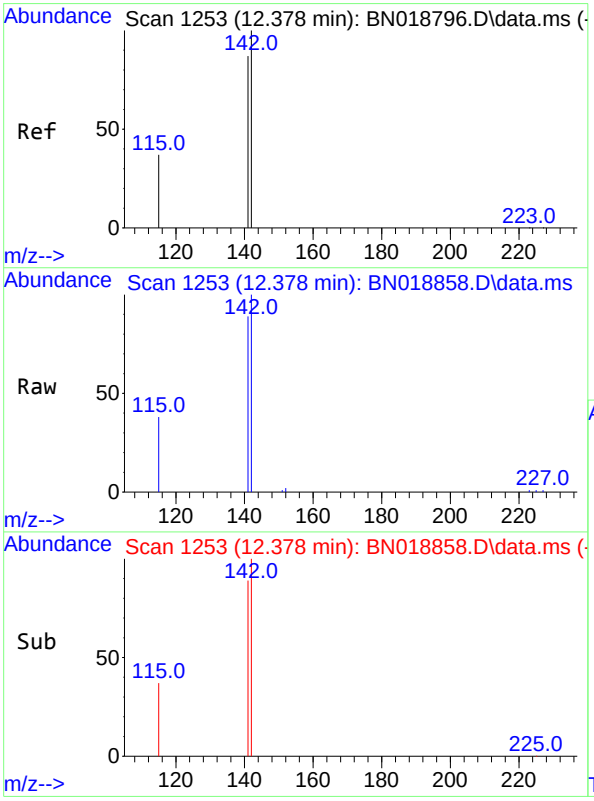
#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.302 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:152 Resp: 6597

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

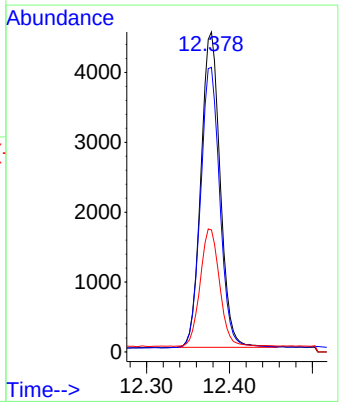


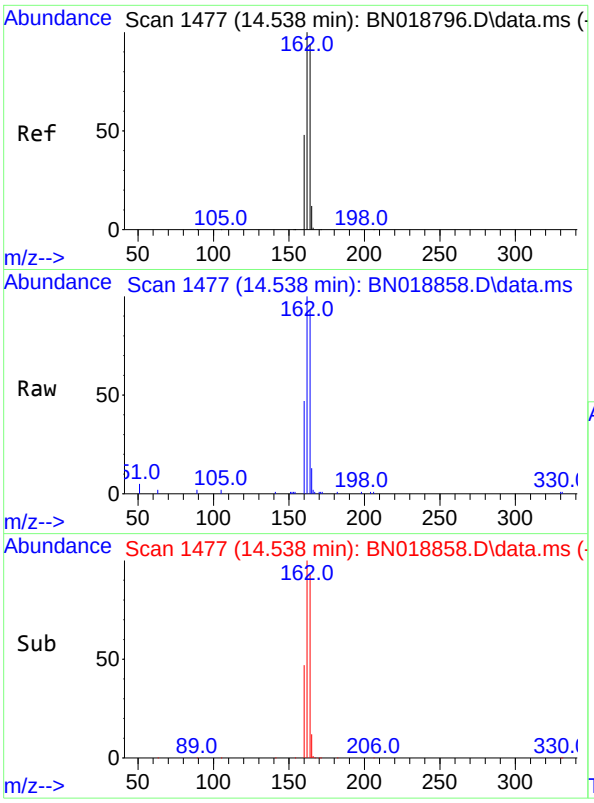


#12
2-Methylnaphthalene
Concen: 0.334 ng
RT: 12.378 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:142 Resp: 7276

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.0	105.0
115	38.2	29.8	44.8



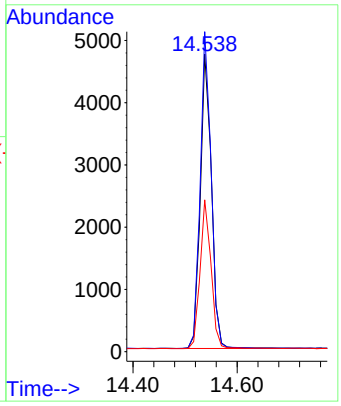


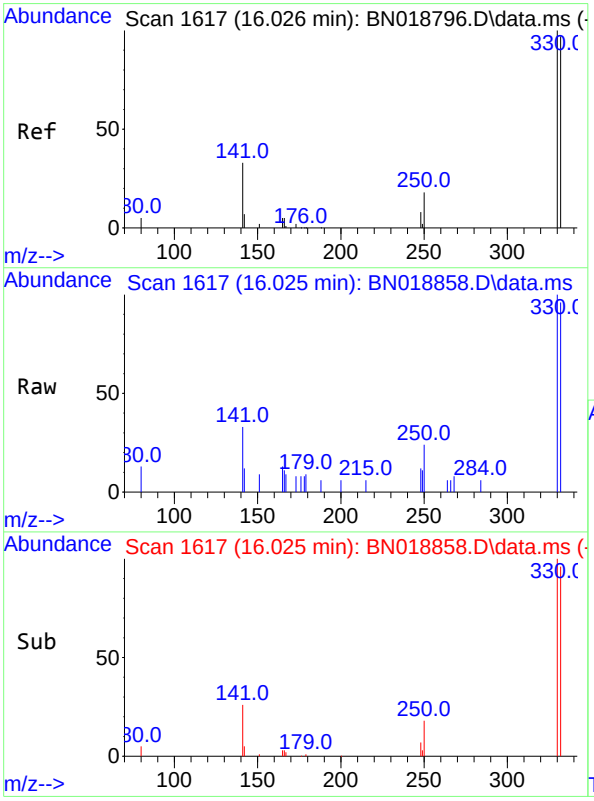
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.538 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:164 Resp: 7033

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.2	127.8
160	51.0	41.5	62.3

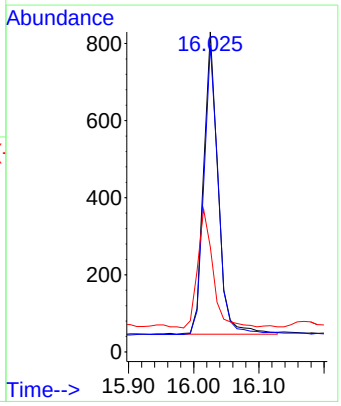


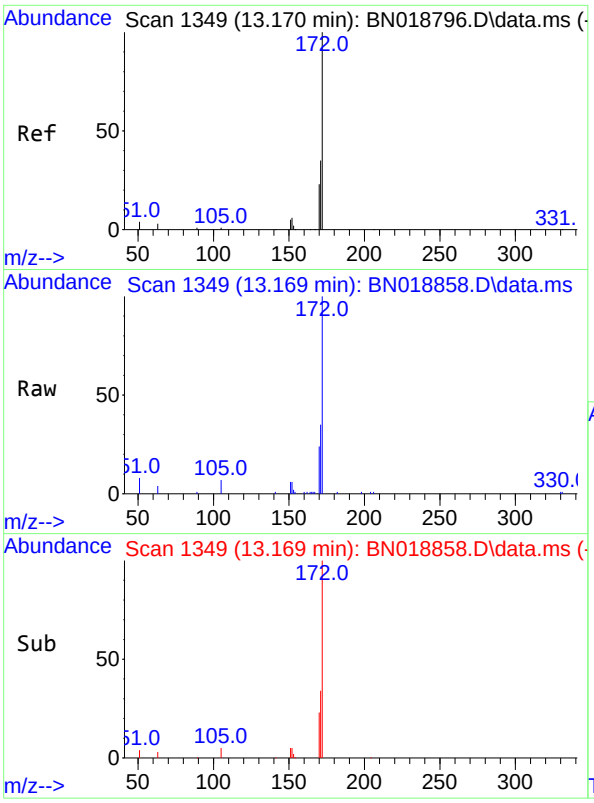


#14
2,4,6-Tribromophenol
Concen: 0.372 ng
RT: 16.025 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:330 Resp: 1205

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	40.1	32.2	48.2



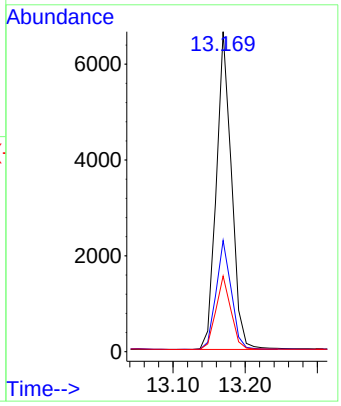


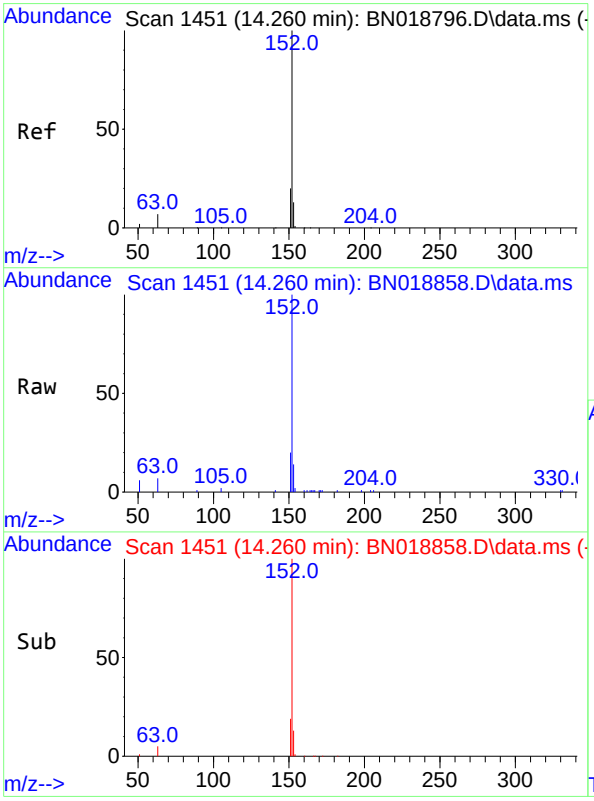
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:172 Resp: 9664

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.2
170	23.7	18.7	28.1

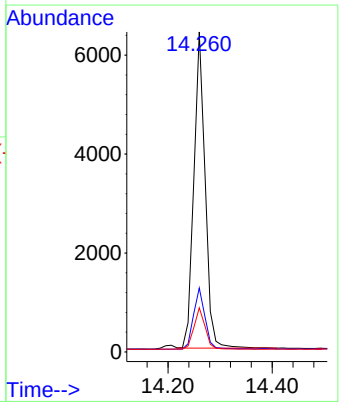


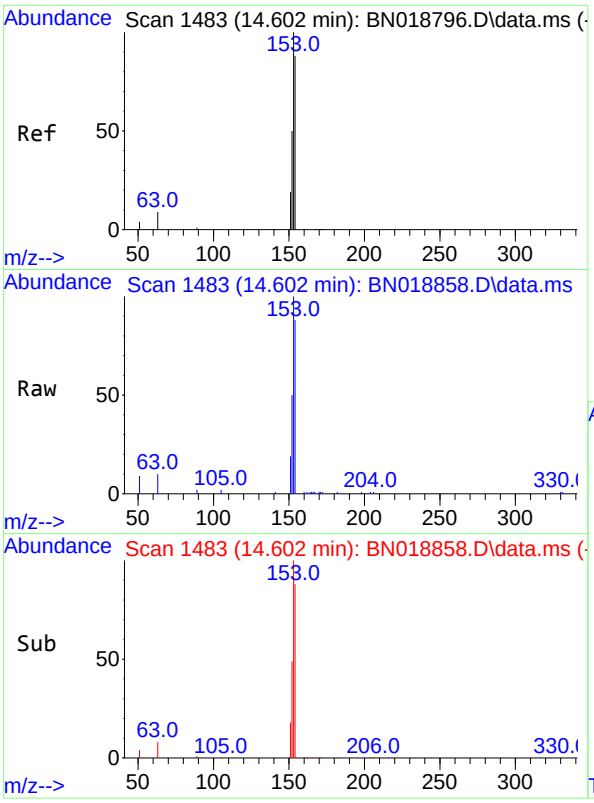


#16
Acenaphthylene
Concen: 0.301 ng
RT: 14.260 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:152 Resp: 9642

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.6	10.6	15.8



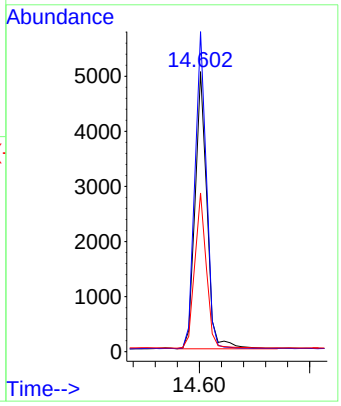


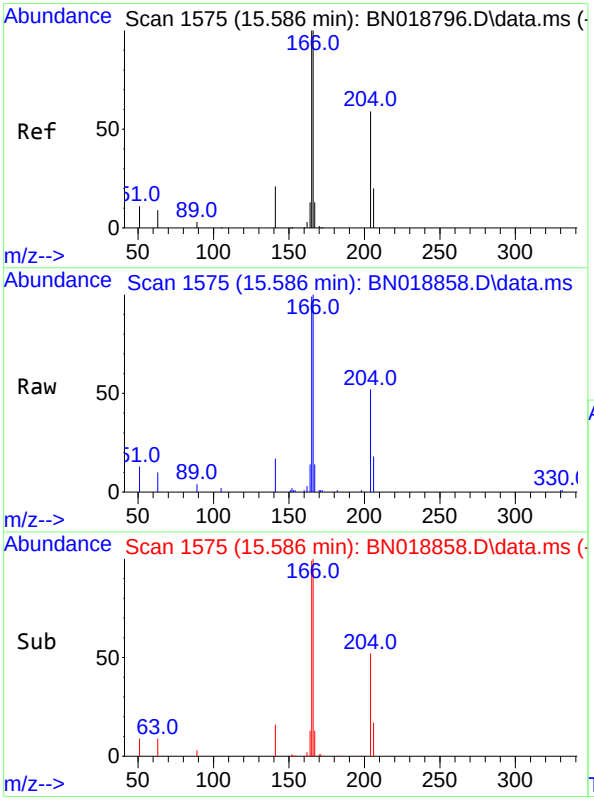
#17
Acenaphthene
Concen: 0.331 ng
RT: 14.602 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:154 Resp: 7540

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.7	134.5
152	54.4	44.7	67.1

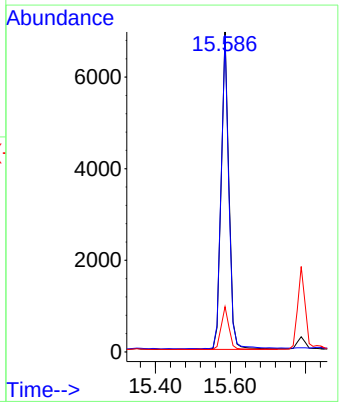


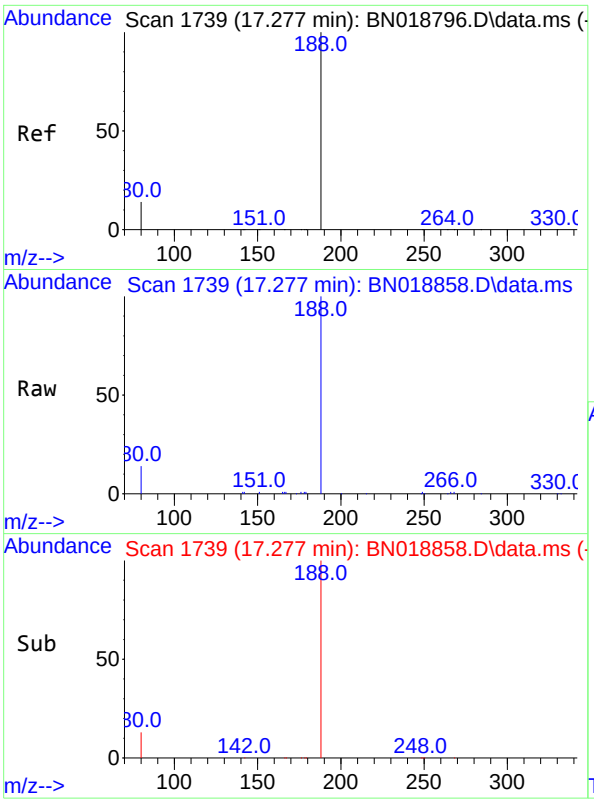


#18
Fluorene
Concen: 0.334 ng
RT: 15.586 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:166 Resp: 9904

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	13.6	10.7	16.1



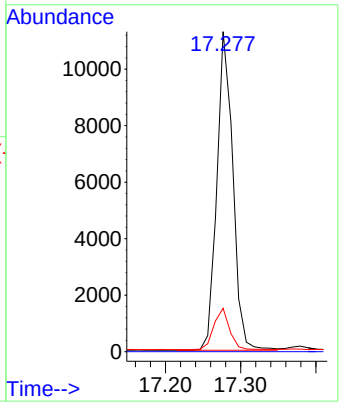


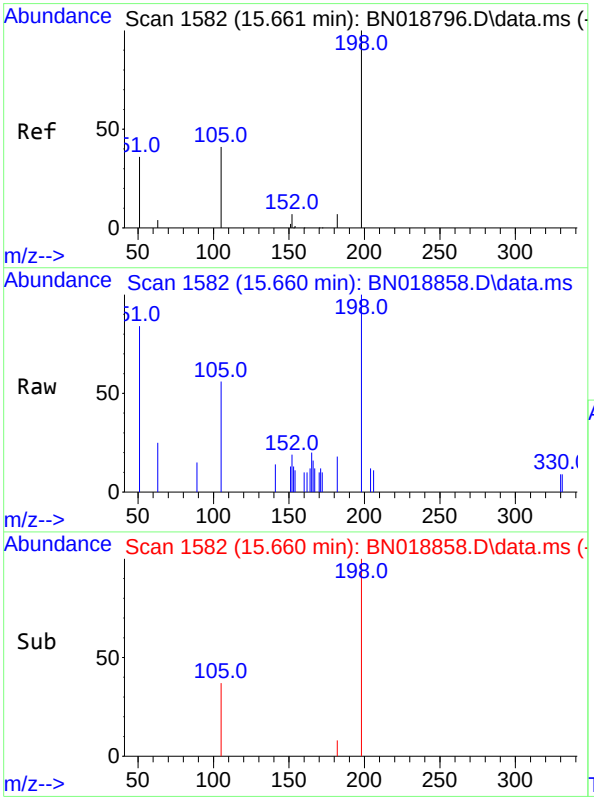
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.277 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:188 Resp: 16611

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	11.8	17.8

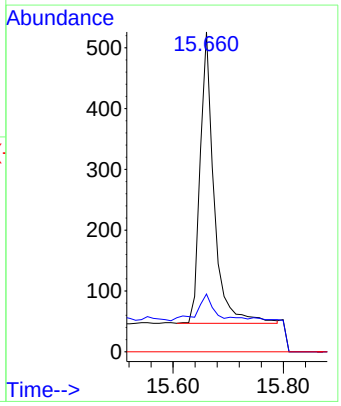


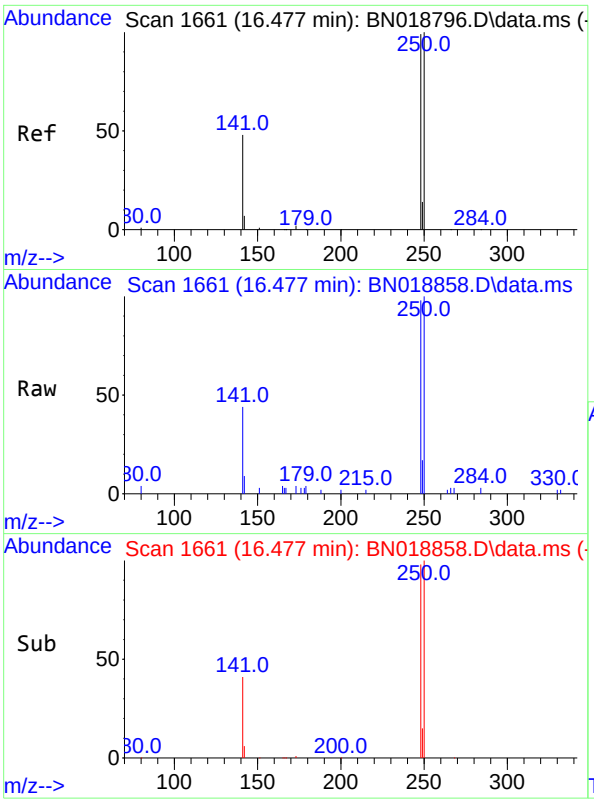


#20
4,6-Dinitro-2-methylphenol
Concen: 0.387 ng
RT: 15.660 min Scan# 1582
Delta R.T. -0.001 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:198 Resp: 840

Ion	Ratio	Lower	Upper
198	100		
182	18.1	13.0	19.4
77	0.0	0.0	0.0



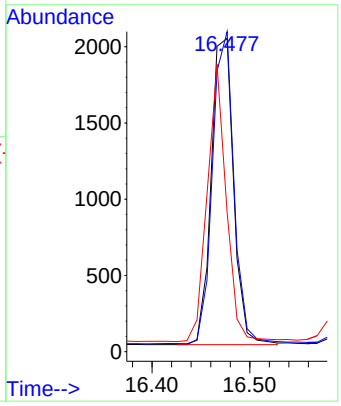


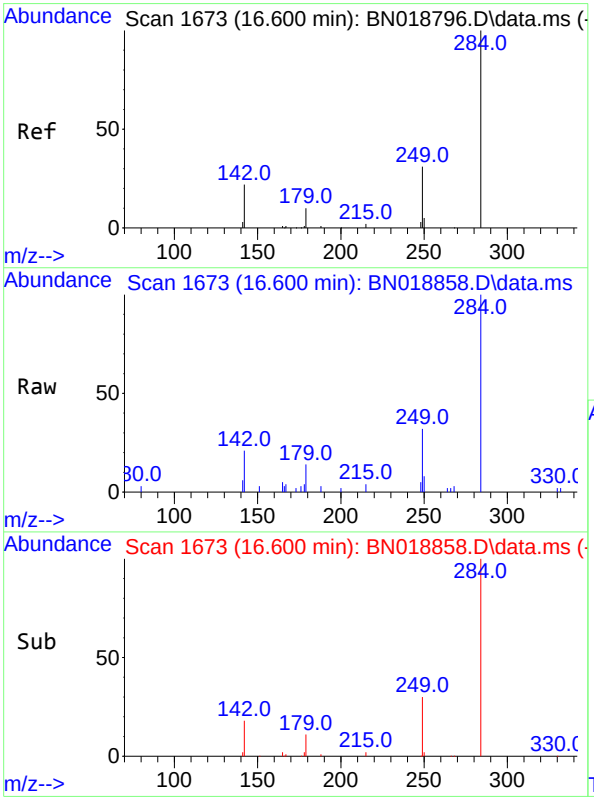
#21
4-Bromophenyl-phenylether
Concen: 0.290 ng
RT: 16.477 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:248 Resp: 3206

Ion	Ratio	Lower	Upper
248	100		
250	102.1	80.7	121.1
141	44.5	39.6	59.4

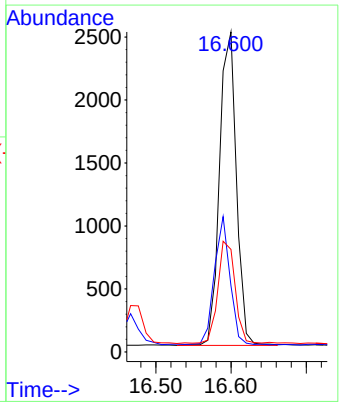


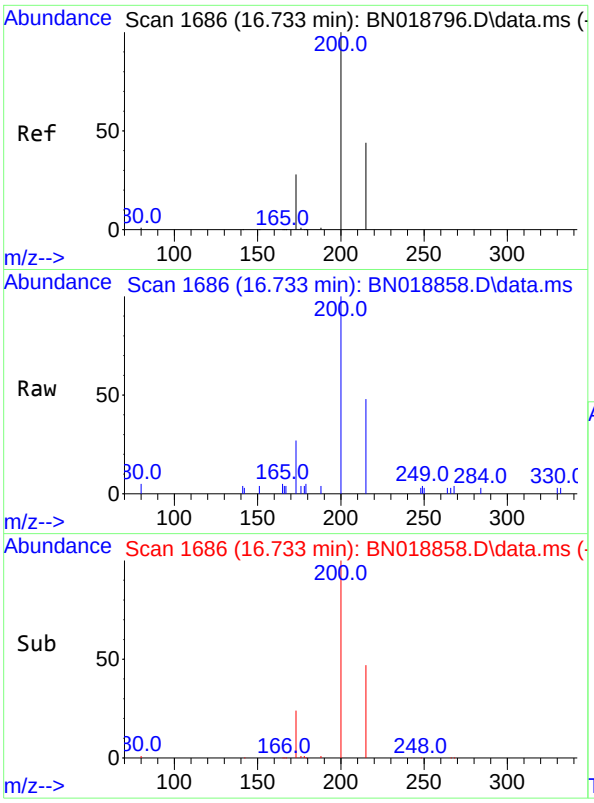


#22
Hexachlorobenzene
Concen: 0.280 ng
RT: 16.600 min Scan# 1673
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:284 Resp: 3869

Ion	Ratio	Lower	Upper
284	100		
142	37.6	29.8	44.8
249	33.3	26.2	39.2



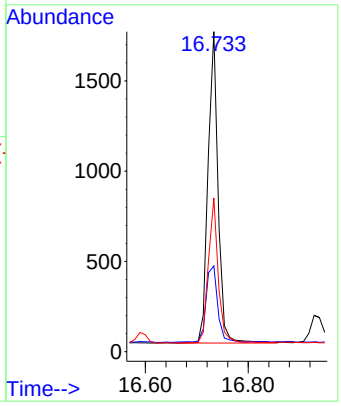


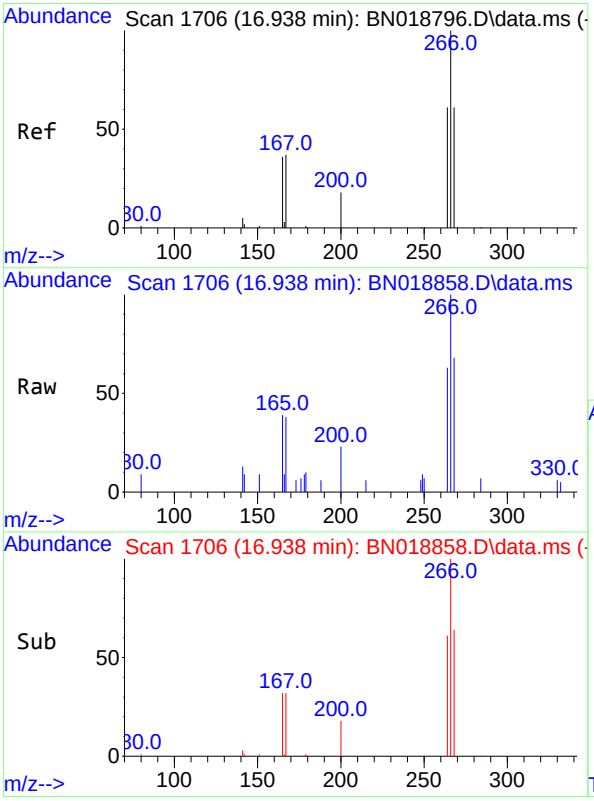
#23
Atrazine
Concen: 0.357 ng
RT: 16.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:200 Resp: 2332

Ion	Ratio	Lower	Upper
200	100		
173	26.8	23.9	35.9
215	48.1	36.6	54.8

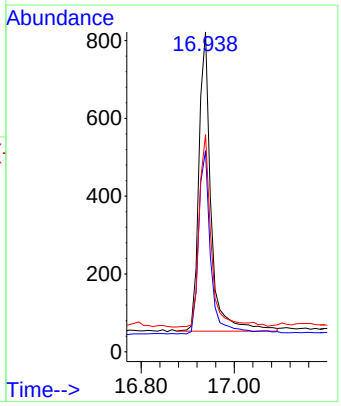


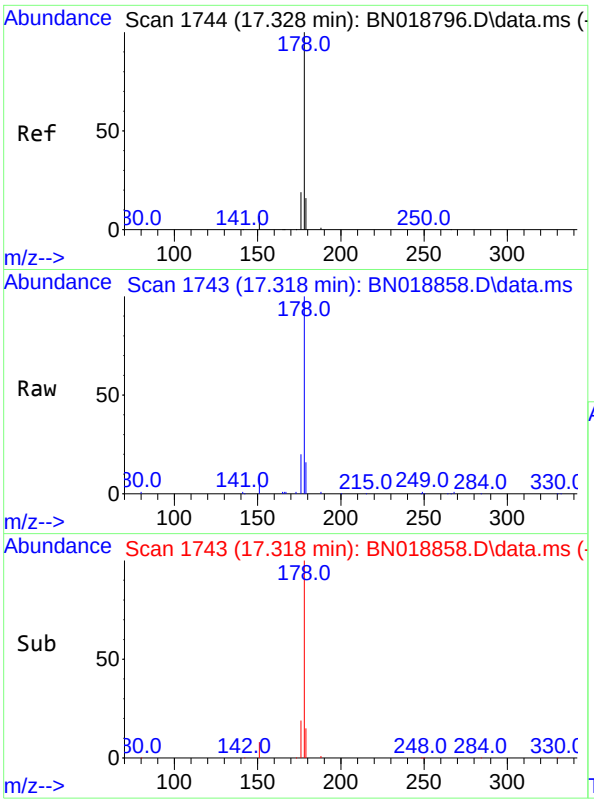


#24
Pentachlorophenol
Concen: 0.498 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:266 Resp: 1390

Ion	Ratio	Lower	Upper
266	100		
264	60.5	50.2	75.4
268	63.7	51.9	77.9



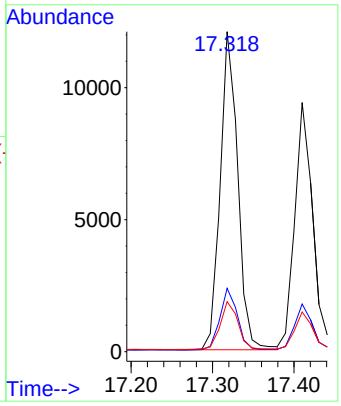


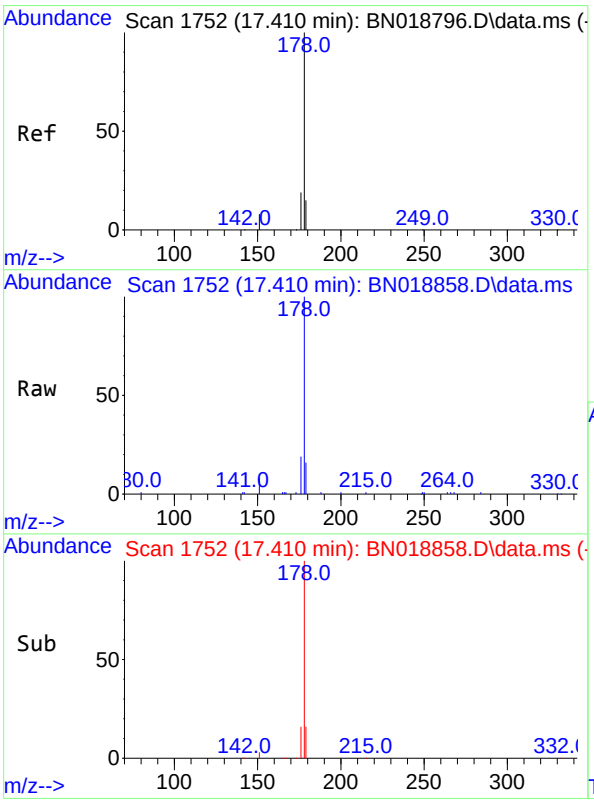
#25
Phenanthrene
Concen: 0.327 ng
RT: 17.318 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:178 Resp: 18041

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.4	12.2	18.2

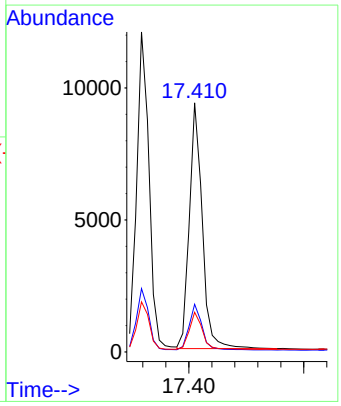


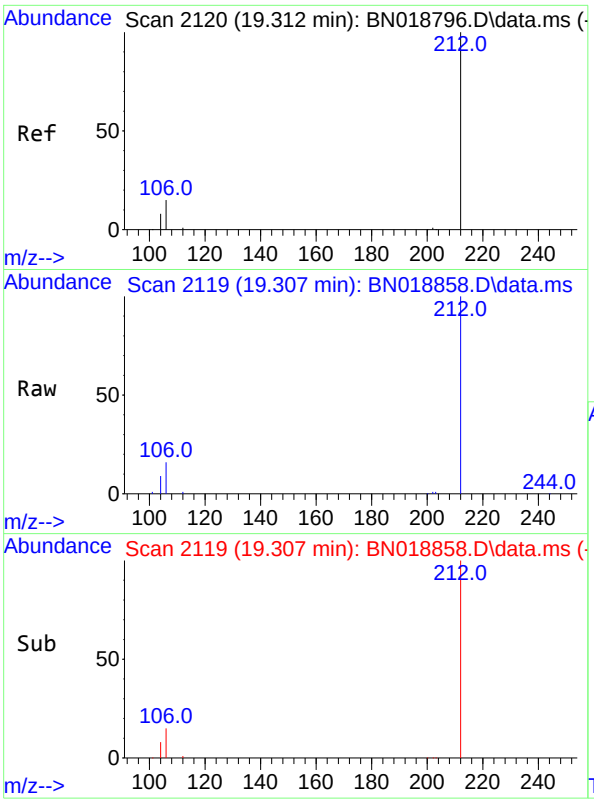


#26
Anthracene
Concen: 0.312 ng
RT: 17.410 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:178 Resp: 14486

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.3	12.2	18.4



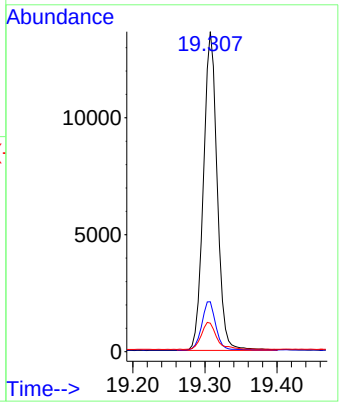


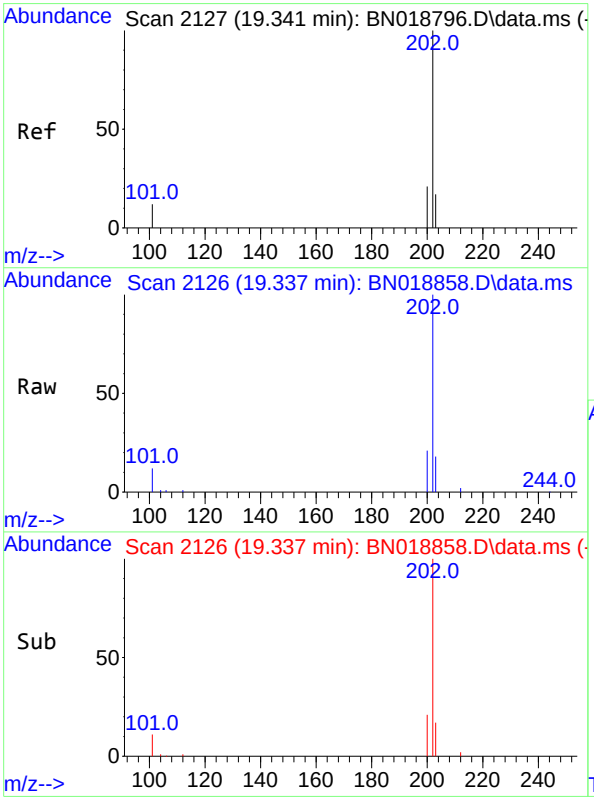
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.307 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:212 Resp: 18059

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.7	19.1
104	9.5	7.1	10.7

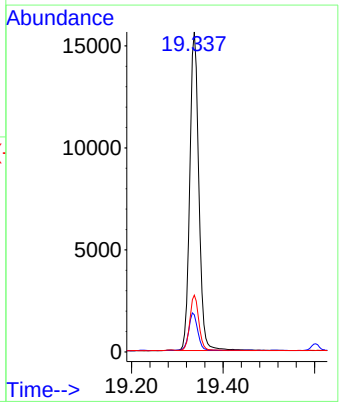


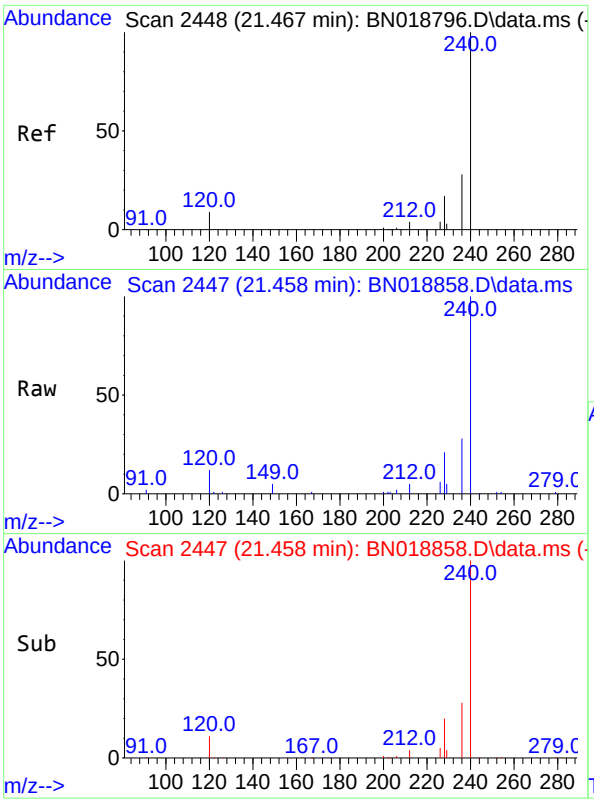


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.337 min Scan# 2126
Delta R.T. -0.004 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:202 Resp: 21486

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.8	14.6
203	17.0	13.7	20.5



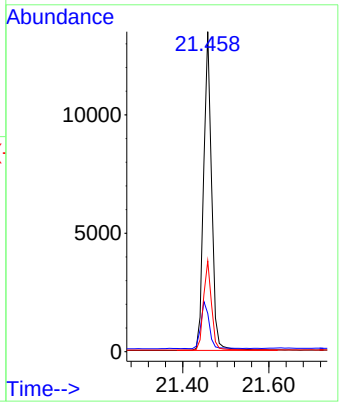


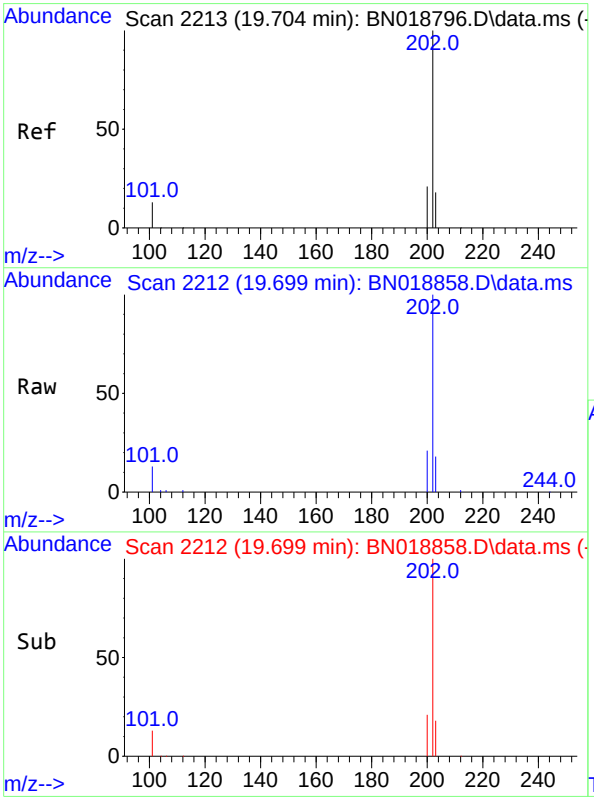
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:240 Resp: 17343

Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.5	12.7
236	28.3	22.4	33.6

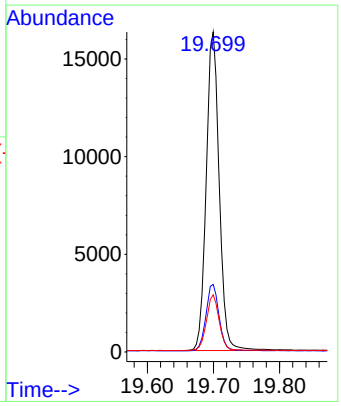


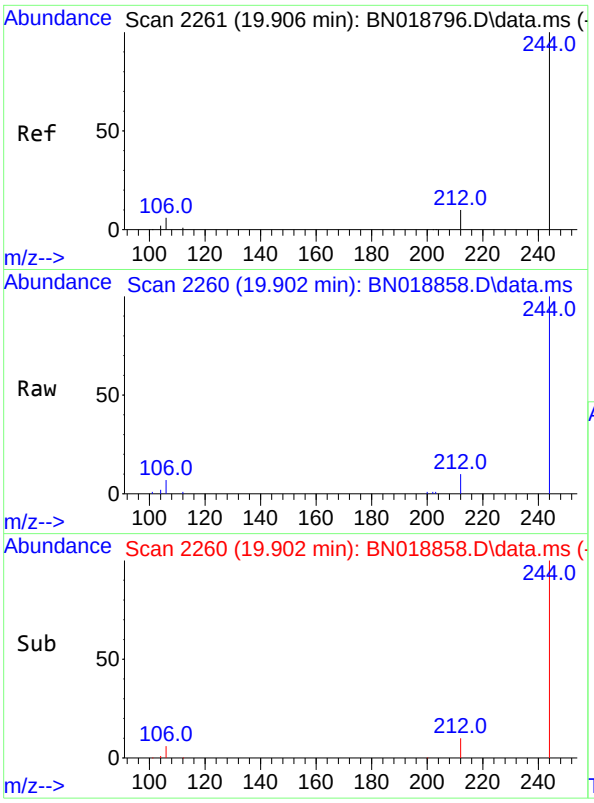


#30
Pyrene
Concen: 0.288 ng
RT: 19.699 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:202 Resp: 22292

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.4	14.2	21.2



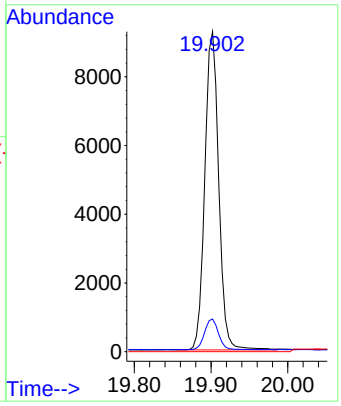


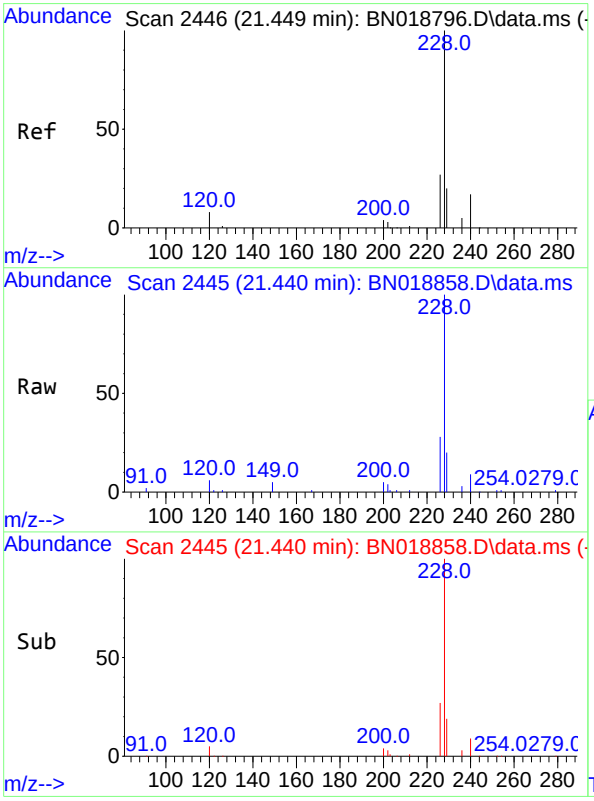
#31
Terphenyl-d14
Concen: 0.314 ng
RT: 19.902 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:244 Resp: 11627

Ion	Ratio	Lower	Upper
244	100		
212	10.2	8.2	12.4
122	0.0	0.0	0.0

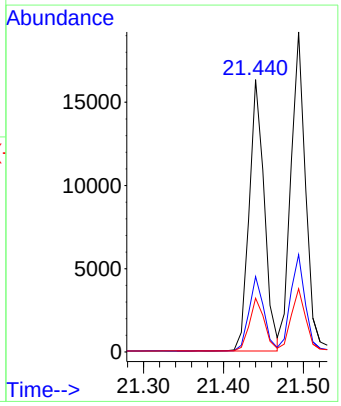


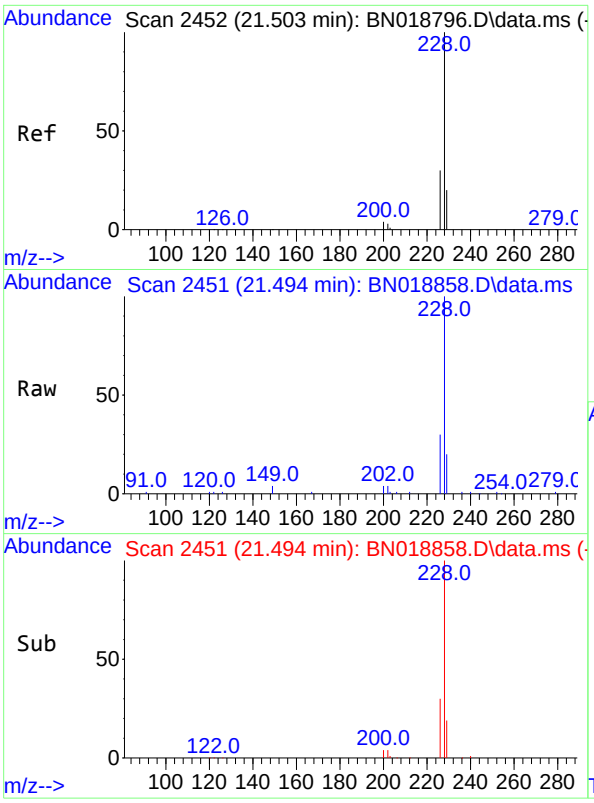


#32
Benzo(a)anthracene
Concen: 0.329 ng
RT: 21.440 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:228 Resp: 21400

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.7	16.0	24.0



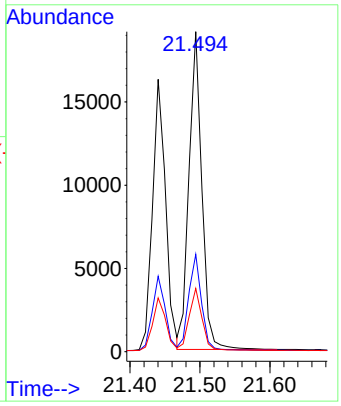


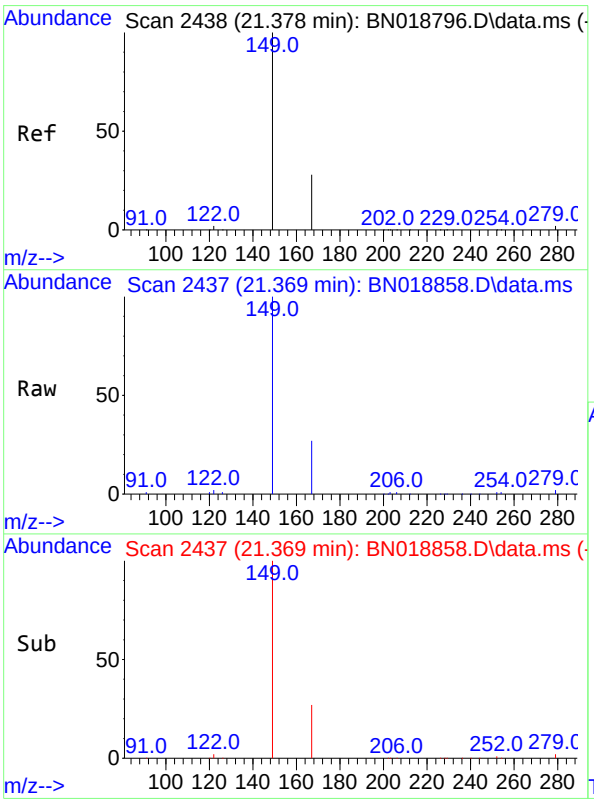
#33
Chrysene
Concen: 0.341 ng
RT: 21.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:228 Resp: 24386

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.8	15.9	23.9

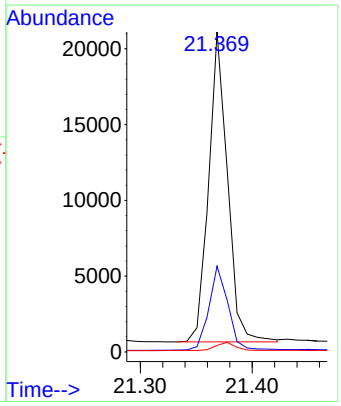


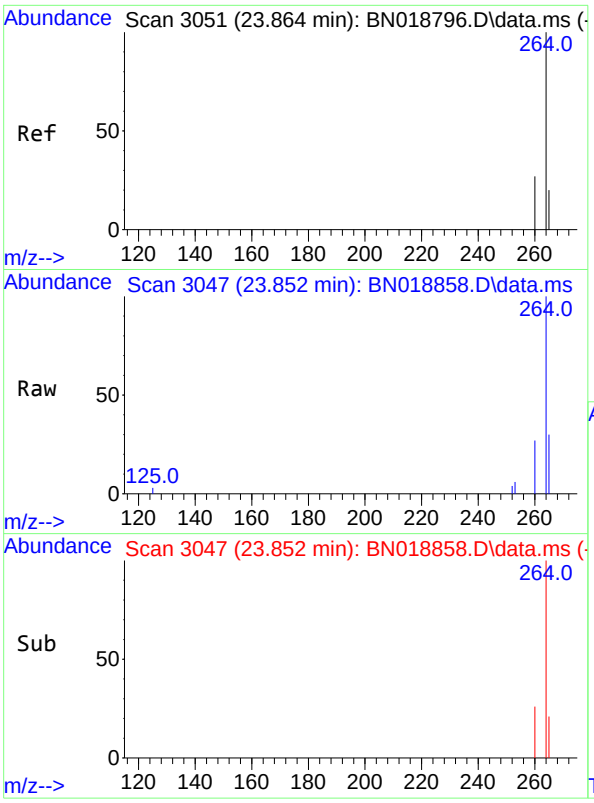


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.594 ng
RT: 21.369 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:149 Resp: 23891

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.8	32.8
279	3.0	2.0	3.0



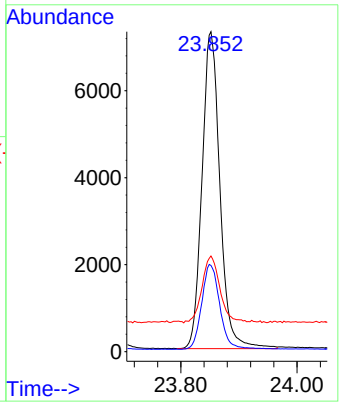


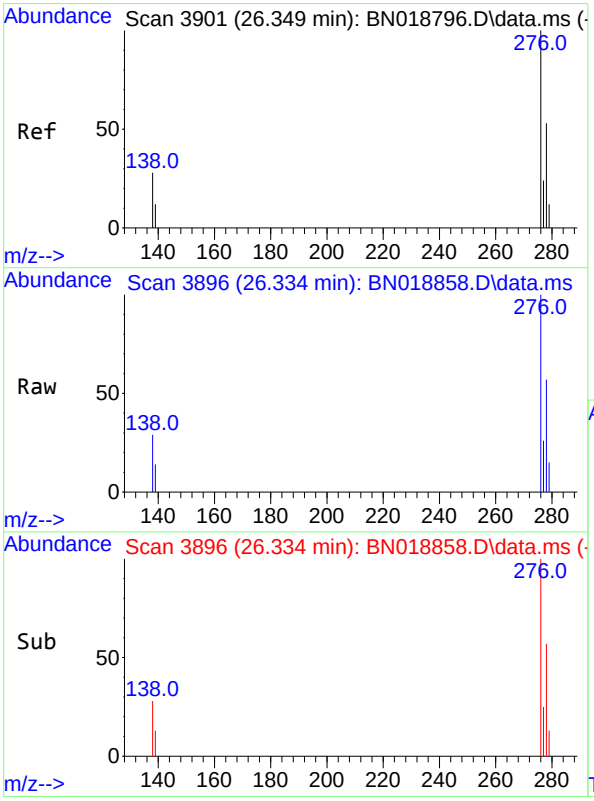
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.852 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:264 Resp: 15579

Ion	Ratio	Lower	Upper
264	100		
260	26.9	22.4	33.6
265	29.9	25.3	37.9

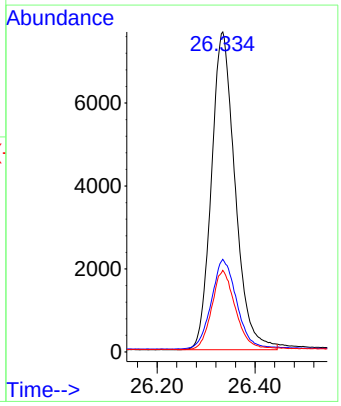


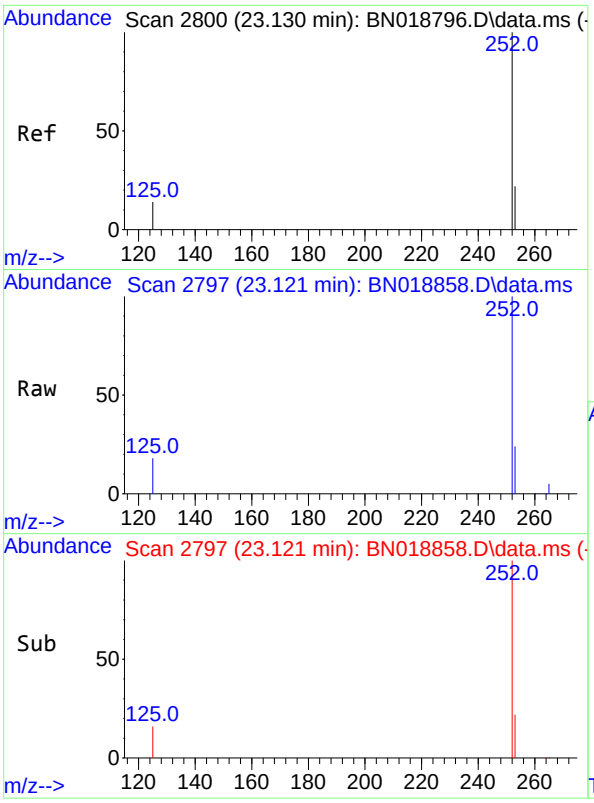


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.334 min Scan# 3896
Delta R.T. -0.015 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:276 Resp: 25712

Ion	Ratio	Lower	Upper
276	100		
138	30.2	24.5	36.7
277	25.0	19.8	29.8



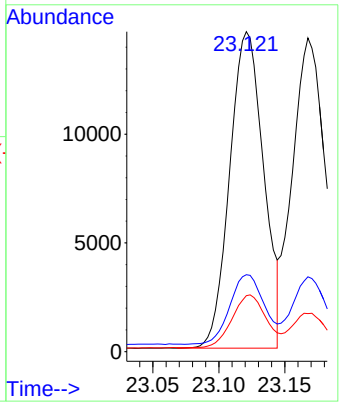


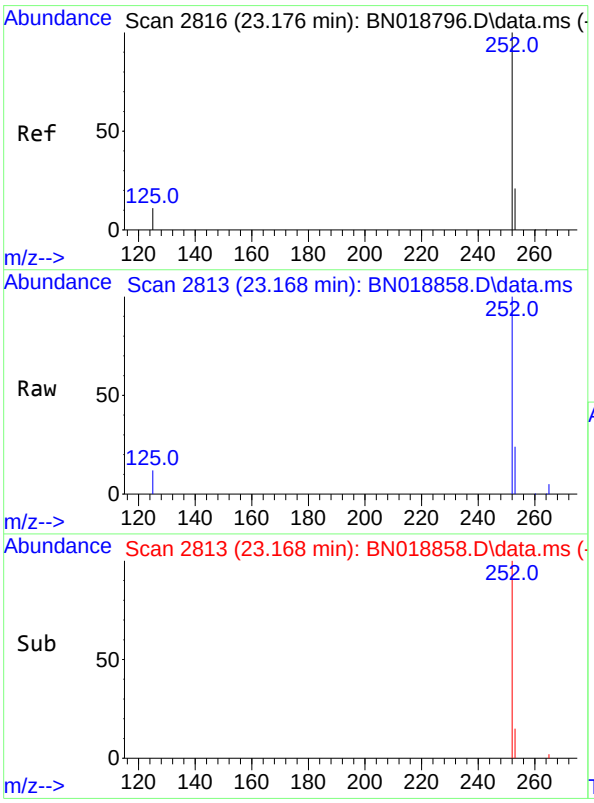
#37
Benzo(b)fluoranthene
Concen: 0.360 ng
RT: 23.121 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:252 Resp: 26085

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	17.5	12.1	18.1

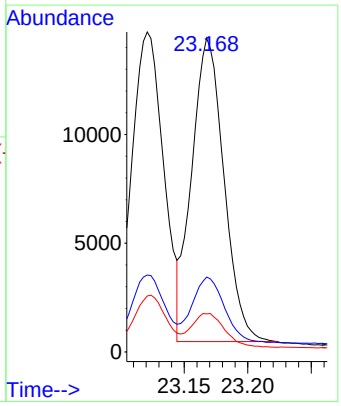


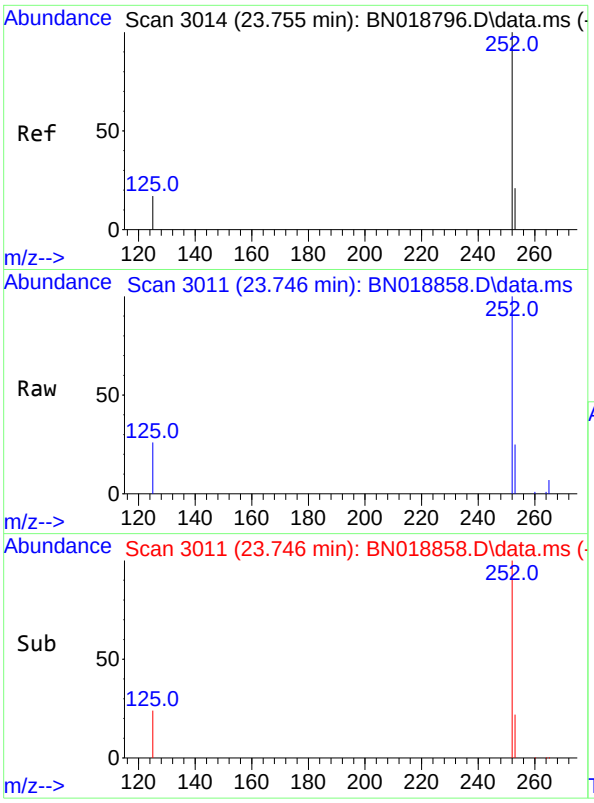


#38
Benzo(k)fluoranthene
Concen: 0.344 ng
RT: 23.168 min Scan# 2813
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:252 Resp: 24601

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	12.2	10.3	15.5



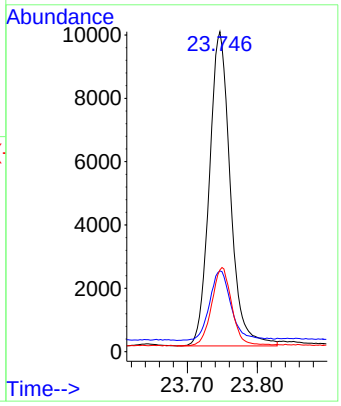


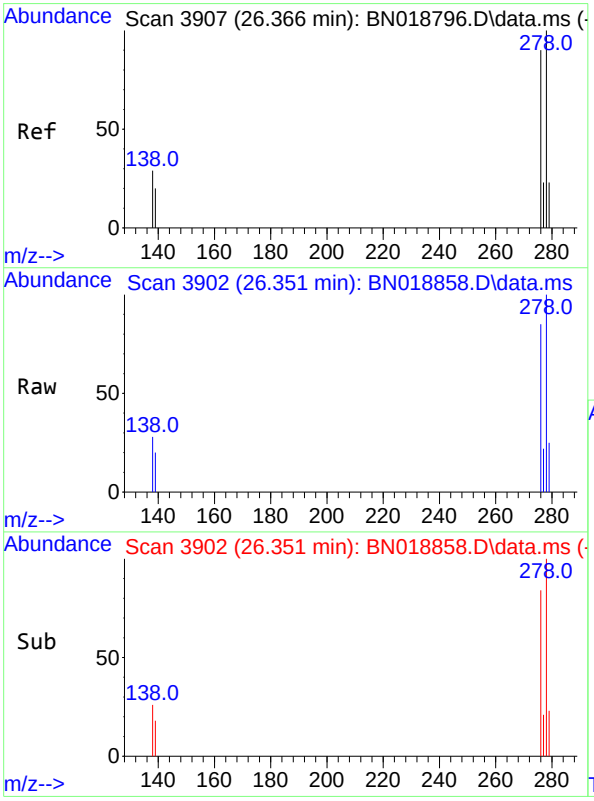
#39
Benzo(a)pyrene
Concen: 0.371 ng
RT: 23.746 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:252 Resp: 20665

Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.1	30.1
125	25.6	15.2	22.8#

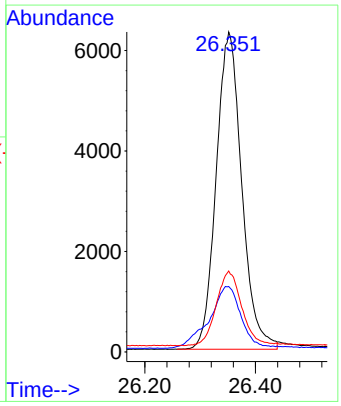


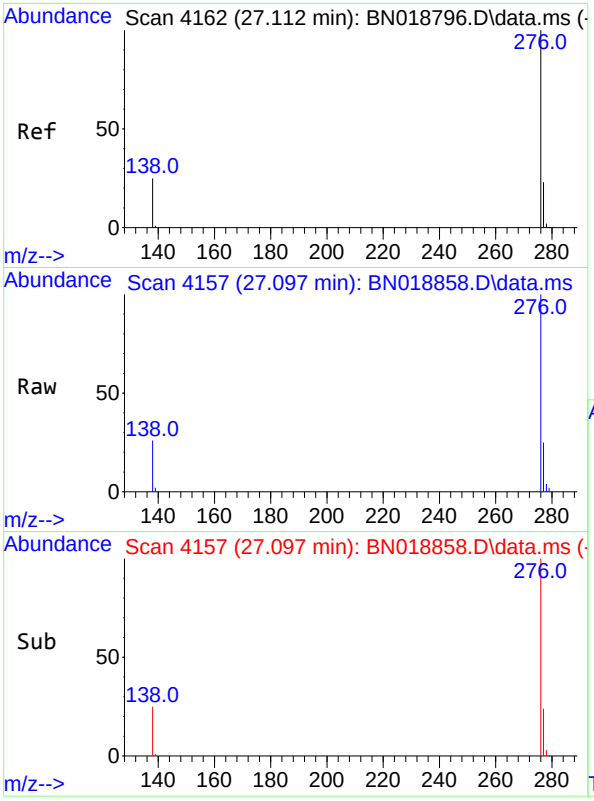


#40
Dibenzo(a,h)anthracene
Concen: 0.377 ng
RT: 26.351 min Scan# 3902
Delta R.T. -0.015 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Tgt Ion:278 Resp: 20254

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.2	25.8
279	25.3	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.366 ng
RT: 27.097 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN018858.D
Acq: 07 Mar 2022 14:55

Instrument :
BNA_N
ClientSampleId :
PB143119BS

Tgt Ion:276 Resp: 21117

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.4	29.0
138	25.7	21.0	31.6