Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
Data File : BN018021.D
Acq On : 15 Dec 2021 12:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 16 03:43:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.679	152	26112	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	102320	0.400	ng		#-0.01
13) Acenaphthene-d10	14.307	164	59163	0.400	ng		-0.01
19) Phenanthrene-d10	17.066	188	116626	0.400	ng		0.00
29) Chrysene-d12	21.270	240	116375	0.400	ng		0.00
35) Perylene-d12	23.546	264	102494	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	22355	0.395	ng		0.00
5) Phenol-d6	6.859	99	21881	0.386	ng		0.00
8) Nitrobenzene-d5	8.822	82	22295	0.307	ng		-0.01
11) 2-Methylnaphthalene-d10	12.061	152	64580	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	7915	0.400	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	81710	0.396	ng		0.00
27) Fluoranthene-d10	19.103	212	140948	0.362	ng		0.00
31) Terphenyl-d14	19.713	244	93983	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	7246	0.445	ng	#	60
3) n-Nitrosodimethylamine	3.558	42	8518	0.350	ng		98
6) bis(2-Chloroethyl)ether	7.108	93	26217	0.391	ng		100
9) Naphthalene	10.508	128	98034	0.382	ng		100
10) Hexachlorobutadiene	10.812	225	26743	0.378	ng	#	100
12) 2-Methylnaphthalene	12.136	142	62232	0.388	ng		100
16) Acenaphthylene	14.028	152	78919	0.323	ng		100
17) Acenaphthene	14.370	154	59901	0.385	ng		99
18) Fluorene	15.360	166	71347	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	525	0.247	ng	#	64
21) 4-Bromophenyl-phenylether	16.263	248	24317	0.344	ng	#	90
22) Hexachlorobenzene	16.373	284	32291	0.383	ng		100
23) Atrazine	16.543	200	13846	0.308	ng		98
24) Pentachlorophenol	16.738	266	4348	0.432	ng		99
25) Phenanthrene	17.103	178	115778	0.390	ng		100
26) Anthracene	17.200	178	91414	0.341	ng		100
28) Fluoranthene	19.132	202	141768	0.383	ng		100
30) Pyrene	19.495	202	143186	0.375	ng		100
32) Benzo(a)anthracene	21.249	228	120444	0.344	ng		99
33) Chrysene	21.302	228	146362	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.196	149	36405	0.212	ng		99
36) Indeno(1,2,3-cd)pyrene	25.884	276	106614	0.311	ng		99
37) Benzo(b)fluoranthene	22.858	252	118460	0.389	ng		100
38) Benzo(k)fluoranthene	22.903	252	117512	0.396	ng		100
39) Benzo(a)pyrene	23.447	252	112245	0.362	ng		100
40) Dibenzo(a,h)anthracene	25.904	278	77378	0.289	ng		99
41) Benzo(g,h,i)perylene	26.596	276	101221	0.315	ng		100

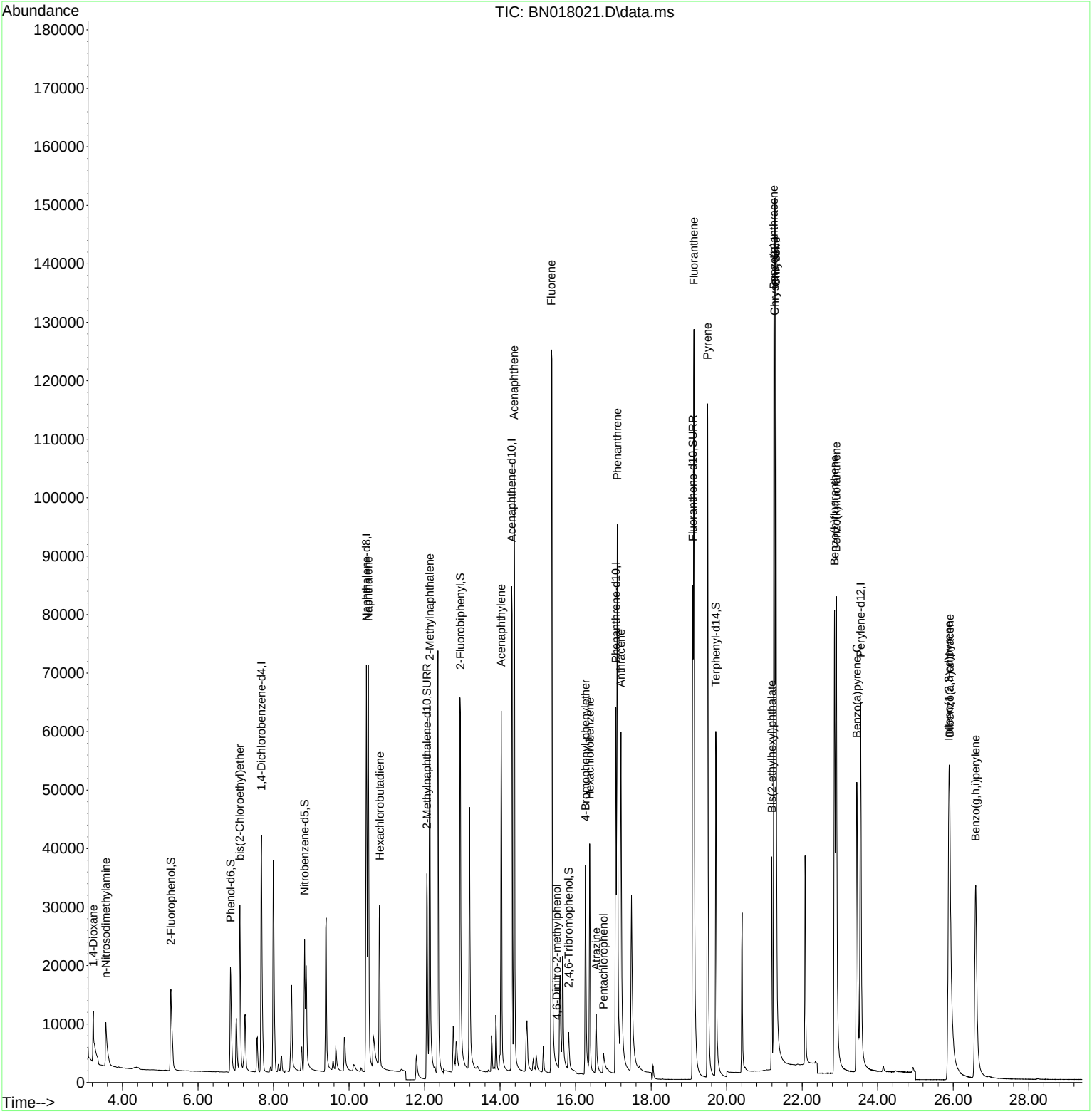
(#) = qualifier out of range (m) = manual integration (+) = signals summed

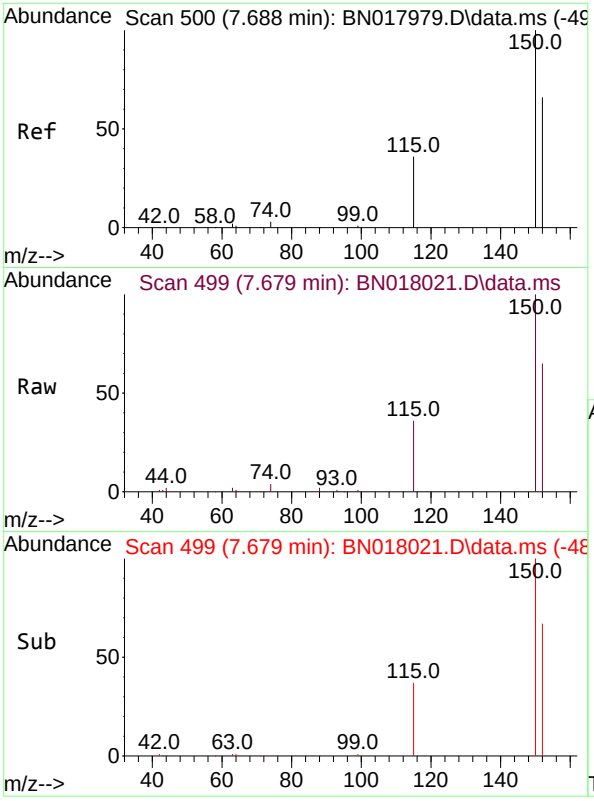
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121521\
Data File : BN018021.D
Acq On : 15 Dec 2021 12:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 16 03:43:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration



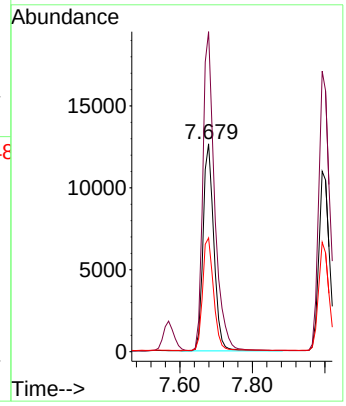


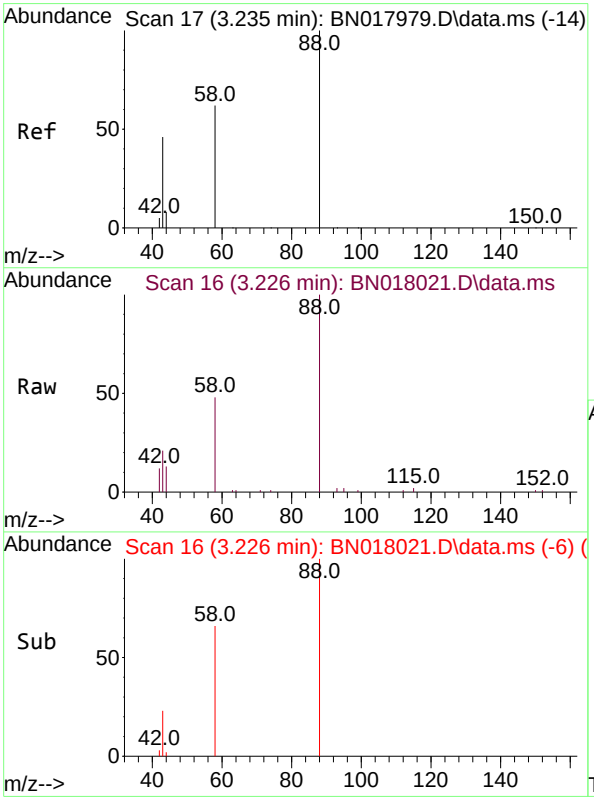
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.679 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 26112

Ion	Ratio	Lower	Upper
152	100		
150	153.9	121.7	182.5
115	54.7	43.8	65.8

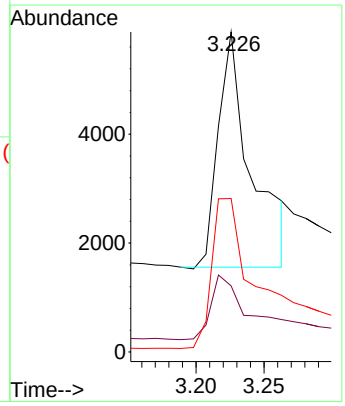


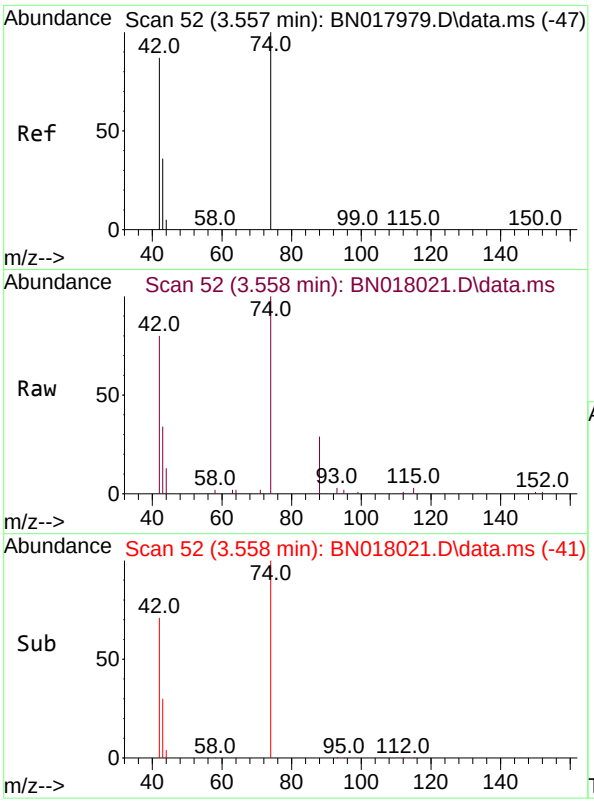


#2
1,4-Dioxane
Concen: 0.445 ng
RT: 3.226 min Scan# 16
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion: 88 Resp: 7246

Ion	Ratio	Lower	Upper
88	100		
43	31.5	69.7	104.5#
58	80.1	83.8	125.8#



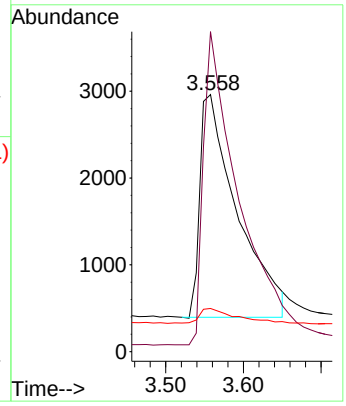


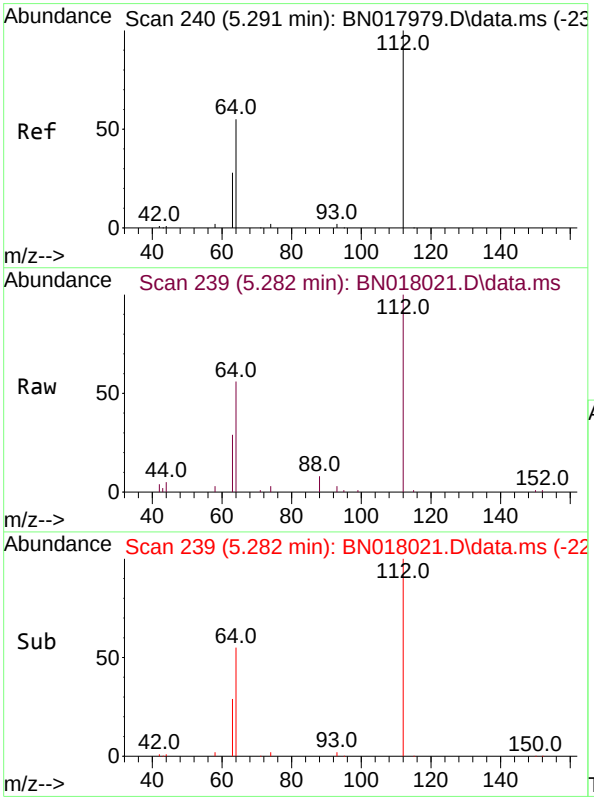
#3
n-Nitrosodimethylamine
Concen: 0.350 ng
RT: 3.558 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 8518

Ion	Ratio	Lower	Upper
42	100		
74	133.3	108.6	163.0
44	6.1	5.8	8.8

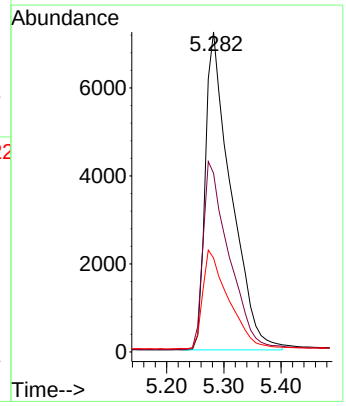


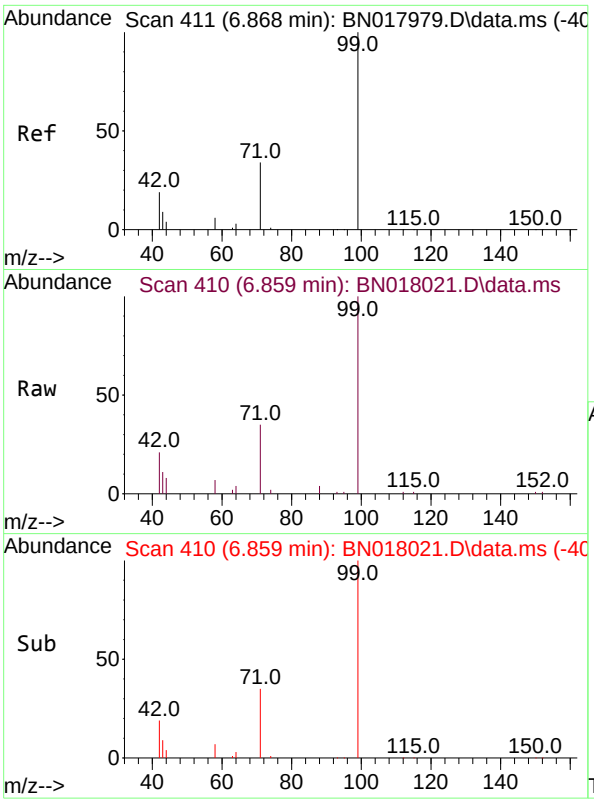


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.282 min Scan# 239
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:112 Resp: 22355

Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.0	72.0
63	31.5	25.3	37.9



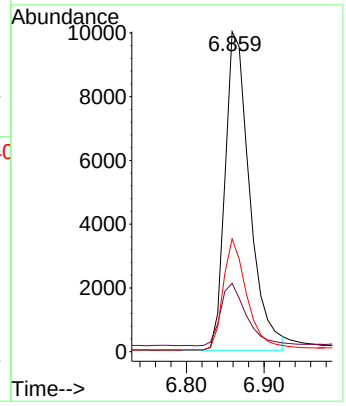


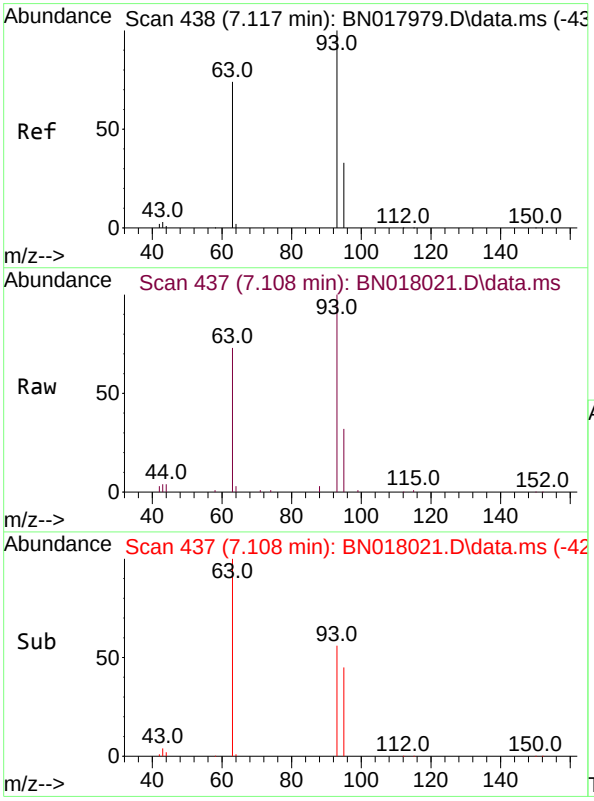
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.859 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 21881

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	33.7	26.8	40.2

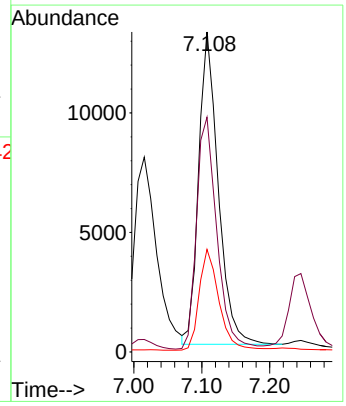


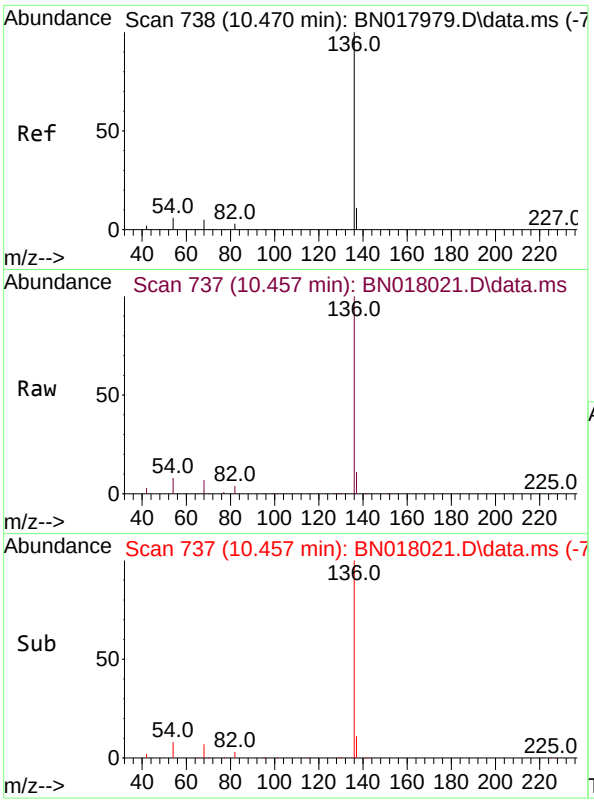


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.108 min Scan# 437
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion: 93 Resp: 26217

Ion	Ratio	Lower	Upper
93	100		
63	77.1	61.7	92.5
95	32.6	26.2	39.4



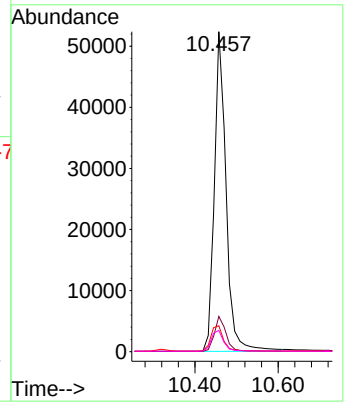


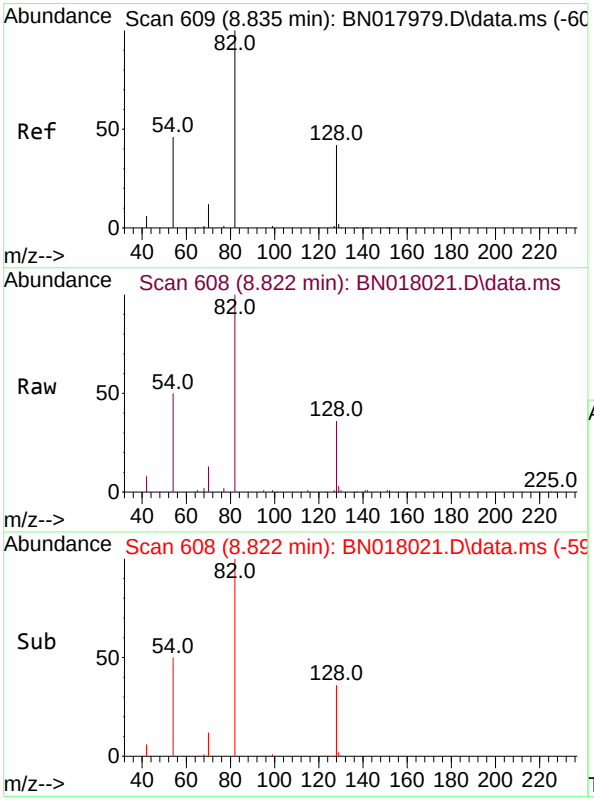
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 102320

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	5.0	7.6#
68	6.6	4.4	6.6#

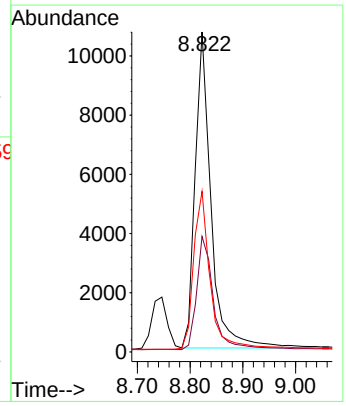


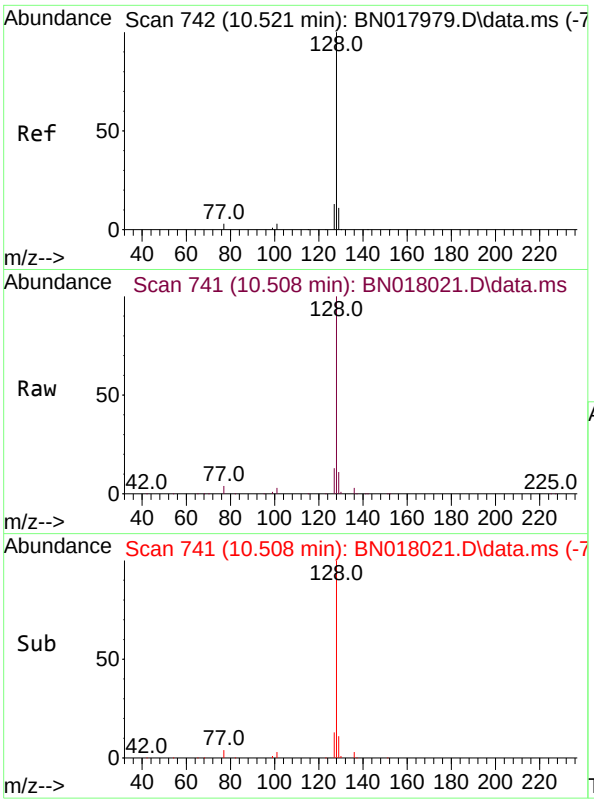


#8
Nitrobenzene-d5
Concen: 0.307 ng
RT: 8.822 min Scan# 608
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion: 82 Resp: 22295

Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.7	50.5
54	50.2	36.6	55.0



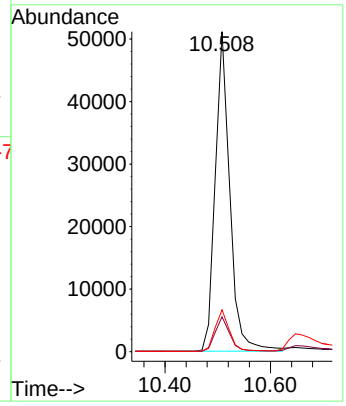


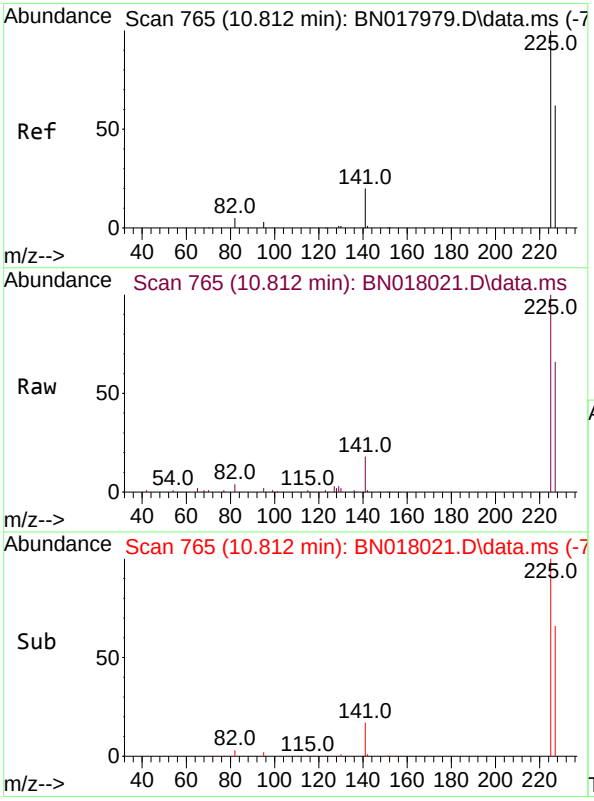
#9
Naphthalene
Concen: 0.382 ng
RT: 10.508 min Scan# 7
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 98034

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.1	10.4	15.6

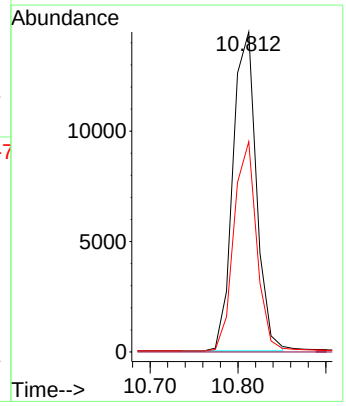


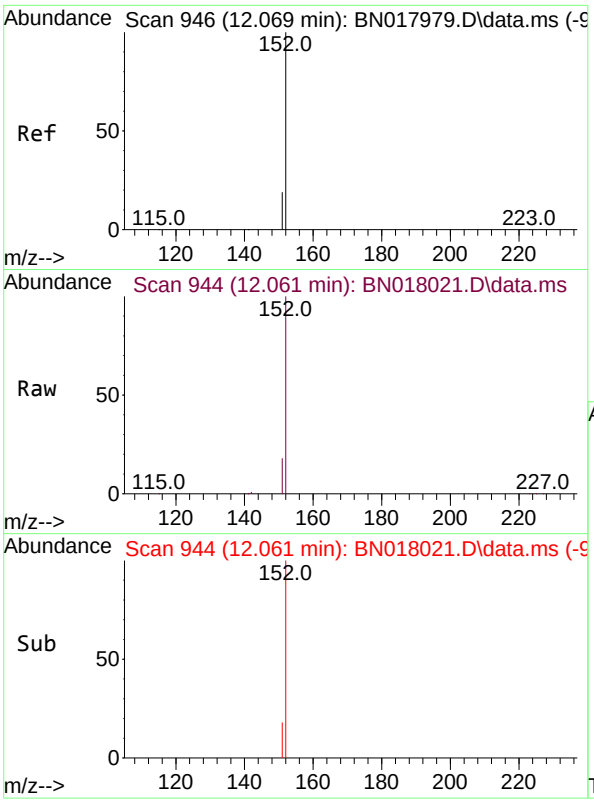


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.812 min Scan# 765
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:225 Resp: 26743

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



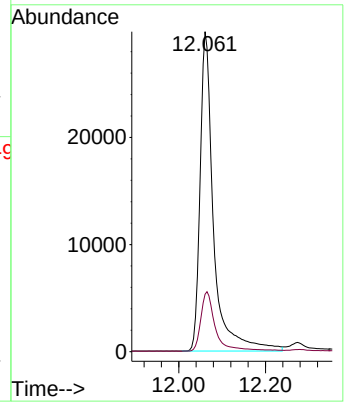


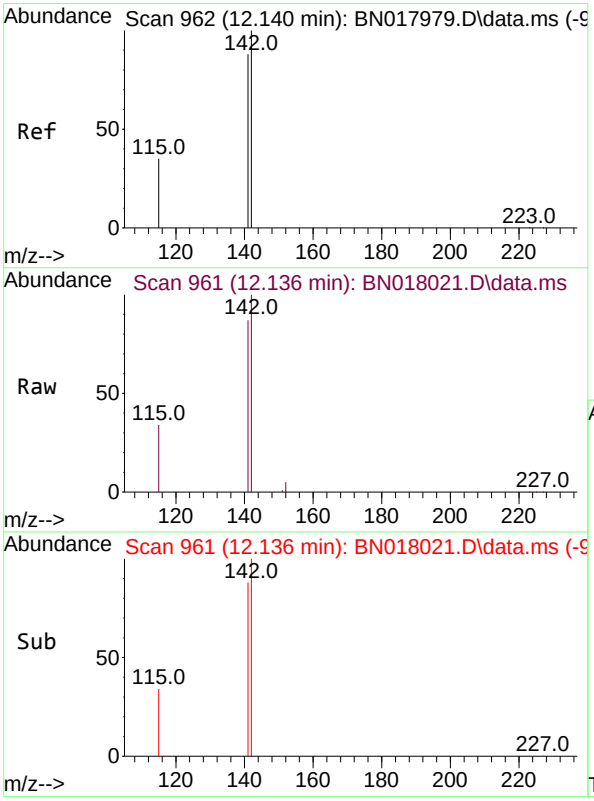
#11
2-Methylnaphthalene-d10
Concen: 0.381 ng
RT: 12.061 min Scan# 94
Delta R.T. -0.009 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 64580

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

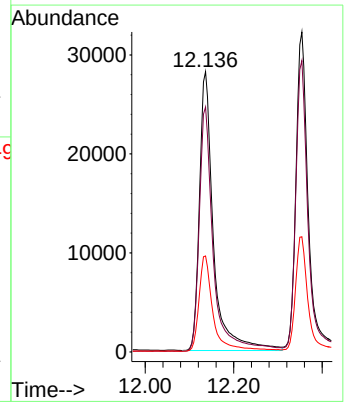


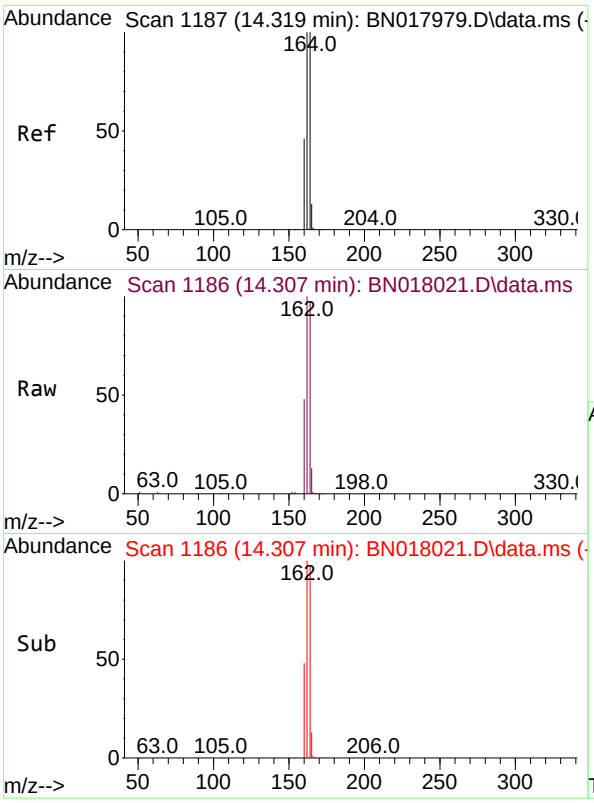


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.136 min Scan# 961
Delta R.T. -0.004 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:142 Resp: 62232

Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.0	105.0
115	34.3	27.8	41.8



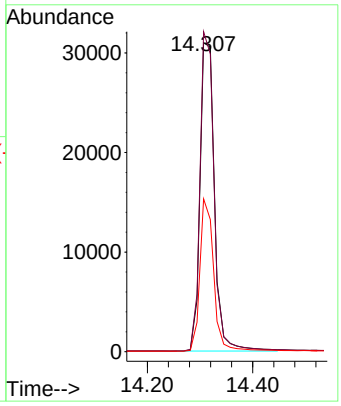


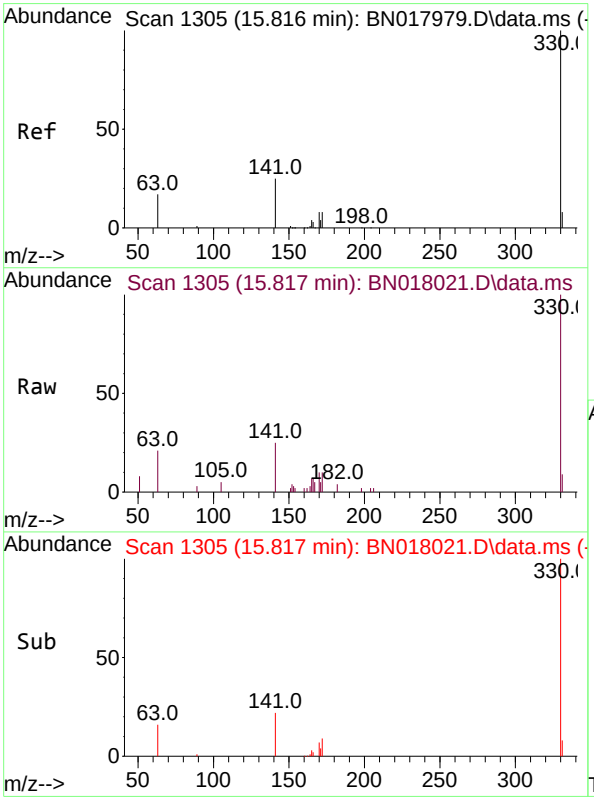
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.307 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 59163

Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	49.4	36.9	55.3

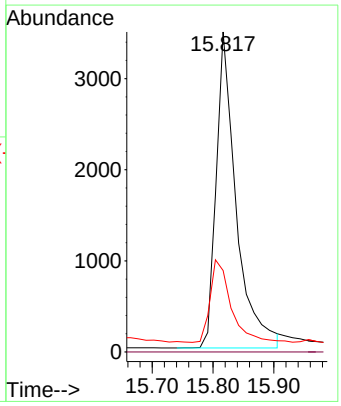


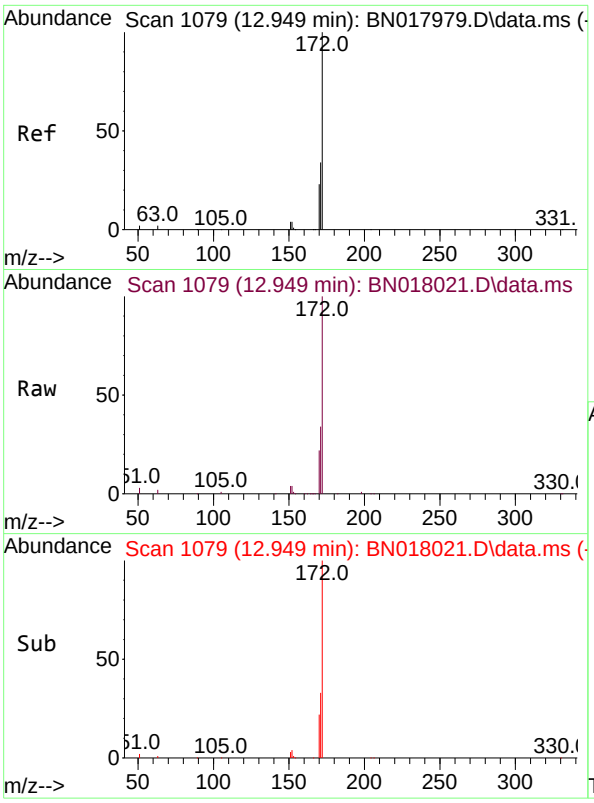


#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.817 min Scan# 1305
Delta R.T. 0.001 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:330 Resp: 7915

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.2	21.3	31.9



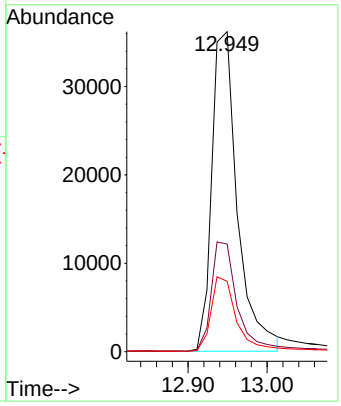


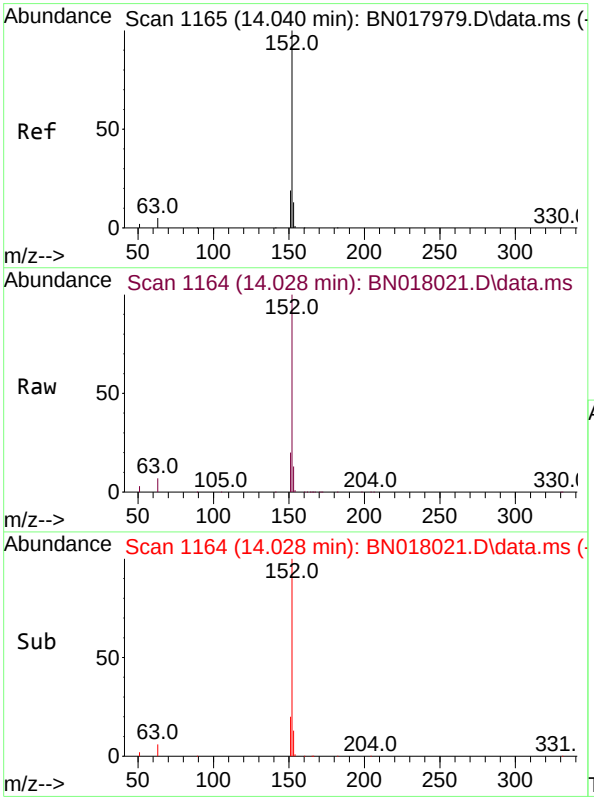
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.949 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 81710

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	22.0	18.4	27.6

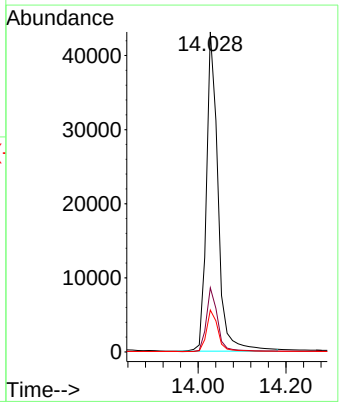


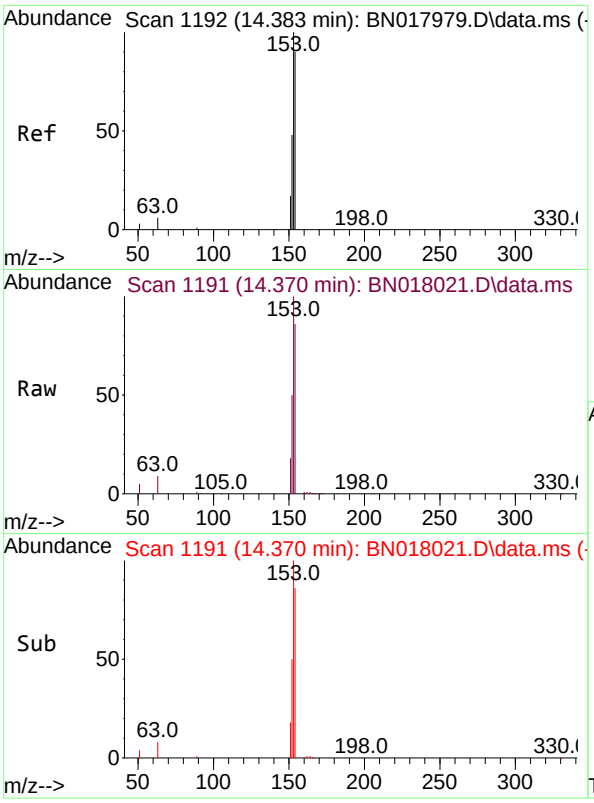


#16
Acenaphthylene
Concen: 0.323 ng
RT: 14.028 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:152 Resp: 78919

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.1	10.5	15.7



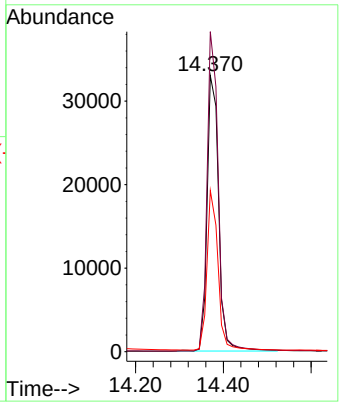


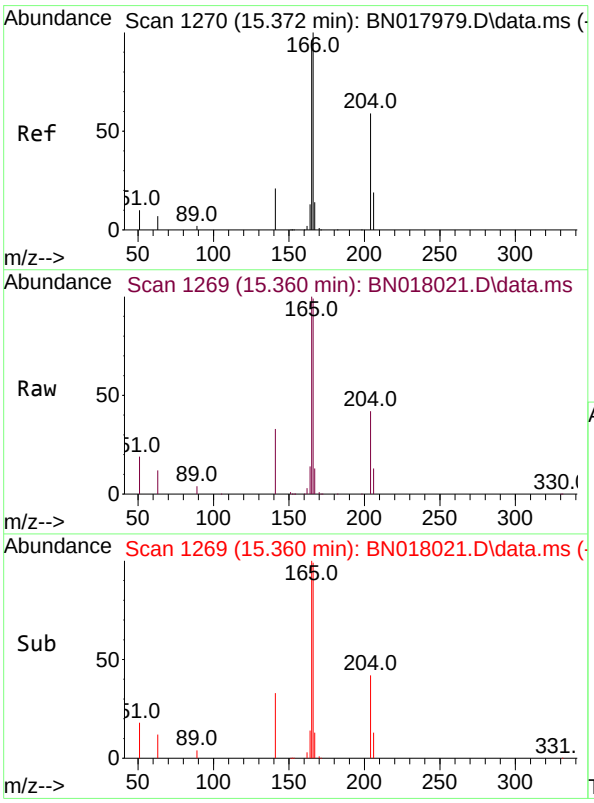
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.370 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 59901

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.9	136.3
152	55.0	45.0	67.4

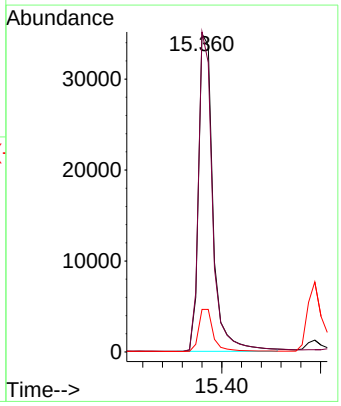


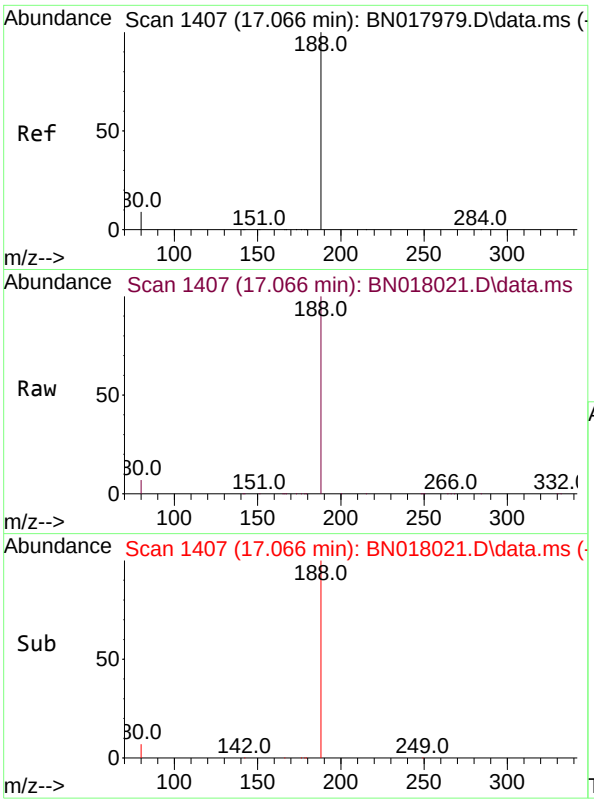


#18
Fluorene
Concen: 0.374 ng
RT: 15.360 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:166 Resp: 71347

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.5	10.9	16.3



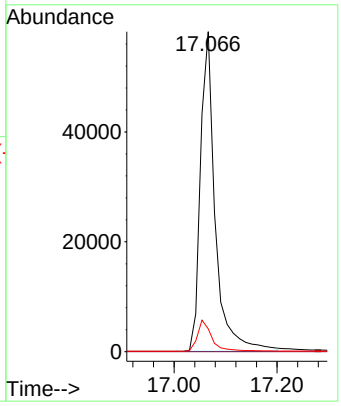


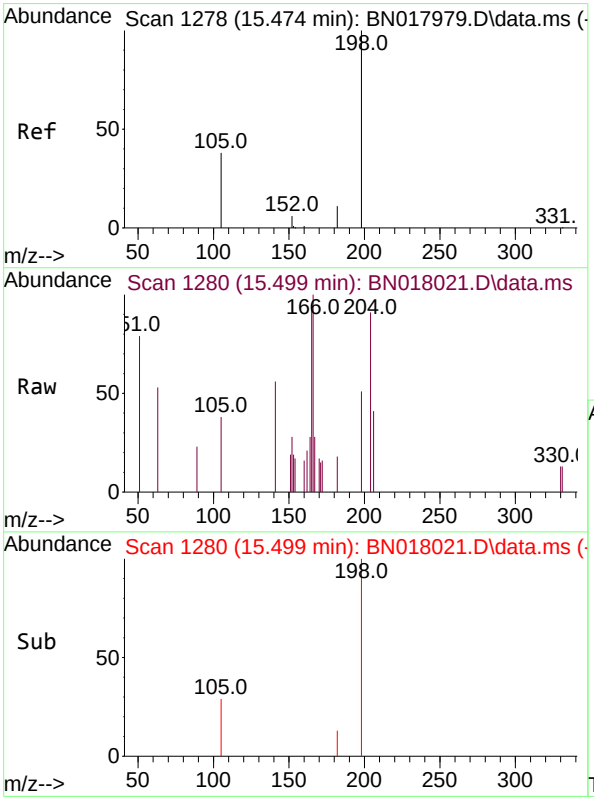
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 116626

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	7.0	10.4

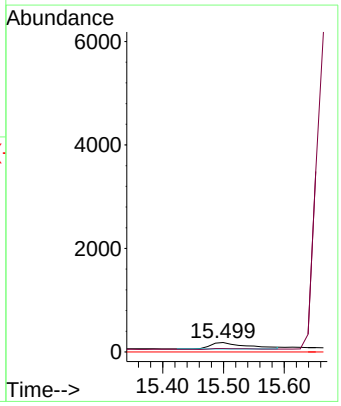


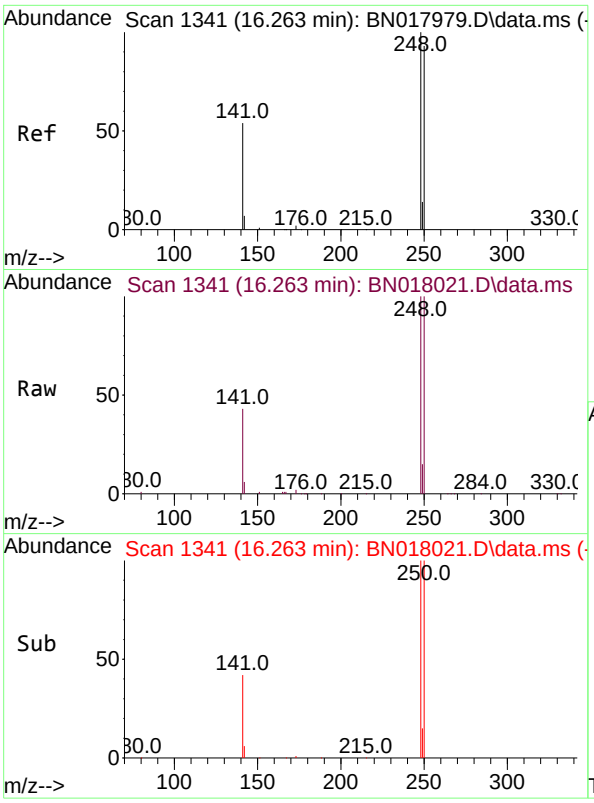


#20
4,6-Dinitro-2-methylphenol
Concen: 0.247 ng
RT: 15.499 min Scan# 1280
Delta R.T. 0.025 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:198 Resp: 525

Ion	Ratio	Lower	Upper
198	100		
182	35.9	15.5	23.3#
77	0.0	0.0	0.0



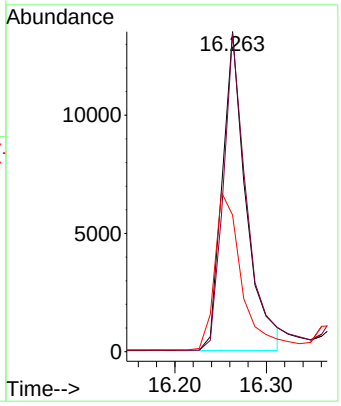


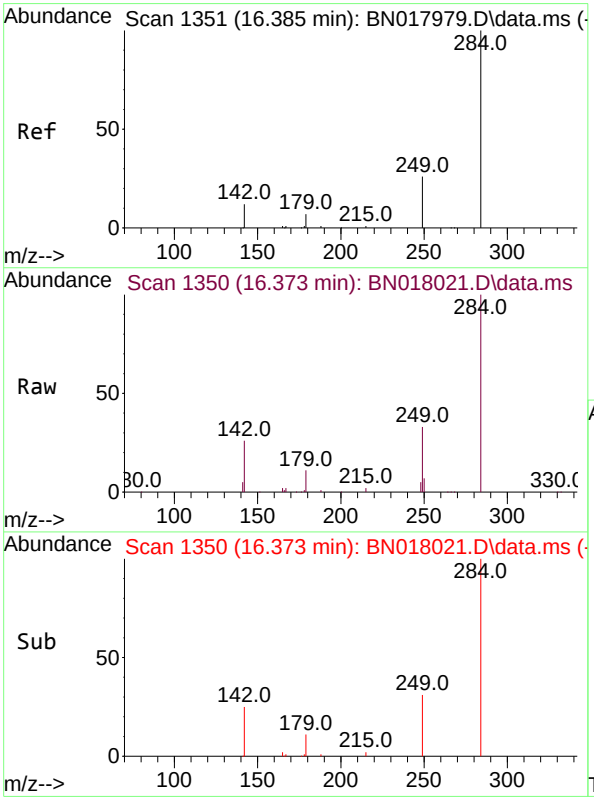
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.263 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 24317

Ion	Ratio	Lower	Upper
248	100		
250	99.6	74.4	111.6
141	42.7	43.7	65.5#

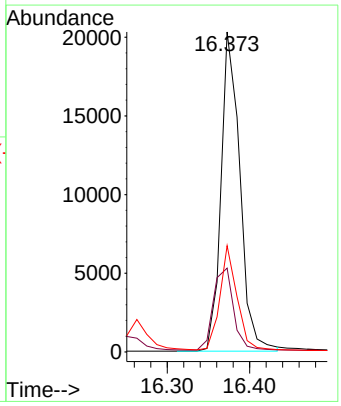


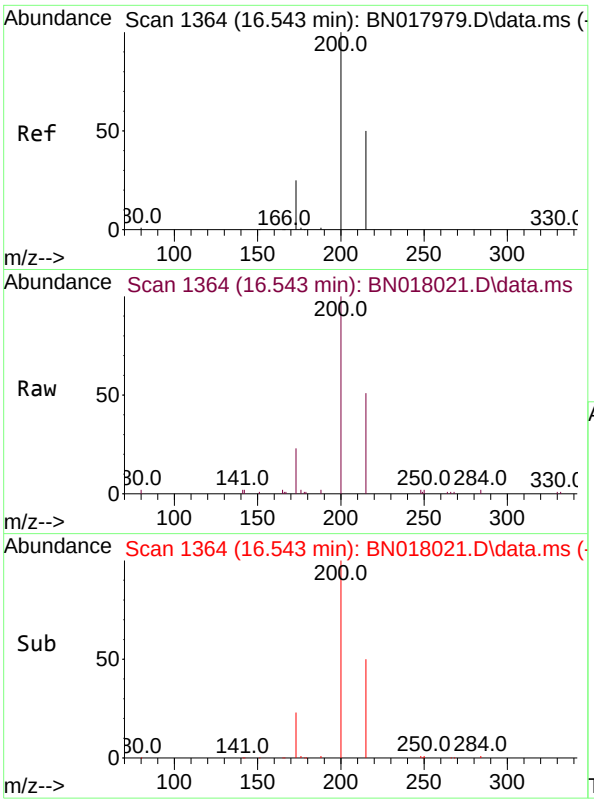


#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.373 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:284 Resp: 32291

Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	29.3	23.5	35.3



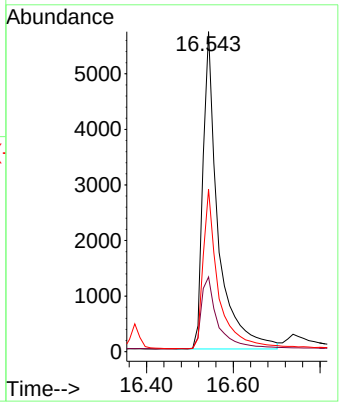


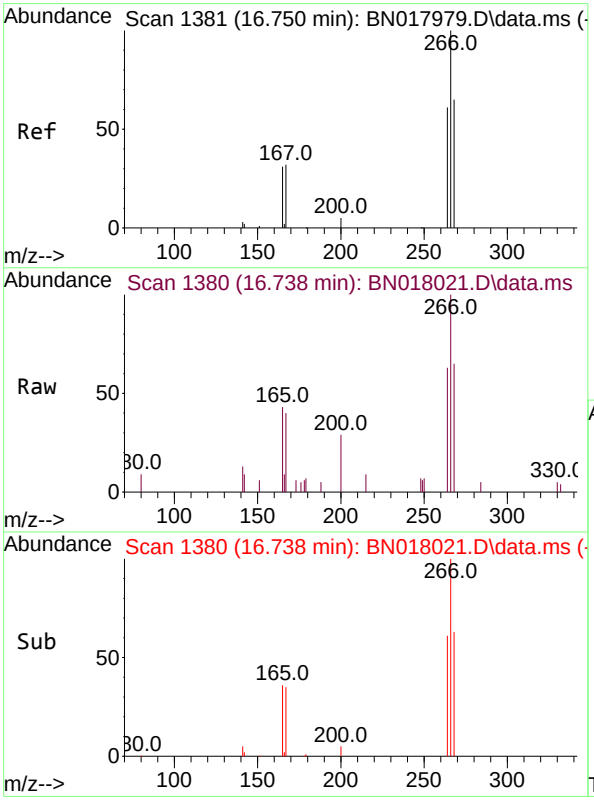
#23
Atrazine
Concen: 0.308 ng
RT: 16.543 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 13846

Ion	Ratio	Lower	Upper
200	100		
173	23.4	20.3	30.5
215	50.7	40.4	60.6

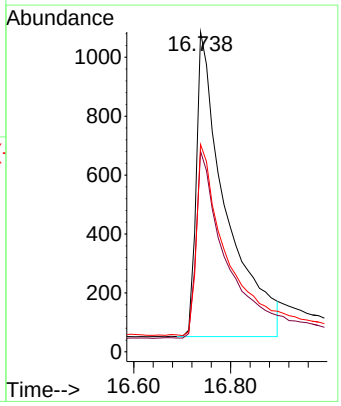


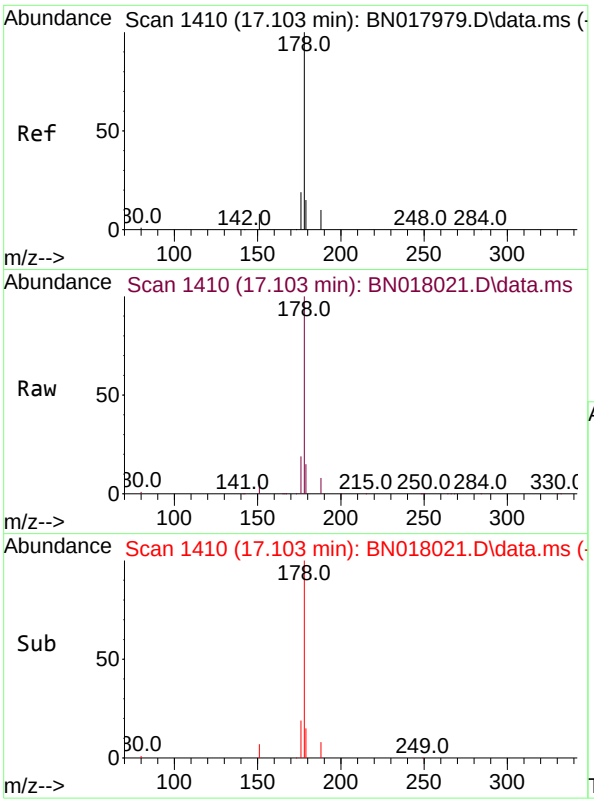


#24
Pentachlorophenol
Concen: 0.432 ng
RT: 16.738 min Scan# 1380
Delta R.T. -0.012 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:266 Resp: 4348

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.5	74.3
268	63.4	50.6	76.0



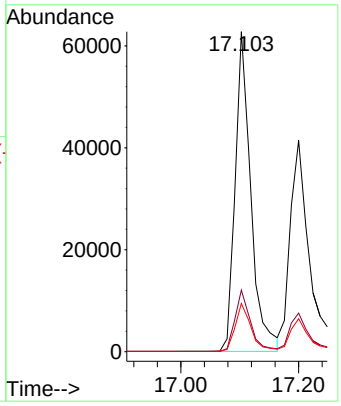


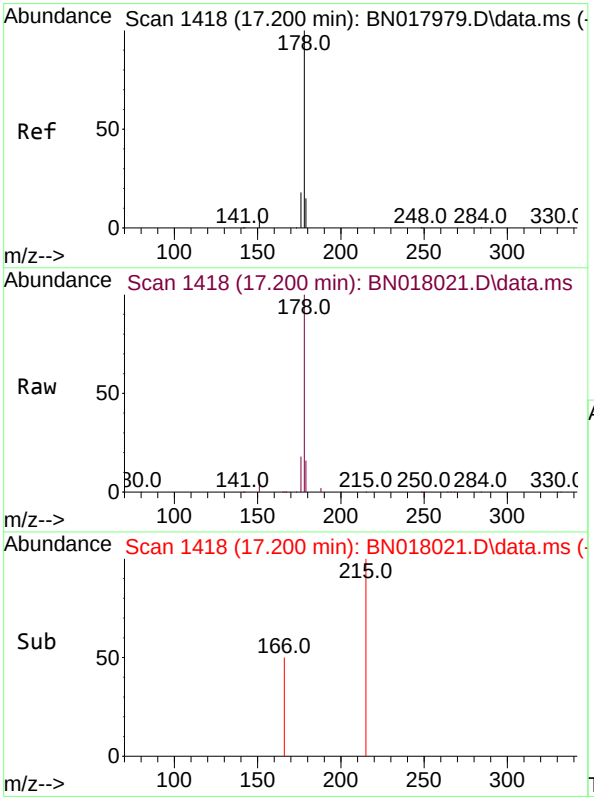
#25
Phenanthrene
Concen: 0.390 ng
RT: 17.103 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 115778

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.3	18.5

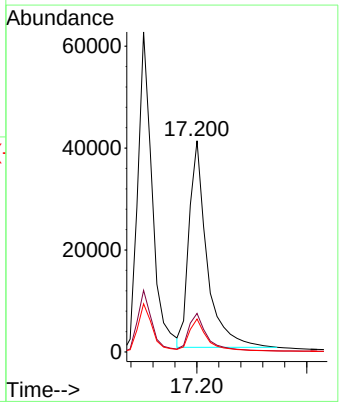


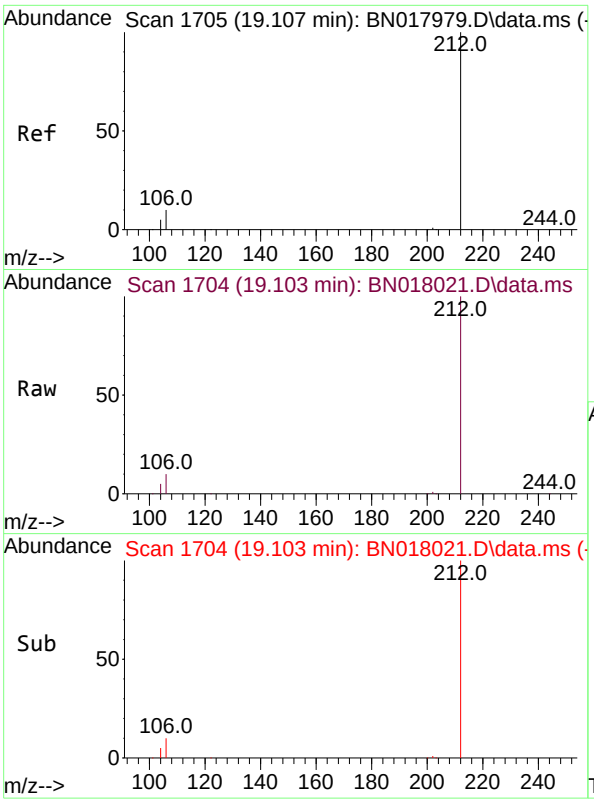


#26
Anthracene
Concen: 0.341 ng
RT: 17.200 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:178 Resp: 91414

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.4	12.2	18.4



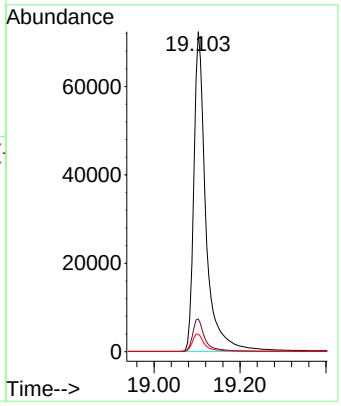


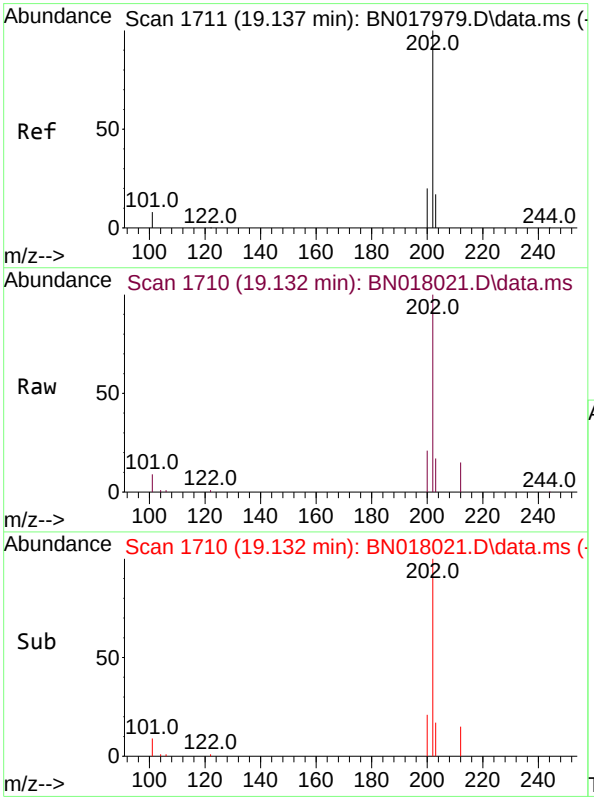
#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 19.103 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 140948

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	5.7	4.5	6.7

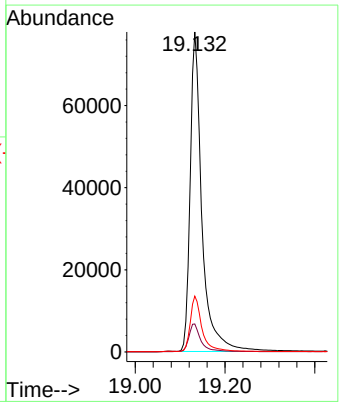


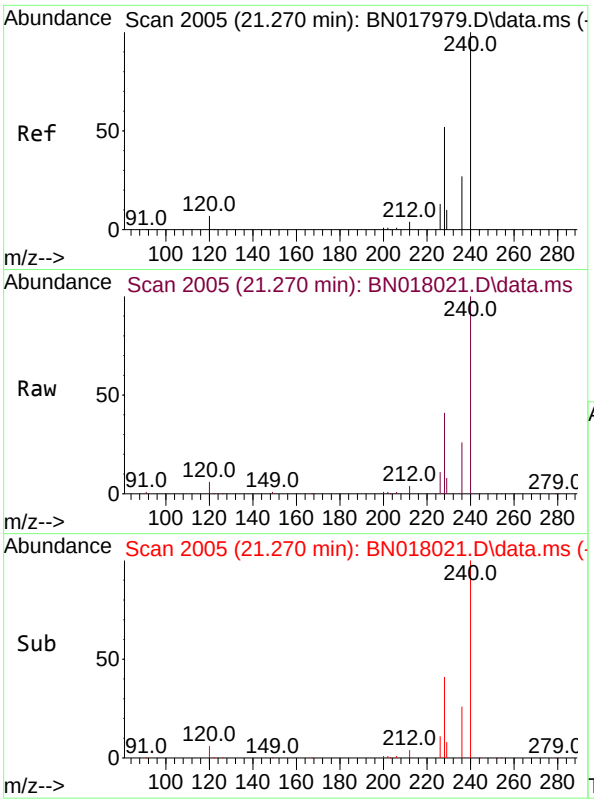


#28
Fluoranthene
Concen: 0.383 ng
RT: 19.132 min Scan# 1710
Delta R.T. -0.005 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:202 Resp: 141768

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.1	13.7	20.5



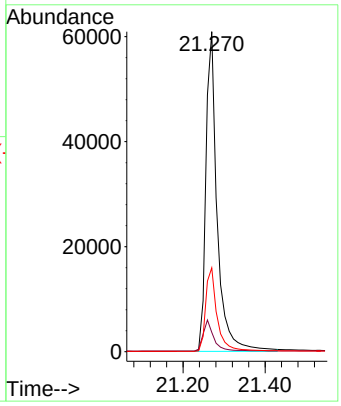


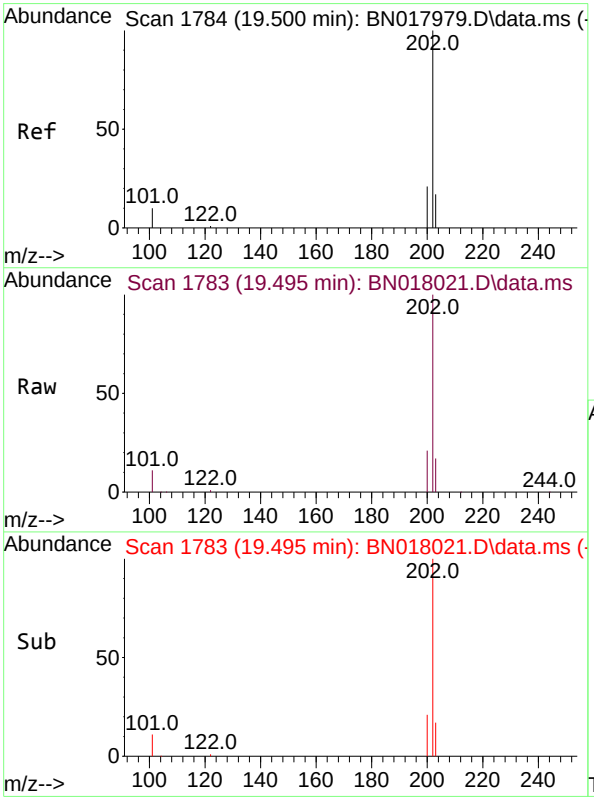
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 116375

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.0	9.0
236	26.2	21.4	32.2

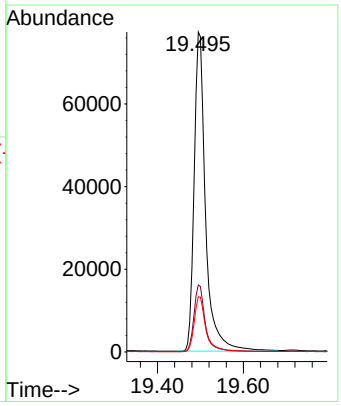


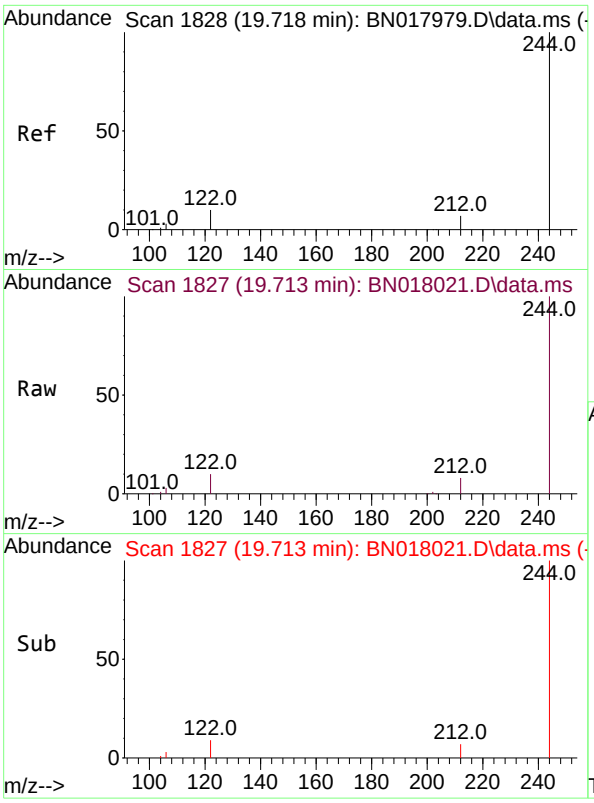


#30
Pyrene
Concen: 0.375 ng
RT: 19.495 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:202 Resp: 143186

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.4	14.1	21.1



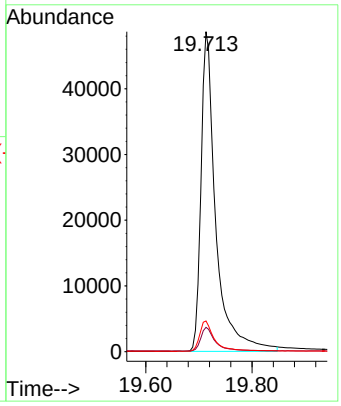


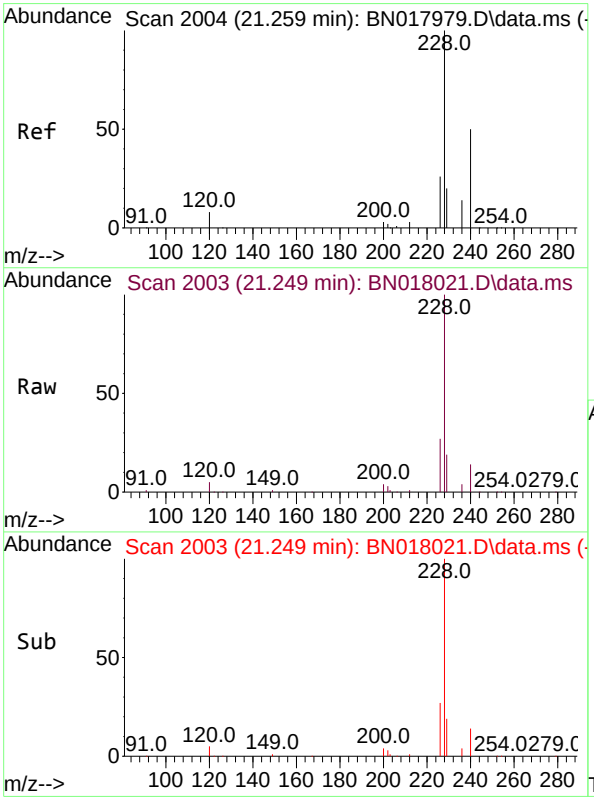
#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.713 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 93983

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.6	7.9	11.9

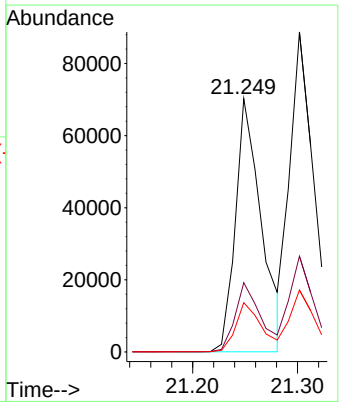


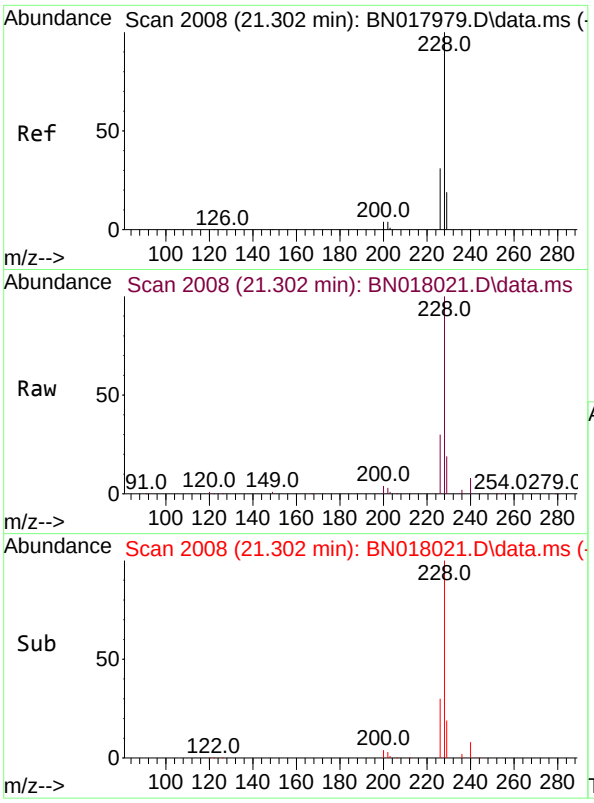


#32
Benzo(a)anthracene
Concen: 0.344 ng
RT: 21.249 min Scan# 2003
Delta R.T. -0.010 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:228 Resp: 120444

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	19.5	15.9	23.9



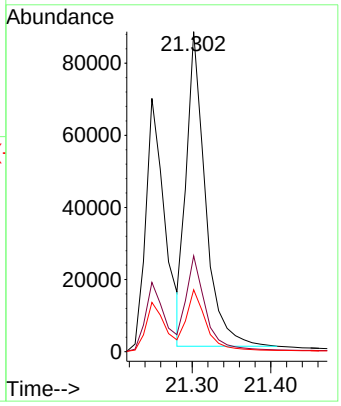


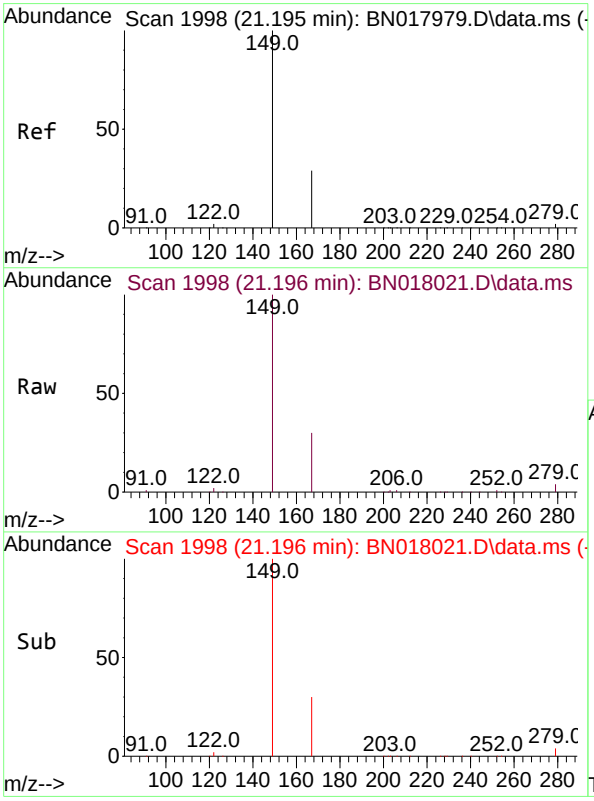
#33
Chrysene
Concen: 0.392 ng
RT: 21.302 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 146362

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.4	15.5	23.3

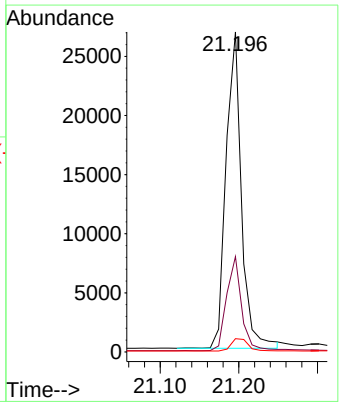


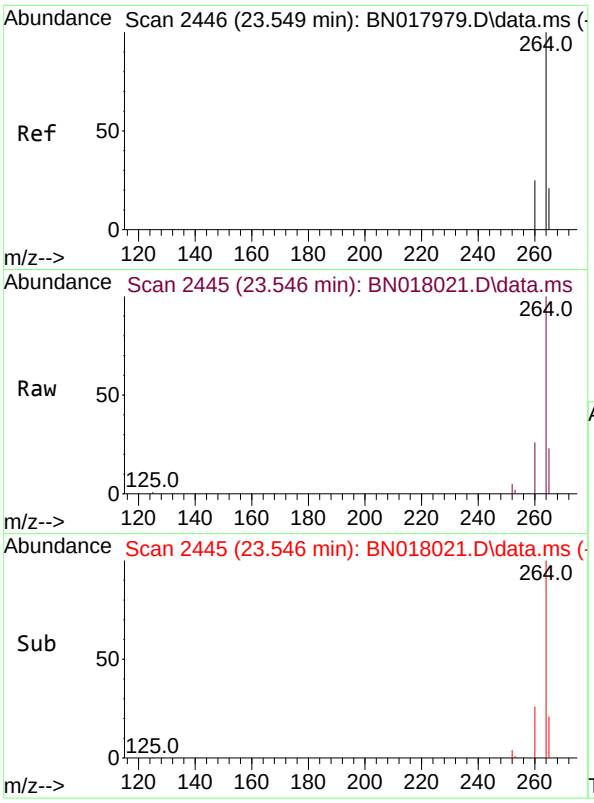


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.212 ng
RT: 21.196 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:149 Resp: 36405

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.7	35.5
279	4.4	3.6	5.4



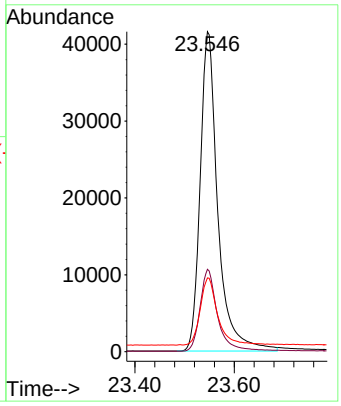


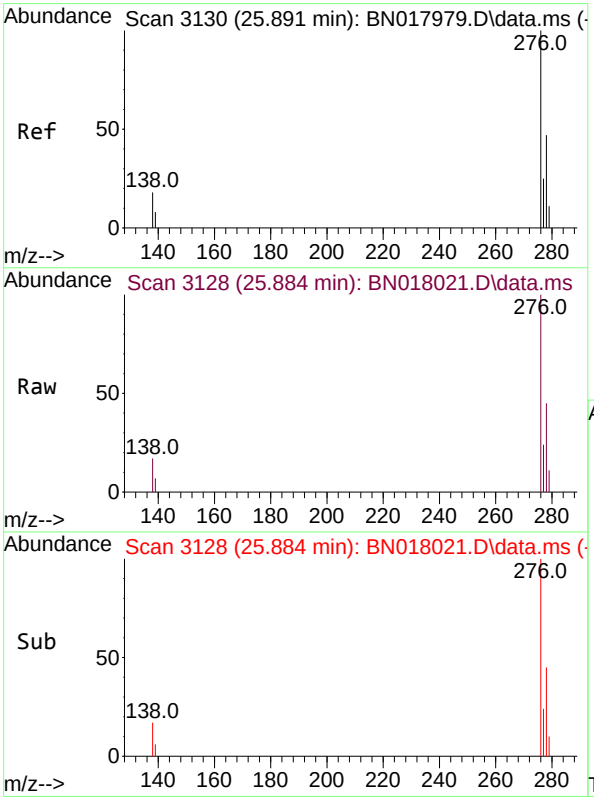
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 102494

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.4
265	23.0	18.2	27.2

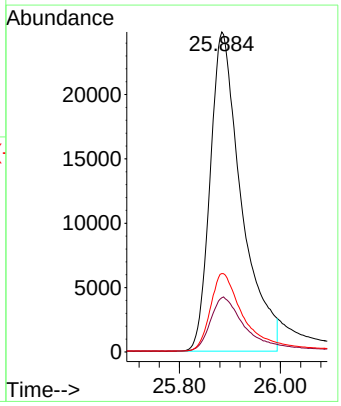


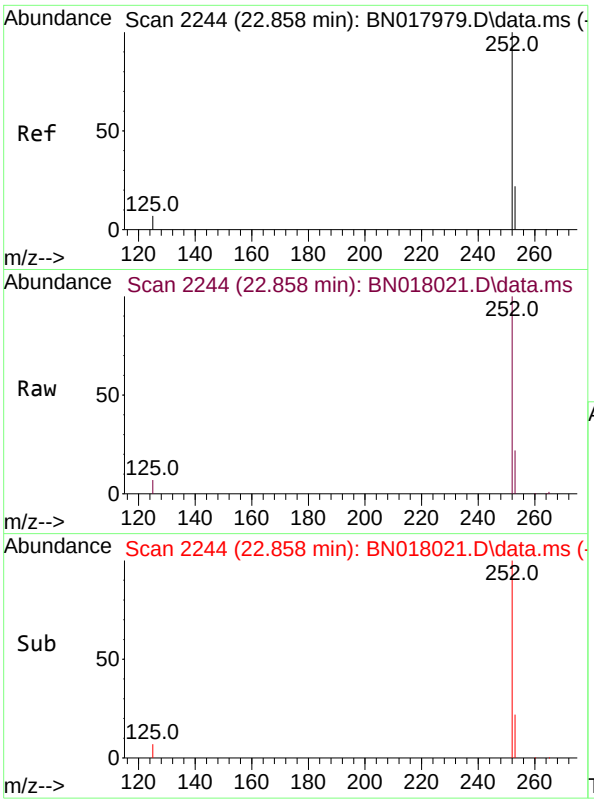


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng
RT: 25.884 min Scan# 3128
Delta R.T. -0.007 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:276 Resp: 106614

Ion	Ratio	Lower	Upper
276	100		
138	18.0	14.9	22.3
277	24.9	19.9	29.9



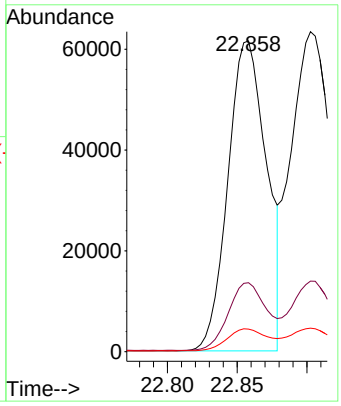


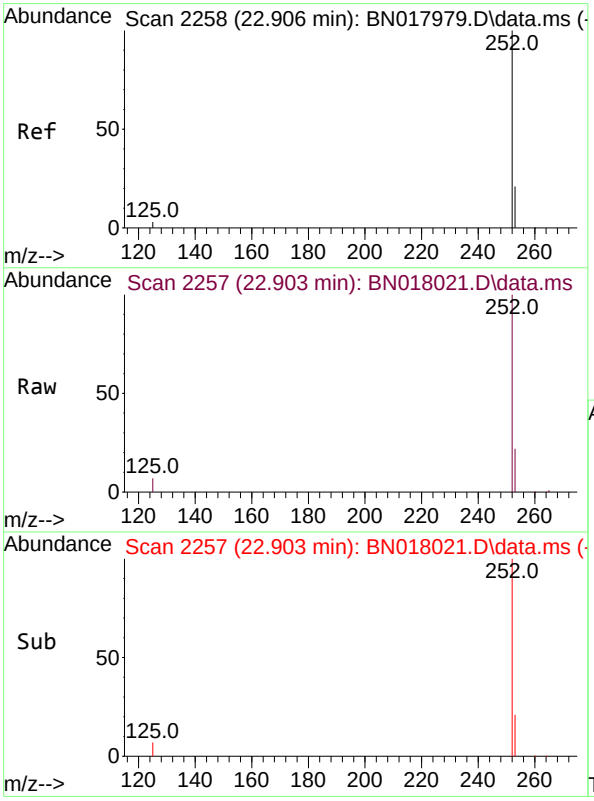
#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.858 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 118460

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.2	6.0	9.0

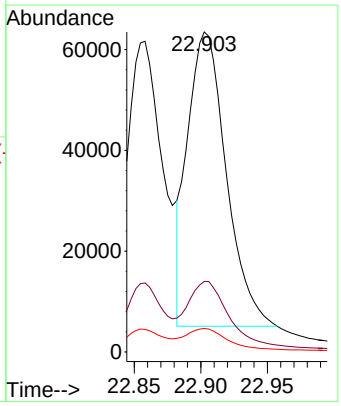


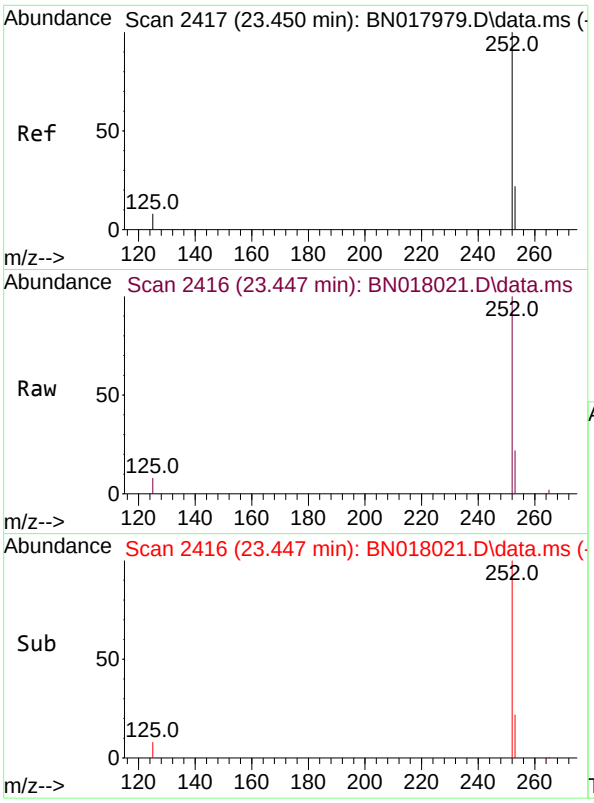


#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.903 min Scan# 2257
Delta R.T. -0.003 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:252 Resp: 117512

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.4	6.2	9.2



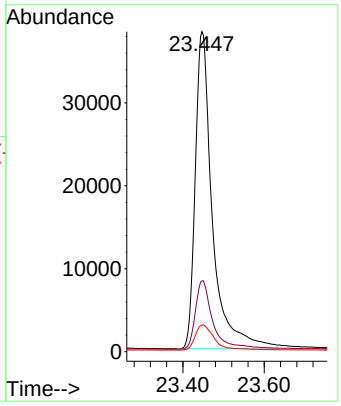


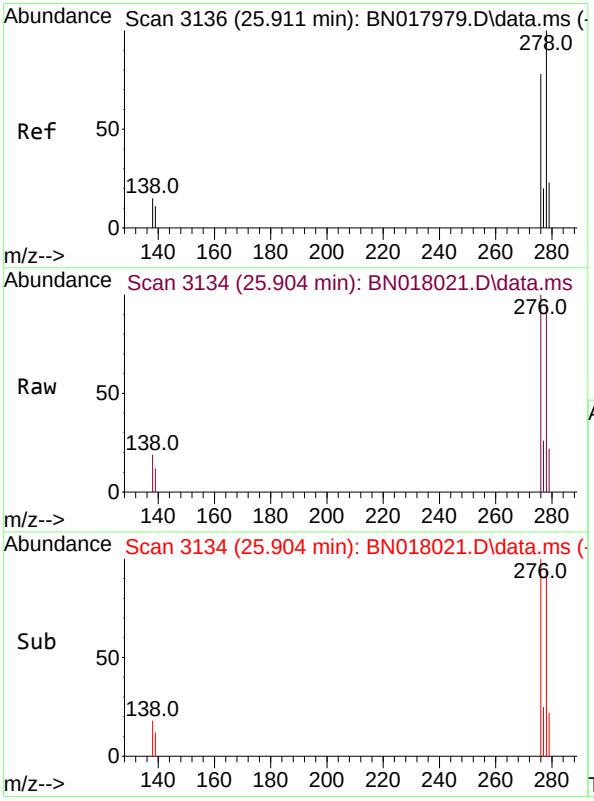
#39
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.447 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 112245

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.3	7.0	10.4

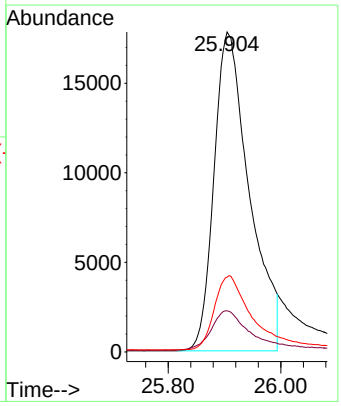


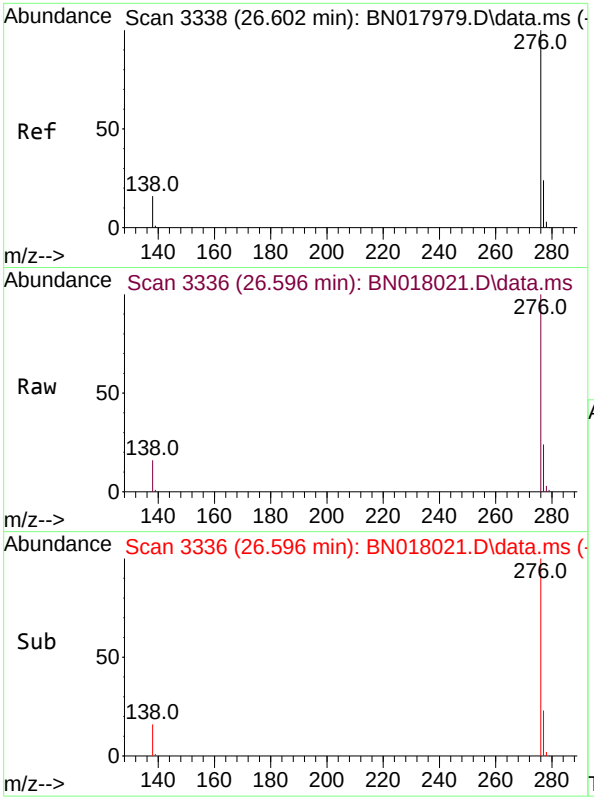


#40
Dibenzo(a,h)anthracene
Concen: 0.289 ng
RT: 25.904 min Scan# 3134
Delta R.T. -0.007 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Tgt Ion:278 Resp: 77378

Ion	Ratio	Lower	Upper
278	100		
139	12.9	10.8	16.2
279	23.4	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.315 ng
RT: 26.596 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN018021.D
Acq: 15 Dec 2021 12:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 101221

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	16.1	12.6	19.0