Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018003.D
Acq On : 14 Dec 2021 14:41
Operator : CG/JU
Sample : M4956-12MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Quant Time: Dec 15 02:19:57 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	7.688	152	31597	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	130577	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	82786	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	170477	0.400	ng		0.00
29) Chrysene-d12	21.270	240	170804	0.400	ng		0.00
35) Perylene-d12	23.546	264	166004	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	10354	0.151	ng		0.02
5) Phenol-d6	6.886	99	7191	0.105	ng		0.02
8) Nitrobenzene-d5	8.835	82	31328	0.338	ng		0.00
11) 2-Methylnaphthalene-d10	12.060	152	68932	0.318	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	19873	0.568	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	110252	0.382	ng		0.00
27) Fluoranthene-d10	19.102	212	200647	0.352	ng		0.00
31) Terphenyl-d14	19.708	244	171253	0.481	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.576	42	7030	0.239	ng	#	73
6) bis(2-Chloroethyl)ether	7.117	93	31007	0.382	ng		98
9) Naphthalene	10.508	128	118146	0.361	ng		99
10) Hexachlorobutadiene	10.812	225	29360	0.326	ng	#	100
12) 2-Methylnaphthalene	12.136	142	86557	0.423	ng		100
16) Acenaphthylene	14.027	152	144209	0.421	ng		98
17) Acenaphthene	14.383	154	83457	0.383	ng		99
18) Fluorene	15.372	166	121317	0.454	ng		100
20) 4,6-Dinitro-2-methylph...	15.448	198	9101	0.644	ng		94
21) 4-Bromophenyl-phenylether	16.263	248	48316	0.468	ng	#	86
22) Hexachlorobenzene	16.372	284	51308	0.416	ng		99
23) Atrazine	16.543	200	43255	0.567	ng	#	91
24) Pentachlorophenol	16.725	266	61548	1.802	ng		99
25) Phenanthrene	17.102	178	219679	0.506	ng		99
26) Anthracene	17.200	178	183298	0.468	ng		100
28) Fluoranthene	19.132	202	263669	0.487	ng		100
30) Pyrene	19.494	202	265931	0.474	ng		99
32) Benzo(a)anthracene	21.248	228	253785	0.494	ng		97
33) Chrysene	21.301	228	242971	0.443	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	188405	0.747	ng		99
36) Indeno(1,2,3-cd)pyrene	25.884	276	275264	0.495	ng		100
37) Benzo(b)fluoranthene	22.858	252	254888	0.517	ng	#	97
38) Benzo(k)fluoranthene	22.899	252	246578	0.512	ng	#	96
39) Benzo(a)pyrene	23.443	252	226349	0.451	ng		97
40) Dibenzo(a,h)anthracene	25.897	278	223881	0.517	ng		98
41) Benzo(g,h,i)perylene	26.596	276	234432	0.451	ng		99

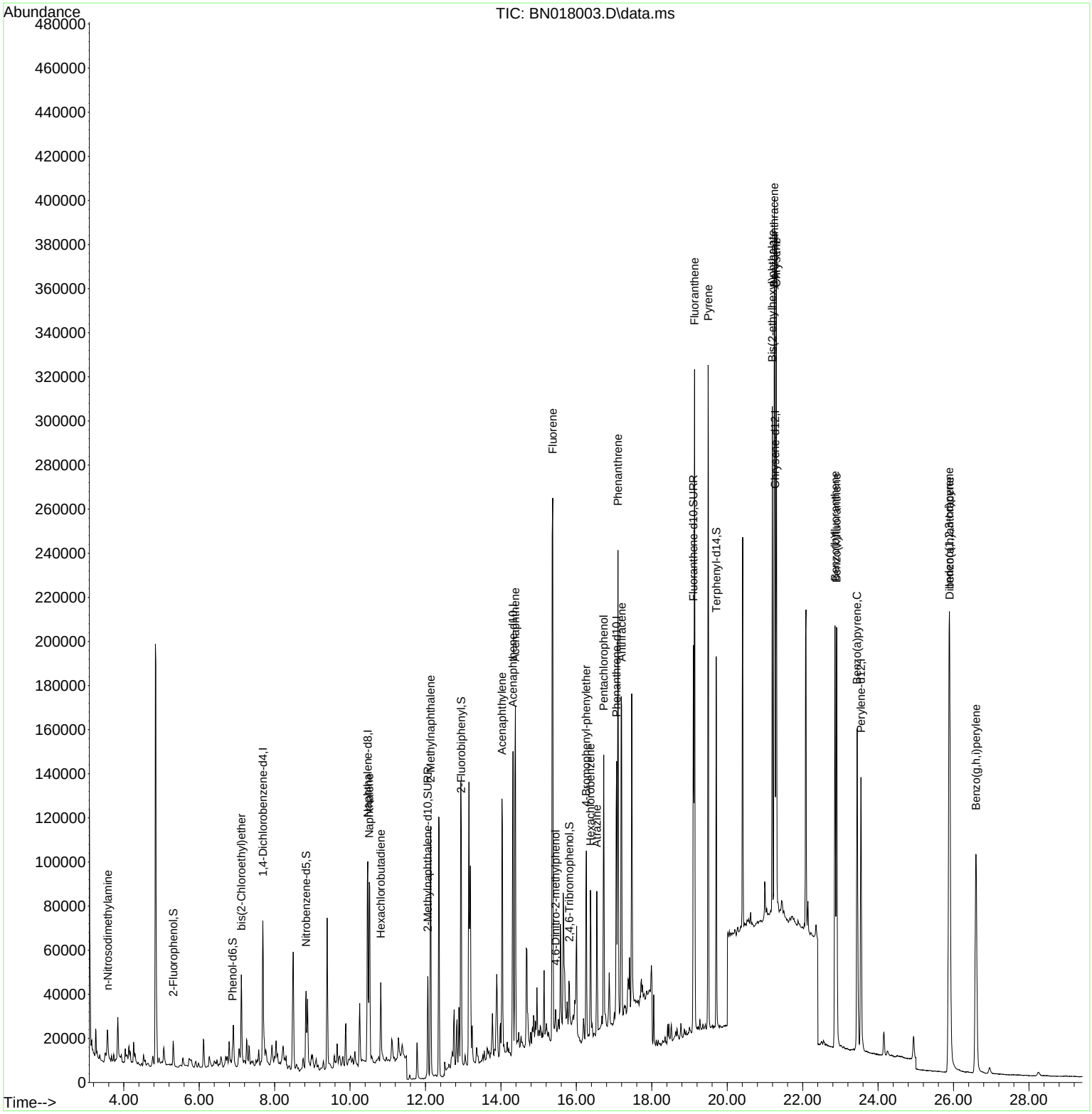
(#) = qualifier out of range (m) = manual integration (+) = signals summed

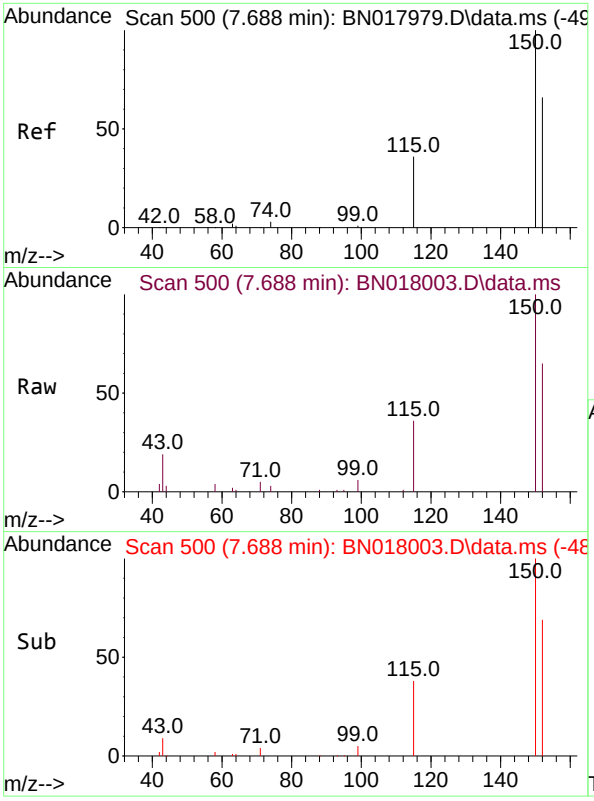
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018003.D
Acq On : 14 Dec 2021 14:41
Operator : CG/JU
Sample : M4956-12MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Quant Time: Dec 15 02:19:57 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



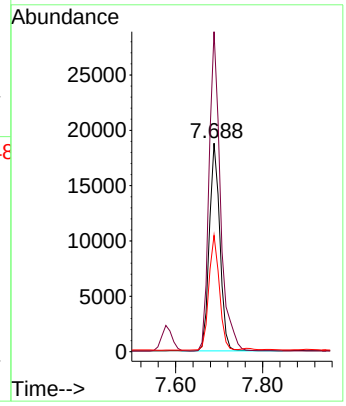


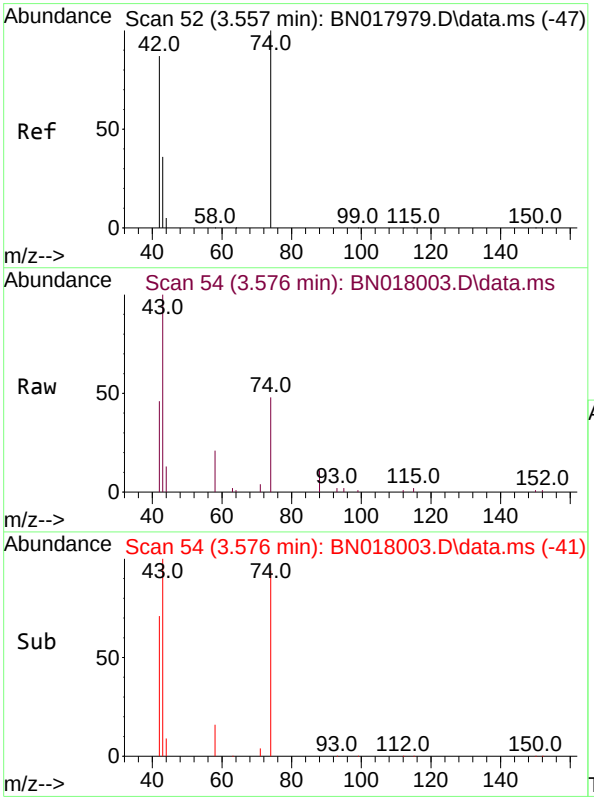
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 5(
Delta R.T. 0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:152 Resp: 31597

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	55.8	43.8	65.8

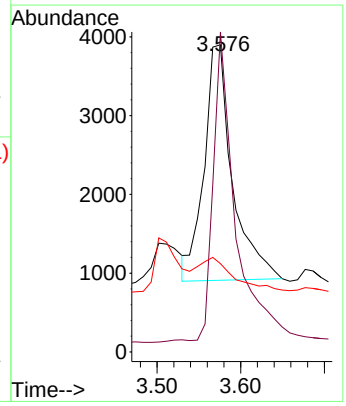


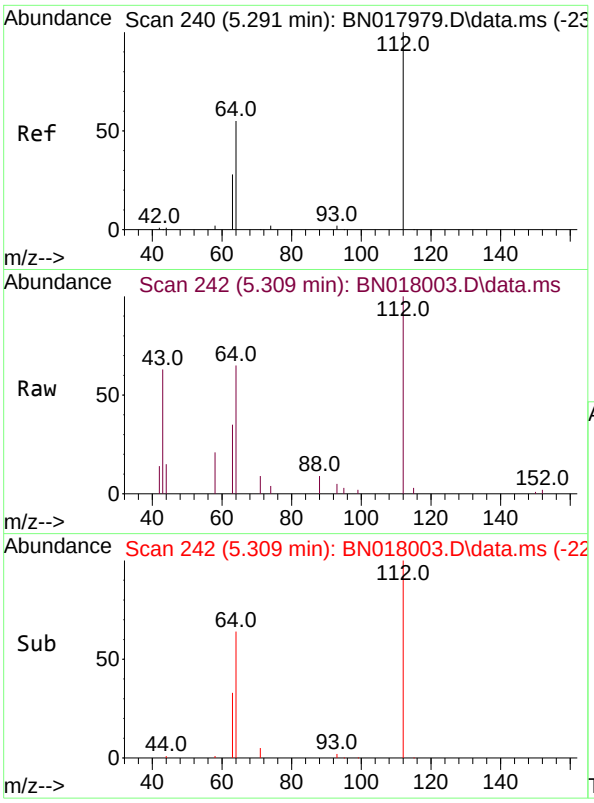


#3
n-Nitrosodimethylamine
Concen: 0.239 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.018 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion: 42 Resp: 7030

Ion	Ratio	Lower	Upper
42	100		
74	103.7	108.6	163.0#
44	17.1	5.8	8.8#



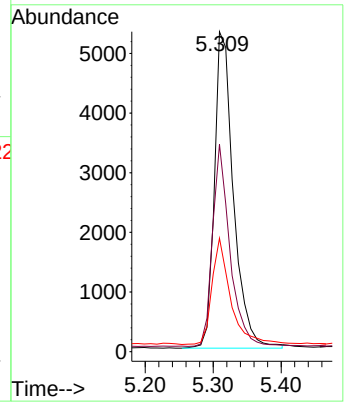


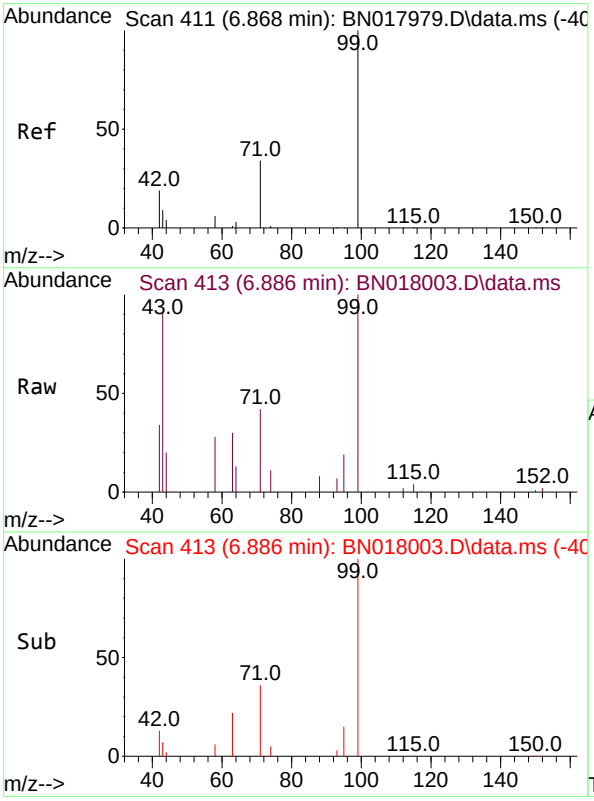
#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.309 min Scan# 24
Delta R.T. 0.018 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:112 Resp: 10354

Ion	Ratio	Lower	Upper
112	100		
64	58.0	48.0	72.0
63	32.7	25.3	37.9

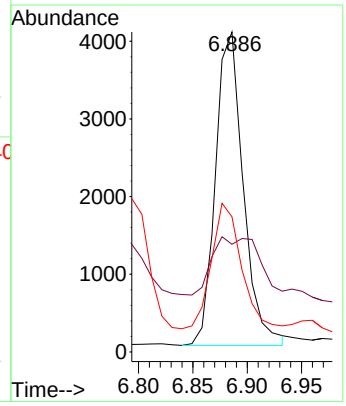


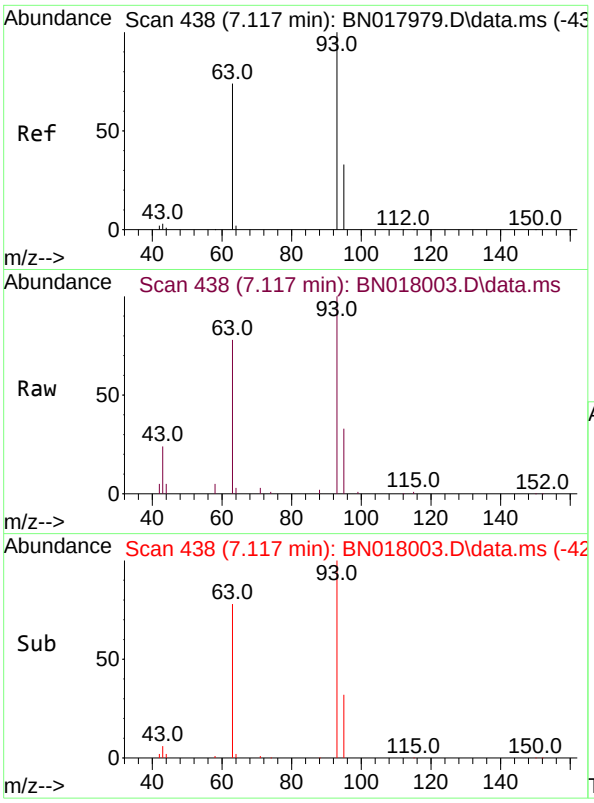


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.018 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion: 99 Resp: 7191

Ion	Ratio	Lower	Upper
99	100		
42	30.7	16.3	24.5#
71	42.7	26.8	40.2#



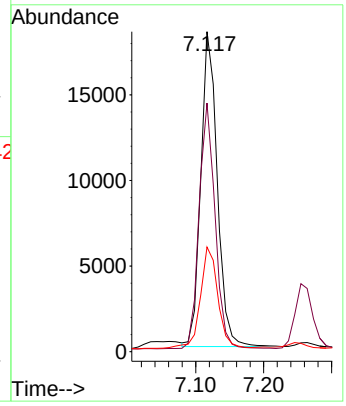


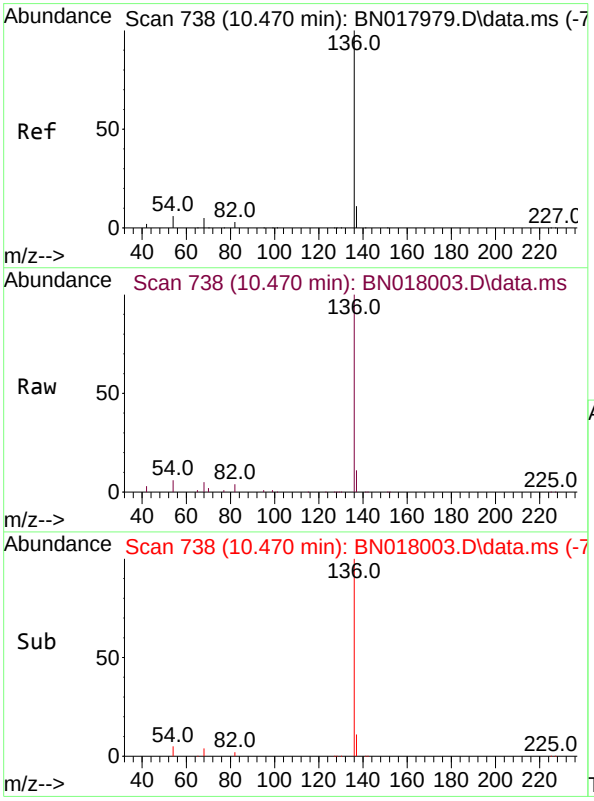
#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.117 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion: 93 Resp: 31007

Ion	Ratio	Lower	Upper
93	100		
63	75.9	61.7	92.5
95	34.3	26.2	39.4

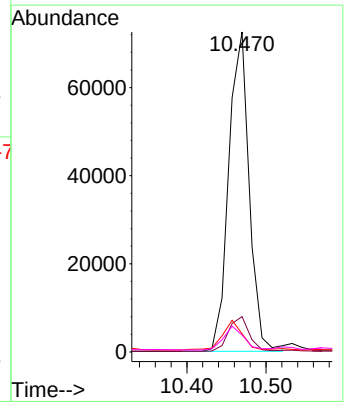


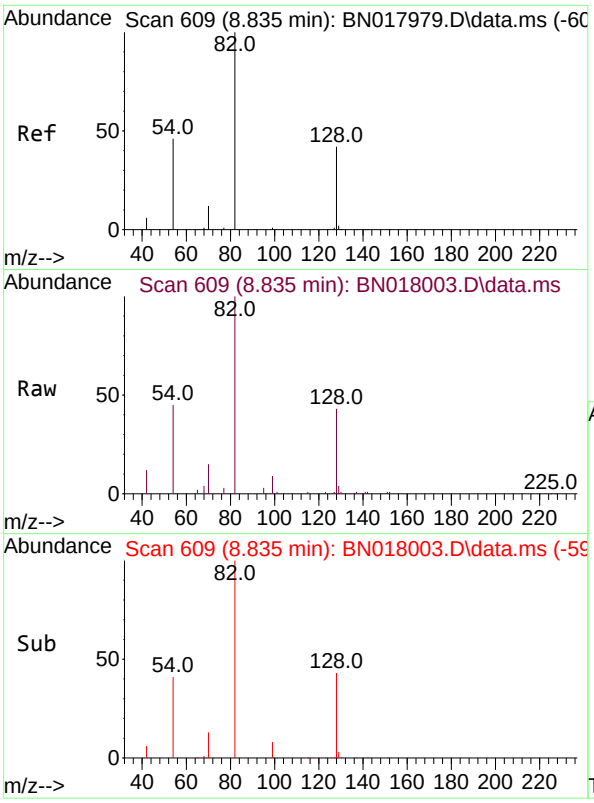


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:136 Resp: 130577

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.7	5.0	7.6
68	5.3	4.4	6.6



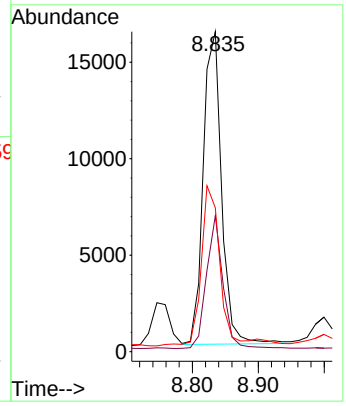


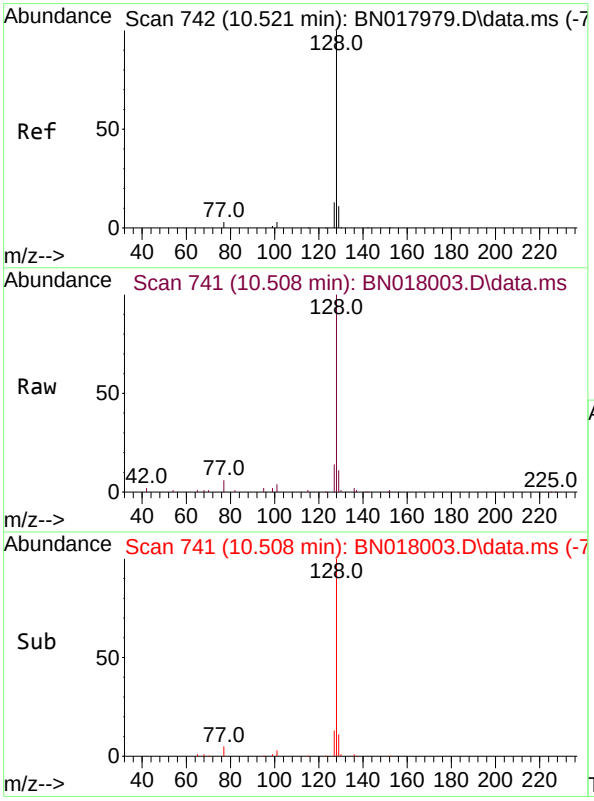
#8
Nitrobenzene-d5
Concen: 0.338 ng
RT: 8.835 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion: 82 Resp: 31328

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.7	50.5
54	44.9	36.6	55.0

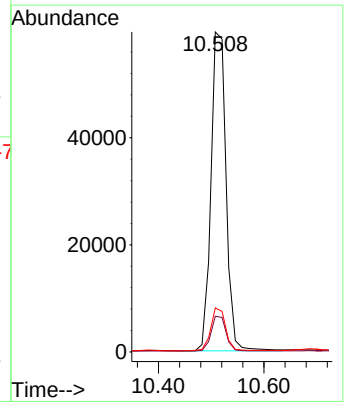


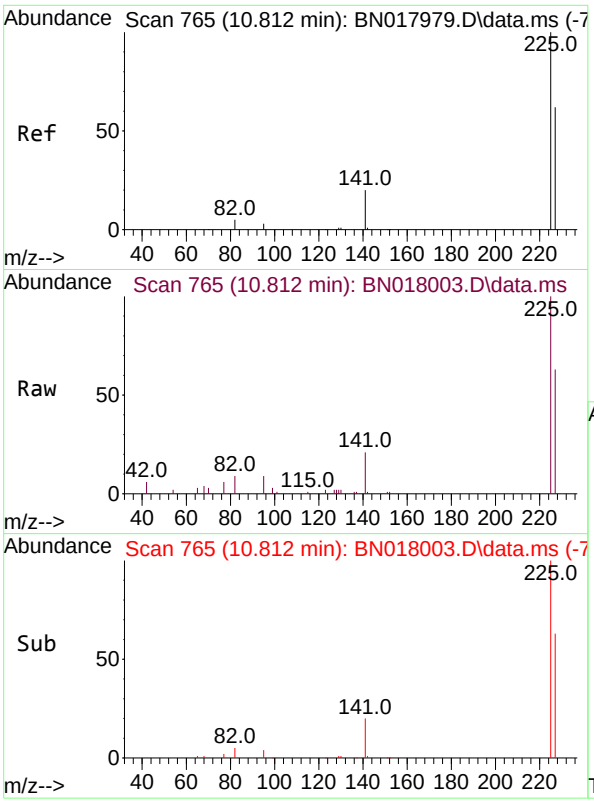


#9
Naphthalene
Concen: 0.361 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.013 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:128 Resp: 118146

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.8	10.4	15.6



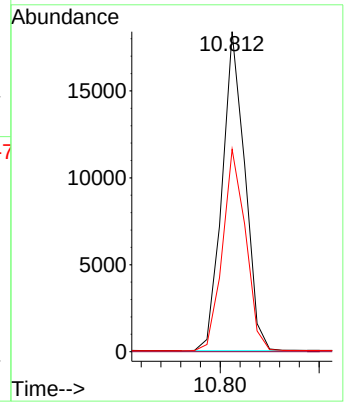


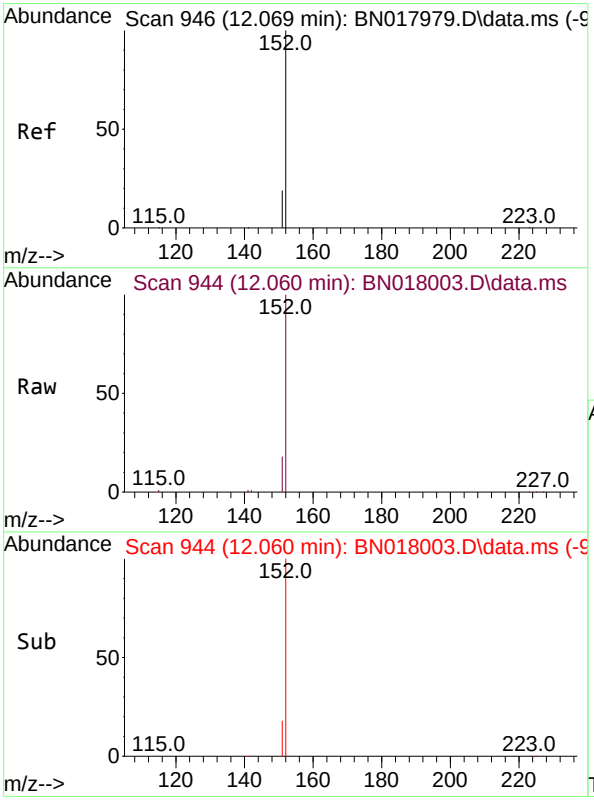
#10
Hexachlorobutadiene
Concen: 0.326 ng
RT: 10.812 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:225 Resp: 29360

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6

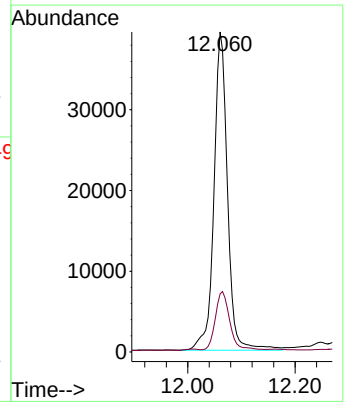


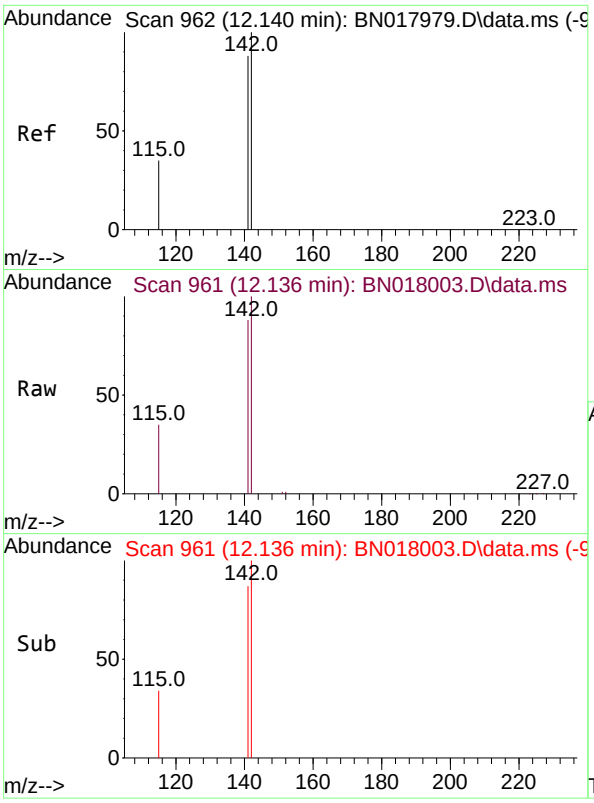


#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.060 min Scan# 944
Delta R.T. -0.009 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:152 Resp: 68932

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2



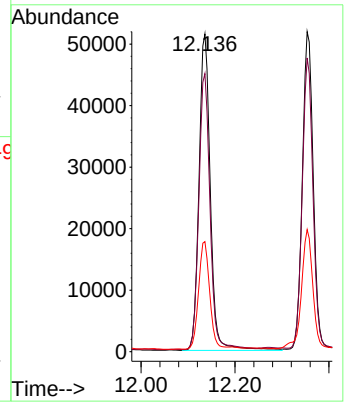


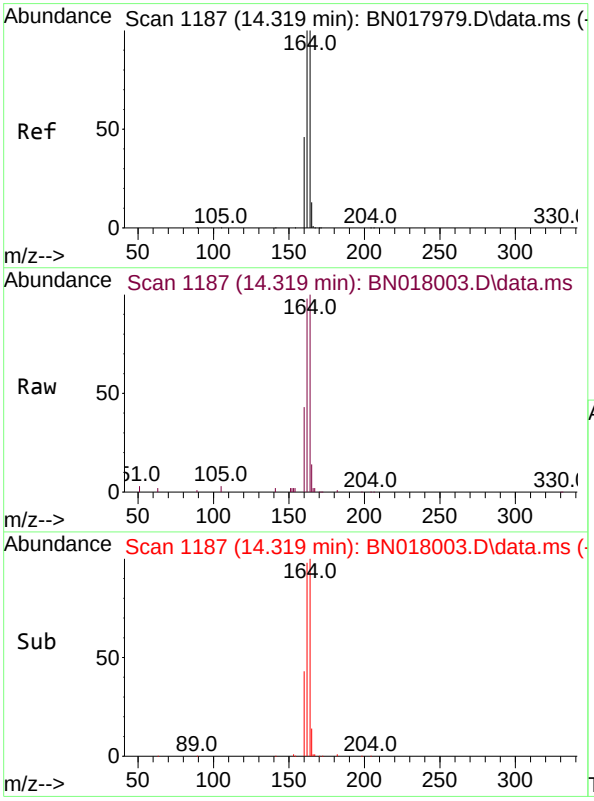
#12
2-Methylnaphthalene
Concen: 0.423 ng
RT: 12.136 min Scan# 9
Delta R.T. -0.005 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:142 Resp: 86557

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	34.7	27.8	41.8

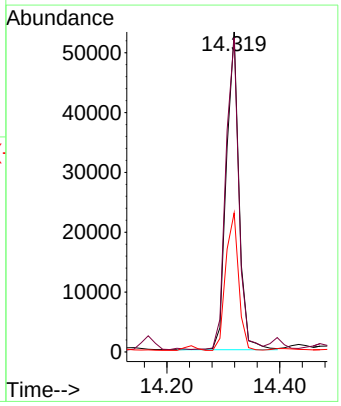


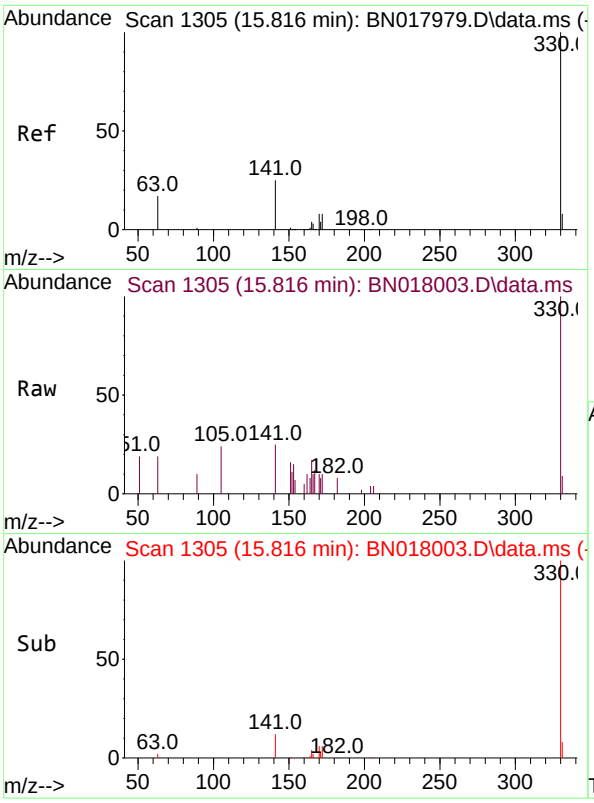


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:164 Resp: 82786

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.2	120.2
160	43.5	36.9	55.3



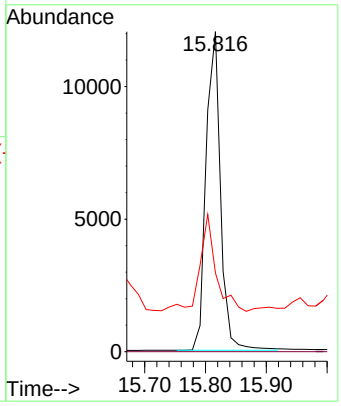


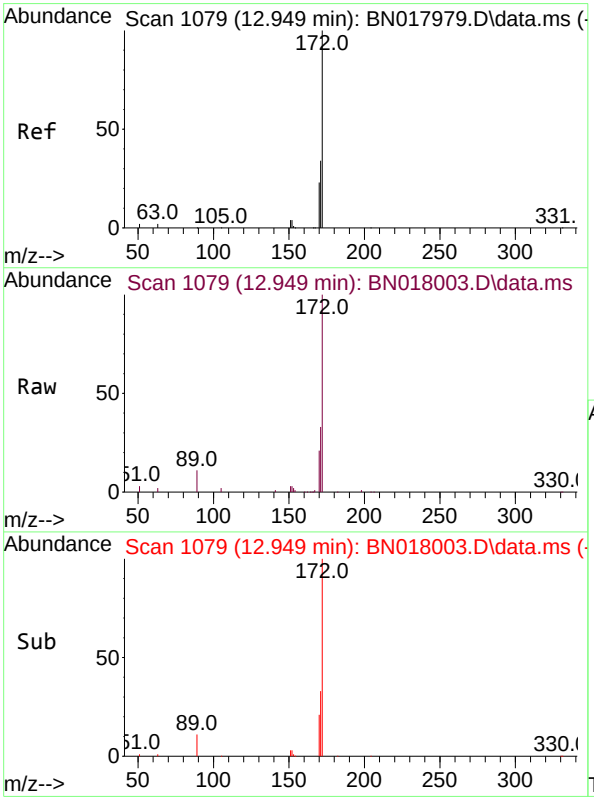
#14
2,4,6-Tribromophenol
Concen: 0.568 ng
RT: 15.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:330 Resp: 19873

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.4	21.3	31.9#

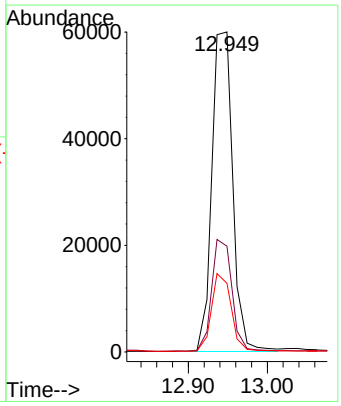


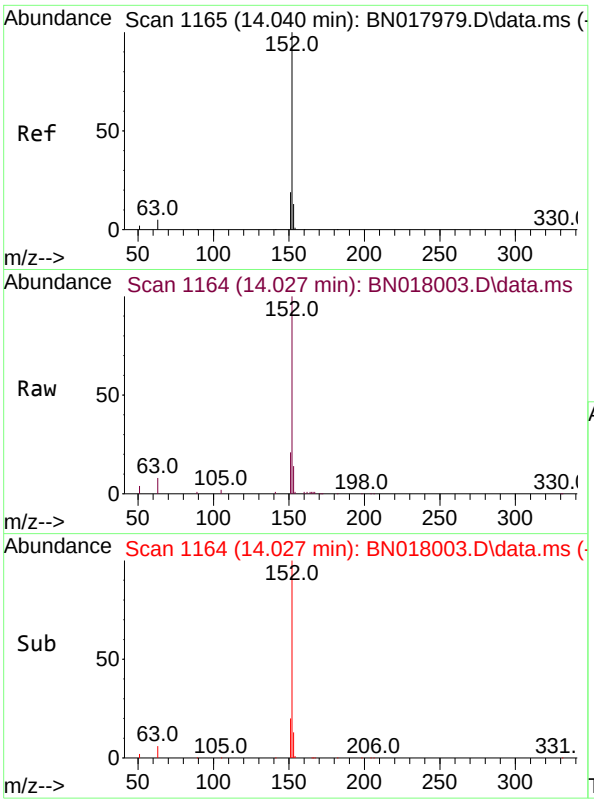


#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.949 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:172 Resp: 110252

Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.4	41.0
170	21.4	18.4	27.6



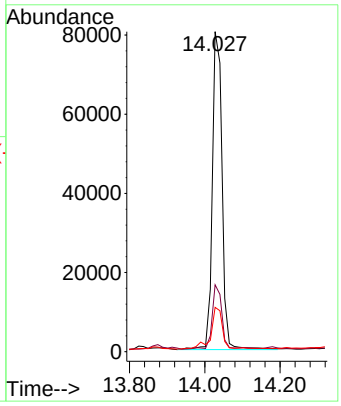


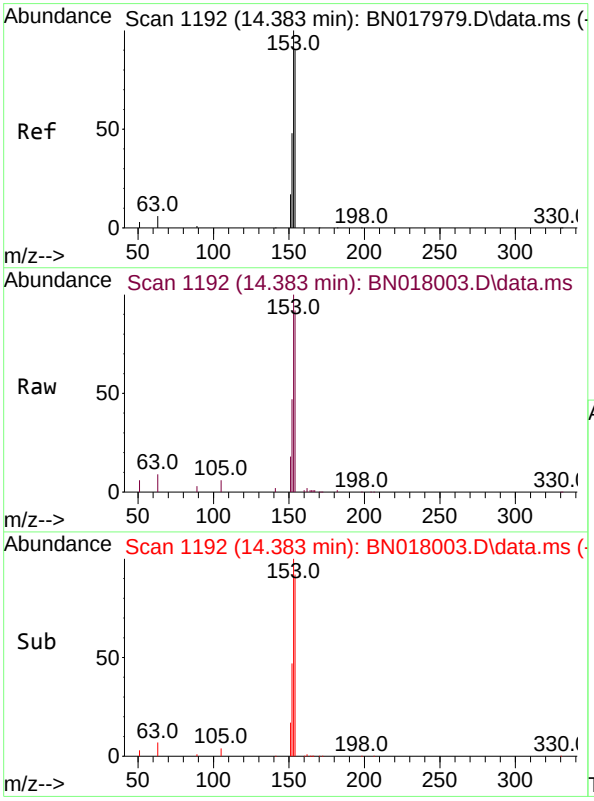
#16
Acenaphthylene
Concen: 0.421 ng
RT: 14.027 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:152 Resp: 144209

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	15.2	10.5	15.7

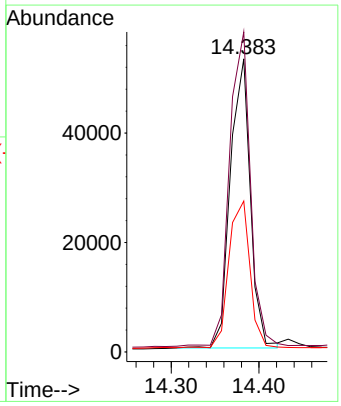


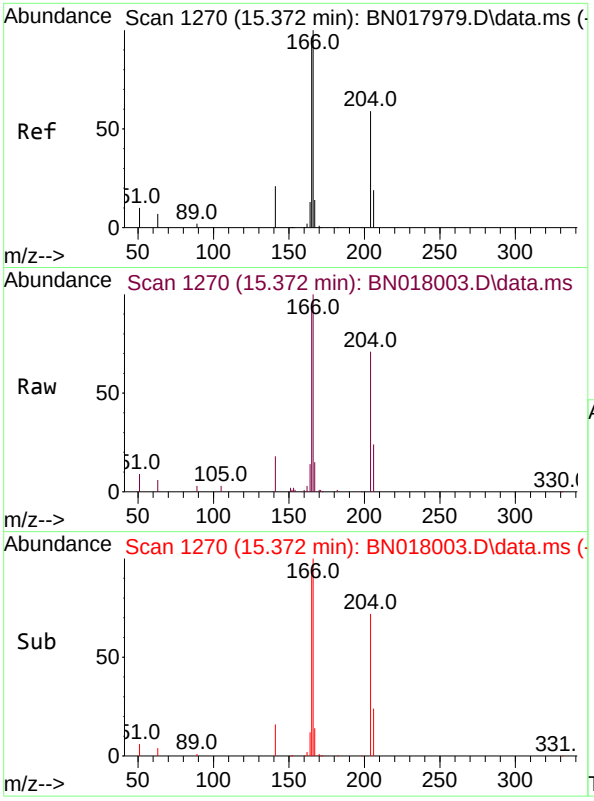


#17
Acenaphthene
Concen: 0.383 ng
RT: 14.383 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:154 Resp: 83457

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.9	136.3
152	53.5	45.0	67.4





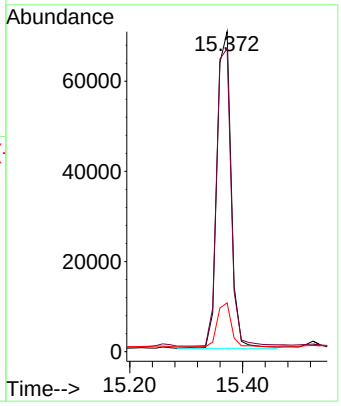
#18
Fluorene
Concen: 0.454 ng
RT: 15.372 min Scan# 1

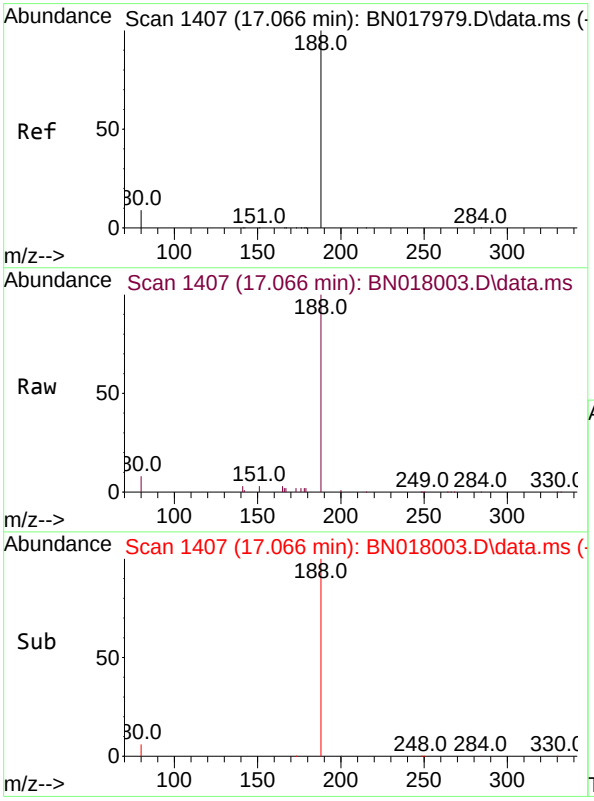
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:166 Resp: 121317

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.8	116.6
167	14.1	10.9	16.3

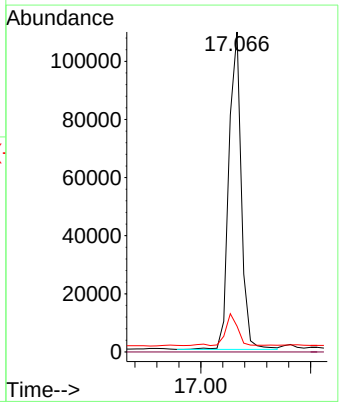


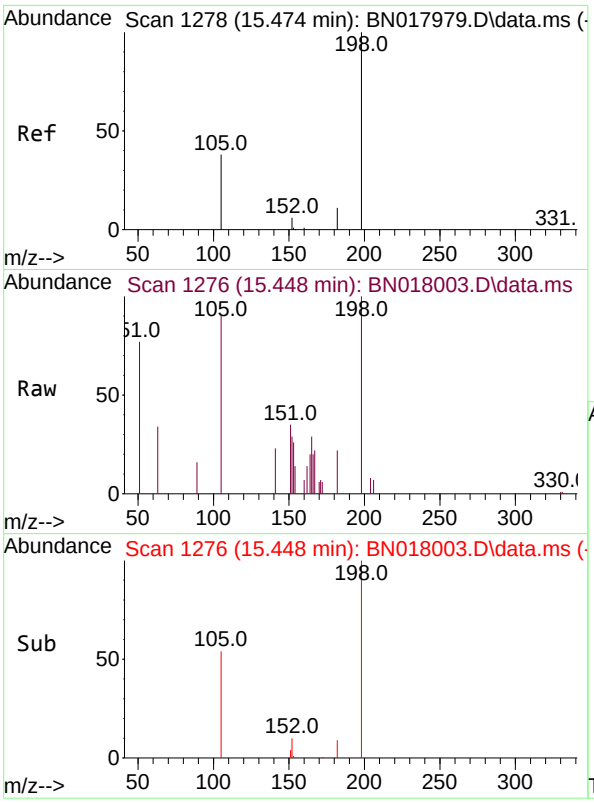


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:188 Resp: 170477

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.0	10.4



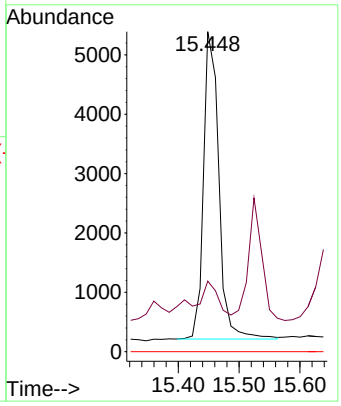


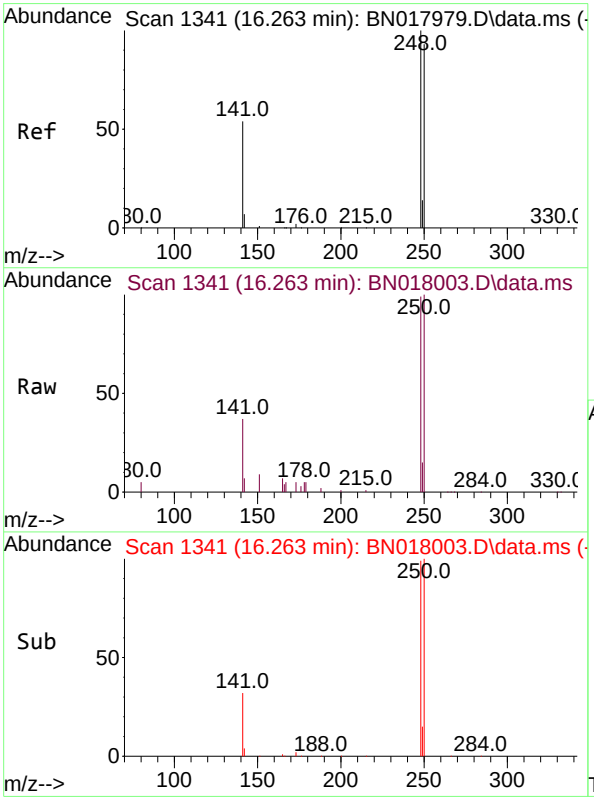
#20
4,6-Dinitro-2-methylphenol
Concen: 0.644 ng
RT: 15.448 min Scan# 1
Delta R.T. -0.026 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:198 Resp: 9101

Ion	Ratio	Lower	Upper
198	100		
182	22.0	15.5	23.3
77	0.0	0.0	0.0

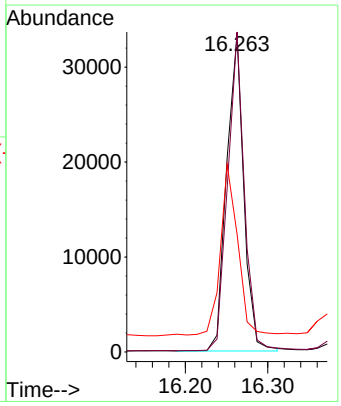


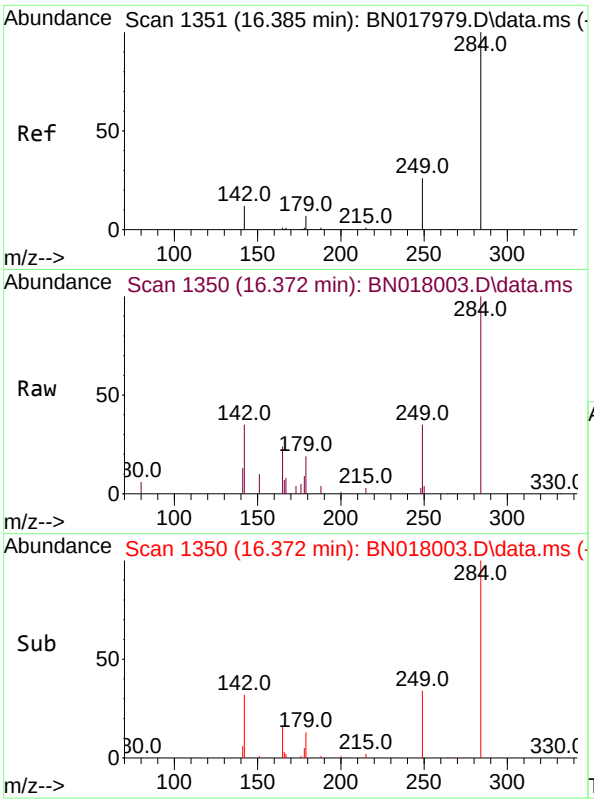


#21
4-Bromophenyl-phenylether
Concen: 0.468 ng
RT: 16.263 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:248 Resp: 48316

Ion	Ratio	Lower	Upper
248	100		
250	100.6	74.4	111.6
141	37.1	43.7	65.5#



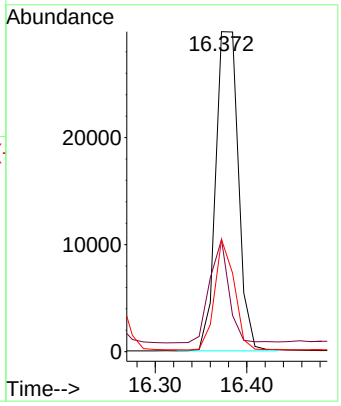


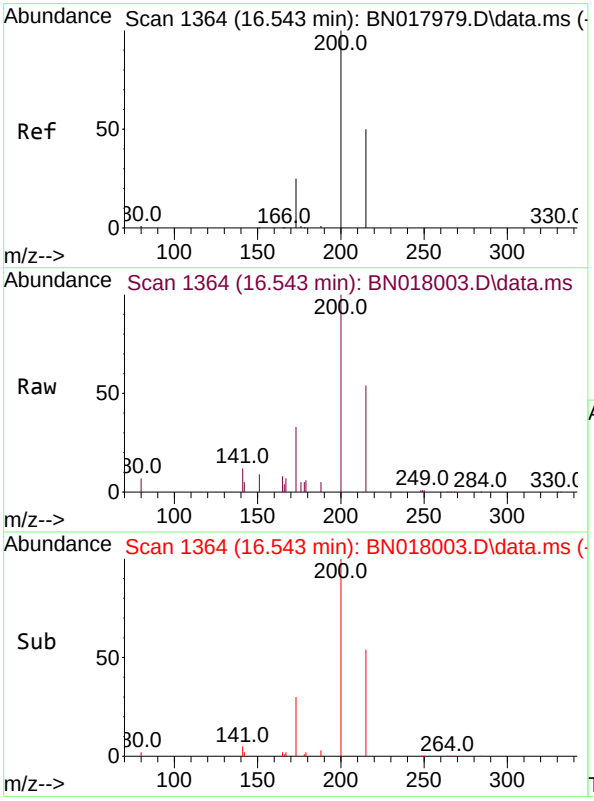
#22
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.372 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:284 Resp: 51308

Ion	Ratio	Lower	Upper
284	100		
142	27.7	21.6	32.4
249	29.9	23.5	35.3

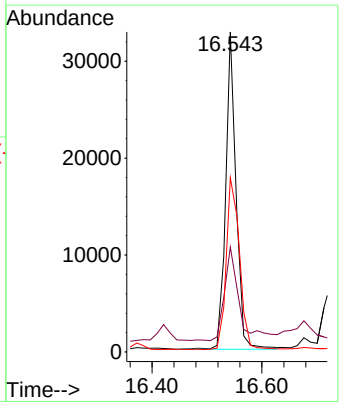


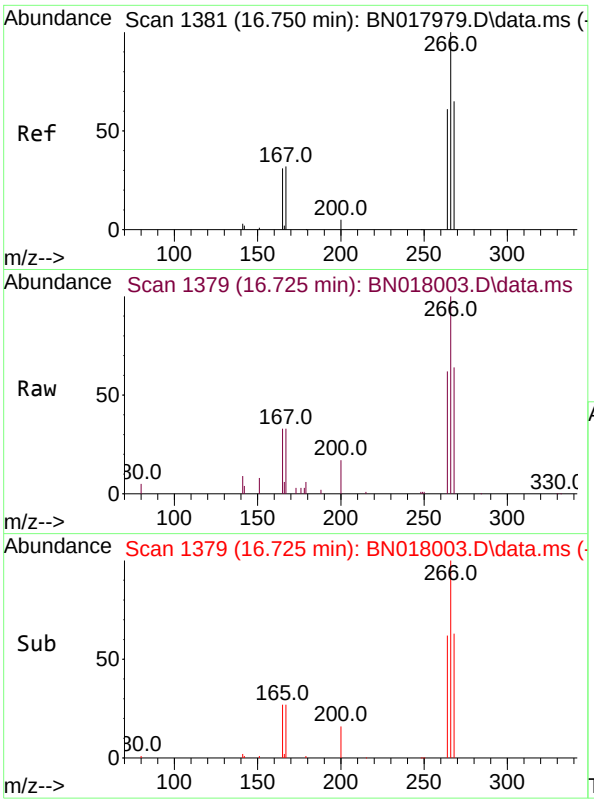


#23
Atrazine
Concen: 0.567 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:200 Resp: 43255

Ion	Ratio	Lower	Upper
200	100		
173	32.8	20.3	30.5#
215	54.4	40.4	60.6



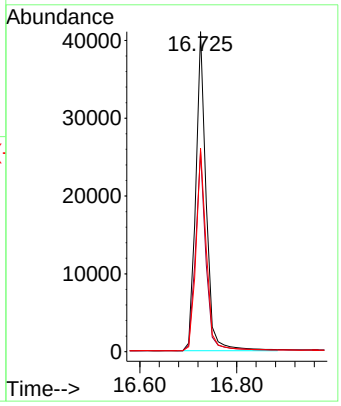


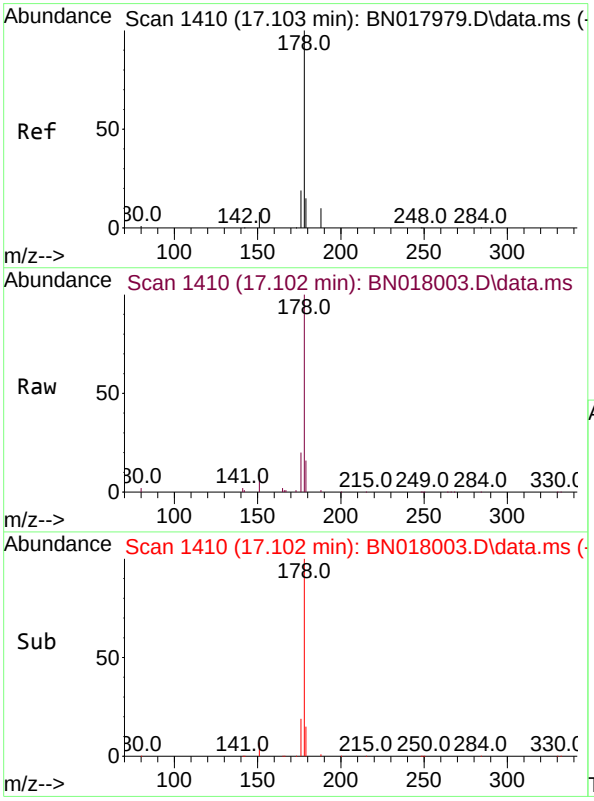
#24
Pentachlorophenol
Concen: 1.802 ng
RT: 16.725 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:266 Resp: 61548

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.5	74.3
268	63.7	50.6	76.0

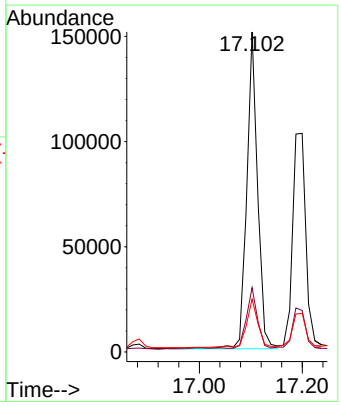


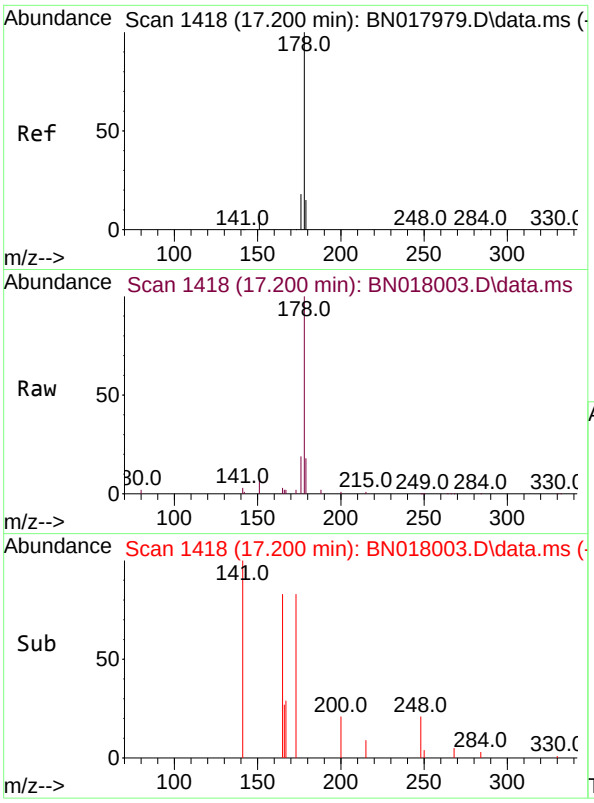


#25
Phenanthrene
Concen: 0.506 ng
RT: 17.102 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:178 Resp: 219679

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	16.4	12.3	18.5



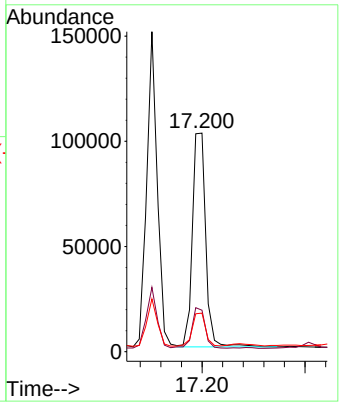


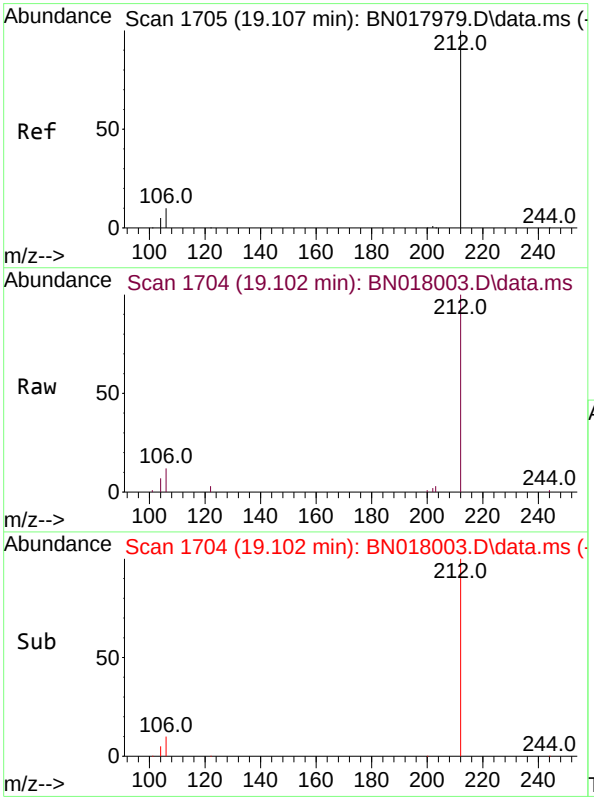
#26
Anthracene
Concen: 0.468 ng
RT: 17.200 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:178 Resp: 183298

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

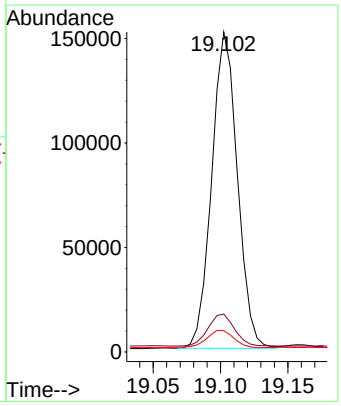


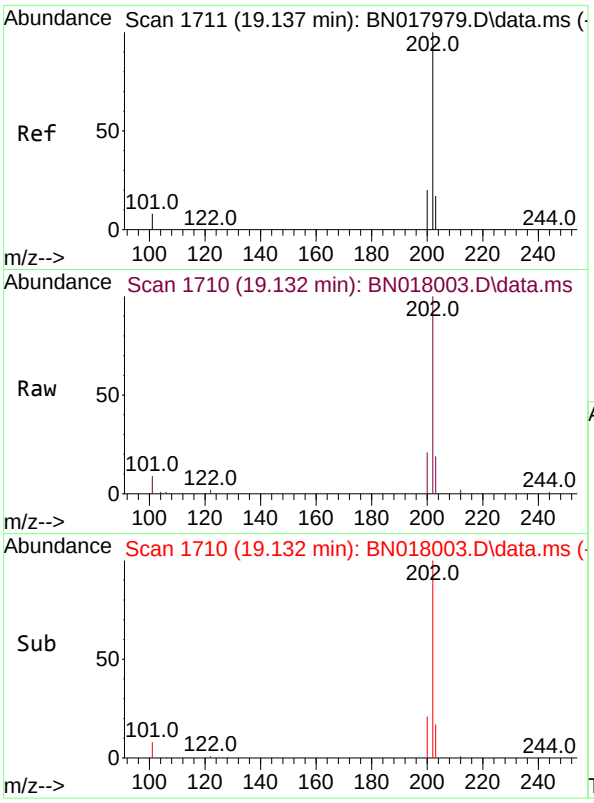


#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.102 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:212 Resp: 200647

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.4	12.6
104	5.8	4.5	6.7



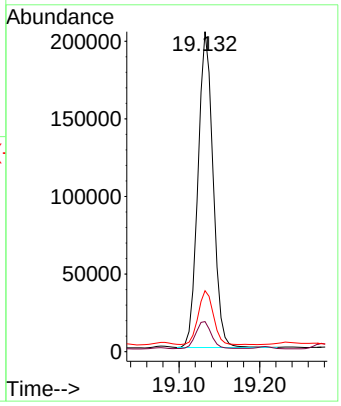


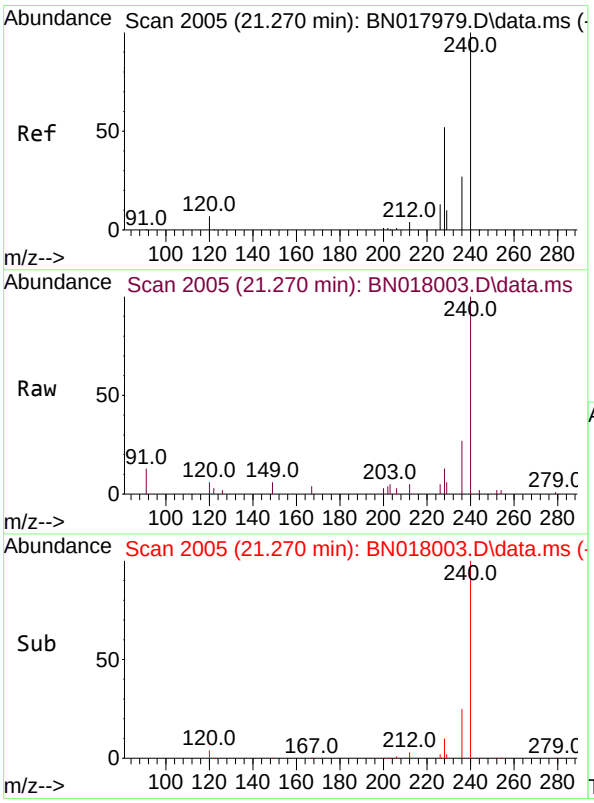
#28
Fluoranthene
Concen: 0.487 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:202 Resp: 263669

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.0	13.7	20.5

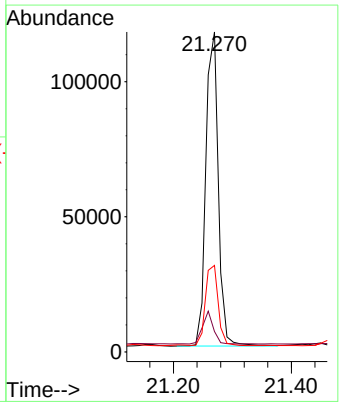


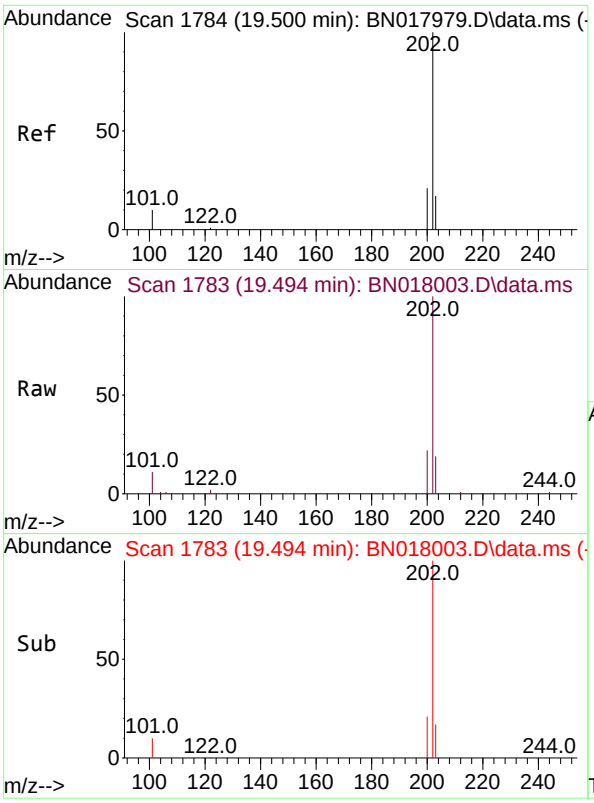


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:240 Resp: 170804

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.0	9.0
236	27.0	21.4	32.2



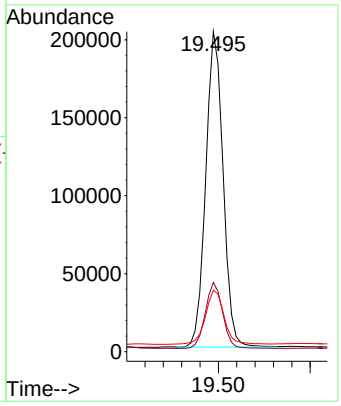


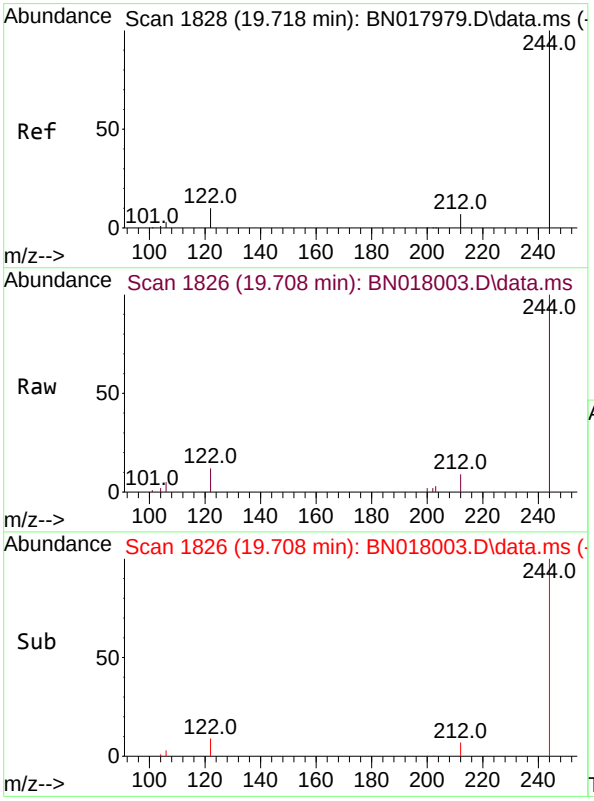
#30
Pyrene
Concen: 0.474 ng
RT: 19.494 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:202 Resp: 265931

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	18.4	14.1	21.1

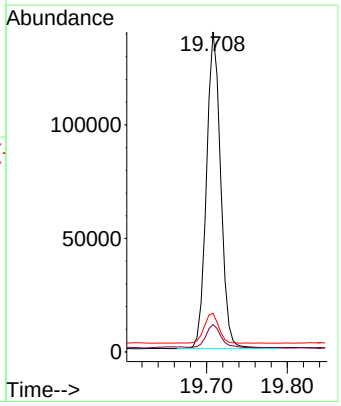


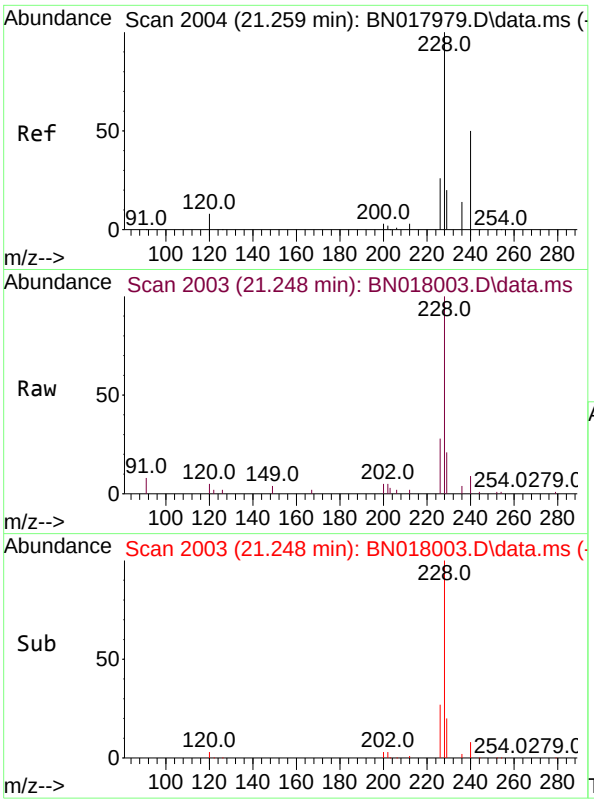


#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:244 Resp: 171253

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.2
122	12.1	7.9	11.9#



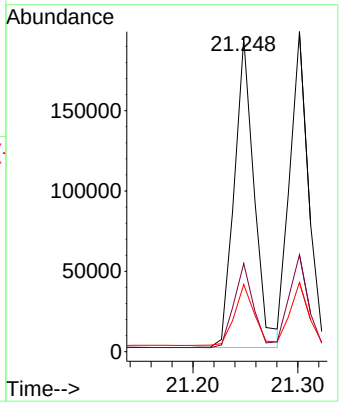


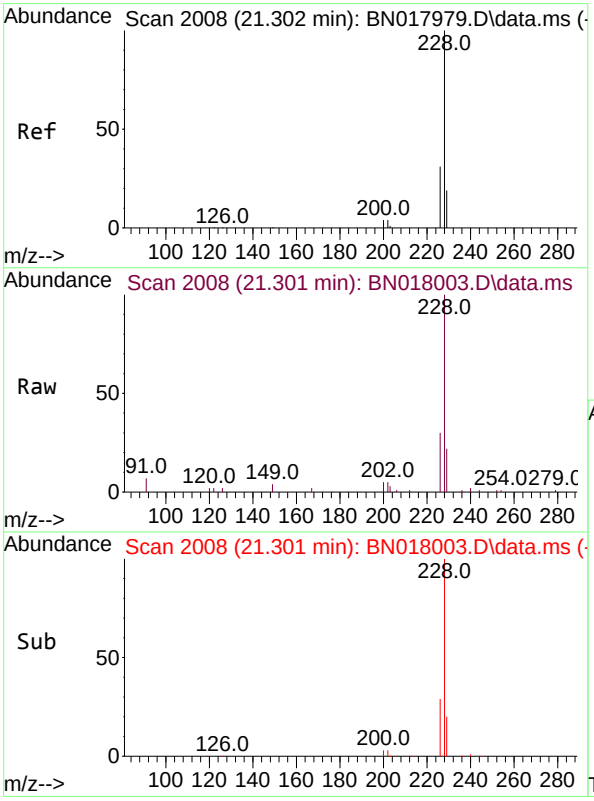
#32
Benzo(a)anthracene
Concen: 0.494 ng
RT: 21.248 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:228 Resp: 253785

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.3	31.9
229	21.4	15.9	23.9

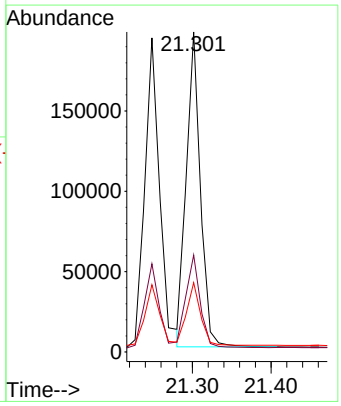


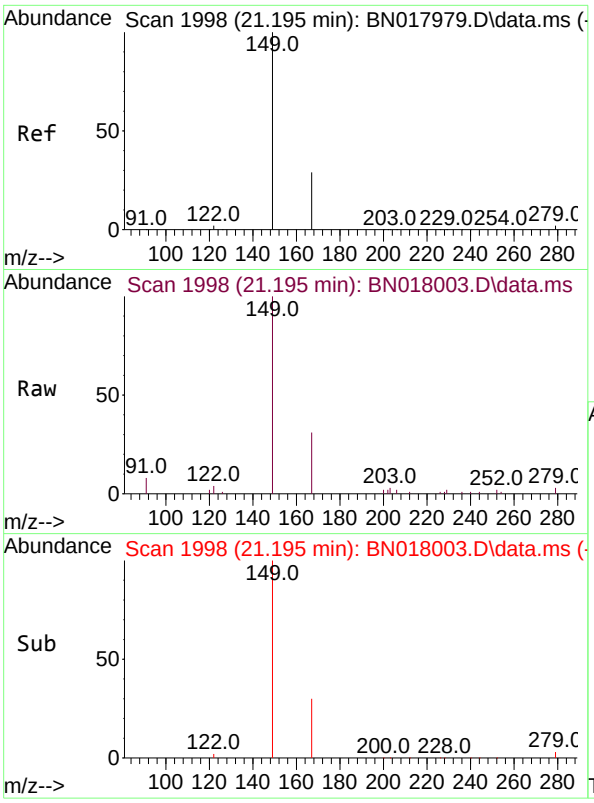


#33
Chrysene
Concen: 0.443 ng
RT: 21.301 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:228 Resp: 242971

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	21.7	15.5	23.3



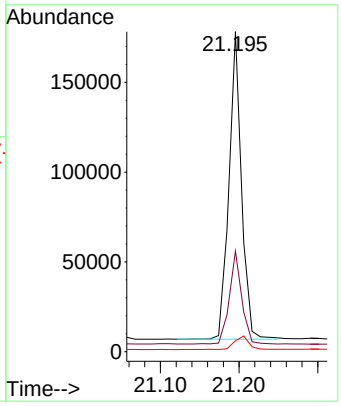


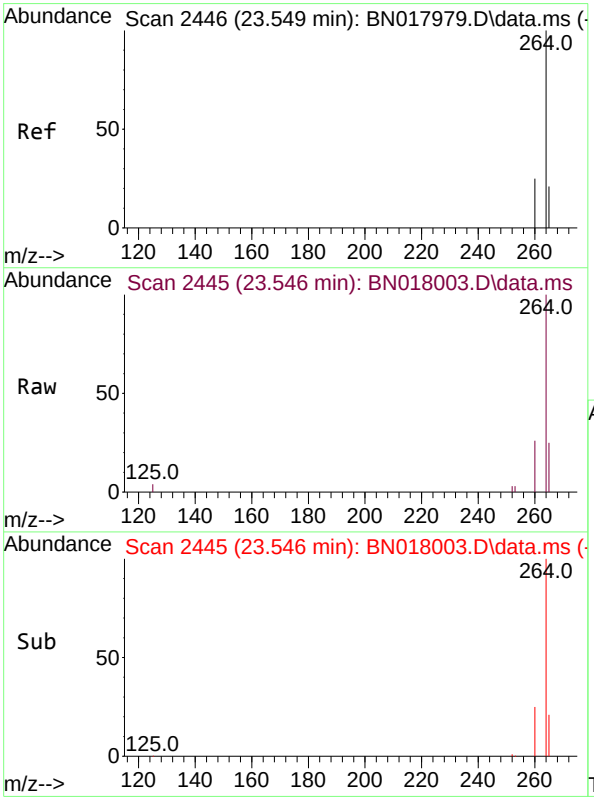
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.747 ng
RT: 21.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:149 Resp: 188405

Ion	Ratio	Lower	Upper
149	100		
167	30.0	23.7	35.5
279	5.1	3.6	5.4

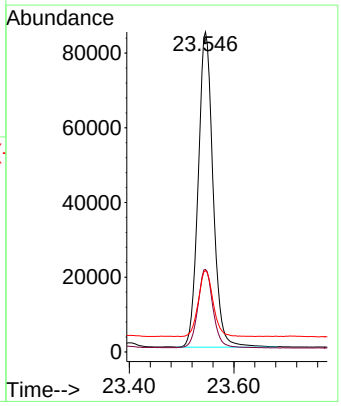


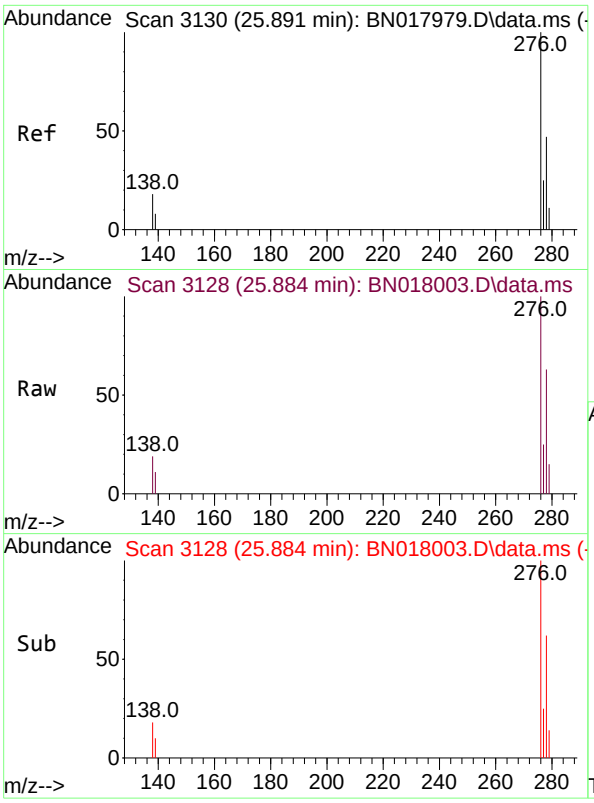


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:264 Resp: 166004

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.2	30.4
265	25.5	18.2	27.2



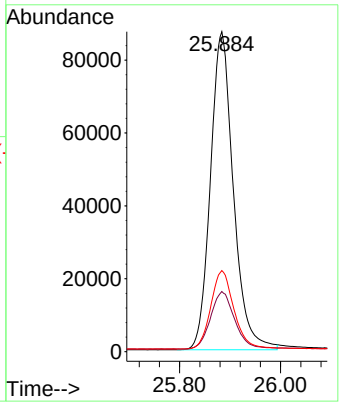


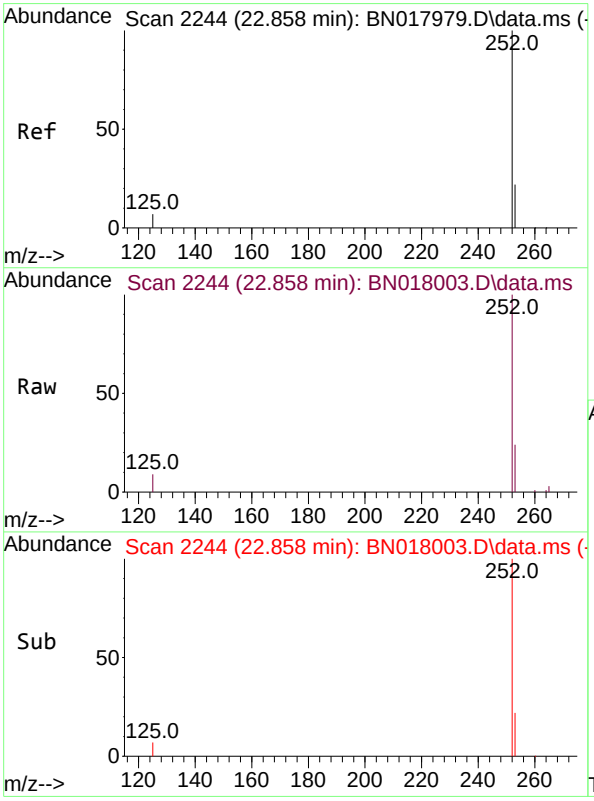
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.495 ng
RT: 25.884 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:276 Resp: 275264

Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.9	22.3
277	25.0	19.9	29.9

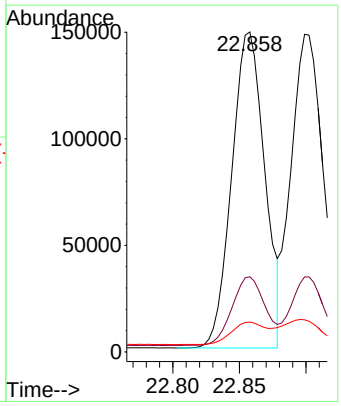


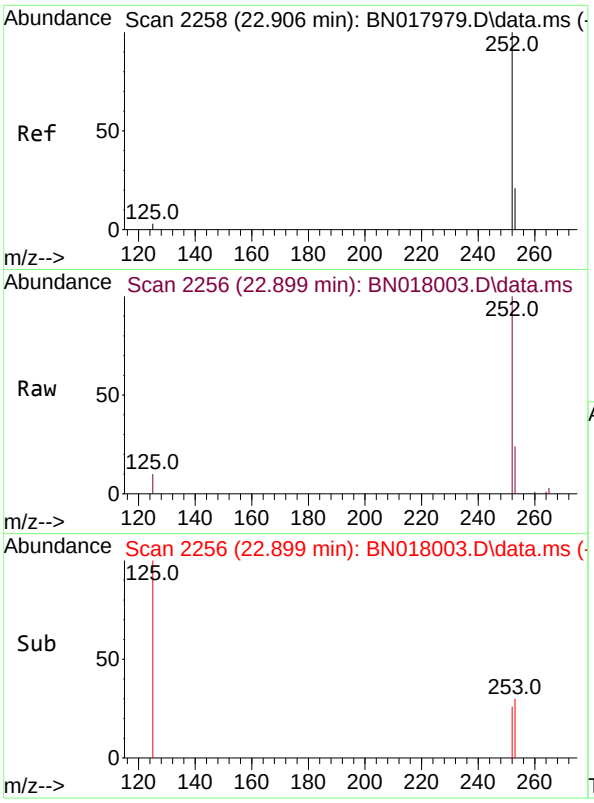


#37
Benzo(b)fluoranthene
Concen: 0.517 ng
RT: 22.858 min Scan# 2244
Delta R.T. -0.000 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:252 Resp: 254888

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	9.4	6.0	9.0#



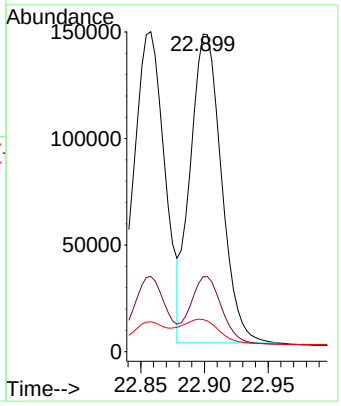


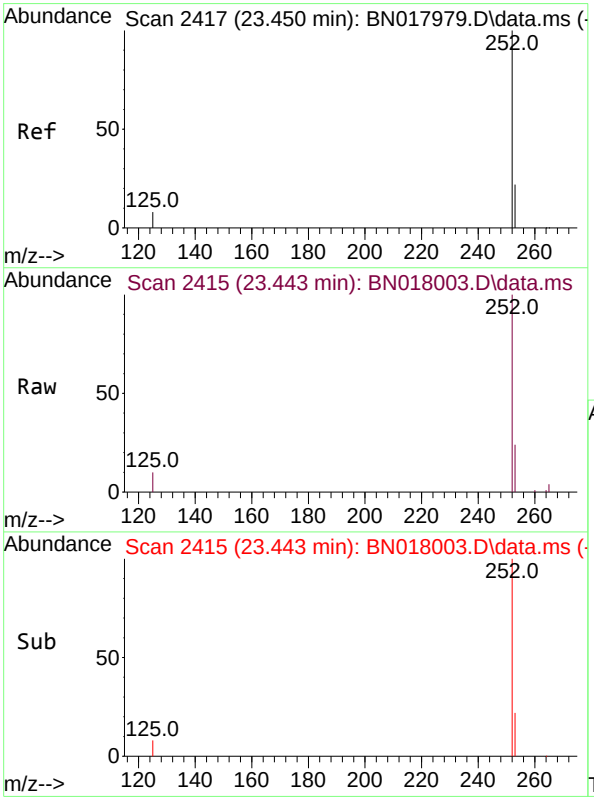
#38
Benzo(k)fluoranthene
Concen: 0.512 ng
RT: 22.899 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:252 Resp: 246578

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	10.1	6.2	9.2#

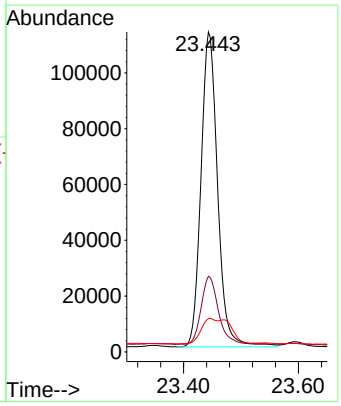


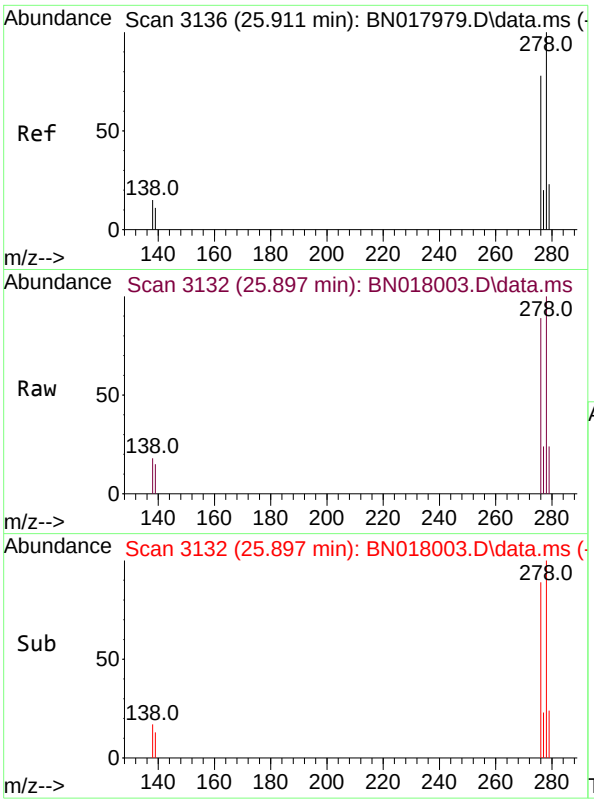


#39
Benzo(a)pyrene
Concen: 0.451 ng
RT: 23.443 min Scan# 2415
Delta R.T. -0.007 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:252 Resp: 226349

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.4	7.0	10.4



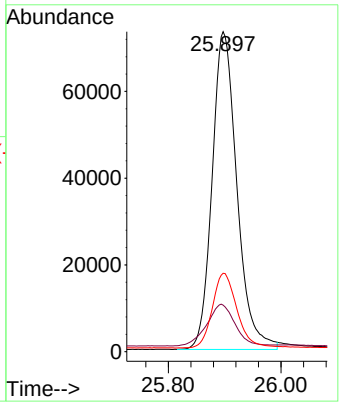


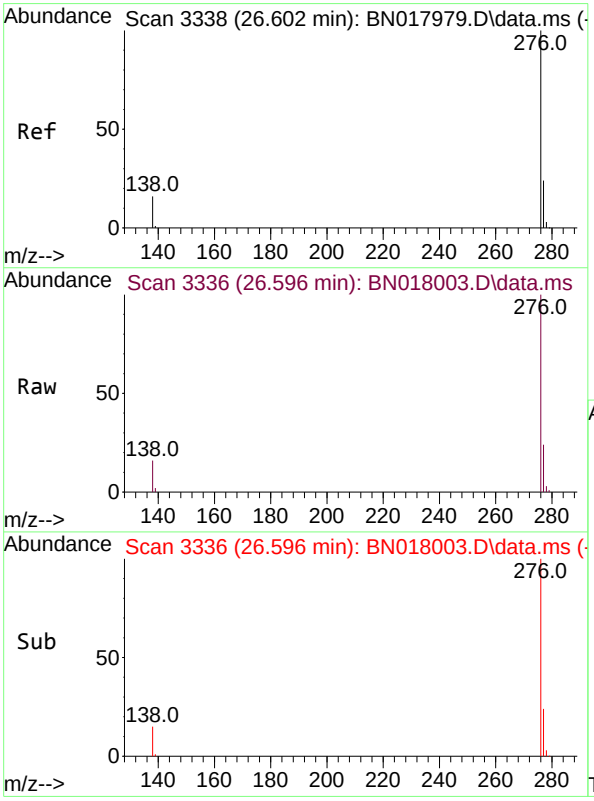
#40
Dibenzo(a,h)anthracene
Concen: 0.517 ng
RT: 25.897 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Tgt Ion:278 Resp: 223881

Ion	Ratio	Lower	Upper
278	100		
139	14.5	10.8	16.2
279	24.5	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.451 ng
RT: 26.596 min Scan# 3336
Delta R.T. -0.007 min
Lab File: BN018003.D
Acq: 14 Dec 2021 14:41

Tgt Ion:276 Resp: 234432

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	16.4	12.6	19.0