Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021449.D
Acq On : 30 Aug 2022 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 30 09:40:43 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	5590	0.400	ng	0.00
7) Naphthalene-d8	10.909	136	17564	0.400	ng	# 0.00
13) Acenaphthene-d10	14.729	164	9502	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	19448	0.400	ng	0.00
29) Chrysene-d12	21.664	240	14487	0.400	ng	# 0.00
35) Perylene-d12	24.191	264	10739	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.599	112	4165	0.381	ng	0.00
5) Phenol-d6	7.224	99	5214	0.374	ng	0.00
8) Nitrobenzene-d5	9.243	82	4236	0.357	ng	-0.01
11) 2-Methylnaphthalene-d10	12.493	152	13427	0.339	ng	0.00
14) 2,4,6-Tribromophenol	16.219	330	996	0.319	ng	0.00
15) 2-Fluorobiphenyl	13.360	172	15374	0.370	ng	0.00
27) Fluoranthene-d10	19.506	212	17596	0.352	ng	0.00
31) Terphenyl-d14	20.097	244	12142	0.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	2572	0.368	ng	# 88
3) n-Nitrosodimethylamine	3.750	42	2440	0.387	ng	# 92
6) bis(2-Chloroethyl)ether	7.491	93	6649	0.379	ng	97
9) Naphthalene	10.952	128	19319	0.371	ng	100
10) Hexachlorobutadiene	11.240	225	3386	0.376	ng	# 99
12) 2-Methylnaphthalene	12.191	142	2365	0.400	ng	# 95
16) Acenaphthylene	14.451	152	15429	0.346	ng	99
17) Acenaphthene	14.793	154	11475	0.366	ng	99
18) Fluorene	15.776	166	14082	0.364	ng	99
21) 4-Bromophenyl-phenylether	16.660	248	4321	0.355	ng	# 78
22) Hexachlorobenzene	16.772	284	5414	0.364	ng	99
23) Atrazine	16.926	200	2285	0.322	ng	97
24) Pentachlorophenol	17.121	266	1034	0.434	ng	97
25) Phenanthrene	17.521	178	24110	0.359	ng	100
26) Anthracene	17.613	178	18547	0.348	ng	99
28) Fluoranthene	19.535	202	24887	0.357	ng	100
30) Pyrene	19.898	202	28250	0.366	ng	99
32) Benzo(a)anthracene	21.655	228	18095	0.359	ng	99
33) Chrysene	21.709	228	22294	0.371	ng	99
34) Bis(2-ethylhexyl)phtha...	21.566	149	7307	0.359	ng	98
36) Indeno(1,2,3-cd)pyrene	26.846	276	17391	0.359	ng	100
37) Benzo(b)fluoranthene	23.413	252	18461	0.349	ng	99
38) Benzo(k)fluoranthene	23.466	252	18209	0.342	ng	98
39) Benzo(a)pyrene	24.080	252	13324	0.361	ng	97
40) Dibenzo(a,h)anthracene	26.872	278	13969	0.358	ng	96
41) Benzo(g,h,i)perylene	27.664	276	14243	0.333	ng	99

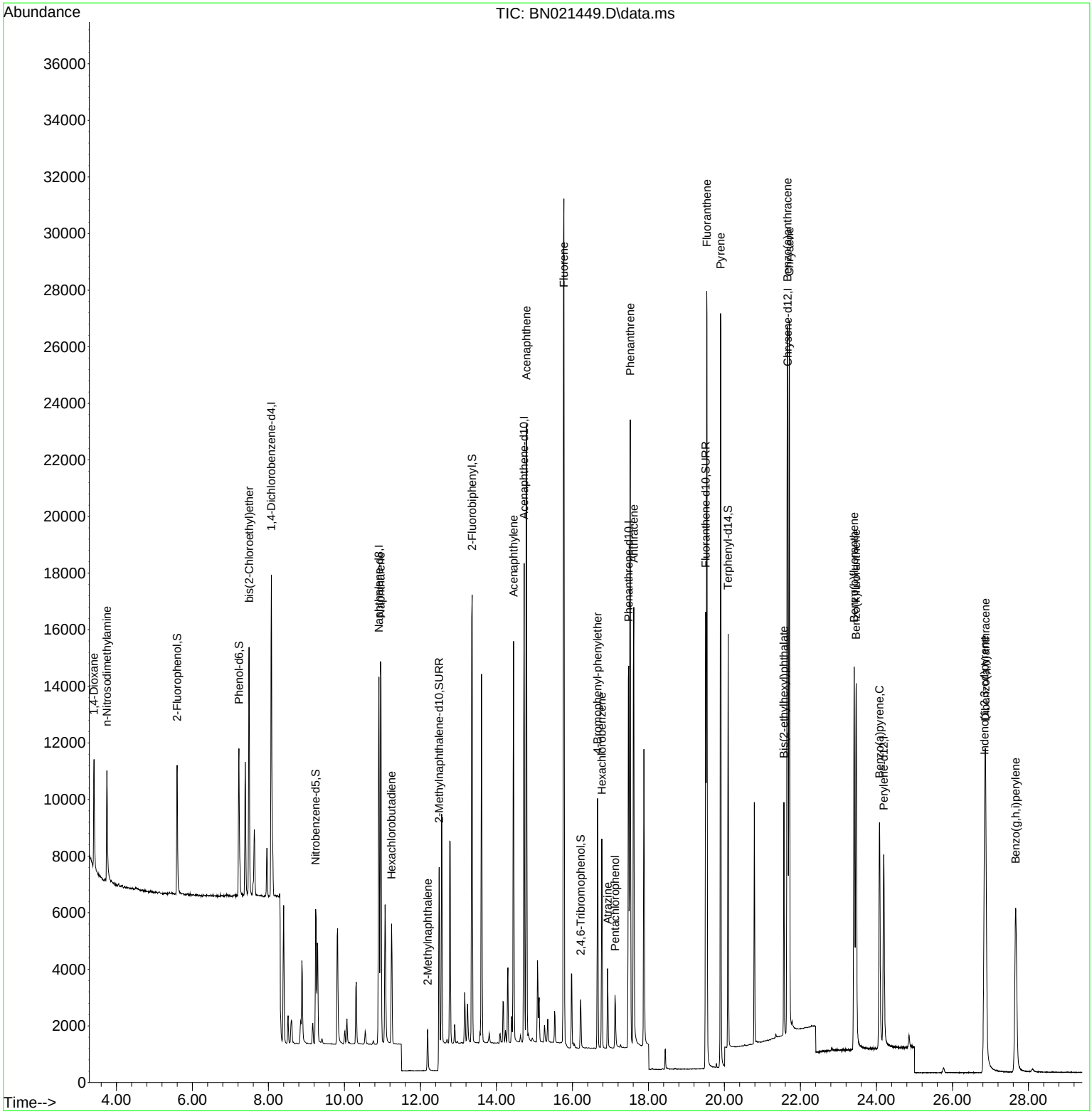
(#) = qualifier out of range (m) = manual integration (+) = signals summed

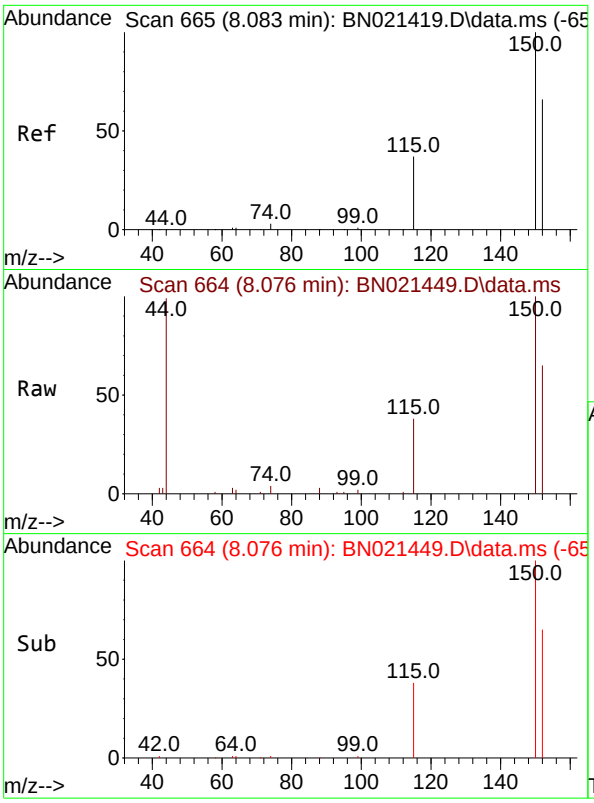
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021449.D
Acq On : 30 Aug 2022 09:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 30 09:40:43 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



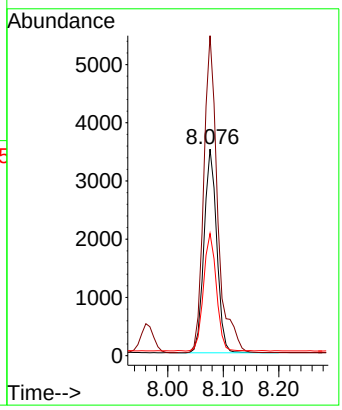


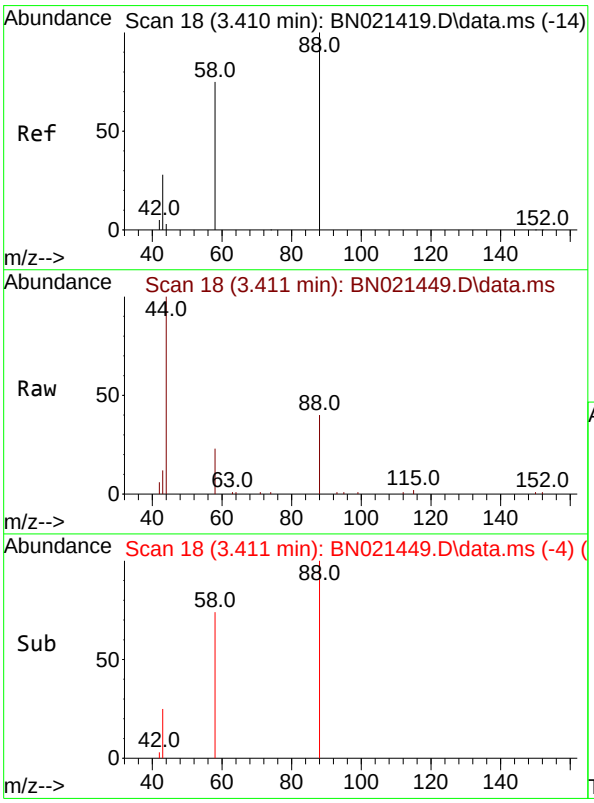
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.076 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5590

Ion	Ratio	Lower	Upper
152	100		
150	154.9	121.4	182.0
115	59.1	48.6	72.8

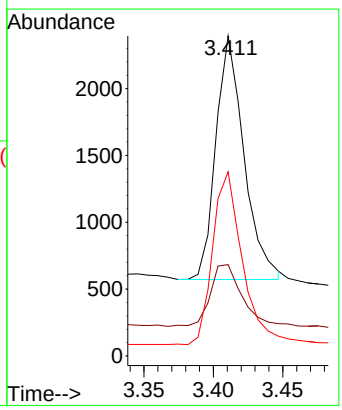


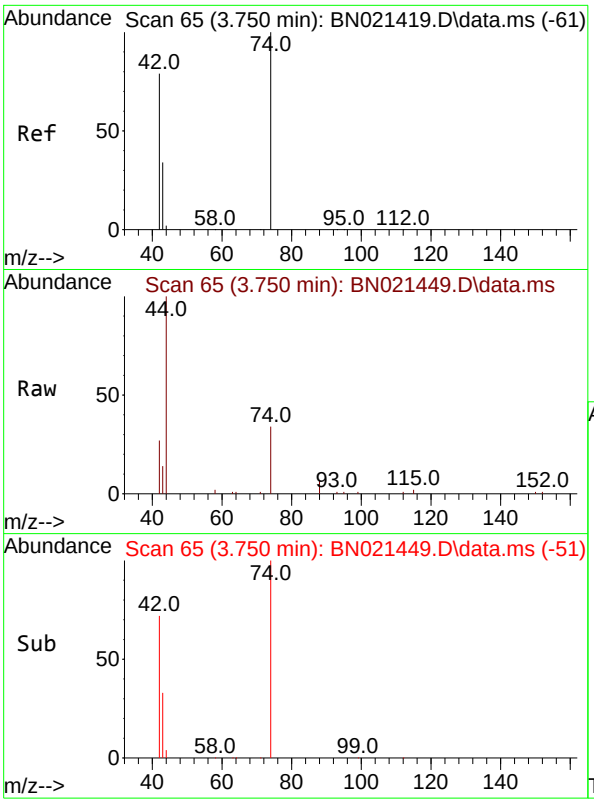


#2
1,4-Dioxane
Concen: 0.368 ng
RT: 3.411 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion: 88 Resp: 2572

Ion	Ratio	Lower	Upper
88	100		
43	28.4	35.8	53.8#
58	74.1	57.1	85.7



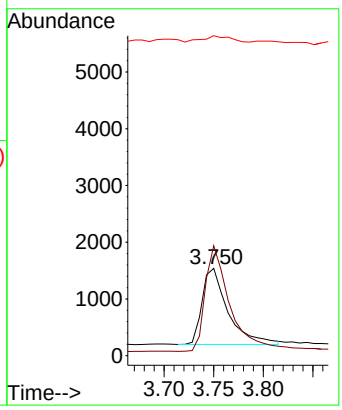


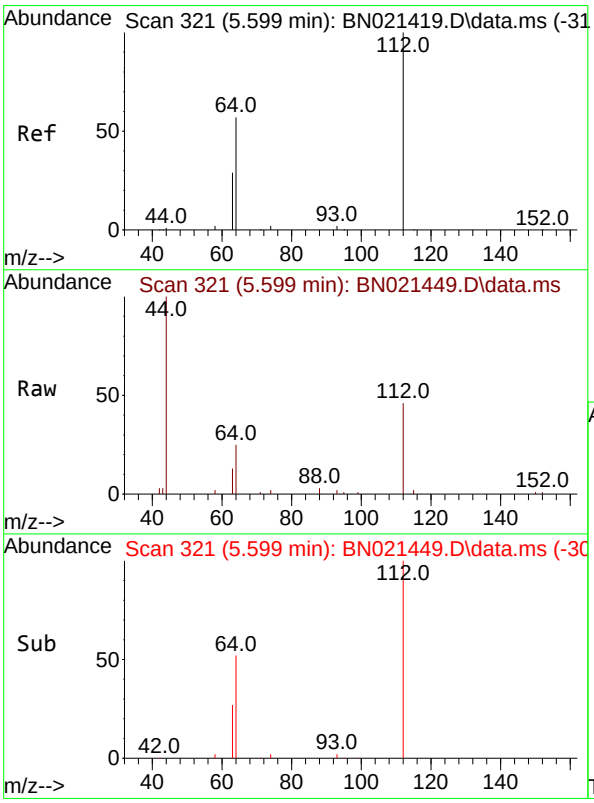
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.750 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2440

Ion	Ratio	Lower	Upper
42	100		
74	132.1	113.0	169.6
44	8.4	10.5	15.7#

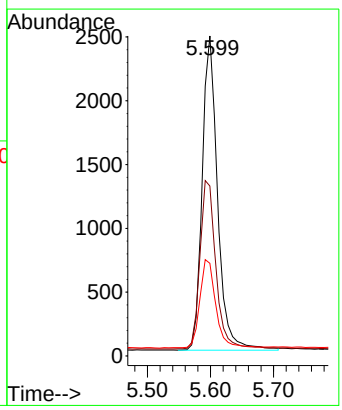


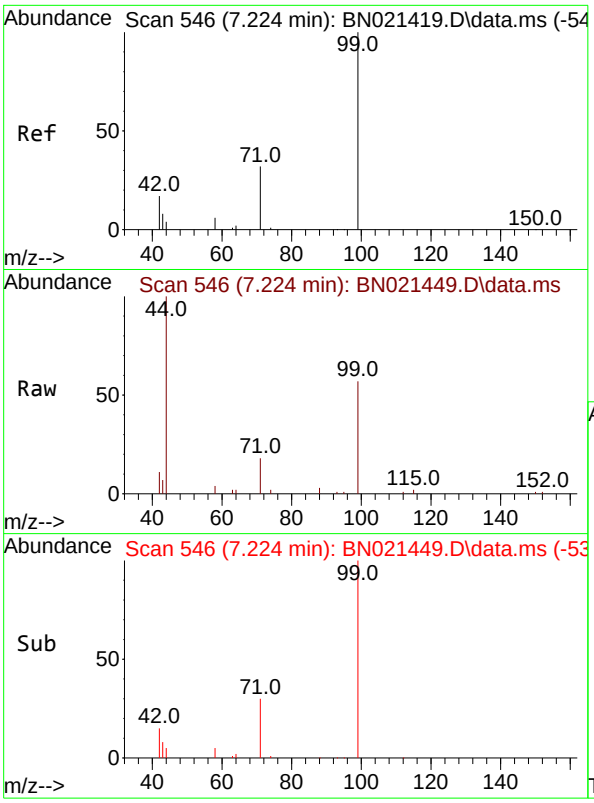


#4
2-Fluorophenol
Concen: 0.381 ng
RT: 5.599 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:112 Resp: 4165

Ion	Ratio	Lower	Upper
112	100		
64	56.0	43.5	65.3
63	29.5	22.6	34.0



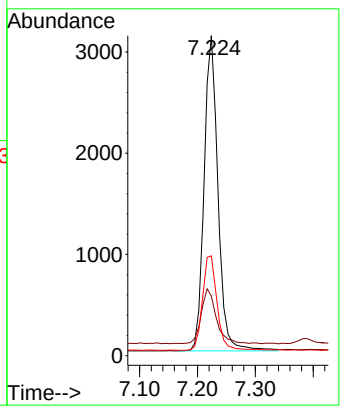


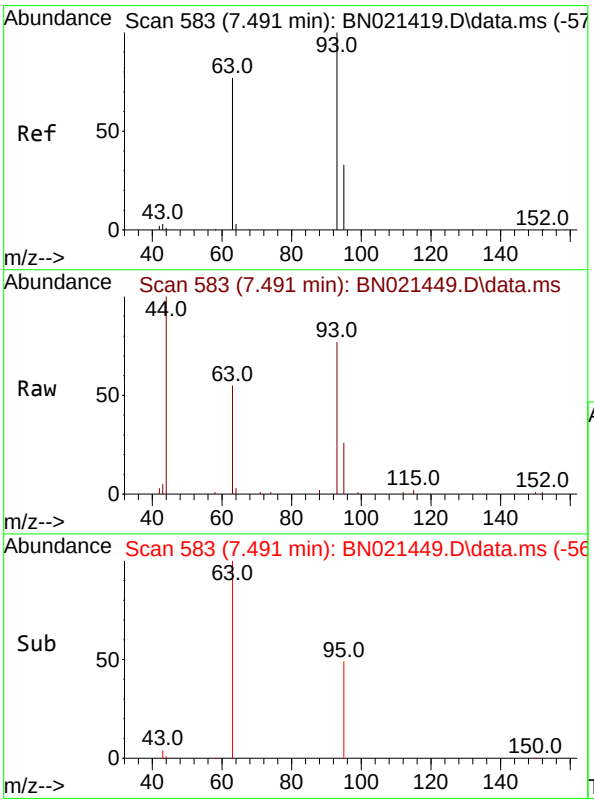
#5
Phenol-d6
Concen: 0.374 ng
RT: 7.224 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5214

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.5	23.3
71	31.4	24.2	36.2

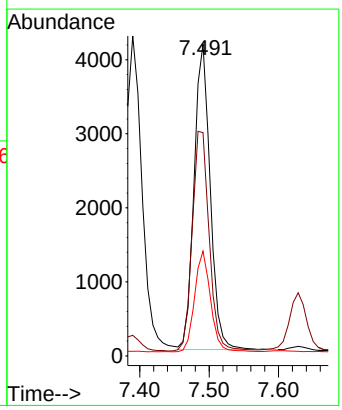


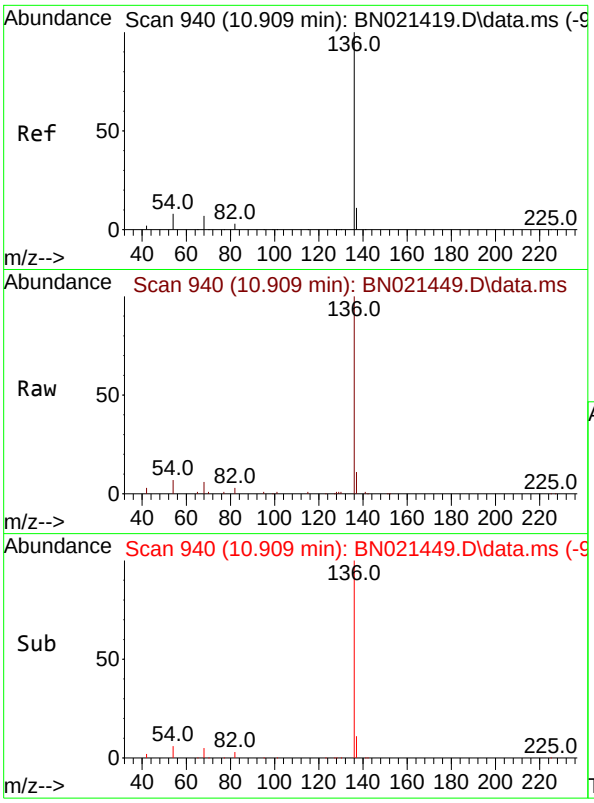


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.491 min Scan# 583
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion: 93 Resp: 6649

Ion	Ratio	Lower	Upper
93	100		
63	75.7	57.8	86.8
95	32.6	25.9	38.9



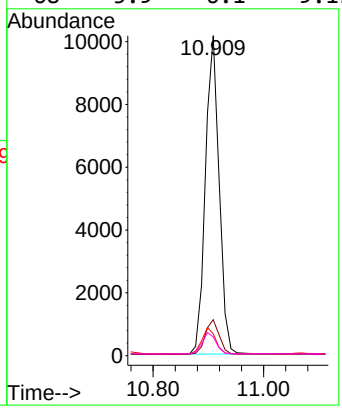


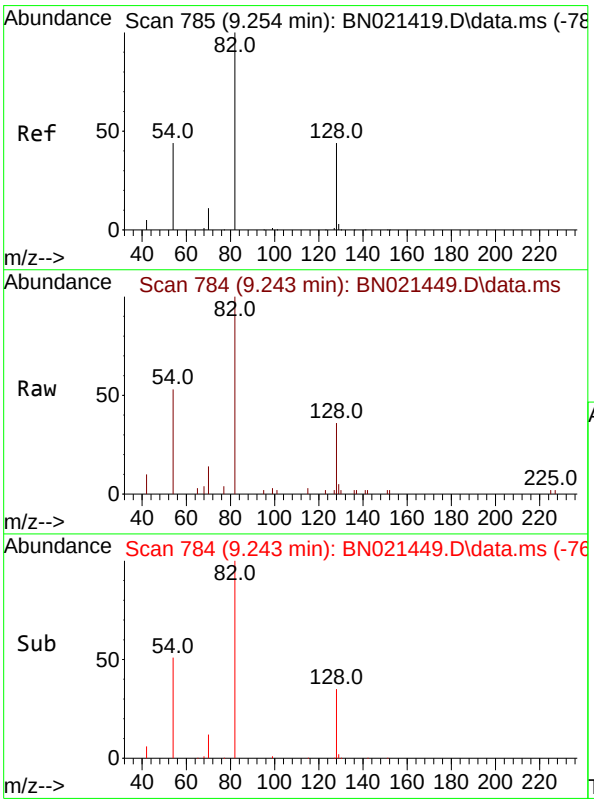
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 17564

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	6.8	6.9	10.3#
68	5.9	6.1	9.1#

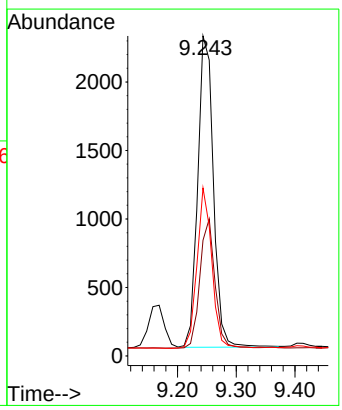


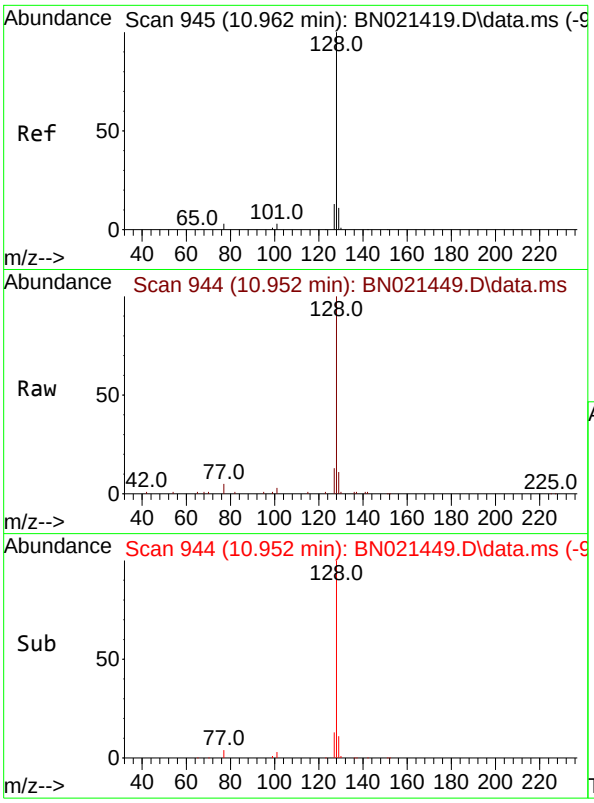


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion: 82 Resp: 4236

Ion	Ratio	Lower	Upper
82	100		
128	36.1	30.9	46.3
54	52.5	42.7	64.1



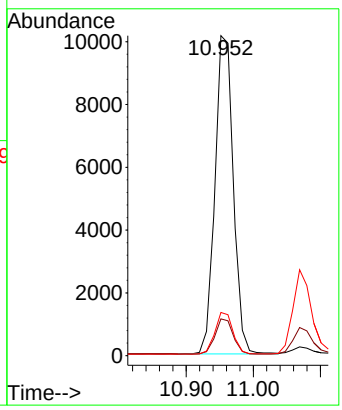


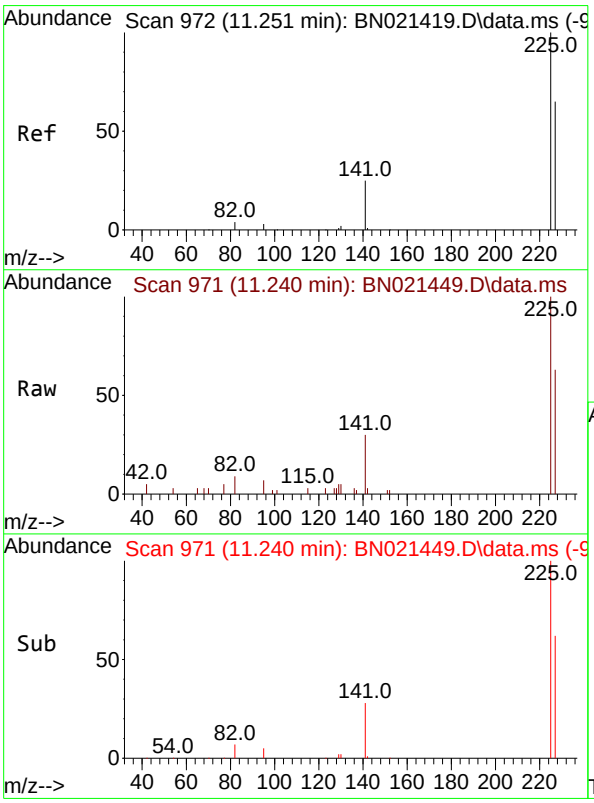
#9
Naphthalene
Concen: 0.371 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19319

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	11.0	16.4

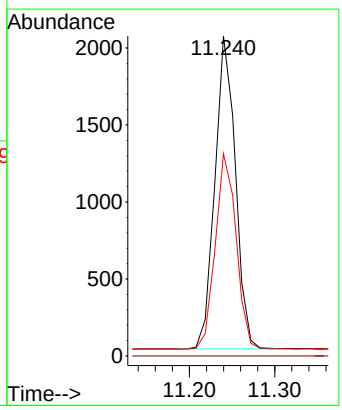


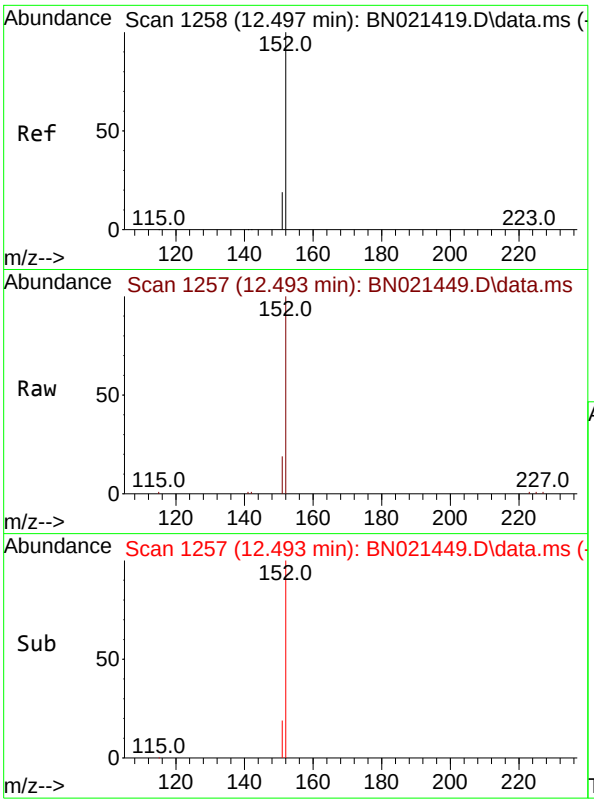


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:225 Resp: 3386

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



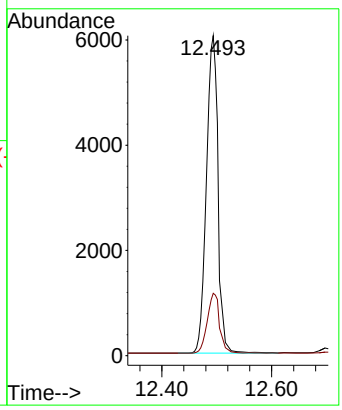


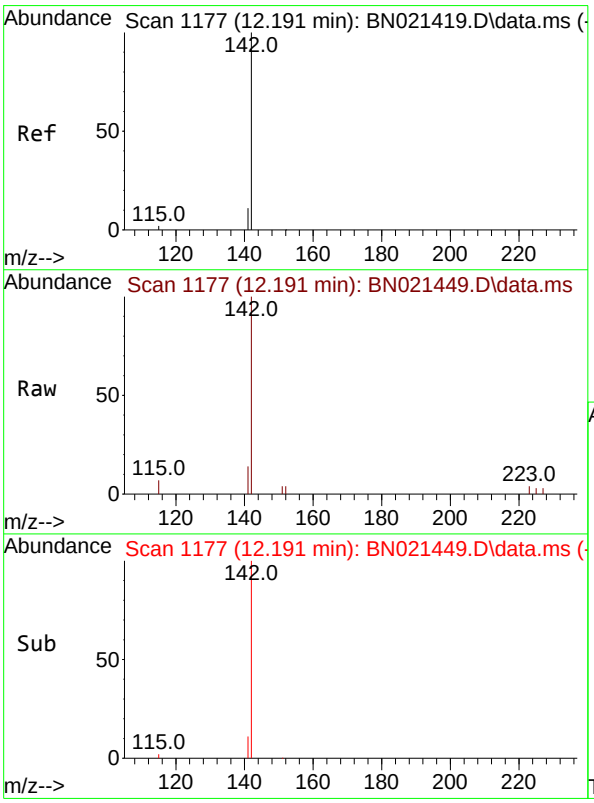
#11
2-Methylnaphthalene-d10
Concen: 0.339 ng
RT: 12.493 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 13427

Ion	Ratio	Lower	Upper
152	100		
151	19.3	14.5	21.7

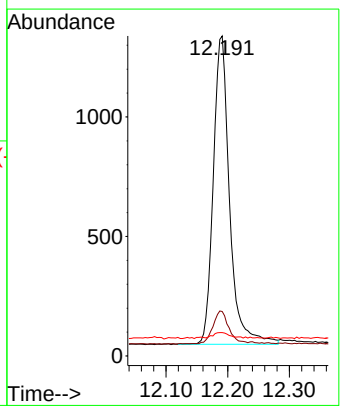


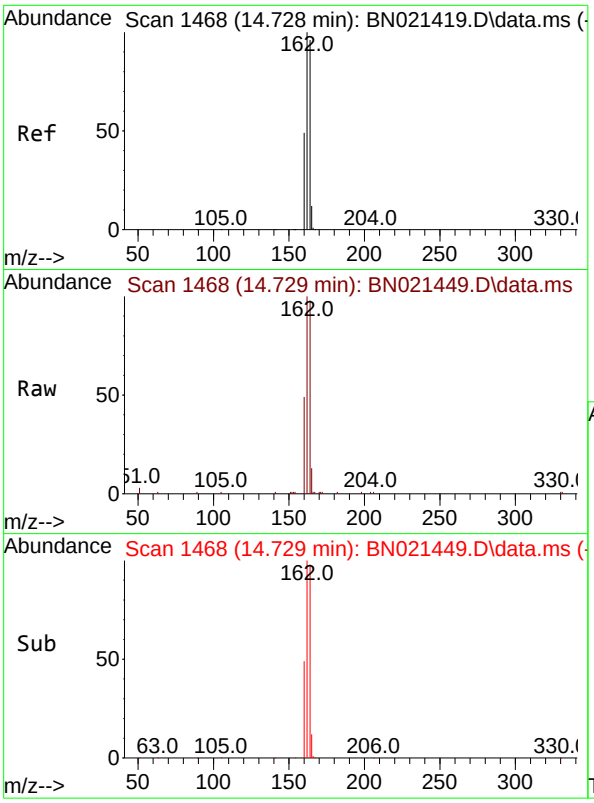


#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.191 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:142 Resp: 2365

Ion	Ratio	Lower	Upper
142	100		
141	13.9	12.2	18.2
115	7.3	7.9	11.9#



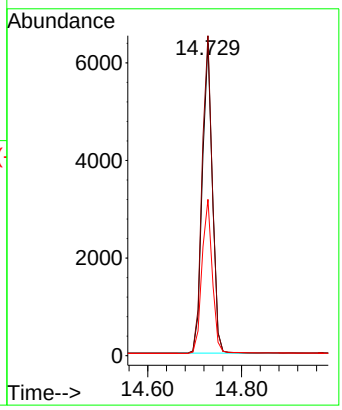


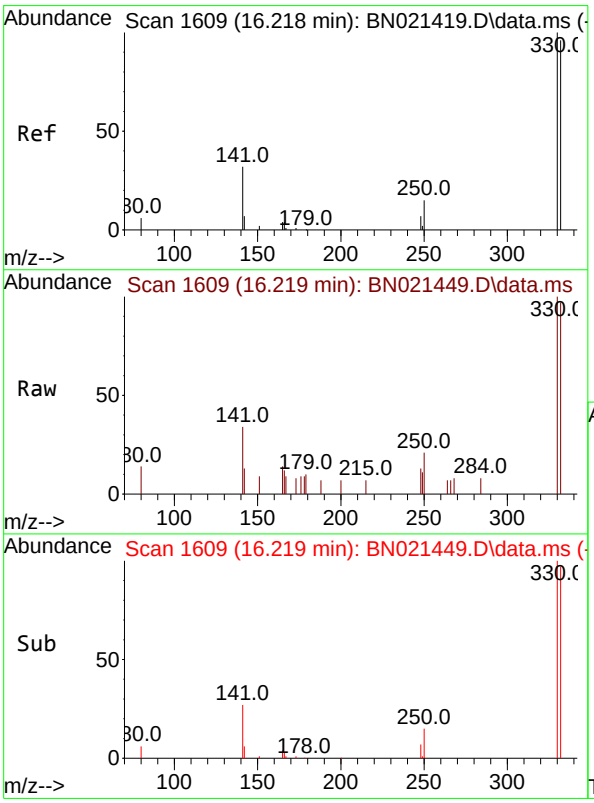
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9502

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.4
160	50.0	39.5	59.3

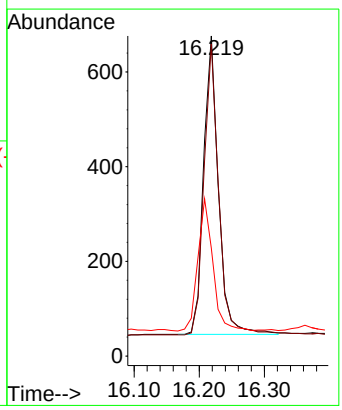


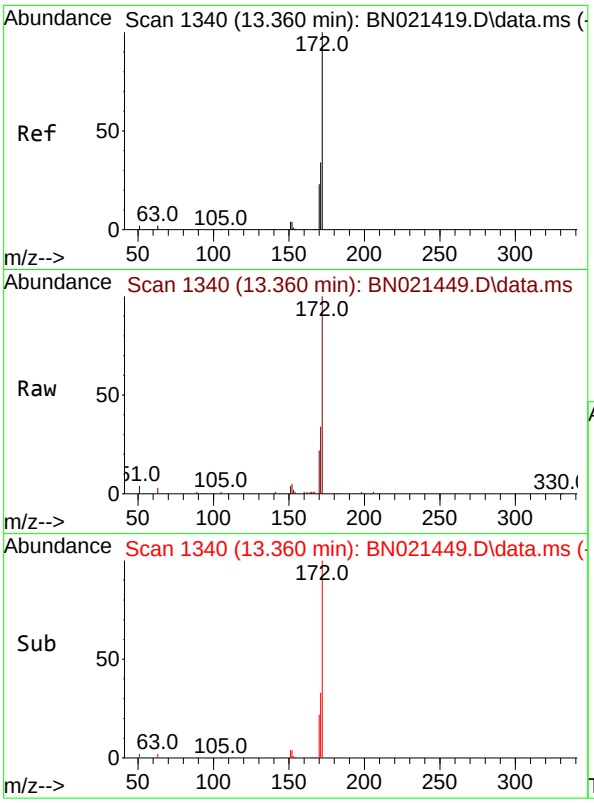


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:330 Resp: 996

Ion	Ratio	Lower	Upper
330	100		
332	96.8	79.3	118.9
141	45.0	37.1	55.7



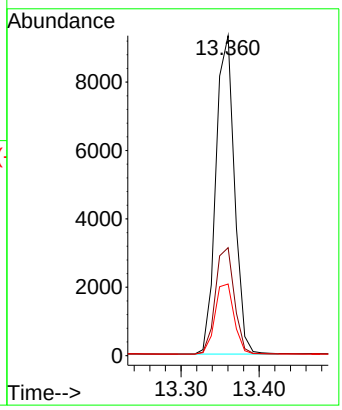


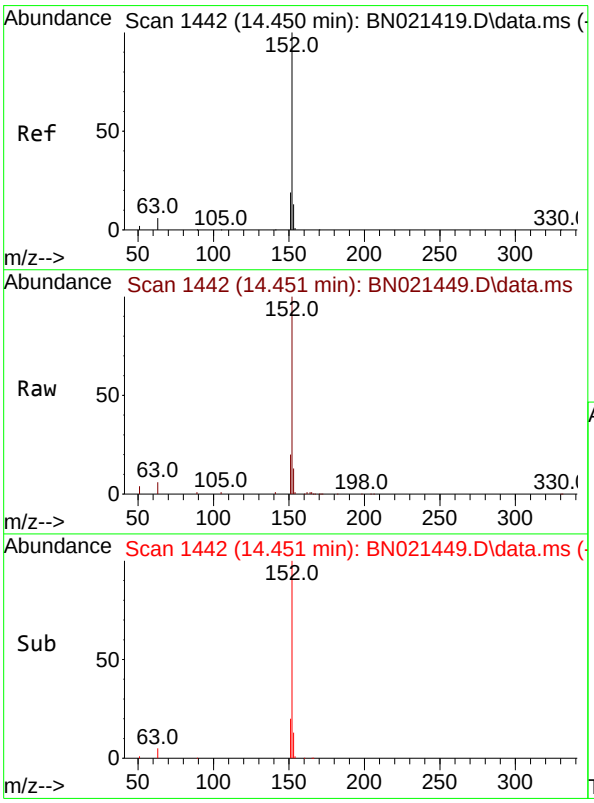
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 13.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15374

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	22.4	18.6	28.0

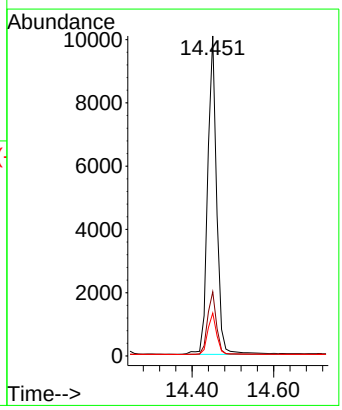


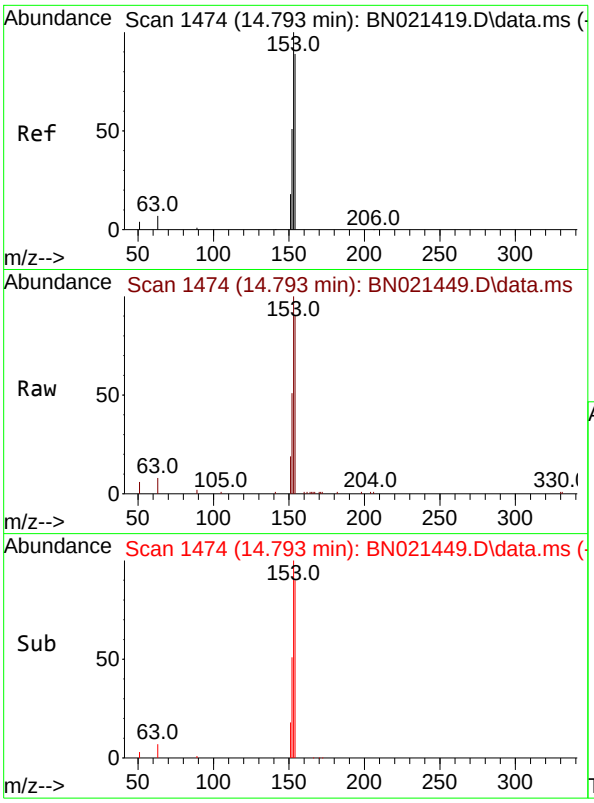


#16
Acenaphthylene
Concen: 0.346 ng
RT: 14.451 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:152 Resp: 15429

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.2
153	13.0	10.3	15.5



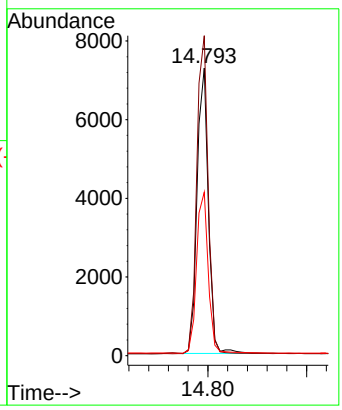


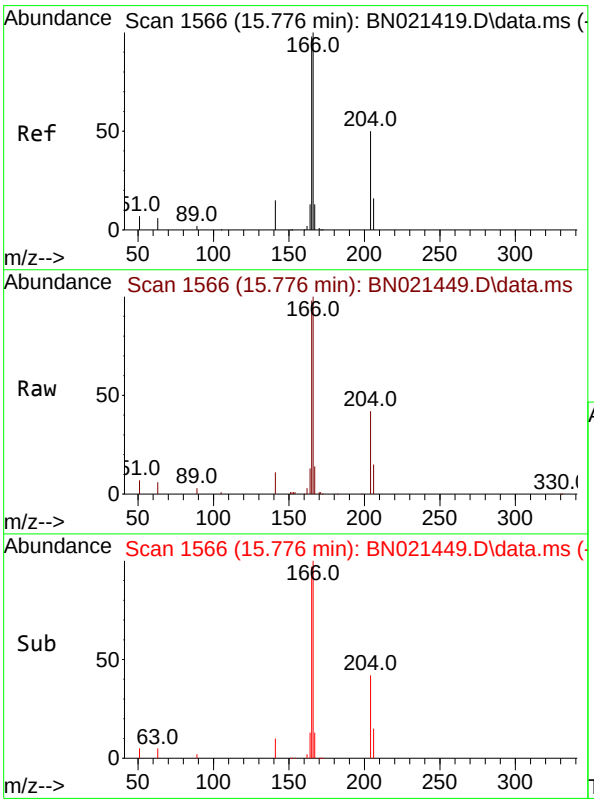
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.793 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11475

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.5	134.3
152	58.2	45.5	68.3

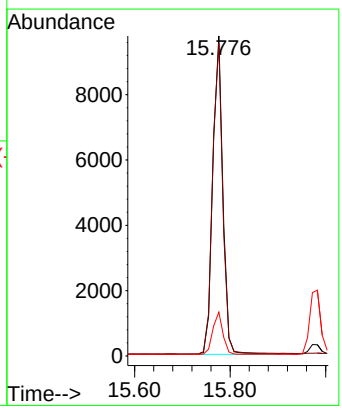


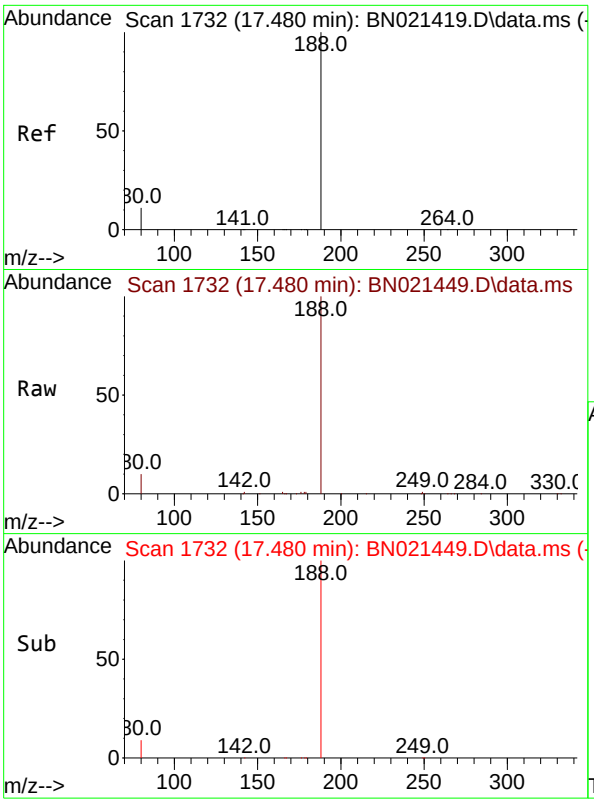


#18
Fluorene
Concen: 0.364 ng
RT: 15.776 min Scan# 1566
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:166 Resp: 14082

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.7	118.1
167	13.3	10.6	16.0



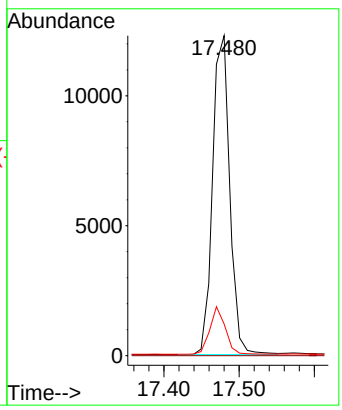


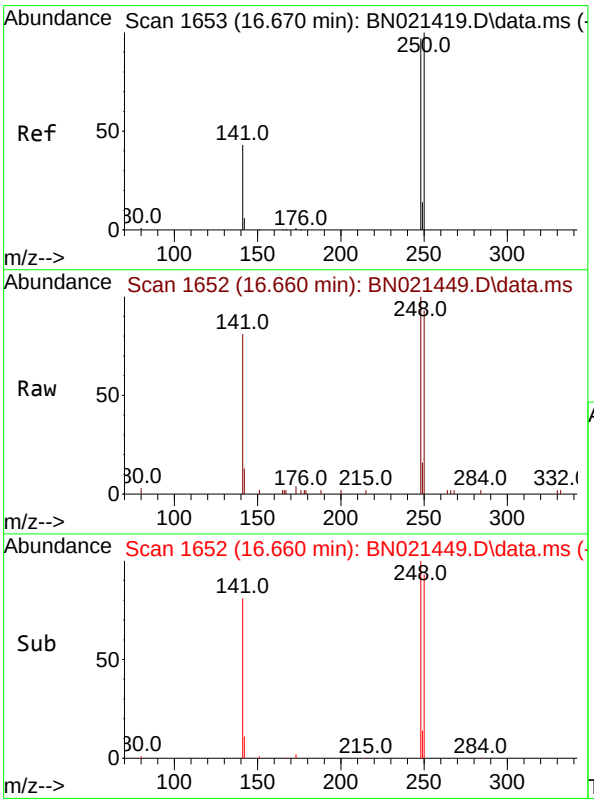
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 19448

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

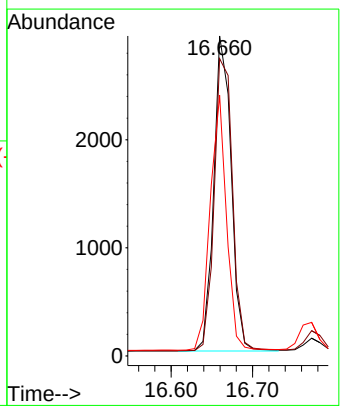


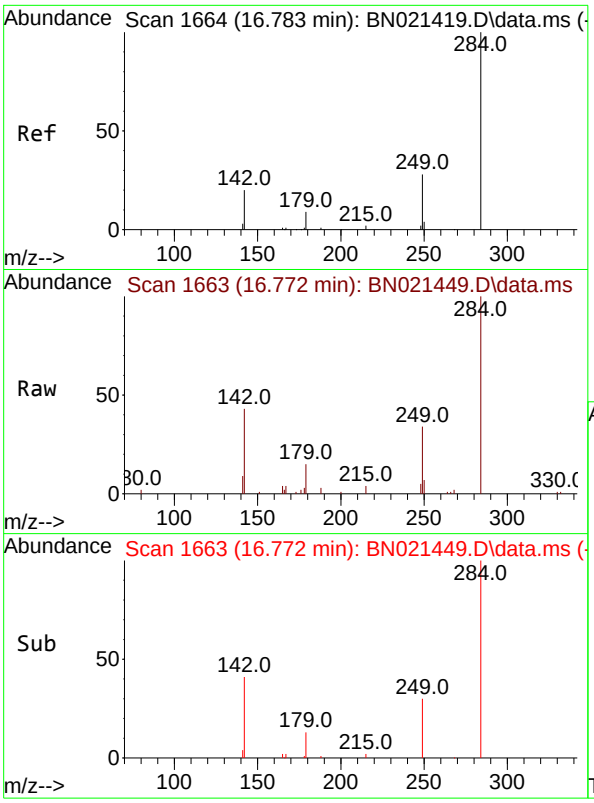


#21
4-Bromophenyl-phenylether
Concen: 0.355 ng
RT: 16.660 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:248 Resp: 4321

Ion	Ratio	Lower	Upper
248	100		
250	92.9	81.8	122.6
141	81.5	38.5	57.7#



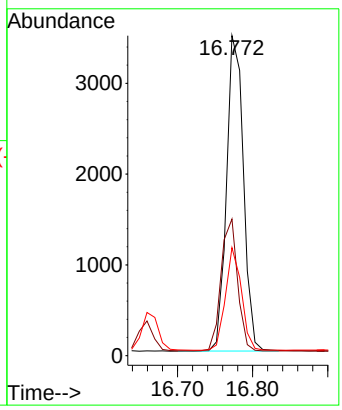


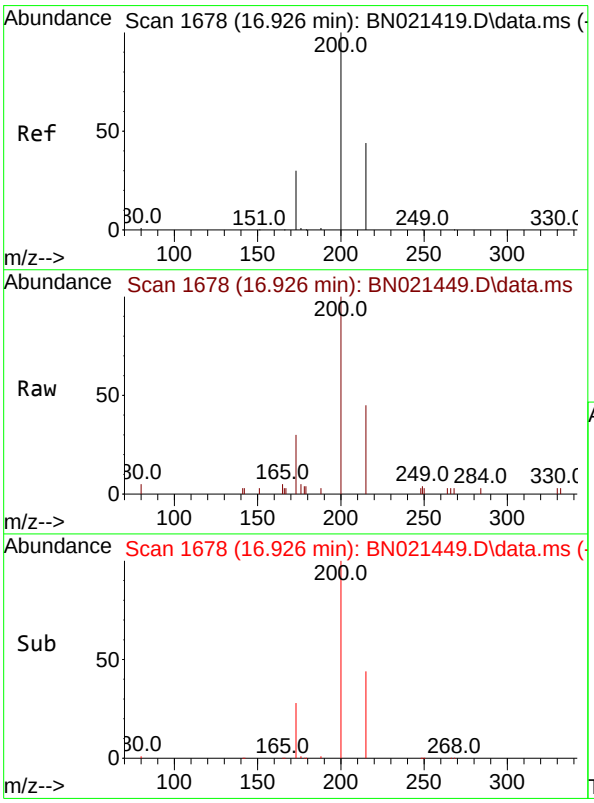
#22
Hexachlorobenzene
Concen: 0.364 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5414

Ion	Ratio	Lower	Upper
284	100		
142	41.0	32.3	48.5
249	30.8	25.4	38.2

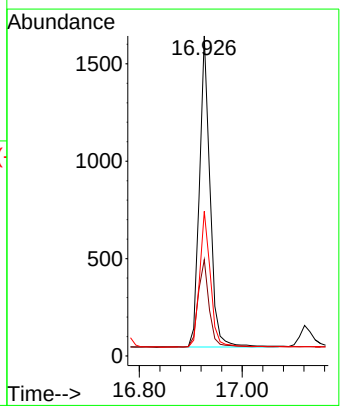


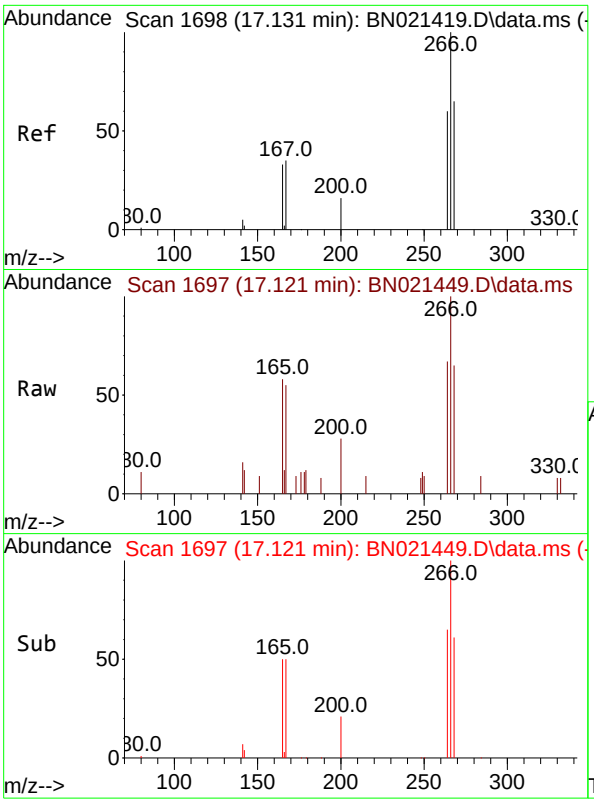


#23
Atrazine
Concen: 0.322 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:200 Resp: 2285

Ion	Ratio	Lower	Upper
200	100		
173	30.1	24.3	36.5
215	45.2	38.4	57.6



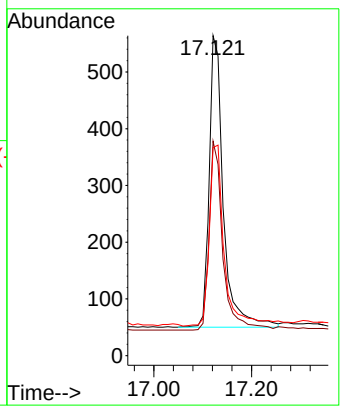


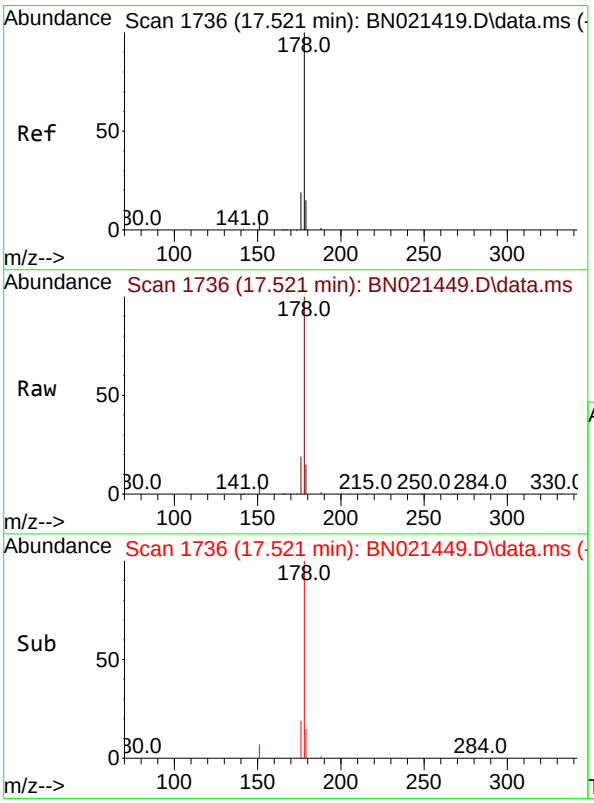
#24
Pentachlorophenol
Concen: 0.434 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1034

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.0	73.6
268	67.1	50.9	76.3

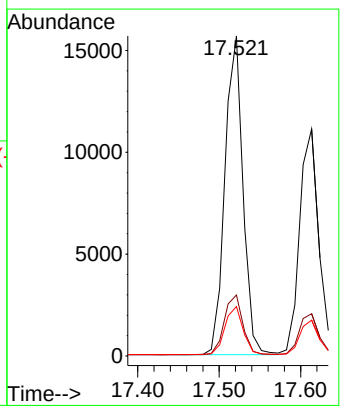


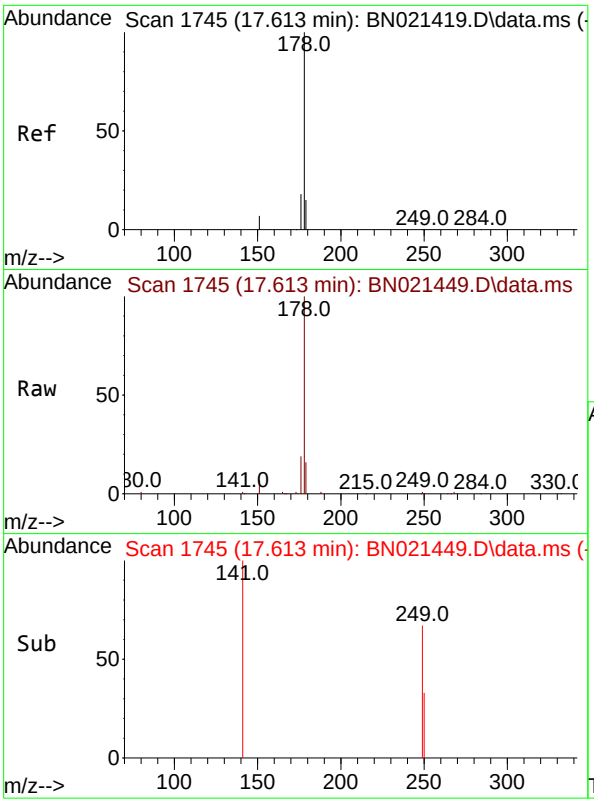


#25
Phenanthrene
Concen: 0.359 ng
RT: 17.521 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:178 Resp: 24110

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4



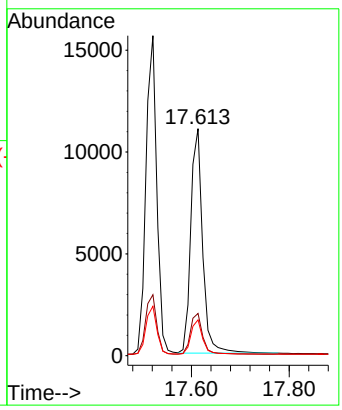


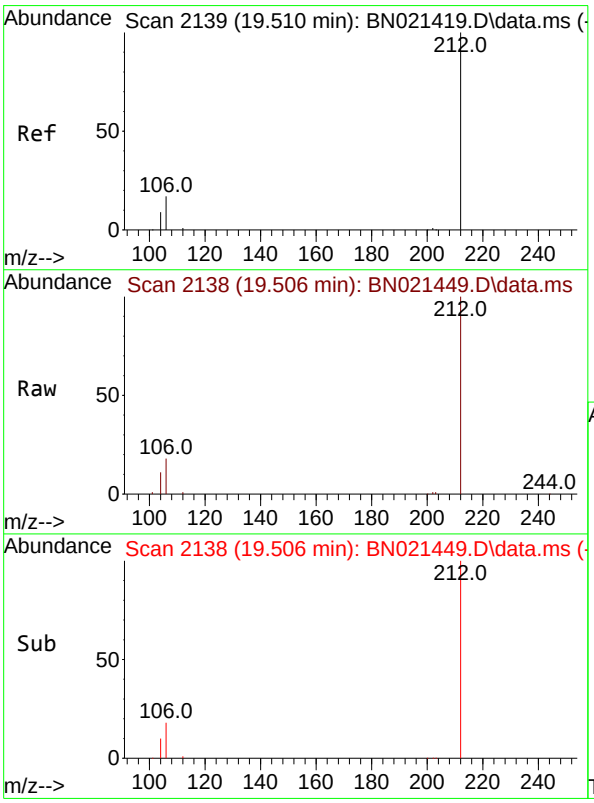
#26
Anthracene
Concen: 0.348 ng
RT: 17.613 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 18547

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.0	12.2	18.2

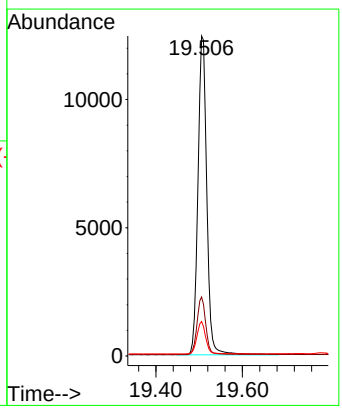


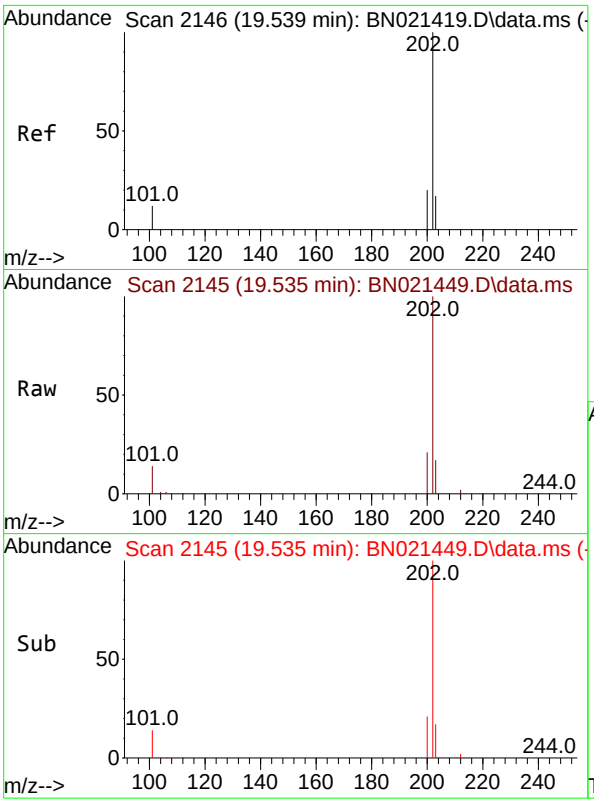


#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.506 min Scan# 2138
Delta R.T. -0.004 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:212 Resp: 17596

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.2	21.2
104	10.0	7.8	11.6



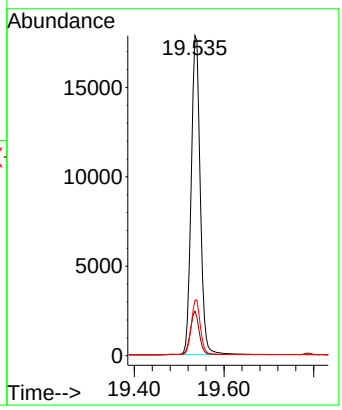


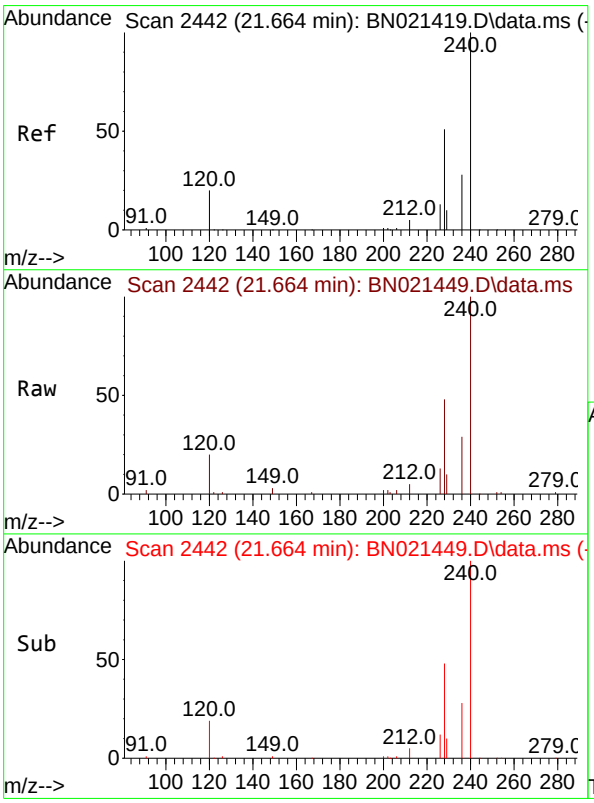
#28
Fluoranthene
Concen: 0.357 ng
RT: 19.535 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 24887

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.1	13.8	20.6

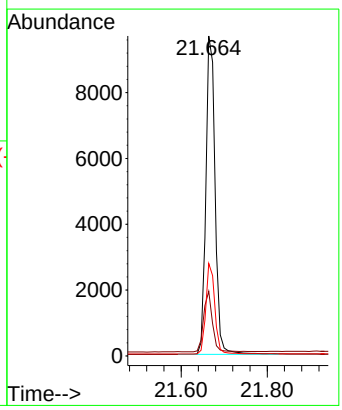


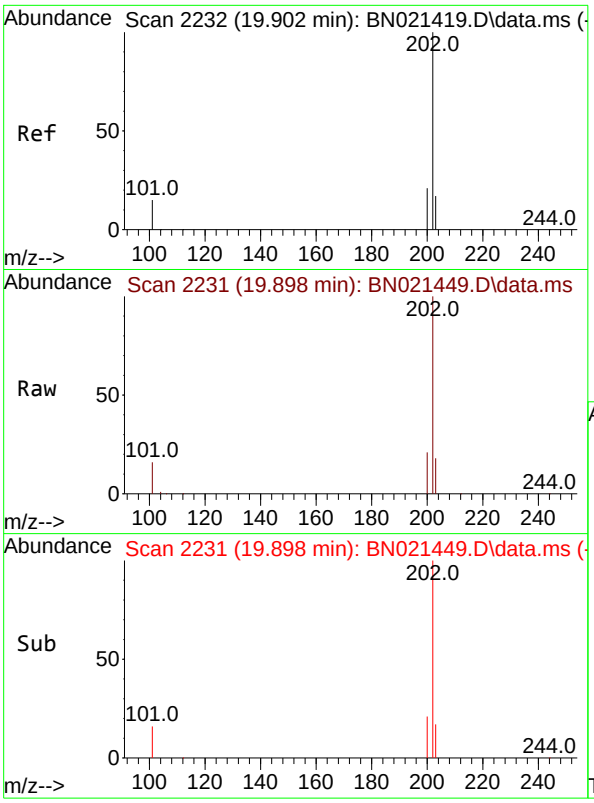


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:240 Resp: 14487

Ion	Ratio	Lower	Upper
240	100		
120	20.2	10.2	15.4#
236	28.9	22.1	33.1



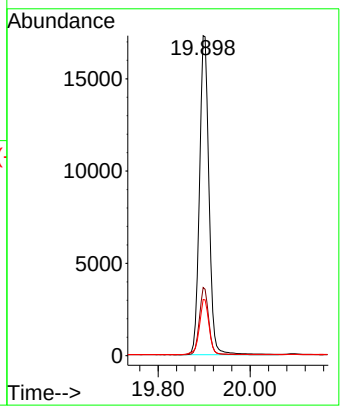


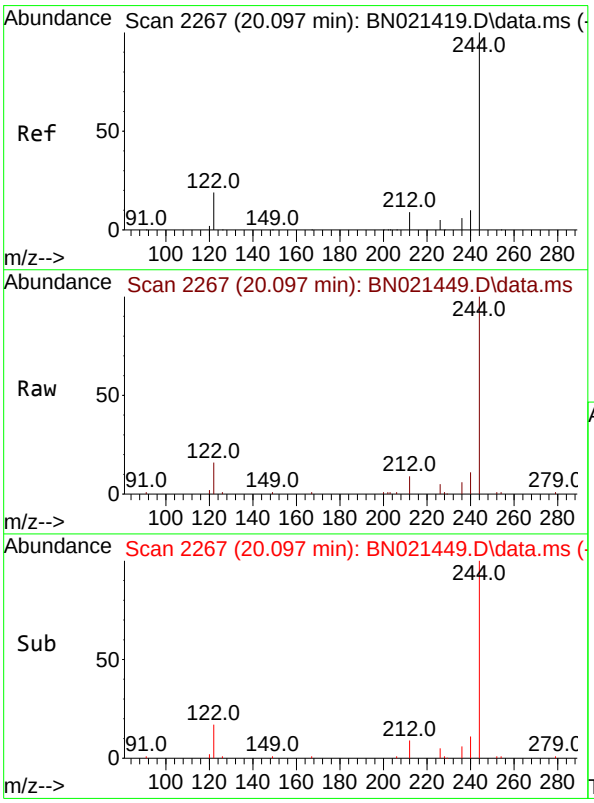
#30
Pyrene
Concen: 0.366 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28250

Ion	Ratio	Lower	Upper
202	100		
200	18.1	13.9	20.9
203	15.3	11.9	17.9

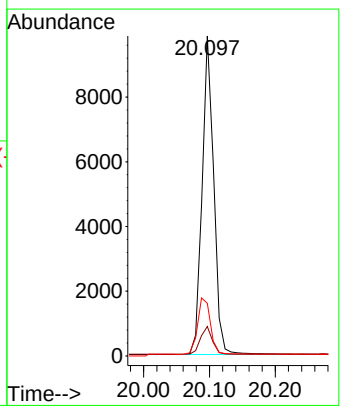


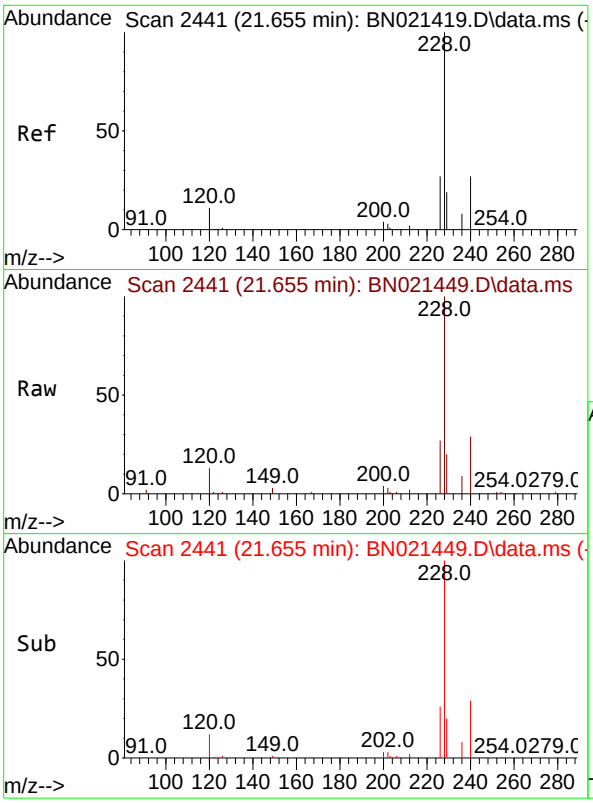


#31
Terphenyl-d14
Concen: 0.373 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:244 Resp: 12142

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.5	9.7
122	16.4	9.1	13.7#



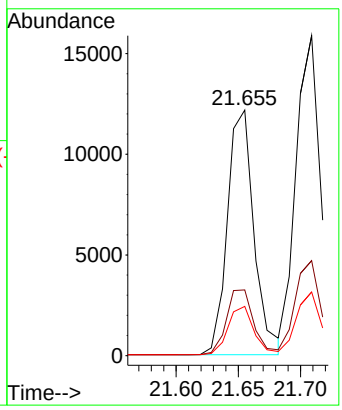


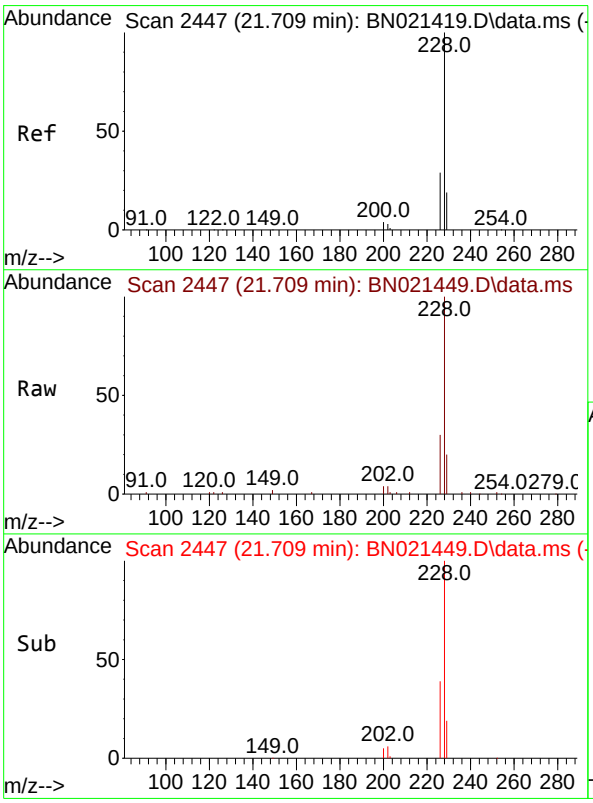
#32
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.655 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 18095

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.0	33.0
229	20.0	15.9	23.9

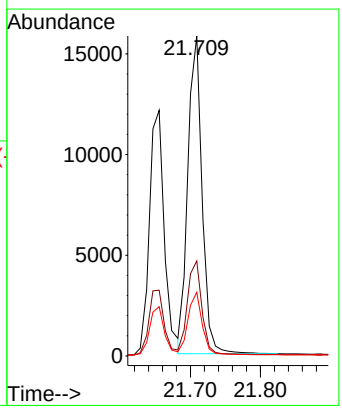


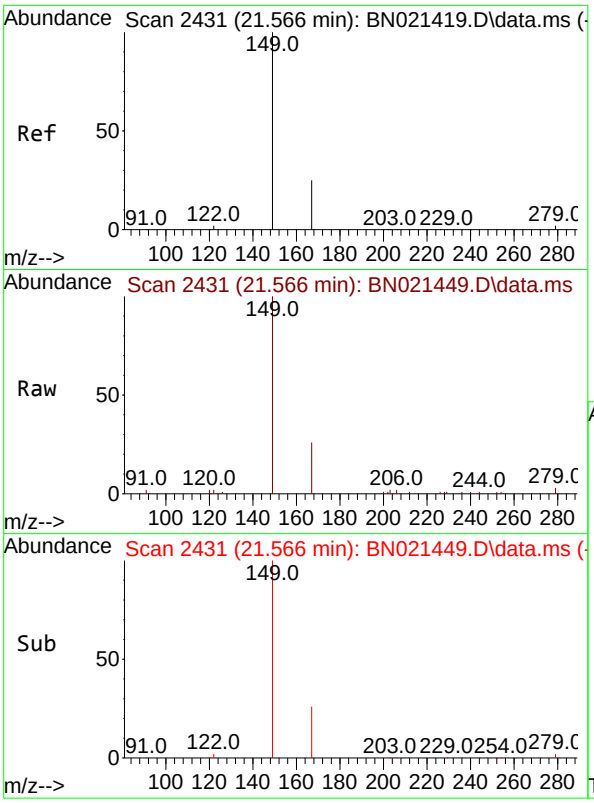


#33
Chrysene
Concen: 0.371 ng
RT: 21.709 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:228 Resp: 22294

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.2
229	19.9	15.9	23.9



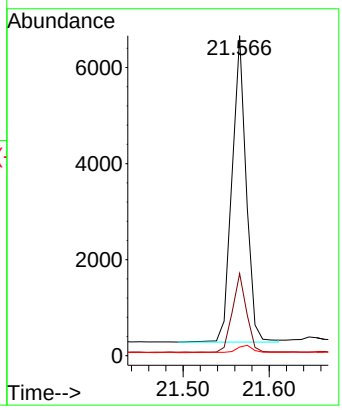


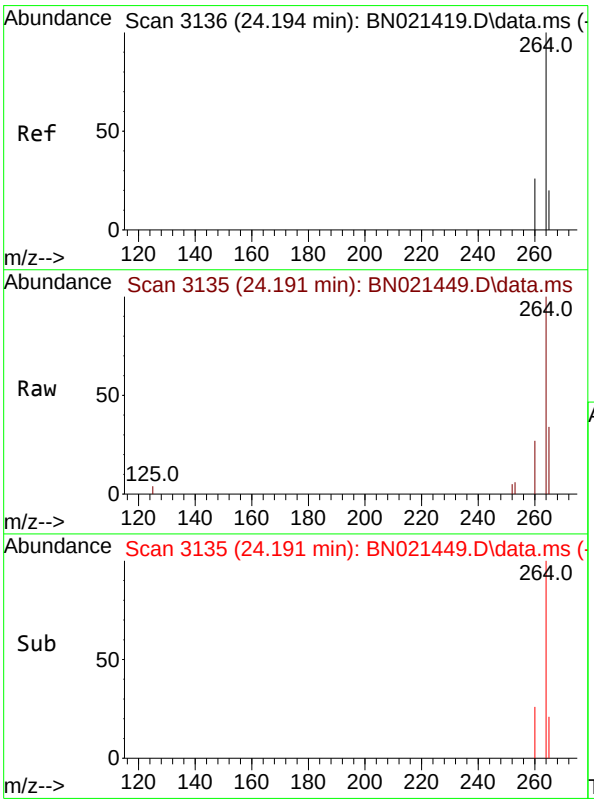
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.359 ng
RT: 21.566 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 7307

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.7	2.2	3.2

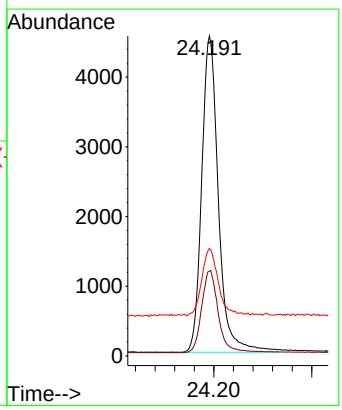


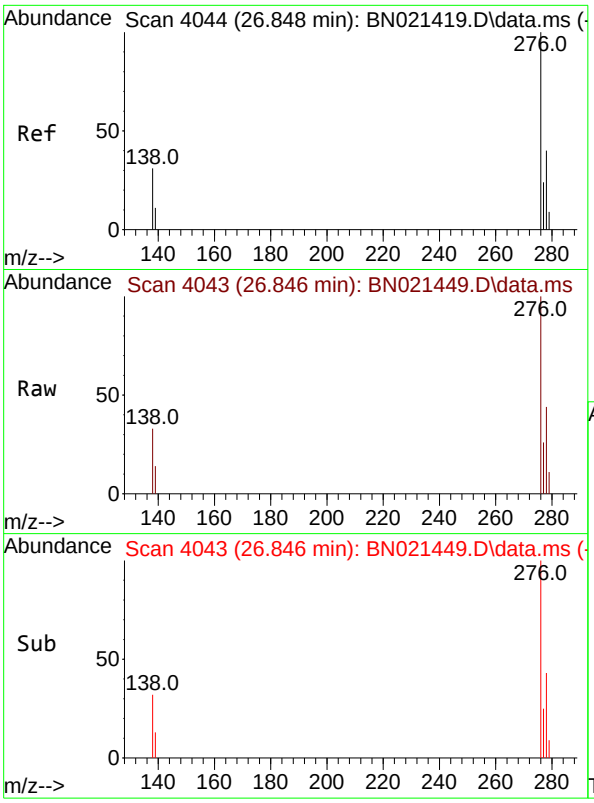


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.191 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:264 Resp: 10739

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.0	31.6
265	33.6	32.2	48.2



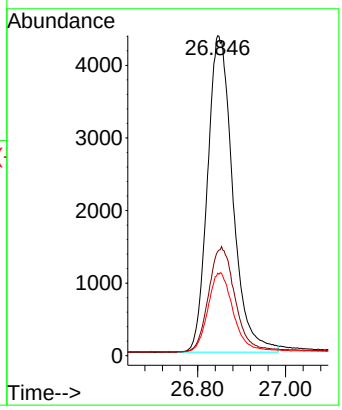


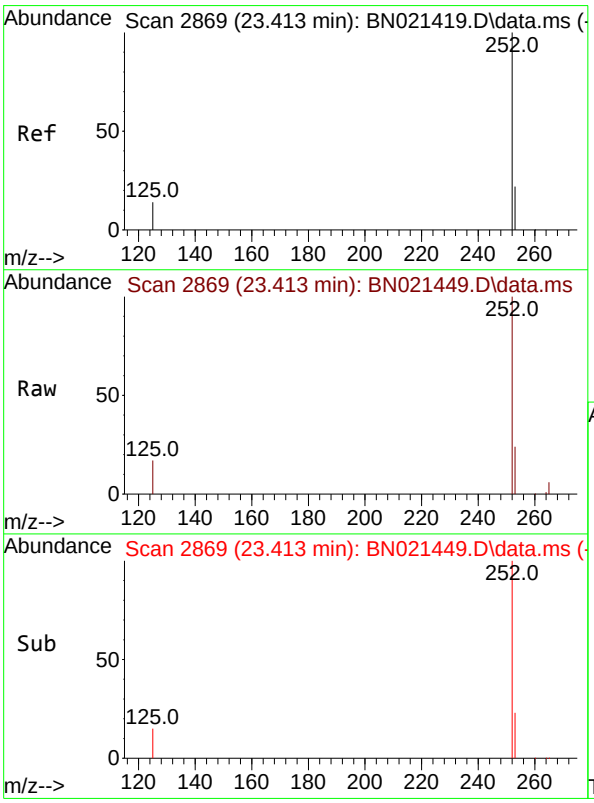
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng
RT: 26.846 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 17391

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.4	41.2
277	25.2	19.9	29.9

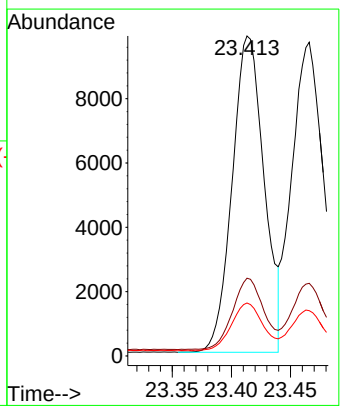


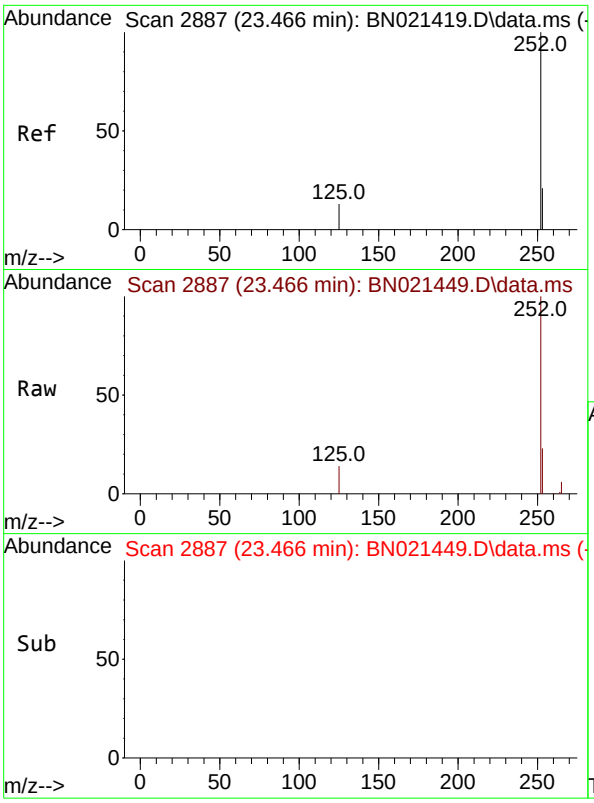


#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 23.413 min Scan# 2869
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:252 Resp: 18461

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.6
125	16.5	13.7	20.5



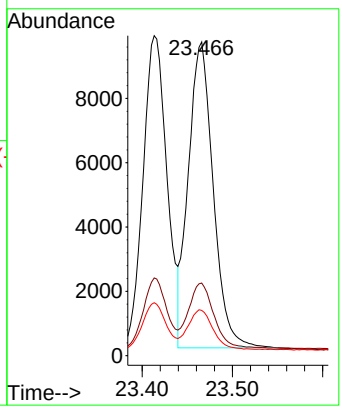


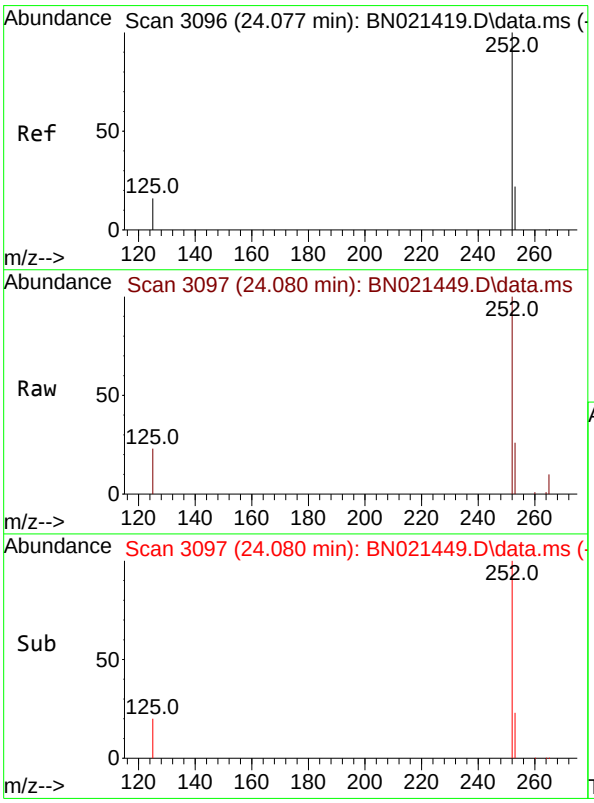
#38
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 23.466 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18209

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.5	29.3
125	14.4	12.3	18.5

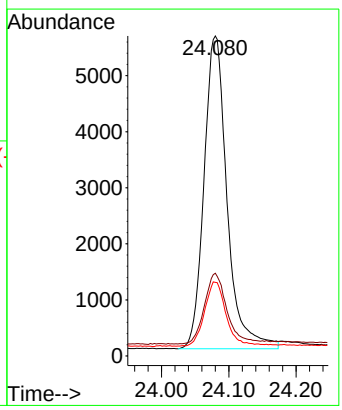


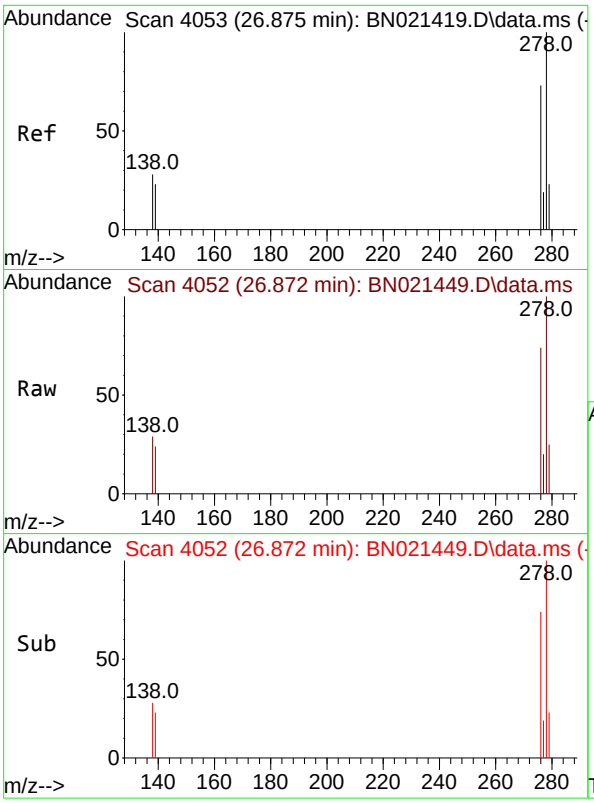


#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 24.080 min Scan# 3097
Delta R.T. 0.003 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:252 Resp: 13324

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.1	31.7
125	23.0	16.6	25.0



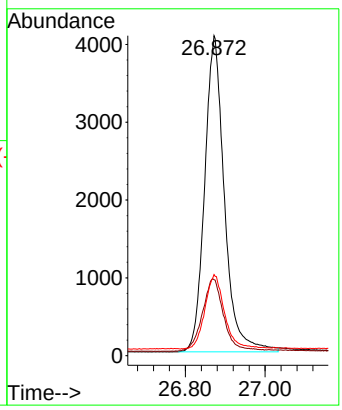


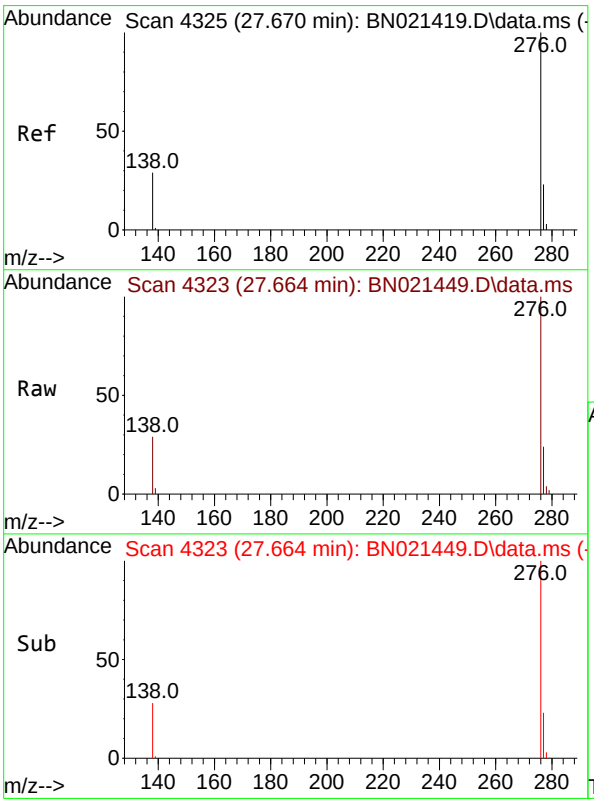
#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 26.872 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 13969

Ion	Ratio	Lower	Upper
278	100		
139	23.8	21.8	32.6
279	25.4	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.333 ng
RT: 27.664 min Scan# 4323
Delta R.T. -0.006 min
Lab File: BN021449.D
Acq: 30 Aug 2022 09:14

Tgt Ion:276 Resp: 14243

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	29.4	23.7	35.5