Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018000.D
Acq On : 14 Dec 2021 12:52
Operator : CG/JU
Sample : M4922-18MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Quant Time: Dec 15 02:19:30 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	7.689	152	28660	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	117600	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	72310	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	148557	0.400	ng	# 0.00
29) Chrysene-d12	21.270	240	147275	0.400	ng	# 0.00
35) Perylene-d12	23.546	264	139650	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	7061	0.114	ng	0.03
5) Phenol-d6	6.886	99	4188	0.067	ng	0.02
8) Nitrobenzene-d5	8.835	82	18284	0.219	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	45345	0.233	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	8562	0.376	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	69192	0.275	ng	0.00
27) Fluoranthene-d10	19.103	212	146743	0.296	ng	0.00
31) Terphenyl-d14	19.708	244	119403	0.389	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.576	42	3663	0.137	ng	# 96
6) bis(2-Chloroethyl)ether	7.117	93	26729	0.363	ng	99
9) Naphthalene	10.521	128	96734	0.328	ng	100
10) Hexachlorobutadiene	10.812	225	24008	0.296	ng	# 100
12) 2-Methylnaphthalene	12.136	142	63730	0.346	ng	100
16) Acenaphthylene	14.028	152	94969	0.318	ng	100
17) Acenaphthene	14.383	154	62654	0.329	ng	99
18) Fluorene	15.373	166	82510	0.353	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	2691	0.364	ng	98
21) 4-Bromophenyl-phenylether	16.263	248	31990	0.356	ng	# 86
22) Hexachlorobenzene	16.385	284	36491	0.340	ng	99
23) Atrazine	16.543	200	21288	0.356	ng	94
24) Pentachlorophenol	16.726	266	23172	0.983	ng	99
25) Phenanthrene	17.103	178	154393	0.408	ng	99
26) Anthracene	17.200	178	136579	0.400	ng	99
28) Fluoranthene	19.132	202	212015	0.450	ng	100
30) Pyrene	19.495	202	217432	0.450	ng	100
32) Benzo(a)anthracene	21.249	228	192830	0.435	ng	100
33) Chrysene	21.302	228	195114	0.413	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	124550	0.573	ng	100
36) Indeno(1,2,3-cd)pyrene	25.881	276	193842	0.415	ng	100
37) Benzo(b)fluoranthene	22.855	252	188505	0.454	ng	100
38) Benzo(k)fluoranthene	22.903	252	186260	0.460	ng	100
39) Benzo(a)pyrene	23.443	252	182905	0.433	ng	100
40) Dibenzo(a,h)anthracene	25.904	278	145327	0.399	ng	99
41) Benzo(g,h,i)perylene	26.593	276	180210	0.412	ng	100

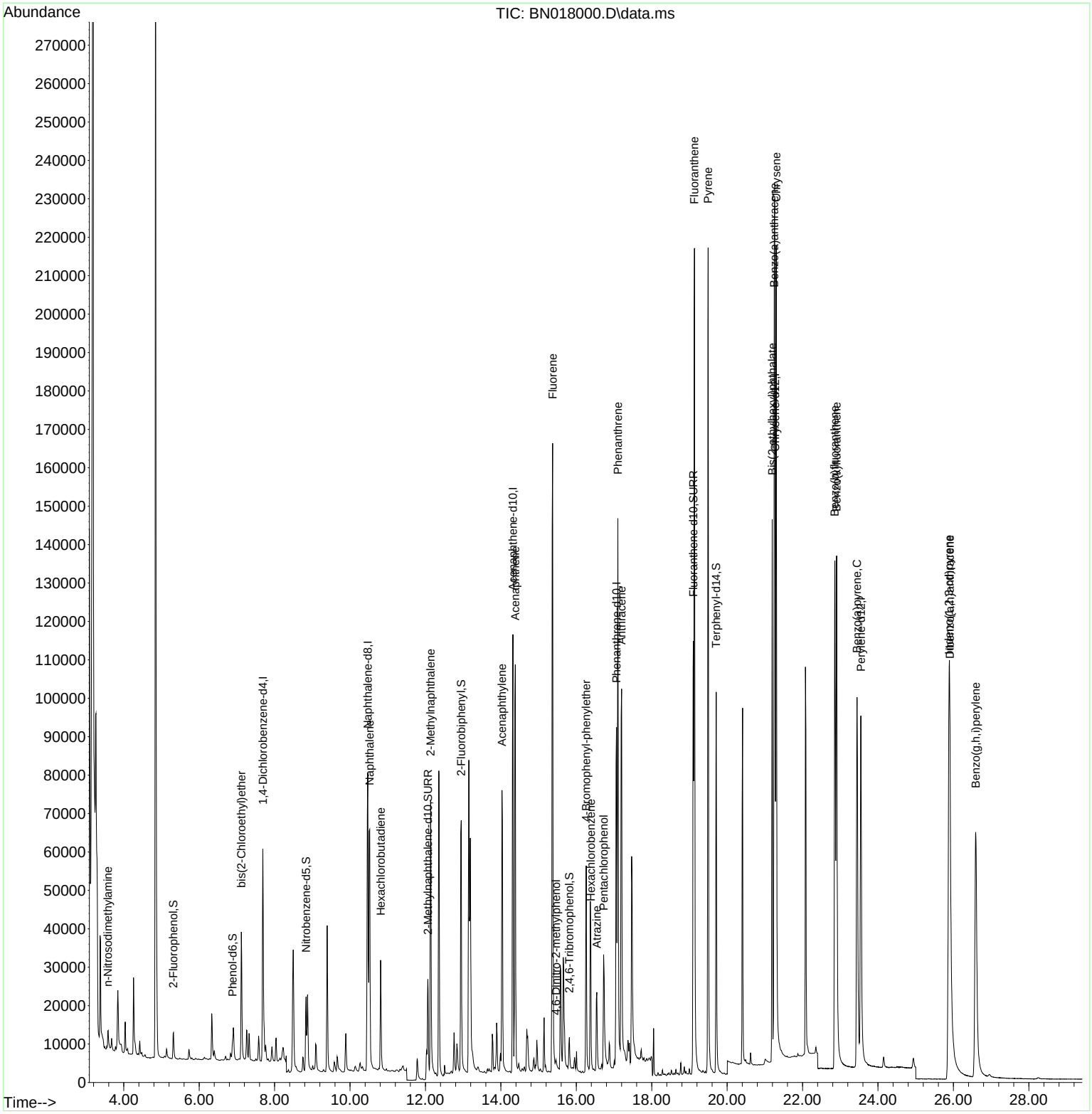
(#) = qualifier out of range (m) = manual integration (+) = signals summed

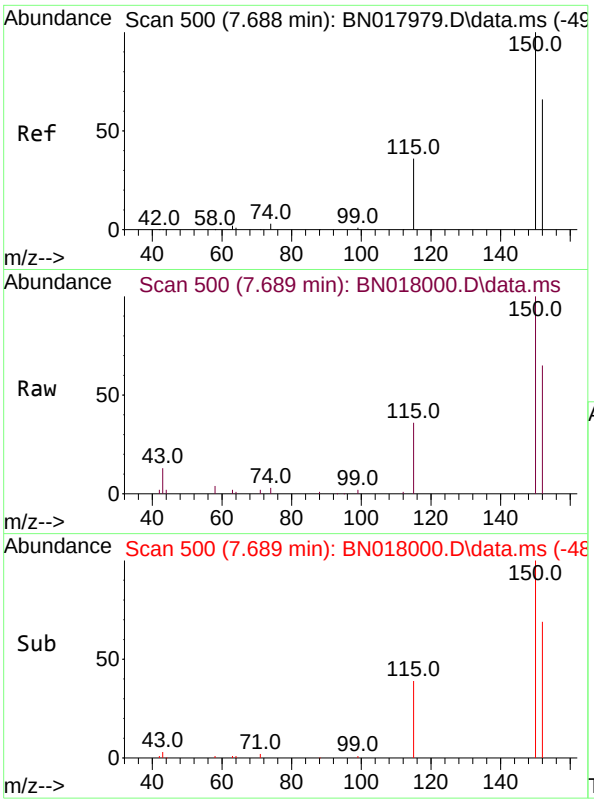
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018000.D
Acq On : 14 Dec 2021 12:52
Operator : CG/JU
Sample : M4922-18MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Quant Time: Dec 15 02:19:30 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



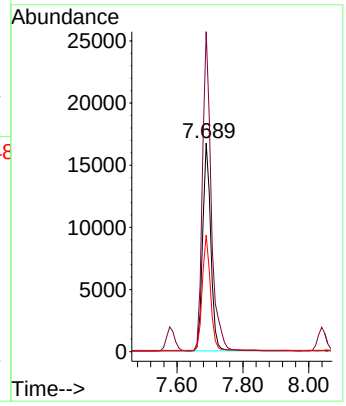


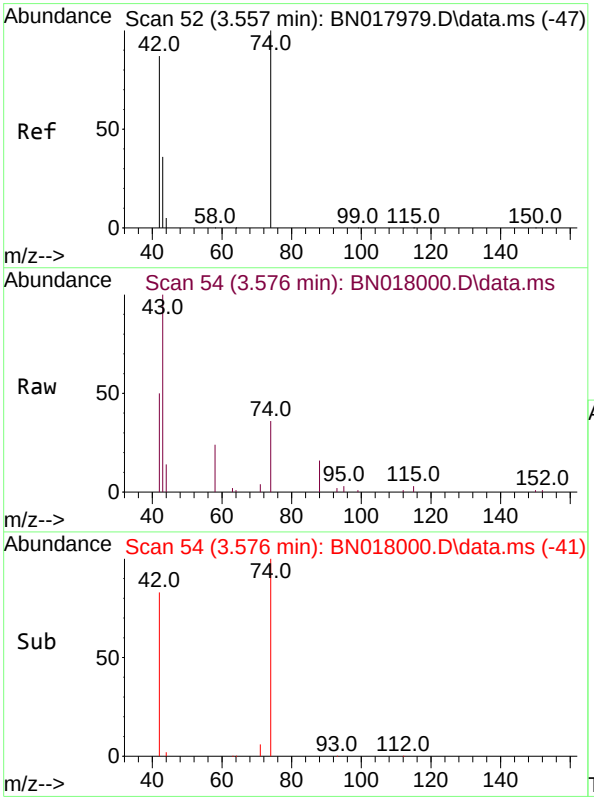
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 5(
Delta R.T. 0.001 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:152 Resp: 28660

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	55.9	43.8	65.8

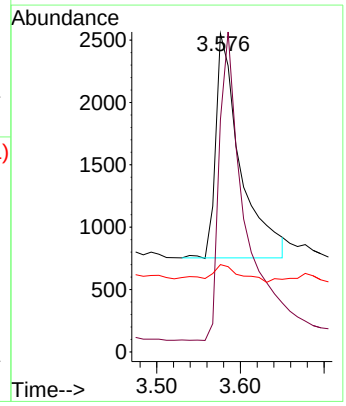


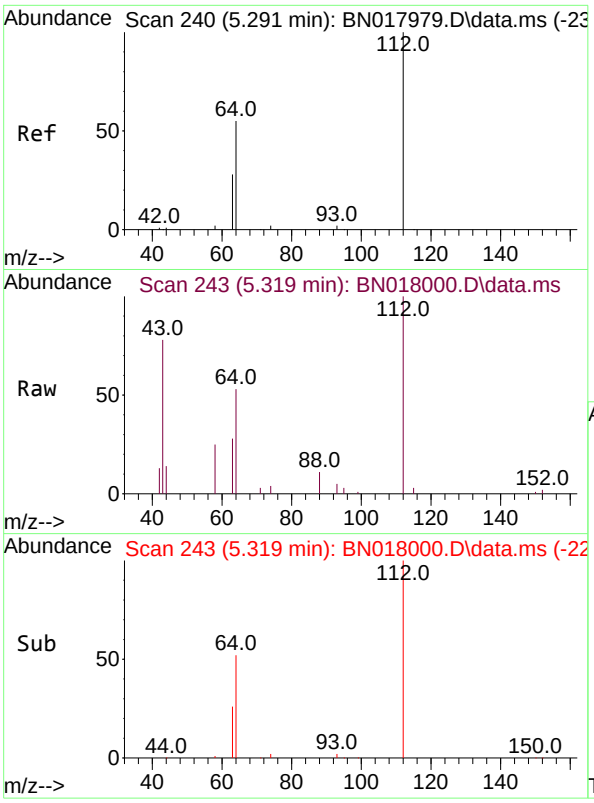


#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.019 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion: 42 Resp: 3663

Ion	Ratio	Lower	Upper
42	100		
74	140.3	108.6	163.0
44	10.6	5.8	8.8#



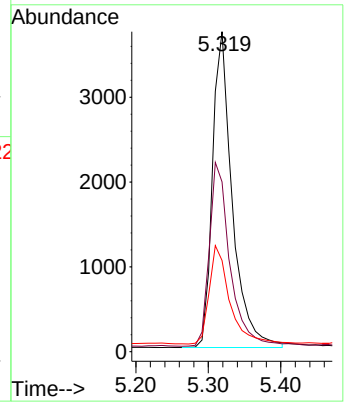


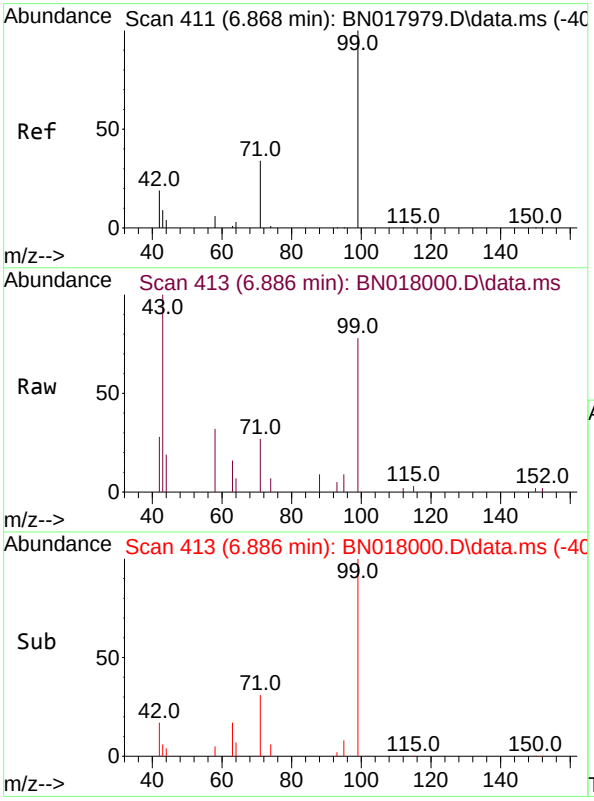
#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.319 min Scan# 24
Delta R.T. 0.028 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:112 Resp: 7061

Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.0	72.0
63	32.4	25.3	37.9

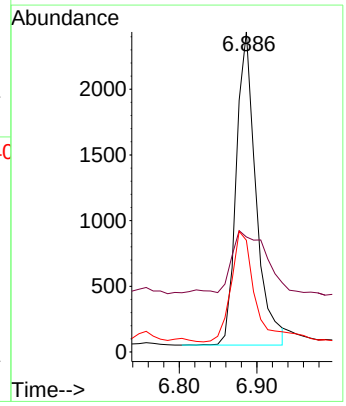


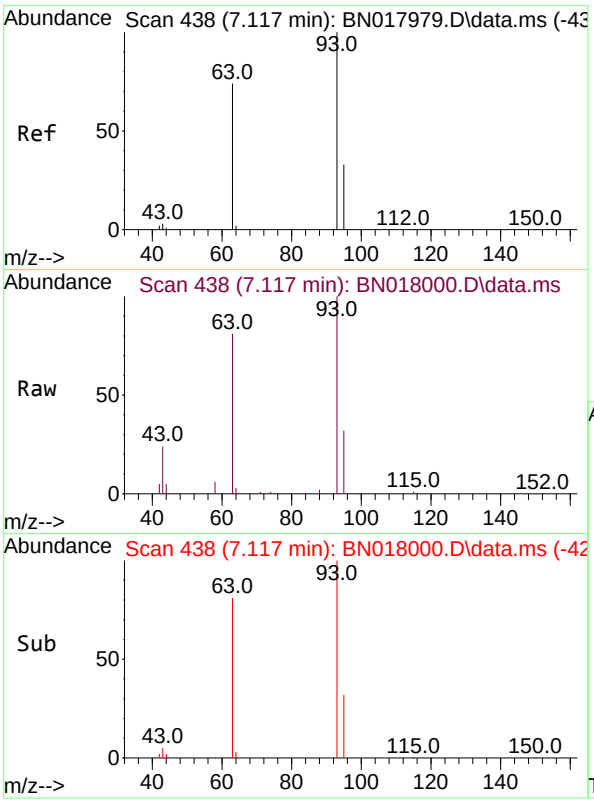


#5
Phenol-d6
Concen: 0.067 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.019 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion: 99 Resp: 4188

Ion	Ratio	Lower	Upper
99	100		
42	33.3	16.3	24.5#
71	41.2	26.8	40.2#



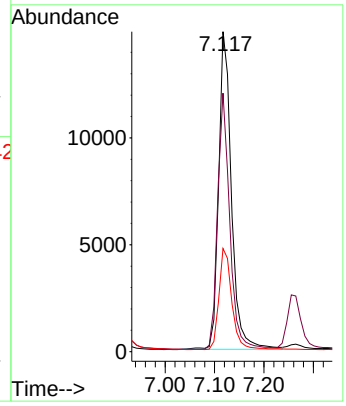


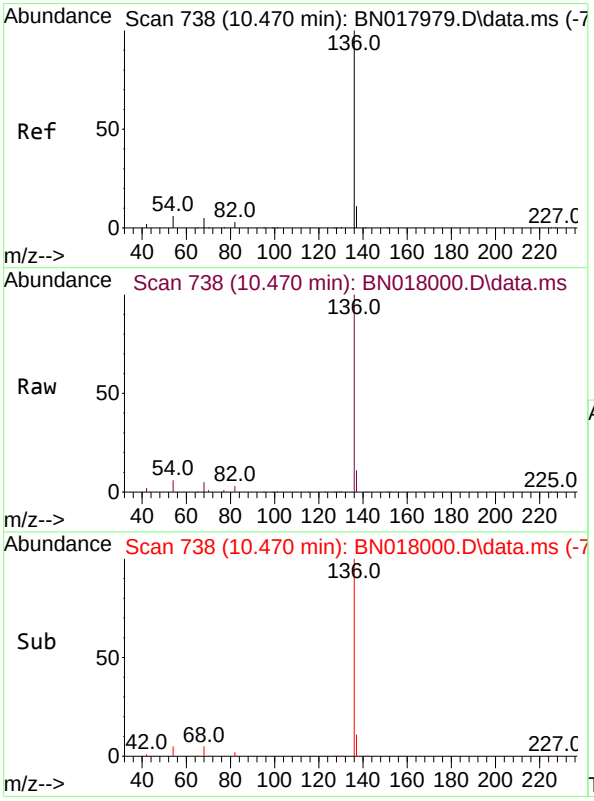
#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.117 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion: 93 Resp: 26729

Ion	Ratio	Lower	Upper
93	100		
63	76.8	61.7	92.5
95	32.1	26.2	39.4

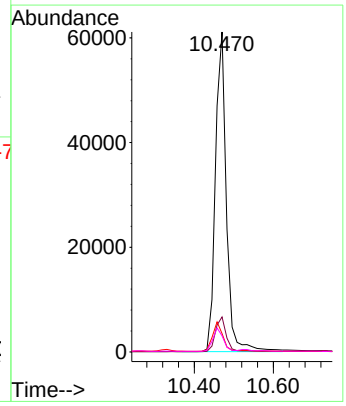


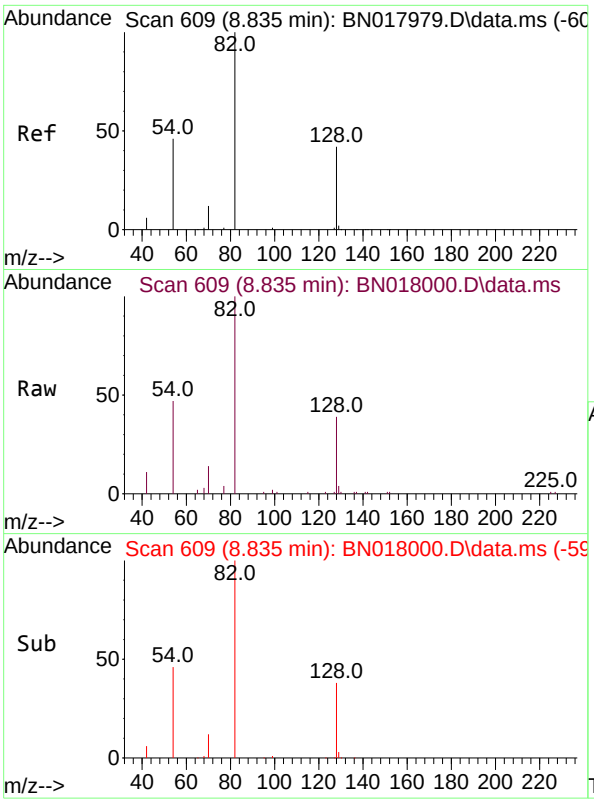


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:136 Resp: 117600

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.8	5.0	7.6
68	5.1	4.4	6.6



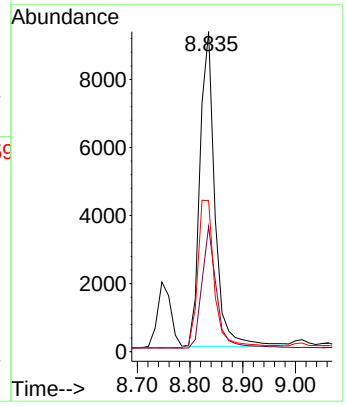


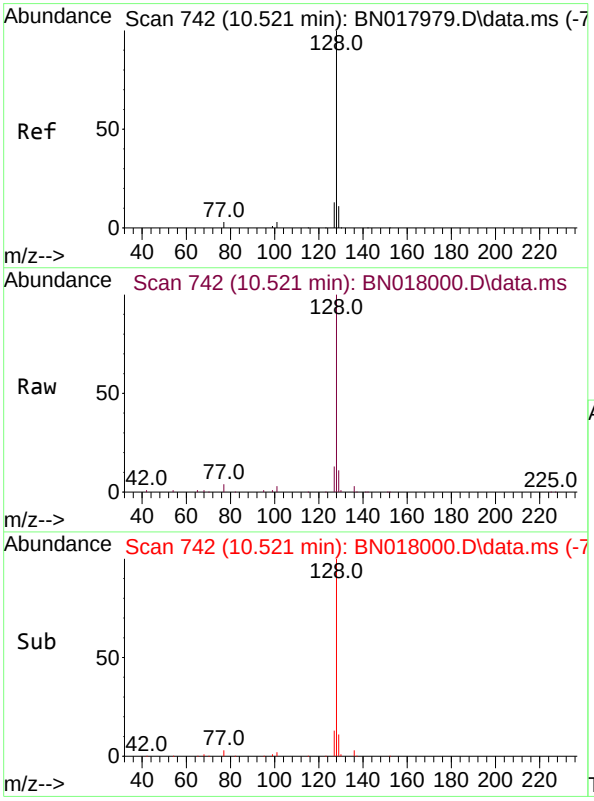
#8
Nitrobenzene-d5
Concen: 0.219 ng
RT: 8.835 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion: 82 Resp: 18284

Ion	Ratio	Lower	Upper
82	100		
128	39.1	33.7	50.5
54	47.2	36.6	55.0

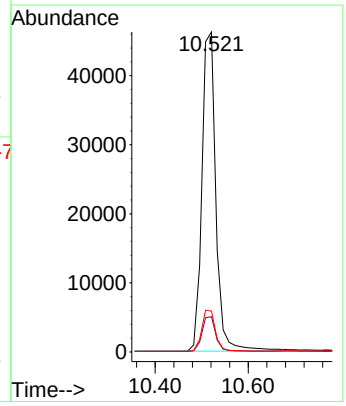


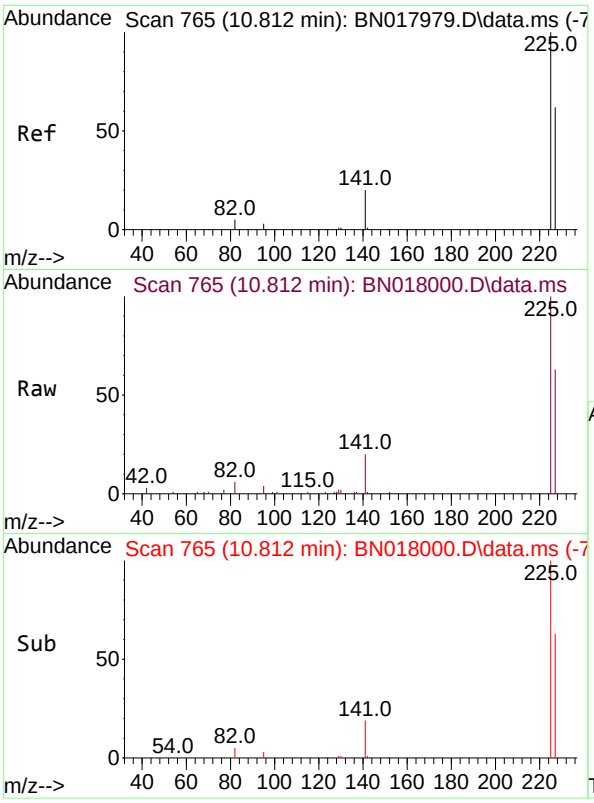


#9
Naphthalene
Concen: 0.328 ng
RT: 10.521 min Scan# 742
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:128 Resp: 96734

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.8	10.4	15.6



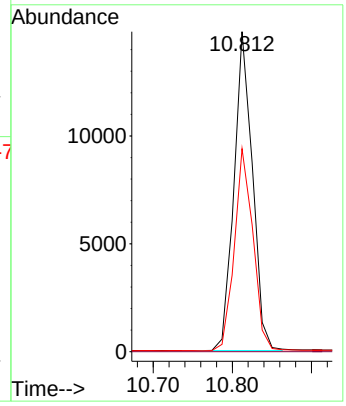


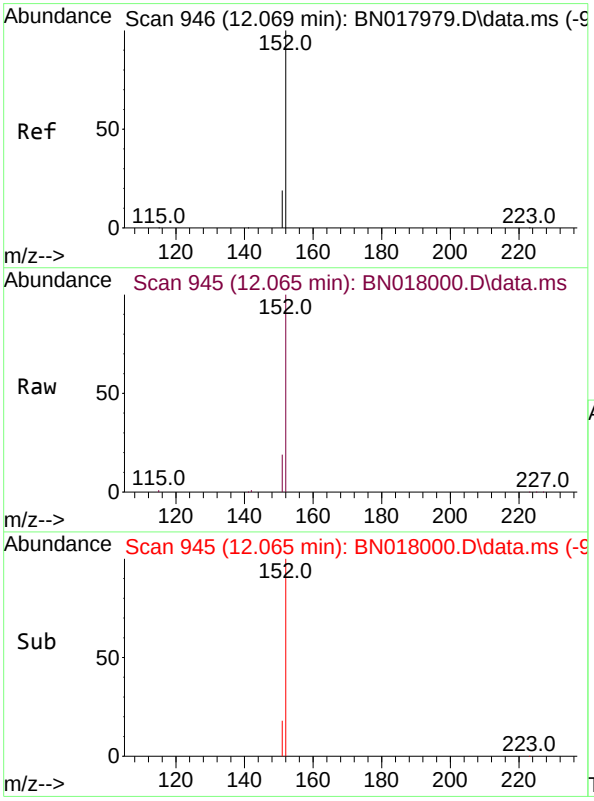
#10
Hexachlorobutadiene
Concen: 0.296 ng
RT: 10.812 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:225 Resp: 24008

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

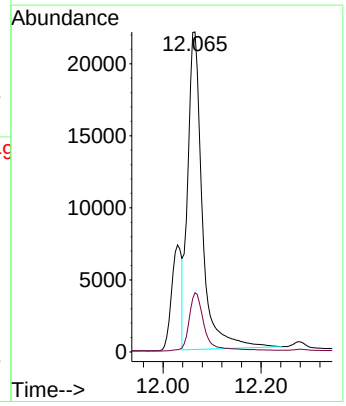


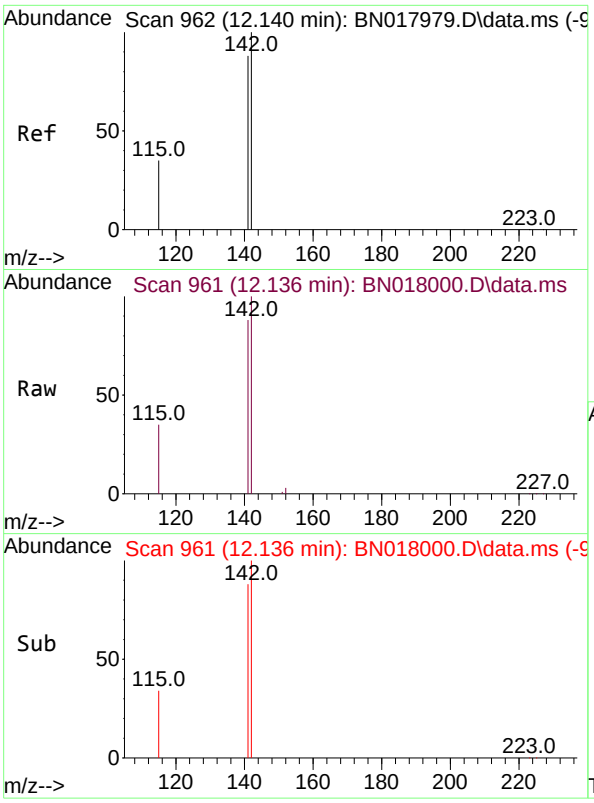


#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.065 min Scan# 945
Delta R.T. -0.004 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:152 Resp: 45345

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2



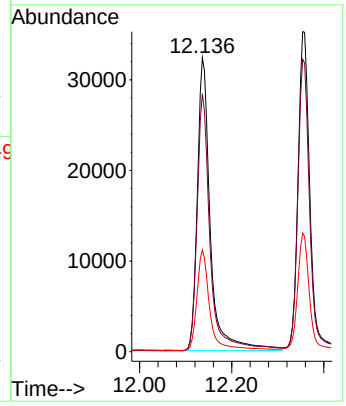


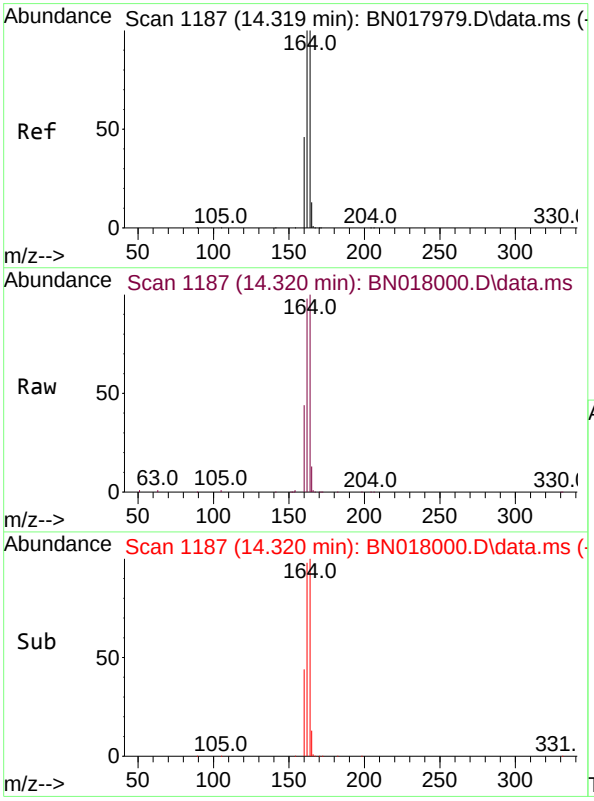
#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.136 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:142 Resp: 63730

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.0	105.0
115	34.6	27.8	41.8

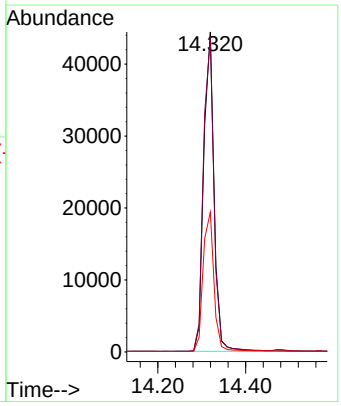


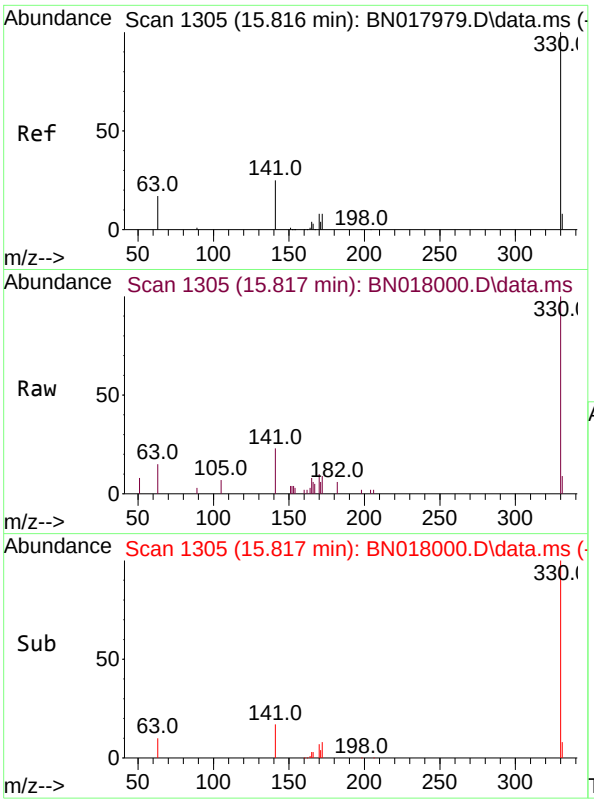


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:164 Resp: 72310

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.2	120.2
160	43.7	36.9	55.3



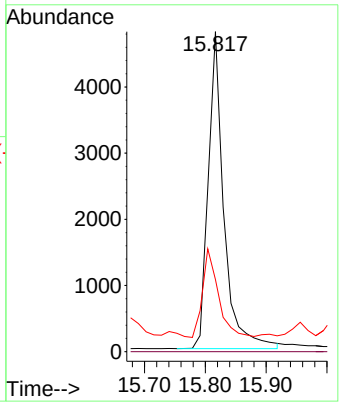


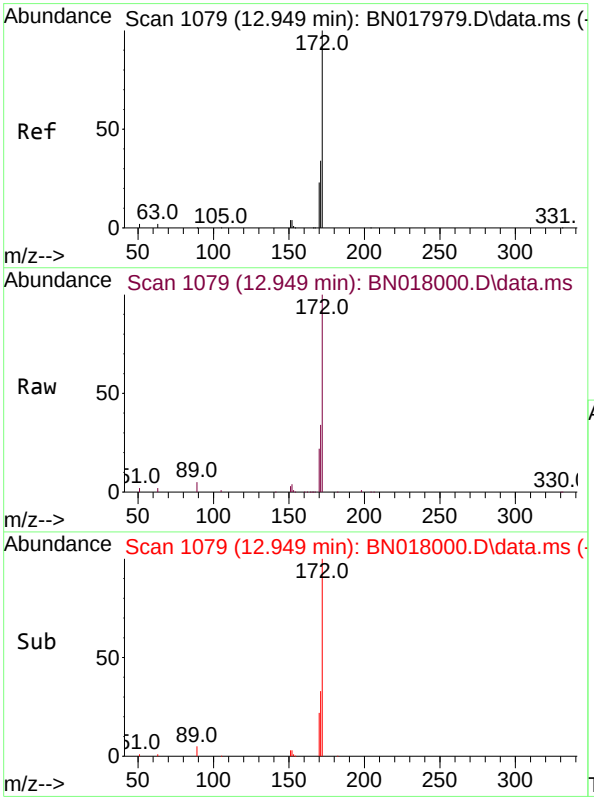
#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.817 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:330 Resp: 8562

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.3	21.3	31.9

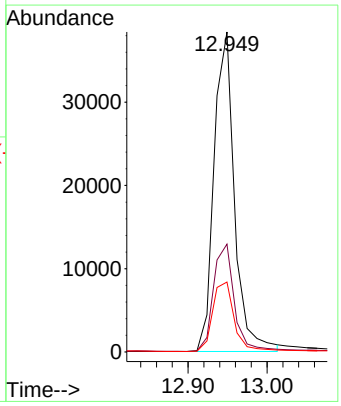


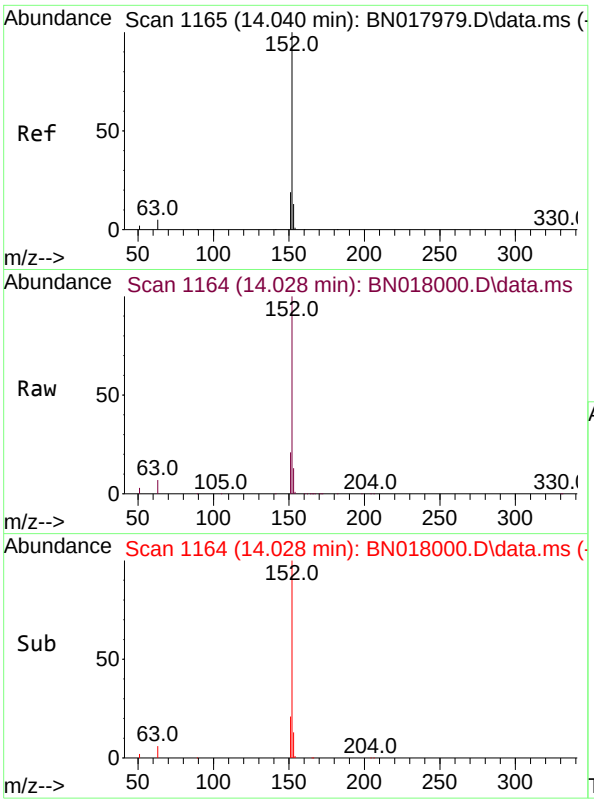


#15
2-Fluorobiphenyl
Concen: 0.275 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:172 Resp: 69192

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.4	41.0
170	21.9	18.4	27.6



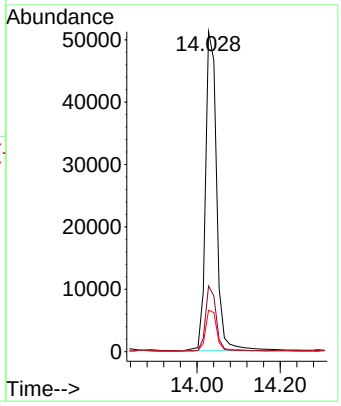


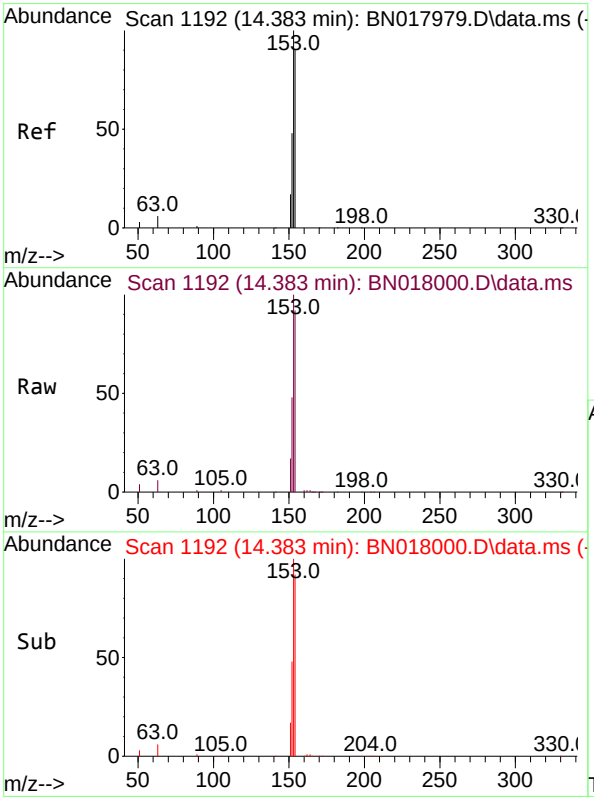
#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.028 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:152 Resp: 94969

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	13.1	10.5	15.7

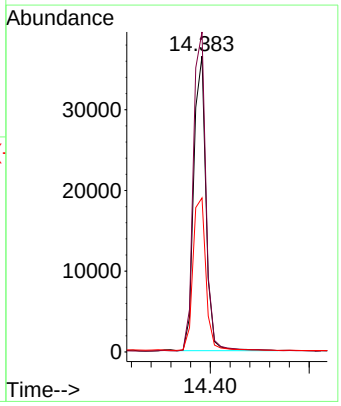


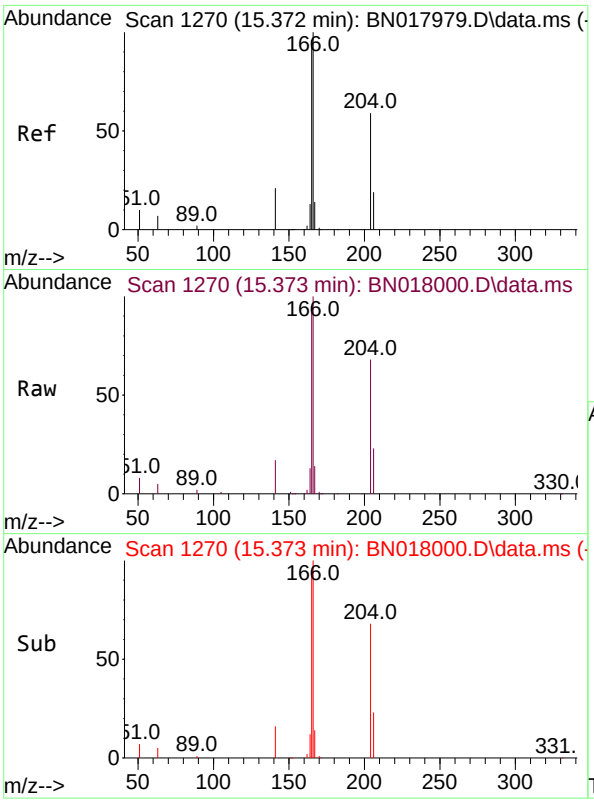


#17
Acenaphthene
Concen: 0.329 ng
RT: 14.383 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:154 Resp: 62654

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.9	136.3
152	54.9	45.0	67.4



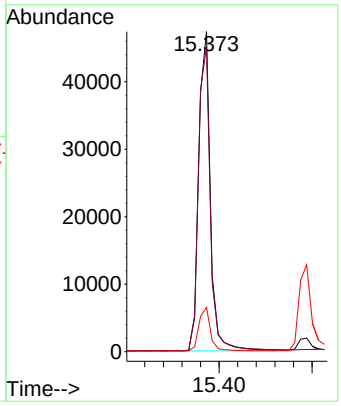


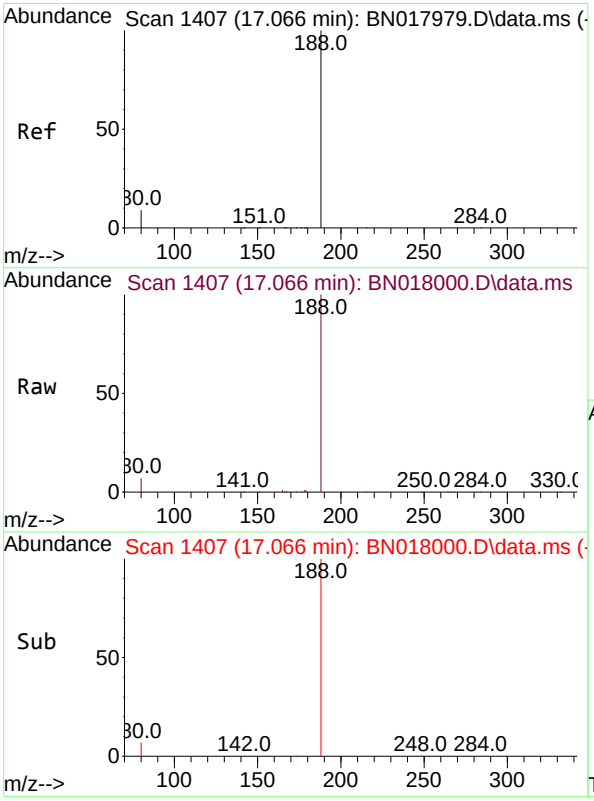
#18
Fluorene
Concen: 0.353 ng
RT: 15.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:166 Resp: 82510

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	13.7	10.9	16.3

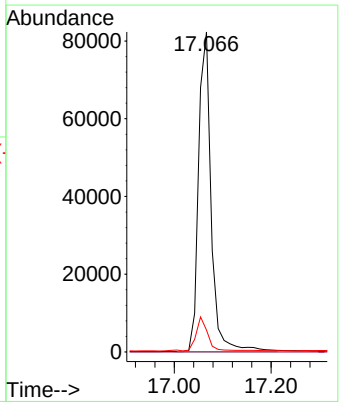


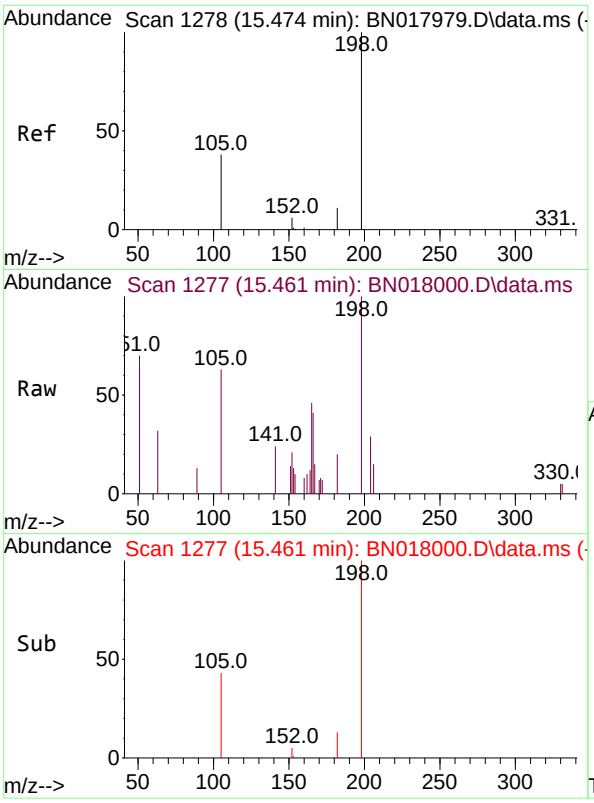


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:188 Resp: 148557

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	7.0	10.4#



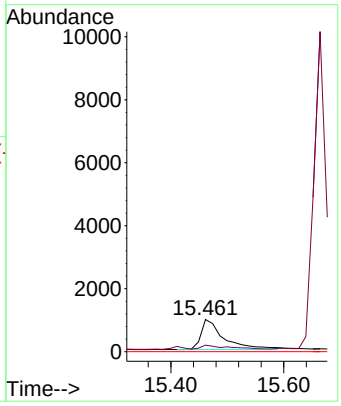


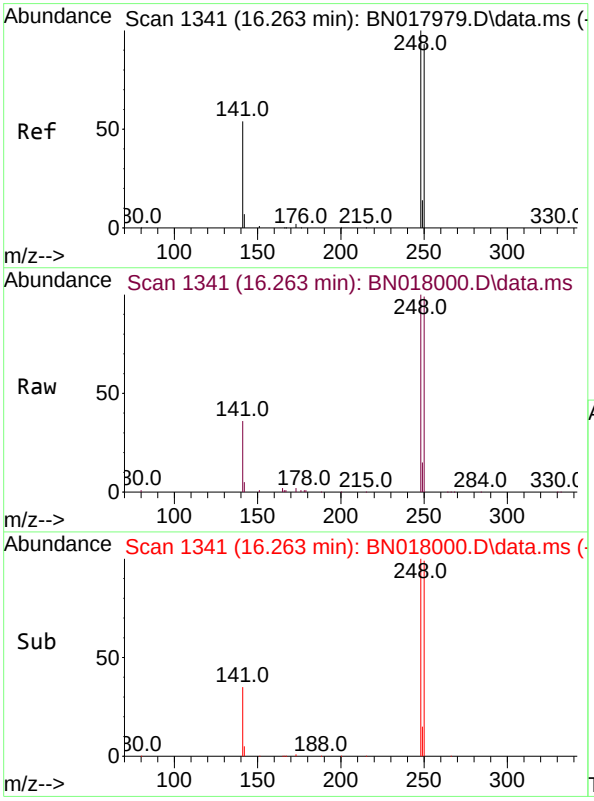
#20
4,6-Dinitro-2-methylphenol
Concen: 0.364 ng
RT: 15.461 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:198 Resp: 2691

Ion	Ratio	Lower	Upper
198	100		
182	20.2	15.5	23.3
77	0.0	0.0	0.0

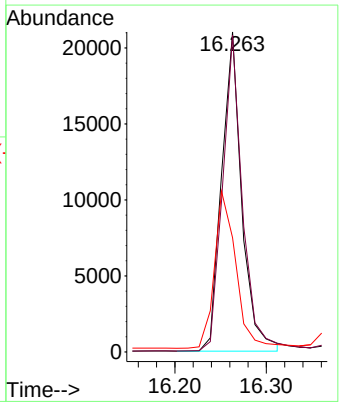


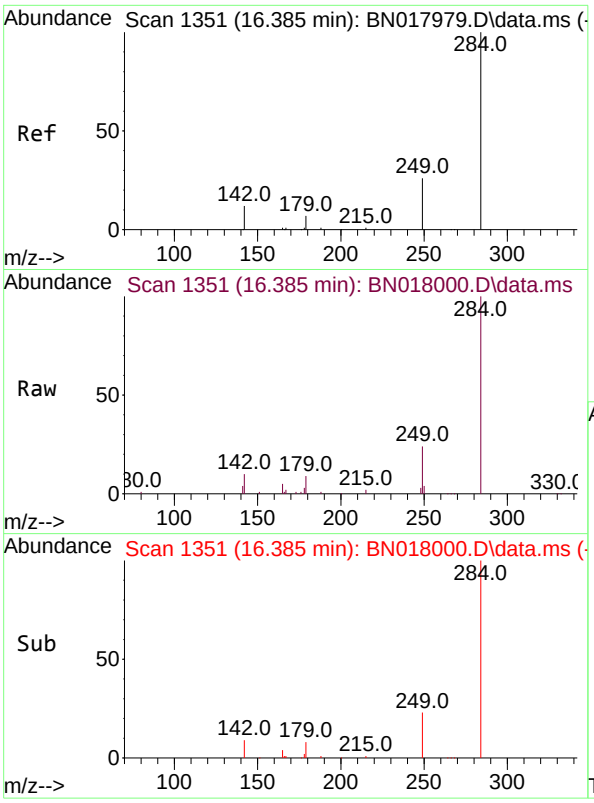


#21
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.263 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:248 Resp: 31990

Ion	Ratio	Lower	Upper
248	100		
250	98.9	74.4	111.6
141	35.7	43.7	65.5#



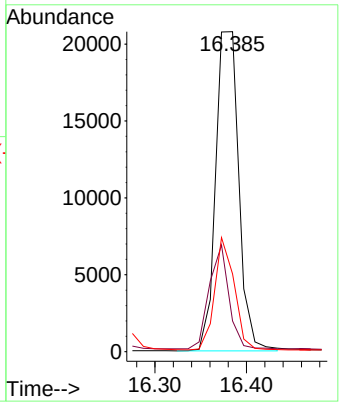


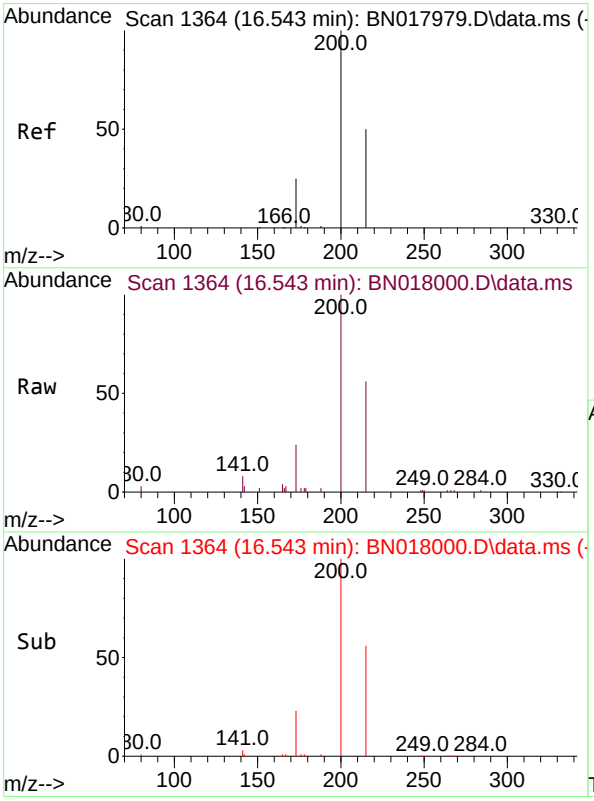
#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:284 Resp: 36491

Ion	Ratio	Lower	Upper
284	100		
142	27.5	21.6	32.4
249	29.8	23.5	35.3

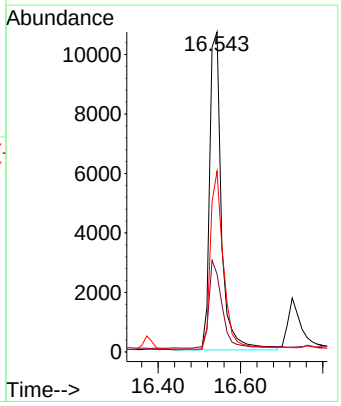


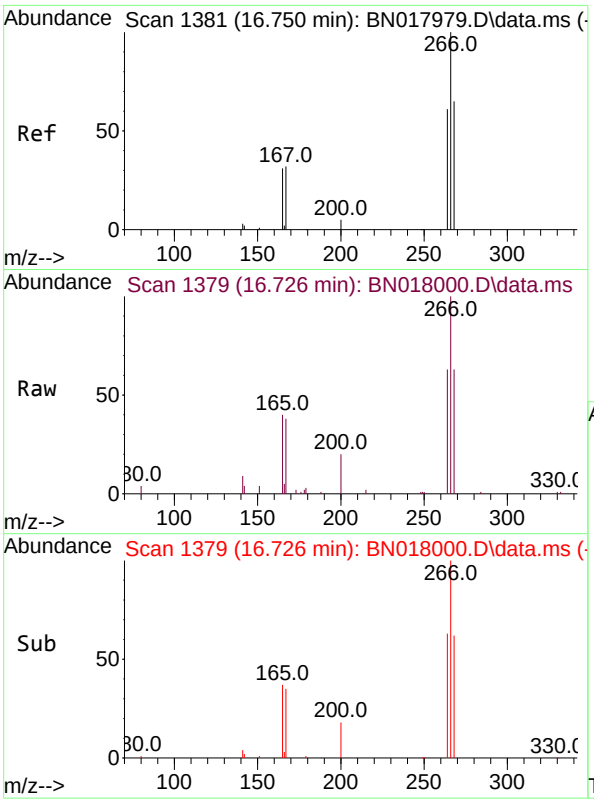


#23
Atrazine
Concen: 0.356 ng
RT: 16.543 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:200 Resp: 21288

Ion	Ratio	Lower	Upper
200	100		
173	24.3	20.3	30.5
215	56.5	40.4	60.6



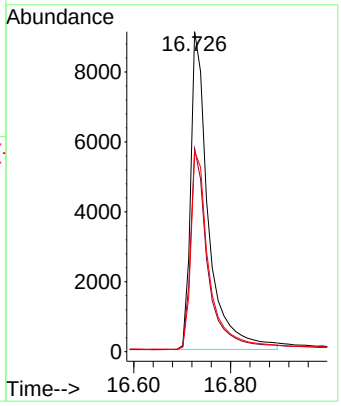


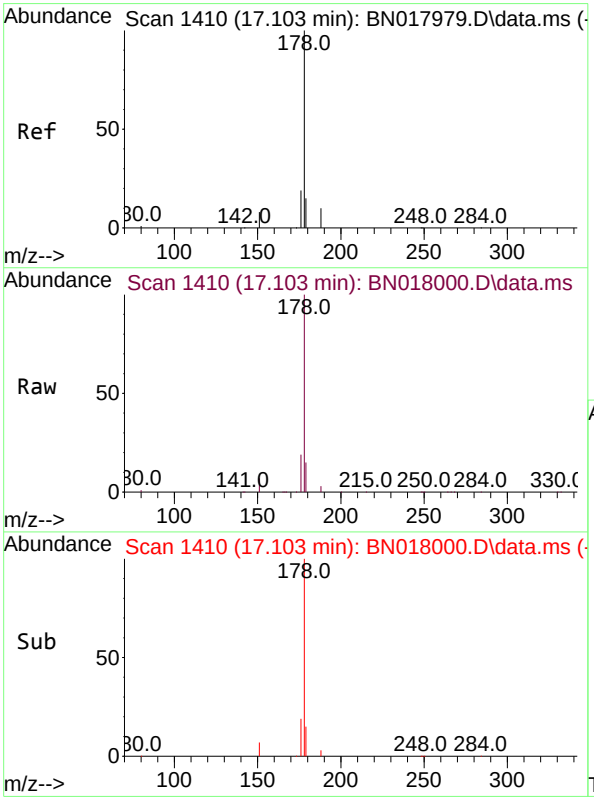
#24
Pentachlorophenol
Concen: 0.983 ng
RT: 16.726 min Scan# 1
Delta R.T. -0.024 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:266 Resp: 23172

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.5	74.3
268	64.0	50.6	76.0

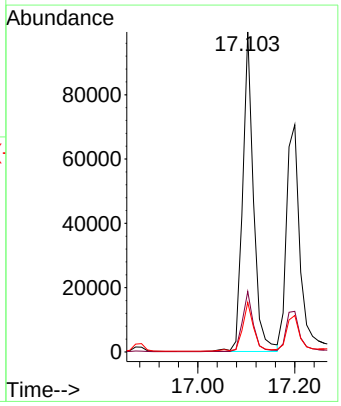


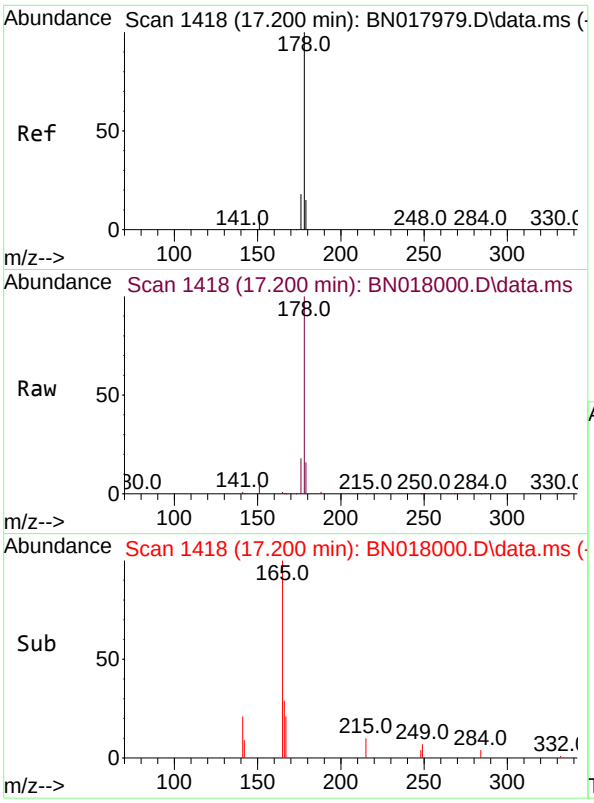


#25
Phenanthrene
Concen: 0.408 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:178 Resp: 154393

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.8	12.3	18.5



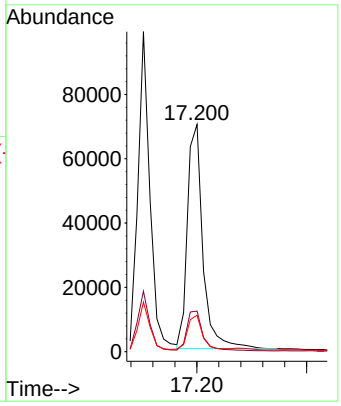


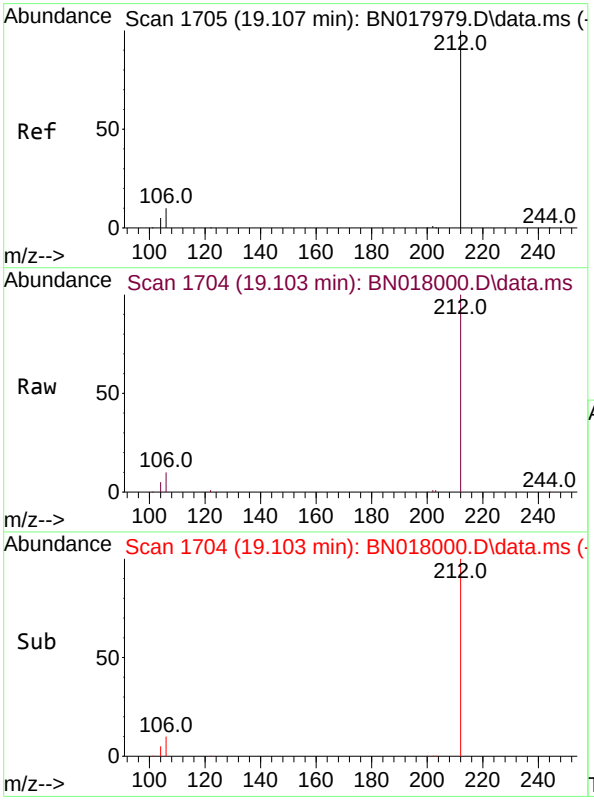
#26
Anthracene
Concen: 0.400 ng
RT: 17.200 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:178 Resp: 136579

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.2	12.2	18.4

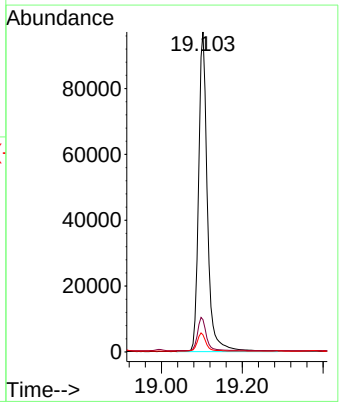


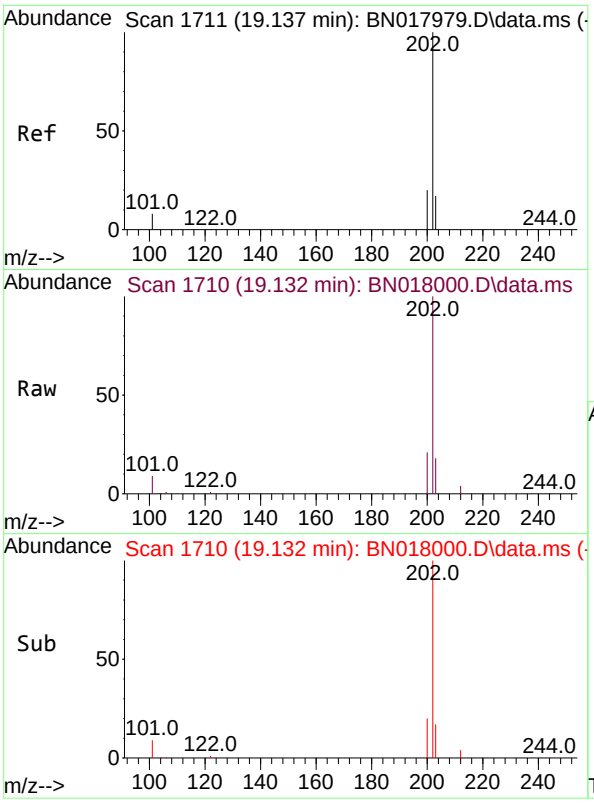


#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:212 Resp: 146743

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.8	4.5	6.7



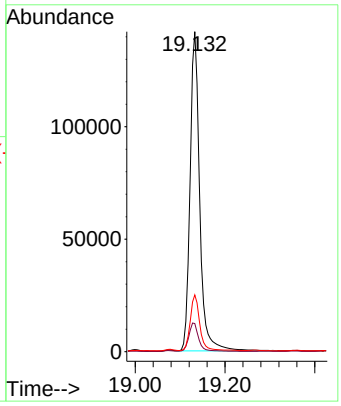


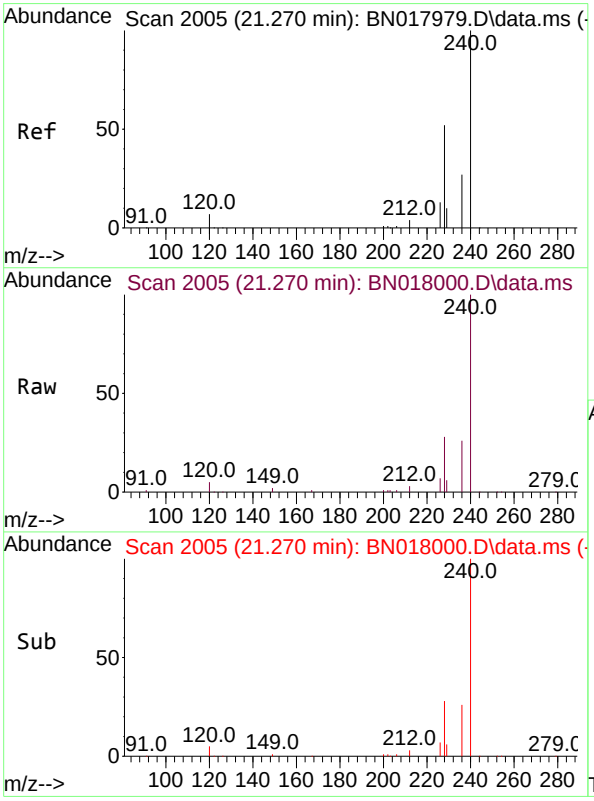
#28
Fluoranthene
Concen: 0.450 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:202 Resp: 212015

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.2	13.7	20.5

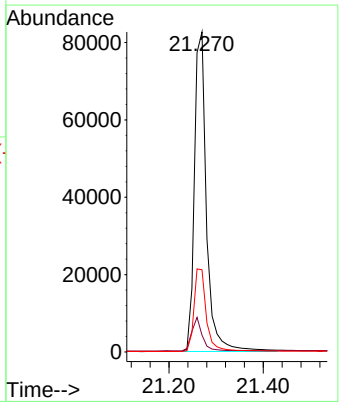


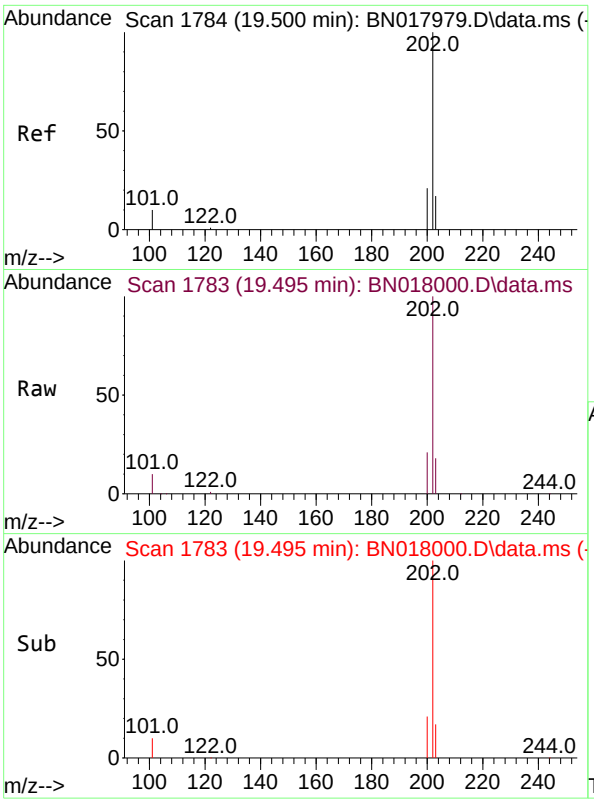


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:240 Resp: 147275

Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.0	9.0#
236	25.7	21.4	32.2



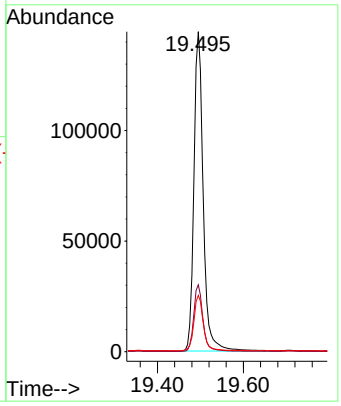


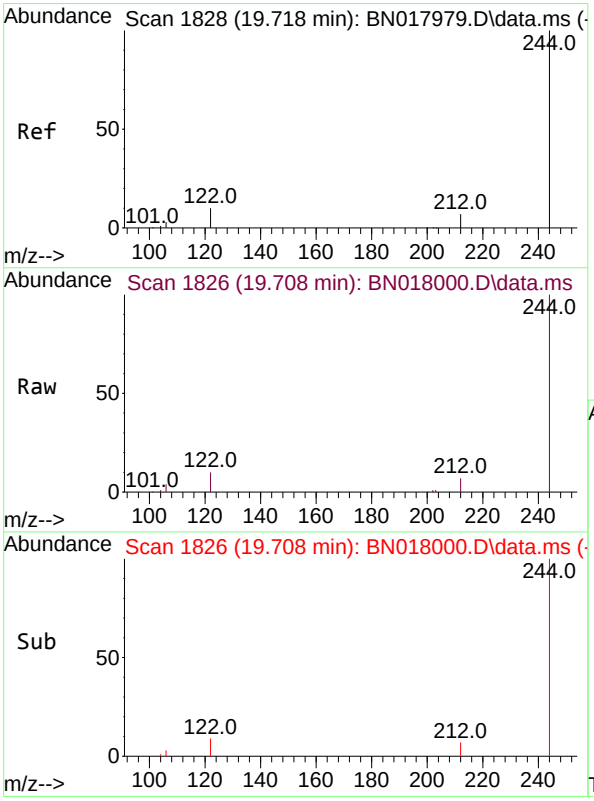
#30
Pyrene
Concen: 0.450 ng
RT: 19.495 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:202 Resp: 217432

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.6	14.1	21.1

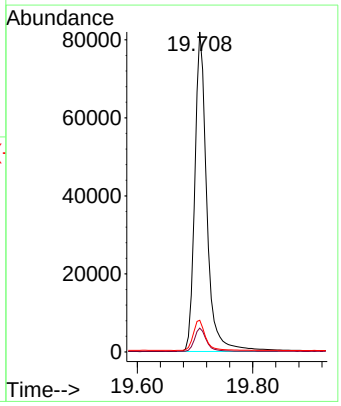


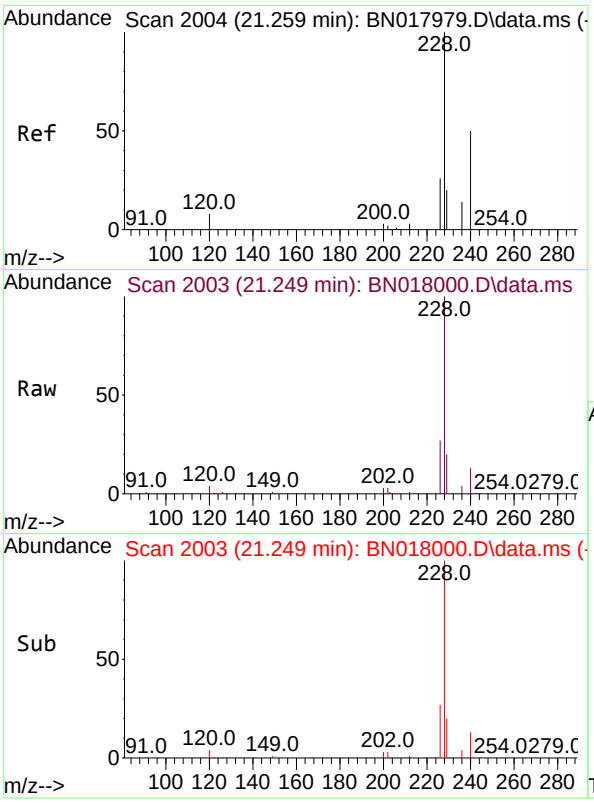


#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:244 Resp: 119403

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	9.9	7.9	11.9



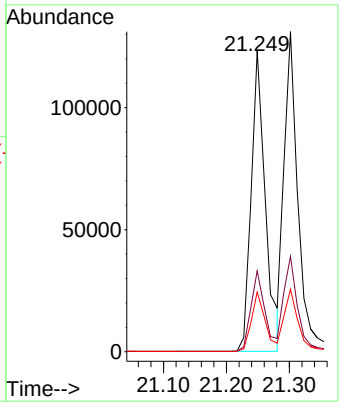


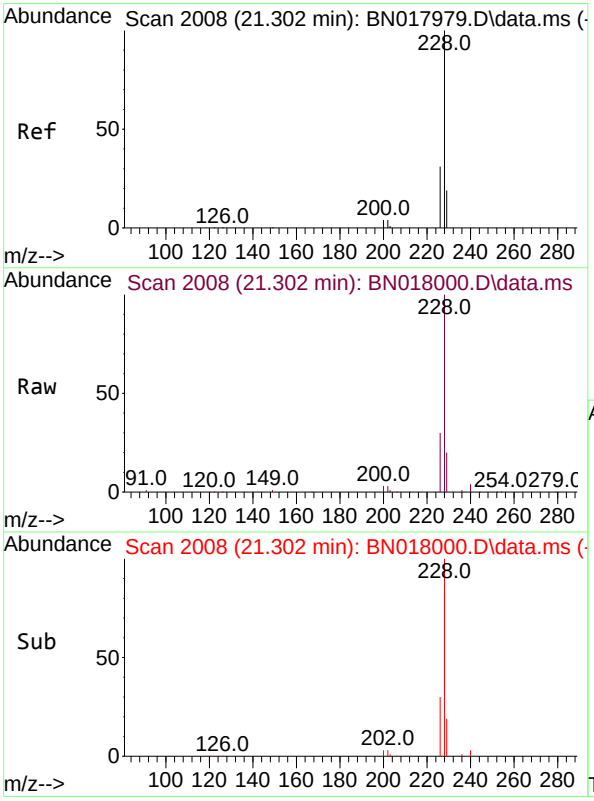
#32
Benzo(a)anthracene
Concen: 0.435 ng
RT: 21.249 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:228 Resp: 192830

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.3	31.9
229	19.8	15.9	23.9

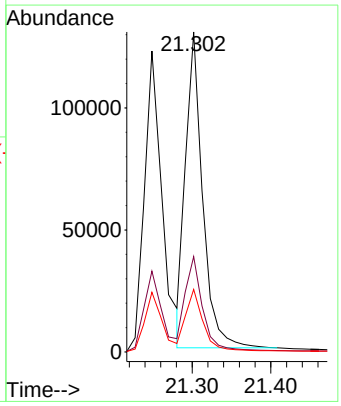


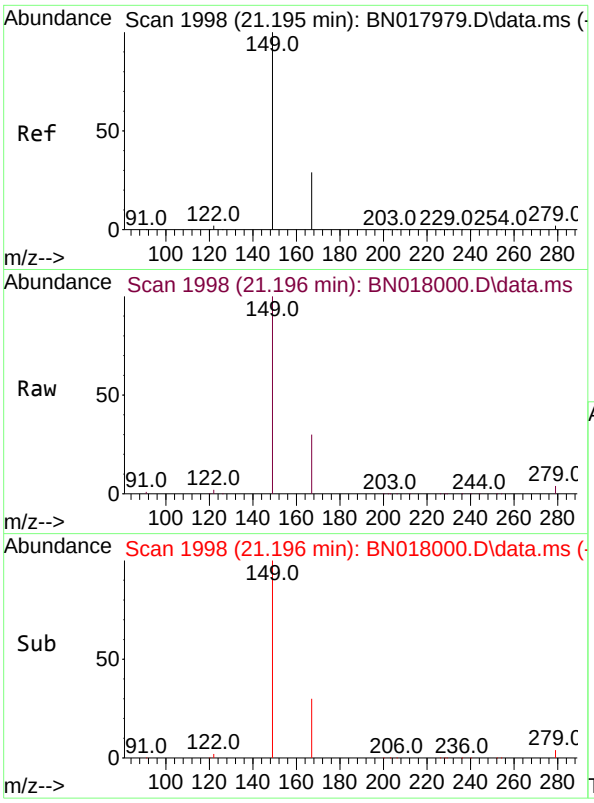


#33
Chrysene
Concen: 0.413 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:228 Resp: 195114

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.6	15.5	23.3



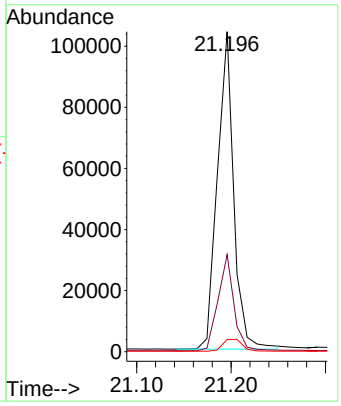


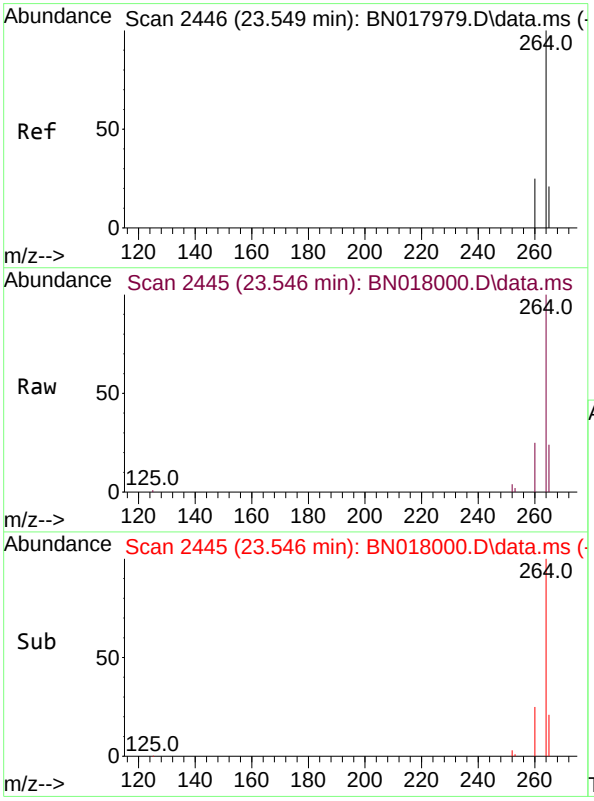
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.573 ng
RT: 21.196 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:149 Resp: 124550

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.7	35.5
279	4.7	3.6	5.4

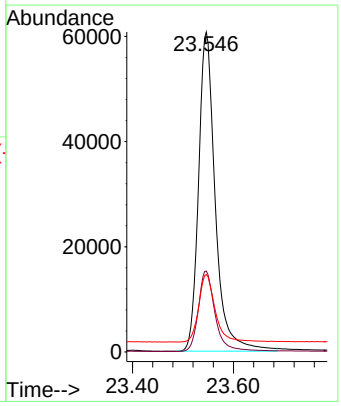


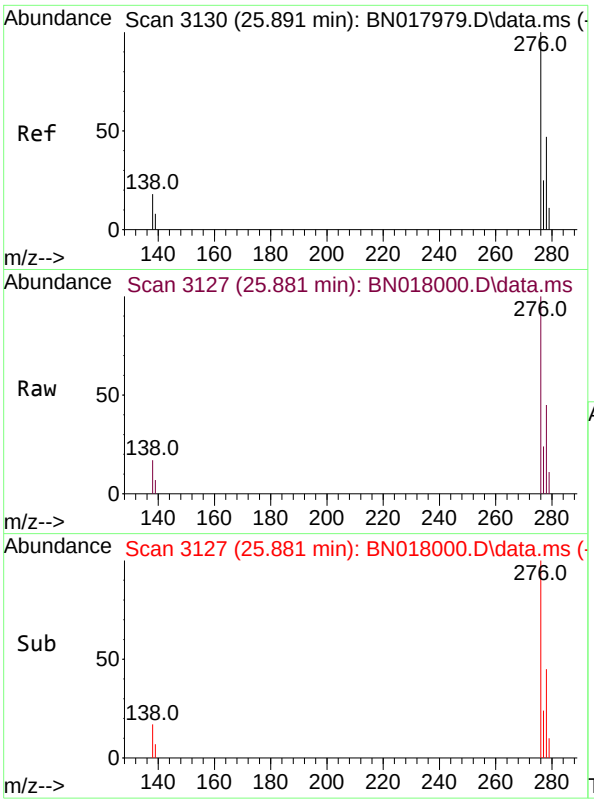


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.546 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:264 Resp: 139650

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	24.2	18.2	27.2



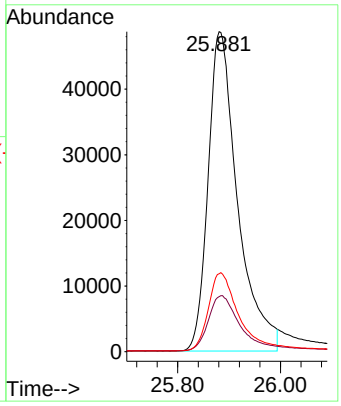


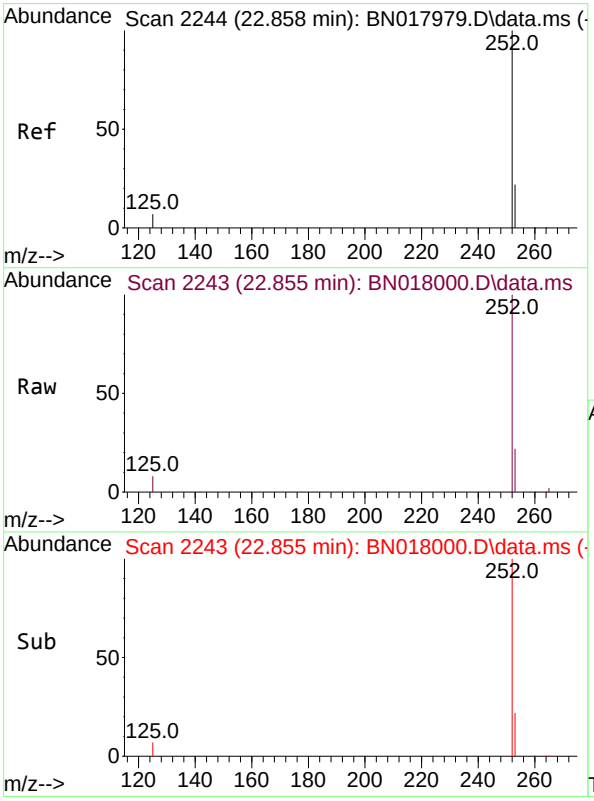
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 25.881 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:276 Resp: 193842

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.9	22.3
277	24.9	19.9	29.9

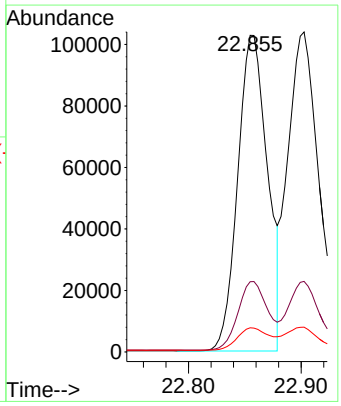


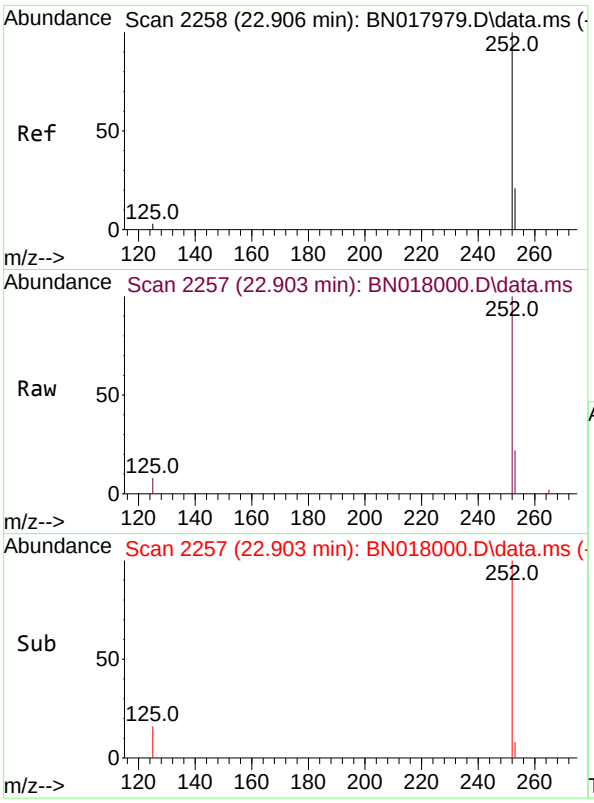


#37
Benzo(b)fluoranthene
Concen: 0.454 ng
RT: 22.855 min Scan# 2243
Delta R.T. -0.003 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:252 Resp: 188505

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.7	6.0	9.0



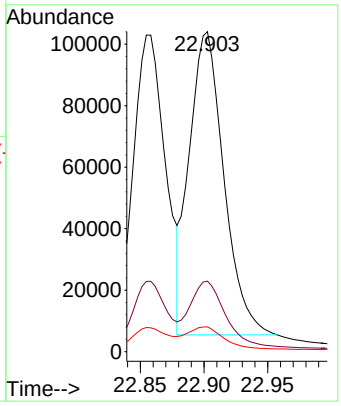


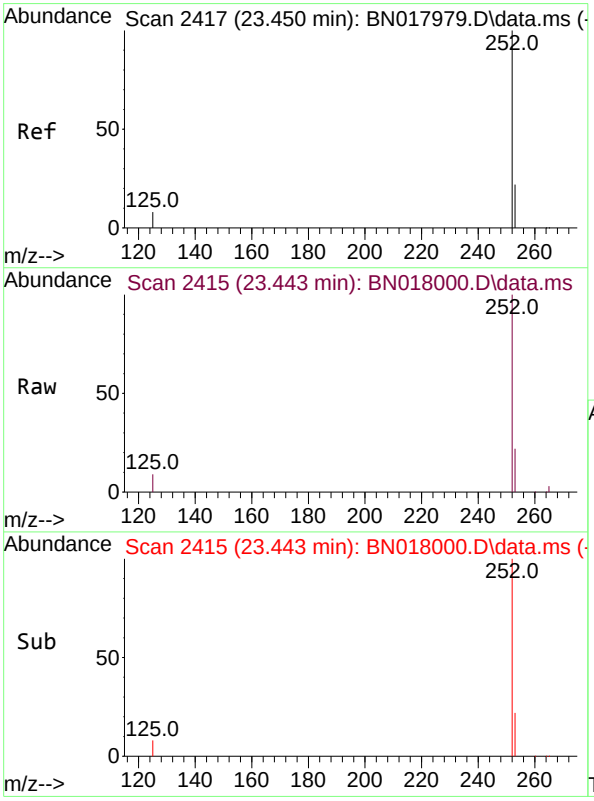
#38
Benzo(k)fluoranthene
Concen: 0.460 ng
RT: 22.903 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:252 Resp: 186260

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	7.7	6.2	9.2

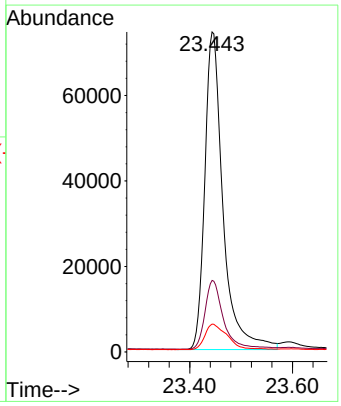


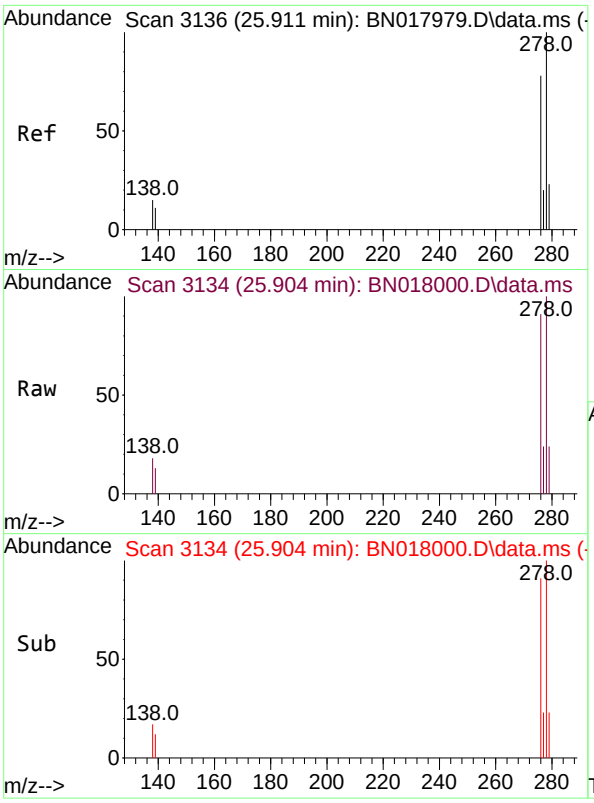


#39
Benzo(a)pyrene
Concen: 0.433 ng
RT: 23.443 min Scan# 2415
Delta R.T. -0.007 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:252 Resp: 182905

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	7.0	10.4



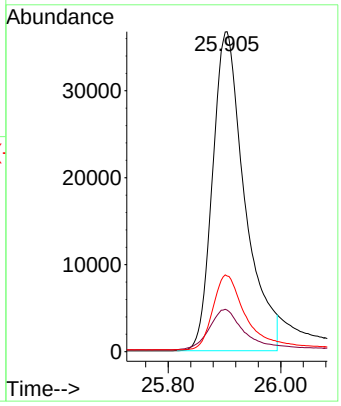


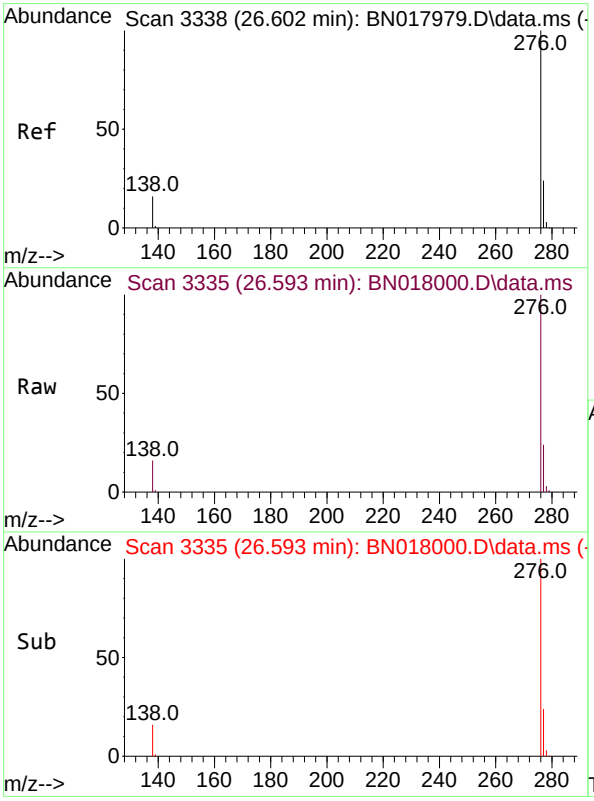
#40
Dibenzo(a,h)anthracene
Concen: 0.399 ng
RT: 25.904 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Tgt Ion:278 Resp: 145327

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	23.7	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.412 ng
RT: 26.593 min Scan# 3335
Delta R.T. -0.010 min
Lab File: BN018000.D
Acq: 14 Dec 2021 12:52

Tgt Ion:276 Resp: 180210

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	16.1	12.6	19.0