Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021419.D
Acq On : 29 Aug 2022 12:26
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 29 16:32:19 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	8.083	152	5445	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	16845	0.400	ng	0.00
13) Acenaphthene-d10	14.728	164	8935	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	18165	0.400	ng	0.00
29) Chrysene-d12	21.664	240	12507	0.400	ng	# 0.00
35) Perylene-d12	24.194	264	8125	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	3940	0.370	ng	0.00
5) Phenol-d6	7.224	99	4896	0.361	ng	0.00
8) Nitrobenzene-d5	9.254	82	4009	0.352	ng	0.00
11) 2-Methylnaphthalene-d10	12.497	152	13262	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	902	0.307	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	14660	0.375	ng	0.00
27) Fluoranthene-d10	19.510	212	16004	0.343	ng	0.00
31) Terphenyl-d14	20.097	244	10919	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	2545	0.374	ng	# 88
3) n-Nitrosodimethylamine	3.750	42	2273	0.370	ng	# 94
6) bis(2-Chloroethyl)ether	7.491	93	6441	0.377	ng	97
9) Naphthalene	10.962	128	18441	0.370	ng	99
10) Hexachlorobutadiene	11.251	225	3236	0.375	ng	# 99
12) 2-Methylnaphthalene	12.191	142	2095	0.379	ng	# 97
16) Acenaphthylene	14.450	152	14458	0.345	ng	100
17) Acenaphthene	14.793	154	10592	0.359	ng	98
18) Fluorene	15.776	166	13046	0.358	ng	100
21) 4-Bromophenyl-phenylether	16.670	248	4021	0.354	ng	98
22) Hexachlorobenzene	16.783	284	5054	0.364	ng	99
23) Atrazine	16.926	200	2101	0.317	ng	97
24) Pentachlorophenol	17.131	266	881	0.414	ng	98
25) Phenanthrene	17.521	178	22662	0.361	ng	100
26) Anthracene	17.613	178	16797	0.337	ng	100
28) Fluoranthene	19.539	202	22398	0.344	ng	100
30) Pyrene	19.902	202	25288	0.379	ng	98
32) Benzo(a)anthracene	21.655	228	15067	0.346	ng	99
33) Chrysene	21.709	228	19018	0.367	ng	99
34) Bis(2-ethylhexyl)phtha...	21.566	149	6059	0.345	ng	98
36) Indeno(1,2,3-cd)pyrene	26.848	276	12465	0.340	ng	100
37) Benzo(b)fluoranthene	23.413	252	14260	0.356	ng	98
38) Benzo(k)fluoranthene	23.466	252	14280	0.354	ng	99
39) Benzo(a)pyrene	24.077	252	9415	0.337	ng	99
40) Dibenzo(a,h)anthracene	26.875	278	10020	0.339	ng	96
41) Benzo(g,h,i)perylene	27.670	276	11251	0.347	ng	99

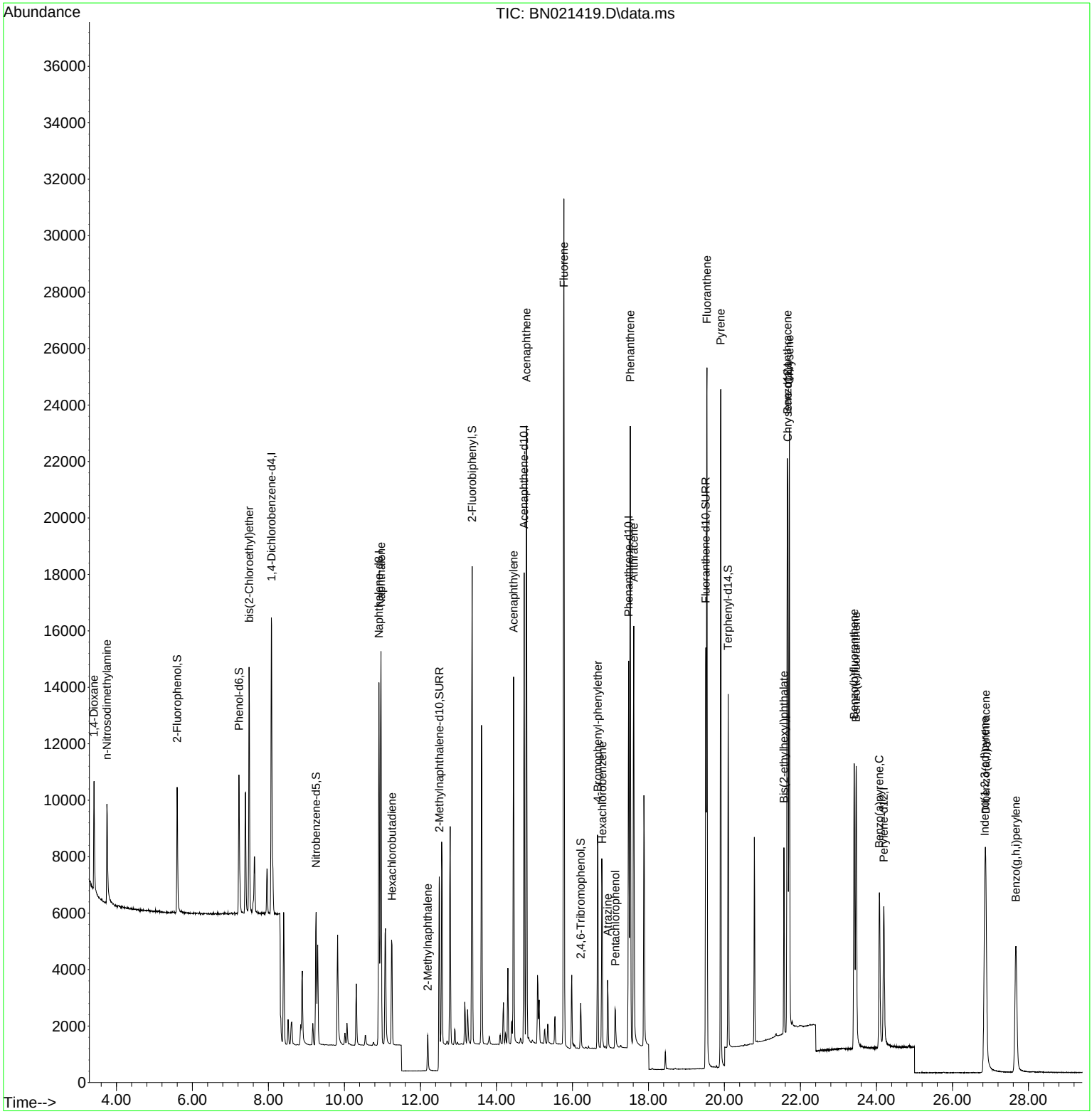
(#) = qualifier out of range (m) = manual integration (+) = signals summed

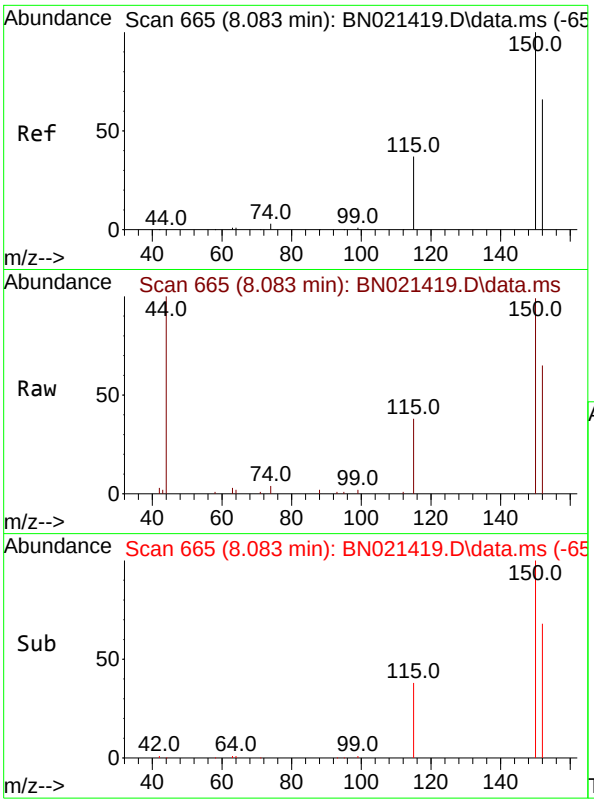
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021419.D
Acq On : 29 Aug 2022 12:26
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Aug 29 16:32:19 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



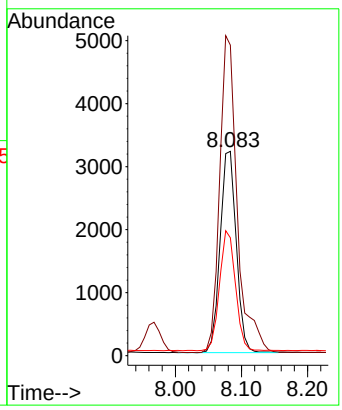


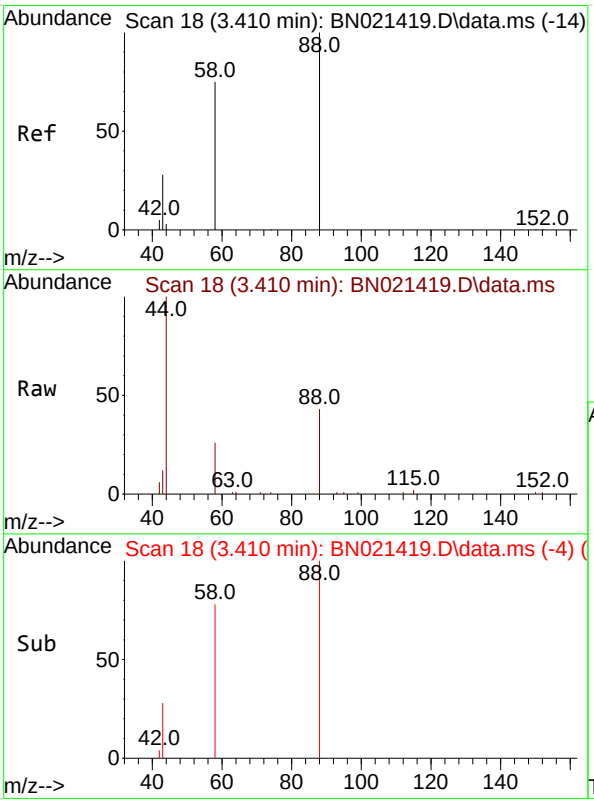
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 5445

Ion	Ratio	Lower	Upper
152	100		
150	152.0	121.4	182.0
115	57.7	48.6	72.8

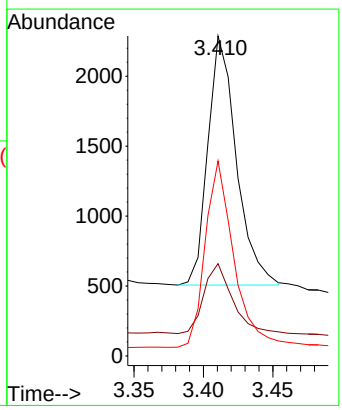


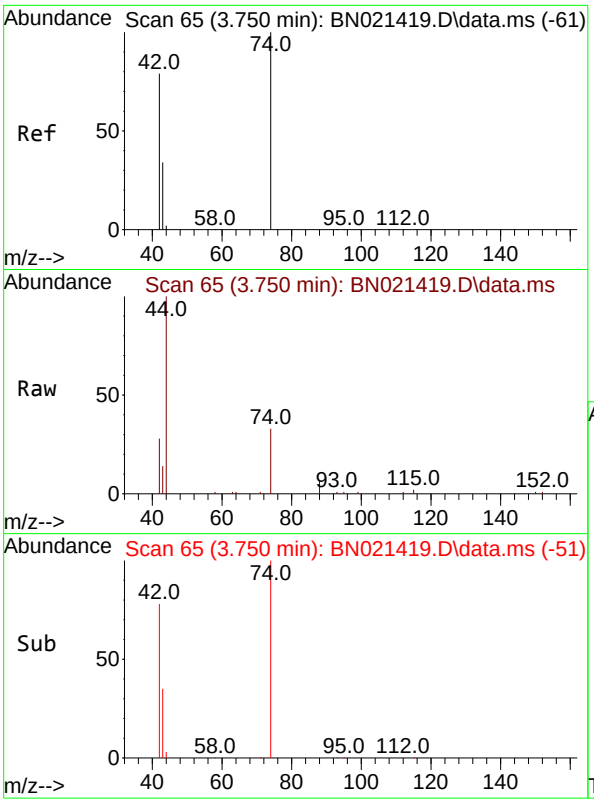


#2
1,4-Dioxane
Concen: 0.374 ng
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion: 88 Resp: 2545

Ion	Ratio	Lower	Upper
88	100		
43	28.1	35.8	53.8#
58	74.7	57.1	85.7



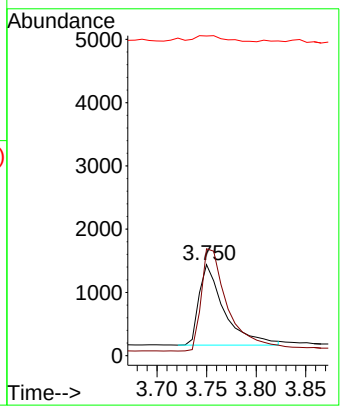


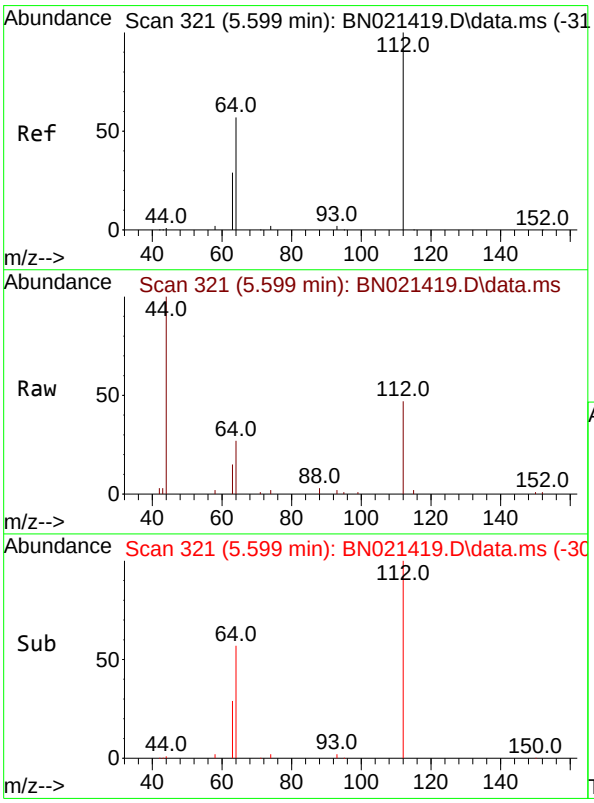
#3
n-Nitrosodimethylamine
Concen: 0.370 ng
RT: 3.750 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 42 Resp: 2273

Ion	Ratio	Lower	Upper
42	100		
74	134.1	113.0	169.6
44	10.3	10.5	15.7#

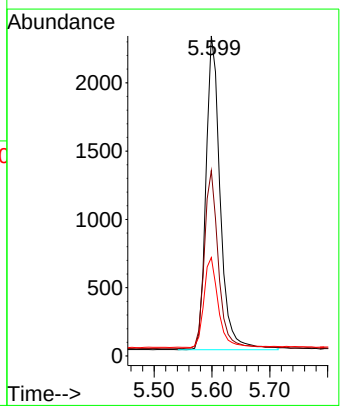


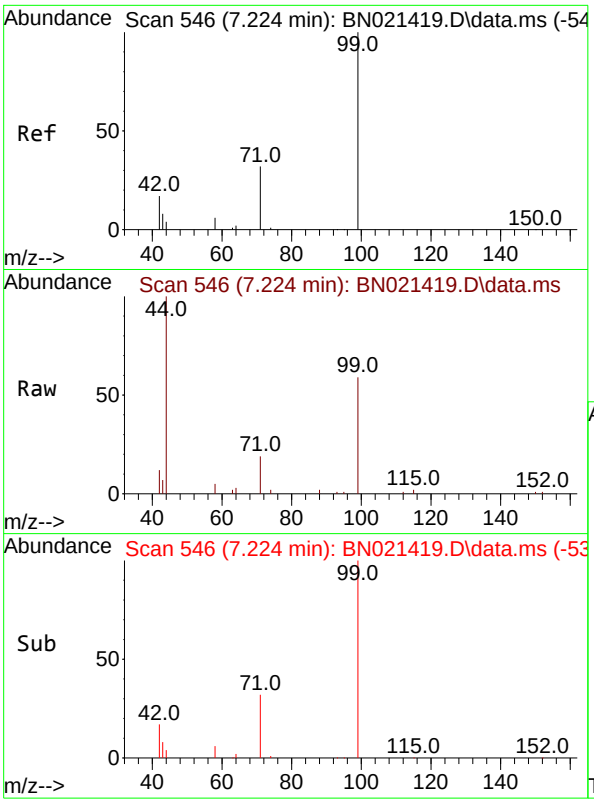


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:112 Resp: 3940

Ion	Ratio	Lower	Upper
112	100		
64	56.4	43.5	65.3
63	28.7	22.6	34.0



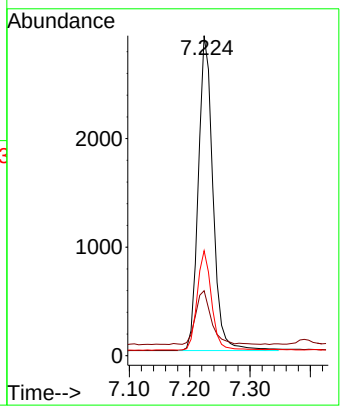


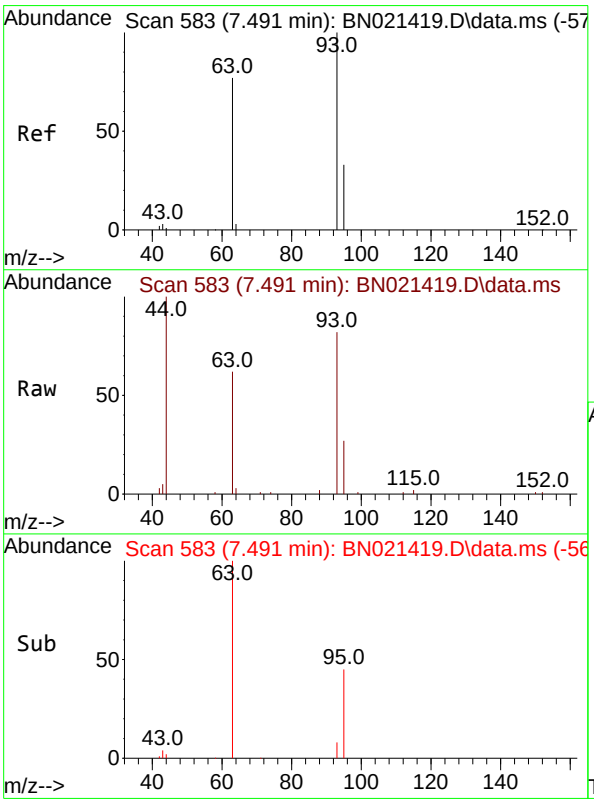
#5
Phenol-d6
Concen: 0.361 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion: 99 Resp: 4896

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.5	23.3
71	31.0	24.2	36.2

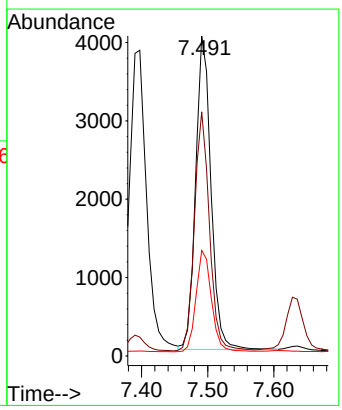


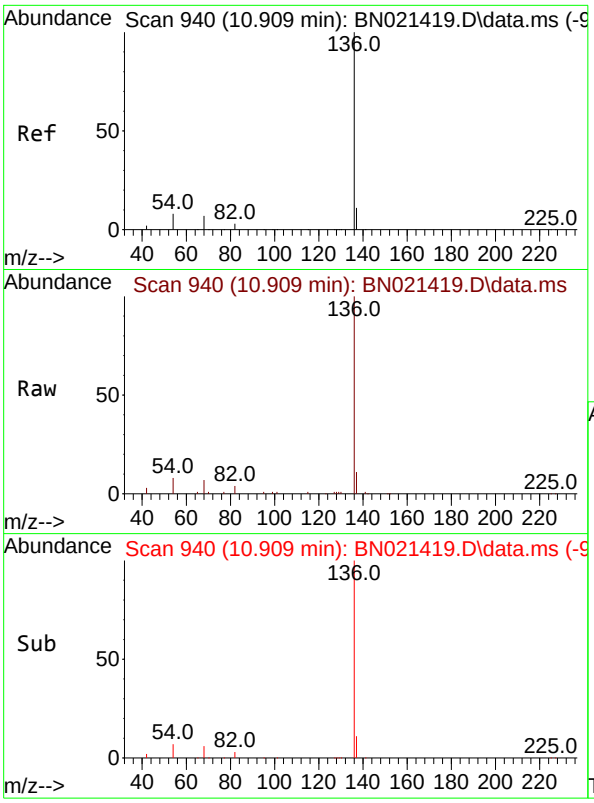


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion: 93 Resp: 6441

Ion	Ratio	Lower	Upper
93	100		
63	75.1	57.8	86.8
95	32.7	25.9	38.9



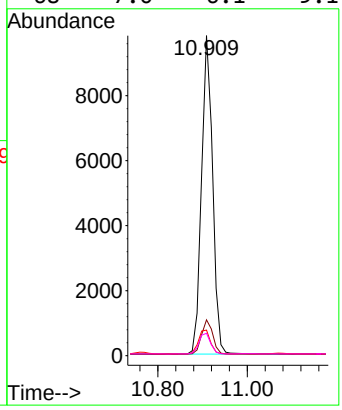


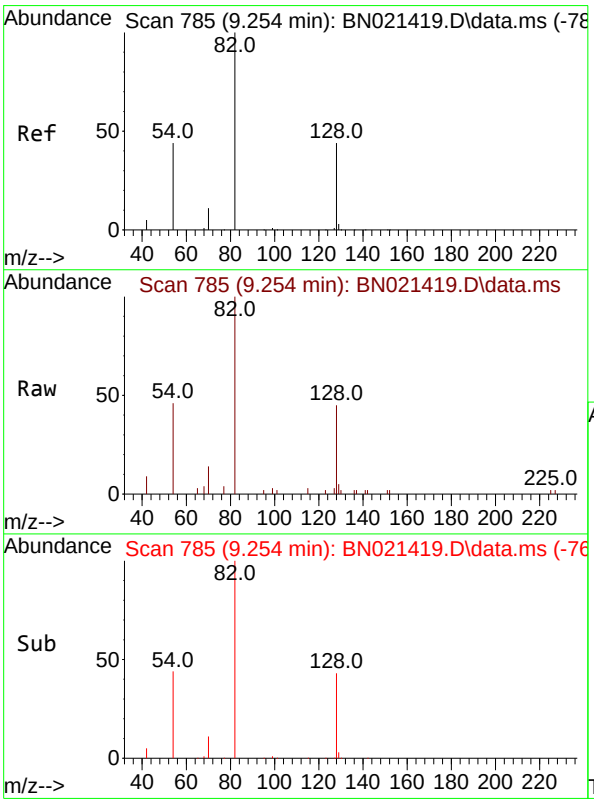
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:136 Resp: 16845

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	8.0	6.9	10.3
68	7.0	6.1	9.1

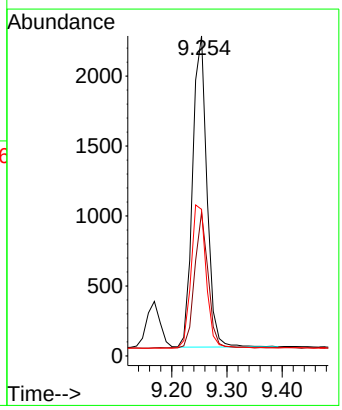


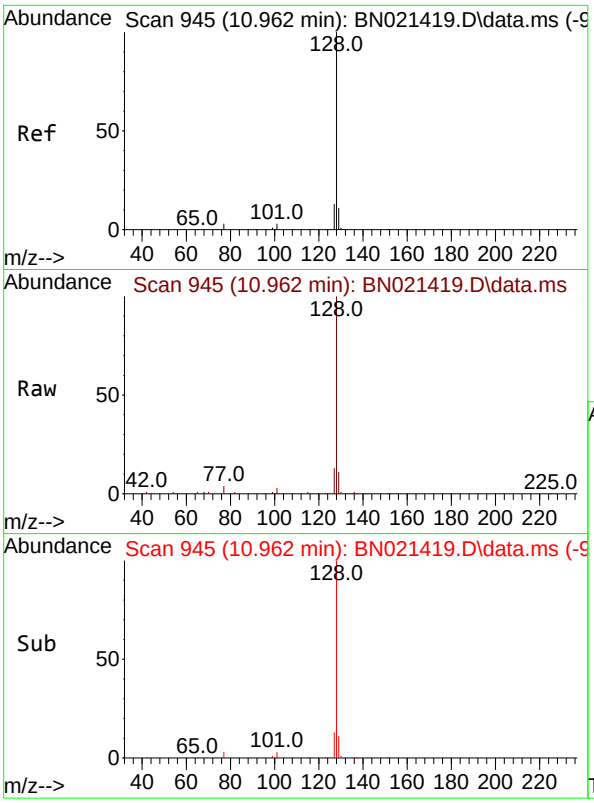


#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 9.254 min Scan# 785
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion: 82 Resp: 4009

Ion	Ratio	Lower	Upper
82	100		
128	44.8	30.9	46.3
54	45.8	42.7	64.1



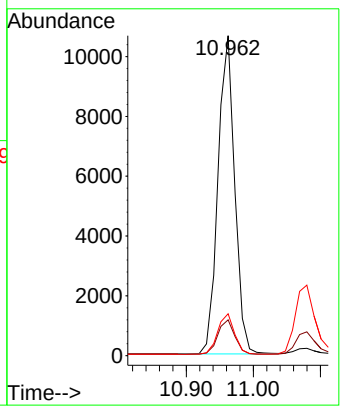


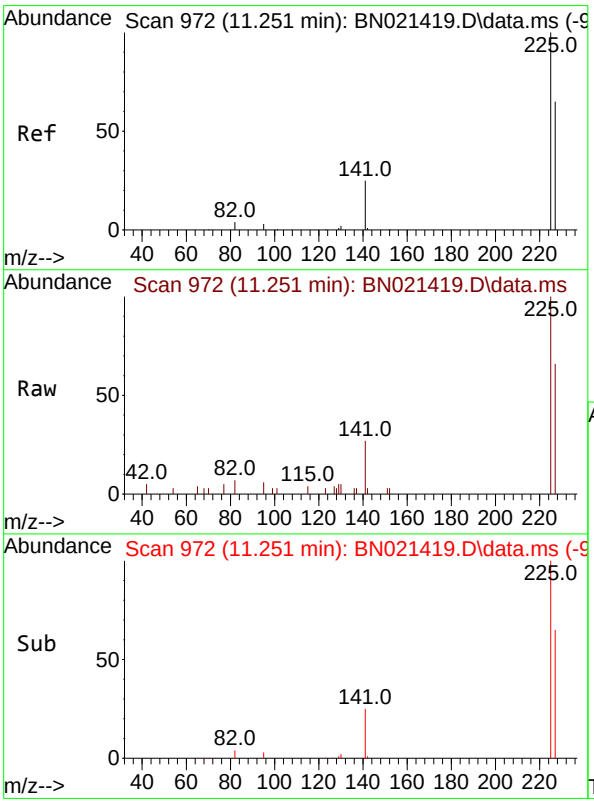
#9
Naphthalene
Concen: 0.370 ng
RT: 10.962 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:128 Resp: 18441

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.1	11.0	16.4

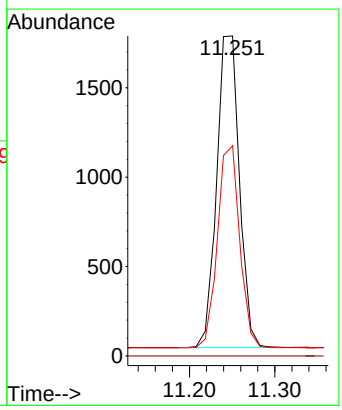


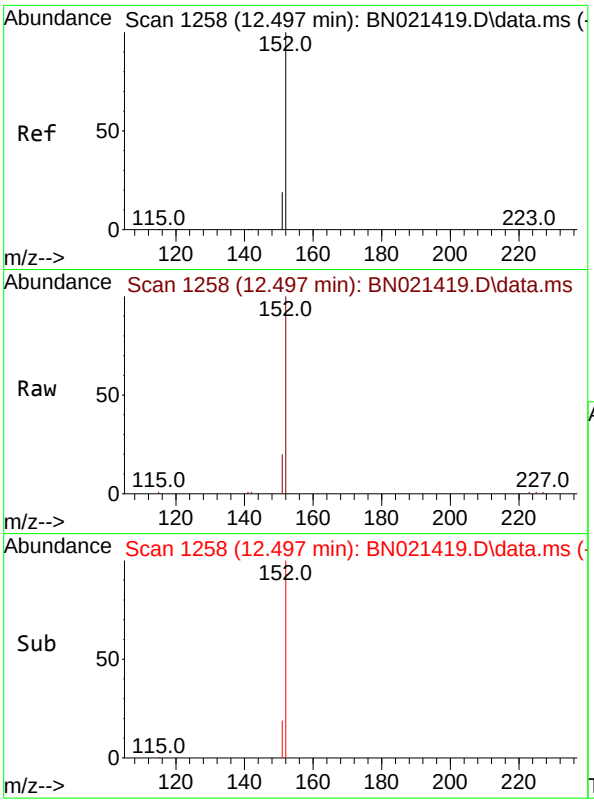


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 11.251 min Scan# 972
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:225 Resp: 3236

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	51.2	76.8



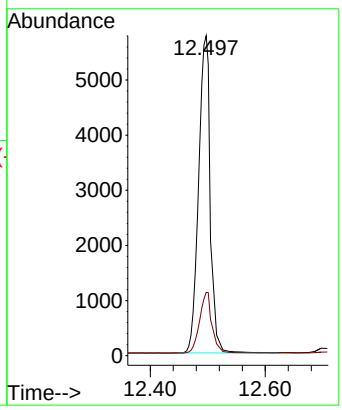


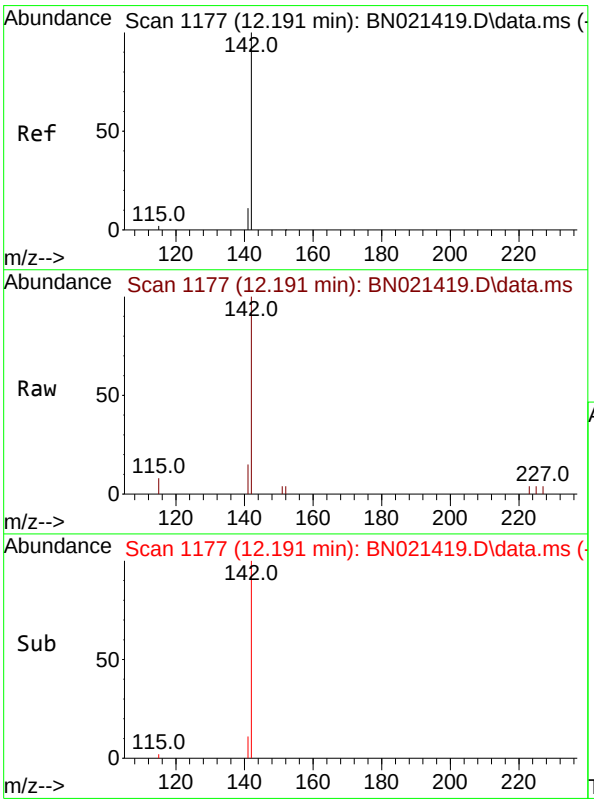
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.497 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:152 Resp: 13262

Ion	Ratio	Lower	Upper
152	100		
151	19.2	14.5	21.7

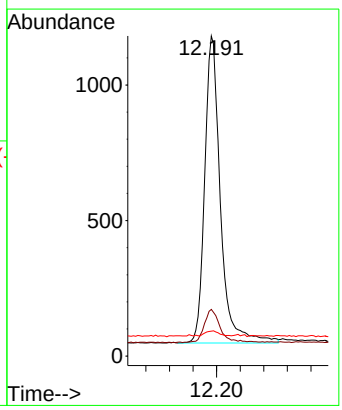


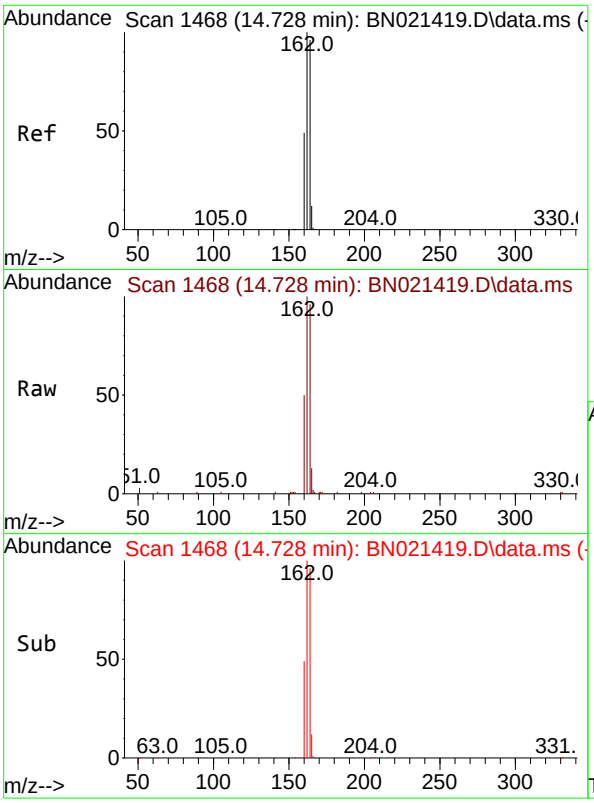


#12
2-Methylnaphthalene
Concen: 0.379 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:142 Resp: 2095

Ion	Ratio	Lower	Upper
142	100		
141	14.6	12.2	18.2
115	7.8	7.9	11.9#



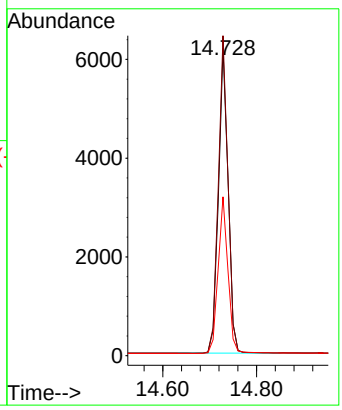


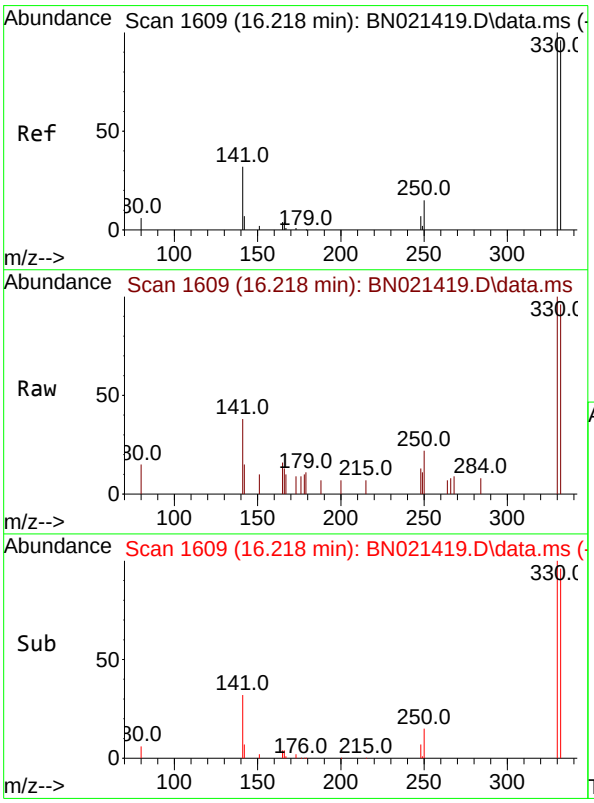
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.728 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:164 Resp: 8935

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.2	123.4
160	51.7	39.5	59.3

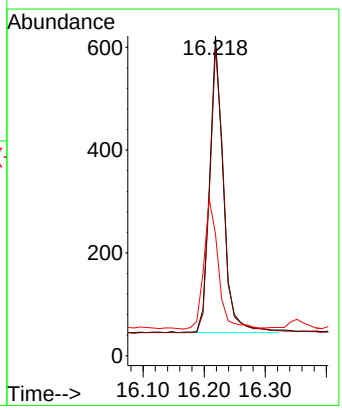


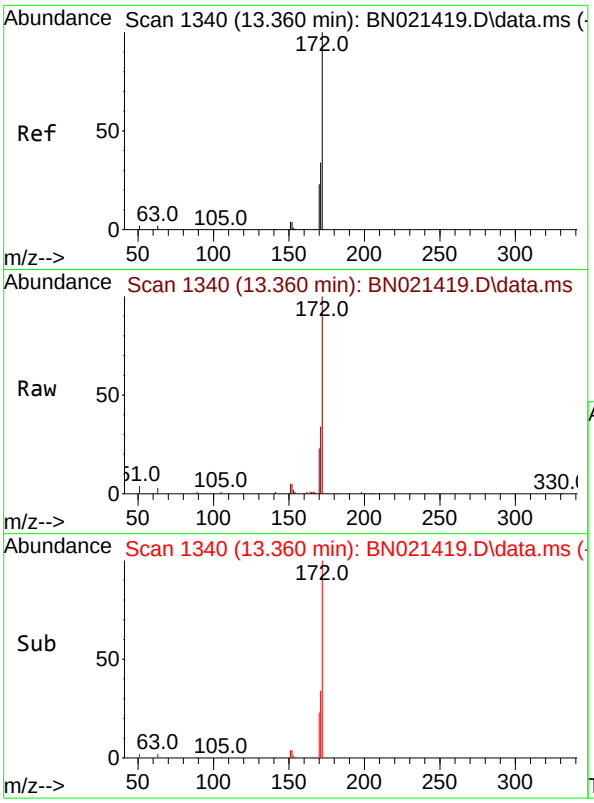


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:330 Resp: 902

Ion	Ratio	Lower	Upper
330	100		
332	97.8	79.3	118.9
141	46.0	37.1	55.7



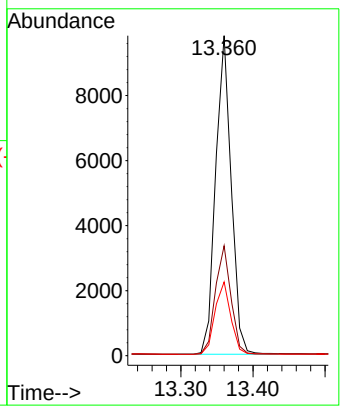


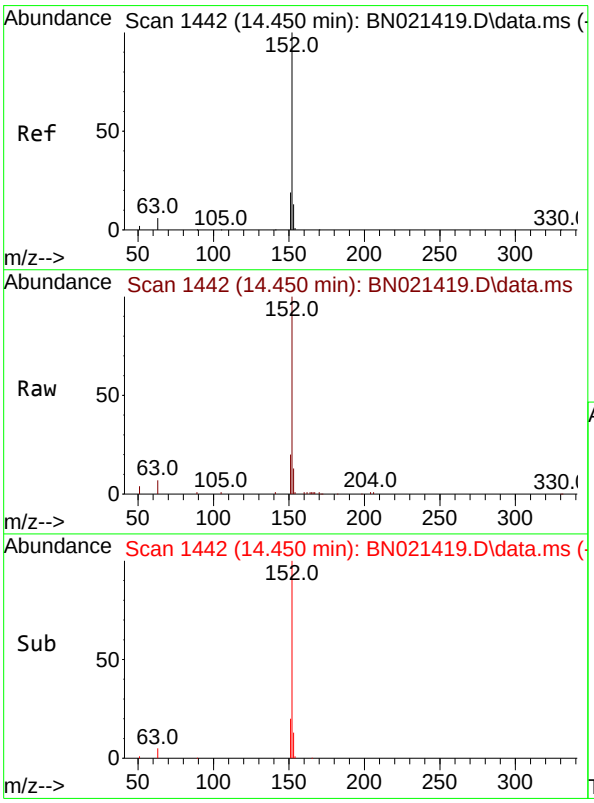
#15
2-Fluorobiphenyl
Concen: 0.375 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:172 Resp: 14660

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.8	41.6
170	23.1	18.6	28.0

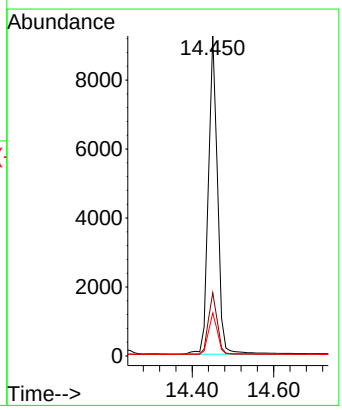


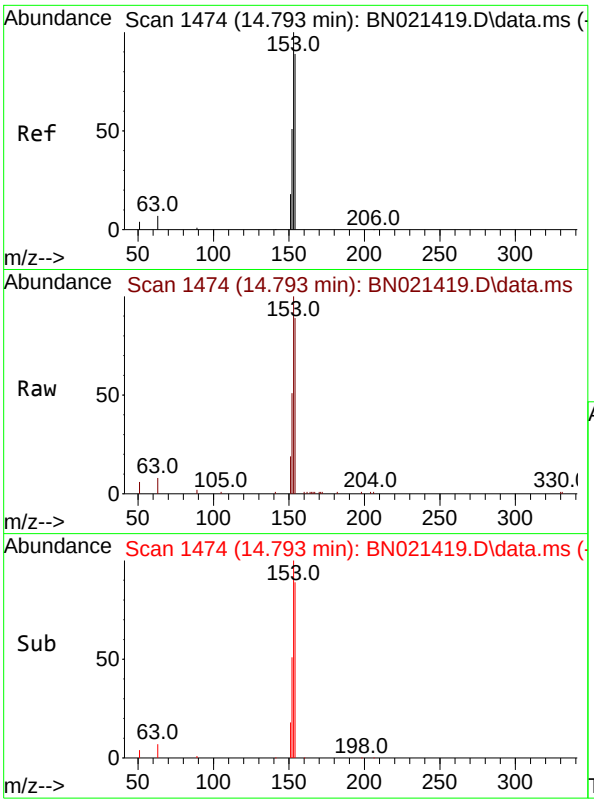


#16
Acenaphthylene
Concen: 0.345 ng
RT: 14.450 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:152 Resp: 14458

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.3	15.5



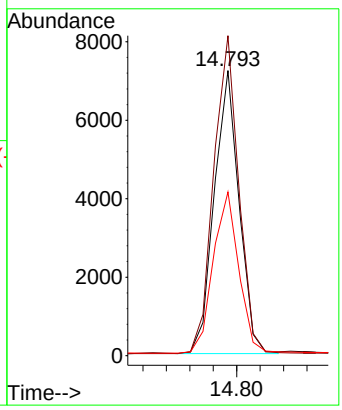


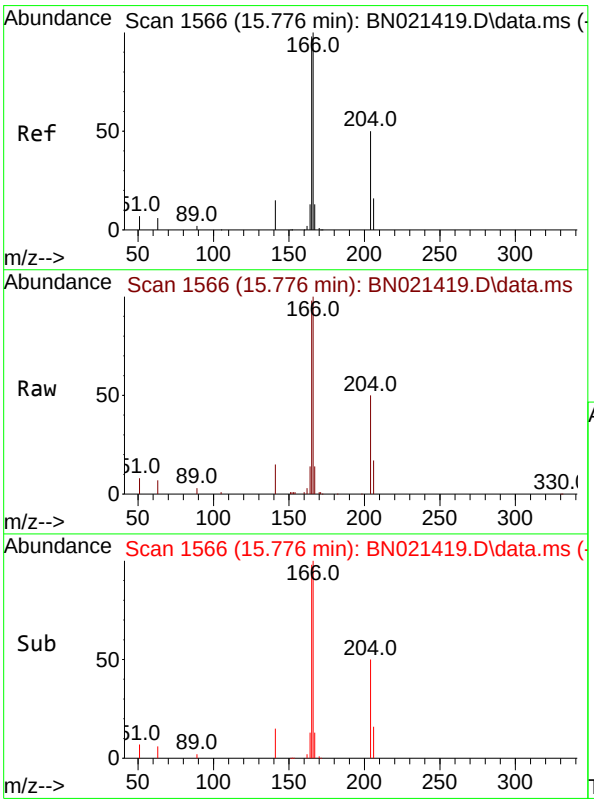
#17
Acenaphthene
Concen: 0.359 ng
RT: 14.793 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:154 Resp: 10592

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.5	134.3
152	59.4	45.5	68.3

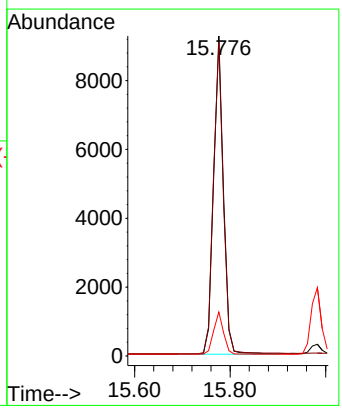


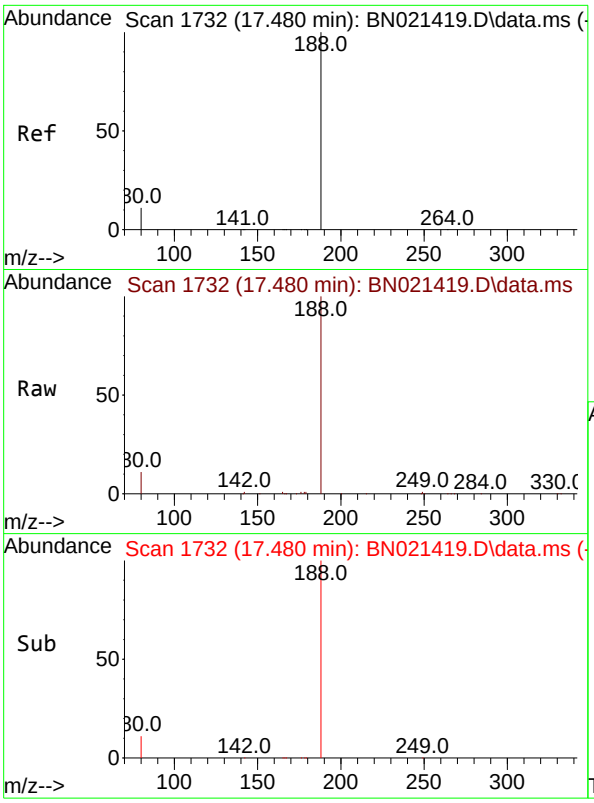


#18
Fluorene
Concen: 0.358 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:166 Resp: 13046

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.6	16.0



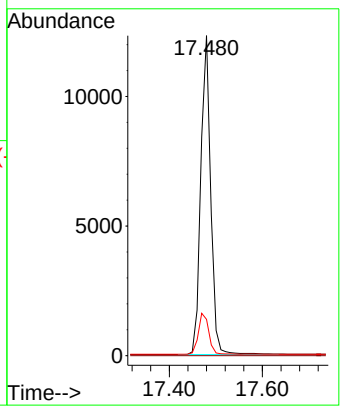


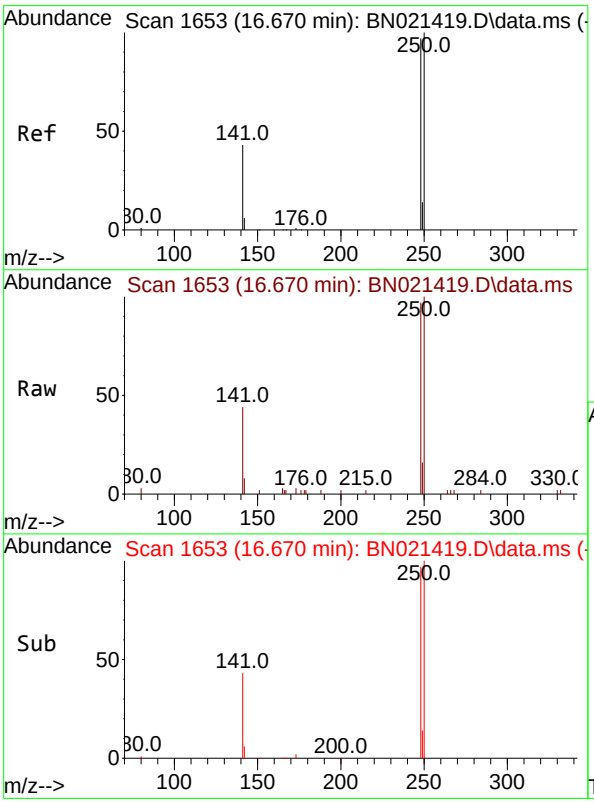
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:188 Resp: 18165

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	9.5	14.3

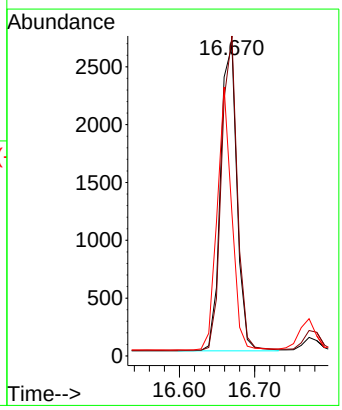


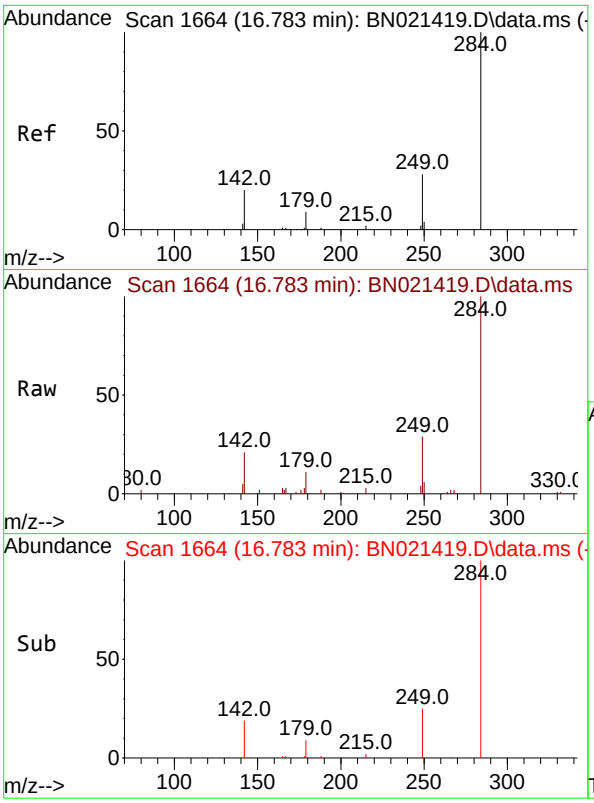


#21
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.670 min Scan# 1653
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:248 Resp: 4021

Ion	Ratio	Lower	Upper
248	100		
250	103.0	81.8	122.6
141	45.8	38.5	57.7



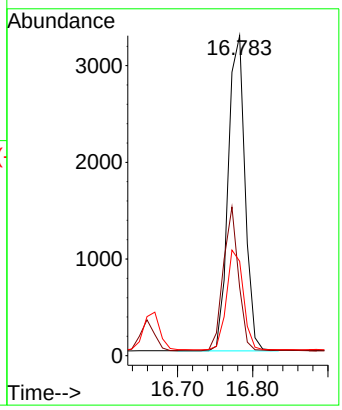


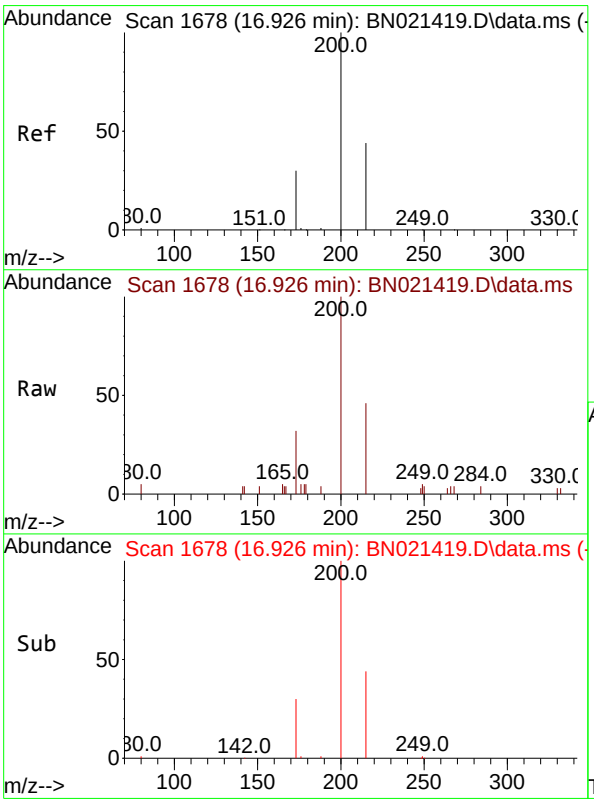
#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.783 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:284 Resp: 5054

Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.3	48.5
249	31.8	25.4	38.2

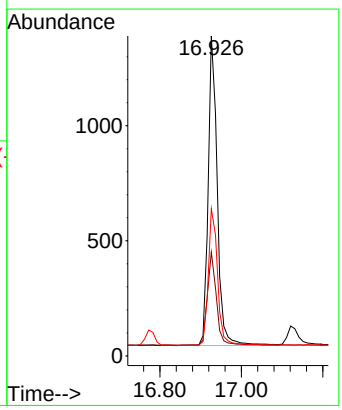


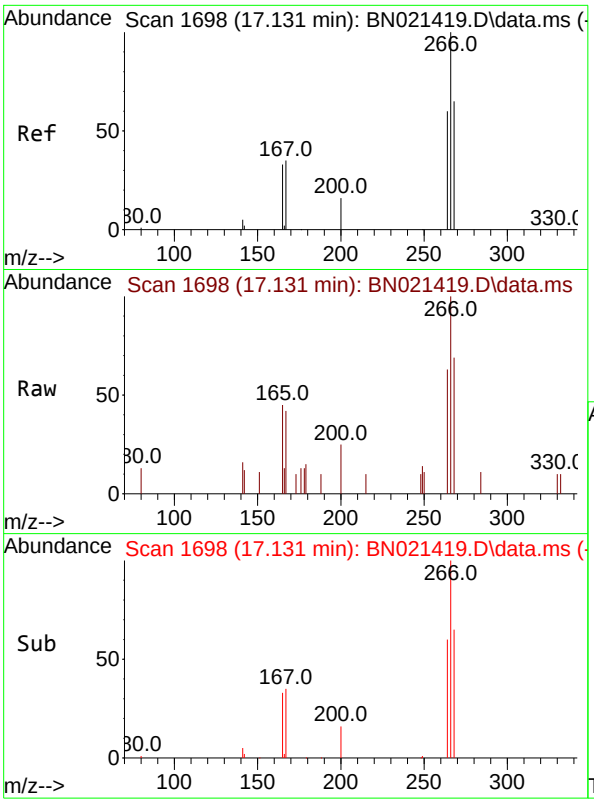


#23
Atrazine
Concen: 0.317 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:200 Resp: 2101

Ion	Ratio	Lower	Upper
200	100		
173	32.4	24.3	36.5
215	46.0	38.4	57.6



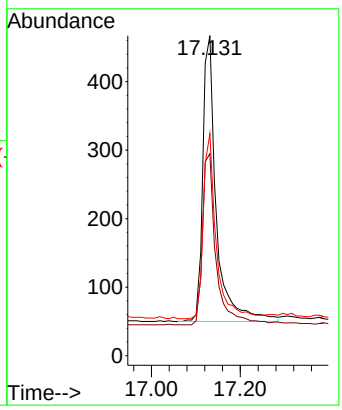


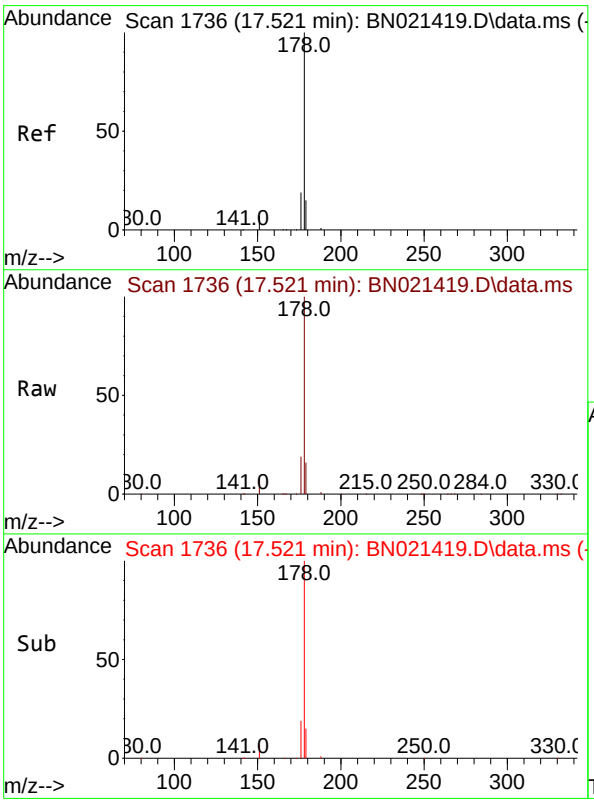
#24
Pentachlorophenol
Concen: 0.414 ng
RT: 17.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:266 Resp: 881

Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.0	73.6
268	62.1	50.9	76.3

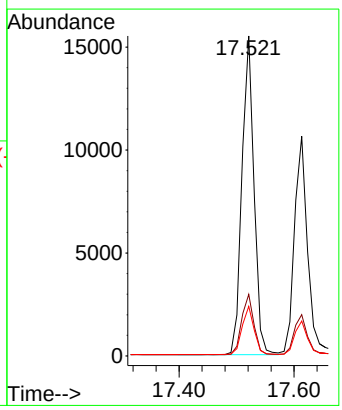


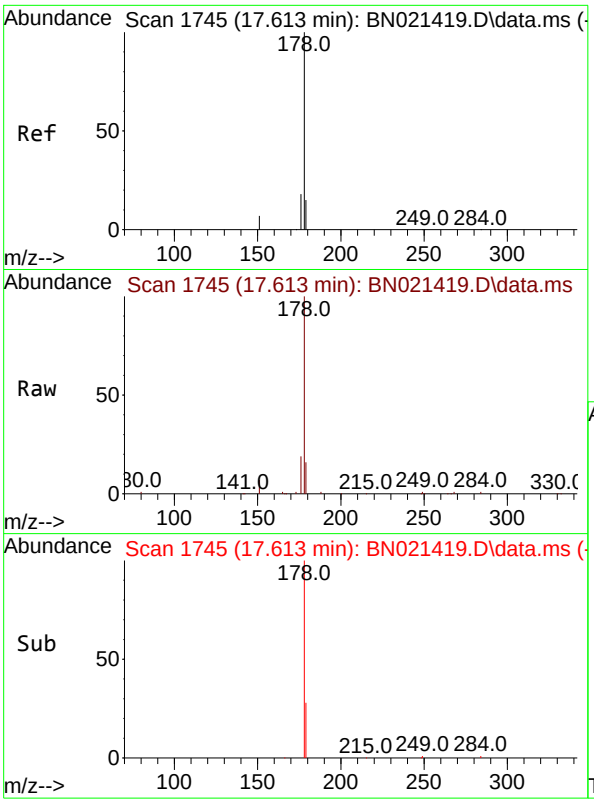


#25
Phenanthrene
Concen: 0.361 ng
RT: 17.521 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:178 Resp: 22662

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.2	18.4



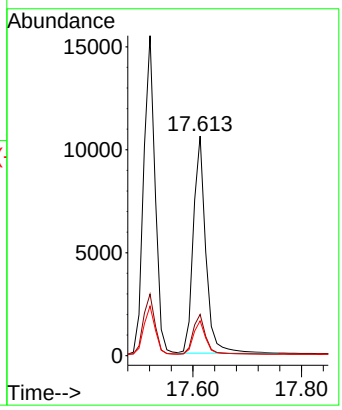


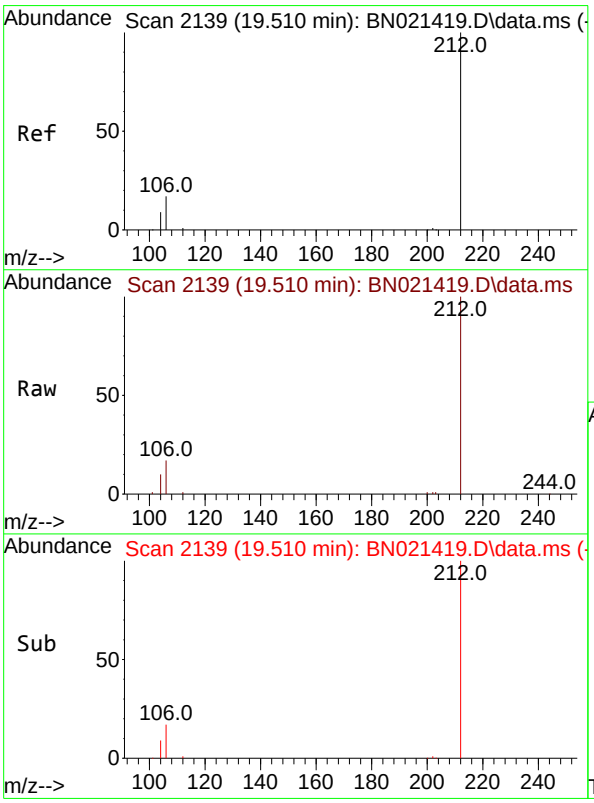
#26
Anthracene
Concen: 0.337 ng
RT: 17.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:178 Resp: 16797

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.3	12.2	18.2

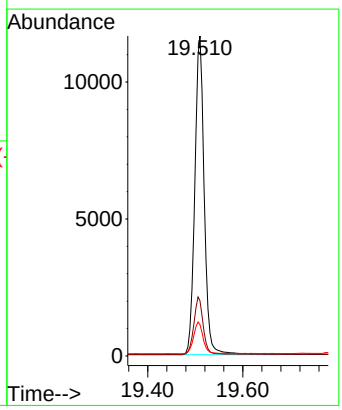


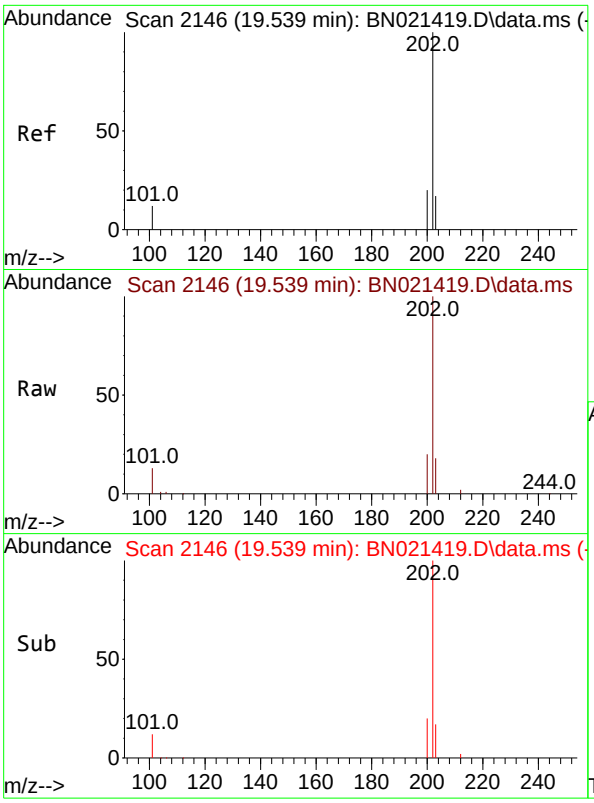


#27
Fluoranthene-d10
Concen: 0.343 ng
RT: 19.510 min Scan# 2139
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:212 Resp: 16004

Ion	Ratio	Lower	Upper
212	100		
106	17.8	14.2	21.2
104	9.9	7.8	11.6



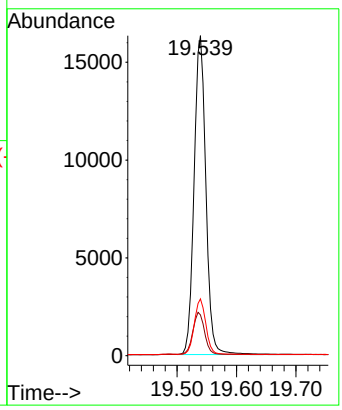


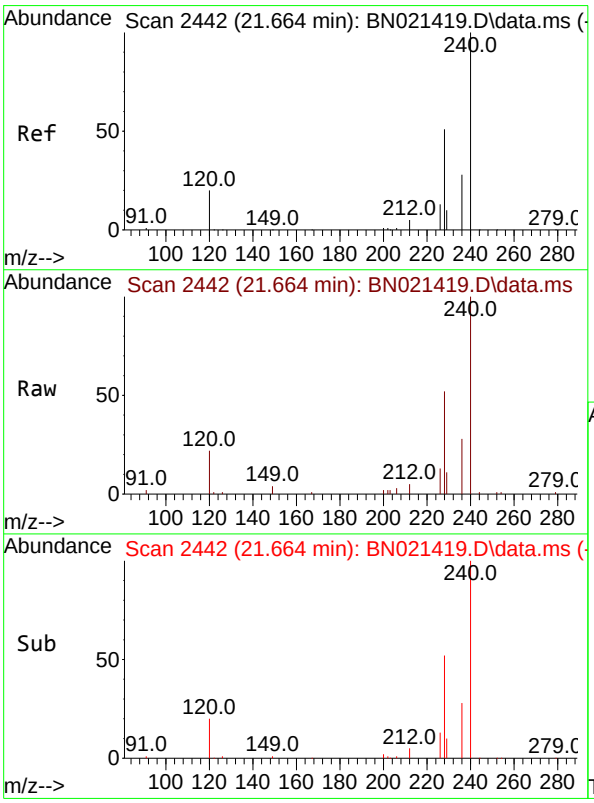
#28
Fluoranthene
Concen: 0.344 ng
RT: 19.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 22398

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
203	17.0	13.8	20.6

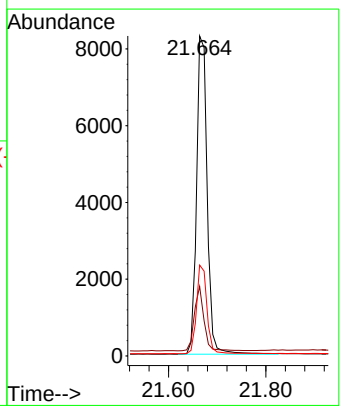


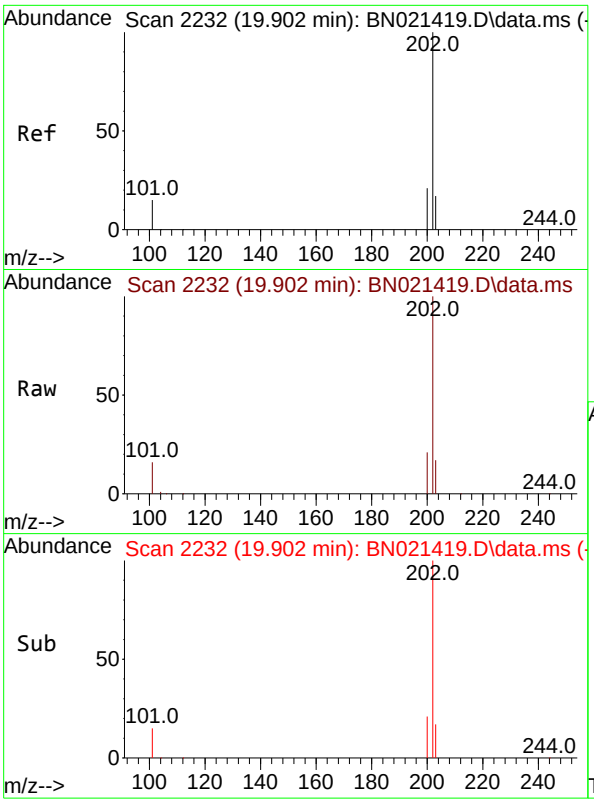


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:240 Resp: 12507

Ion	Ratio	Lower	Upper
240	100		
120	21.7	10.2	15.4#
236	28.4	22.1	33.1



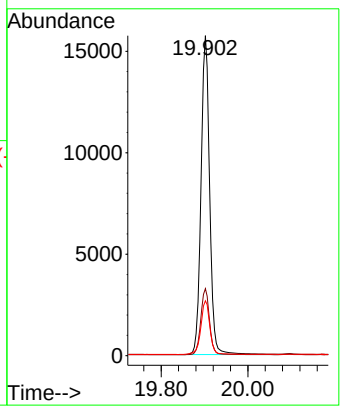


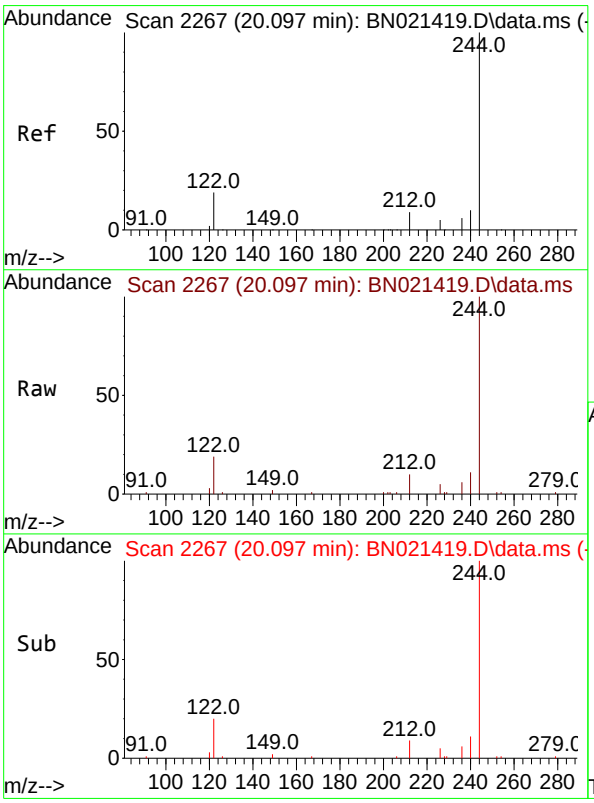
#30
Pyrene
Concen: 0.379 ng
RT: 19.902 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:202 Resp: 25288

Ion	Ratio	Lower	Upper
202	100		
200	17.8	13.9	20.9
203	16.0	11.9	17.9

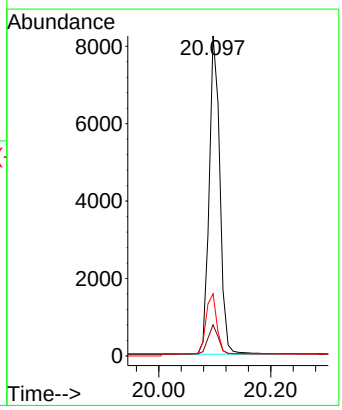


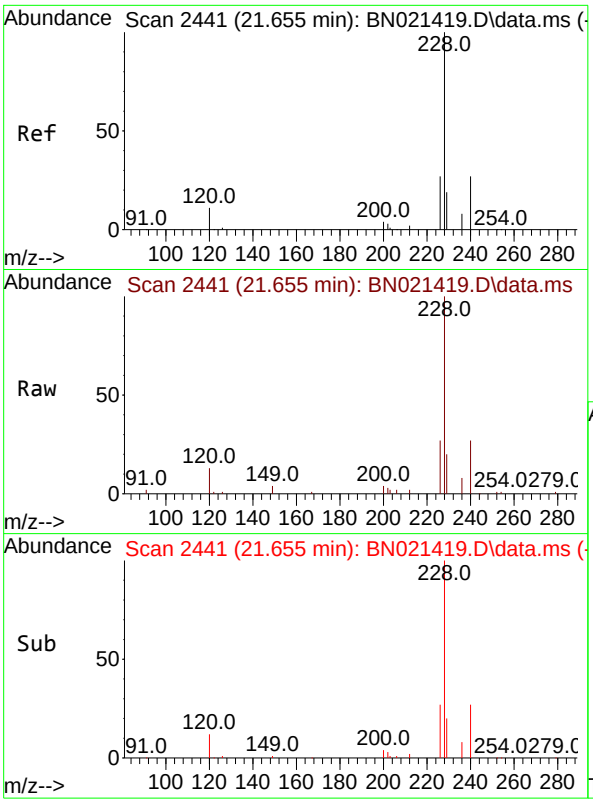


#31
Terphenyl-d14
Concen: 0.388 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:244 Resp: 10919

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.5	9.7#
122	19.5	9.1	13.7#



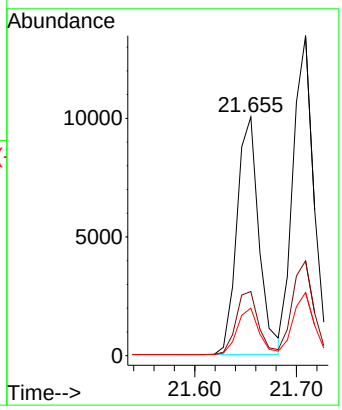


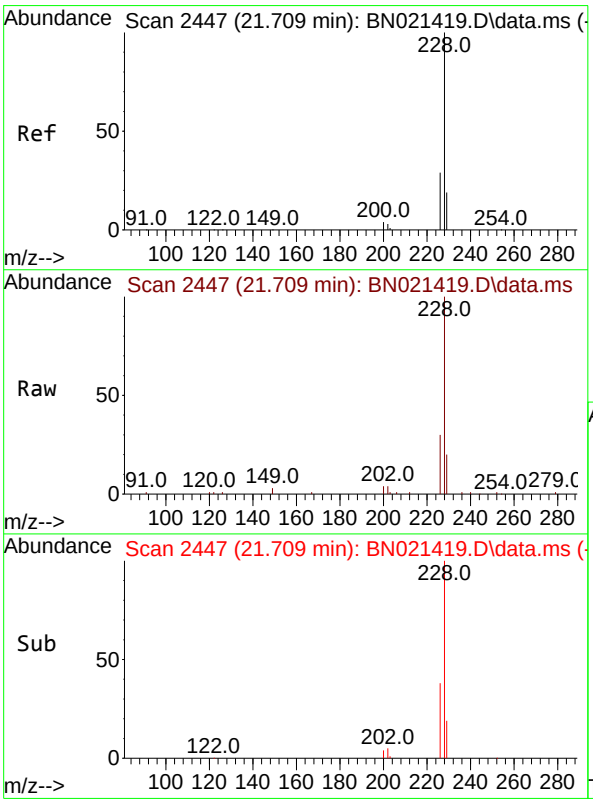
#32
Benzo(a)anthracene
Concen: 0.346 ng
RT: 21.655 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:228 Resp: 15067

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	19.9	15.9	23.9

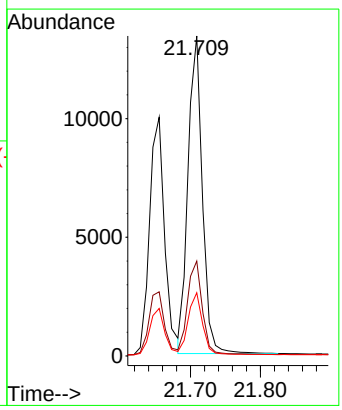


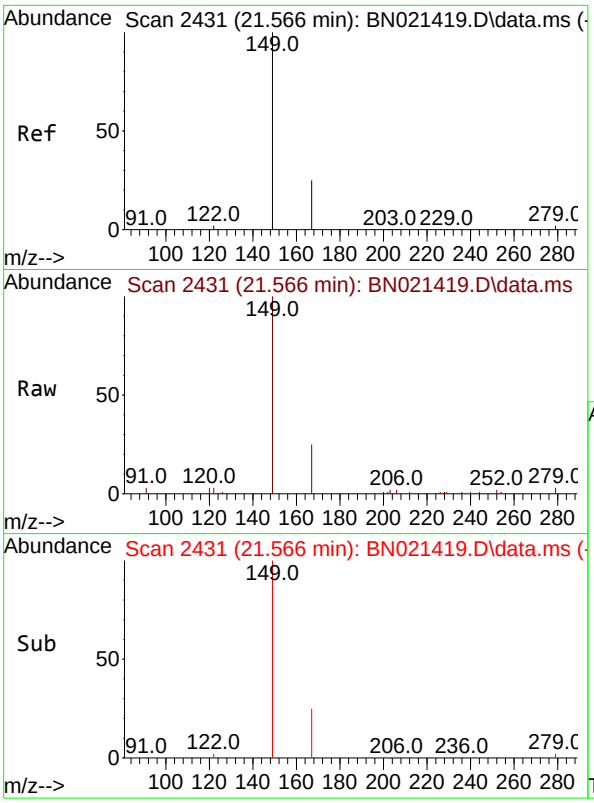


#33
Chrysene
Concen: 0.367 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:228 Resp: 19018

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.7	15.9	23.9



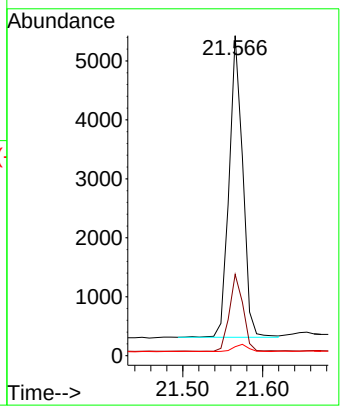


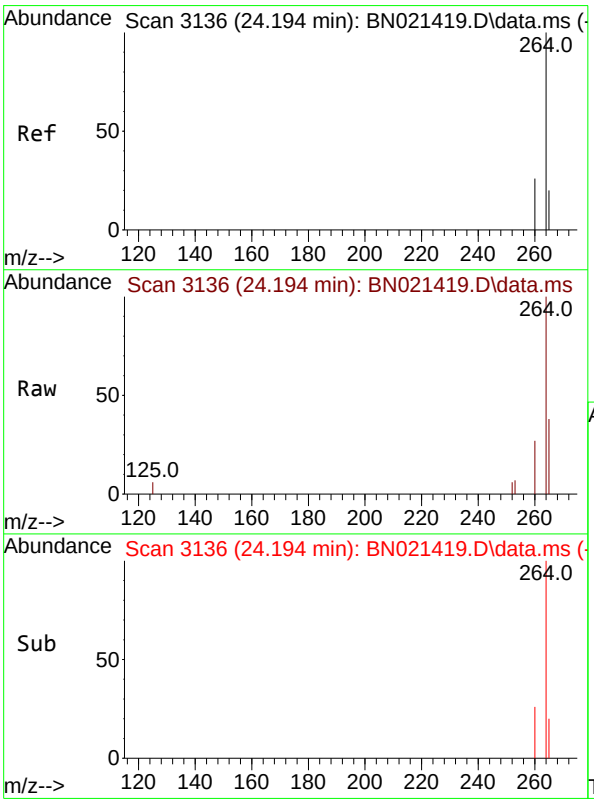
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.566 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:149 Resp: 6059

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.4	32.0
279	2.5	2.2	3.2

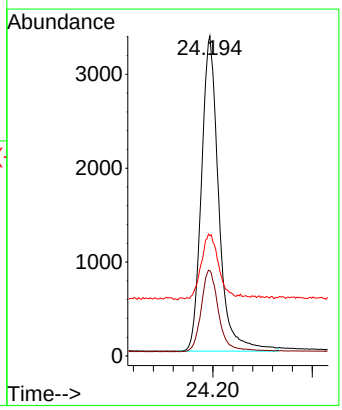


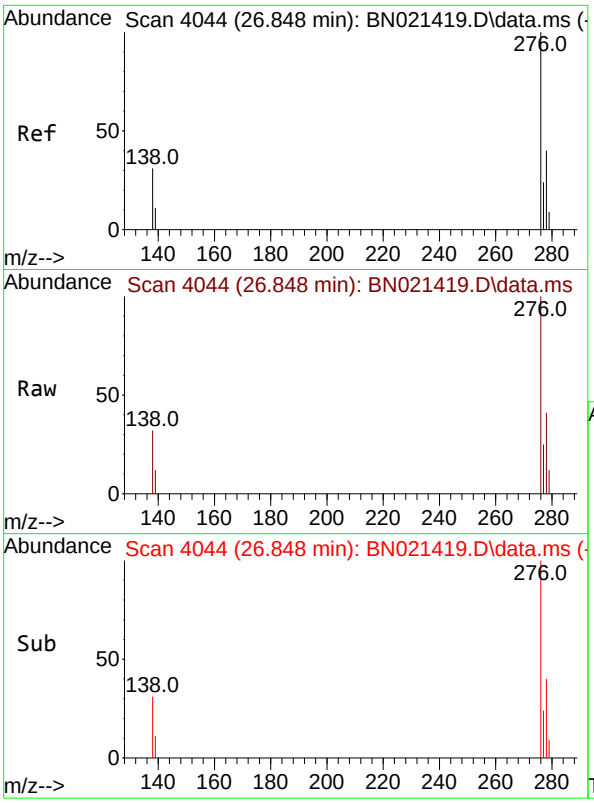


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.194 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:264 Resp: 8125

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.0	31.6
265	37.6	32.2	48.2



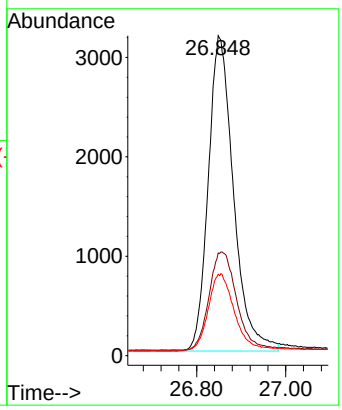


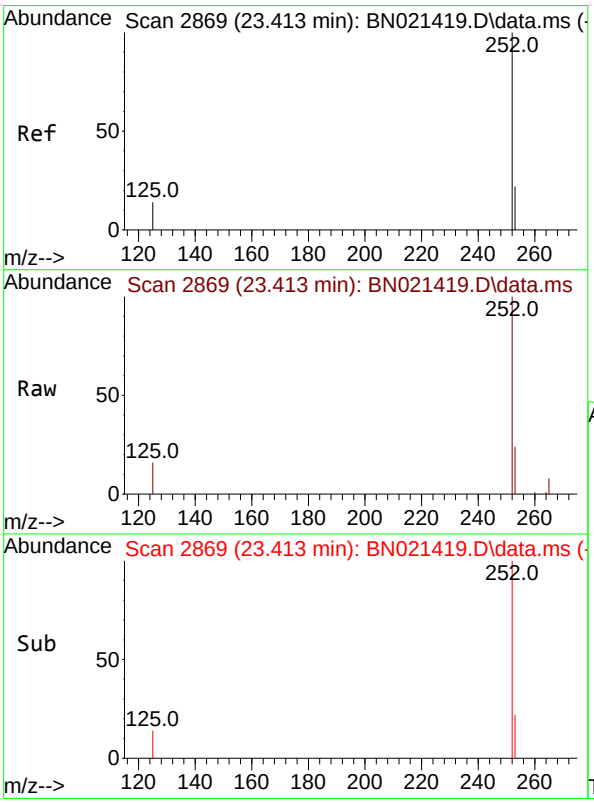
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.340 ng
RT: 26.848 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:276 Resp: 12465

Ion	Ratio	Lower	Upper
276	100		
138	34.0	27.4	41.2
277	25.0	19.9	29.9

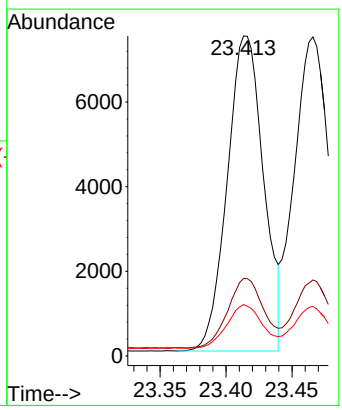


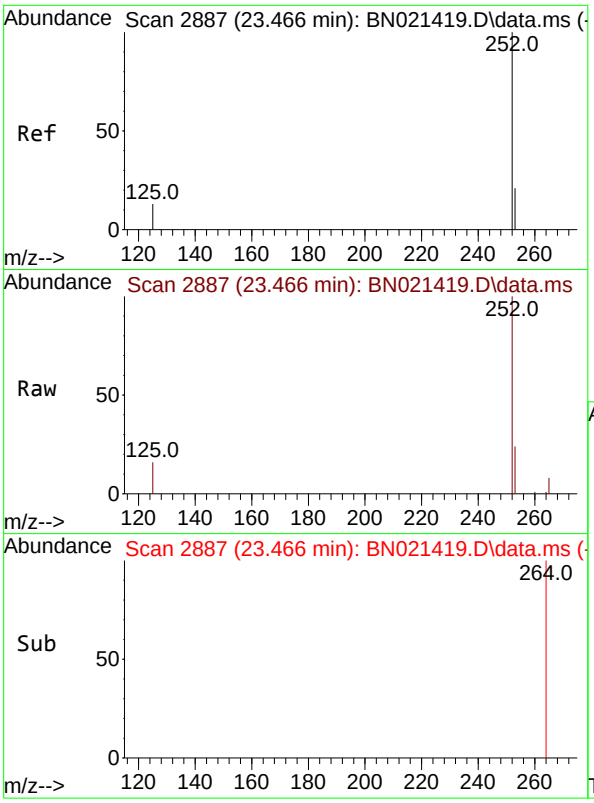


#37
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 23.413 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:252 Resp: 14260

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.6
125	16.0	13.7	20.5



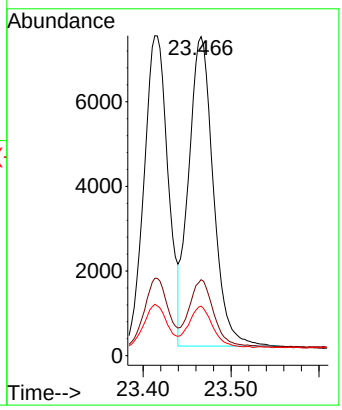


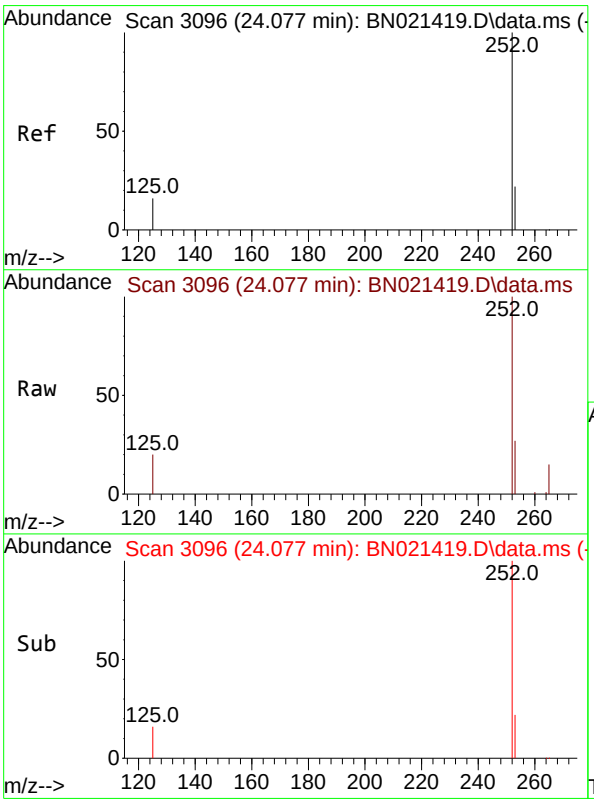
#38
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 23.466 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:252 Resp: 14280

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	15.5	12.3	18.5

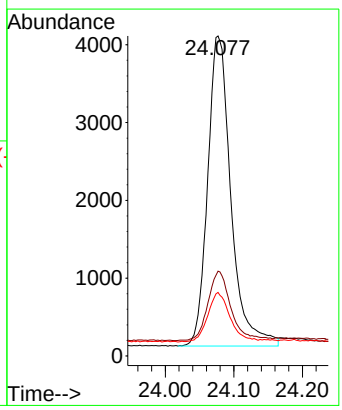


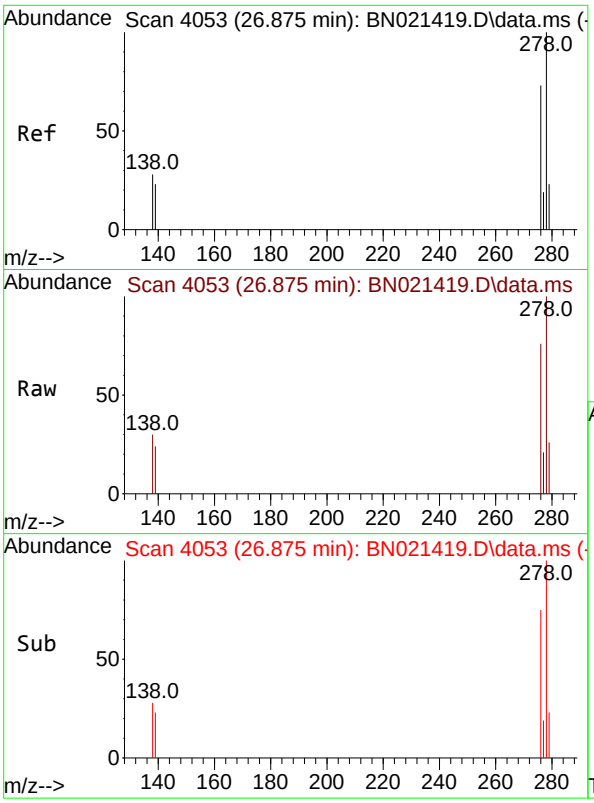


#39
Benzo(a)pyrene
Concen: 0.337 ng
RT: 24.077 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:252 Resp: 9415

Ion	Ratio	Lower	Upper
252	100		
253	26.5	21.1	31.7
125	19.9	16.6	25.0



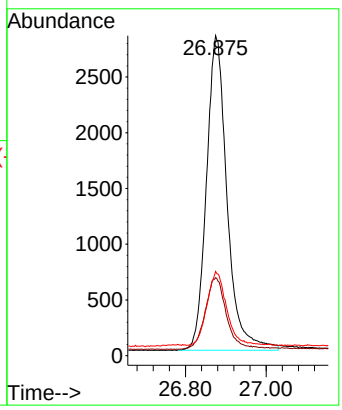


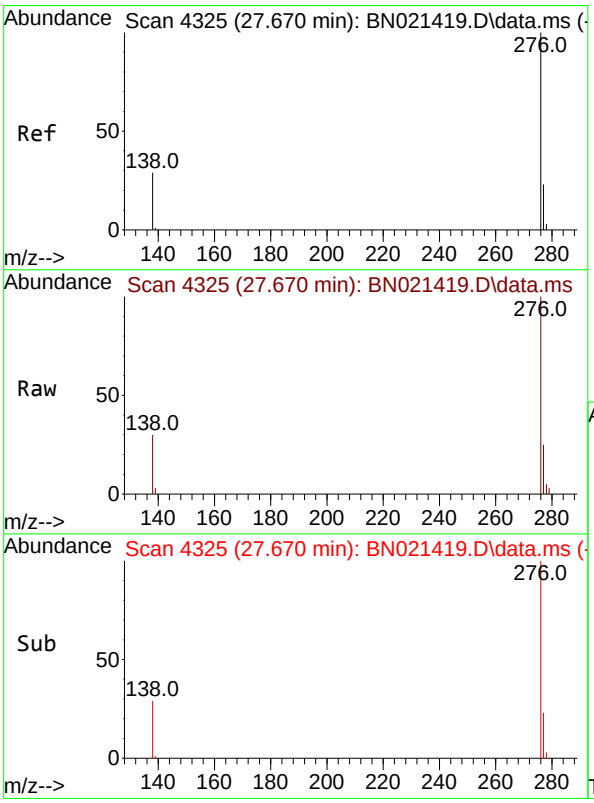
#40
Dibenzo(a,h)anthracene
Concen: 0.339 ng
RT: 26.875 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tgt Ion:278 Resp: 10020

Ion	Ratio	Lower	Upper
278	100		
139	24.4	21.8	32.6
279	26.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.347 ng
RT: 27.670 min Scan# 4325
Delta R.T. 0.000 min
Lab File: BN021419.D
Acq: 29 Aug 2022 12:26

Tgt Ion:276 Resp: 11251

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	30.3	23.7	35.5