Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018679.D
Acq On : 22 Feb 2022 16:14
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Quant Time: Feb 22 16:56:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6189	0.400	ng	0.00
7) Naphthalene-d8	10.722	136	14612	0.400	ng	# 0.00
13) Acenaphthene-d10	14.549	164	6917	0.400	ng	0.00
19) Phenanthrene-d10	17.287	188	12292	0.400	ng	0.00
29) Chrysene-d12	21.458	240	9388	0.400	ng	# 0.00
35) Perylene-d12	23.861	264	8428	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	5463	0.386	ng	0.00
5) Phenol-d6	7.067	99	6069	0.372	ng	0.00
8) Nitrobenzene-d5	9.067	82	4062	0.360	ng	0.00
11) 2-Methylnaphthalene-d10	12.310	152	8323	0.378	ng	0.00
14) 2,4,6-Tribromophenol	16.036	330	929	0.344	ng	0.01
15) 2-Fluorobiphenyl	13.180	172	12640	0.386	ng	0.00
27) Fluoranthene-d10	19.312	212	12550	0.376	ng	0.00
31) Terphenyl-d14	19.906	244	7942	0.390	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	2861	0.398	ng	# 59
3) n-Nitrosodimethylamine	3.644	42	2694	0.378	ng	# 86
6) bis(2-Chloroethyl)ether	7.334	93	6360	0.380	ng	98
9) Naphthalene	10.776	128	16127	0.382	ng	99
10) Hexachlorobutadiene	11.075	225	3901	0.385	ng	# 99
12) 2-Methylnaphthalene	12.382	142	10771	0.382	ng	98
16) Acenaphthylene	14.271	152	11665	0.355	ng	99
17) Acenaphthene	14.613	154	8310	0.367	ng	99
18) Fluorene	15.596	166	10014	0.367	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	600	0.371	ng	96
21) 4-Bromophenyl-phenylether	16.477	248	3282	0.376	ng	94
22) Hexachlorobenzene	16.600	284	4257	0.389	ng	# 88
23) Atrazine	16.733	200	1703	0.353	ng	# 91
24) Pentachlorophenol	16.938	266	713	0.361	ng	99
25) Phenanthrene	17.328	178	15569	0.378	ng	100
26) Anthracene	17.420	178	12620	0.362	ng	100
28) Fluoranthene	19.341	202	15910	0.370	ng	# 97
30) Pyrene	19.704	202	15998	0.382	ng	99
32) Benzo(a)anthracene	21.449	228	13213	0.371	ng	99
33) Chrysene	21.494	228	15303	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5377	0.372	ng	# 94
36) Indeno(1,2,3-cd)pyrene	26.346	276	16411	0.369	ng	# 90
37) Benzo(b)fluoranthene	23.127	252	13952	0.364	ng	# 91
38) Benzo(k)fluoranthene	23.173	252	14116	0.372	ng	# 92
39) Benzo(a)pyrene	23.752	252	11178	0.366	ng	# 86
40) Dibenzo(a,h)anthracene	26.360	278	12729	0.367	ng	# 91
41) Benzo(g,h,i)perylene	27.106	276	14078	0.370	ng	# 89

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

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Misc :
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Instrument :
BNA_N
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Quant Time: Feb 22 16:56:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
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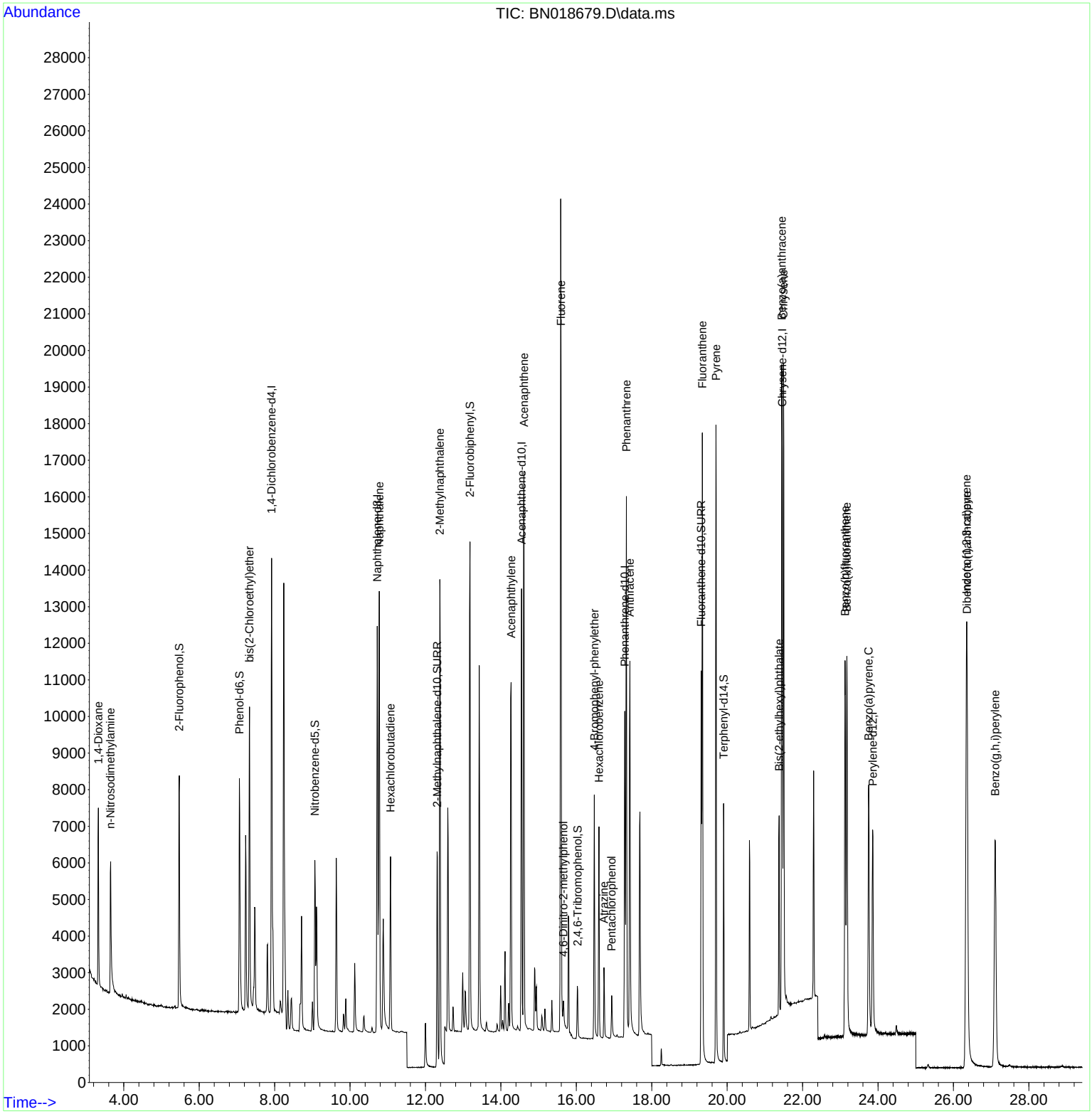
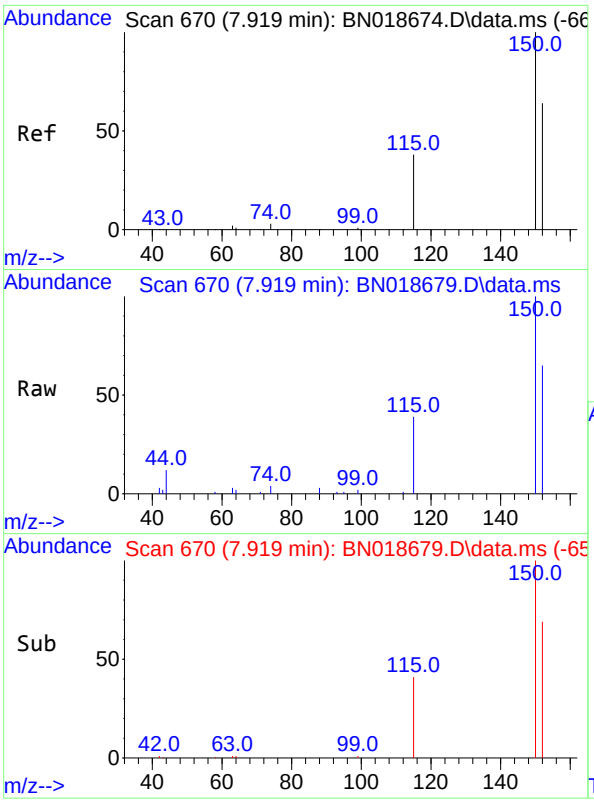


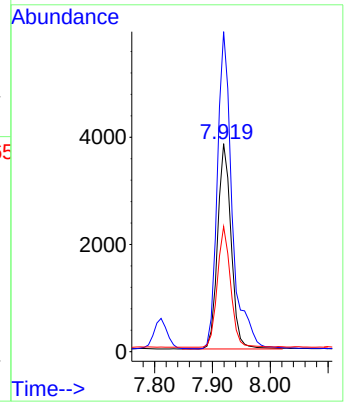


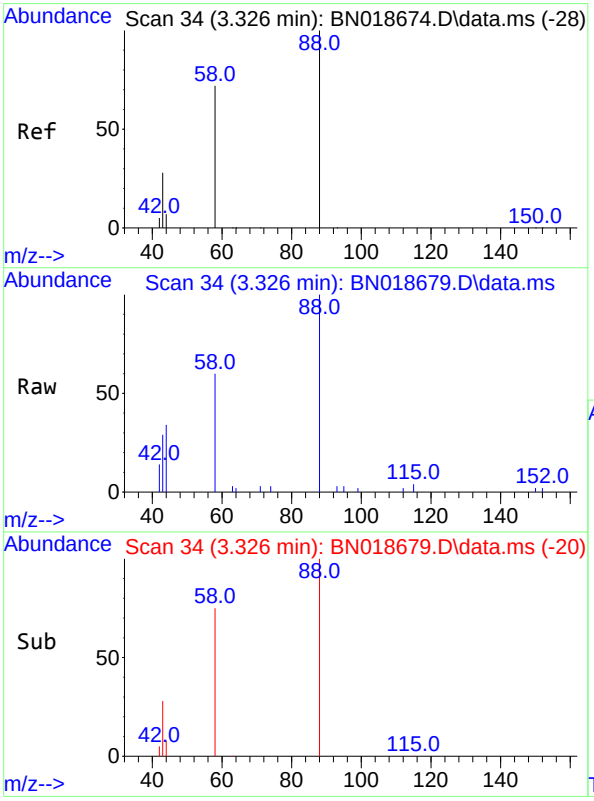
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.919 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:152 Resp: 6189

Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.7	182.5
115	60.1	43.8	65.8

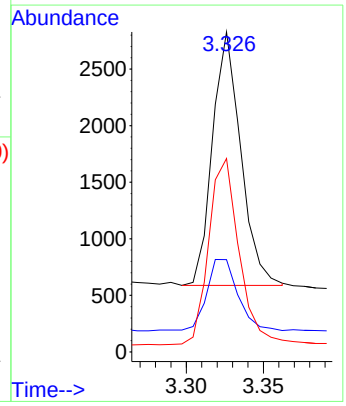


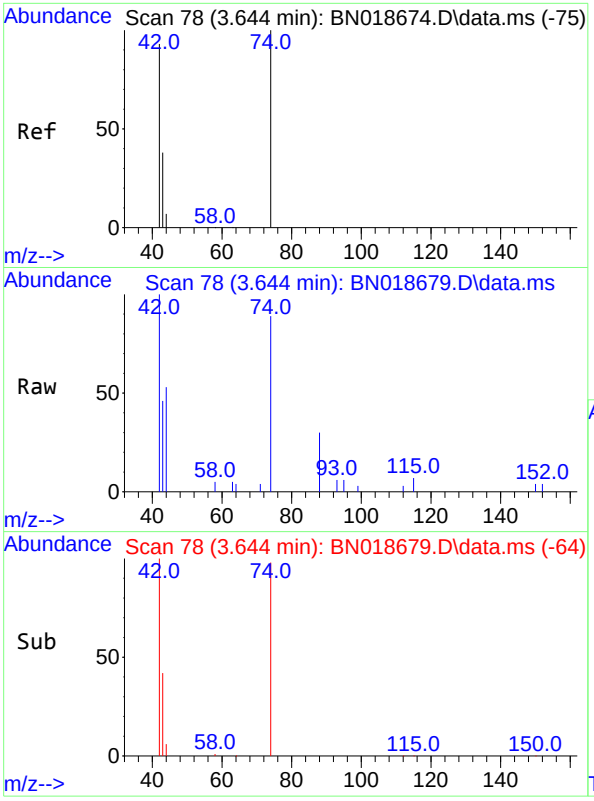


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.326 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion: 88 Resp: 2861

Ion	Ratio	Lower	Upper
88	100		
43	31.4	69.7	104.5#
58	78.9	83.8	125.8#



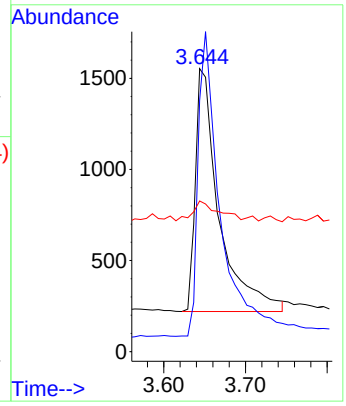


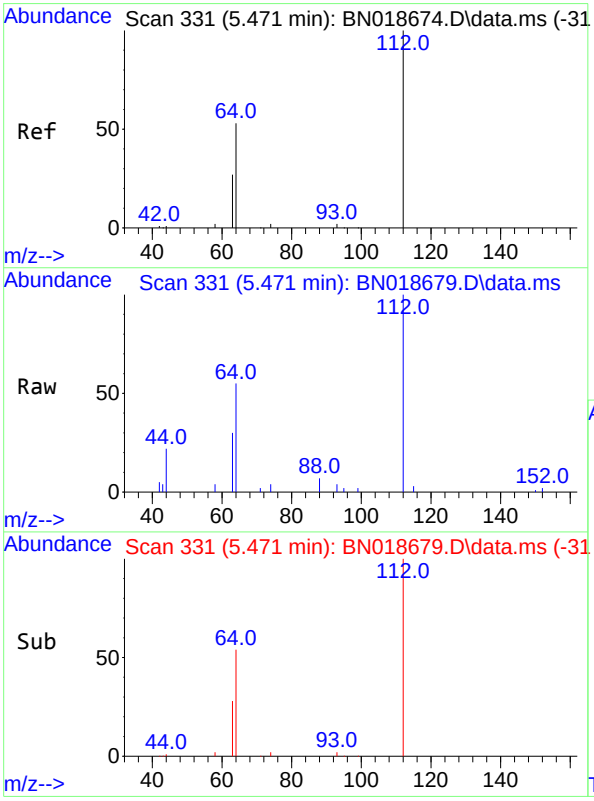
#3
n-Nitrosodimethylamine
Concen: 0.378 ng
RT: 3.644 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion: 42 Resp: 2694

Ion	Ratio	Lower	Upper
42	100		
74	118.7	108.6	163.0
44	8.9	5.8	8.8#

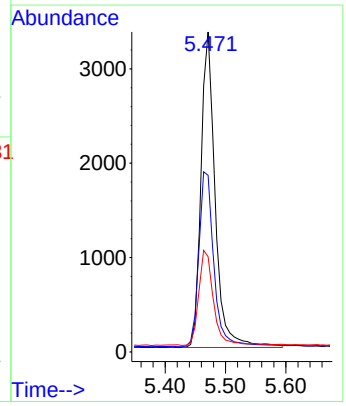


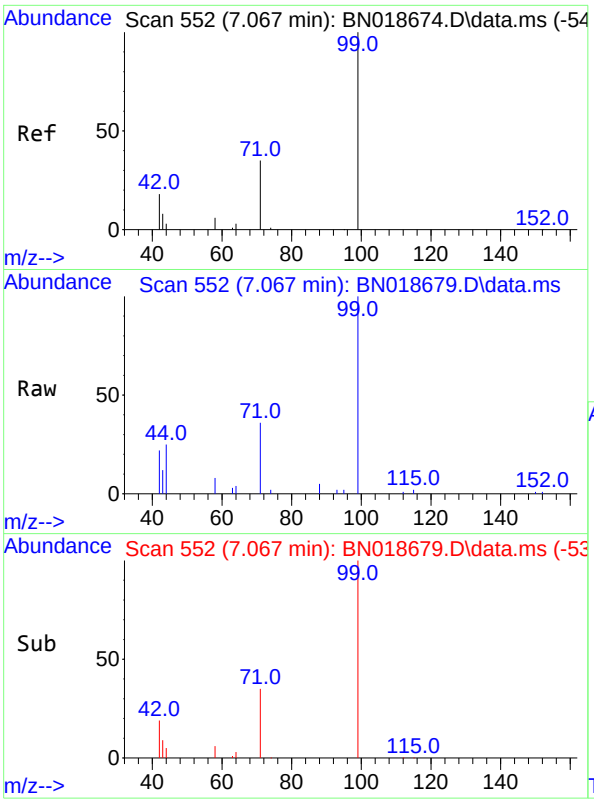


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.471 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:112 Resp: 5463

Ion	Ratio	Lower	Upper
112	100		
64	59.0	48.0	72.0
63	31.3	25.3	37.9



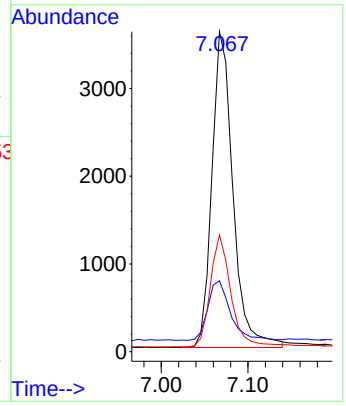


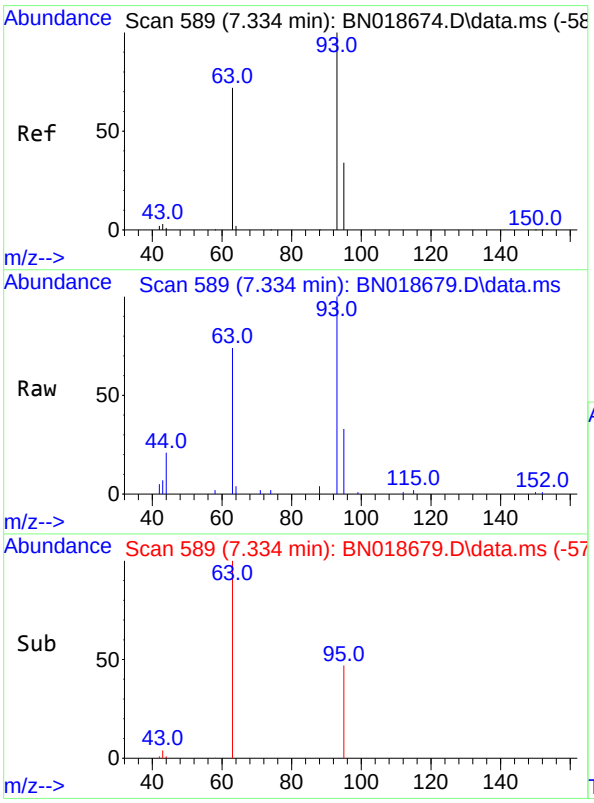
#5
Phenol-d6
Concen: 0.372 ng
RT: 7.067 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion: 99 Resp: 6069

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.3	24.5
71	34.6	26.8	40.2

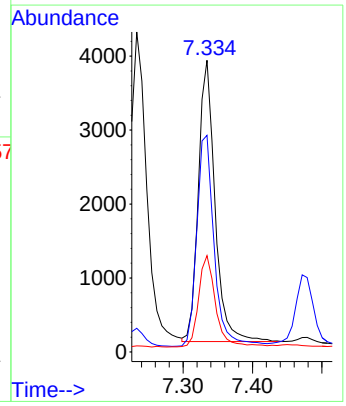


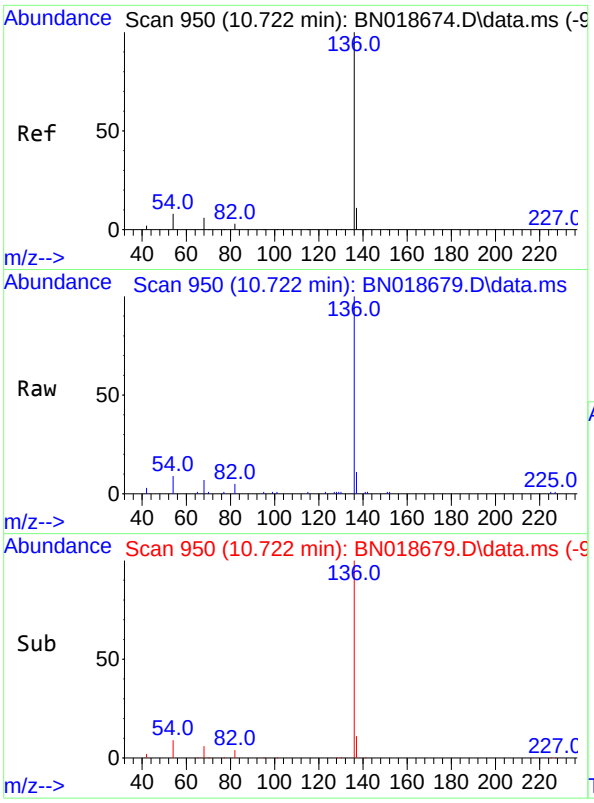


#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.334 min Scan# 589
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion: 93 Resp: 6360

Ion	Ratio	Lower	Upper
93	100		
63	78.6	61.7	92.5
95	33.4	26.2	39.4



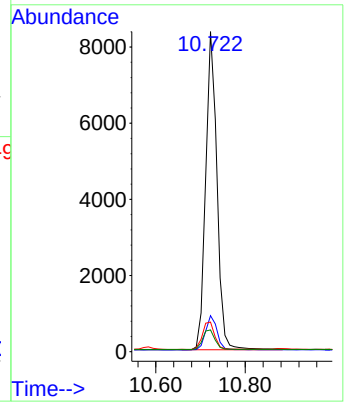


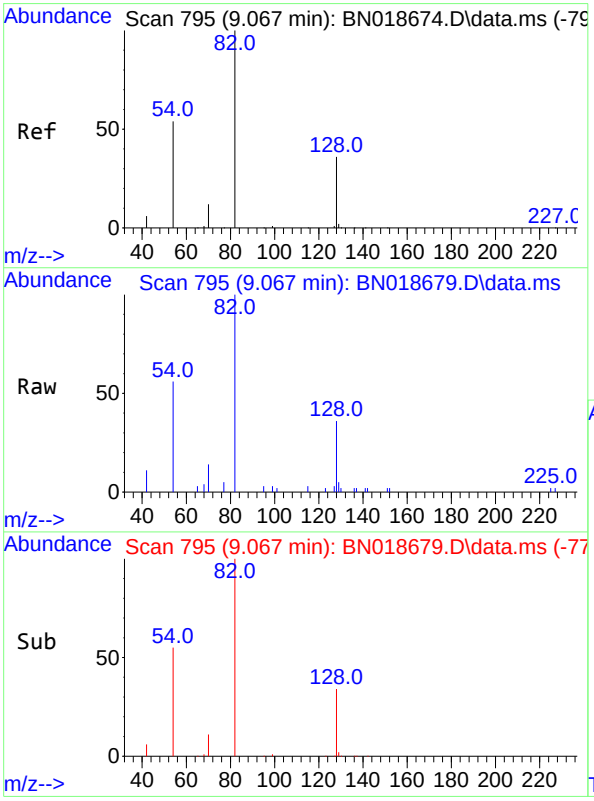
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:136 Resp: 14612

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.2	5.0	7.6#
68	6.8	4.4	6.6#

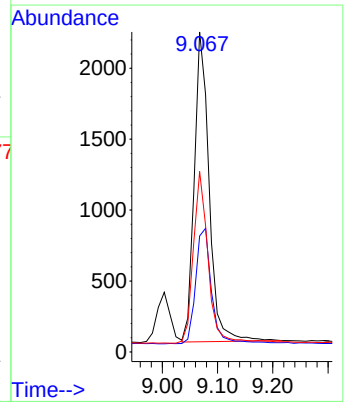


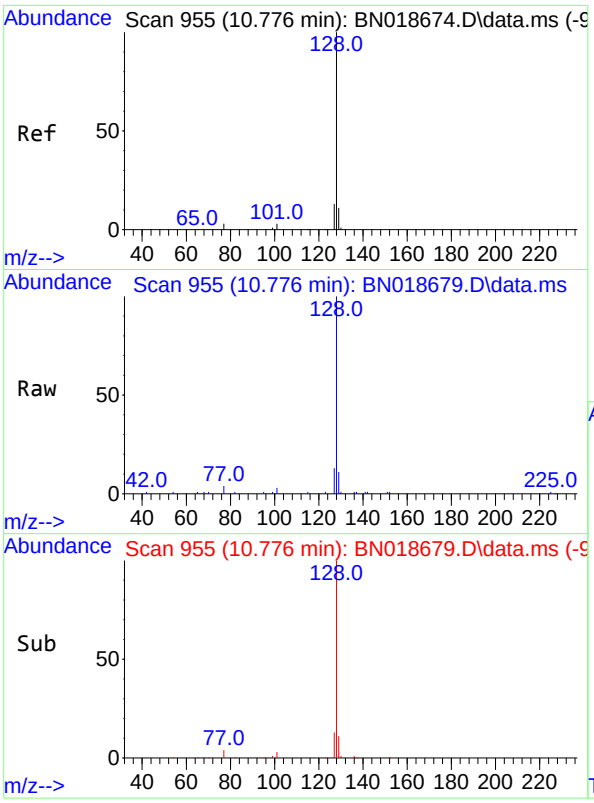


#8
Nitrobenzene-d5
Concen: 0.360 ng
RT: 9.067 min Scan# 795
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion: 82 Resp: 4062

Ion	Ratio	Lower	Upper
82	100		
128	36.3	33.7	50.5
54	56.4	36.6	55.0#



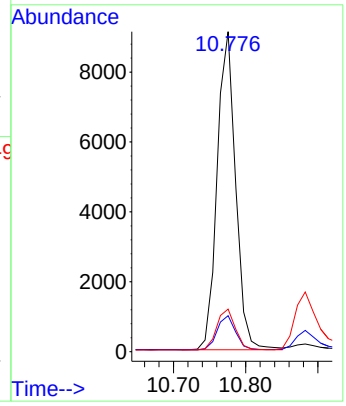


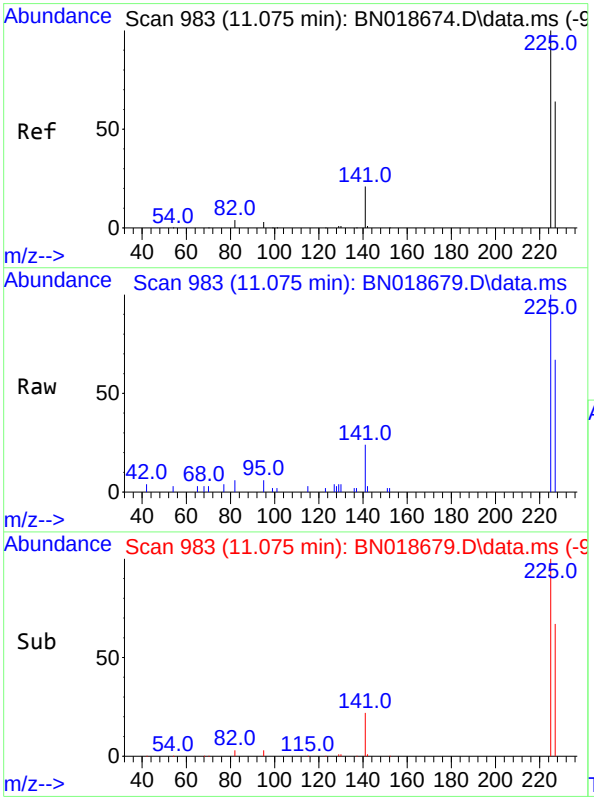
#9
Naphthalene
Concen: 0.382 ng
RT: 10.776 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:128 Resp: 16127

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.3	10.4	15.6

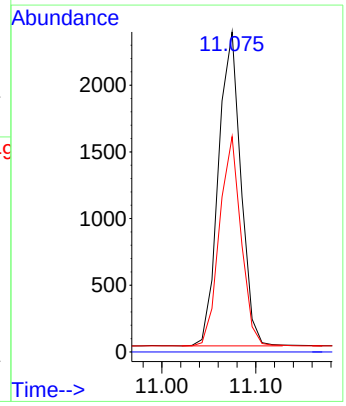


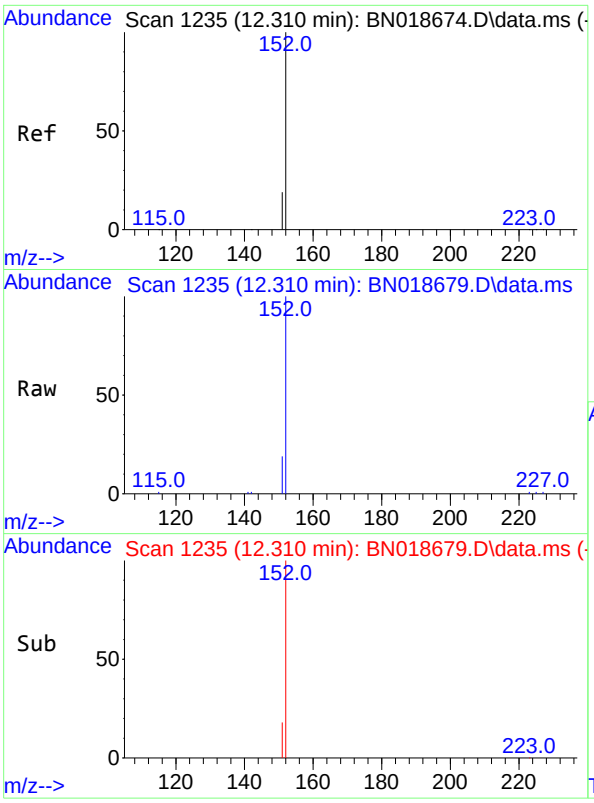


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 11.075 min Scan# 983
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:225 Resp: 3901

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.0	76.6



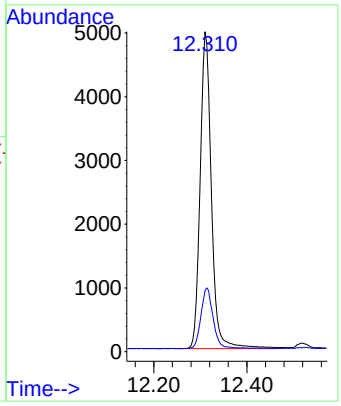


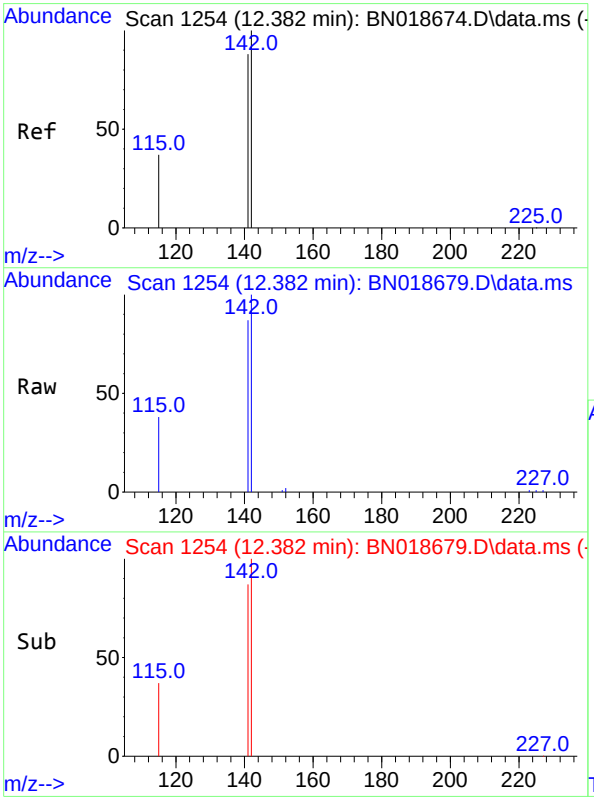
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.310 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:152 Resp: 8323

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2

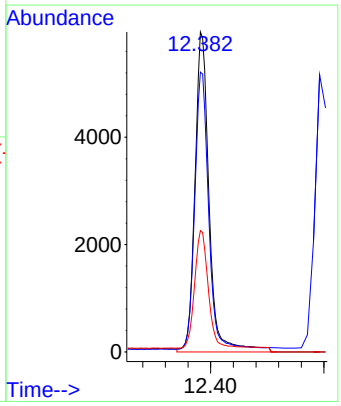


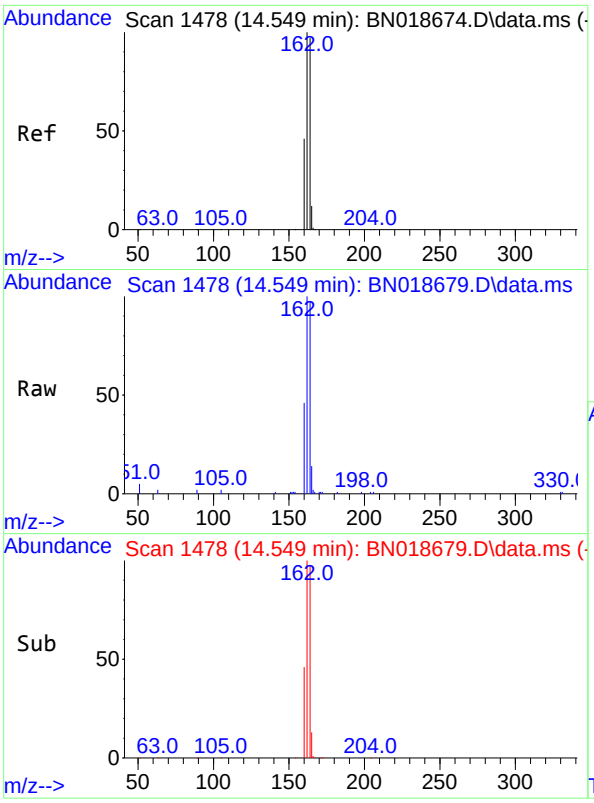


#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.382 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:142 Resp: 10771

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	37.9	27.8	41.8



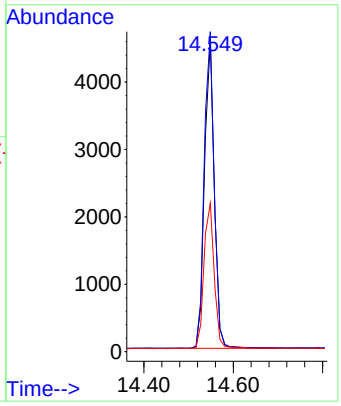


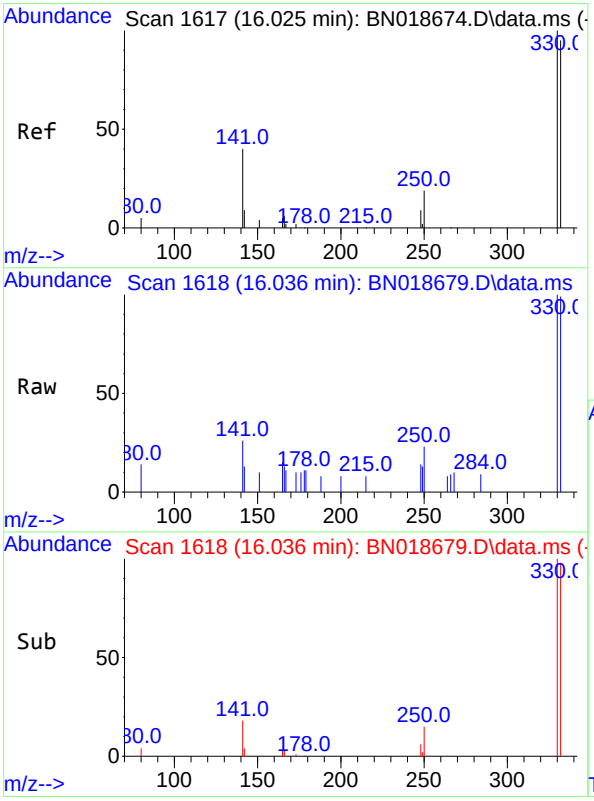
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:164 Resp: 6917

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	47.9	36.9	55.3

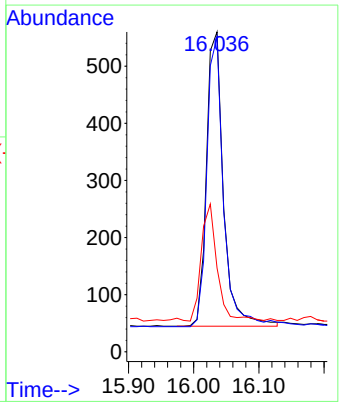


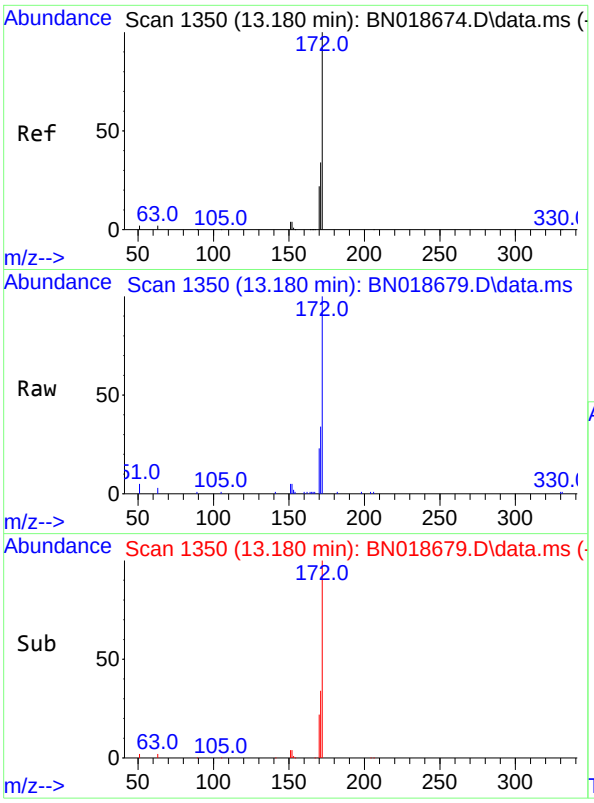


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 16.036 min Scan# 1618
Delta R.T. 0.011 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:330 Resp: 929

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	36.9	21.3	31.9#



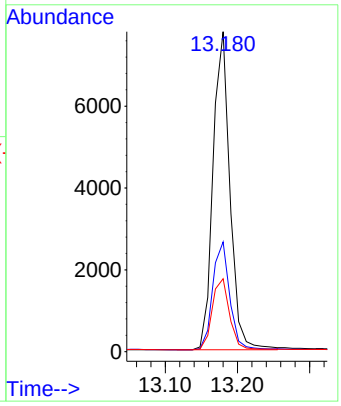


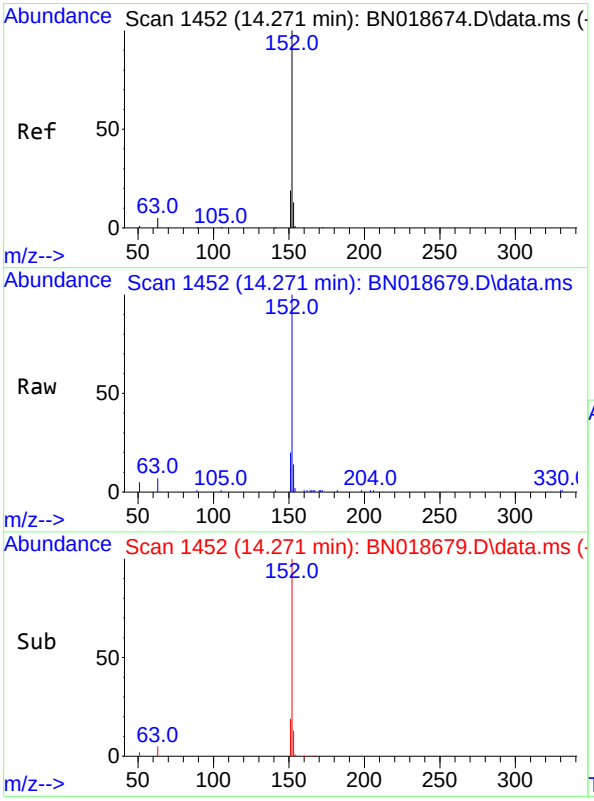
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.180 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:172 Resp: 12640

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.8	18.4	27.6

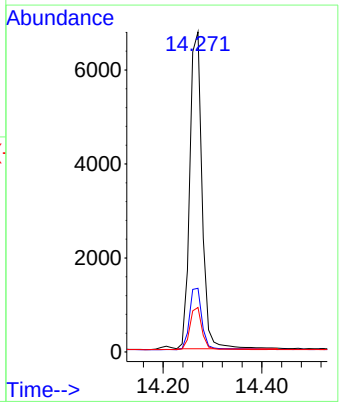


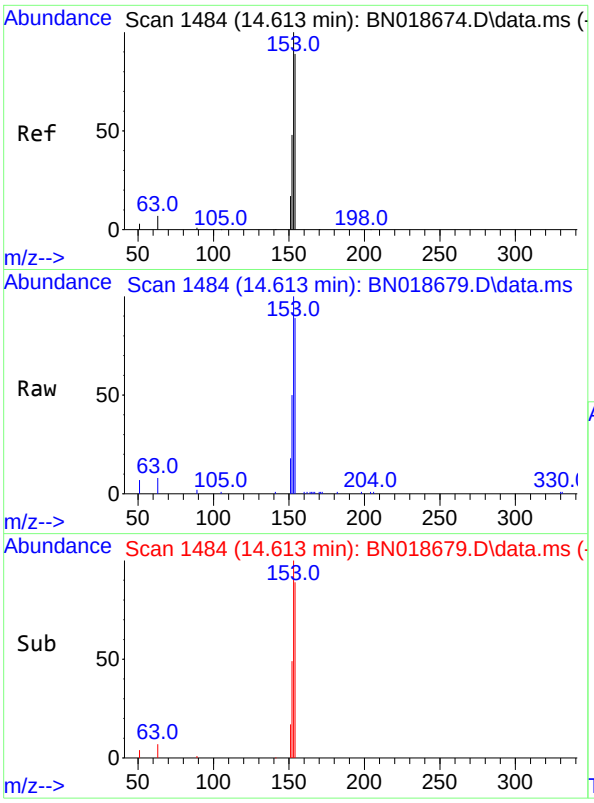


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.271 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:152 Resp: 11665

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	13.4	10.5	15.7



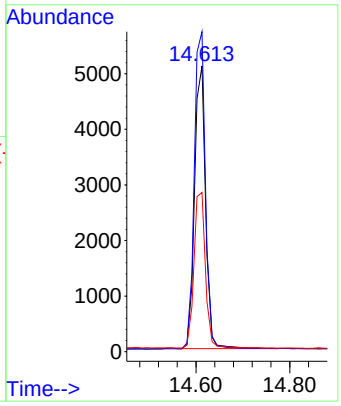


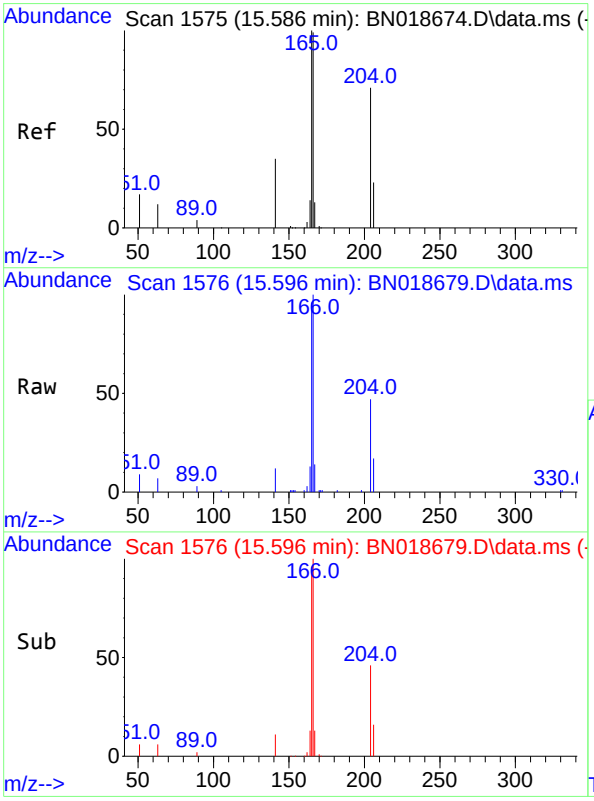
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.613 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:154 Resp: 8310

Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.9	136.3
152	57.4	45.0	67.4

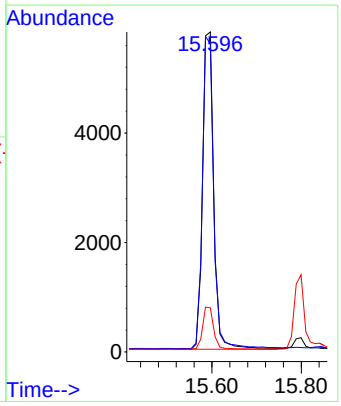


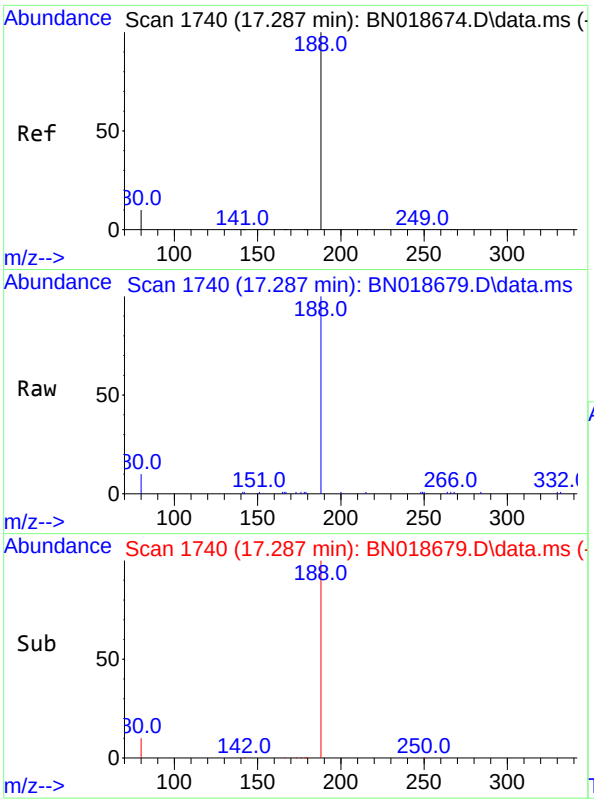


#18
Fluorene
Concen: 0.367 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.011 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:166 Resp: 10014

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	13.3	10.9	16.3



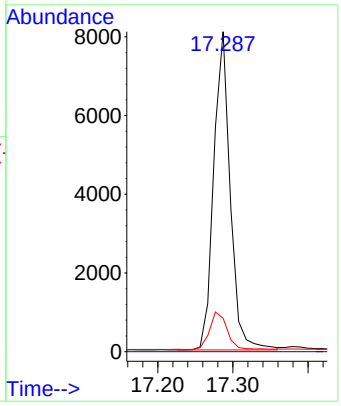


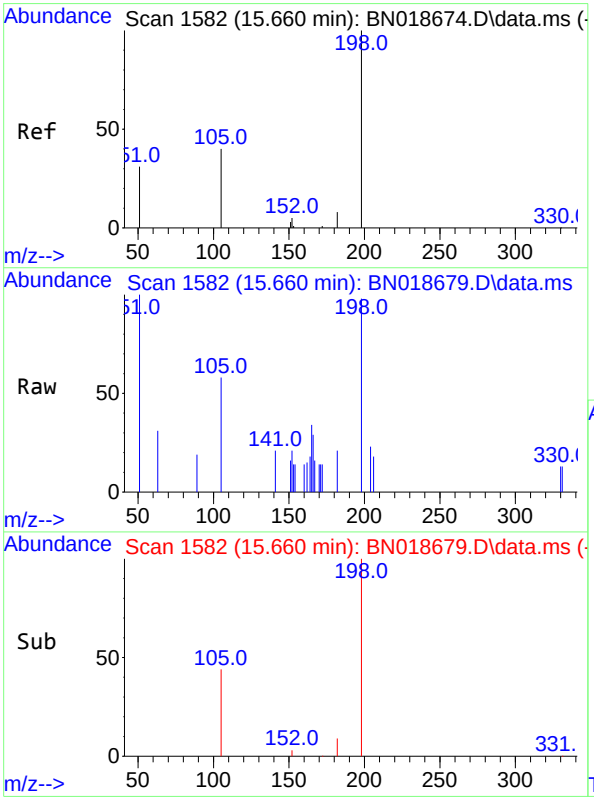
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.287 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:188 Resp: 12292

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.0	10.4

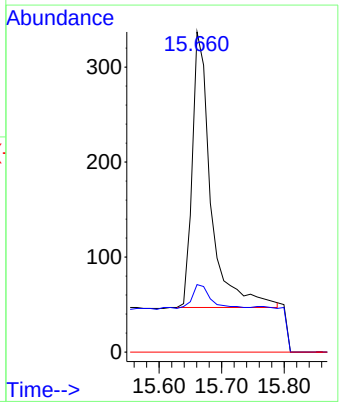


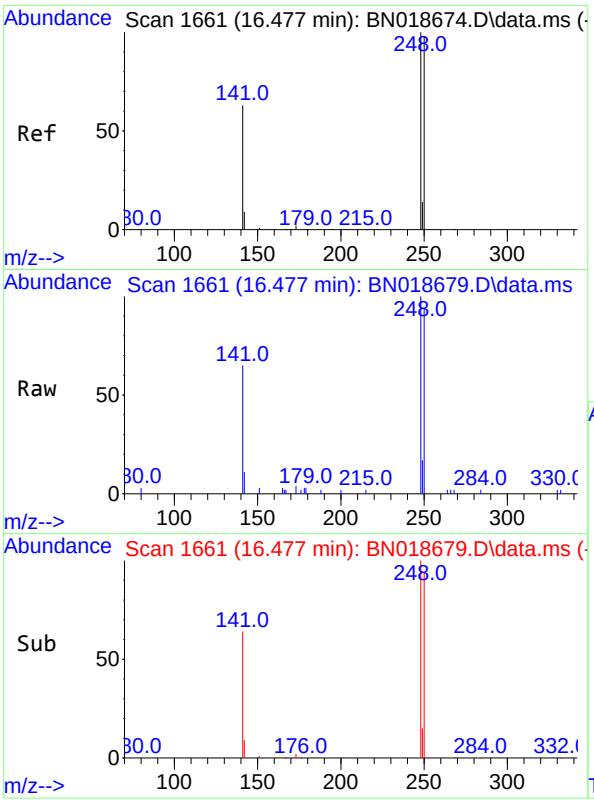


#20
4,6-Dinitro-2-methylphenol
Concen: 0.371 ng
RT: 15.660 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:198 Resp: 600

Ion	Ratio	Lower	Upper
198	100		
182	21.1	15.5	23.3
77	0.0	0.0	0.0



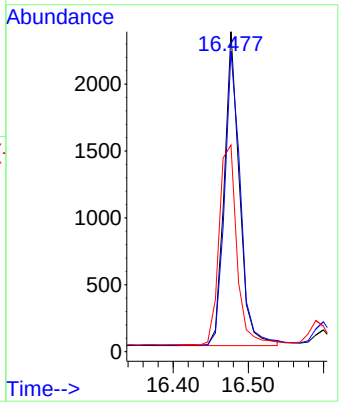


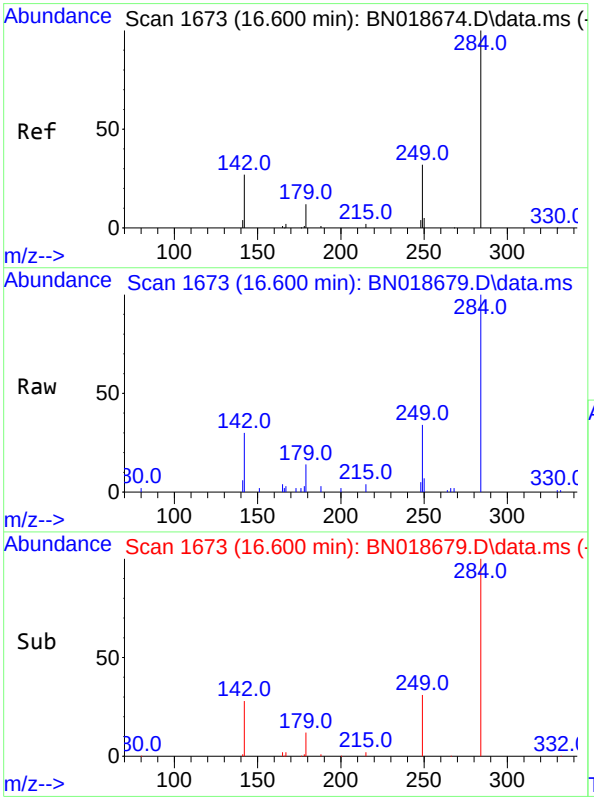
#21
4-Bromophenyl-phenylether
Concen: 0.376 ng
RT: 16.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:248 Resp: 3282

Ion	Ratio	Lower	Upper
248	100		
250	93.9	74.4	111.6
141	64.6	43.7	65.5

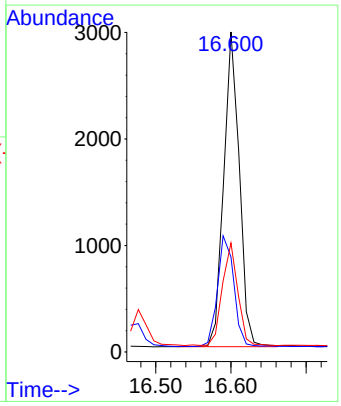


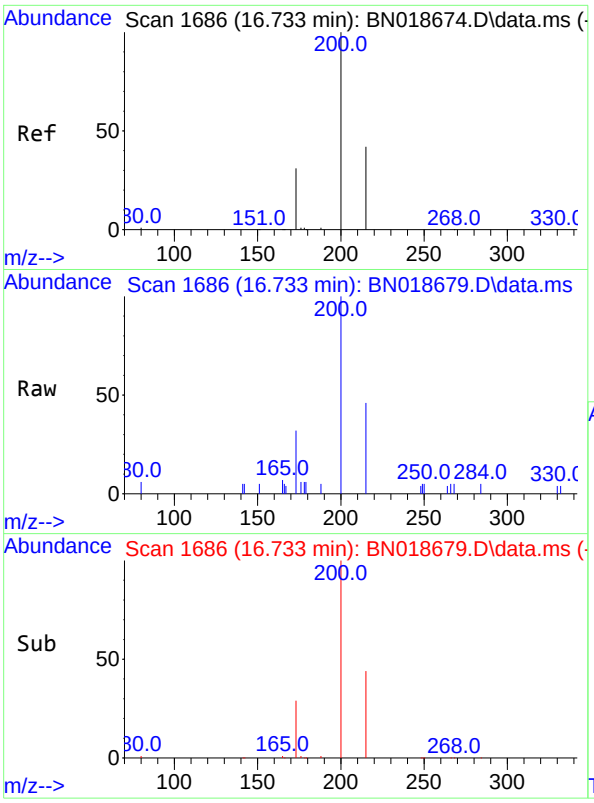


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.600 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:284 Resp: 4257

Ion	Ratio	Lower	Upper
284	100		
142	36.6	21.6	32.4#
249	32.4	23.5	35.3



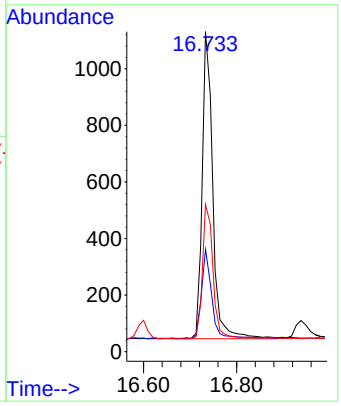


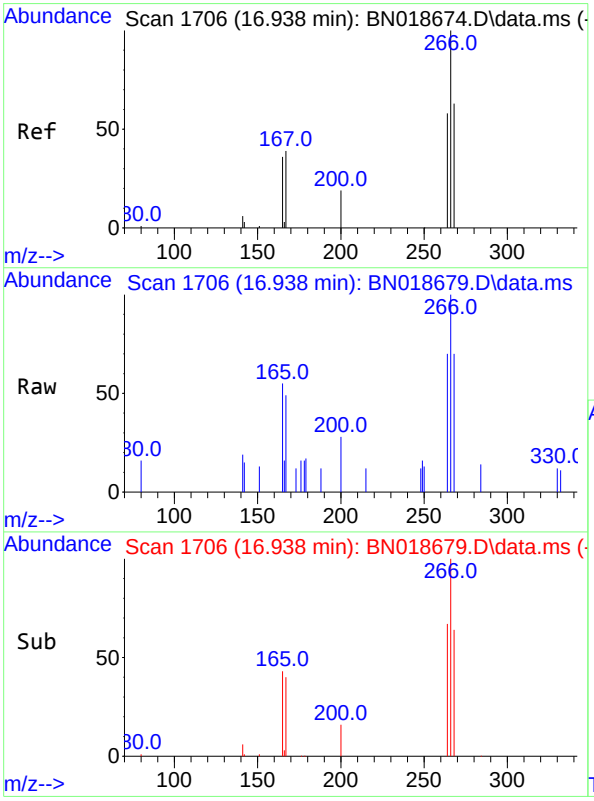
#23
Atrazine
Concen: 0.353 ng
RT: 16.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:200 Resp: 1703

Ion	Ratio	Lower	Upper
200	100		
173	32.0	20.3	30.5#
215	46.1	40.4	60.6

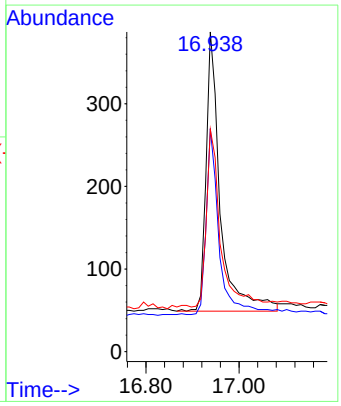


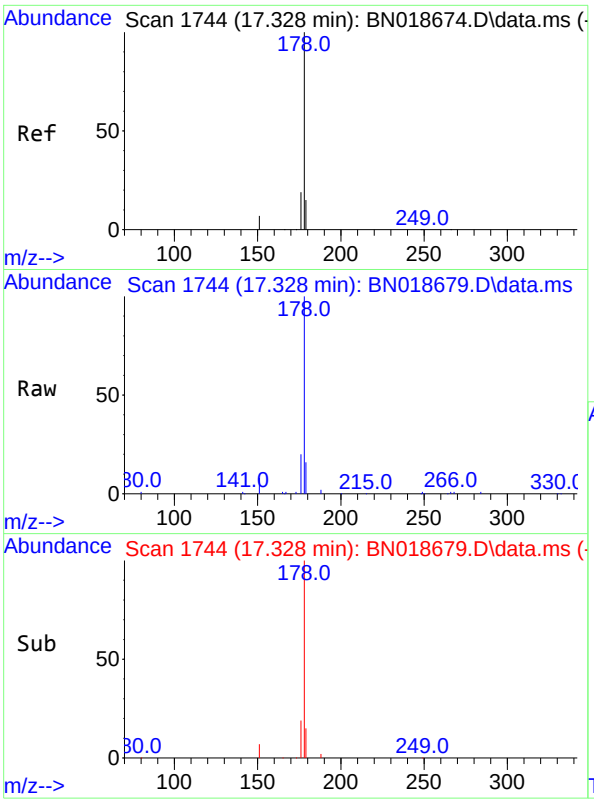


#24
Pentachlorophenol
Concen: 0.361 ng
RT: 16.938 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:266 Resp: 713

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.5	74.3
268	63.3	50.6	76.0



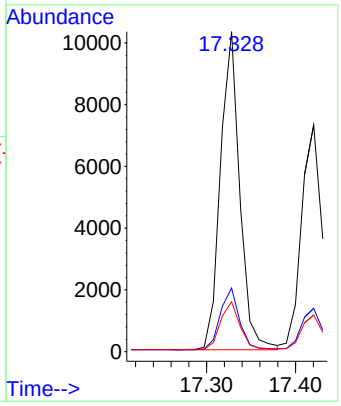


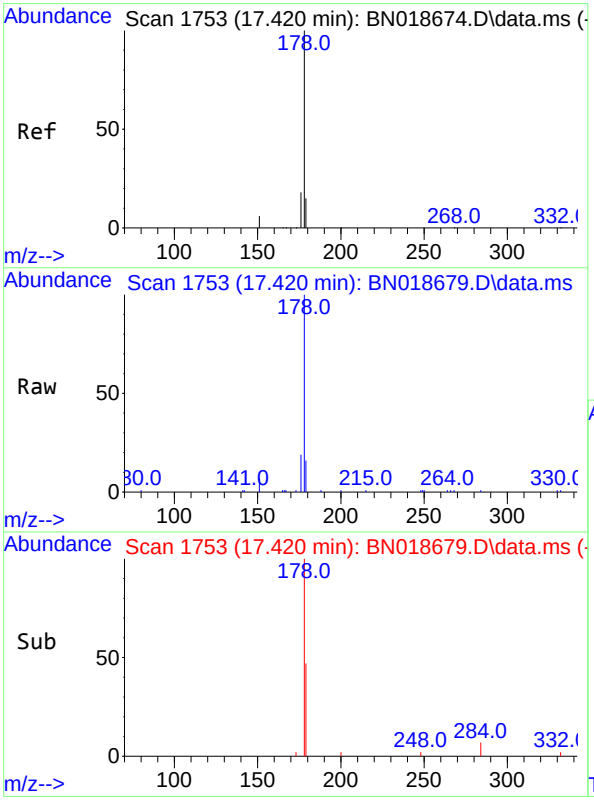
#25
Phenanthrene
Concen: 0.378 ng
RT: 17.328 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:178 Resp: 15569

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.3	18.5

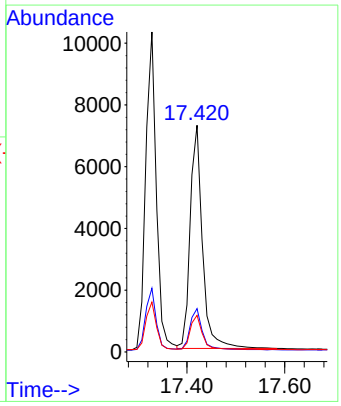


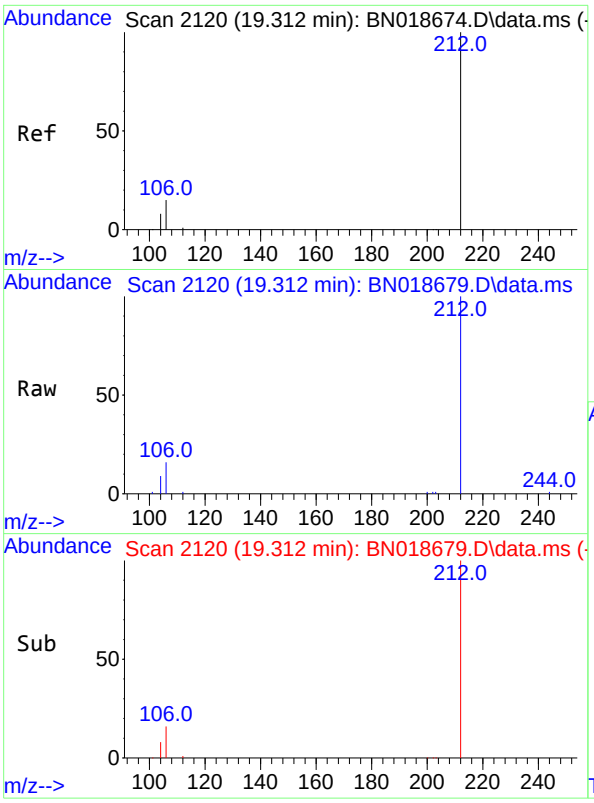


#26
Anthracene
Concen: 0.362 ng
RT: 17.420 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:178 Resp: 12620

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.1	12.2	18.4



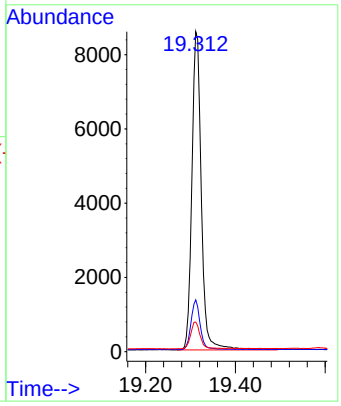


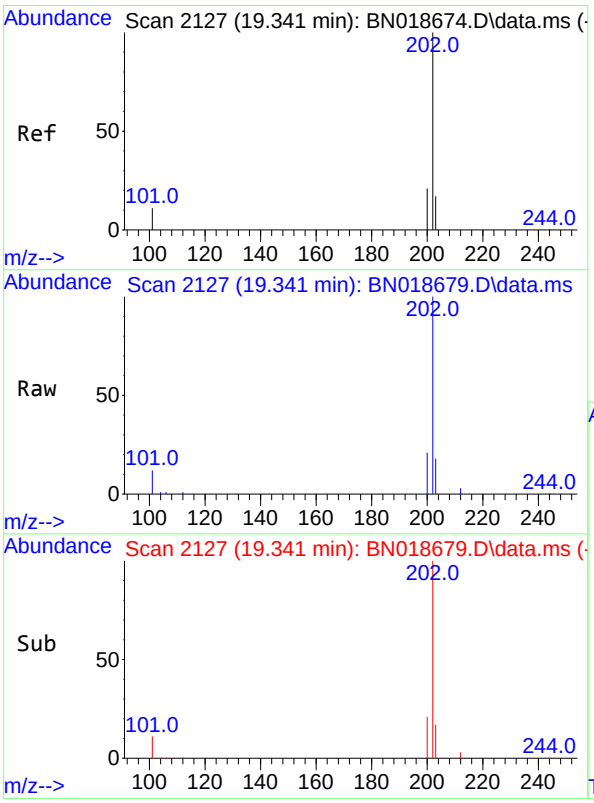
#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.312 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:212 Resp: 12550

Ion	Ratio	Lower	Upper
212	100		
106	15.3	8.4	12.6#
104	8.7	4.5	6.7#

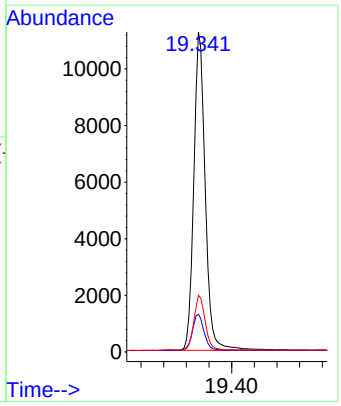


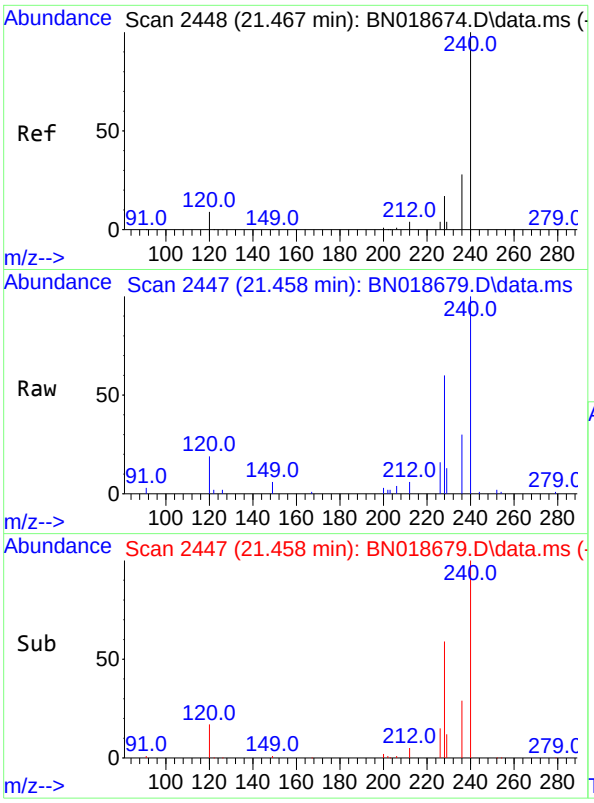


#28
Fluoranthene
Concen: 0.370 ng
RT: 19.341 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:202 Resp: 15910

Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.2	10.8#
203	16.8	13.7	20.5



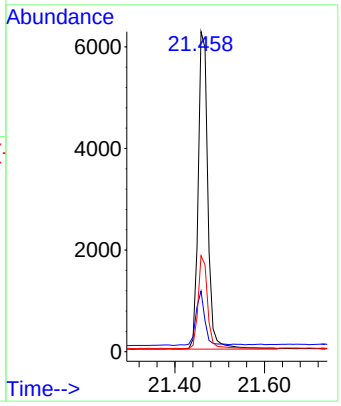


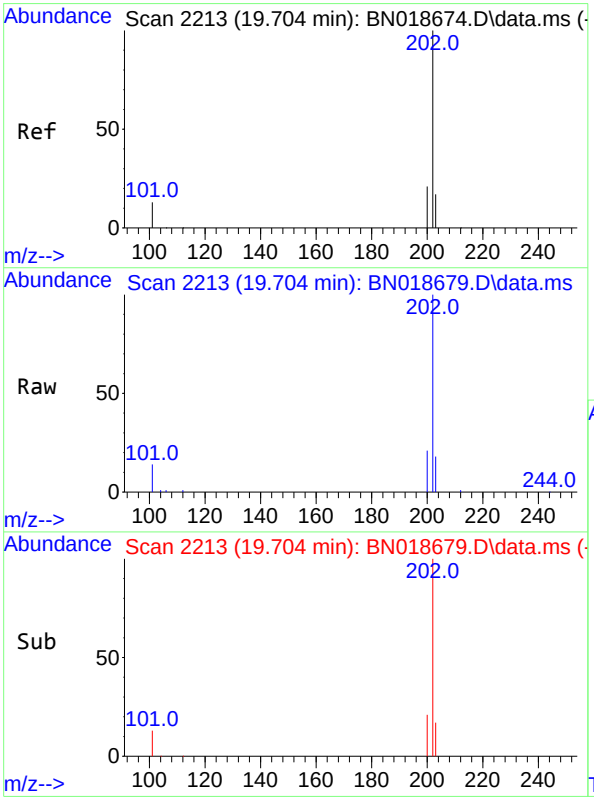
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.458 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:240 Resp: 9388

Ion	Ratio	Lower	Upper
240	100		
120	19.0	6.0	9.0#
236	30.0	21.4	32.2

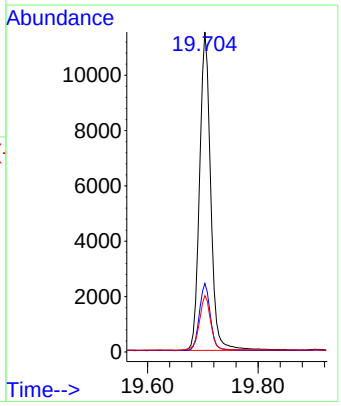


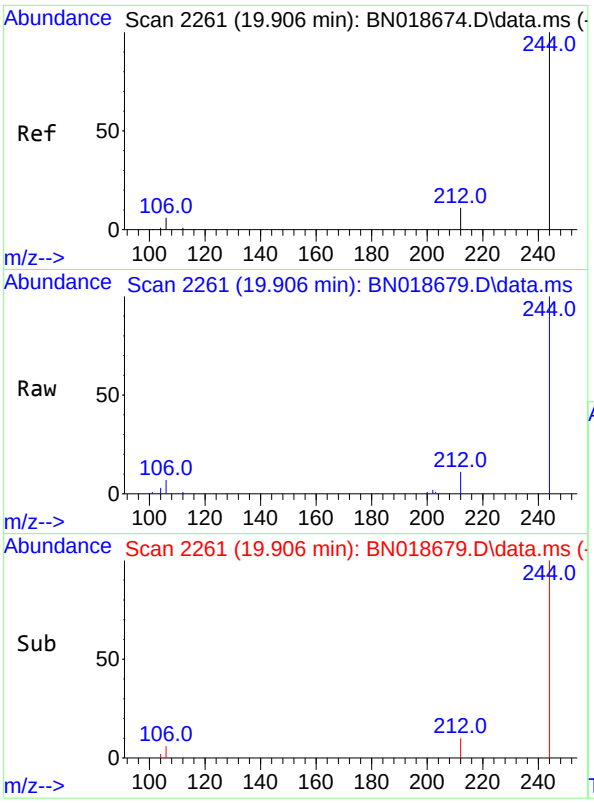


#30
Pyrene
Concen: 0.382 ng
RT: 19.704 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:202 Resp: 15998

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	25.0
203	17.7	14.1	21.1



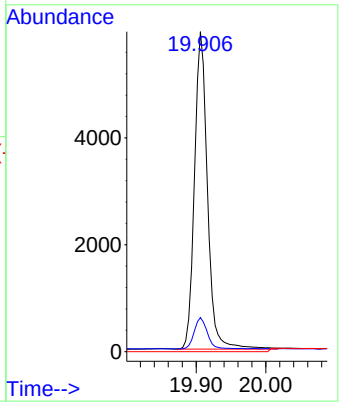


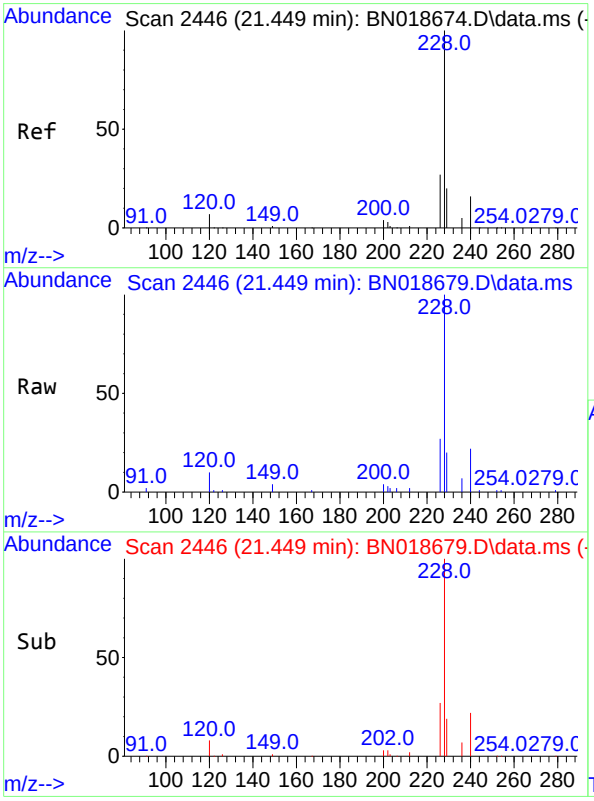
#31
Terphenyl-d14
Concen: 0.390 ng
RT: 19.906 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:244 Resp: 7942

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.2	9.2#
122	0.0	7.9	11.9#

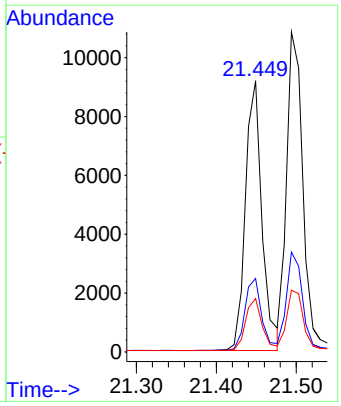


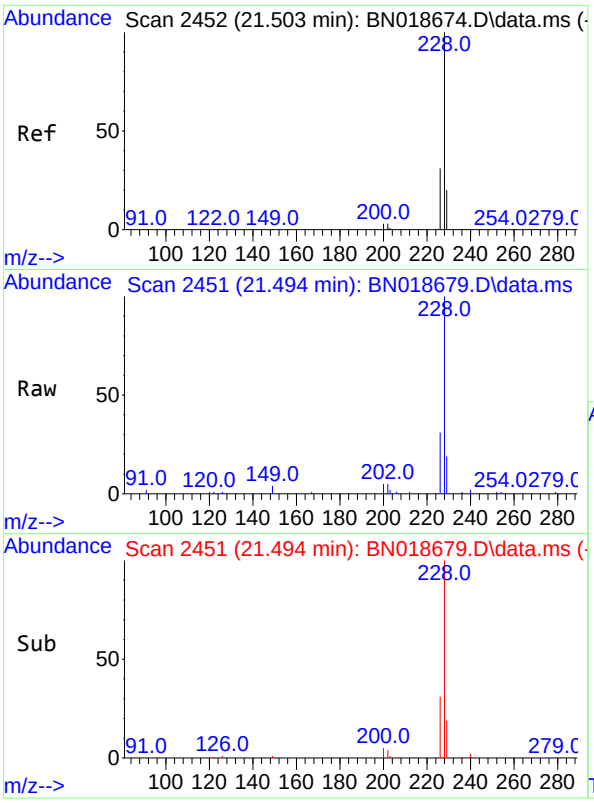


#32
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.449 min Scan# 2446
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:228 Resp: 13213

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.3	31.9
229	19.7	15.9	23.9



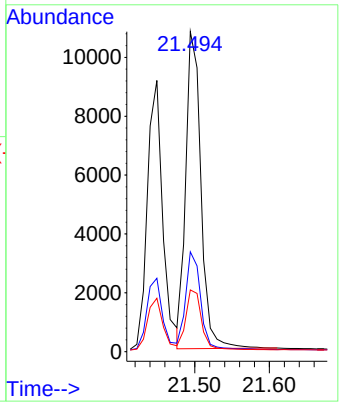


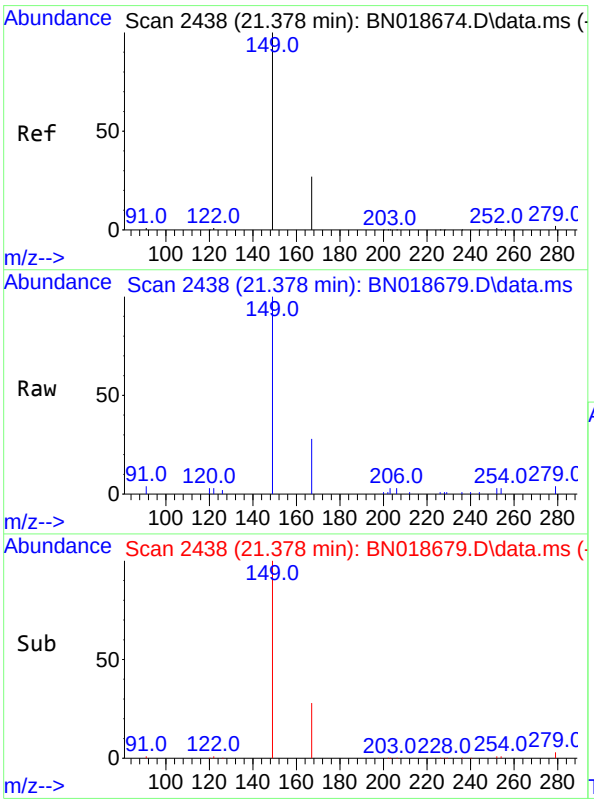
#33
Chrysene
Concen: 0.385 ng
RT: 21.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:228 Resp: 15303

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.4
229	19.3	15.5	23.3

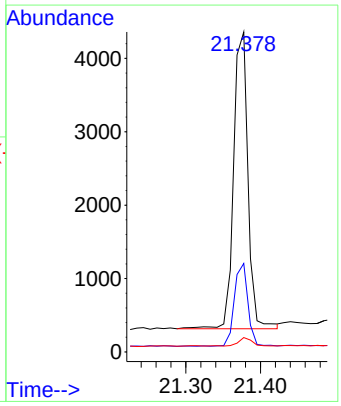


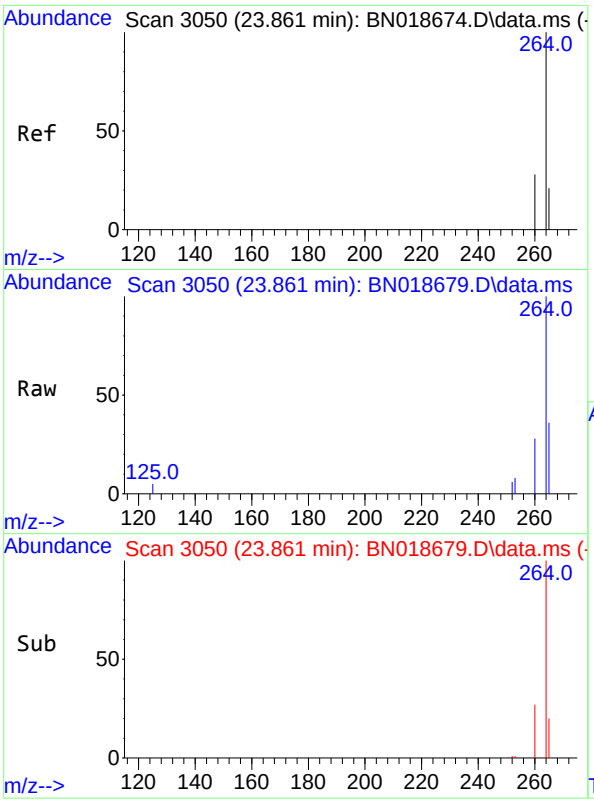


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.378 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:149 Resp: 5377

Ion	Ratio	Lower	Upper
149	100		
167	26.5	23.7	35.5
279	2.6	3.6	5.4#



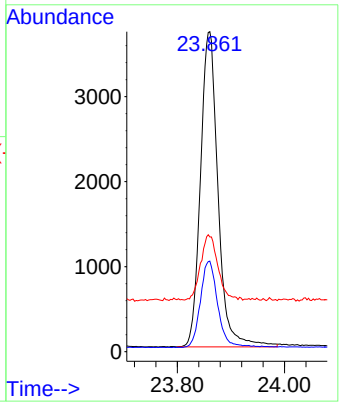


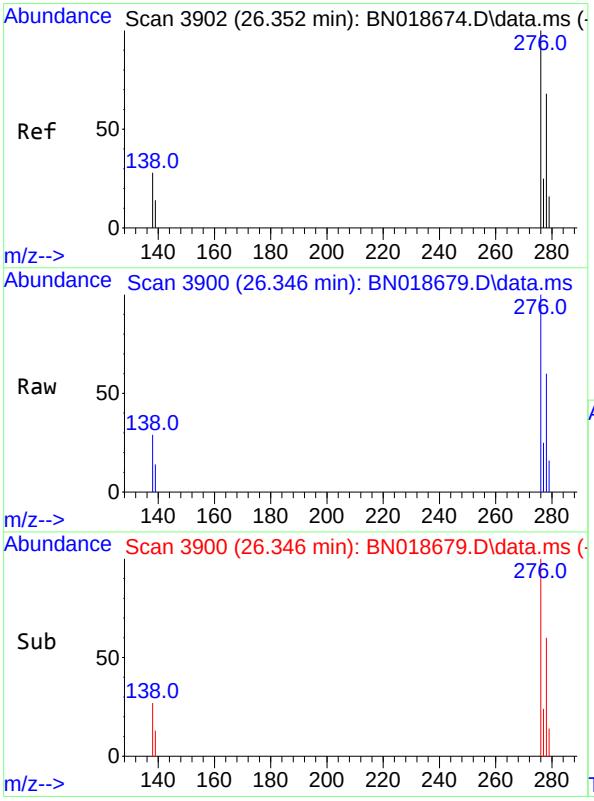
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.861 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:264 Resp: 8428

Ion	Ratio	Lower	Upper
264	100		
260	28.3	20.2	30.4
265	35.9	18.2	27.2#

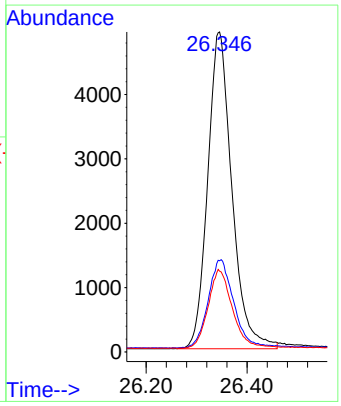


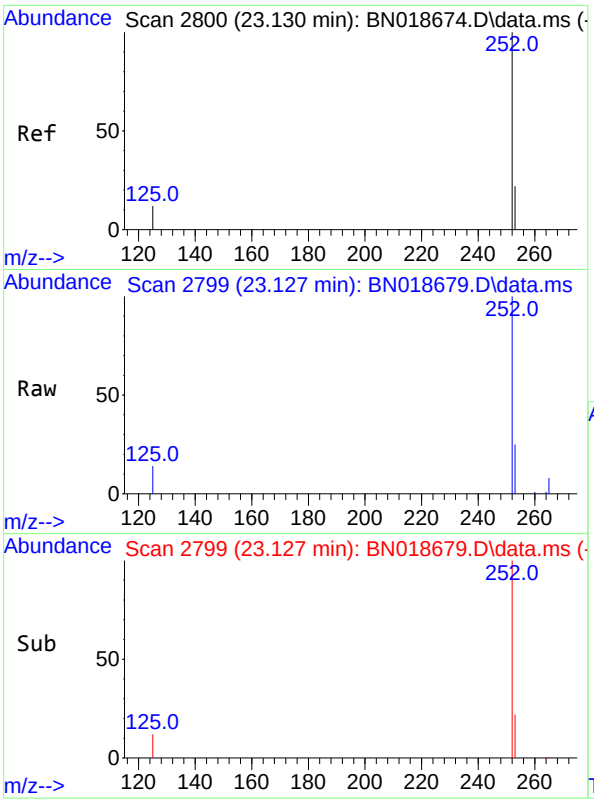


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng
RT: 26.346 min Scan# 3900
Delta R.T. -0.006 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:276 Resp: 16411

Ion	Ratio	Lower	Upper
276	100		
138	29.4	14.9	22.3#
277	25.0	19.9	29.9



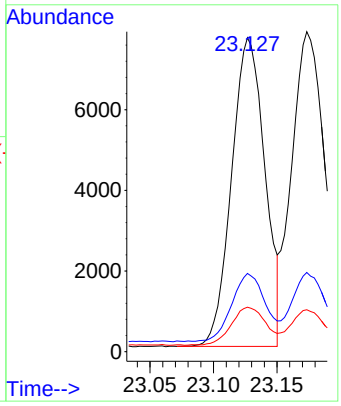


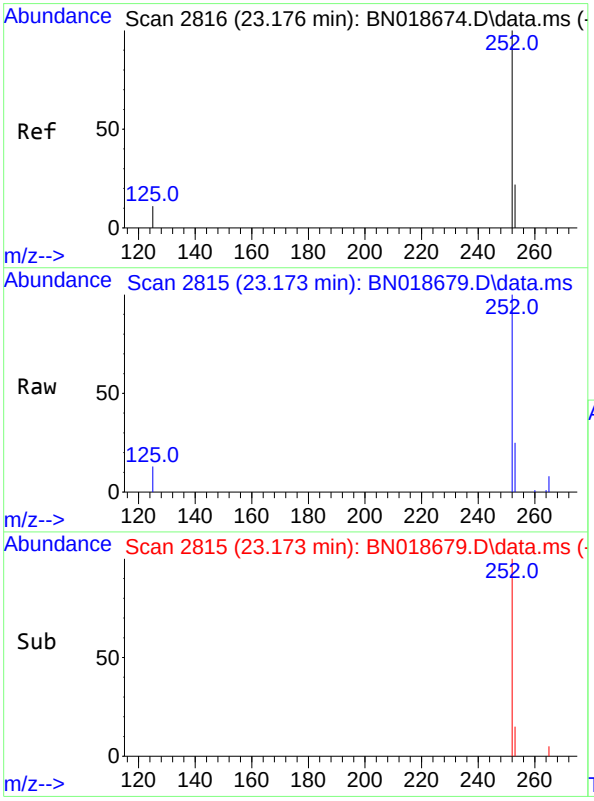
#37
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 23.127 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:252 Resp: 13952

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.6
125	14.2	6.0	9.0#

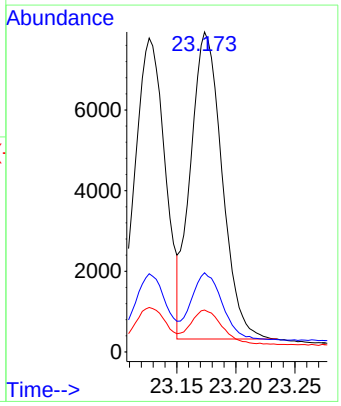


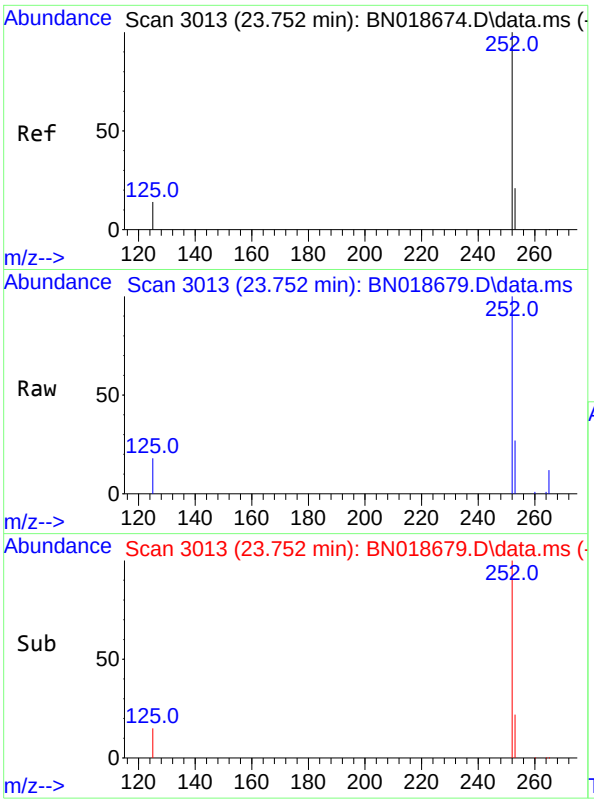


#38
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.173 min Scan# 2815
Delta R.T. -0.003 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:252 Resp: 14116

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	13.1	6.2	9.2#



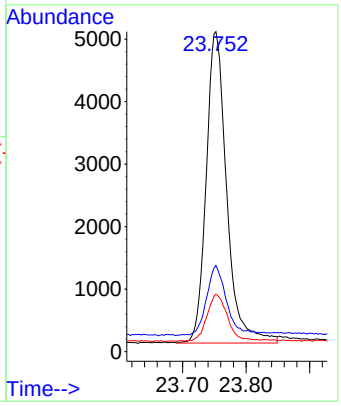


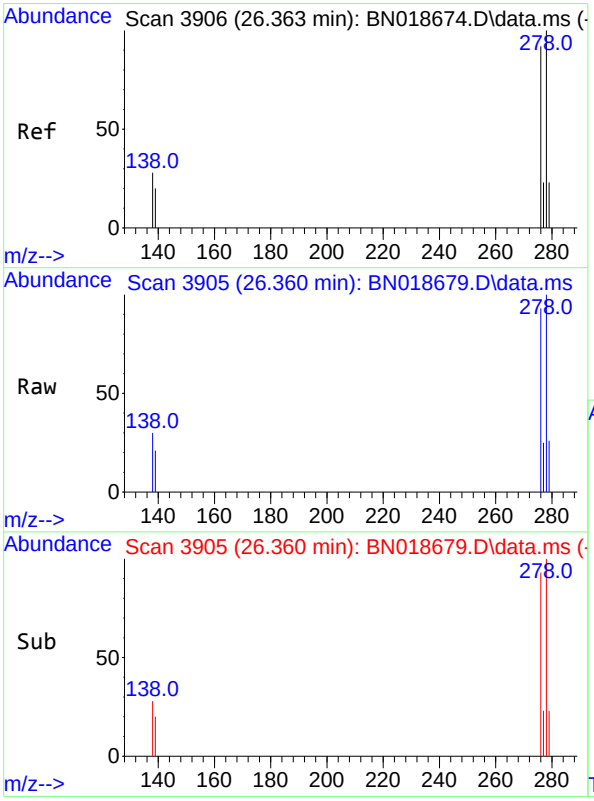
#39
Benzo(a)pyrene
Concen: 0.366 ng
RT: 23.752 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:252 Resp: 11178

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.8	26.6#
125	17.9	7.0	10.4#

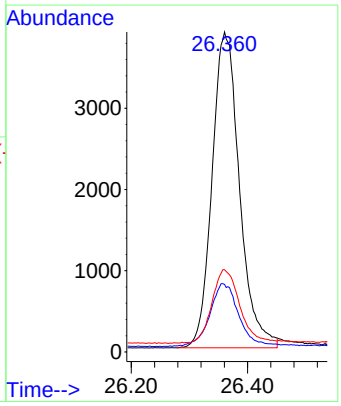


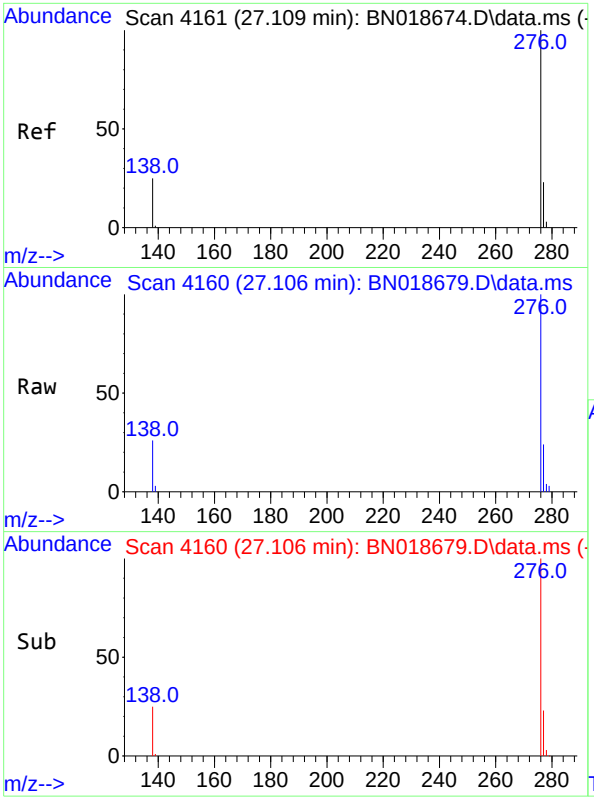


#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 26.360 min Scan# 3905
Delta R.T. -0.003 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Tgt Ion:278 Resp: 12729

Ion	Ratio	Lower	Upper
278	100		
139	21.1	10.8	16.2#
279	25.7	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 27.106 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN018679.D
Acq: 22 Feb 2022 16:14

Instrument :
BNA_N
ClientSampleId :
ICVBN022222

Tgt Ion:276 Resp: 14078

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	26.3	12.6	19.0#