Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018128.D
Acq On : 20 Dec 2021 18:40
Operator : CG/JU
Sample : PB141551BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 19:38:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration

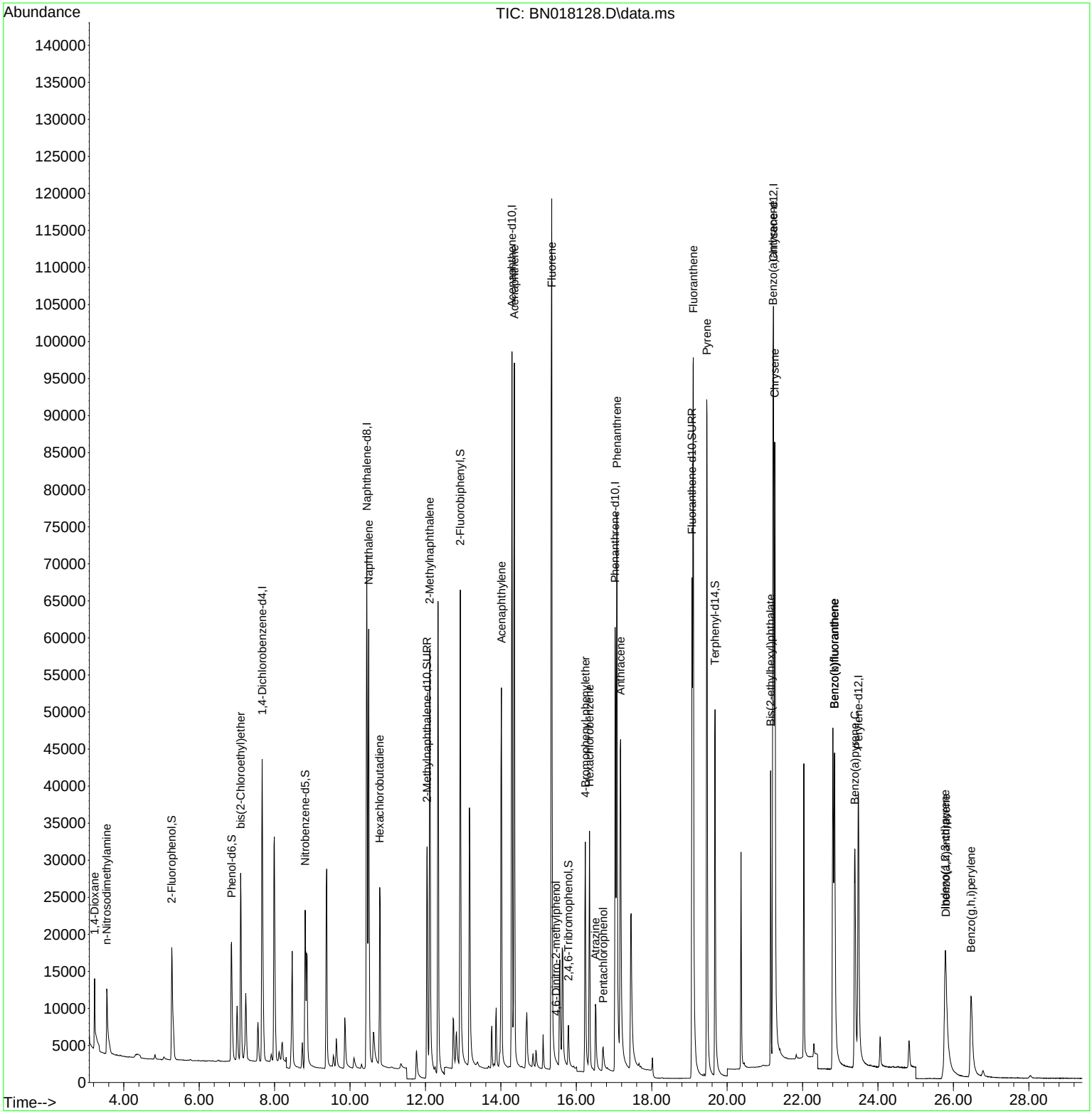
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	24683	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	99243	0.400	ng		0.00
13) Acenaphthene-d10	14.294	164	57904	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	107283	0.400	ng	#	0.00
29) Chrysene-d12	21.228	240	85344	0.400	ng		0.00
35) Perylene-d12	23.478	264	62035	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.273	112	19821	0.370	ng		0.00
5) Phenol-d6	6.859	99	19530	0.364	ng		0.00
8) Nitrobenzene-d5	8.810	82	20303	0.288	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	54521	0.331	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	6368	0.363	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	67700	0.336	ng		0.00
27) Fluoranthene-d10	19.068	212	109038	0.304	ng		0.00
31) Terphenyl-d14	19.679	244	71121	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	5909	0.384	ng	#	59
3) n-Nitrosodimethylamine	3.549	42	7832	0.340	ng		99
6) bis(2-Chloroethyl)ether	7.099	93	22148	0.350	ng		100
9) Naphthalene	10.496	128	82532	0.331	ng		100
10) Hexachlorobutadiene	10.787	225	22590	0.330	ng	#	100
12) 2-Methylnaphthalene	12.114	142	52370	0.337	ng		100
16) Acenaphthylene	14.015	152	66260	0.277	ng		100
17) Acenaphthene	14.358	154	49958	0.328	ng		100
18) Fluorene	15.347	166	59456	0.318	ng		100
20) 4,6-Dinitro-2-methylph...	15.462	198	273	0.230	ng	#	33
21) 4-Bromophenyl-phenylether	16.239	248	20722	0.319	ng	#	87
22) Hexachlorobenzene	16.348	284	26958	0.348	ng		99
23) Atrazine	16.507	200	12074	0.297	ng		96
24) Pentachlorophenol	16.713	266	3375	0.403	ng		99
25) Phenanthrene	17.079	178	91960	0.337	ng		100
26) Anthracene	17.176	178	70851	0.287	ng		100
28) Fluoranthene	19.103	202	109071	0.320	ng		100
30) Pyrene	19.460	202	108268	0.386	ng		100
32) Benzo(a)anthracene	21.217	228	71402	0.278	ng		99
33) Chrysene	21.259	228	93622	0.342	ng		100
34) Bis(2-ethylhexyl)phtha...	21.153	149	34301	0.272	ng		99
36) Indeno(1,2,3-cd)pyrene	25.781	276	36550	0.176	ng		100
37) Benzo(b)fluoranthene	22.848	252	77814	0.422	ng		99
38) Benzo(k)fluoranthene	22.848	252	60013	0.334	ng		99
39) Benzo(a)pyrene	23.385	252	59136	0.315	ng	#	88
40) Dibenzo(a,h)anthracene	25.798	278	23857	0.147	ng		96
41) Benzo(g,h,i)perylene	26.466	276	37847	0.195	ng		98

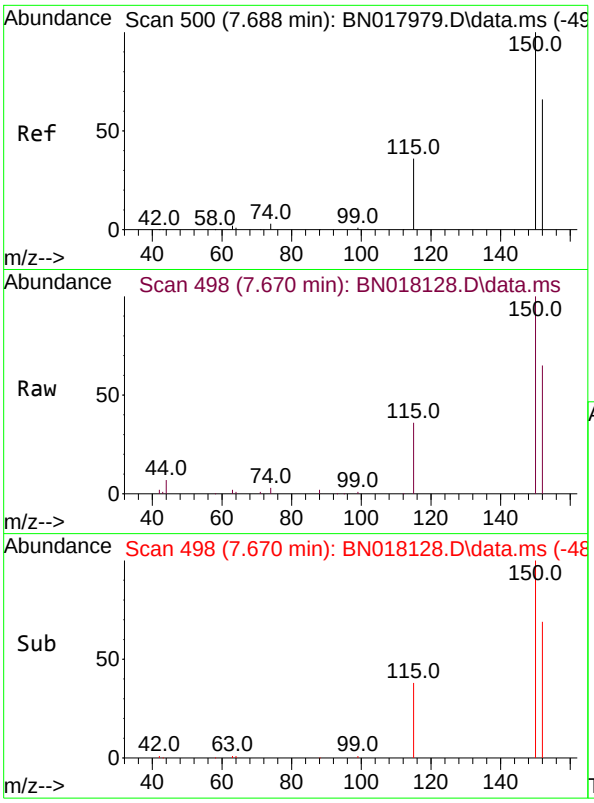
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018128.D
Acq On : 20 Dec 2021 18:40
Operator : CG/JU
Sample : PB141551BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 20 19:38:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 20 14:16:44 2021
Response via : Initial Calibration



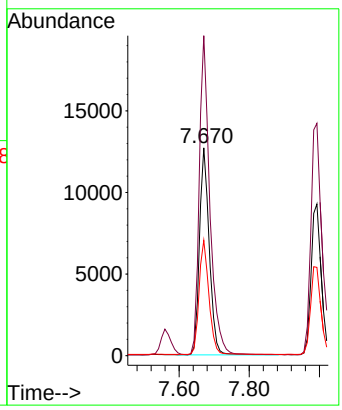


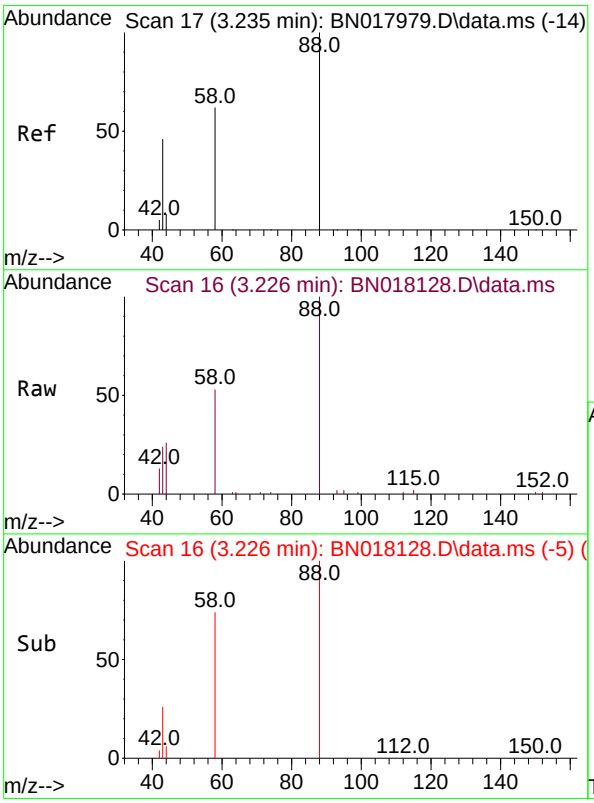
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 24683

Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.7	182.5
115	55.5	43.8	65.8

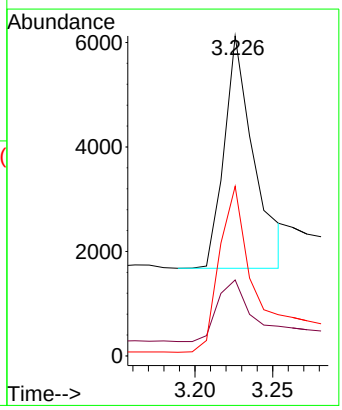


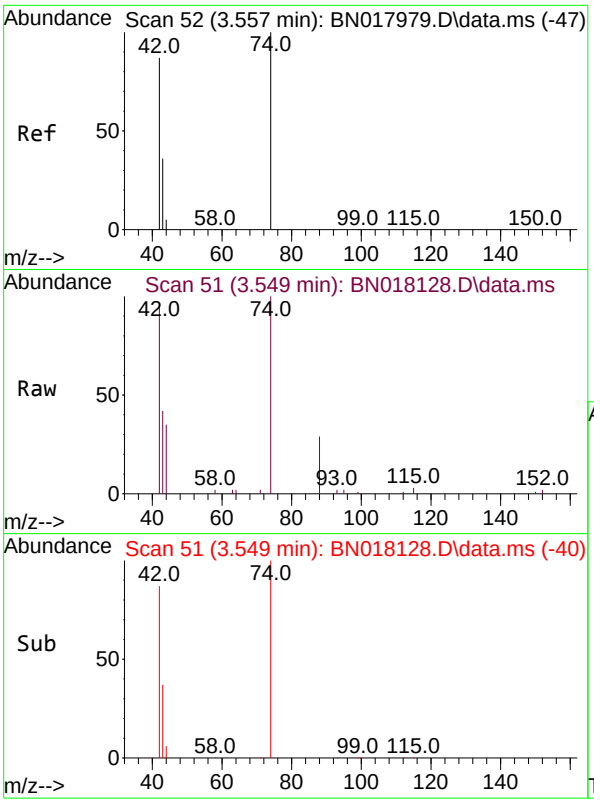


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.226 min Scan# 16
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion: 88 Resp: 5909

Ion	Ratio	Lower	Upper
88	100		
43	31.3	69.7	104.5#
58	79.1	83.8	125.8#



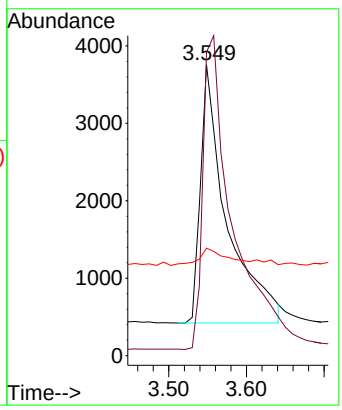


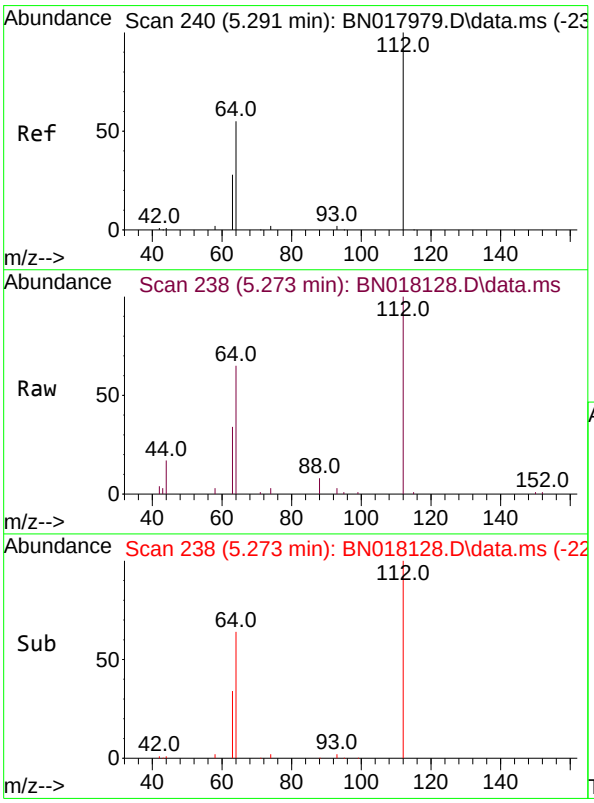
#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.549 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 7832

Ion	Ratio	Lower	Upper
42	100		
74	134.8	108.6	163.0
44	6.9	5.8	8.8

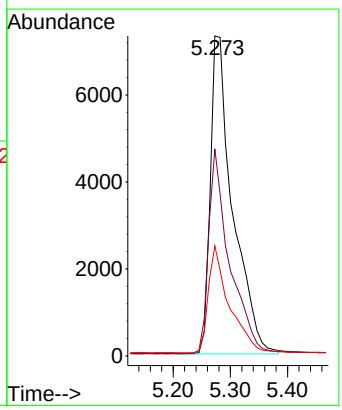


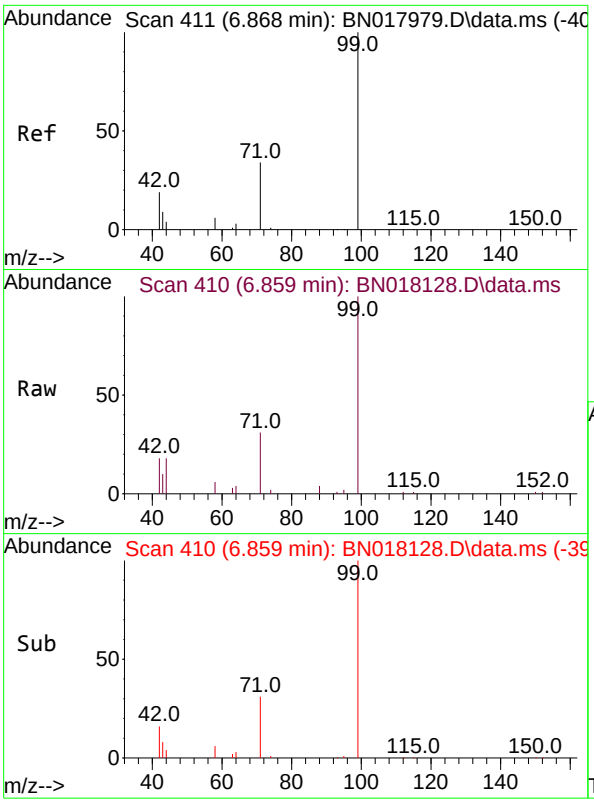


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:112 Resp: 19821

Ion	Ratio	Lower	Upper
112	100		
64	59.9	48.0	72.0
63	31.4	25.3	37.9



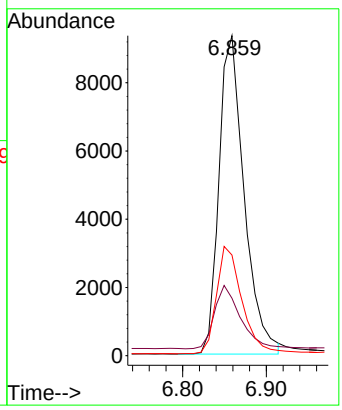


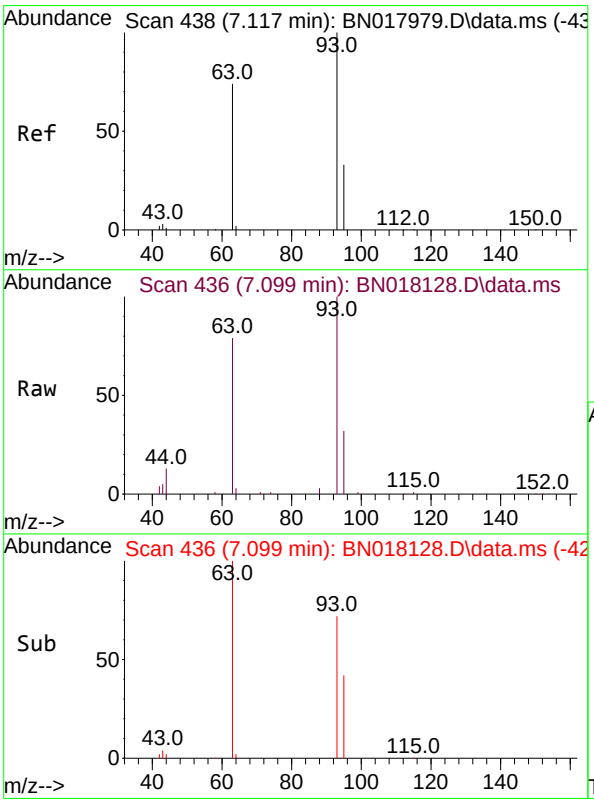
#5
Phenol-d6
Concen: 0.364 ng
RT: 6.859 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 19530

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.3	24.5
71	33.8	26.8	40.2

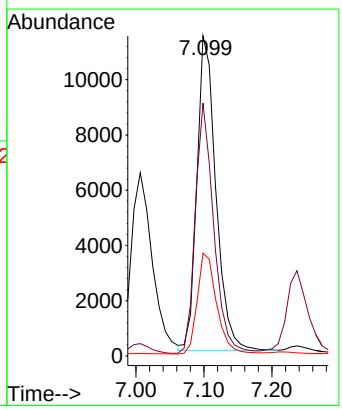


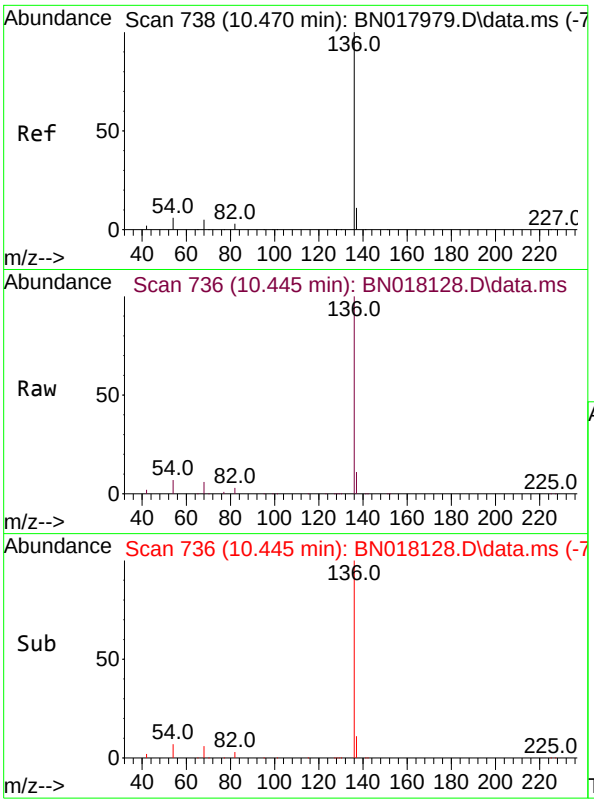


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.099 min Scan# 436
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion: 93 Resp: 22148

Ion	Ratio	Lower	Upper
93	100		
63	77.4	61.7	92.5
95	32.7	26.2	39.4



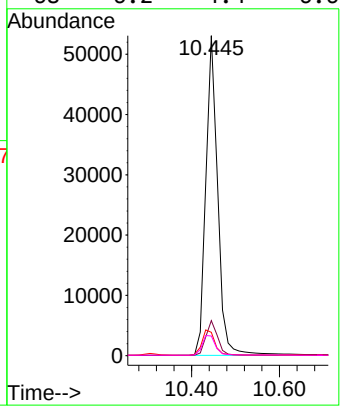


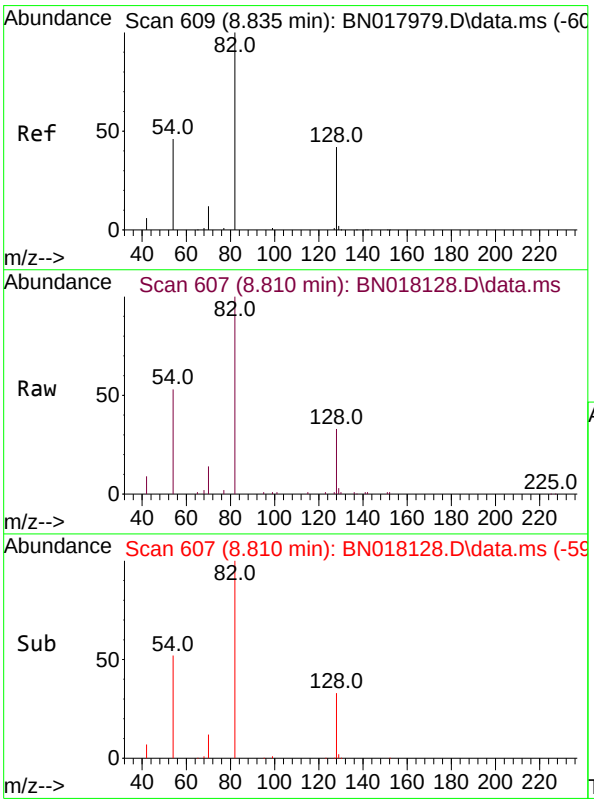
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 99243

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.0	7.6
68	6.2	4.4	6.6

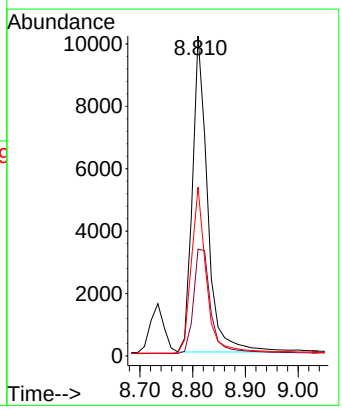


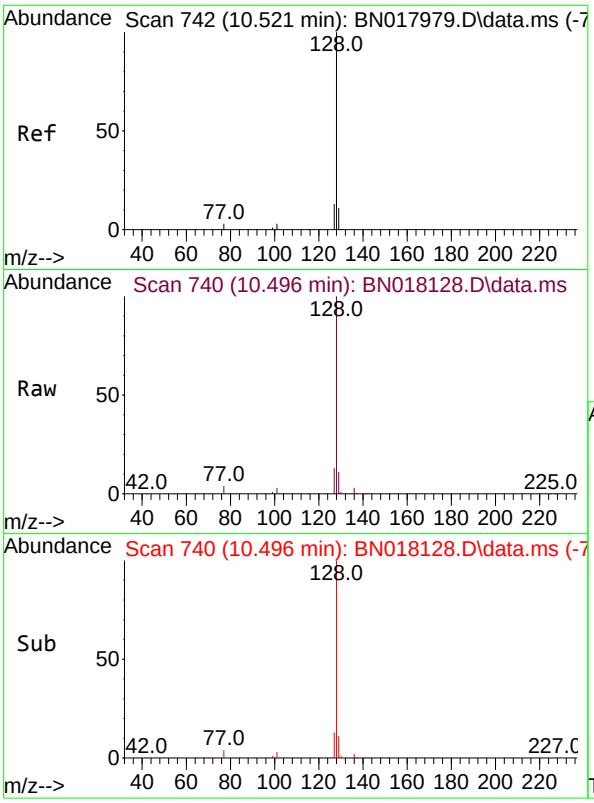


#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.810 min Scan# 607
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion: 82 Resp: 20303

Ion	Ratio	Lower	Upper
82	100		
128	33.4	33.7	50.5#
54	52.8	36.6	55.0



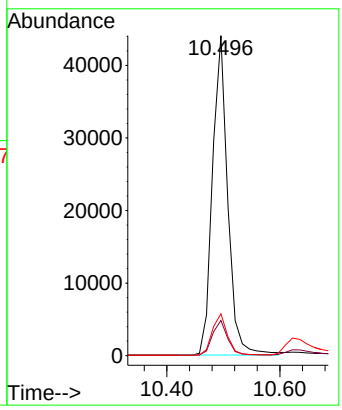


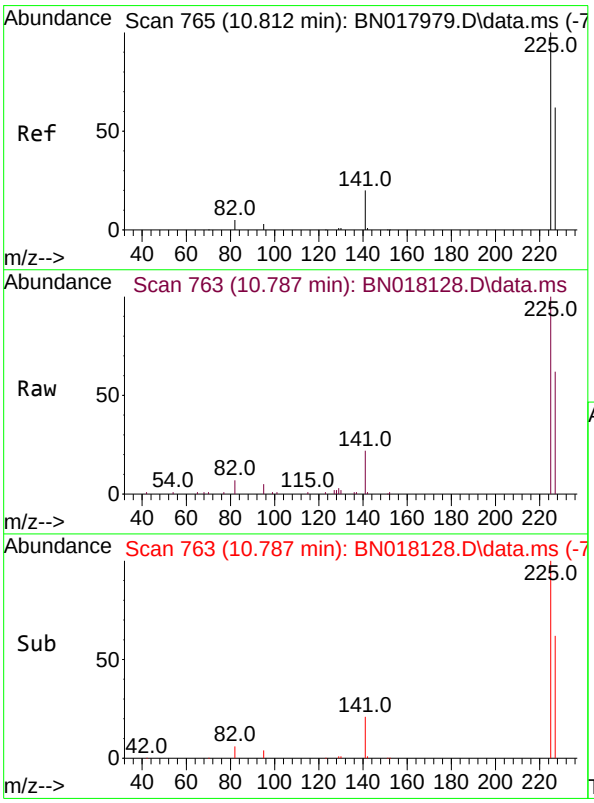
#9
Naphthalene
Concen: 0.331 ng
RT: 10.496 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 82532

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.1	10.4	15.6

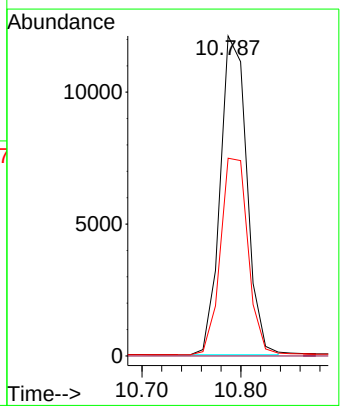


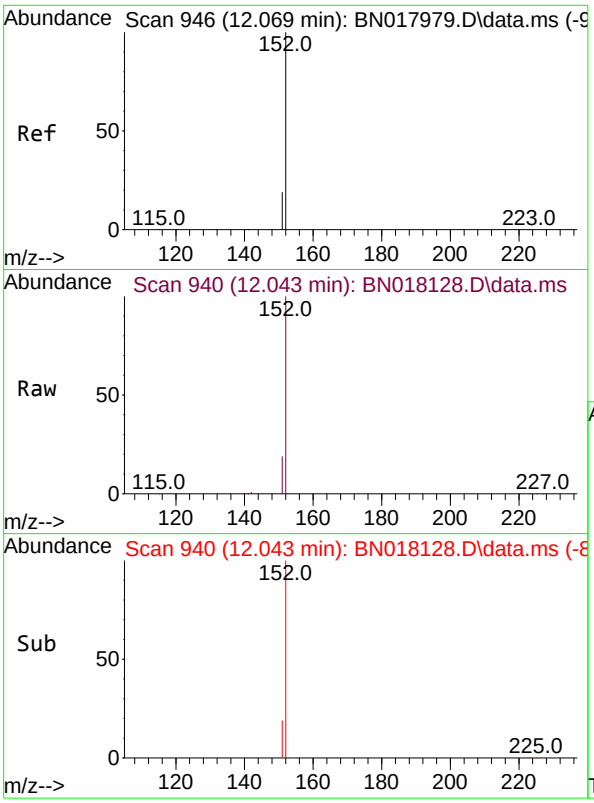


#10
Hexachlorobutadiene
Concen: 0.330 ng
RT: 10.787 min Scan# 763
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:225 Resp: 22590

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



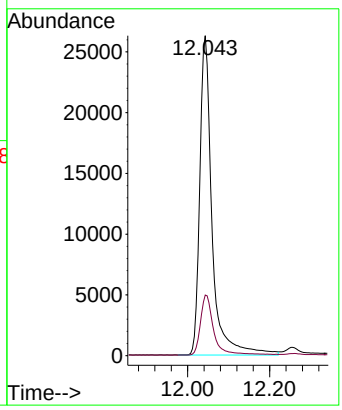


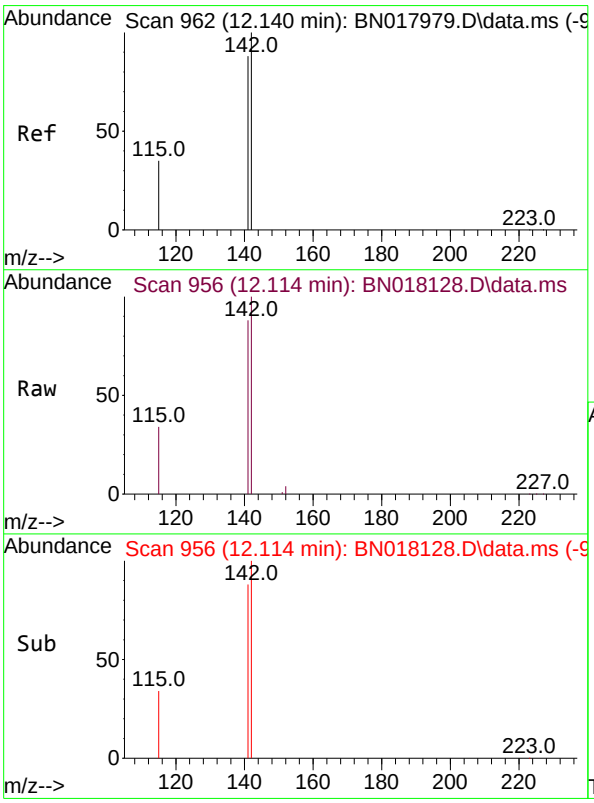
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.043 min Scan# 94
Delta R.T. 0.004 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 54521

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

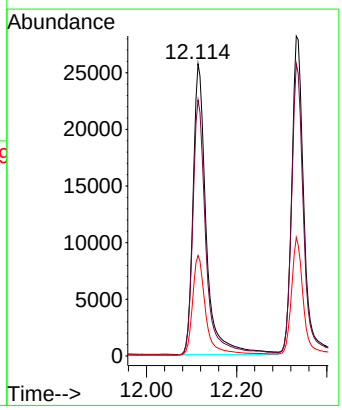


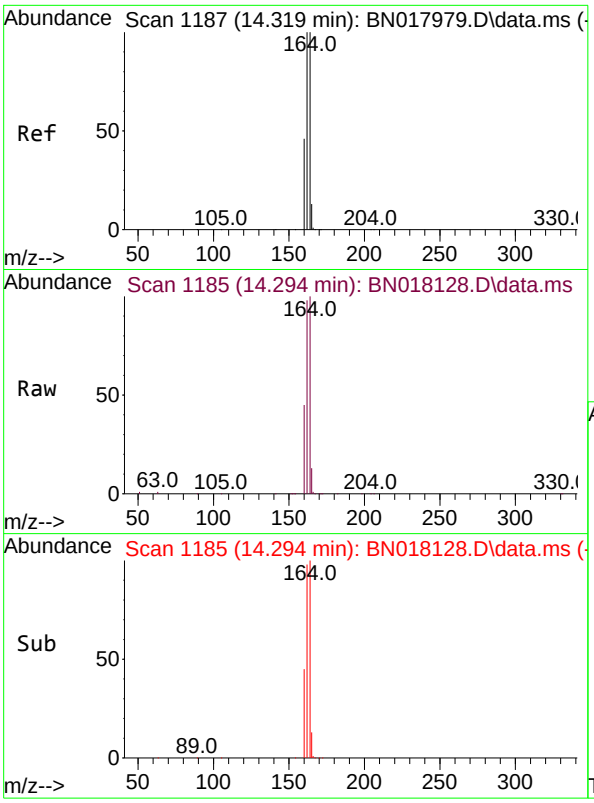


#12
2-Methylnaphthalene
Concen: 0.337 ng
RT: 12.114 min Scan# 956
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:142 Resp: 52370

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.0	105.0
115	34.4	27.8	41.8



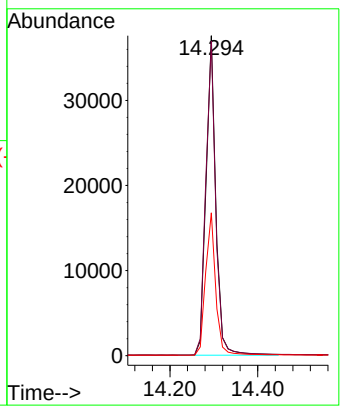


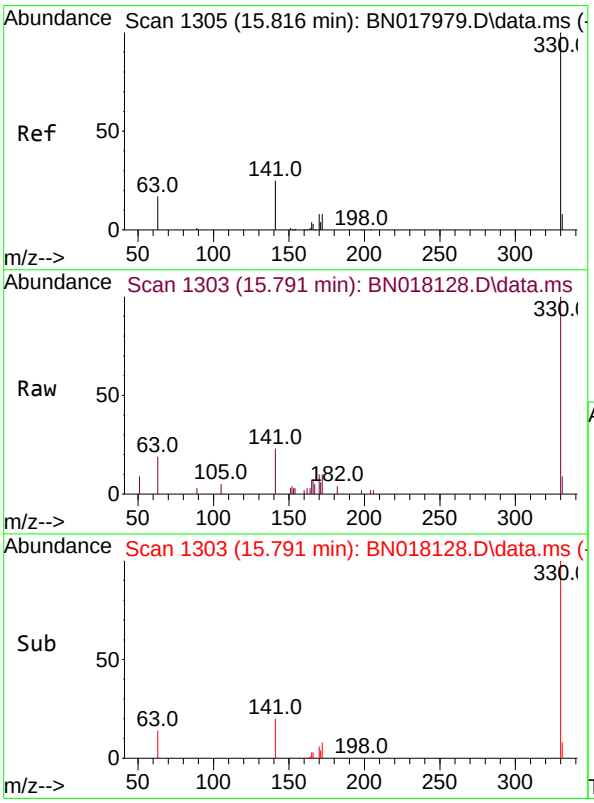
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 57904

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.2	120.2
160	44.6	36.9	55.3

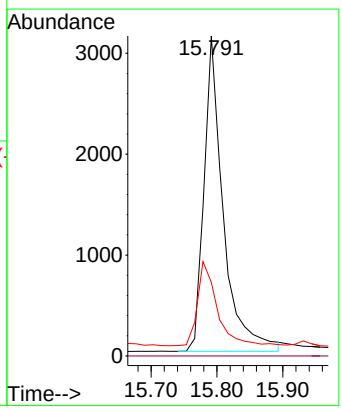


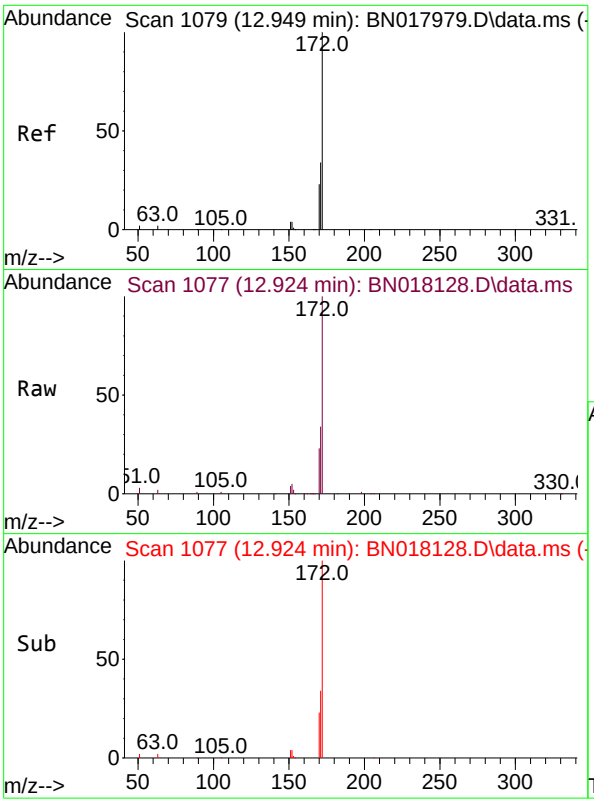


#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:330 Resp: 6368

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



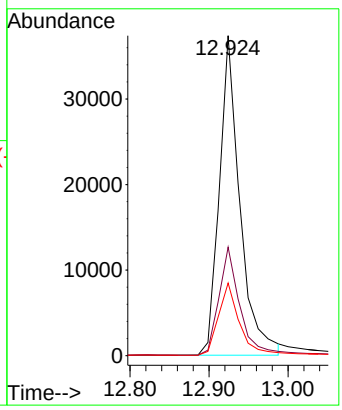


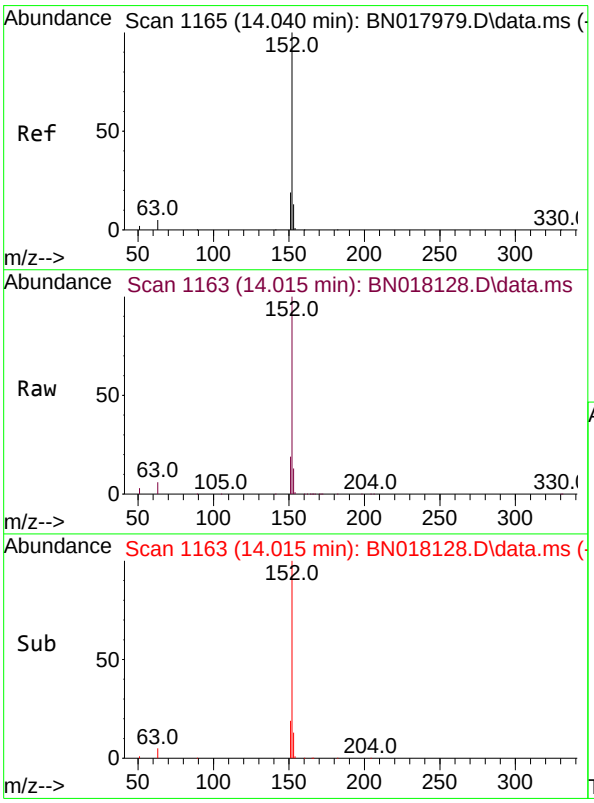
#15
2-Fluorobiphenyl
Concen: 0.336 ng
RT: 12.924 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 67700

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.7	18.4	27.6

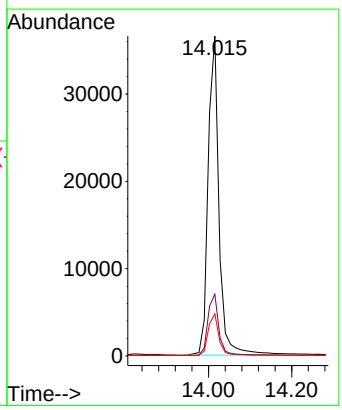


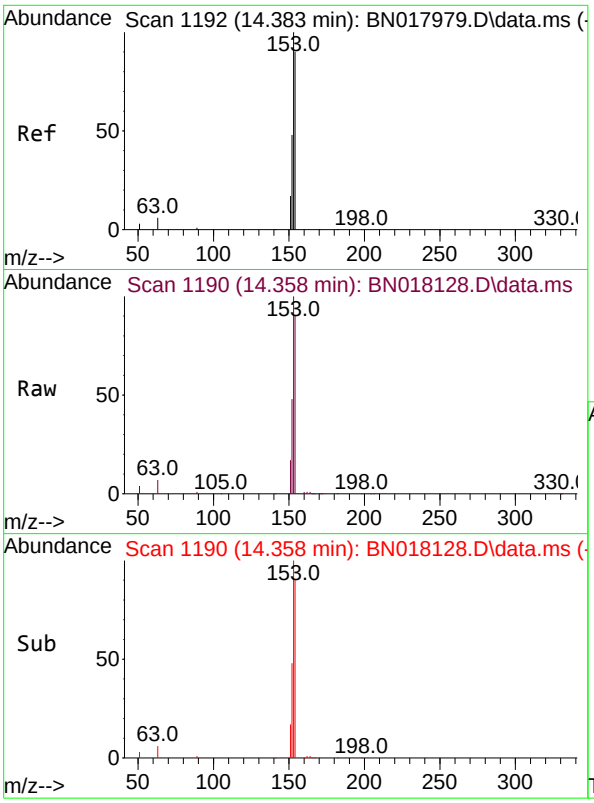


#16
Acenaphthylene
Concen: 0.277 ng
RT: 14.015 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:152 Resp: 66260

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



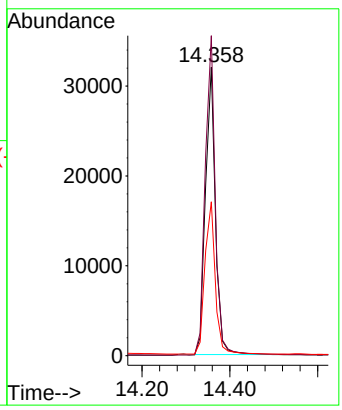


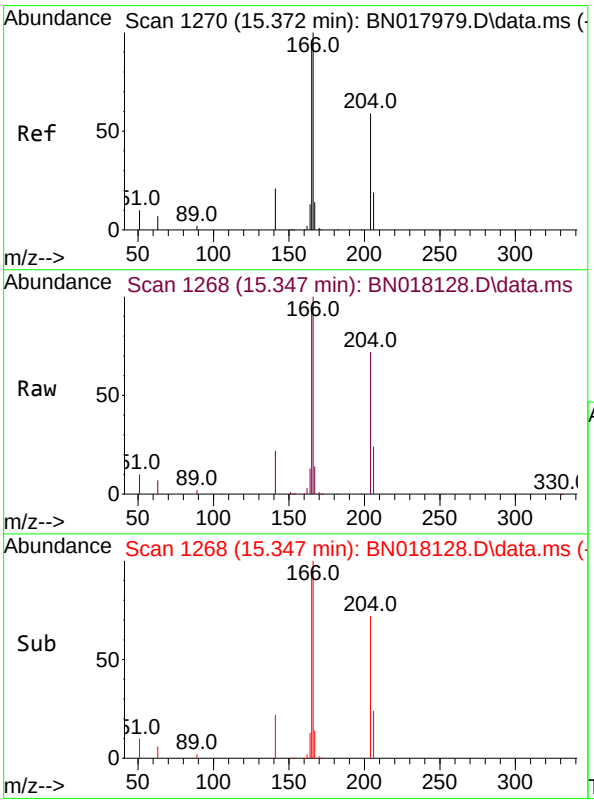
#17
Acenaphthene
Concen: 0.328 ng
RT: 14.358 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 49958

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.9	136.3
152	55.5	45.0	67.4

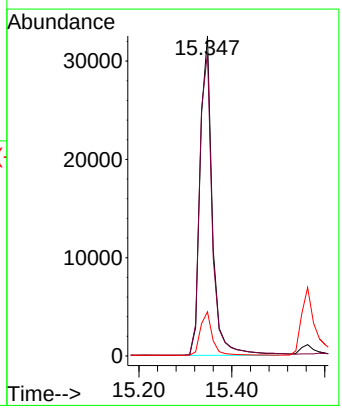


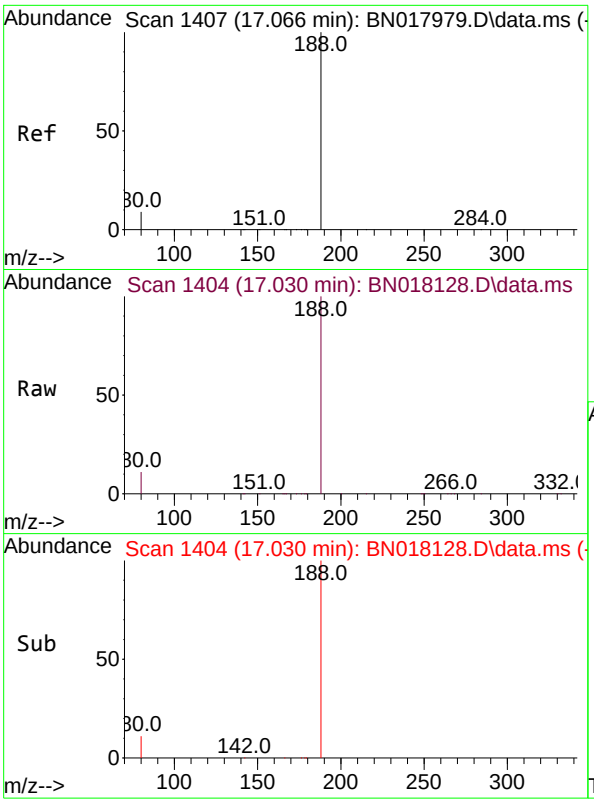


#18
Fluorene
Concen: 0.318 ng
RT: 15.347 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:166 Resp: 59456

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.8	116.6
167	13.5	10.9	16.3



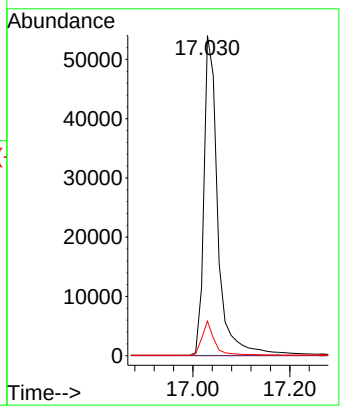


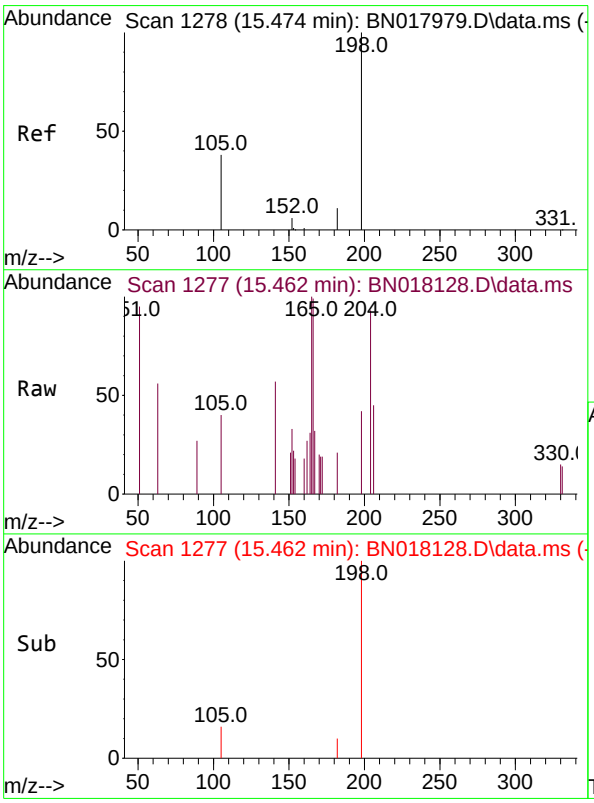
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 107283

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	7.0	10.4#

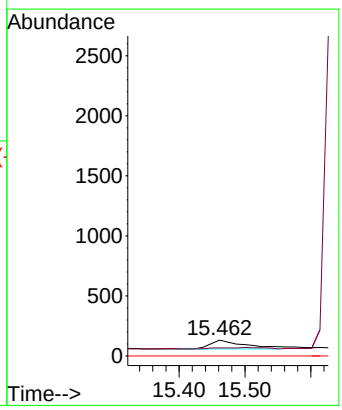


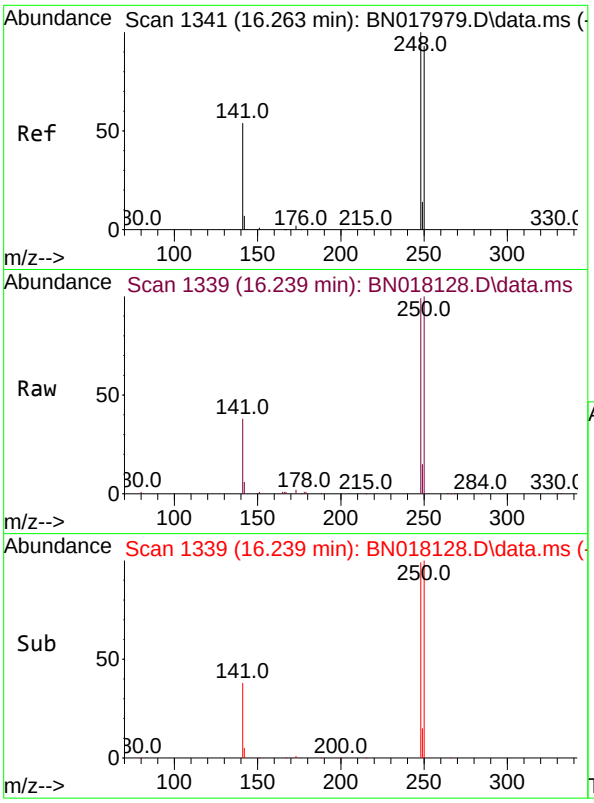


#20
4,6-Dinitro-2-methylphenol
Concen: 0.230 ng
RT: 15.462 min Scan# 1277
Delta R.T. 0.025 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:198 Resp: 273

Ion	Ratio	Lower	Upper
198	100		
182	50.0	15.5	23.3#
77	0.0	0.0	0.0



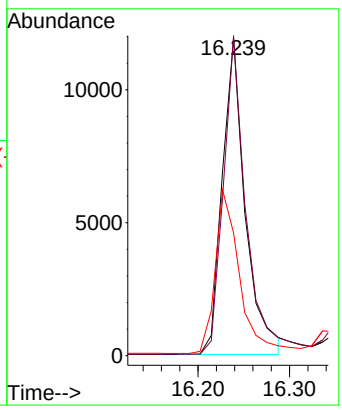


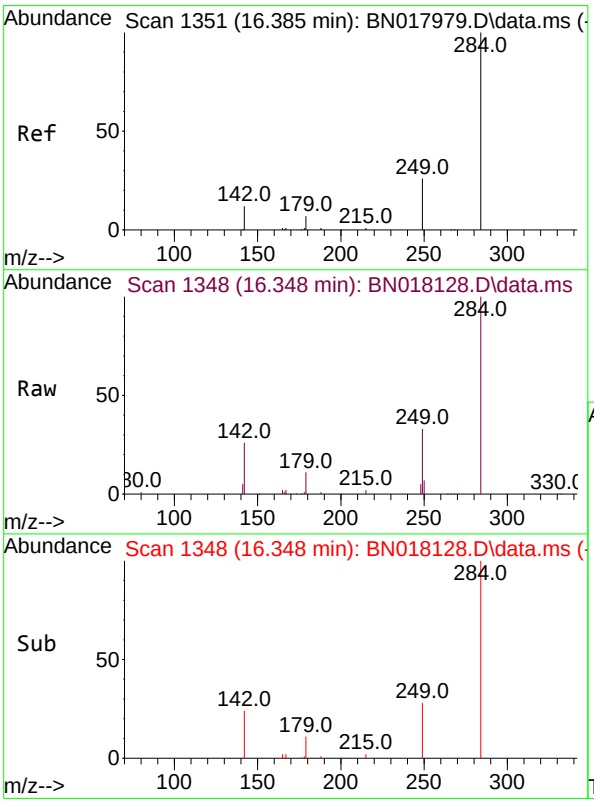
#21
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 20722

Ion	Ratio	Lower	Upper
248	100		
250	100.7	74.4	111.6
141	38.6	43.7	65.5#

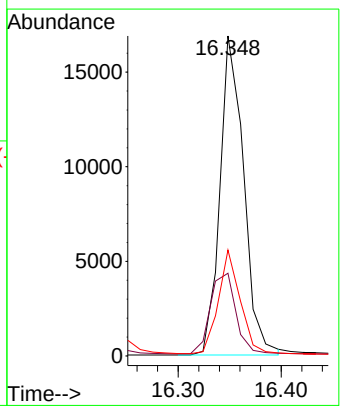


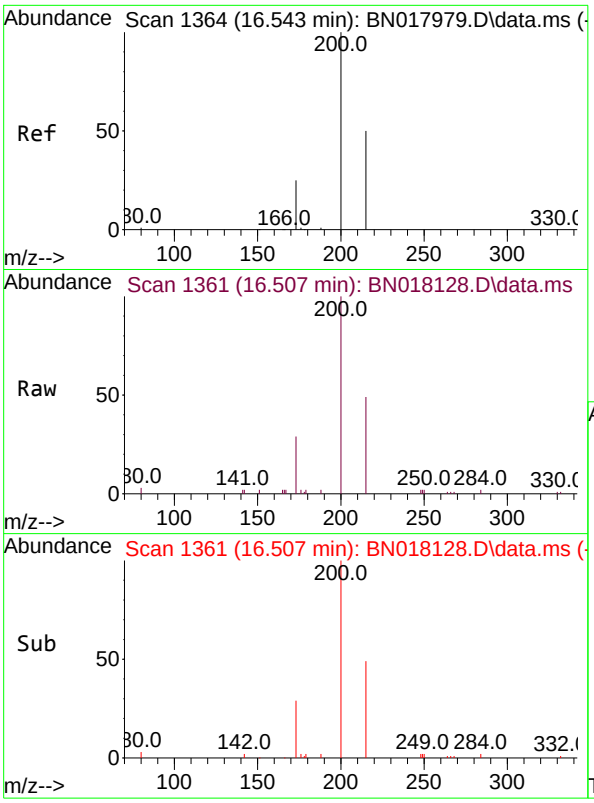


#22
Hexachlorobenzene
Concen: 0.348 ng
RT: 16.348 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:284 Resp: 26958

Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	29.7	23.5	35.3



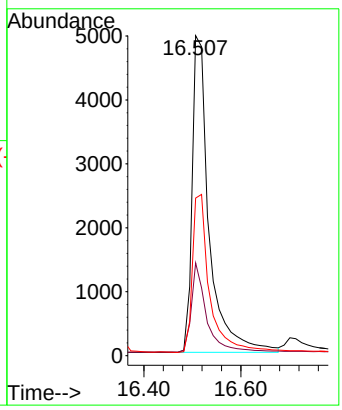


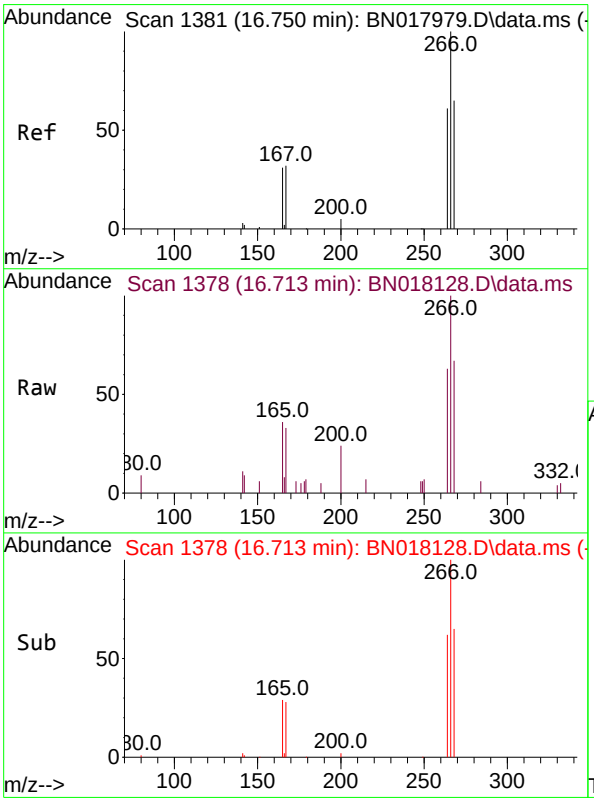
#23
Atrazine
Concen: 0.297 ng
RT: 16.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 12074

Ion	Ratio	Lower	Upper
200	100		
173	29.0	20.3	30.5
215	49.3	40.4	60.6

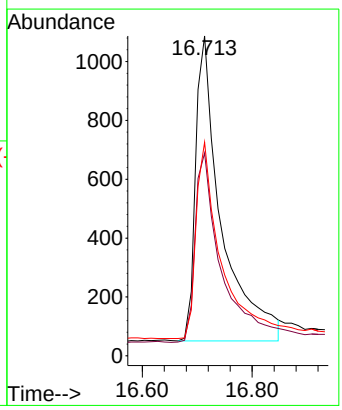


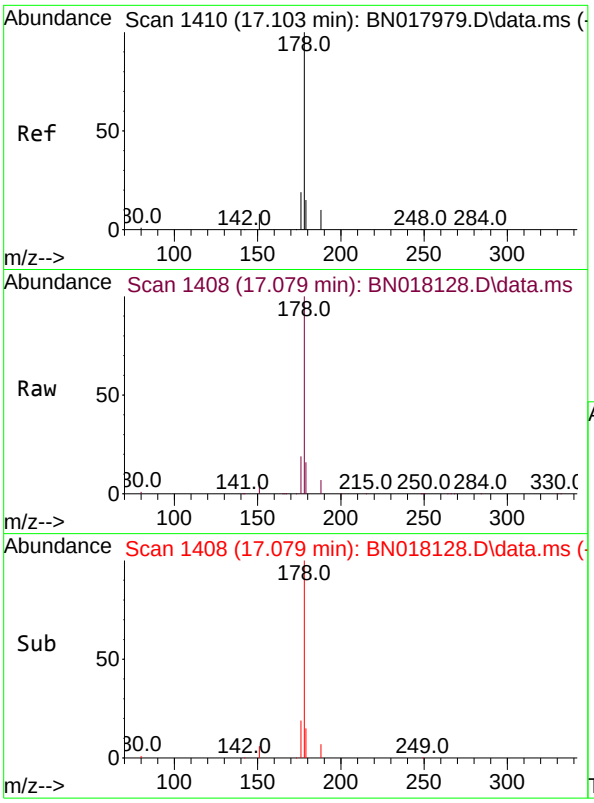


#24
Pentachlorophenol
Concen: 0.403 ng
RT: 16.713 min Scan# 1378
Delta R.T. 0.012 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:266 Resp: 3375

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.5	74.3
268	63.2	50.6	76.0



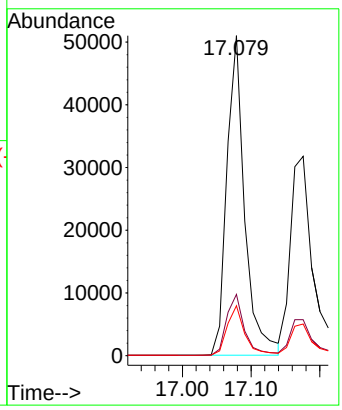


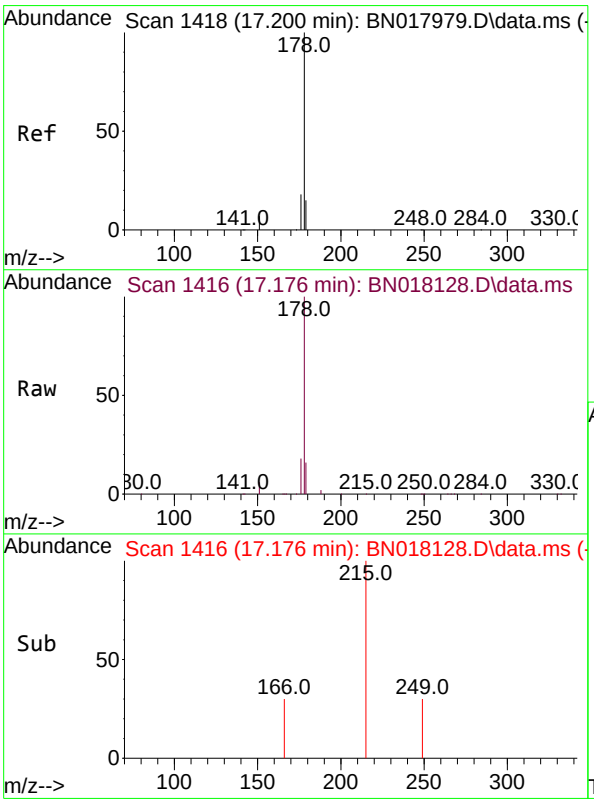
#25
Phenanthrene
Concen: 0.337 ng
RT: 17.079 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 91960

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.3	18.5

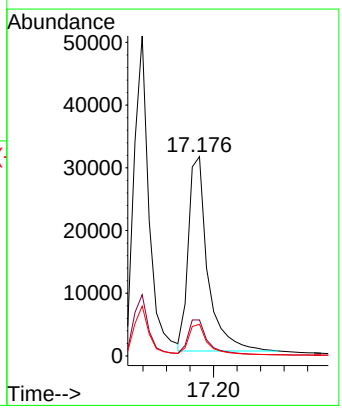


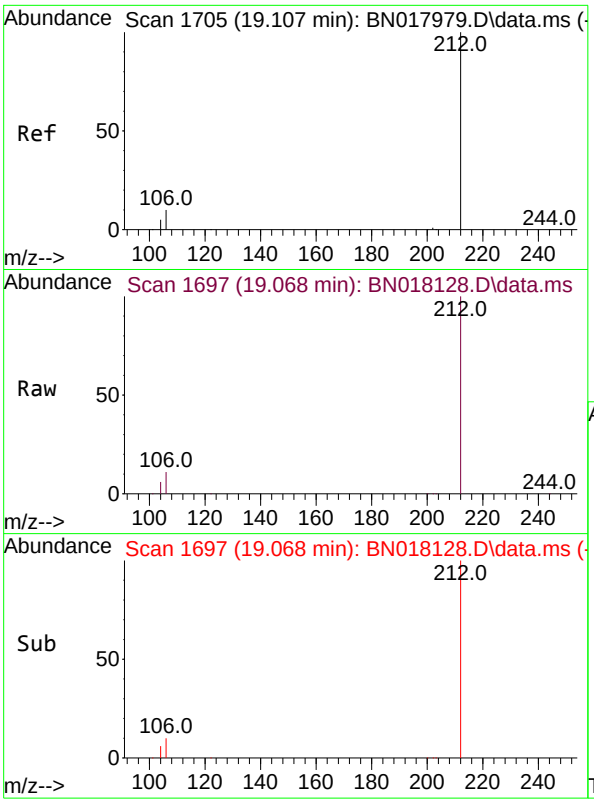


#26
Anthracene
Concen: 0.287 ng
RT: 17.176 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:178 Resp: 70851

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.6	12.2	18.4



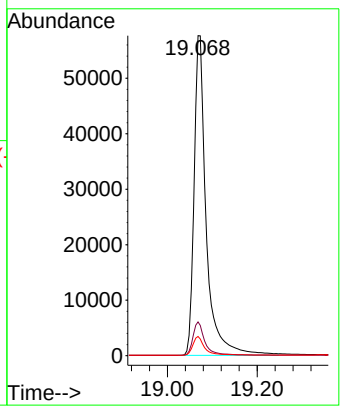


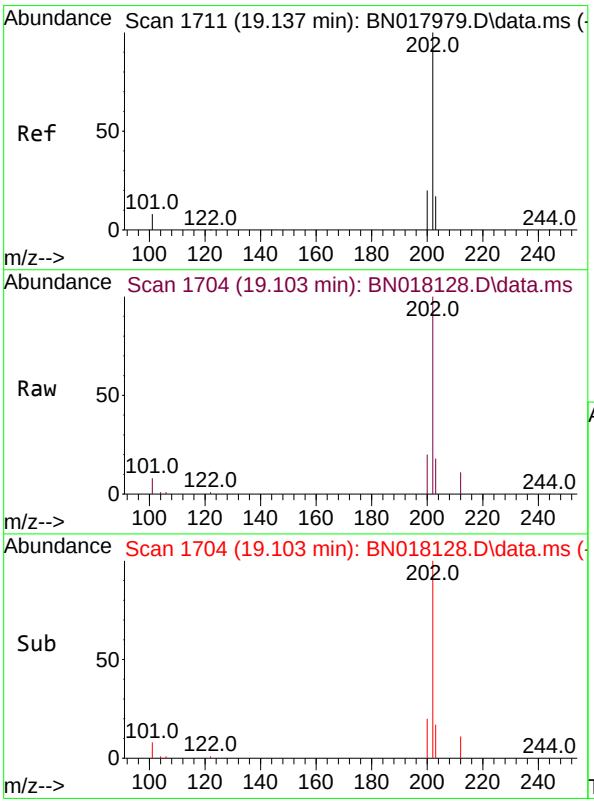
#27
Fluoranthene-d10
Concen: 0.304 ng
RT: 19.068 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 109038

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

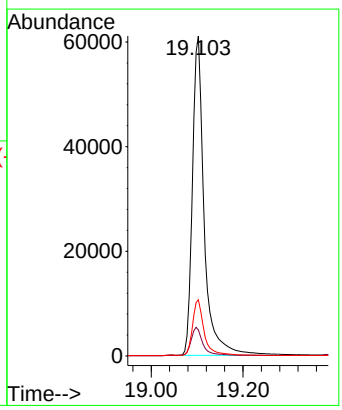


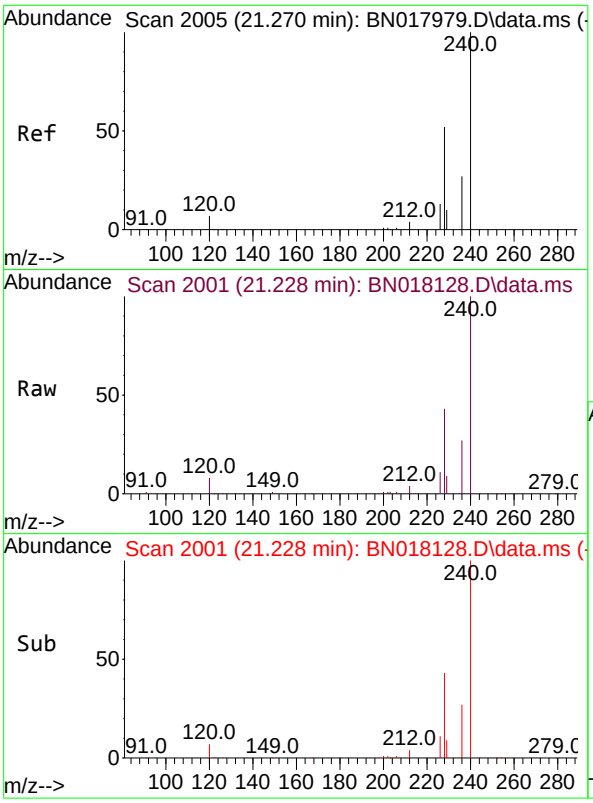


#28
Fluoranthene
Concen: 0.320 ng
RT: 19.103 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:202 Resp: 109071

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.0	13.7	20.5



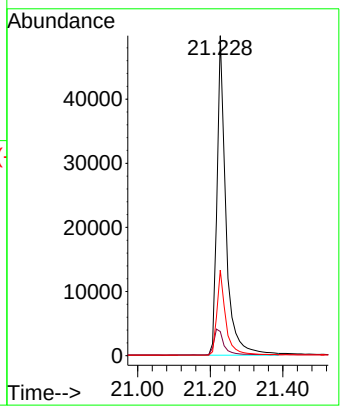


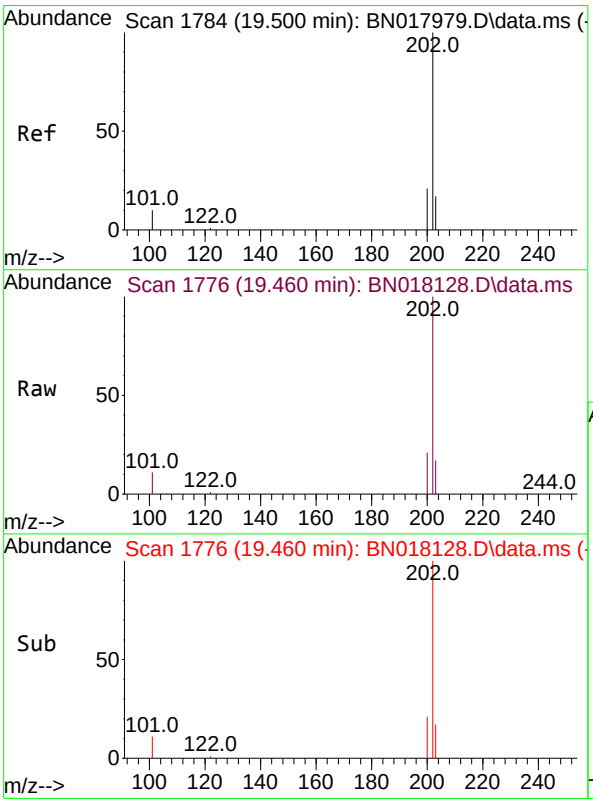
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2(
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 85344

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.0	9.0
236	26.8	21.4	32.2

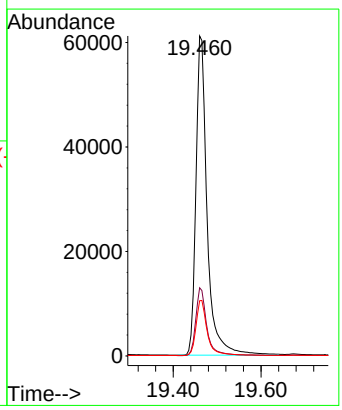


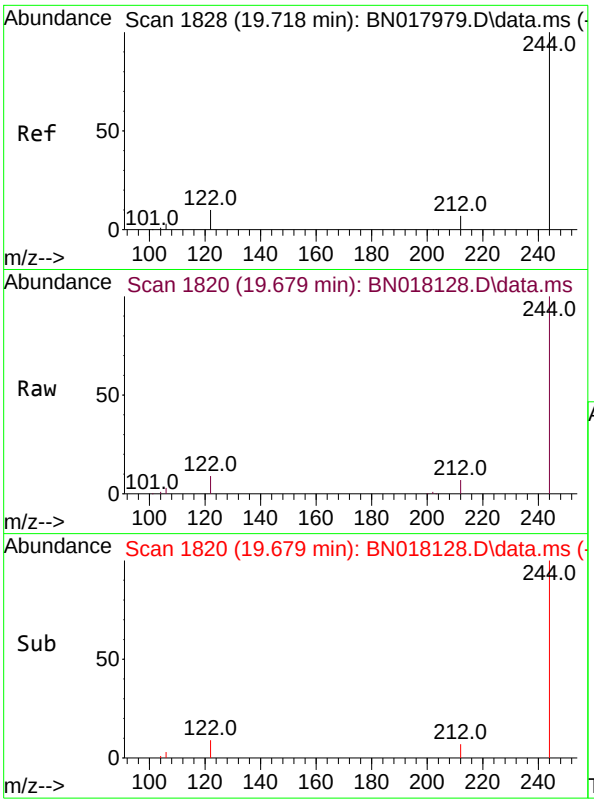


#30
Pyrene
Concen: 0.386 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:202 Resp: 108268

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.5	14.1	21.1



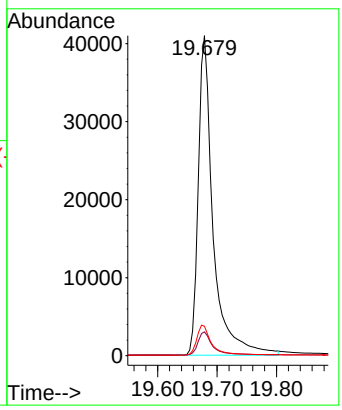


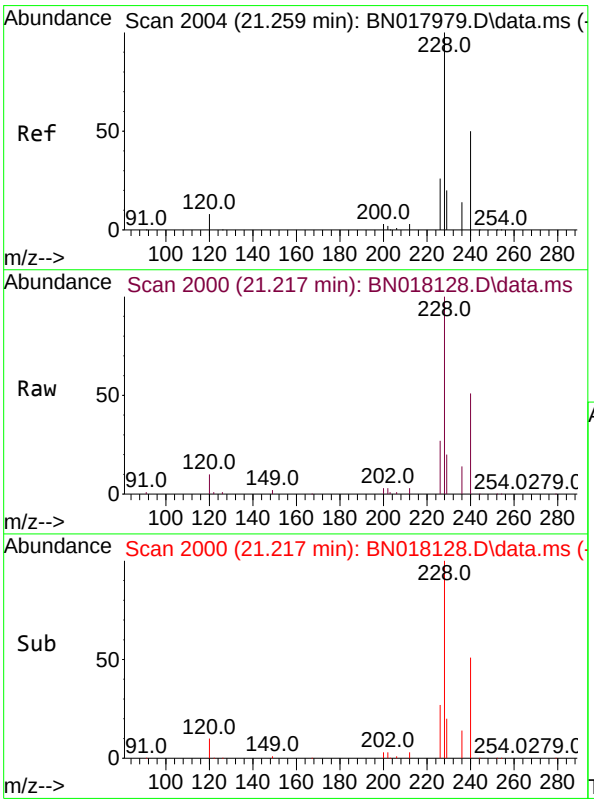
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.679 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 71121

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.2	7.9	11.9

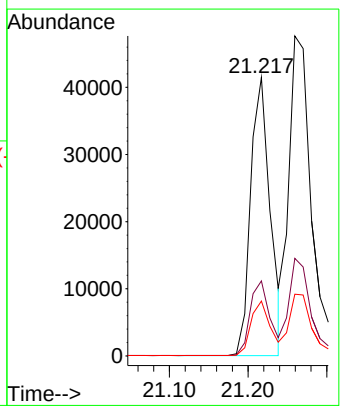


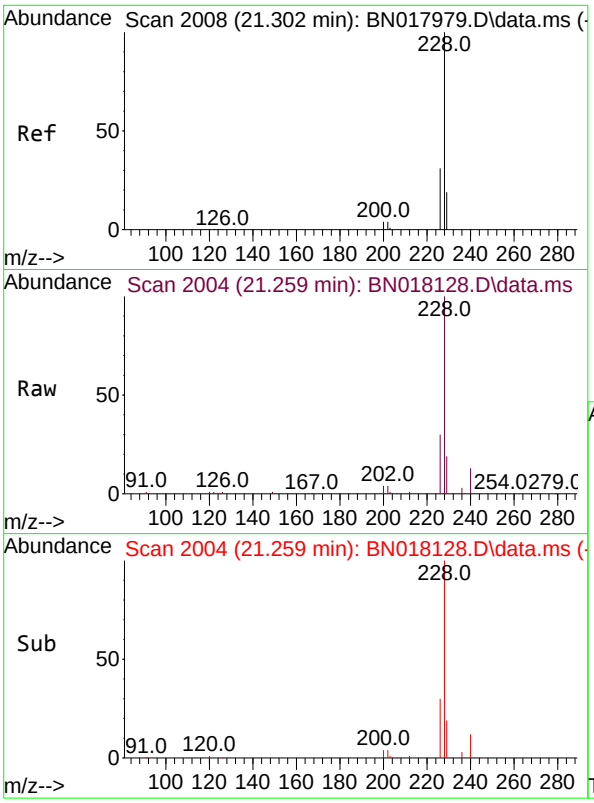


#32
Benzo(a)anthracene
Concen: 0.278 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:228 Resp: 71402

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.7	15.9	23.9



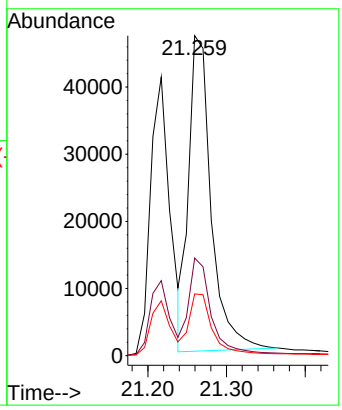


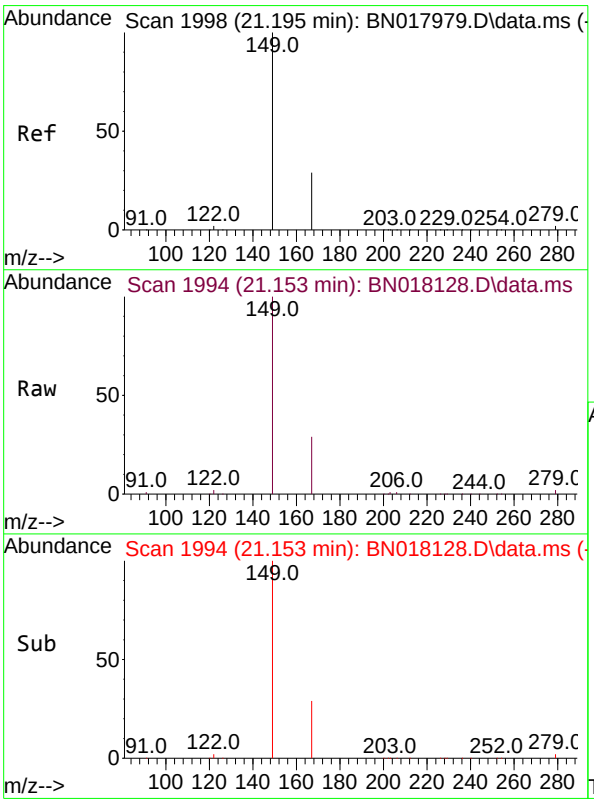
#33
Chrysene
Concen: 0.342 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 93622

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.3	15.5	23.3

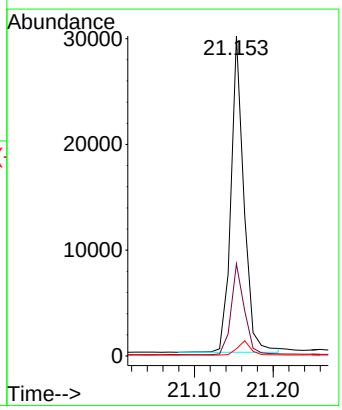


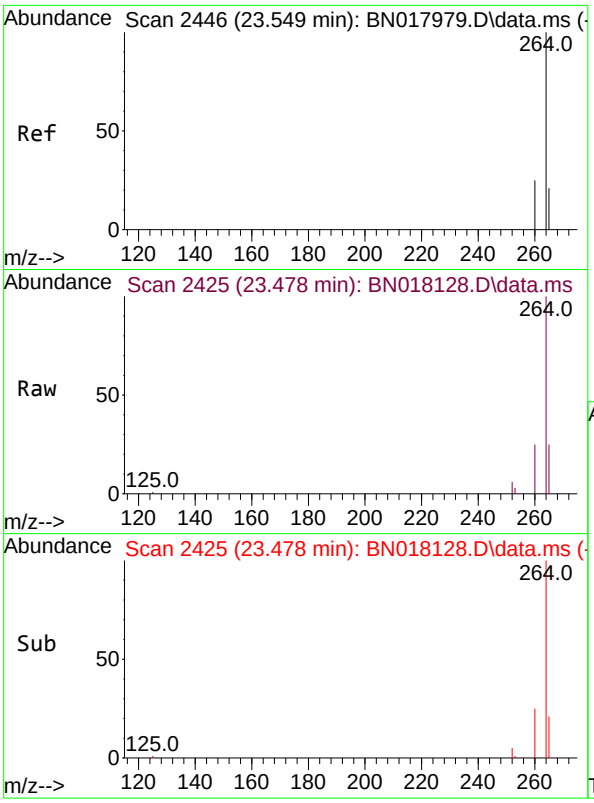


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.272 ng
RT: 21.153 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:149 Resp: 34301

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	4.6	3.6	5.4



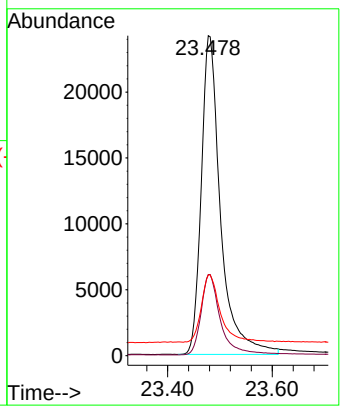


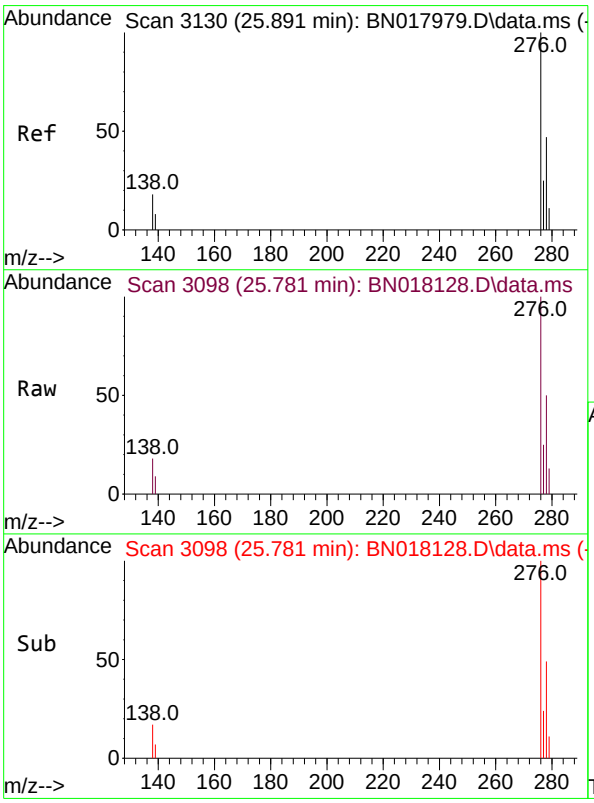
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.478 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 62035

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	25.3	18.2	27.2

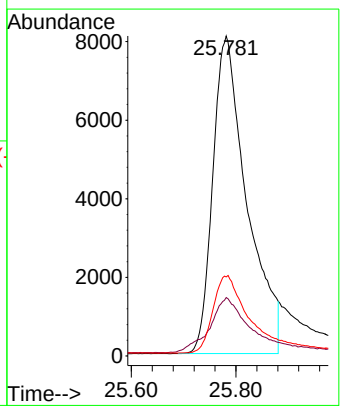


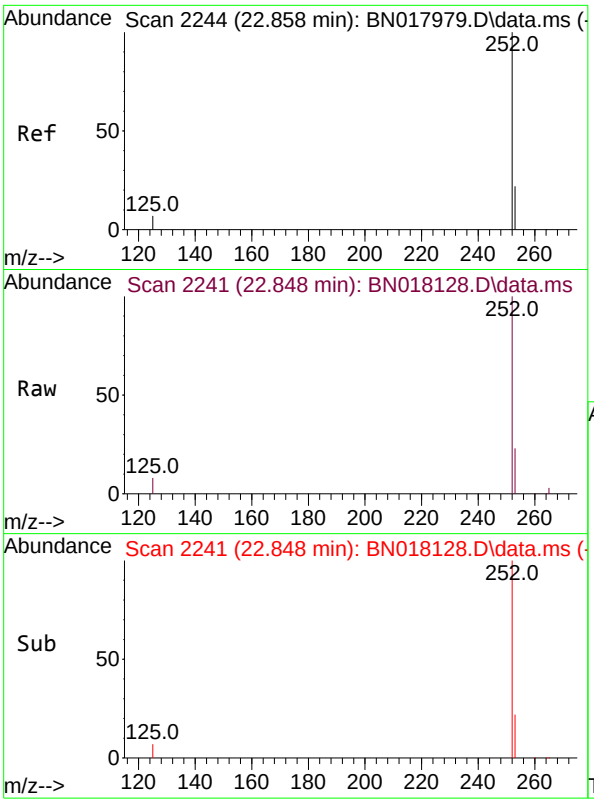


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.176 ng
RT: 25.781 min Scan# 3098
Delta R.T. 0.010 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:276 Resp: 36550

Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.9	22.3
277	24.9	19.9	29.9



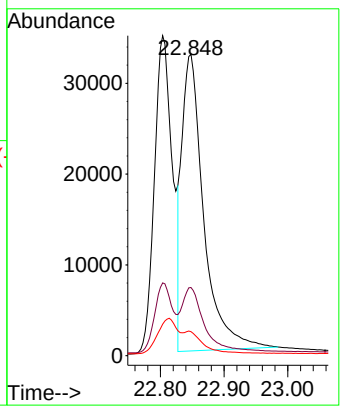


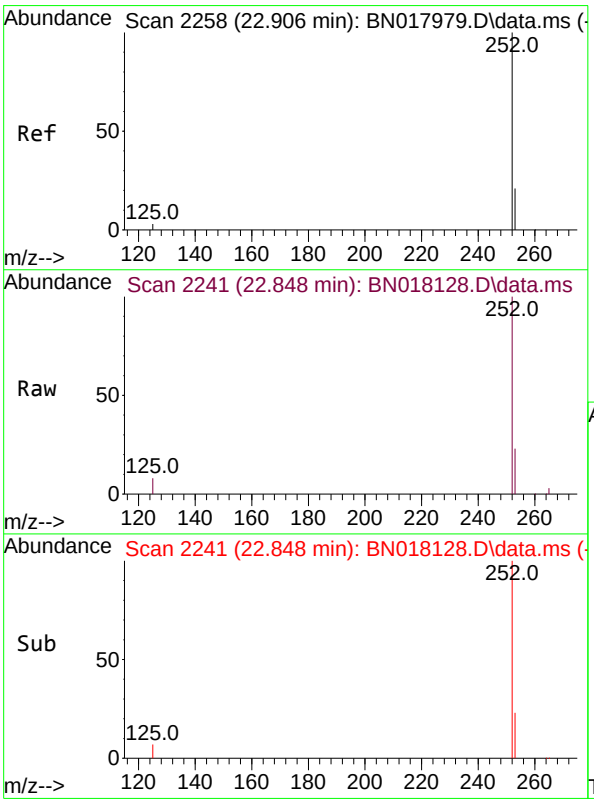
#37
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 22.848 min Scan# 2
Delta R.T. 0.051 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 77814

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.0	6.0	9.0

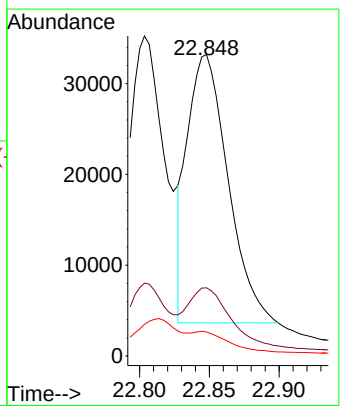


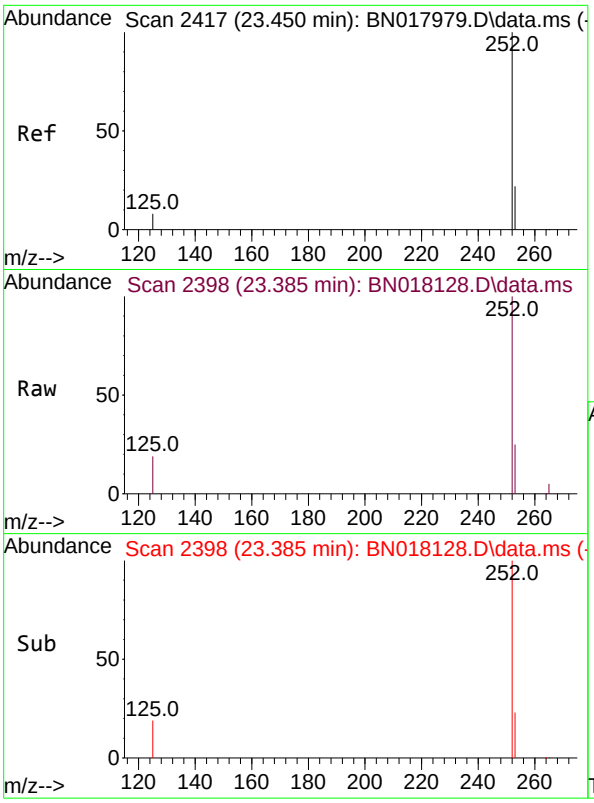


#38
Benzo(k)fluoranthene
Concen: 0.334 ng
RT: 22.848 min Scan# 2241
Delta R.T. 0.007 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:252 Resp: 60013

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	8.0	6.2	9.2



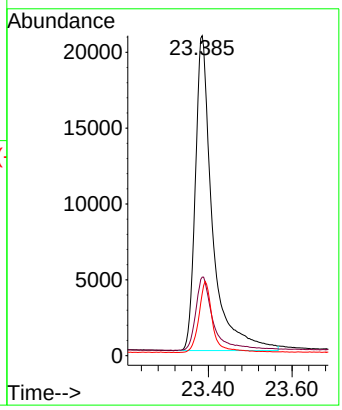


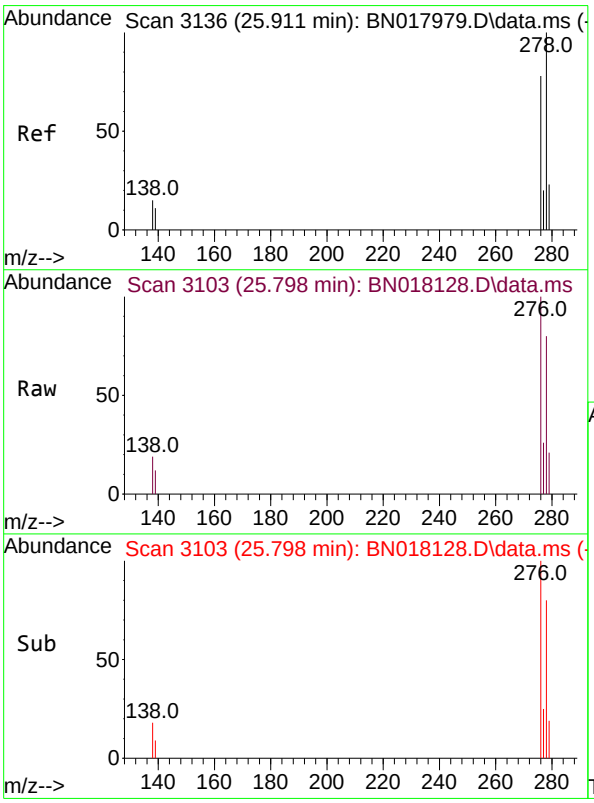
#39
Benzo(a)pyrene
Concen: 0.315 ng
RT: 23.385 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 59136

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.6
125	19.4	7.0	10.4#

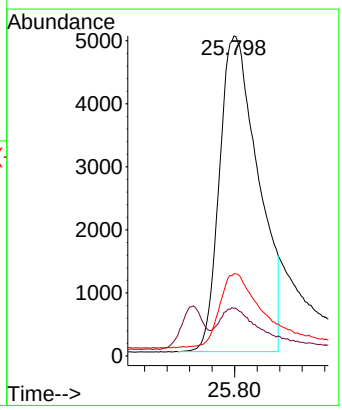


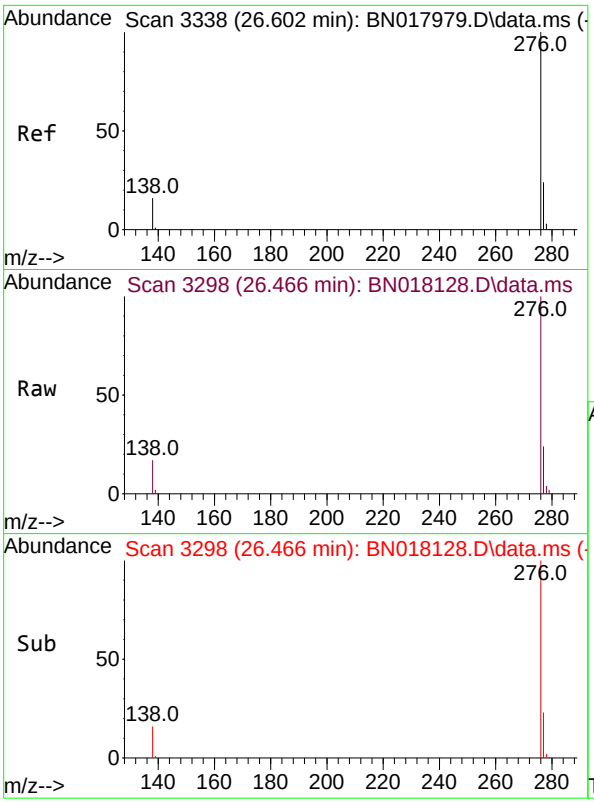


#40
Dibenzo(a,h)anthracene
Concen: 0.147 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.010 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Tgt Ion:278 Resp: 23857

Ion	Ratio	Lower	Upper
278	100		
139	14.9	10.8	16.2
279	25.7	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.195 ng
RT: 26.466 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018128.D
Acq: 20 Dec 2021 18:40

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 37847

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.6
138	16.8	12.6	19.0