Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021467.D
Acq On : 30 Aug 2022 23:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 31 01:23:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	5141	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16322	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	9223	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19396	0.400	ng	0.00
29) Chrysene-d12	21.664	240	14266	0.400	ng	0.00
35) Perylene-d12	24.185	264	10604	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	4236	0.421	ng	0.00
5) Phenol-d6	7.224	99	5255	0.410	ng	0.00
8) Nitrobenzene-d5	9.243	82	3945	0.358	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	14780	0.402	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	1045	0.345	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	14851	0.368	ng	0.00
27) Fluoranthene-d10	19.506	212	17697	0.355	ng	0.00
31) Terphenyl-d14	20.097	244	12200	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	2497	0.388	ng	# 88
3) n-Nitrosodimethylamine	3.750	42	2139	0.369	ng	95
6) bis(2-Chloroethyl)ether	7.491	93	6100	0.378	ng	98
9) Naphthalene	10.952	128	17840	0.369	ng	99
10) Hexachlorobutadiene	11.240	225	3090	0.369	ng	# 100
12) 2-Methylnaphthalene	12.187	142	2503	0.438	ng	# 96
16) Acenaphthylene	14.451	152	14918	0.344	ng	100
17) Acenaphthene	14.793	154	11009	0.361	ng	99
18) Fluorene	15.776	166	13762	0.366	ng	99
21) 4-Bromophenyl-phenylether	16.660	248	4271	0.352	ng	# 79
22) Hexachlorobenzene	16.772	284	5180	0.349	ng	99
23) Atrazine	16.926	200	2393	0.338	ng	98
24) Pentachlorophenol	17.121	266	1022	0.432	ng	99
25) Phenanthrene	17.521	178	23785	0.355	ng	100
26) Anthracene	17.613	178	18414	0.346	ng	99
28) Fluoranthene	19.535	202	24419	0.351	ng	100
30) Pyrene	19.898	202	28397	0.373	ng	97
32) Benzo(a)anthracene	21.646	228	17932	0.361	ng	100
33) Chrysene	21.700	228	21487	0.363	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	7306	0.365	ng	99
36) Indeno(1,2,3-cd)pyrene	26.843	276	17184	0.359	ng	100
37) Benzo(b)fluoranthene	23.407	252	18333	0.351	ng	99
38) Benzo(k)fluoranthene	23.457	252	17808	0.338	ng	99
39) Benzo(a)pyrene	24.071	252	13664	0.375	ng	97
40) Dibenzo(a,h)anthracene	26.866	278	13756	0.357	ng	97
41) Benzo(g,h,i)perylene	27.658	276	14046	0.332	ng	100

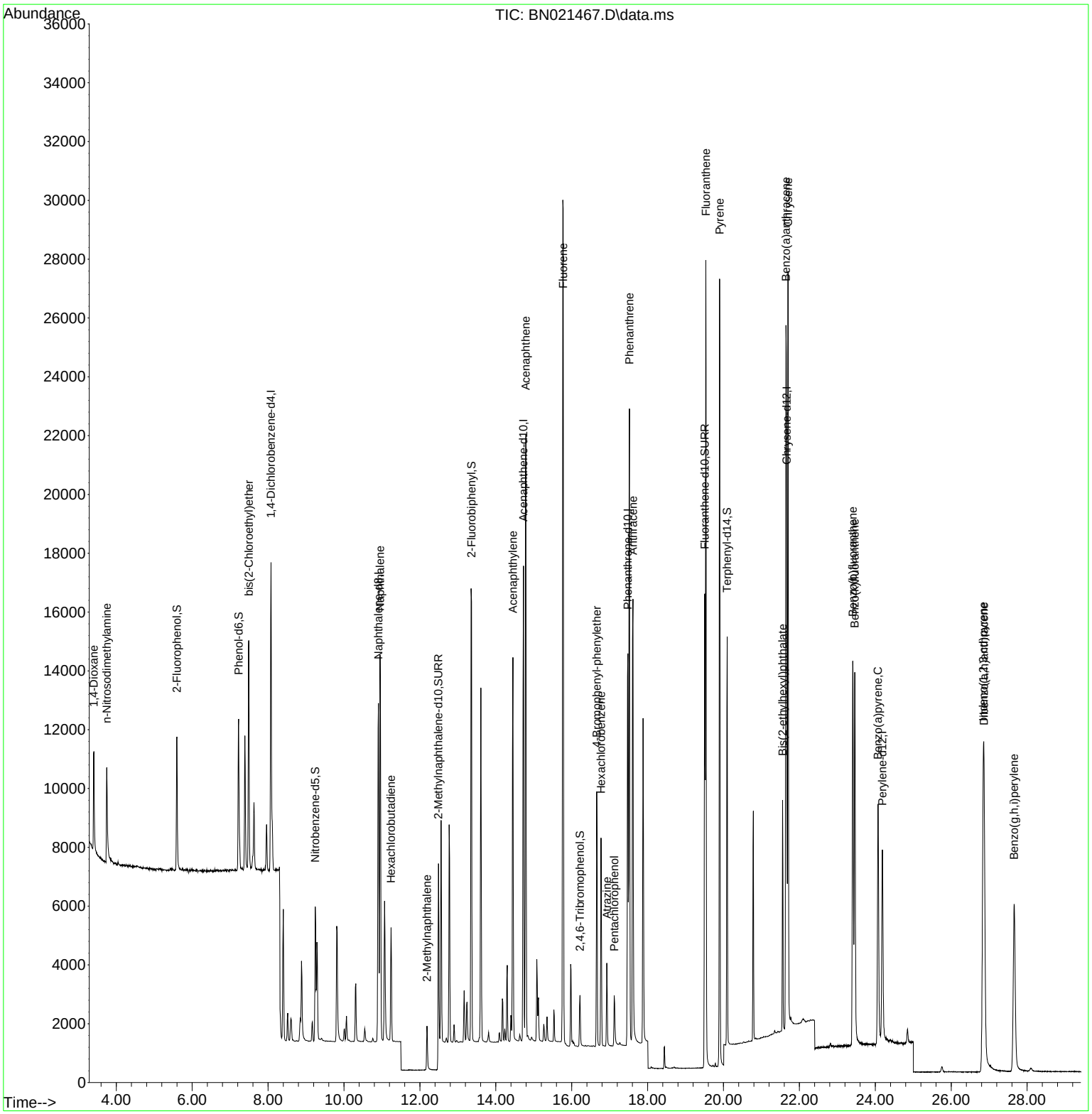
(#) = qualifier out of range (m) = manual integration (+) = signals summed

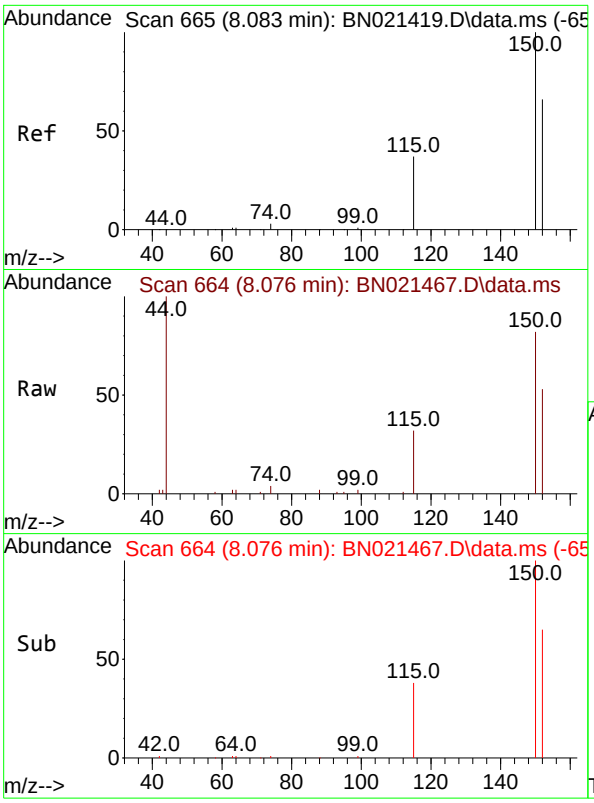
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021467.D
Acq On : 30 Aug 2022 23:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 31 01:23:41 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



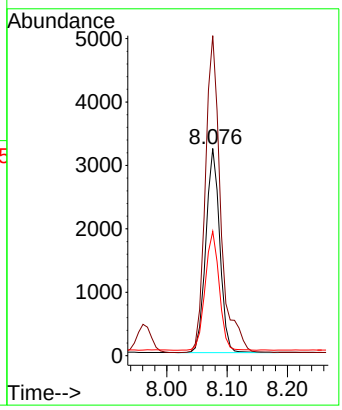


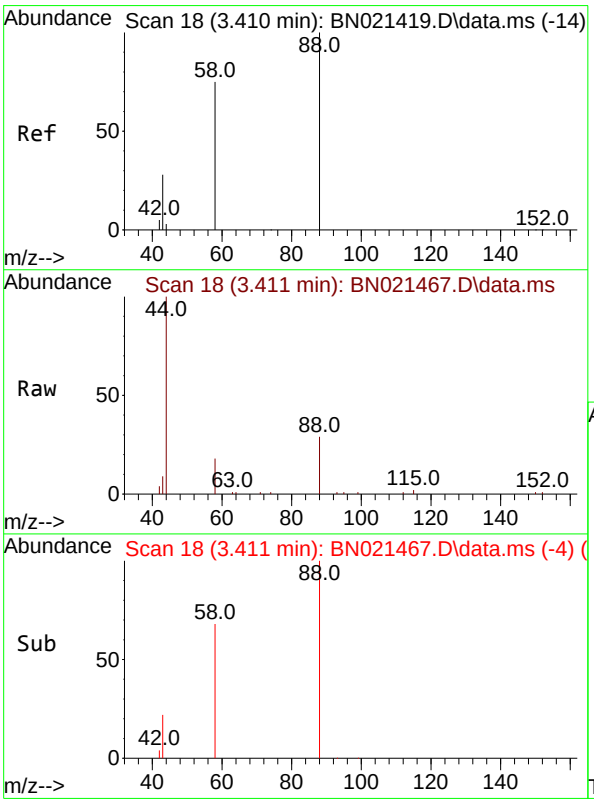
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5141

Ion	Ratio	Lower	Upper
152	100		
150	154.4	121.4	182.0
115	60.0	48.6	72.8

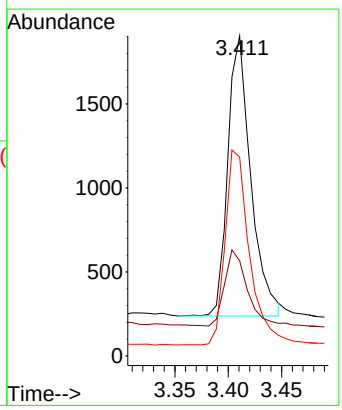


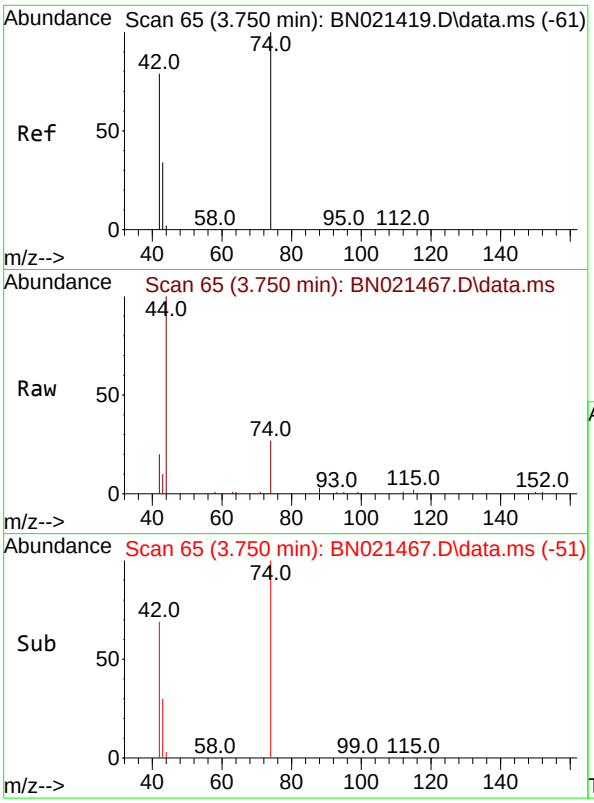


#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion: 88 Resp: 2497

Ion	Ratio	Lower	Upper
88	100		
43	26.0	35.8	53.8#
58	72.8	57.1	85.7



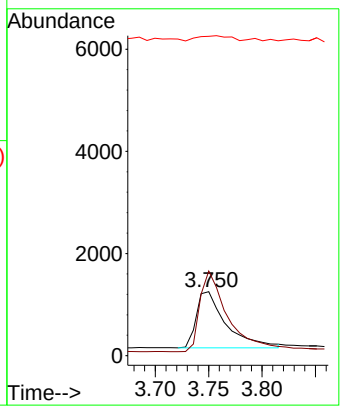


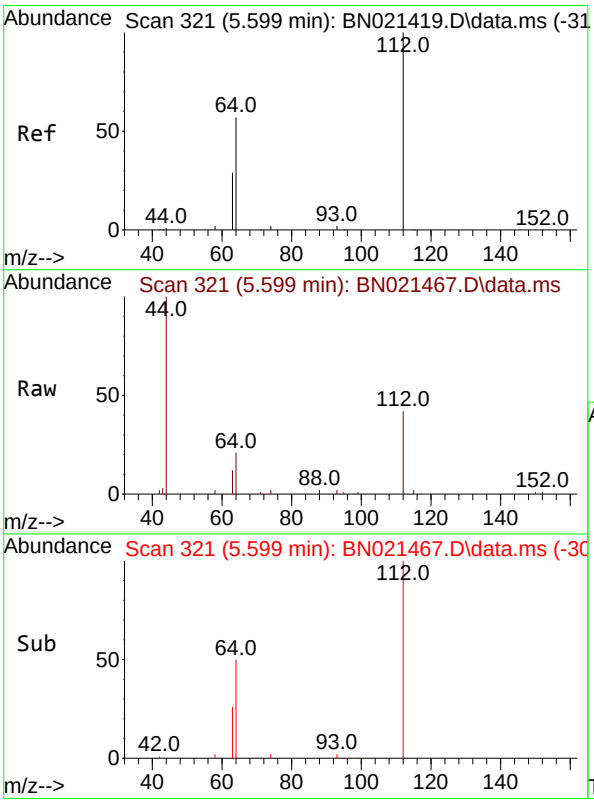
#3
n-Nitrosodimethylamine
Concen: 0.369 ng
RT: 3.750 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2139

Ion	Ratio	Lower	Upper
42	100		
74	135.5	113.0	169.6
44	10.8	10.5	15.7

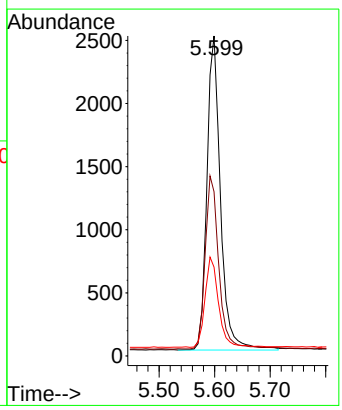


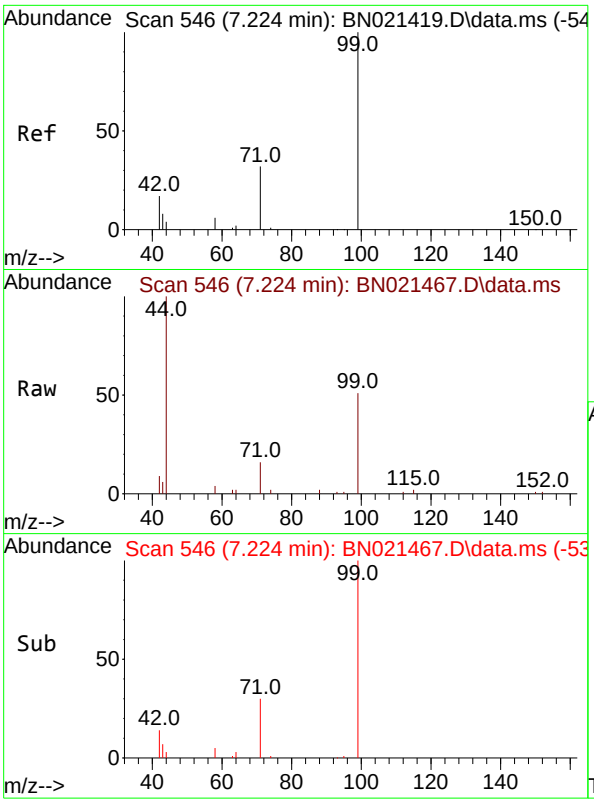


#4
2-Fluorophenol
Concen: 0.421 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:112 Resp: 4236

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.5	65.3
63	29.0	22.6	34.0



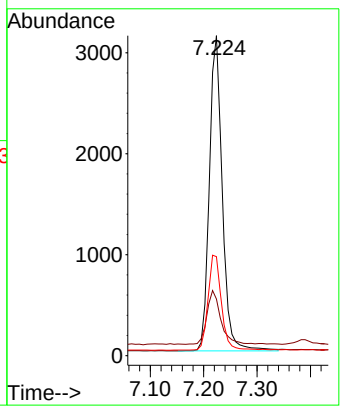


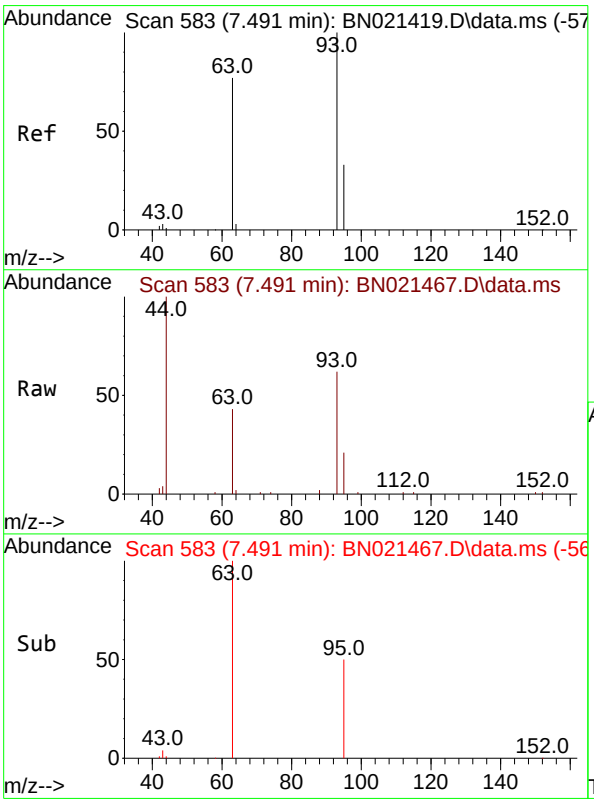
#5
Phenol-d6
Concen: 0.410 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5255

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.5	23.3
71	31.4	24.2	36.2

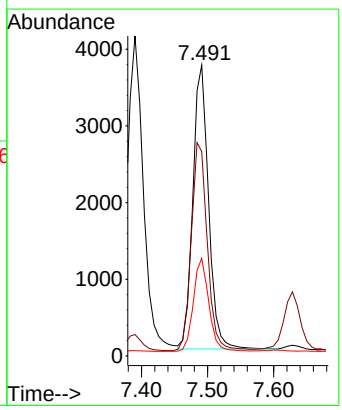


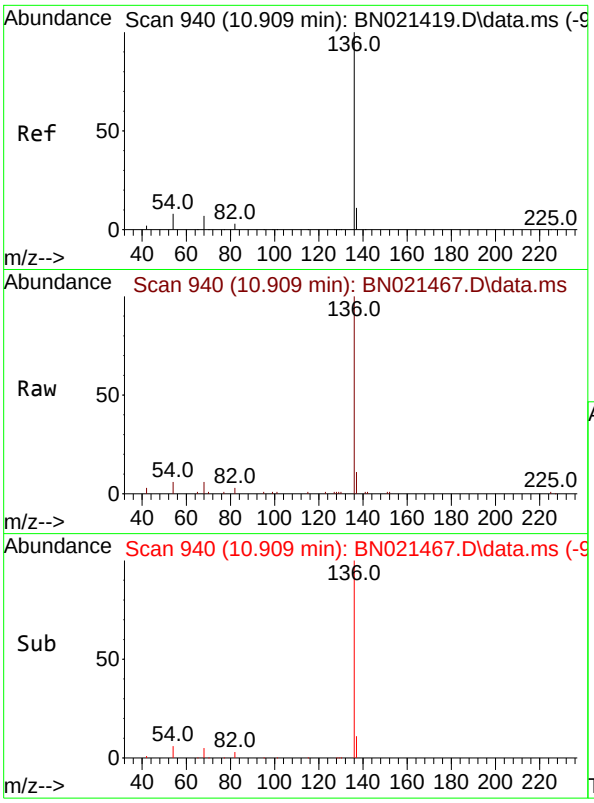


#6
bis(2-Chloroethyl)ether
Concen: 0.378 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion: 93 Resp: 6100

Ion	Ratio	Lower	Upper
93	100		
63	74.8	57.8	86.8
95	32.3	25.9	38.9



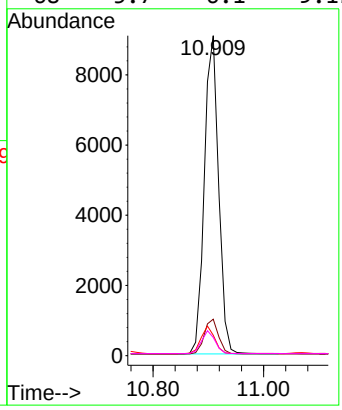


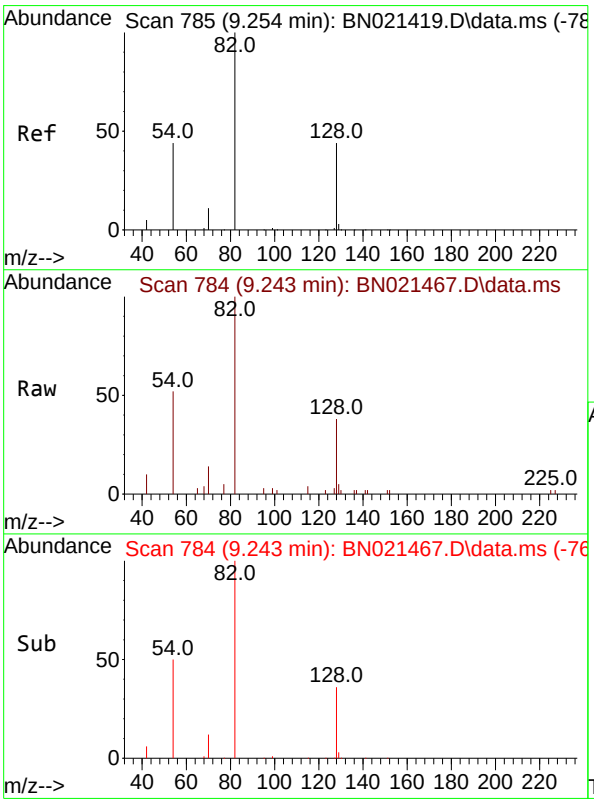
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16322

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	6.4	6.9	10.3#
68	5.7	6.1	9.1#

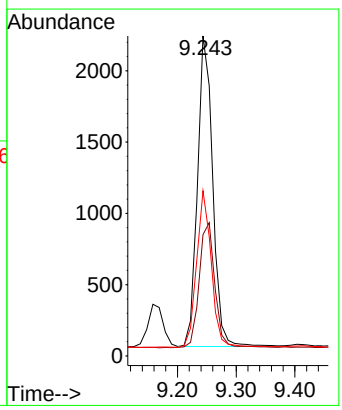


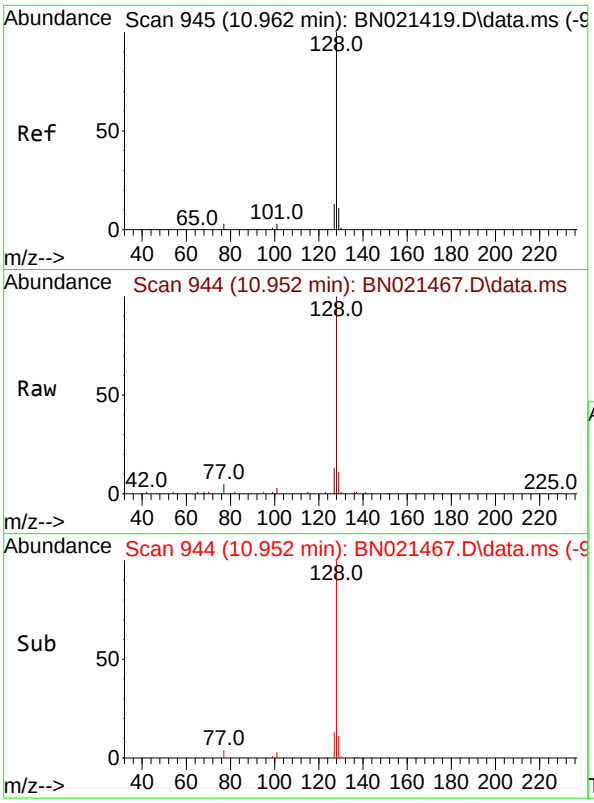


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion: 82 Resp: 3945

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	51.6	42.7	64.1



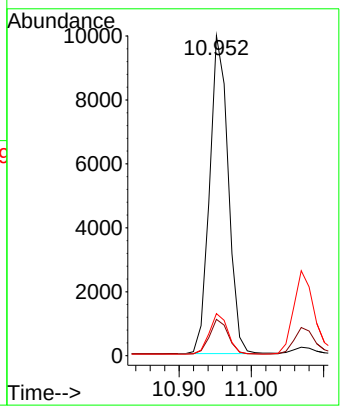


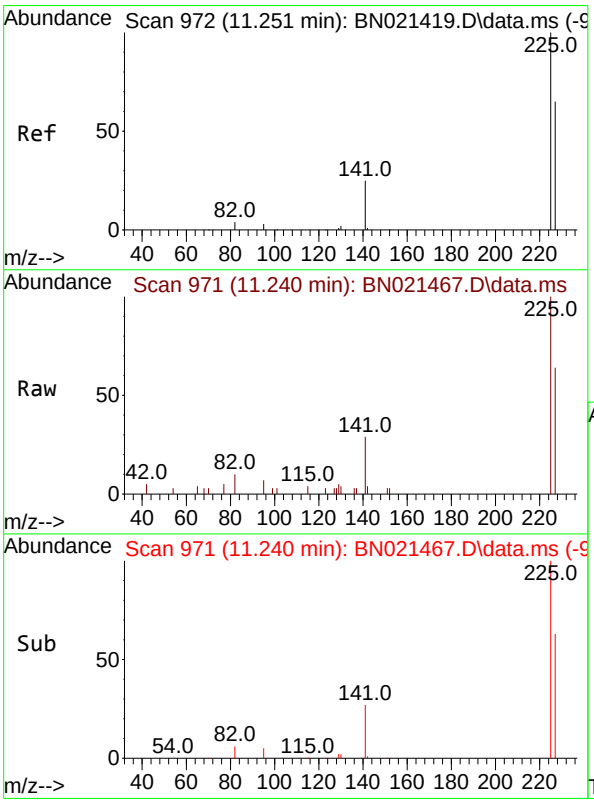
#9
Naphthalene
Concen: 0.369 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17840

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.2	11.0	16.4

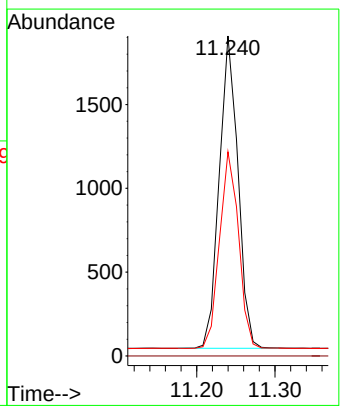


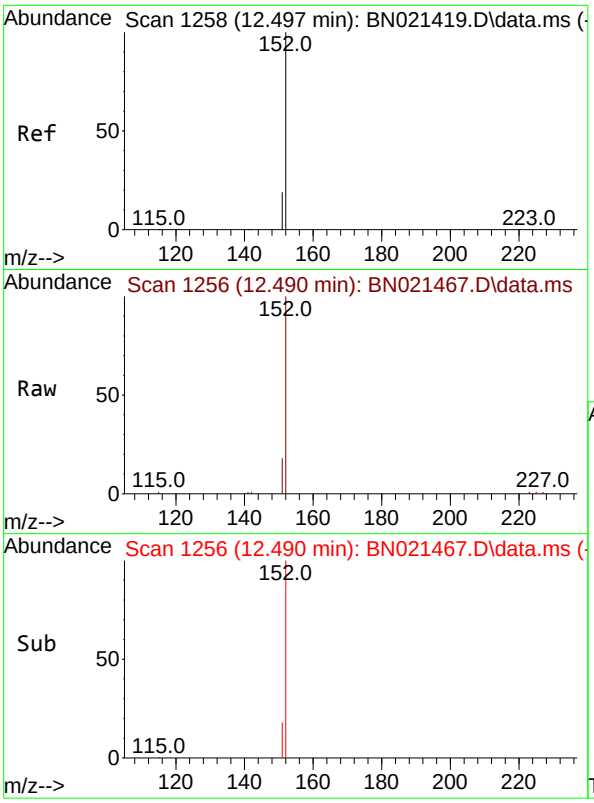


#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:225 Resp: 3090

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



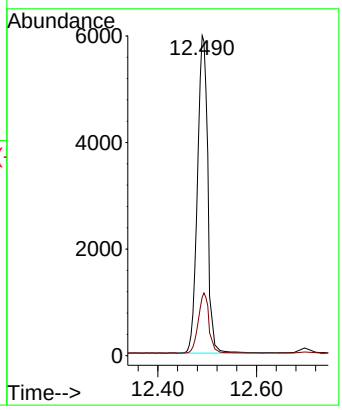


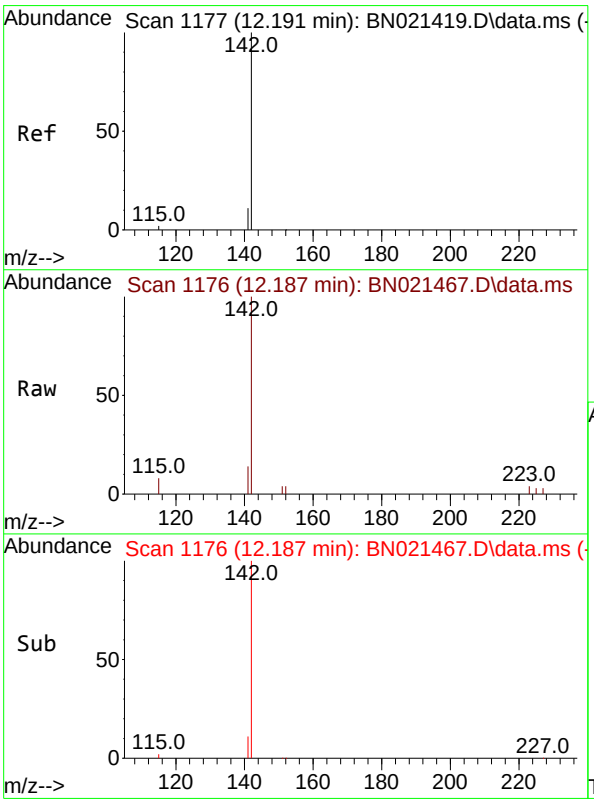
#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.490 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14780

Ion	Ratio	Lower	Upper
152	100		
151	18.4	14.5	21.7

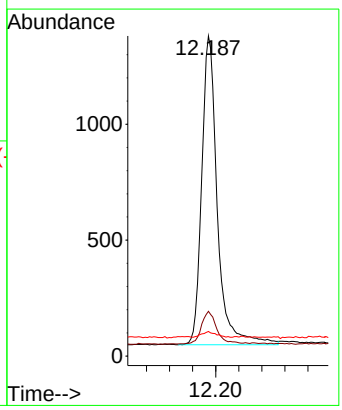


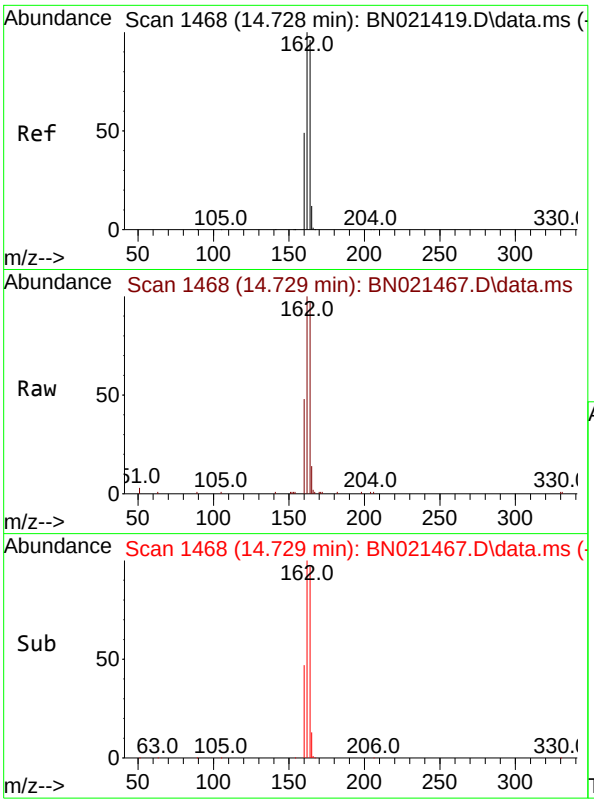


#12
2-Methylnaphthalene
Concen: 0.438 ng
RT: 12.187 min Scan# 1176
Delta R.T. -0.004 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:142 Resp: 2503

Ion	Ratio	Lower	Upper
142	100		
141	14.0	12.2	18.2
115	7.7	7.9	11.9#



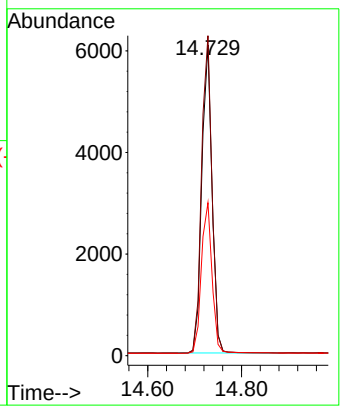


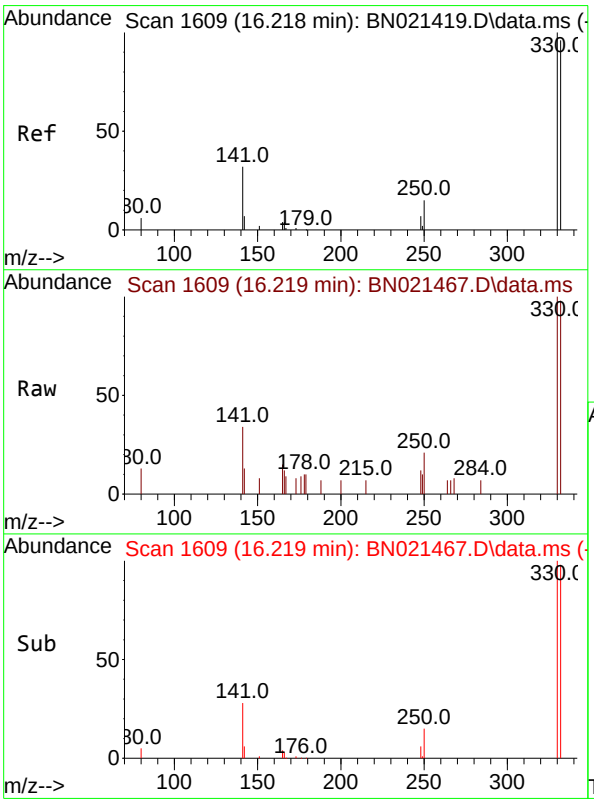
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9223

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.2	123.4
160	49.2	39.5	59.3

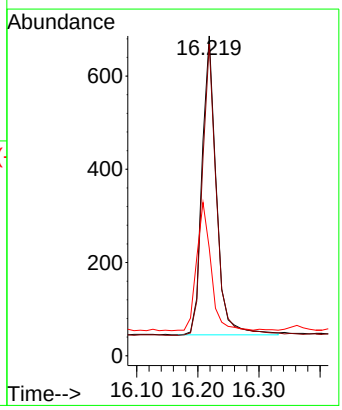


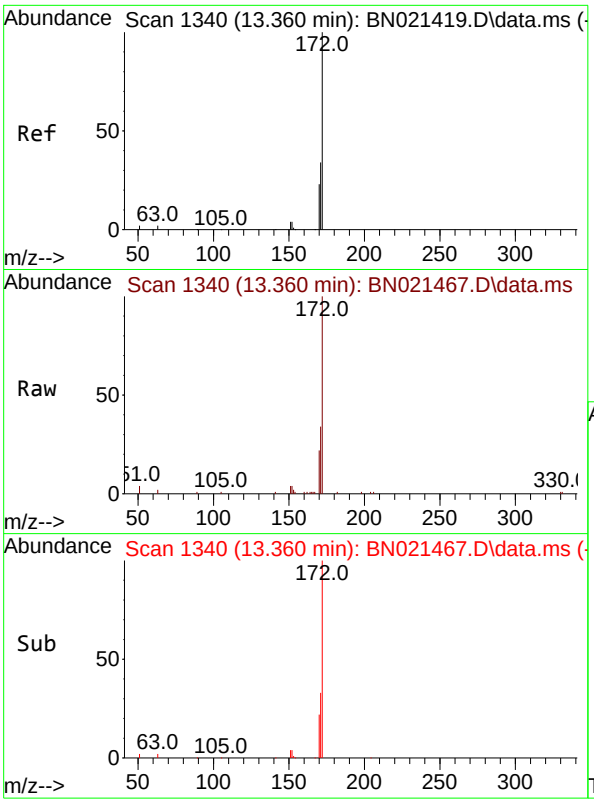


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:330 Resp: 1045

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.3	118.9
141	42.8	37.1	55.7



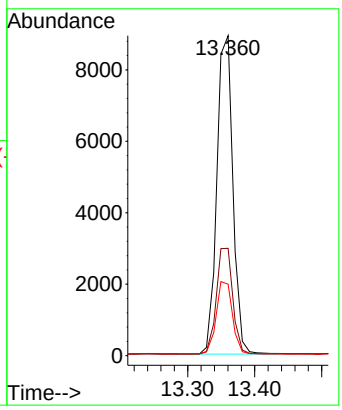


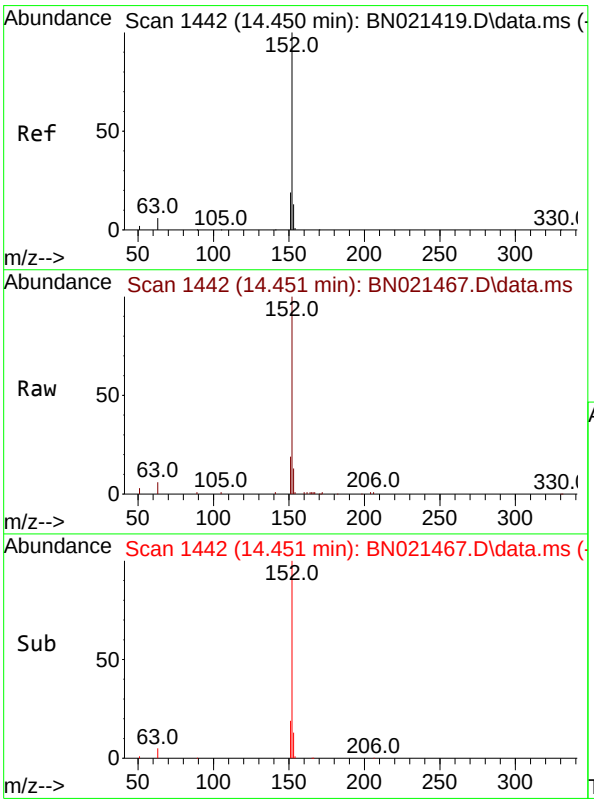
#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14851

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.8	41.6
170	22.3	18.6	28.0

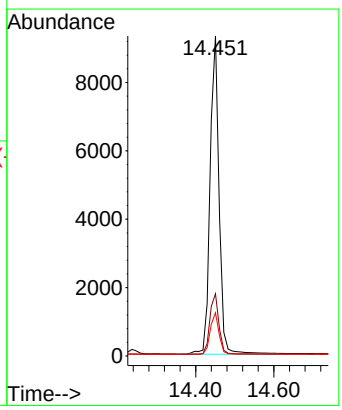


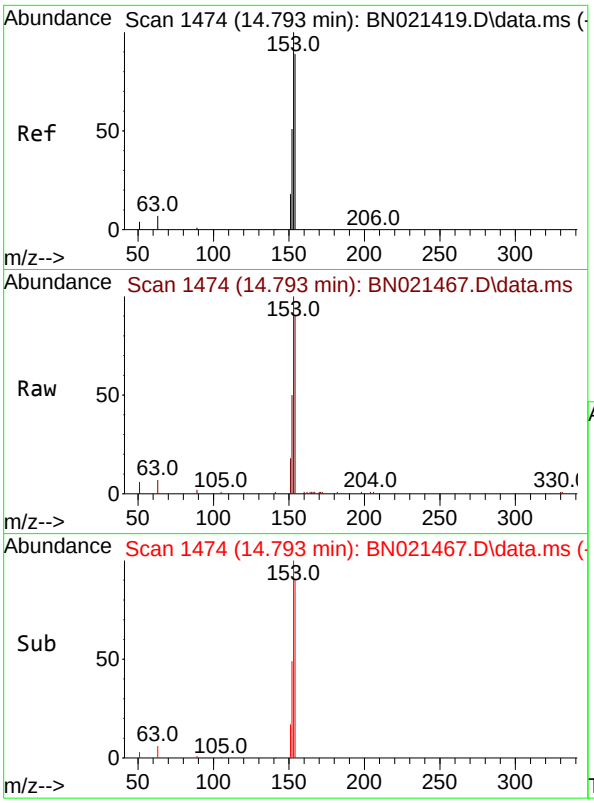


#16
Acenaphthylene
Concen: 0.344 ng
RT: 14.451 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:152 Resp: 14918

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.0	10.3	15.5



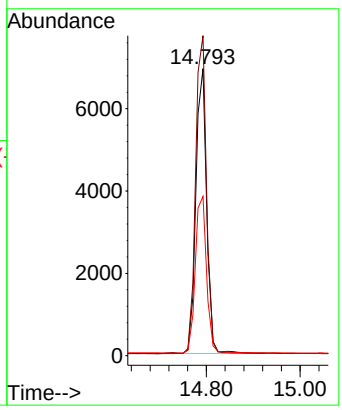


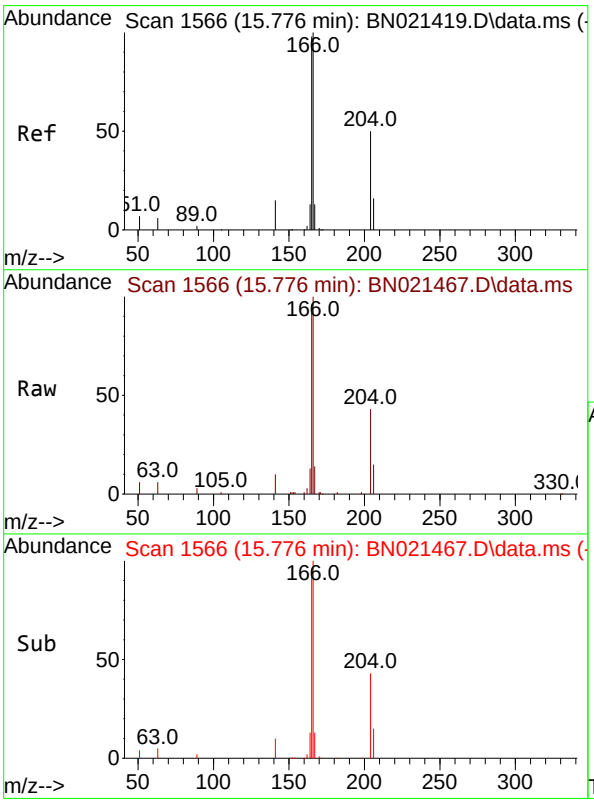
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.793 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11009

Ion	Ratio	Lower	Upper
154	100		
153	113.2	89.5	134.3
152	57.6	45.5	68.3

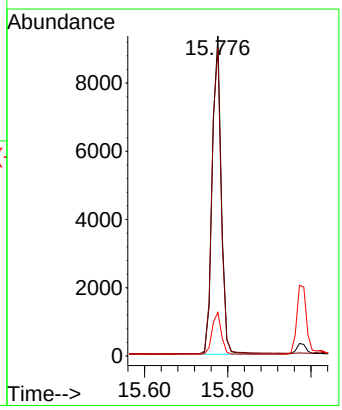


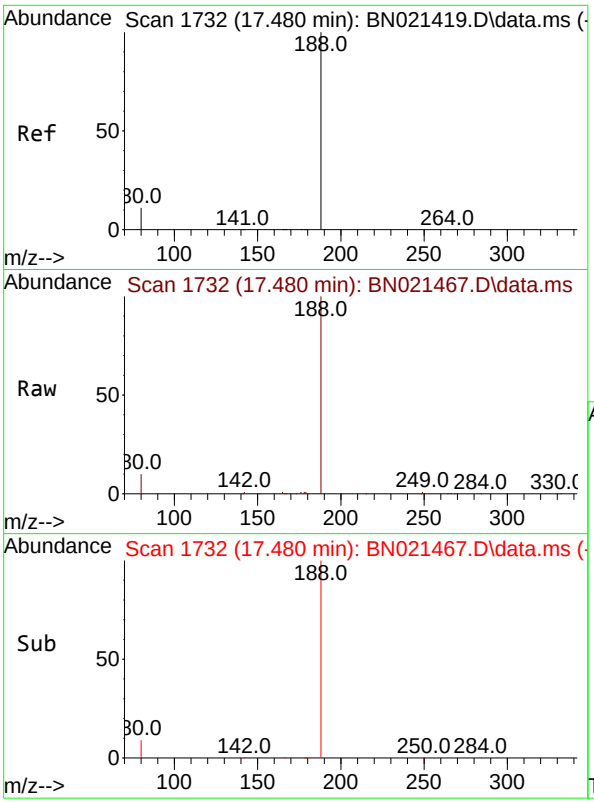


#18
Fluorene
Concen: 0.366 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:166 Resp: 13762

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.5	10.6	16.0



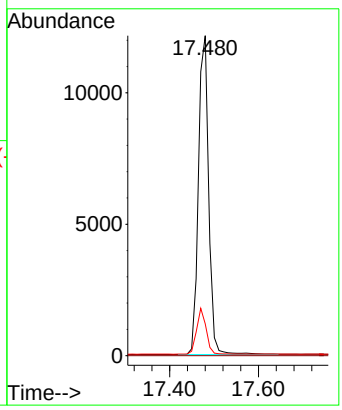


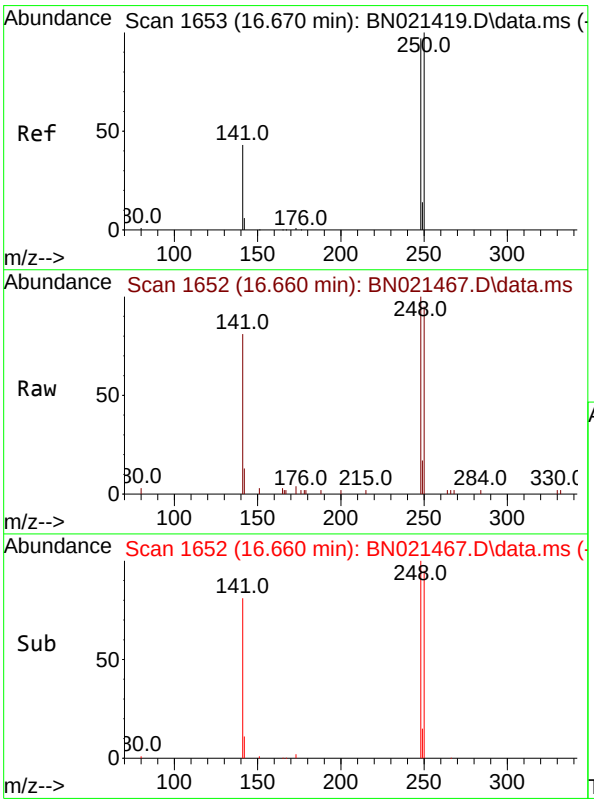
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 19396

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	9.5	14.3

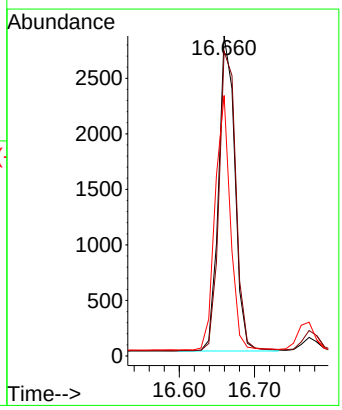


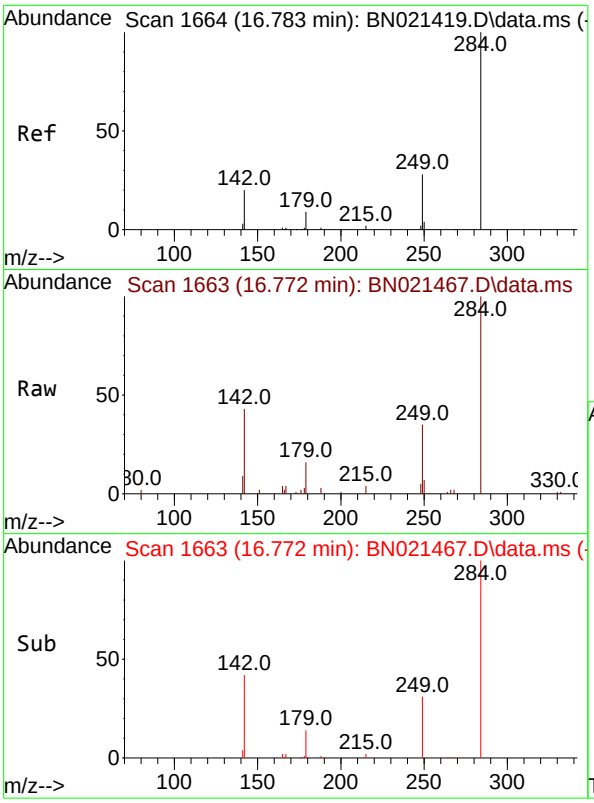


#21
4-Bromophenyl-phenylether
Concen: 0.352 ng
RT: 16.660 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:248 Resp: 4271

Ion	Ratio	Lower	Upper
248	100		
250	95.1	81.8	122.6
141	81.4	38.5	57.7#



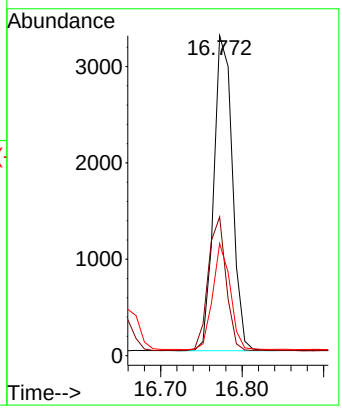


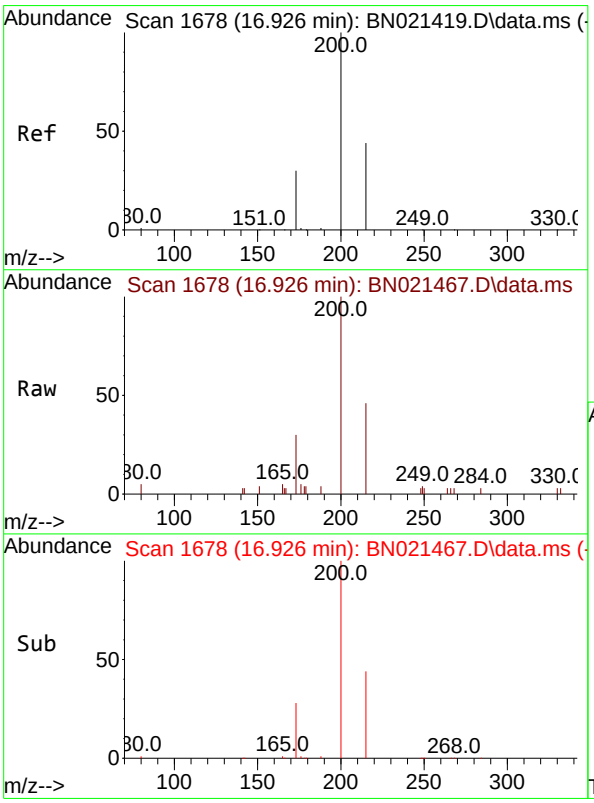
#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5180

Ion	Ratio	Lower	Upper
284	100		
142	40.9	32.3	48.5
249	31.6	25.4	38.2

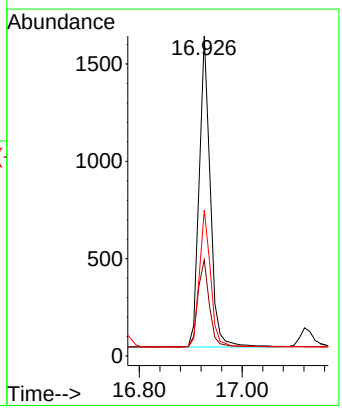


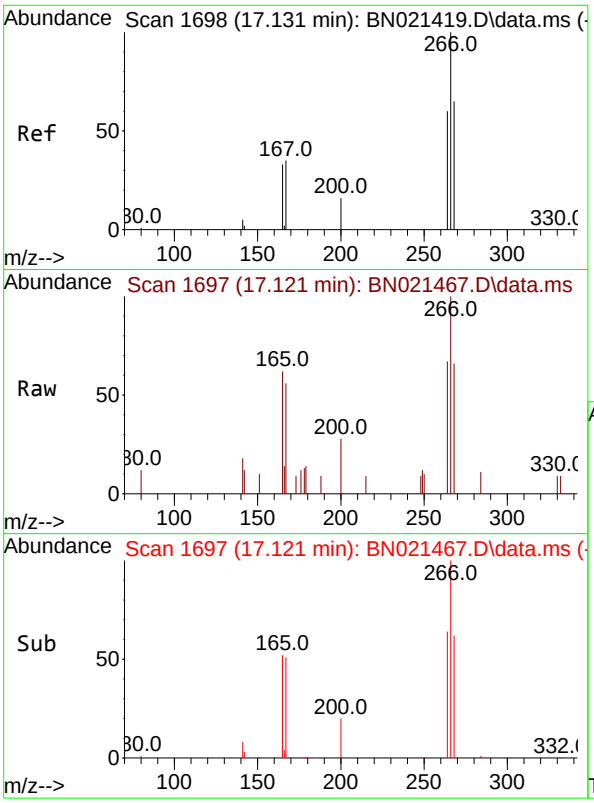


#23
Atrazine
Concen: 0.338 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:200 Resp: 2393

Ion	Ratio	Lower	Upper
200	100		
173	30.0	24.3	36.5
215	45.6	38.4	57.6



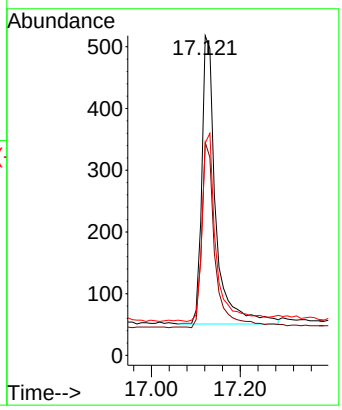


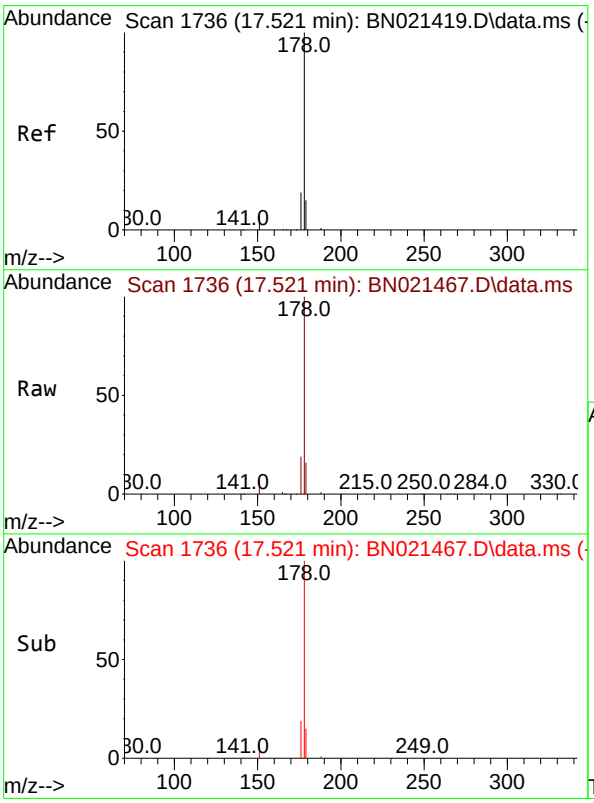
#24
Pentachlorophenol
Concen: 0.432 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1022

Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.0	73.6
268	64.7	50.9	76.3

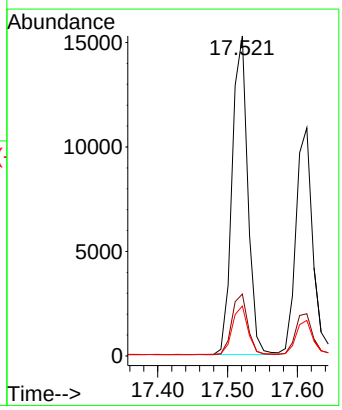


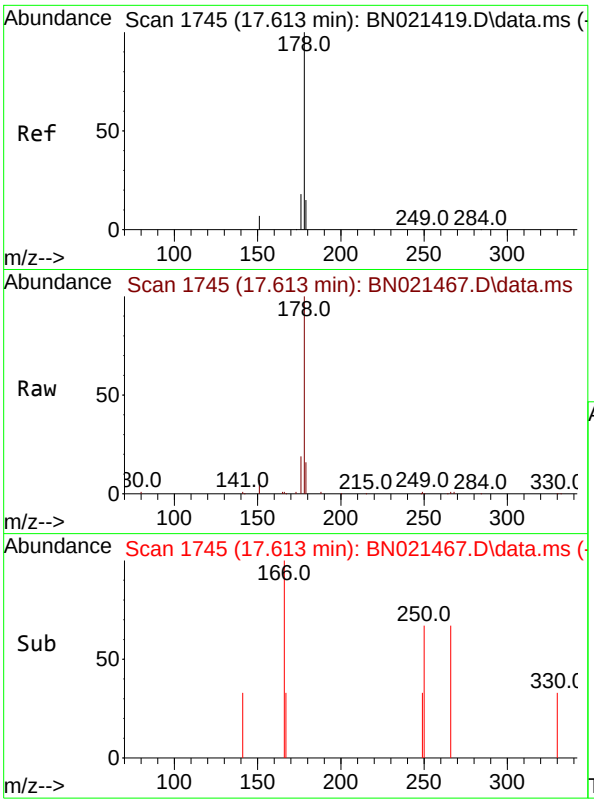


#25
Phenanthrene
Concen: 0.355 ng
RT: 17.521 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:178 Resp: 23785

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.2	18.4



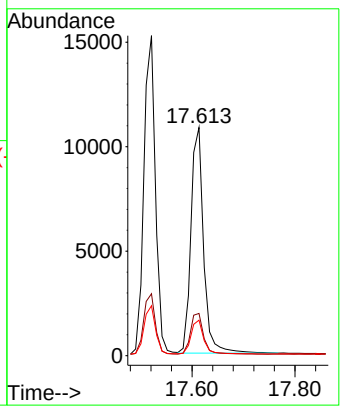


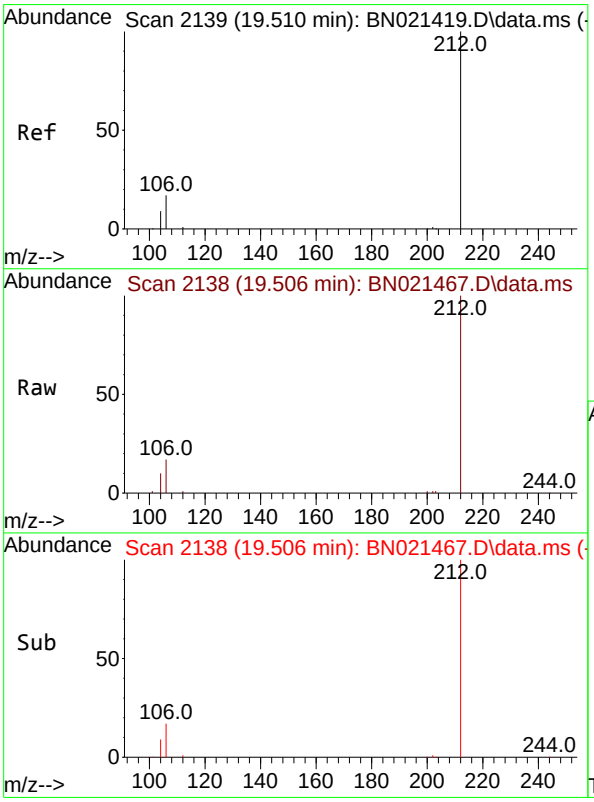
#26
Anthracene
Concen: 0.346 ng
RT: 17.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 18414

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.1	12.2	18.2

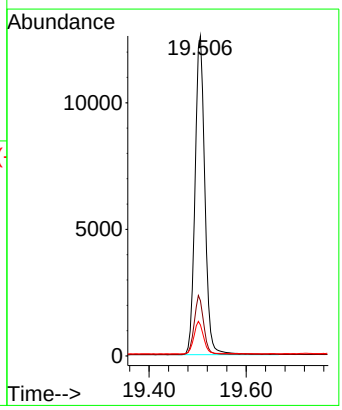


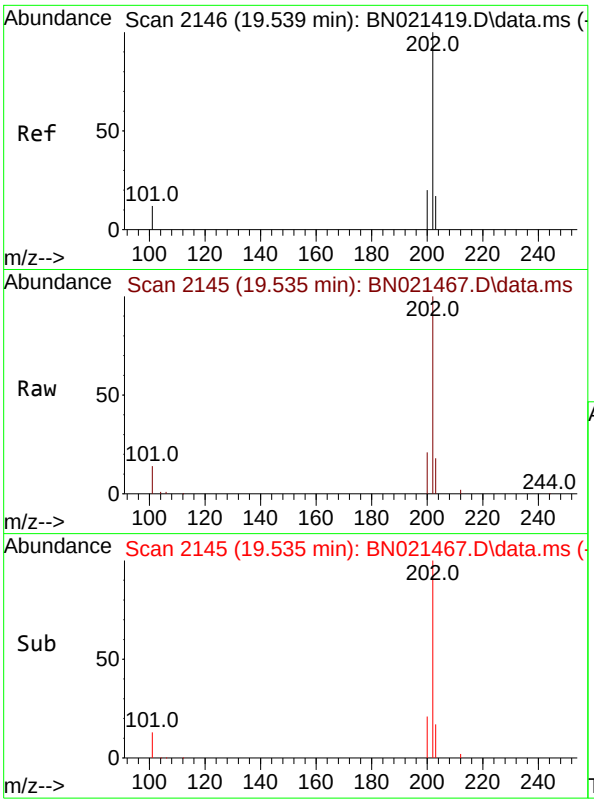


#27
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:212 Resp: 17697

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.2	21.2
104	9.9	7.8	11.6



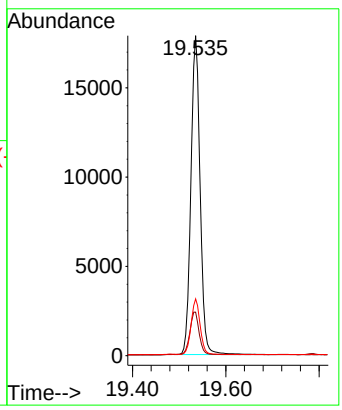


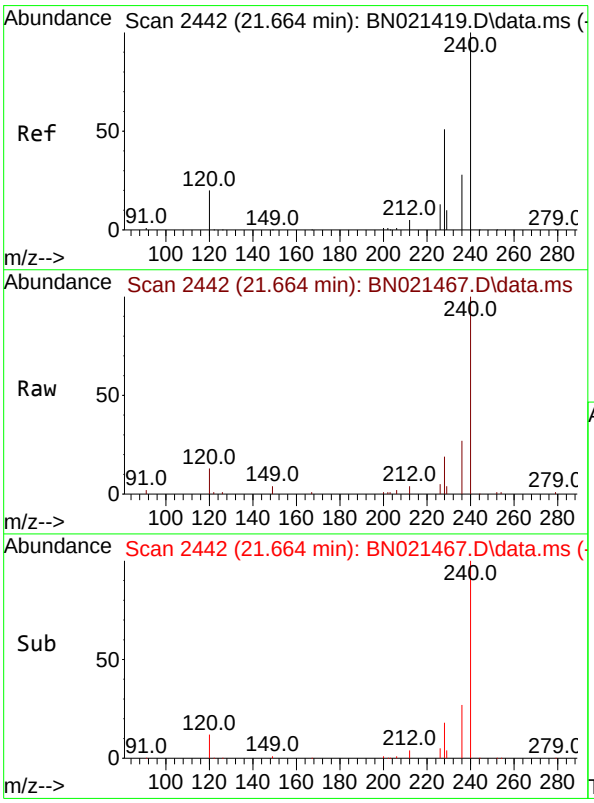
#28
Fluoranthene
Concen: 0.351 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 24419

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.1	13.8	20.6

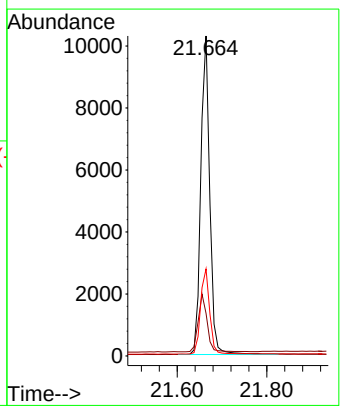


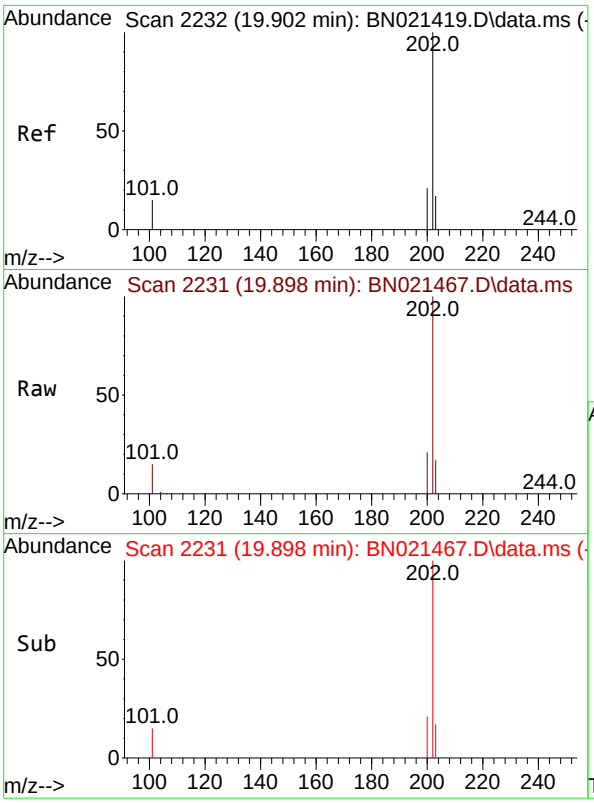


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:240 Resp: 14266

Ion	Ratio	Lower	Upper
240	100		
120	13.3	10.2	15.4
236	27.2	22.1	33.1



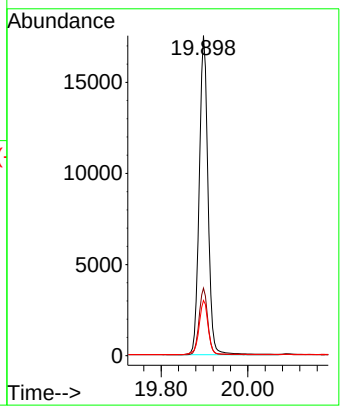


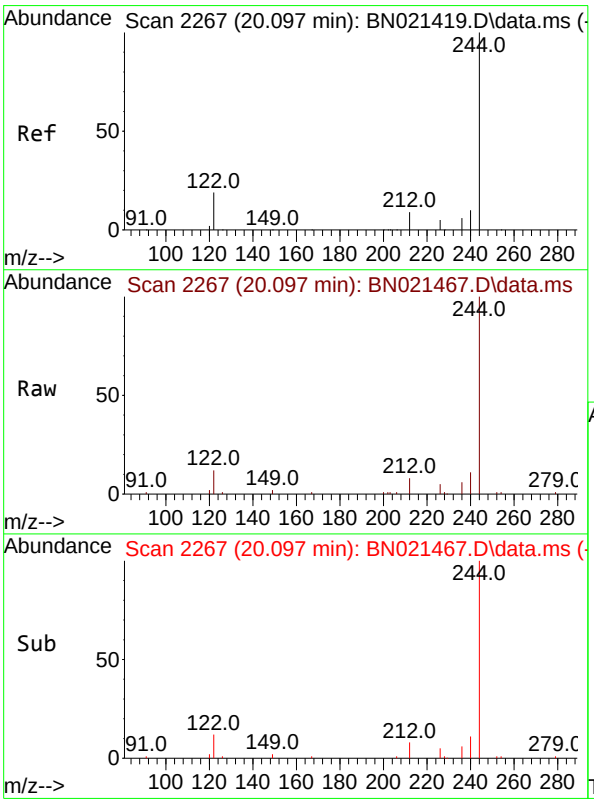
#30
Pyrene
Concen: 0.373 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 28397

Ion	Ratio	Lower	Upper
202	100		
200	17.9	13.9	20.9
203	17.1	11.9	17.9

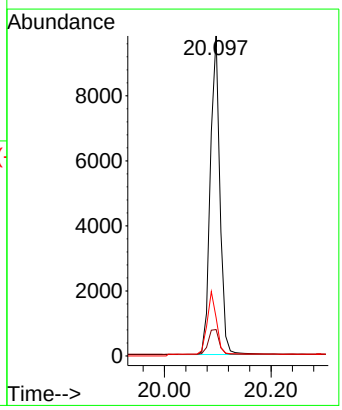


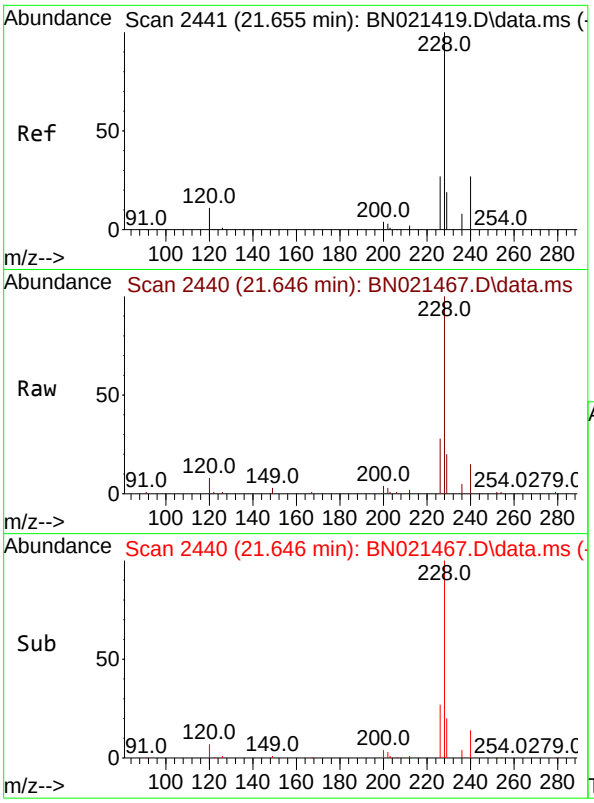


#31
Terphenyl-d14
Concen: 0.381 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:244 Resp: 12200

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	11.9	9.1	13.7



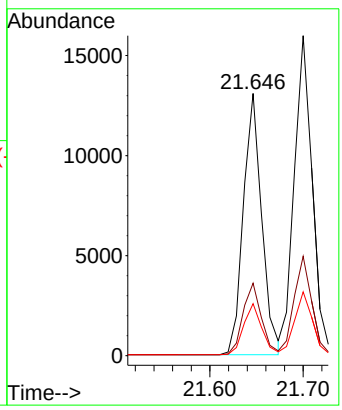


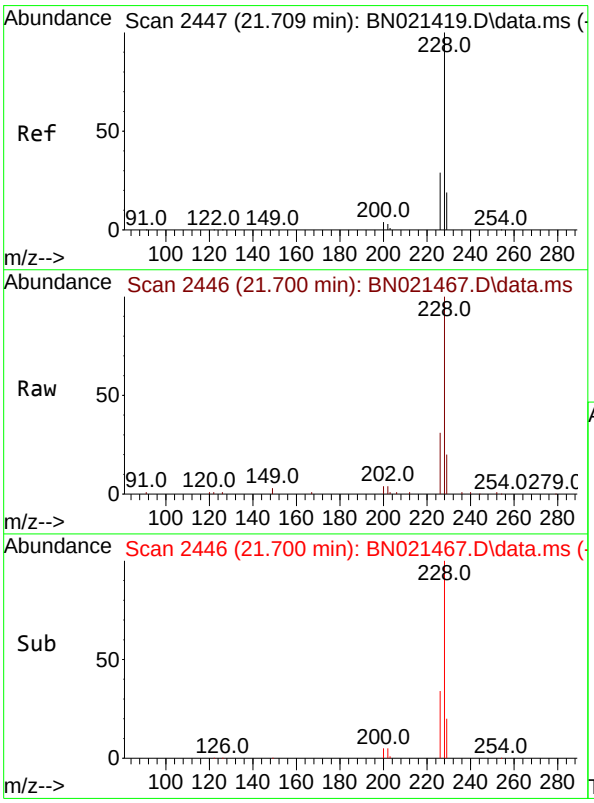
#32
Benzo(a)anthracene
Concen: 0.361 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 17932

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.9	15.9	23.9

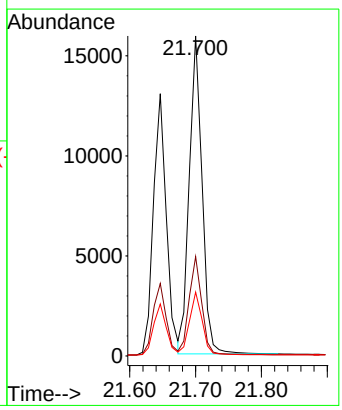


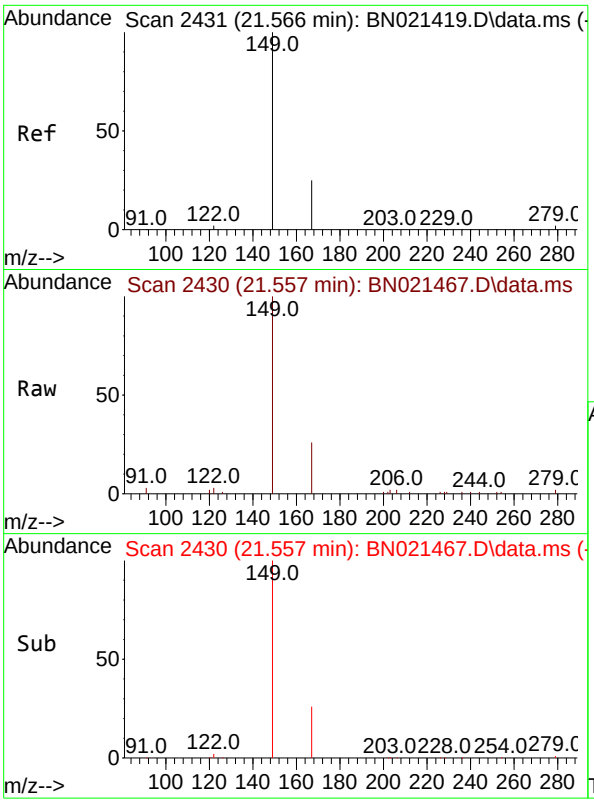


#33
Chrysene
Concen: 0.363 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:228 Resp: 21487

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.0	15.9	23.9



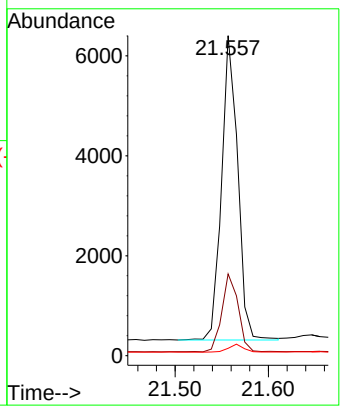


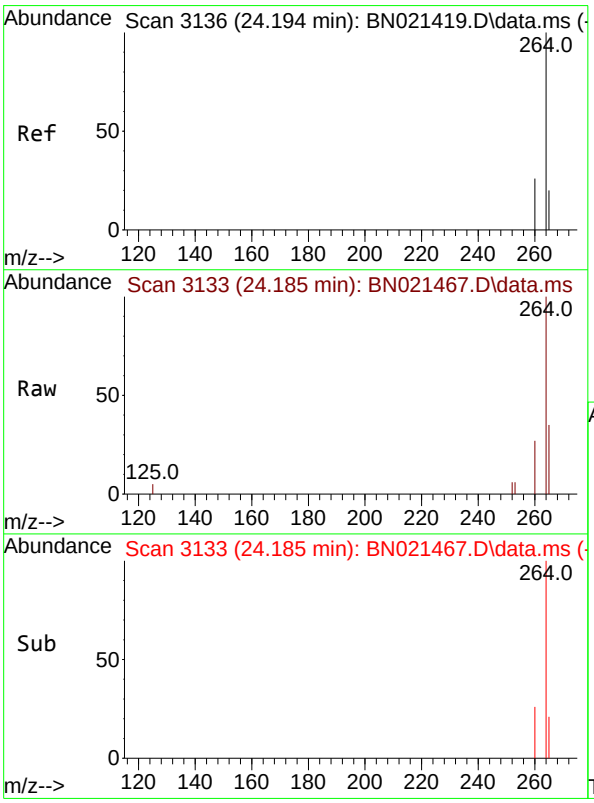
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.365 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 7306

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.4	32.0
279	2.5	2.2	3.2

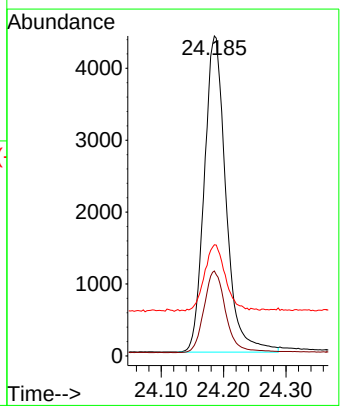


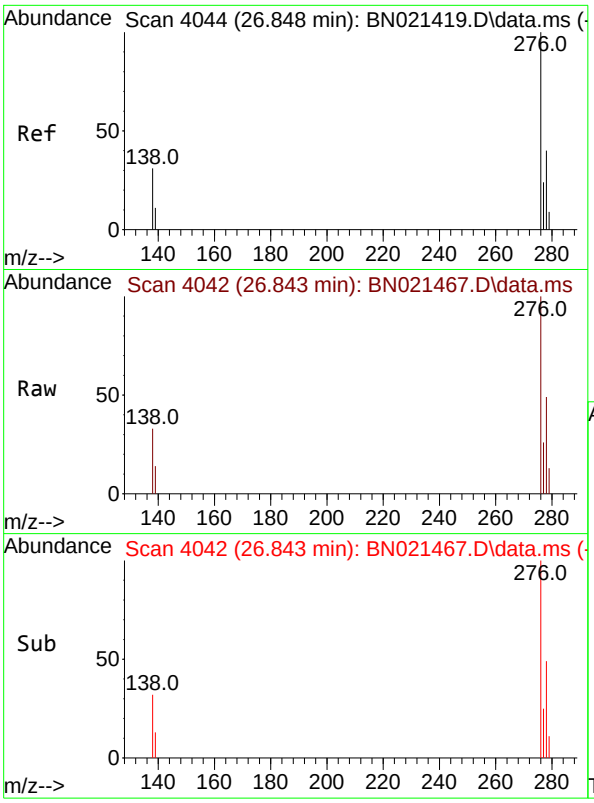


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.185 min Scan# 3133
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:264 Resp: 10604

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.0	31.6
265	34.7	32.2	48.2



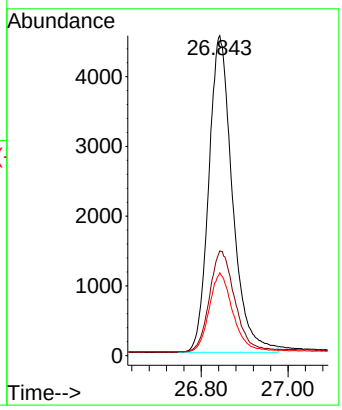


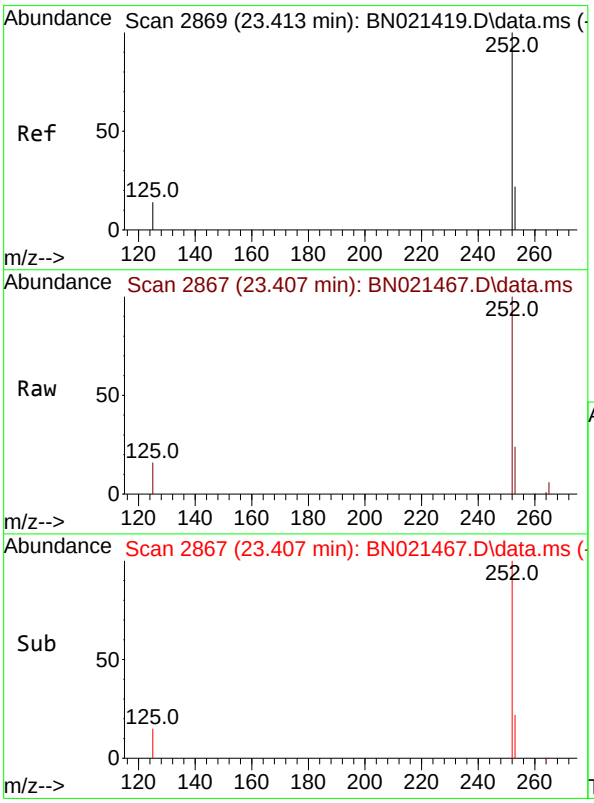
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 26.843 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17184

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.4	41.2
277	24.9	19.9	29.9

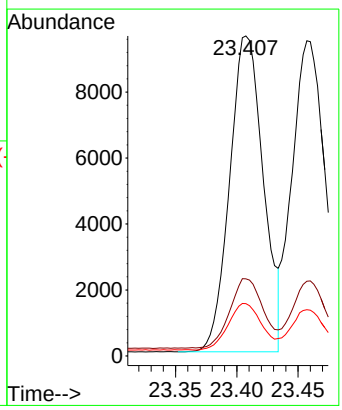


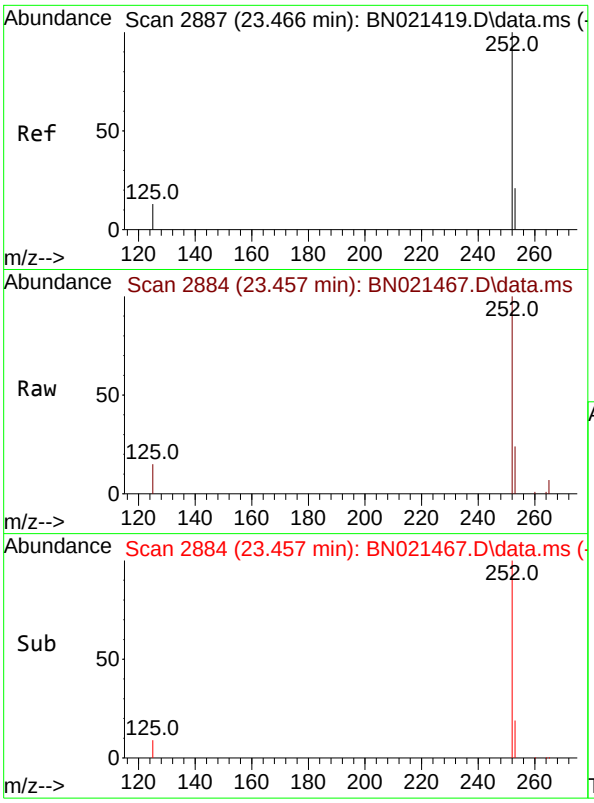


#37
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 23.407 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:252 Resp: 18333

Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.8	29.6
125	16.3	13.7	20.5



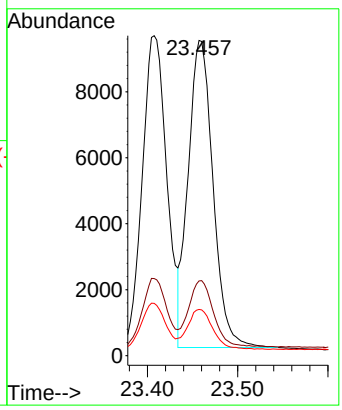


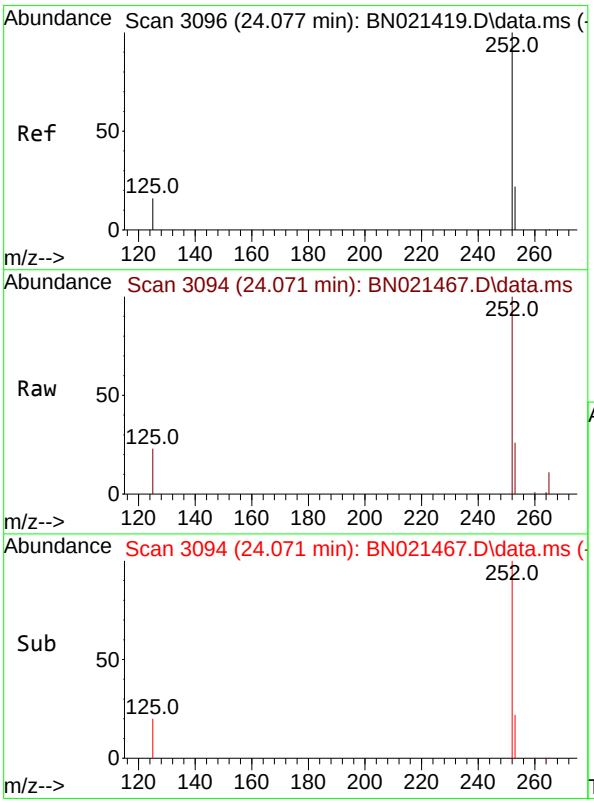
#38
Benzo(k)fluoranthene
Concen: 0.338 ng
RT: 23.457 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 17808

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.5	29.3
125	14.7	12.3	18.5

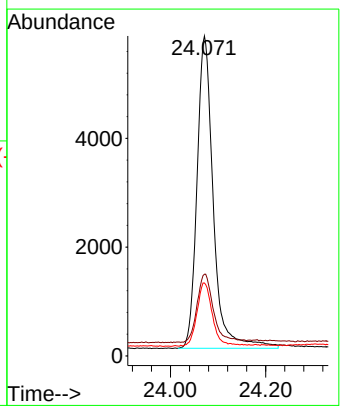


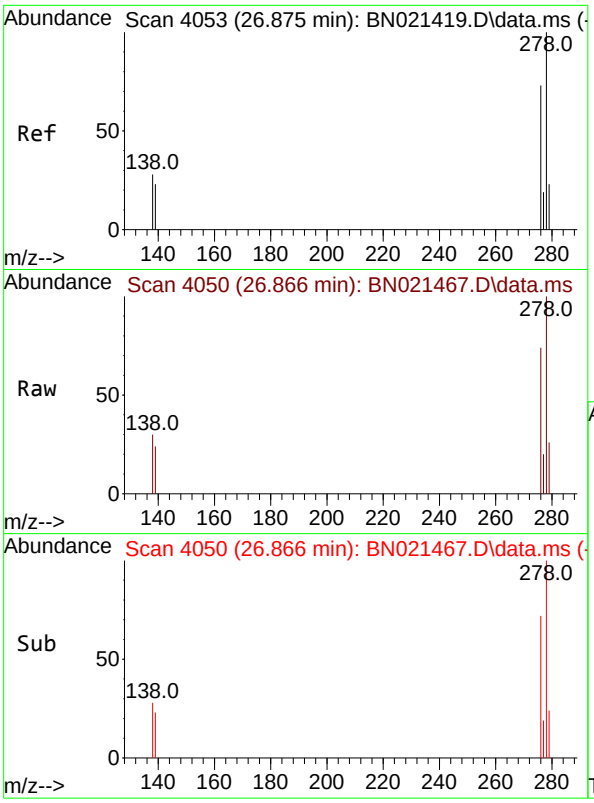


#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 24.071 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:252 Resp: 13664

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.1	31.7
125	22.8	16.6	25.0



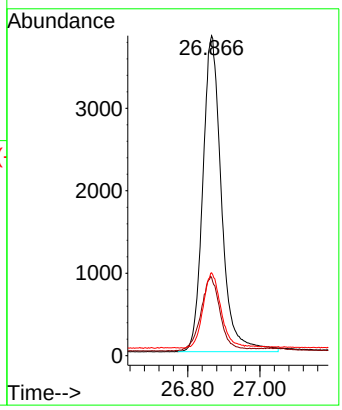


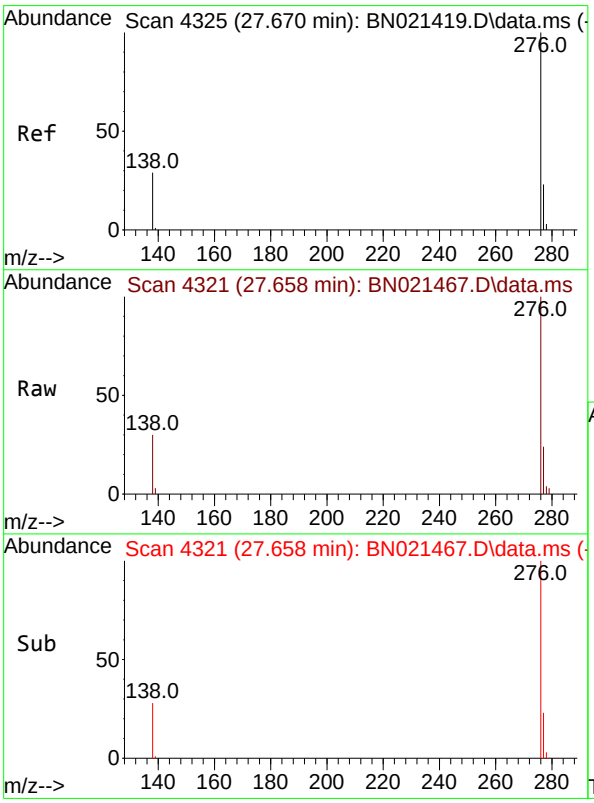
#40
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.866 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 13756

Ion	Ratio	Lower	Upper
278	100		
139	24.4	21.8	32.6
279	25.9	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.332 ng
RT: 27.658 min Scan# 4321
Delta R.T. -0.012 min
Lab File: BN021467.D
Acq: 30 Aug 2022 23:10

Tgt Ion:276 Resp: 14046

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.7	29.5
138	29.6	23.7	35.5