Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
Data File : BN021980.D
Acq On : 03 Oct 2022 16:14
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Quant Time: Oct 04 01:36:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.985	152	3875	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	11878	0.400	ng		0.00
13) Acenaphthene-d10	14.653	164	6223	0.400	ng		0.00
19) Phenanthrene-d10	17.412	188	12914	0.400	ng		0.00
29) Chrysene-d12	21.609	240	10348	0.400	ng		0.00
35) Perylene-d12	24.084	264	8171	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.515	112	3332	0.371	ng		0.00
5) Phenol-d6	7.148	99	4225	0.363	ng		0.00
8) Nitrobenzene-d5	9.161	82	3410	0.357	ng		0.00
11) 2-Methylnaphthalene-d10	12.410	152	8157	0.374	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	839	0.353	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	10315	0.379	ng		0.00
27) Fluoranthene-d10	19.441	212	12398	0.361	ng		0.00
31) Terphenyl-d14	20.041	244	8025	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	1918	0.382	ng		97
3) n-Nitrosodimethylamine	3.667	42	1966	0.361	ng	#	98
6) bis(2-Chloroethyl)ether	7.408	93	4592	0.373	ng		99
9) Naphthalene	10.869	128	13346	0.372	ng		100
10) Hexachlorobutadiene	11.147	225	2310	0.372	ng	#	100
12) 2-Methylnaphthalene	12.119	142	1870	0.352	ng		99
16) Acenaphthylene	14.375	152	10315	0.348	ng		100
17) Acenaphthene	14.717	154	7770	0.373	ng		100
18) Fluorene	15.701	166	9213	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.786	198	564	0.414	ng		90
21) 4-Bromophenyl-phenylether	16.593	248	2826	0.359	ng		99
22) Hexachlorobenzene	16.705	284	3643	0.372	ng		99
23) Atrazine	16.866	200	2048	0.351	ng		100
24) Pentachlorophenol	17.064	266	991	0.330	ng		99
25) Phenanthrene	17.449	178	16282	0.367	ng		100
26) Anthracene	17.536	178	12324	0.346	ng		99
28) Fluoranthene	19.475	202	17159	0.361	ng		100
30) Pyrene	19.837	202	17201	0.379	ng		100
32) Benzo(a)anthracene	21.591	228	14070	0.362	ng		99
33) Chrysene	21.645	228	16579	0.384	ng		100
34) Bis(2-ethylhexyl)phtha...	21.501	149	6499	0.348	ng		99
36) Indeno(1,2,3-cd)pyrene	26.689	276	14618	0.354	ng		100
37) Benzo(b)fluoranthene	23.321	252	14284	0.369	ng		100
38) Benzo(k)fluoranthene	23.371	252	13893	0.360	ng		99
39) Benzo(a)pyrene	23.976	252	10263	0.347	ng		99
40) Dibenzo(a,h)anthracene	26.710	278	11685	0.355	ng		100
41) Benzo(g,h,i)perylene	27.487	276	12931	0.364	ng		100

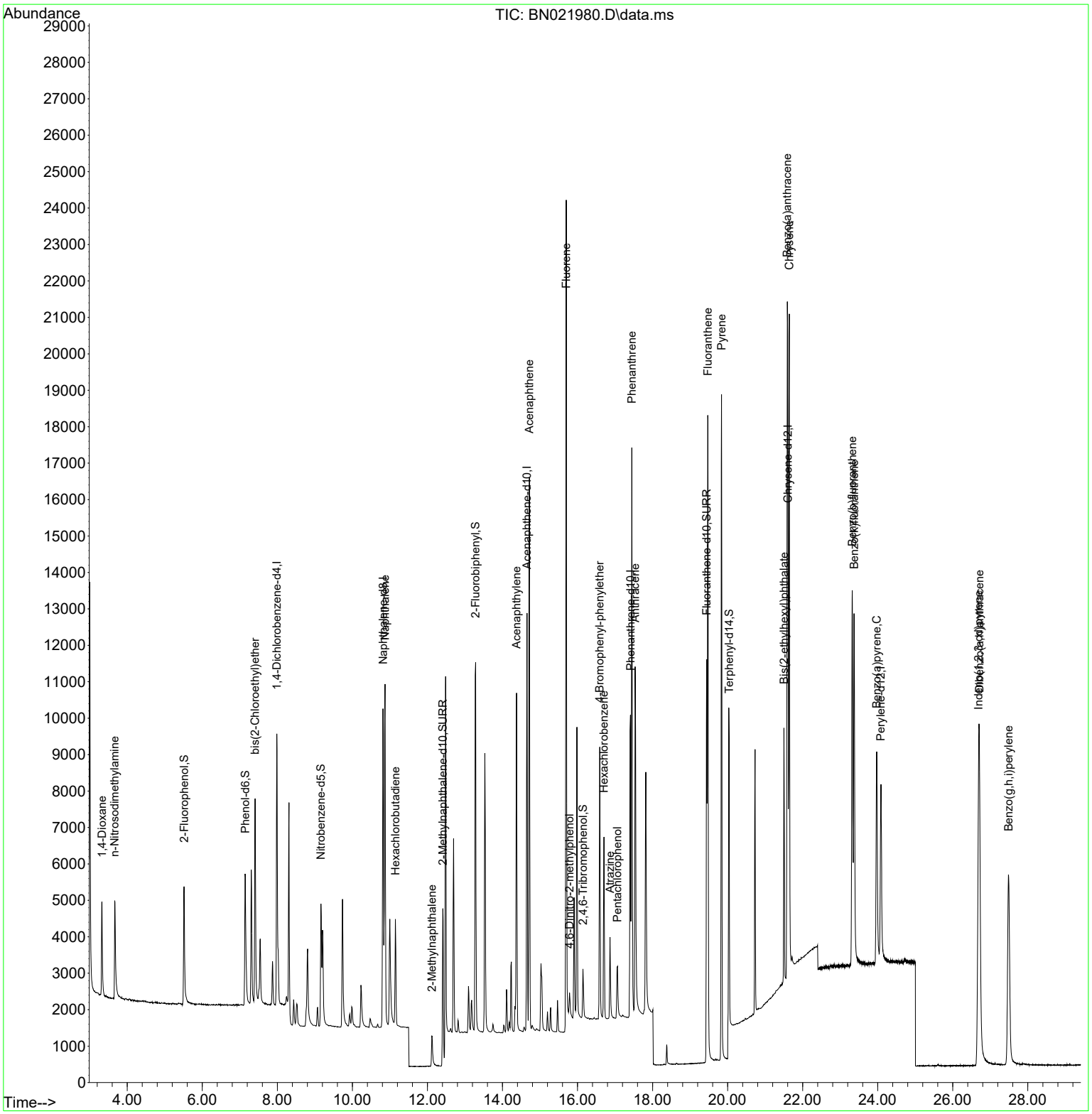
(#) = qualifier out of range (m) = manual integration (+) = signals summed

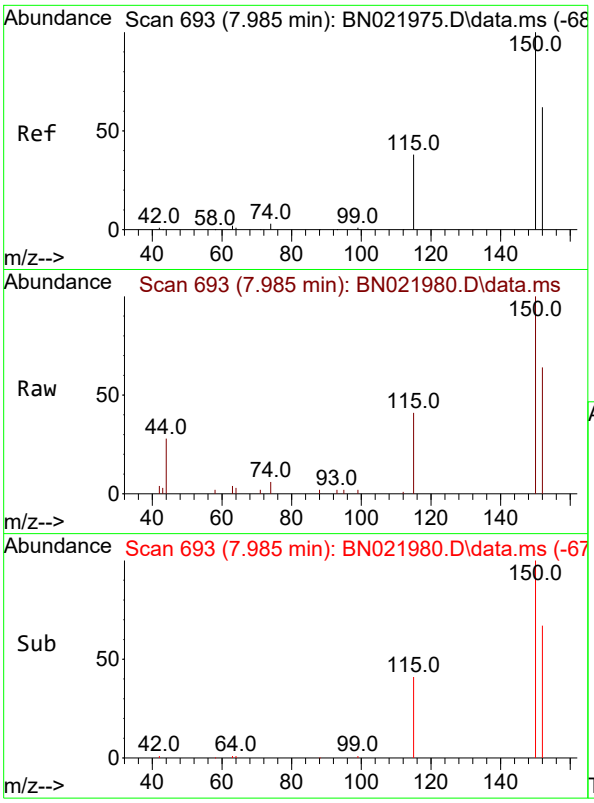
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100322\
Data File : BN021980.D
Acq On : 03 Oct 2022 16:14
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Quant Time: Oct 04 01:36:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration



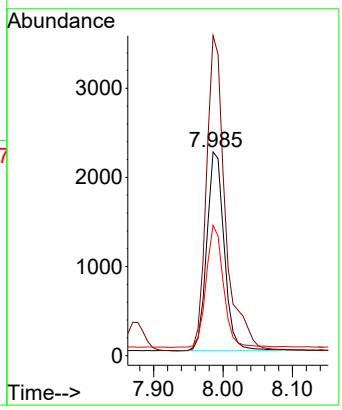


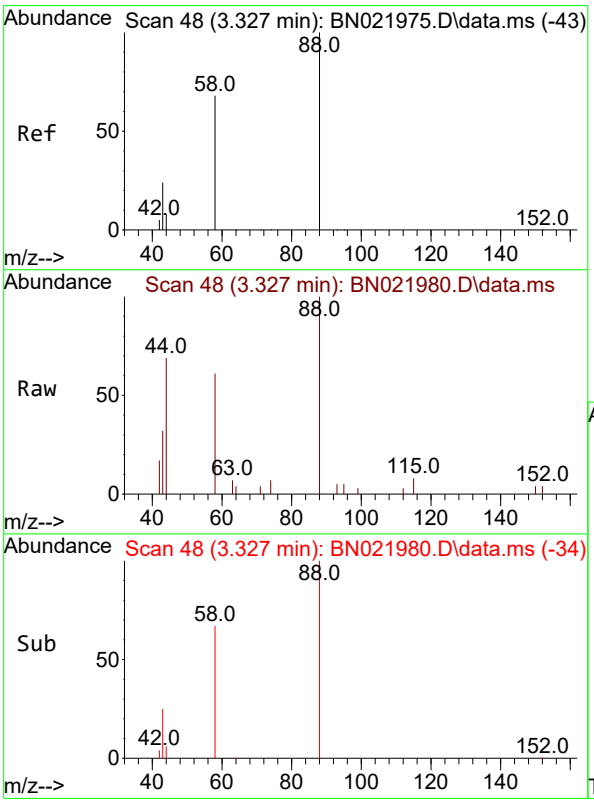
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.985 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:152 Resp: 3875

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	63.9	51.4	77.0

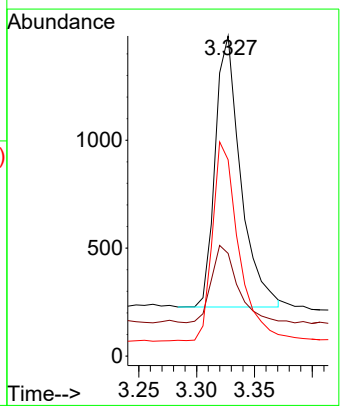


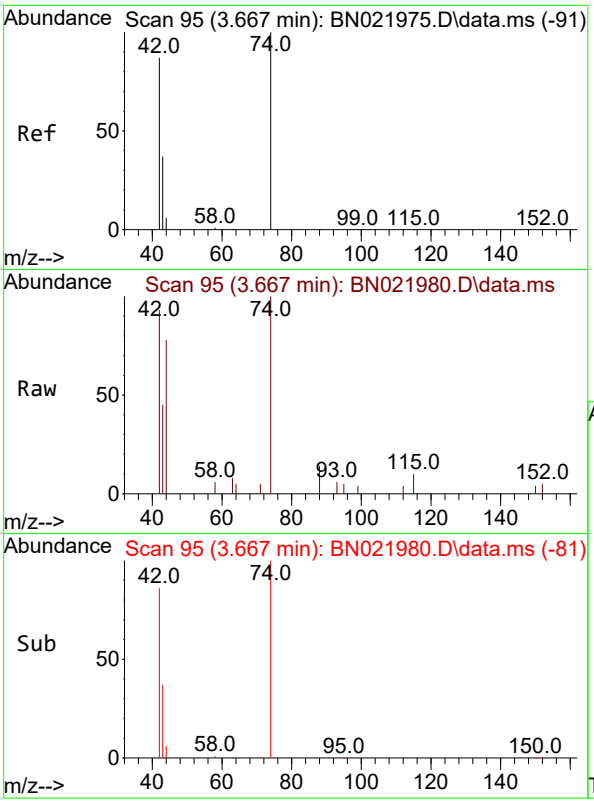


#2
1,4-Dioxane
Concen: 0.382 ng
RT: 3.327 min Scan# 48
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion: 88 Resp: 1918

Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.6	34.0
58	75.7	58.6	88.0



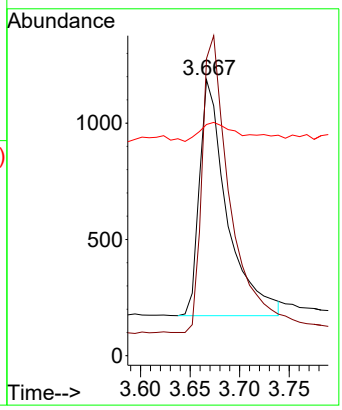


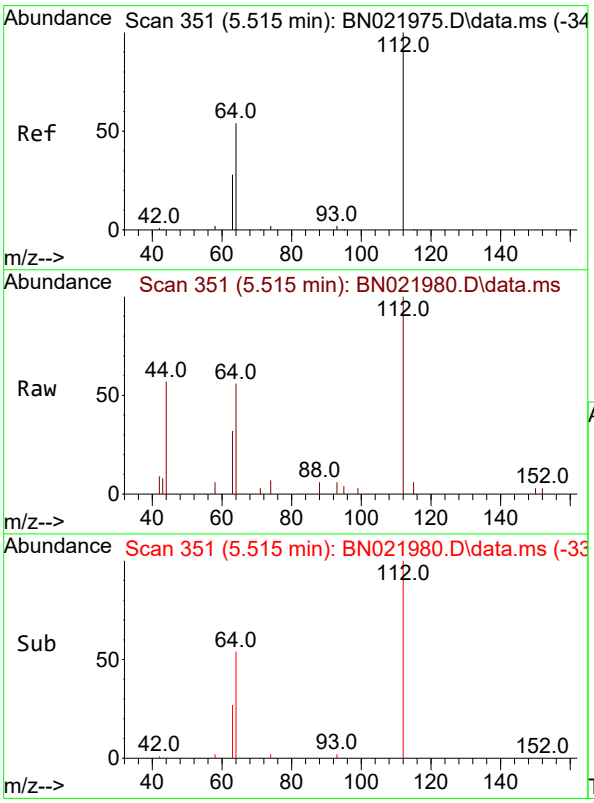
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.667 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion: 42 Resp: 1966

Ion	Ratio	Lower	Upper
42	100		
74	128.3	101.6	152.4
44	10.2	10.4	15.6#

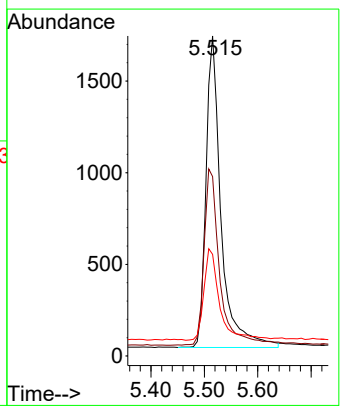


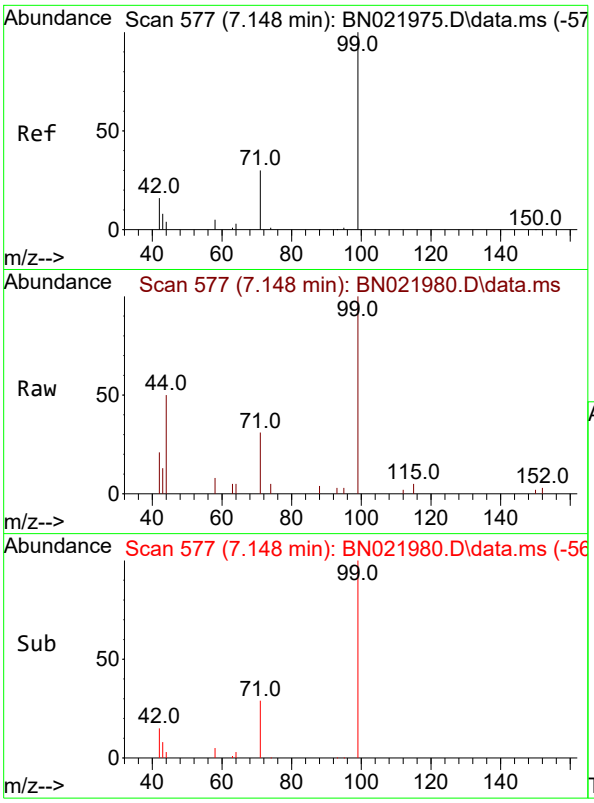


#4
2-Fluorophenol
Concen: 0.371 ng
RT: 5.515 min Scan# 351
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:112 Resp: 3332

Ion	Ratio	Lower	Upper
112	100		
64	58.6	46.9	70.3
63	30.7	24.6	37.0



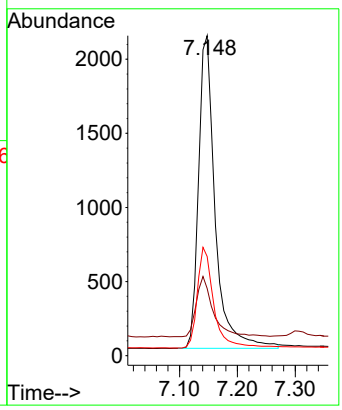


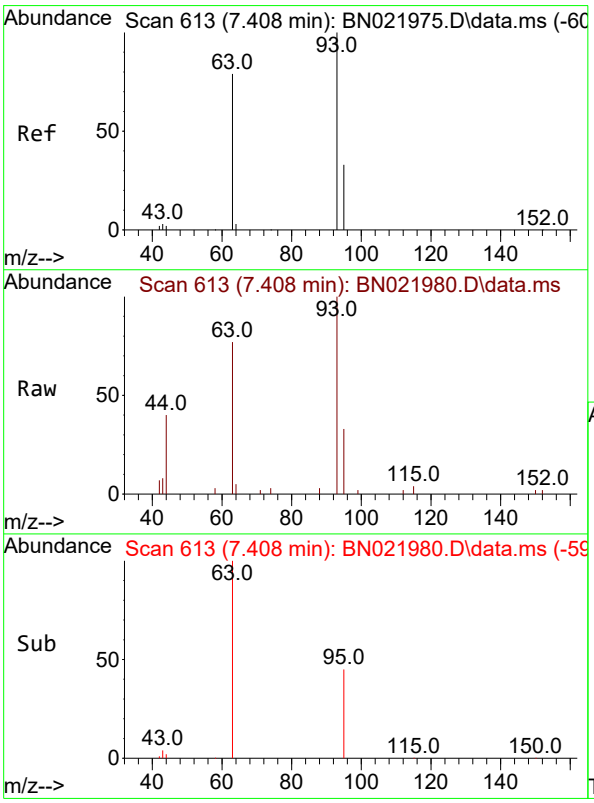
#5
Phenol-d6
Concen: 0.363 ng
RT: 7.148 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion: 99 Resp: 4225

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.9	23.9
71	32.0	25.6	38.4

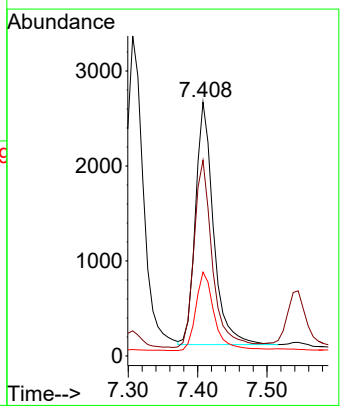


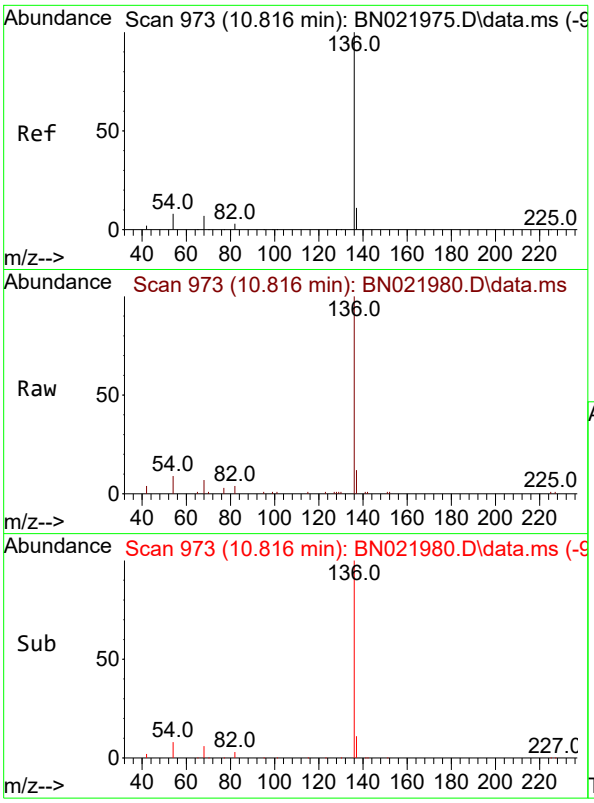


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 7.408 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion: 93 Resp: 4592

Ion	Ratio	Lower	Upper
93	100		
63	79.6	64.8	97.2
95	33.3	26.6	40.0



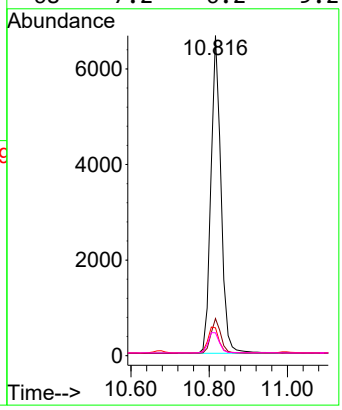


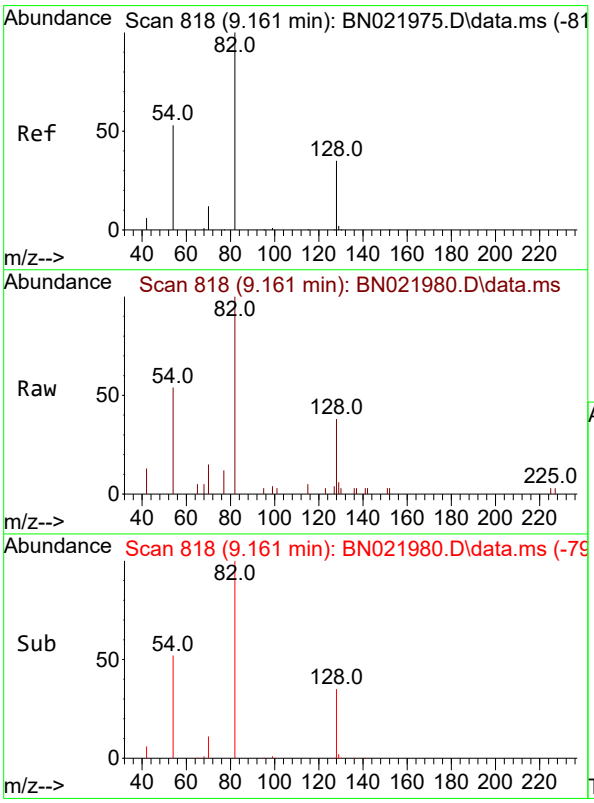
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.816 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:136 Resp: 11878

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	8.7	7.1	10.7
68	7.2	6.2	9.2

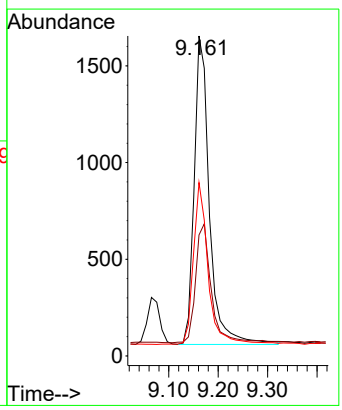


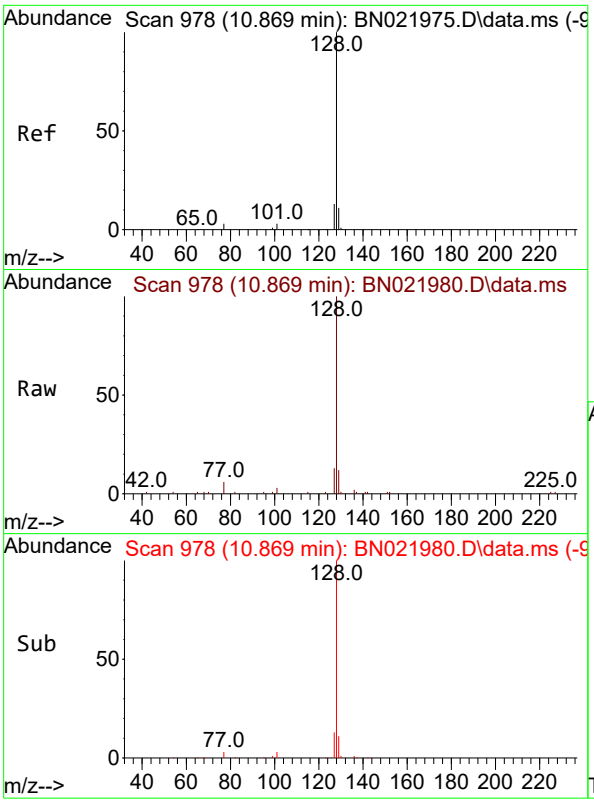


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.161 min Scan# 818
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion: 82 Resp: 3410

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.9	44.9
54	54.2	43.5	65.3



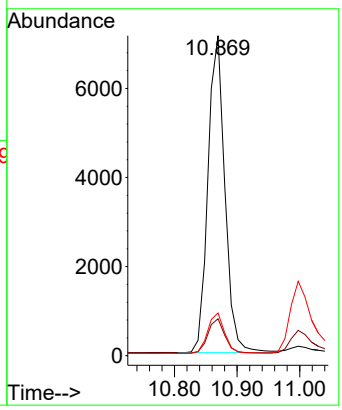


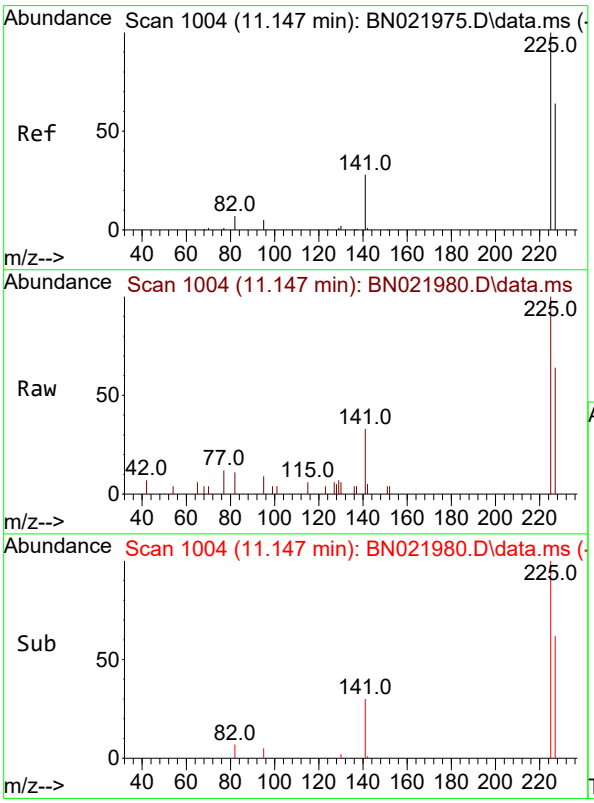
#9
Naphthalene
Concen: 0.372 ng
RT: 10.869 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:128 Resp: 13346

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.3	10.6	16.0

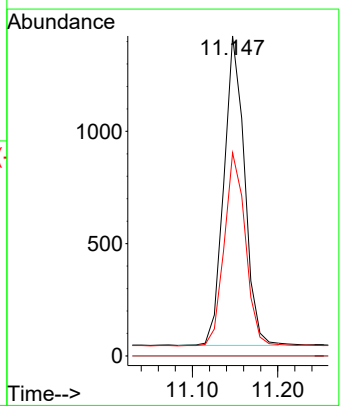


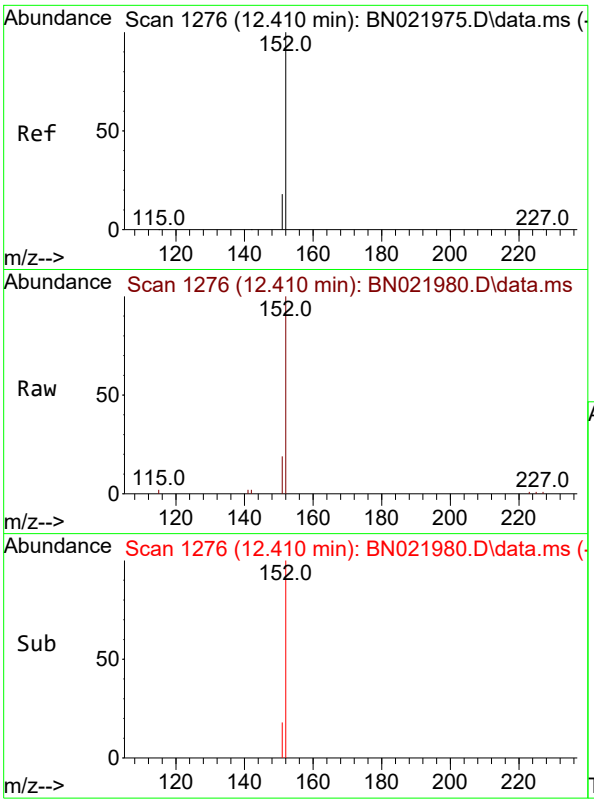


#10
Hexachlorobutadiene
Concen: 0.372 ng
RT: 11.147 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:225 Resp: 2310

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.3	76.9



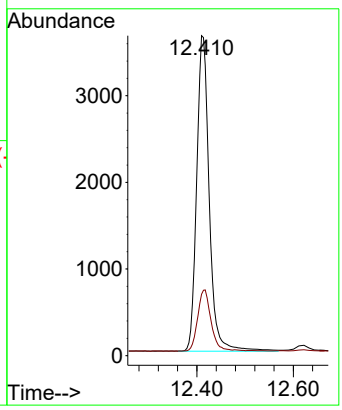


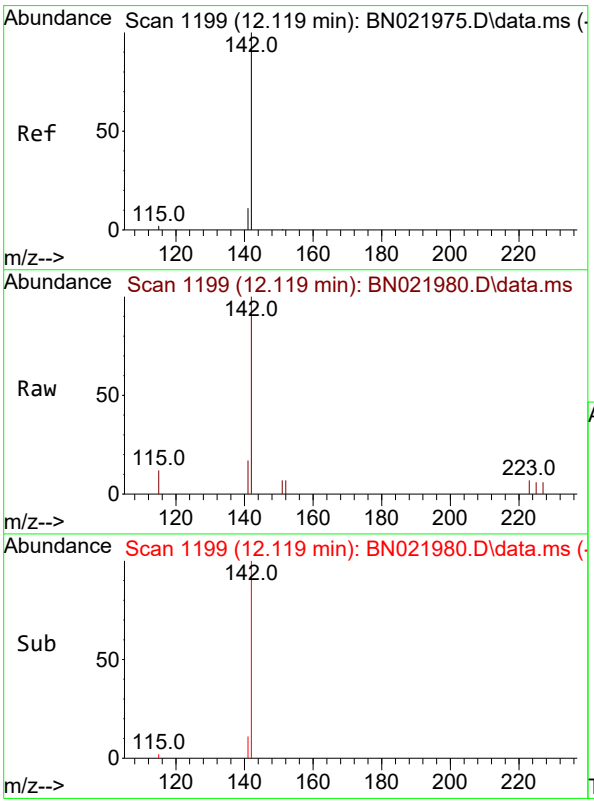
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:152 Resp: 8157

Ion	Ratio	Lower	Upper
152	100		
151	16.5	13.8	20.6

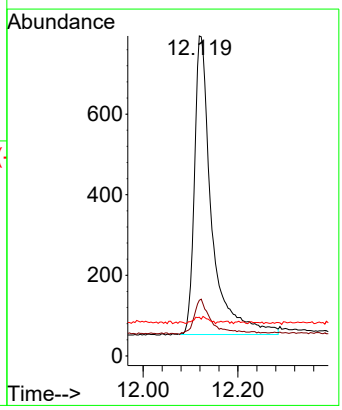


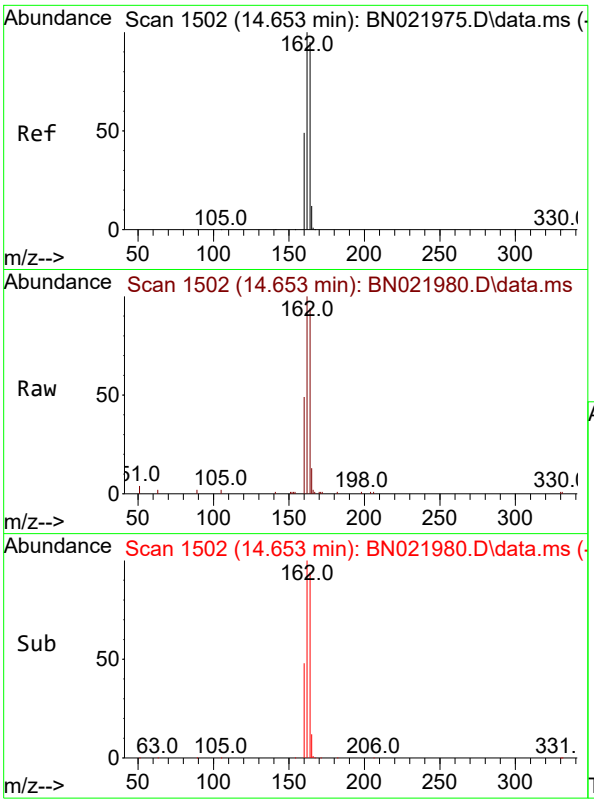


#12
2-Methylnaphthalene
Concen: 0.352 ng
RT: 12.119 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:142 Resp: 1870

Ion	Ratio	Lower	Upper
142	100		
141	17.4	13.6	20.4
115	12.1	9.7	14.5





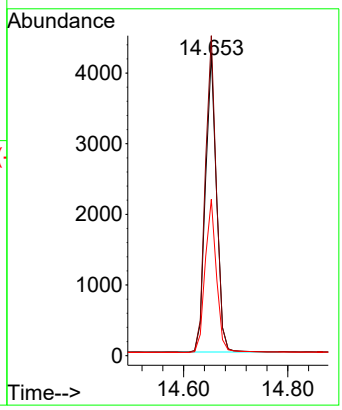
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.653 min Scan# 1

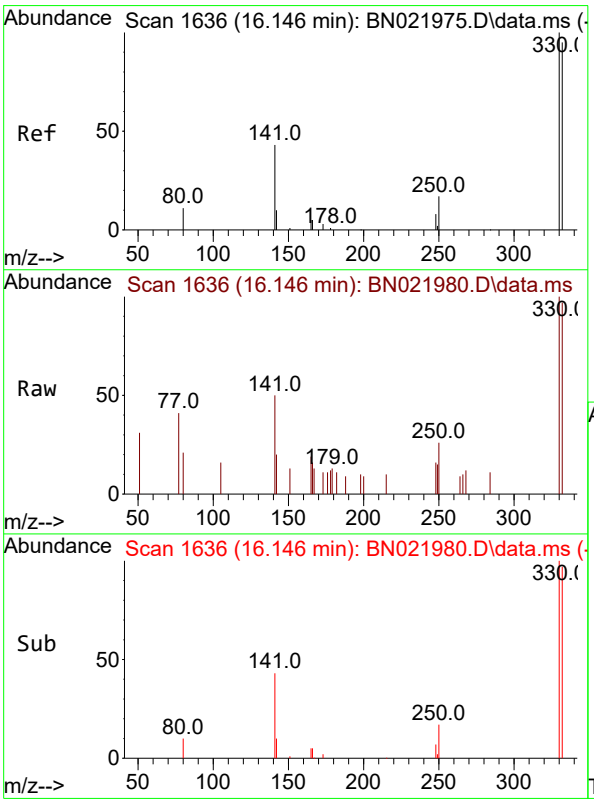
Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:164 Resp: 6223

Ion	Ratio	Lower	Upper
164	100		
162	106.0	84.3	126.5
160	51.8	41.7	62.5

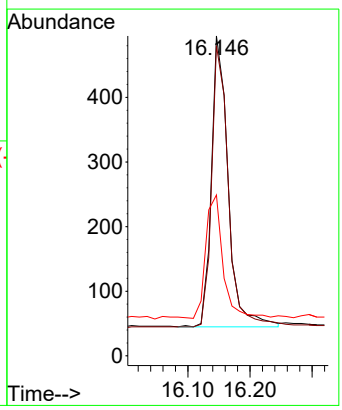


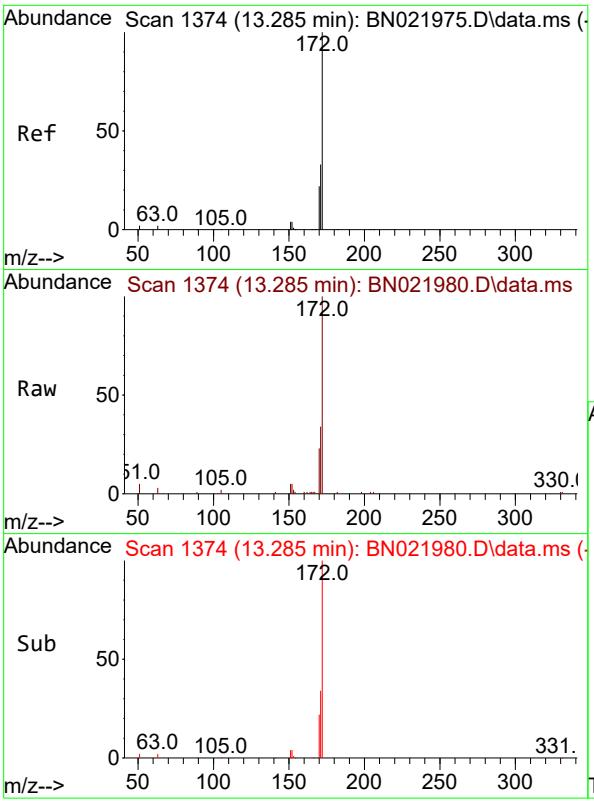


#14
2,4,6-Tribromophenol
Concen: 0.353 ng
RT: 16.146 min Scan# 1636
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:330 Resp: 839

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	43.0	35.3	52.9



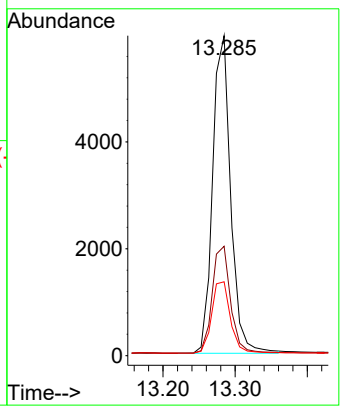


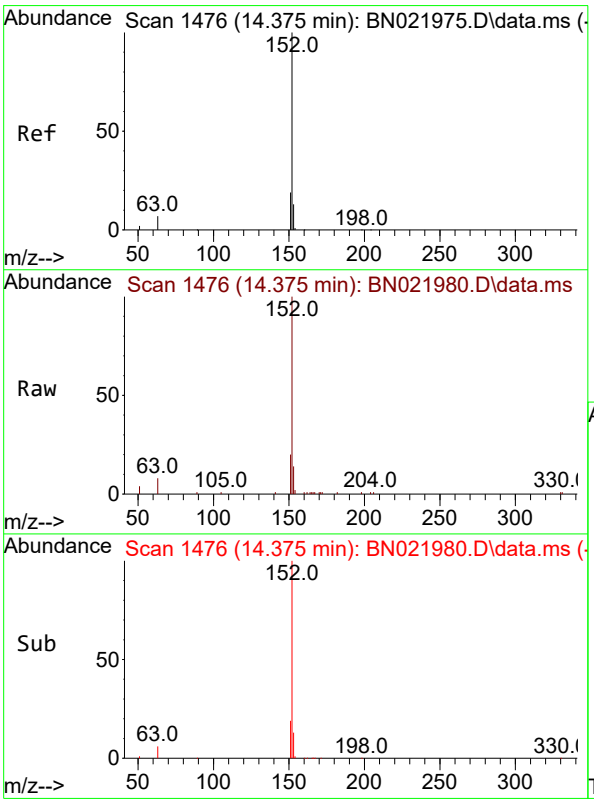
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 13.285 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:172 Resp: 10315

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	23.1	18.3	27.5

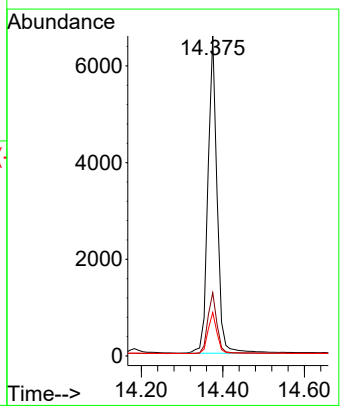


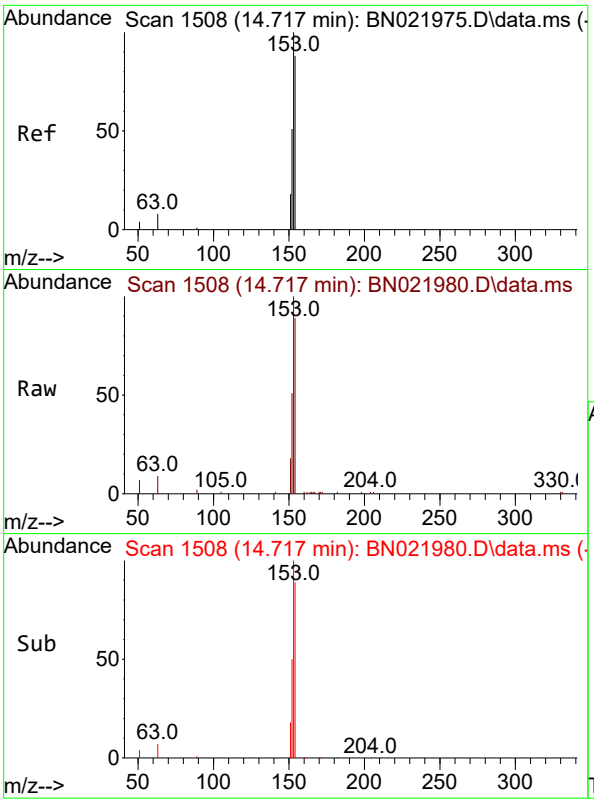


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.375 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:152 Resp: 10315

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.5	23.3
153	12.9	10.4	15.6



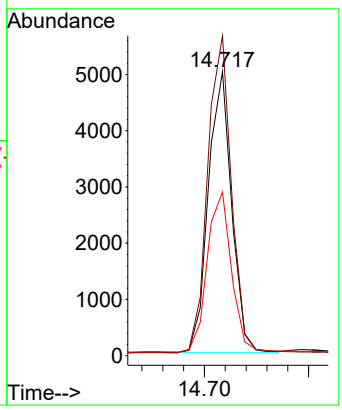


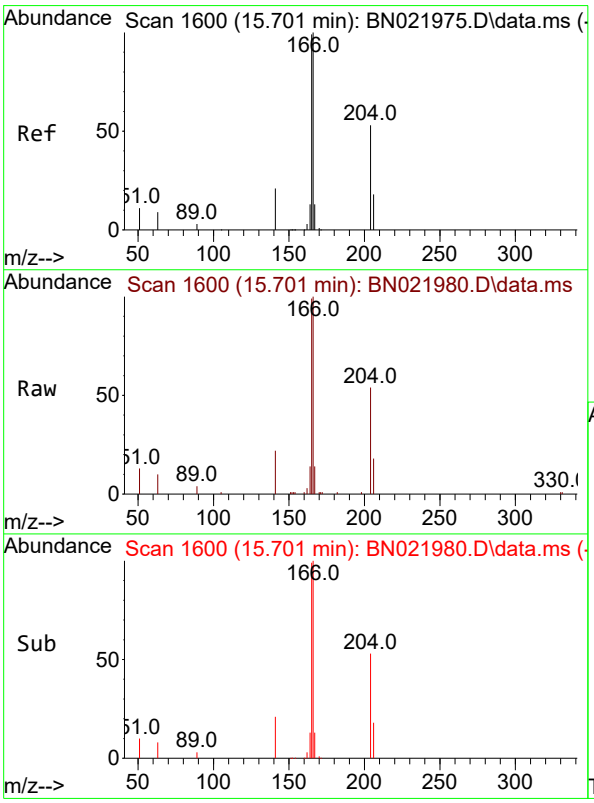
#17
Acenaphthene
Concen: 0.373 ng
RT: 14.717 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:154 Resp: 7770

Ion	Ratio	Lower	Upper
154	100		
153	115.3	92.1	138.1
152	59.4	47.8	71.6

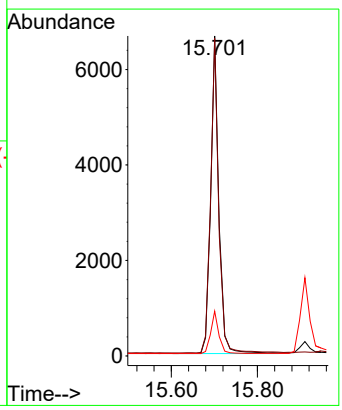


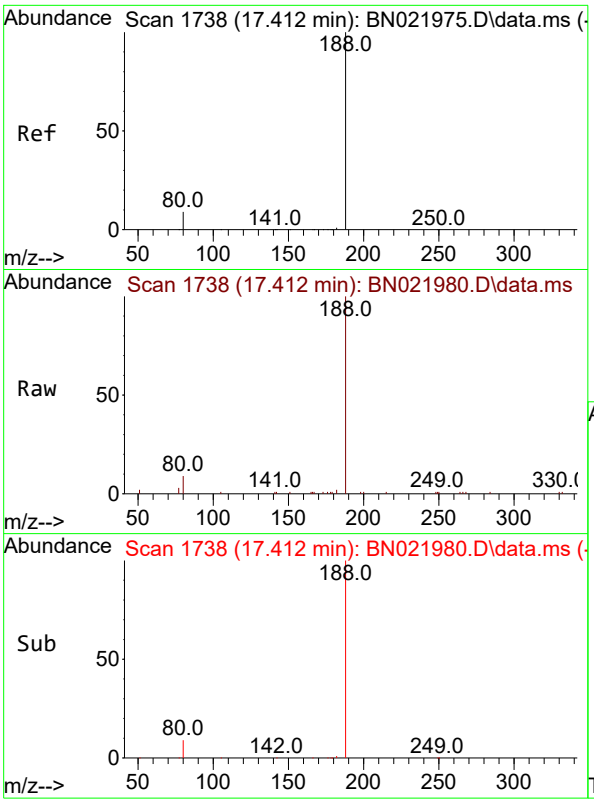


#18
Fluorene
Concen: 0.367 ng
RT: 15.701 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:166 Resp: 9213

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.0	120.0
167	13.4	10.9	16.3



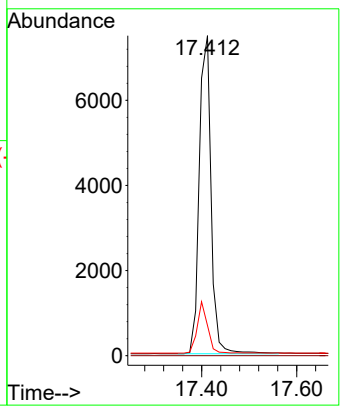


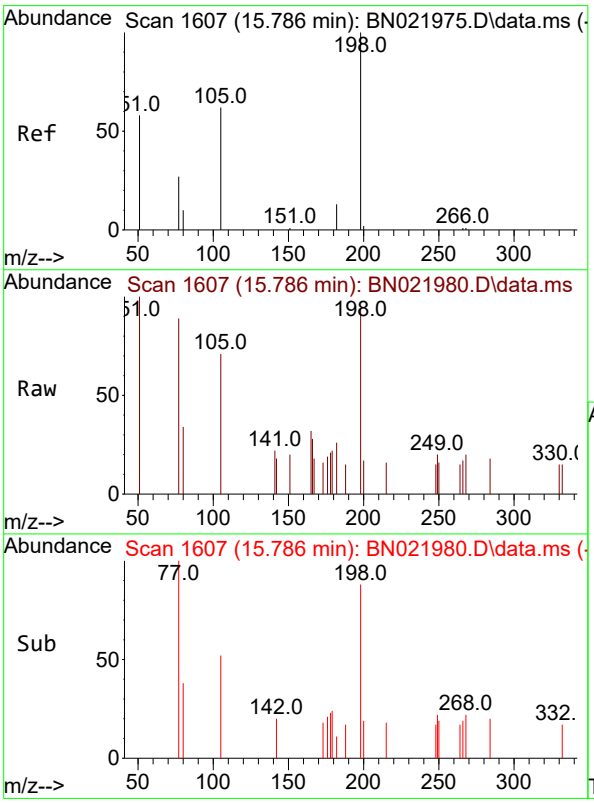
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.412 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:188 Resp: 12914

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.5	11.3

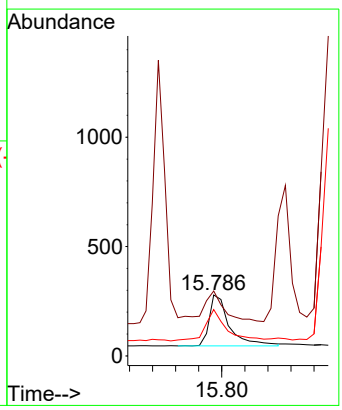


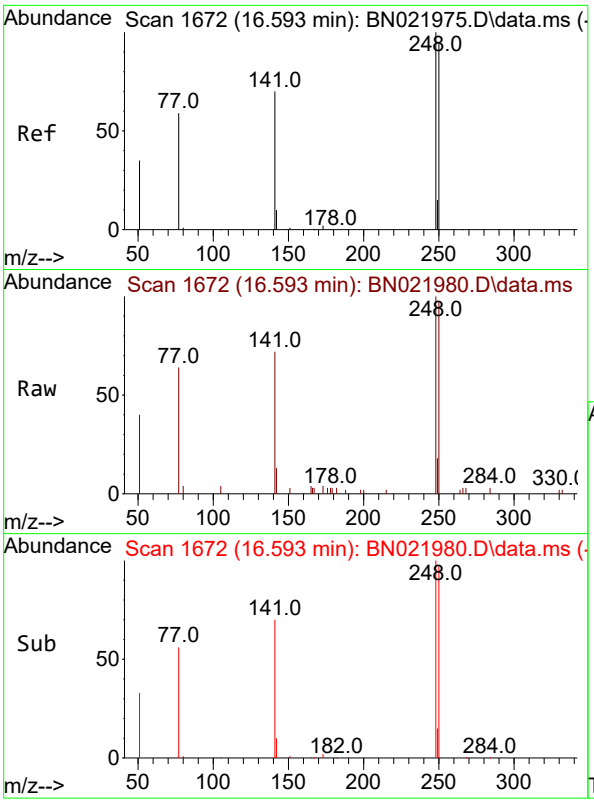


#20
4,6-Dinitro-2-methylphenol
Concen: 0.414 ng
RT: 15.786 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:198 Resp: 564

Ion	Ratio	Lower	Upper
198	100		
51	106.5	96.6	144.8
105	76.0	64.4	96.6



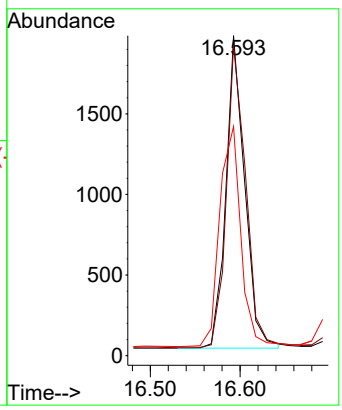


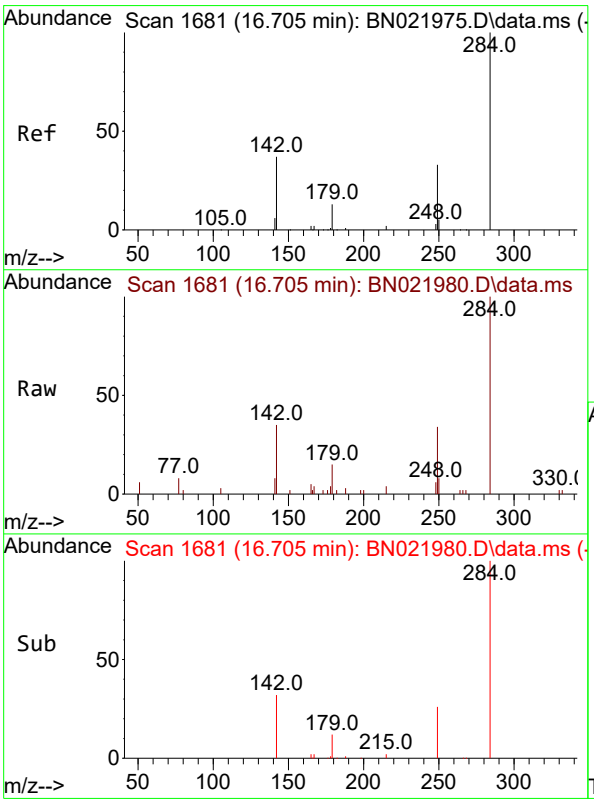
#21
4-Bromophenyl-phenylether
Concen: 0.359 ng
RT: 16.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:248 Resp: 2826

Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.6	114.8
141	71.6	57.5	86.3

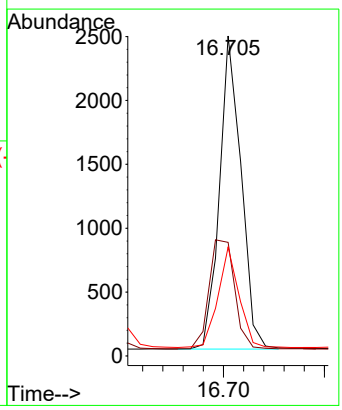


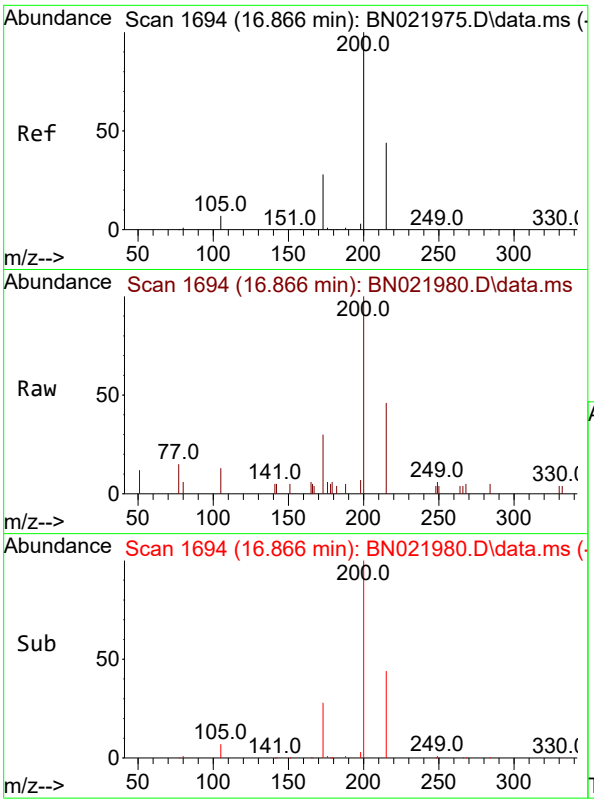


#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.705 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:284 Resp: 3643

Ion	Ratio	Lower	Upper
284	100		
142	41.0	33.4	50.0
249	31.0	25.1	37.7



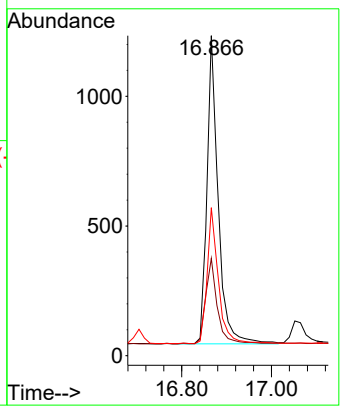


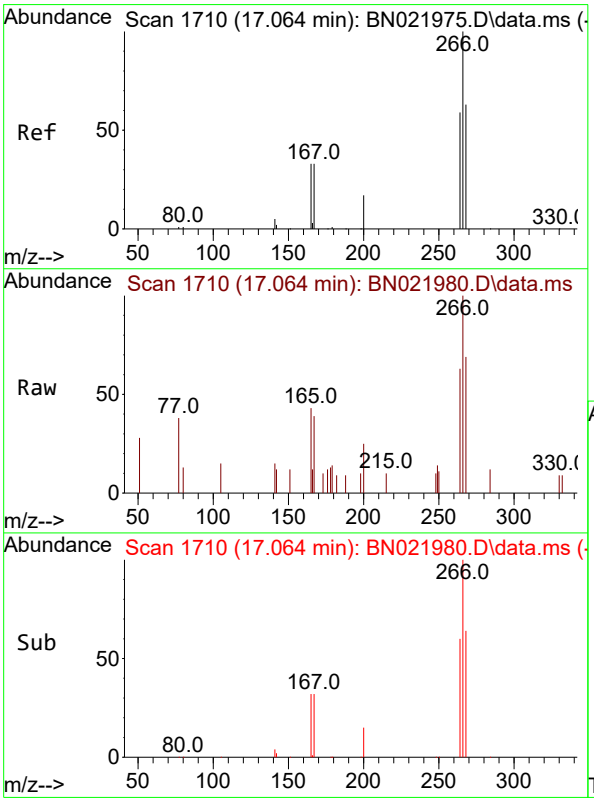
#23
Atrazine
Concen: 0.351 ng
RT: 16.866 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:200 Resp: 2048

Ion	Ratio	Lower	Upper
200	100		
173	30.4	24.6	36.8
215	46.3	37.1	55.7

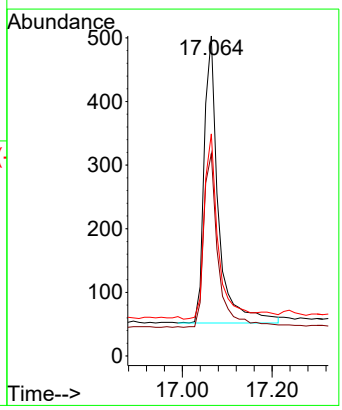


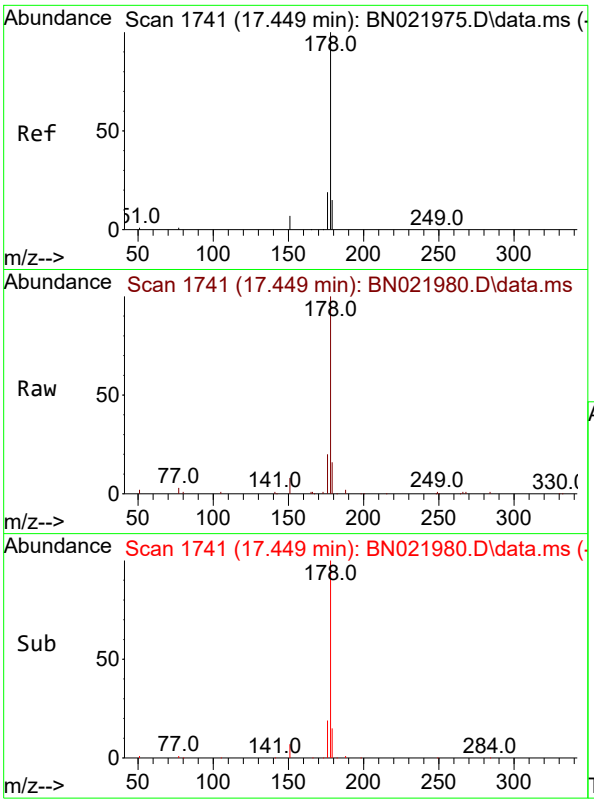


#24
Pentachlorophenol
Concen: 0.330 ng
RT: 17.064 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:266 Resp: 991

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.8	74.6
268	63.2	49.6	74.4



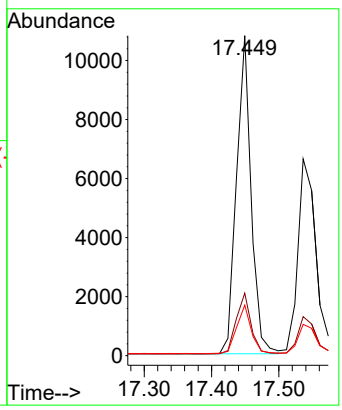


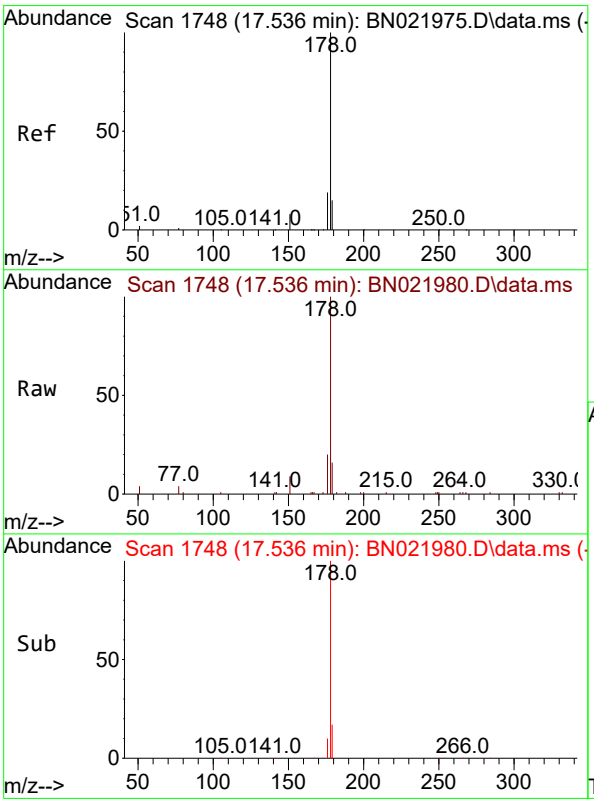
#25
Phenanthrene
Concen: 0.367 ng
RT: 17.449 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:178 Resp: 16282

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.2	18.2

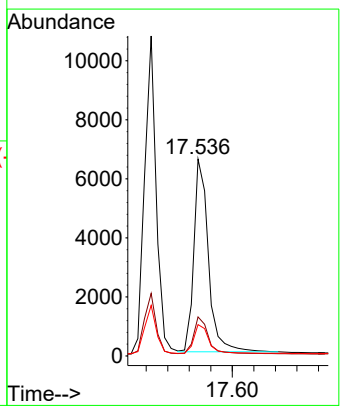


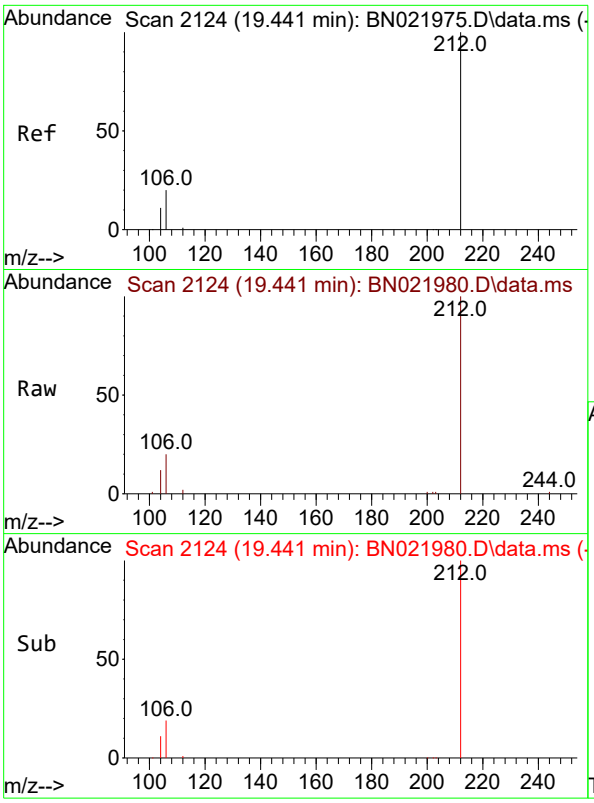


#26
Anthracene
Concen: 0.346 ng
RT: 17.536 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:178 Resp: 12324

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.4	12.2	18.2



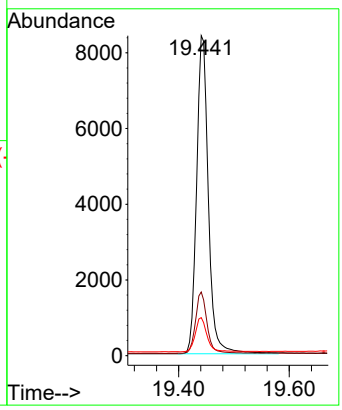


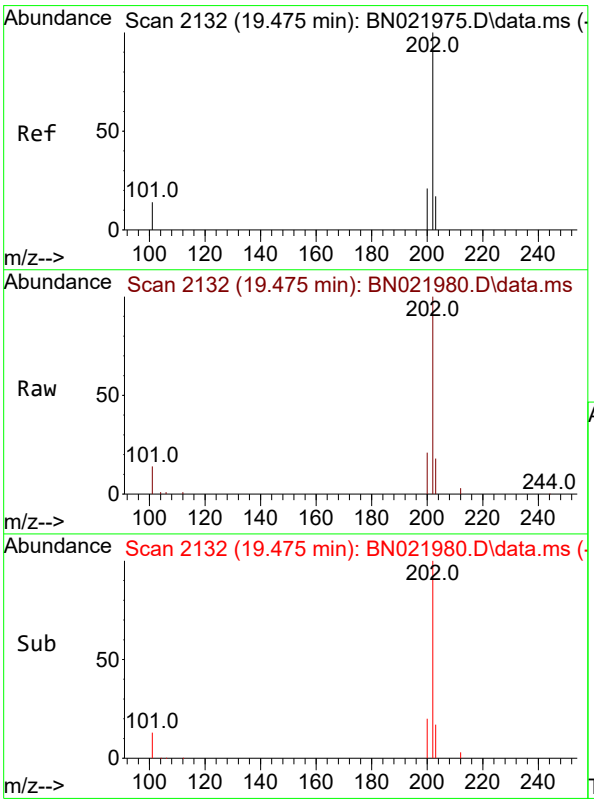
#27
Fluoranthene-d10
Concen: 0.361 ng
RT: 19.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:212 Resp: 12398

Ion	Ratio	Lower	Upper
212	100		
106	18.9	15.2	22.8
104	10.8	8.6	13.0

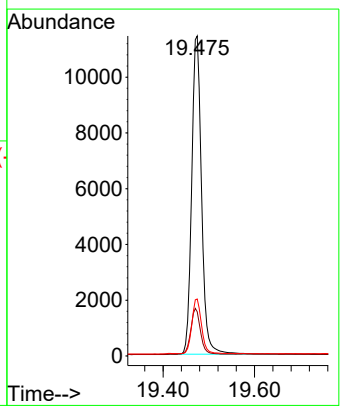


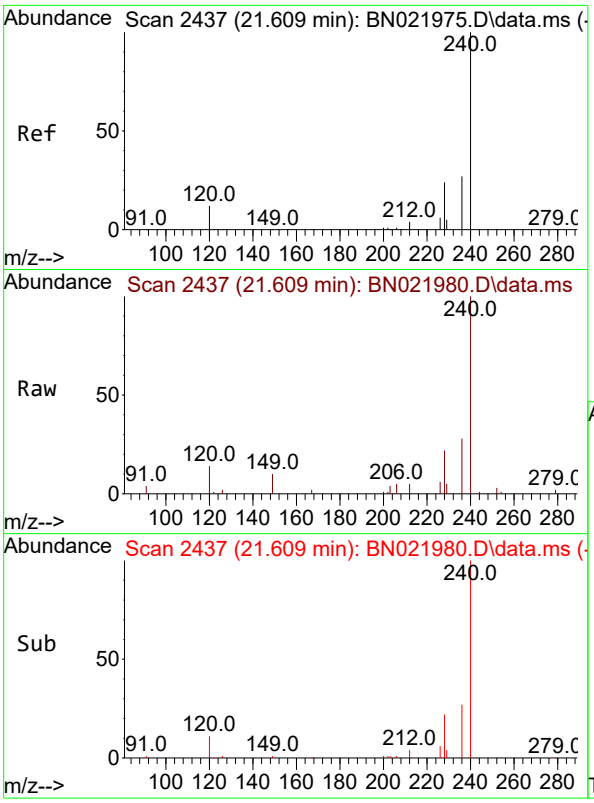


#28
Fluoranthene
Concen: 0.361 ng
RT: 19.475 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:202 Resp: 17159

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.0
203	16.8	13.5	20.3



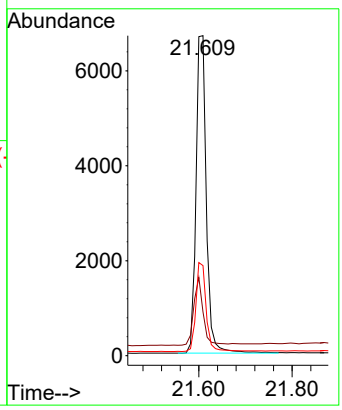


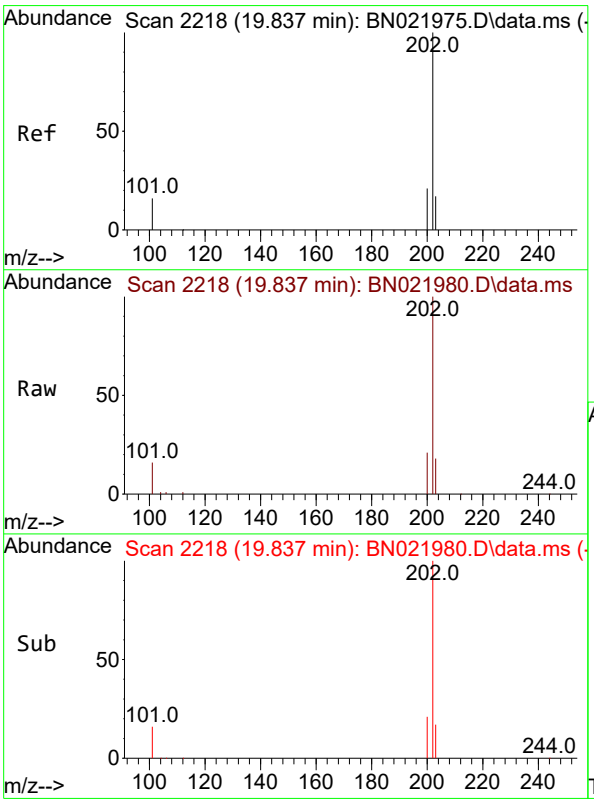
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.609 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:240 Resp: 10348

Ion	Ratio	Lower	Upper
240	100		
120	13.7	11.8	17.6
236	28.2	22.4	33.6

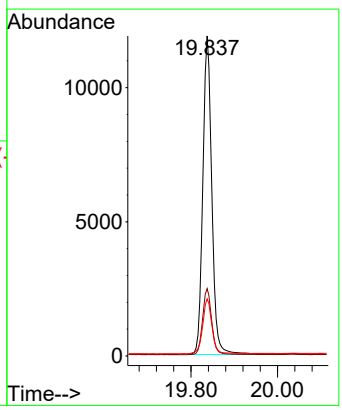


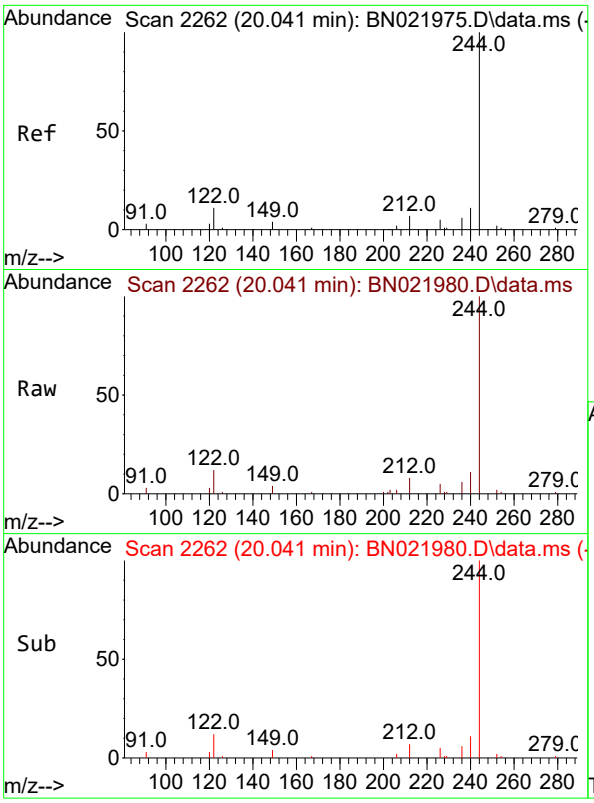


#30
Pyrene
Concen: 0.379 ng
RT: 19.837 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:202 Resp: 17201

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.1	21.1



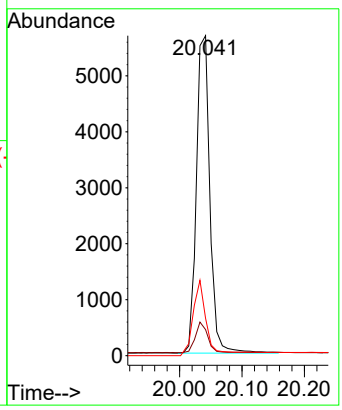


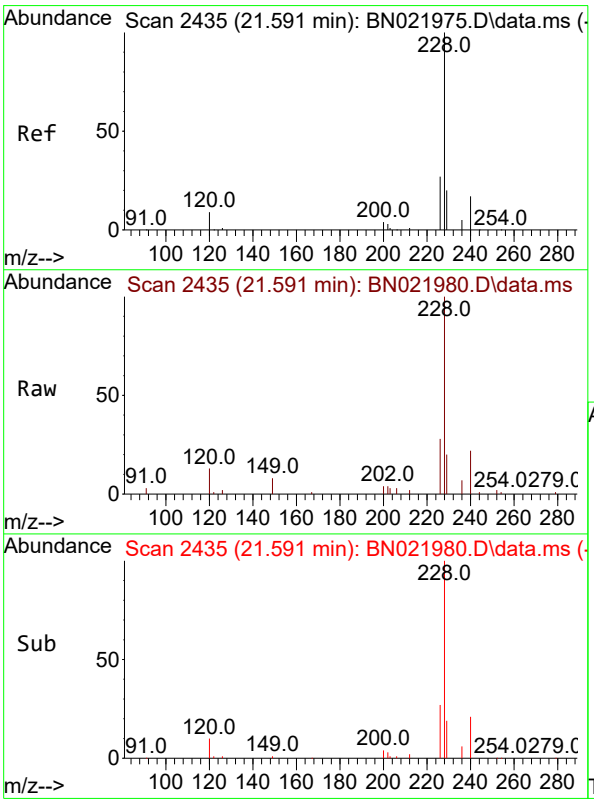
#31
Terphenyl-d14
Concen: 0.386 ng
RT: 20.041 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:244 Resp: 8025

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.7	9.1	13.7

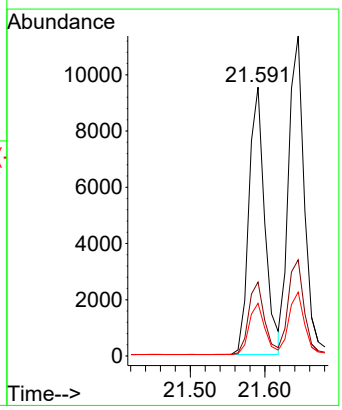


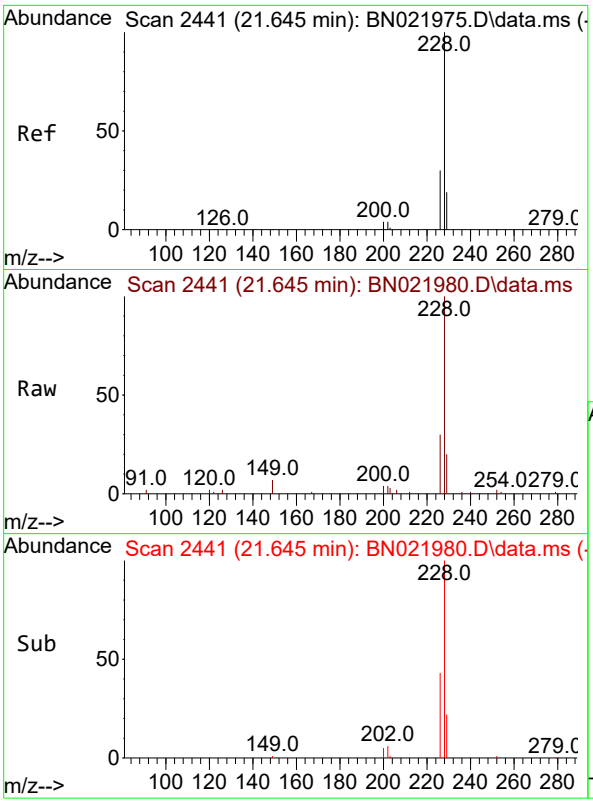


#32
Benzo(a)anthracene
Concen: 0.362 ng
RT: 21.591 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:228 Resp: 14070

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	19.6	16.2	24.2



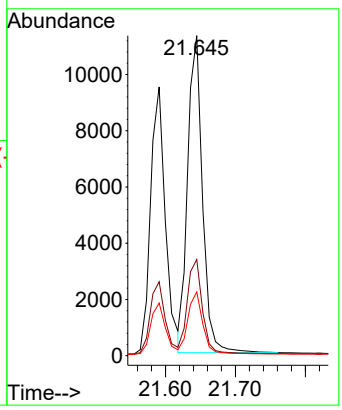


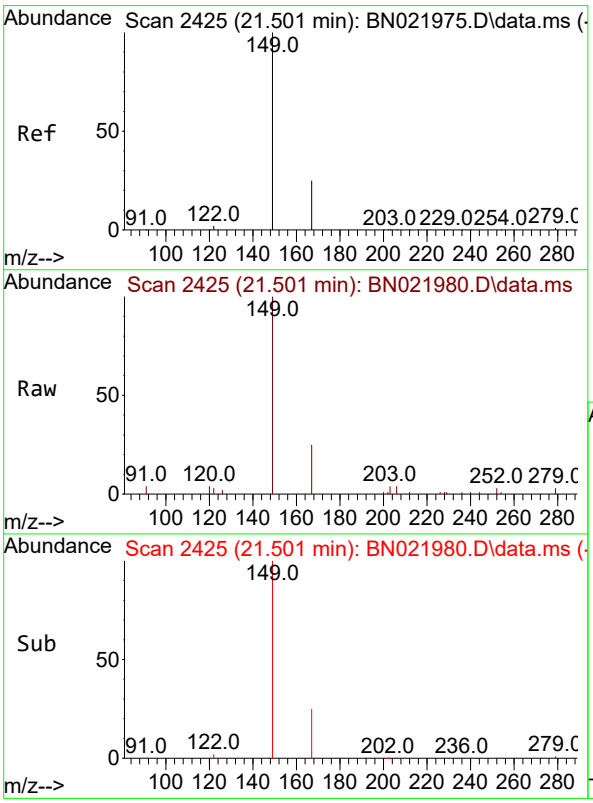
#33
Chrysene
Concen: 0.384 ng
RT: 21.645 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:228 Resp: 16579

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	20.0	15.8	23.6

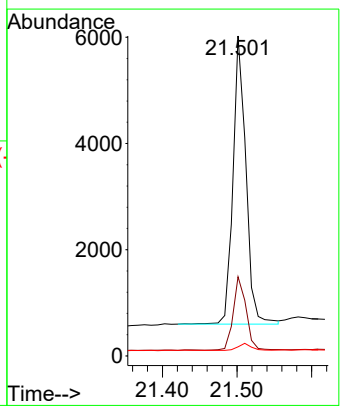


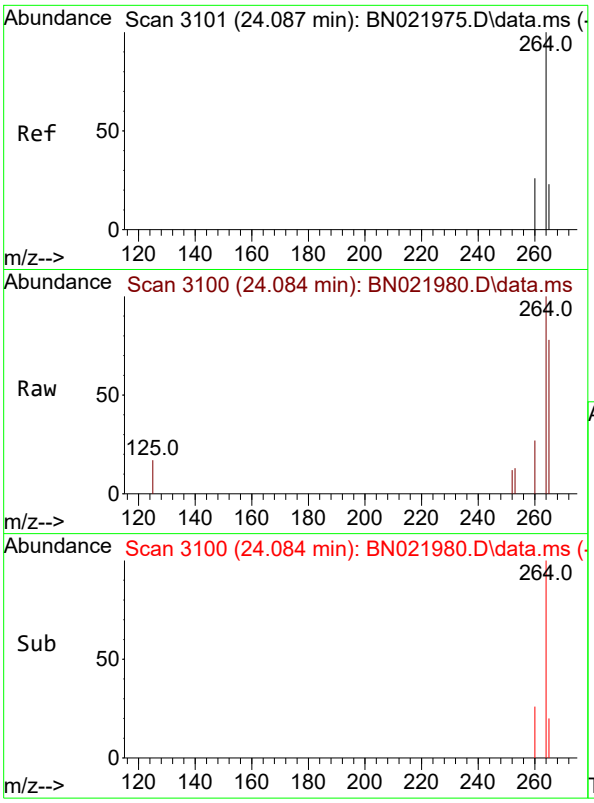


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.348 ng
RT: 21.501 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:149 Resp: 6499

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	2.5	2.3	3.5



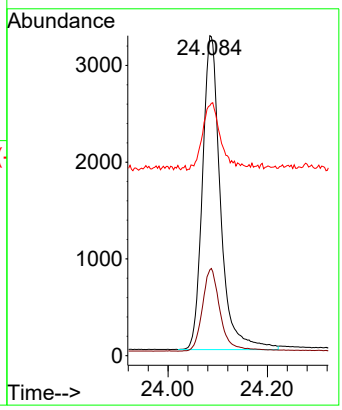


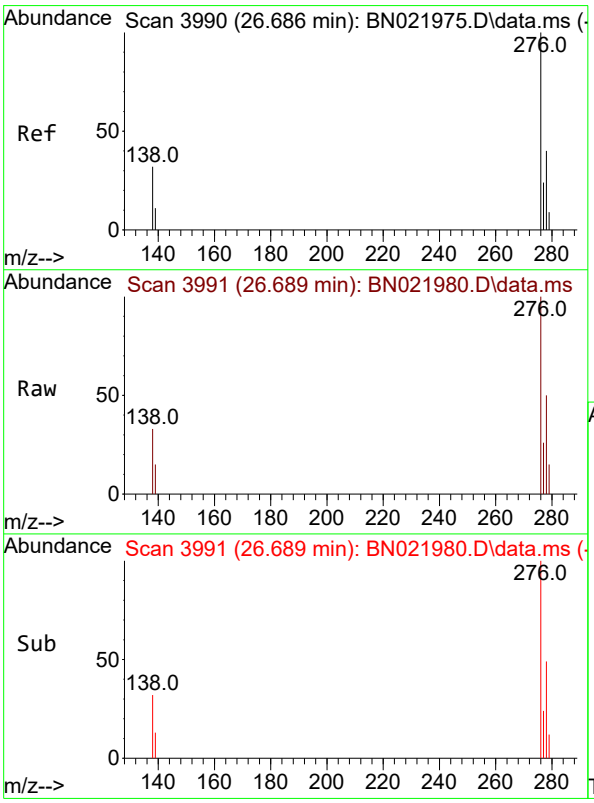
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.084 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:264 Resp: 8171

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.3	31.9
265	78.2	63.0	94.4

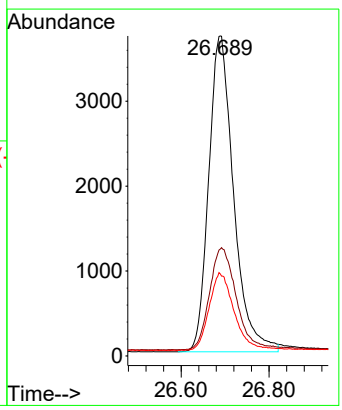


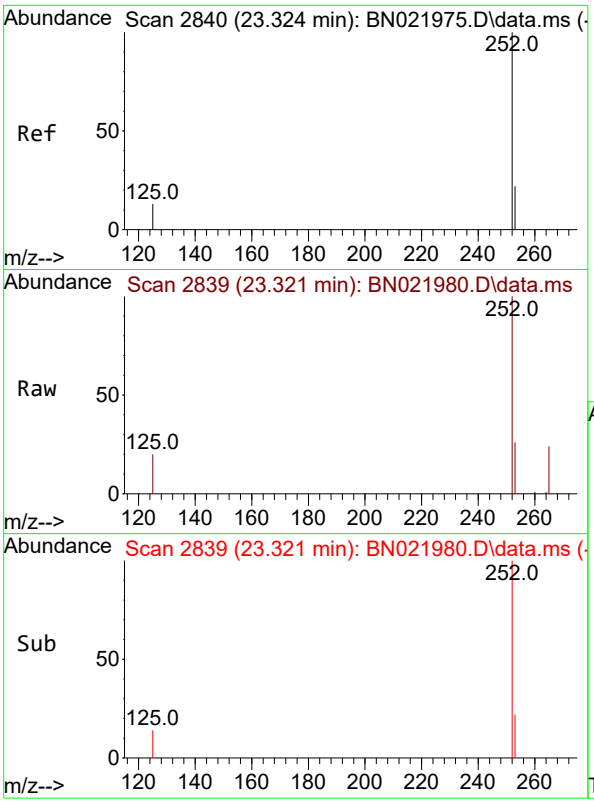


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 26.689 min Scan# 3991
Delta R.T. 0.003 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:276 Resp: 14618

Ion	Ratio	Lower	Upper
276	100		
138	34.6	28.0	42.0
277	24.7	19.8	29.8



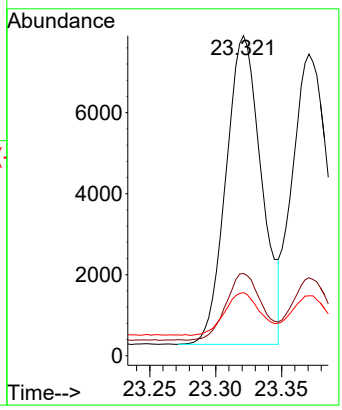


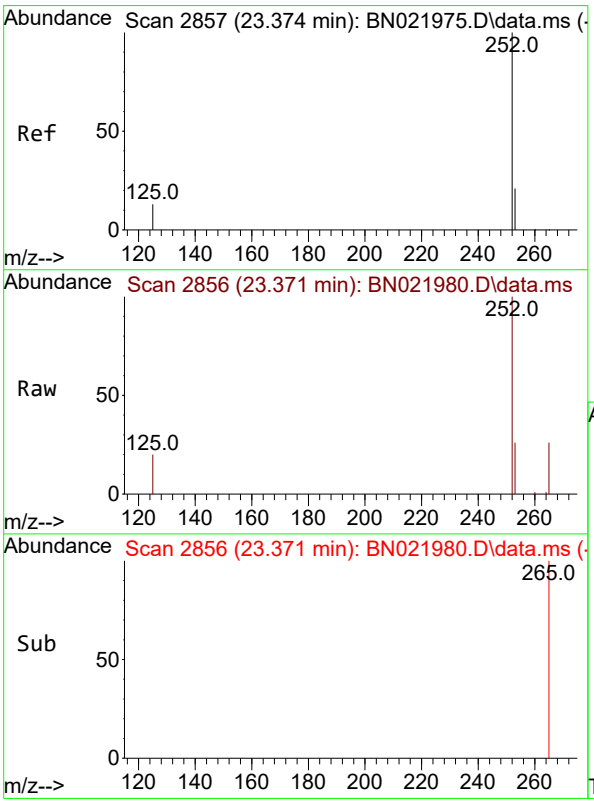
#37
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 23.321 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:252 Resp: 14284

Ion	Ratio	Lower	Upper
252	100		
253	25.7	20.6	31.0
125	19.7	15.6	23.4

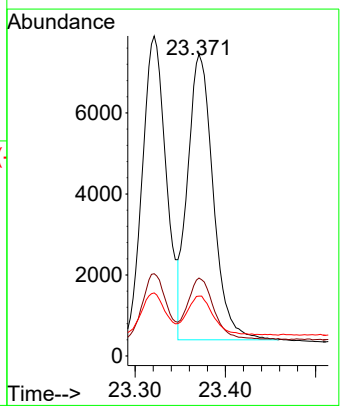


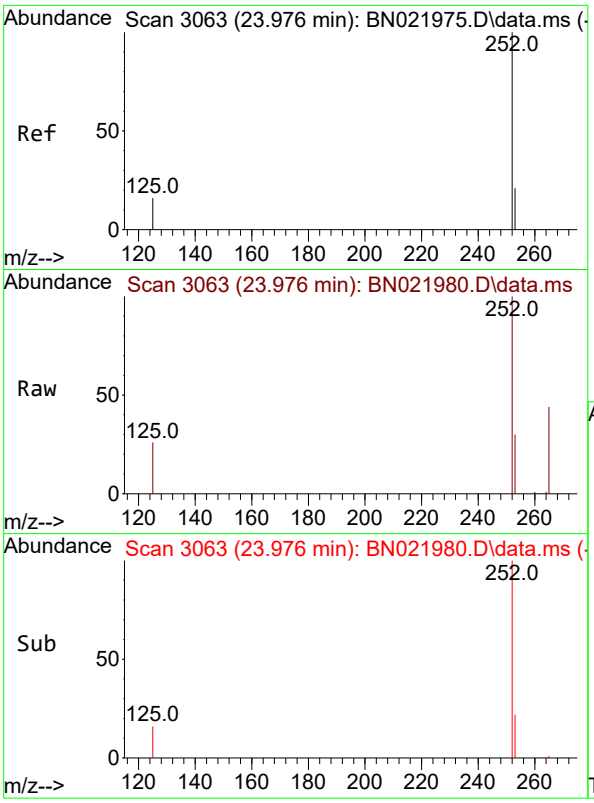


#38
Benzo(k)fluoranthene
Concen: 0.360 ng
RT: 23.371 min Scan# 2856
Delta R.T. -0.003 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:252 Resp: 13893

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.4	30.6
125	19.8	15.8	23.6



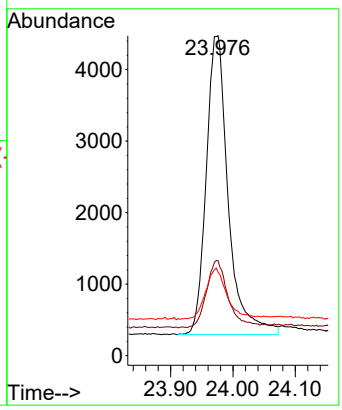


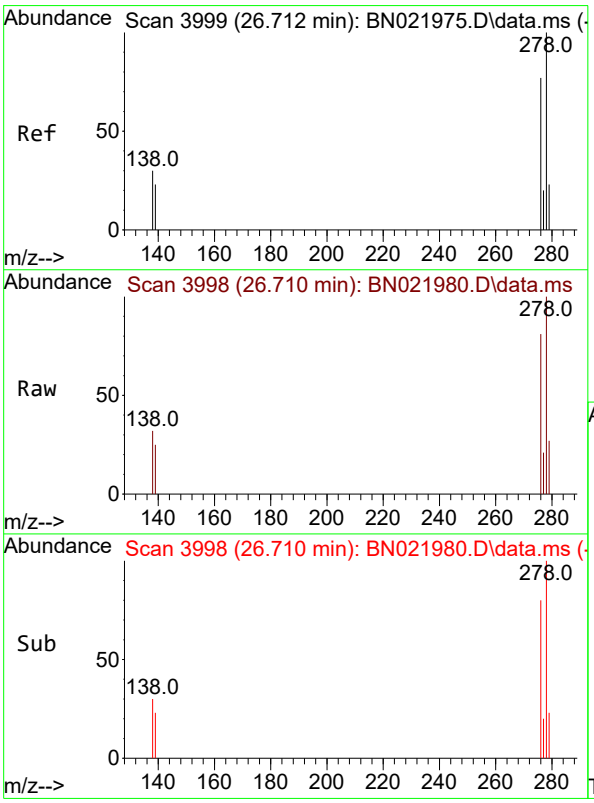
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.976 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:252 Resp: 10263

Ion	Ratio	Lower	Upper
252	100		
253	29.7	23.2	34.8
125	26.1	21.1	31.7

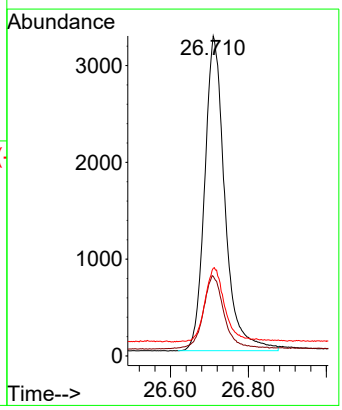


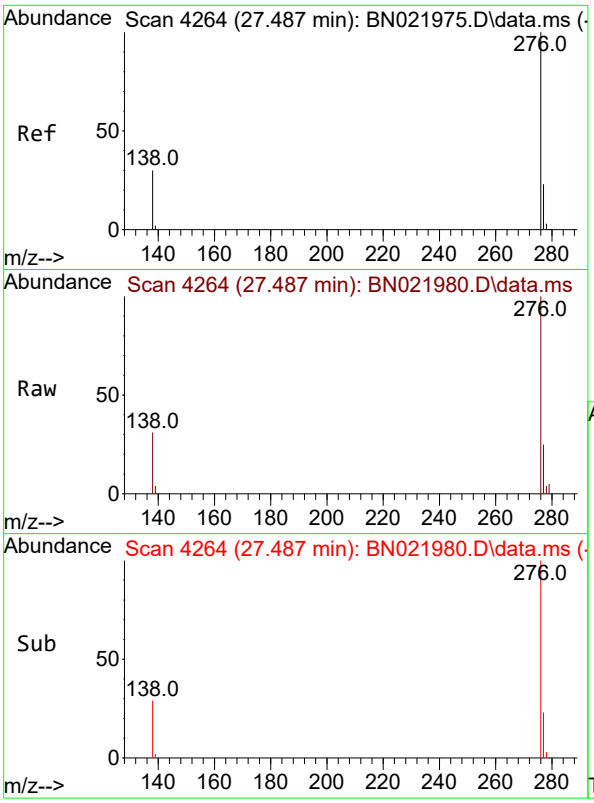


#40
Dibenzo(a,h)anthracene
Concen: 0.355 ng
RT: 26.710 min Scan# 3998
Delta R.T. -0.003 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Tgt Ion:278 Resp: 11685

Ion	Ratio	Lower	Upper
278	100		
139	24.9	19.9	29.9
279	27.4	21.9	32.9





#41
Benzo(g,h,i)perylene
Concen: 0.364 ng
RT: 27.487 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN021980.D
Acq: 03 Oct 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN100322

Tgt Ion:276 Resp: 12931

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	31.2	25.2	37.8