Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019760.D
Acq On : 12 May 2022 22:37
Operator : CG/JU
Sample : PB144707BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Quant Time: May 13 03:48:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5222	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	16002	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	9787	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	22011	0.400	ng		0.00
29) Chrysene-d12	21.396	240	18125	0.400	ng		0.00
35) Perylene-d12	23.738	264	15457	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4409	0.338	ng		0.00
5) Phenol-d6	7.017	99	5390	0.329	ng		0.00
8) Nitrobenzene-d5	9.003	82	3851	0.319	ng		0.00
11) 2-Methylnaphthalene-d10	12.231	152	9552	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1145	0.296	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	14921	0.349	ng		0.00
27) Fluoranthene-d10	19.240	212	20914	0.334	ng		0.00
31) Terphenyl-d14	19.843	244	15111	0.354	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2169	0.350	ng		98
3) n-Nitrosodimethylamine	3.673	42	2245	0.331	ng	#	98
6) bis(2-Chloroethyl)ether	7.277	93	5479	0.344	ng		100
9) Naphthalene	10.690	128	16774	0.345	ng		99
10) Hexachlorobutadiene	10.989	225	3081	0.349	ng	#	99
12) 2-Methylnaphthalene	12.303	142	11466	0.346	ng		99
16) Acenaphthylene	14.196	152	14883	0.324	ng		98
17) Acenaphthene	14.538	154	11449	0.337	ng		99
18) Fluorene	15.522	166	14504	0.338	ng		100
20) 4,6-Dinitro-2-methylph...	15.596	198	968	0.307	ng		95
21) 4-Bromophenyl-phenylether	16.405	248	4459	0.332	ng		99
22) Hexachlorobenzene	16.528	284	5206	0.349	ng		99
23) Atrazine	16.672	200	2608	0.297	ng		98
24) Pentachlorophenol	16.867	266	1553	0.270	ng		98
25) Phenanthrene	17.256	178	26152	0.343	ng		100
26) Anthracene	17.338	178	21058	0.327	ng		100
28) Fluoranthene	19.274	202	27189	0.333	ng		99
30) Pyrene	19.636	202	27468	0.357	ng		100
32) Benzo(a)anthracene	21.387	228	22202	0.336	ng		99
33) Chrysene	21.431	228	26169	0.353	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	8768	0.319	ng		99
36) Indeno(1,2,3-cd)pyrene	26.144	276	23870	0.330	ng		99
37) Benzo(b)fluoranthene	23.030	252	22714	0.337	ng		99
38) Benzo(k)fluoranthene	23.077	252	24300	0.339	ng		99
39) Benzo(a)pyrene	23.636	252	16887	0.318	ng		98
40) Dibenzo(a,h)anthracene	26.159	278	19206	0.329	ng		99
41) Benzo(g,h,i)perylene	26.875	276	18838	0.314	ng		100

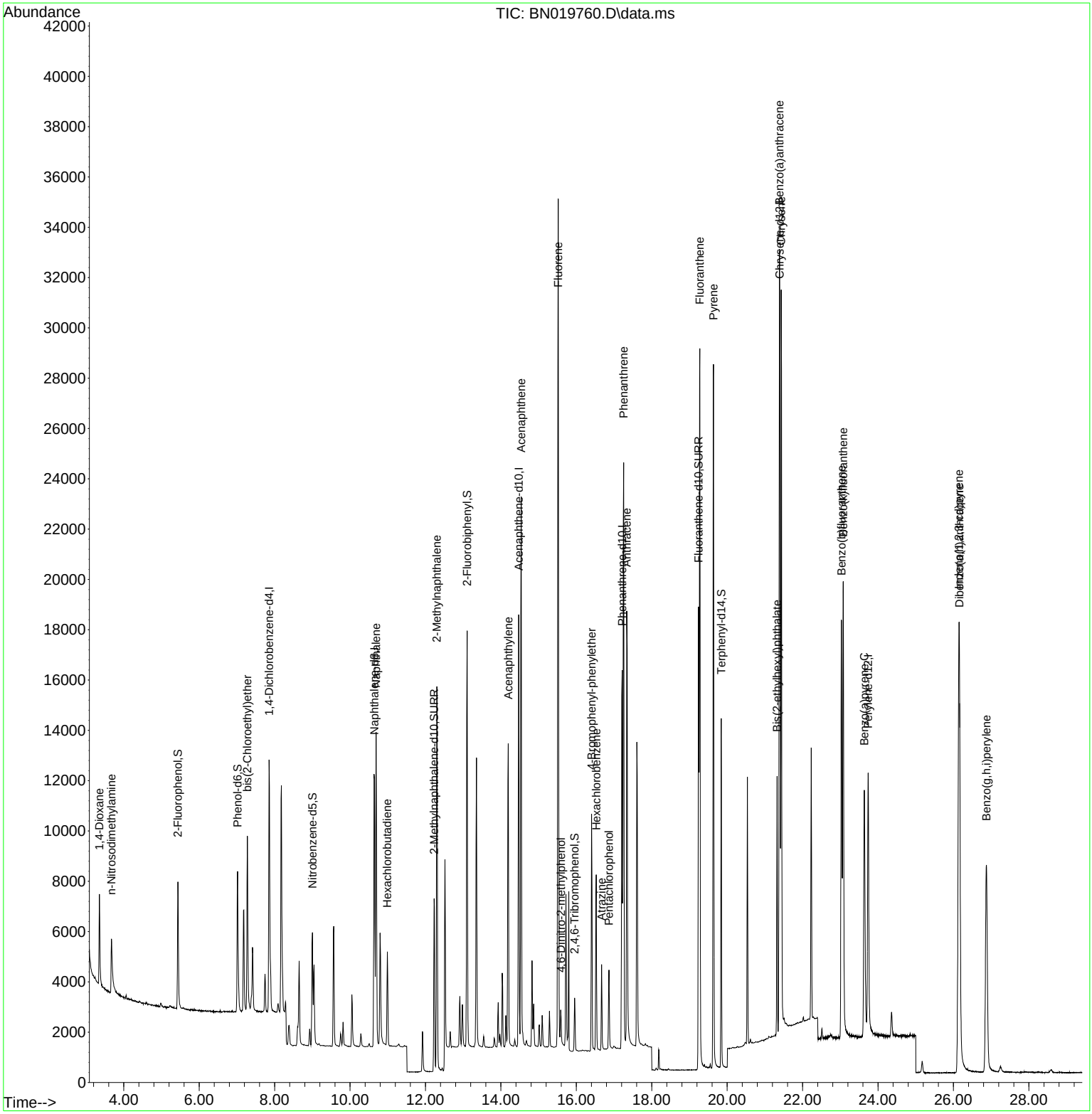
(#) = qualifier out of range (m) = manual integration (+) = signals summed

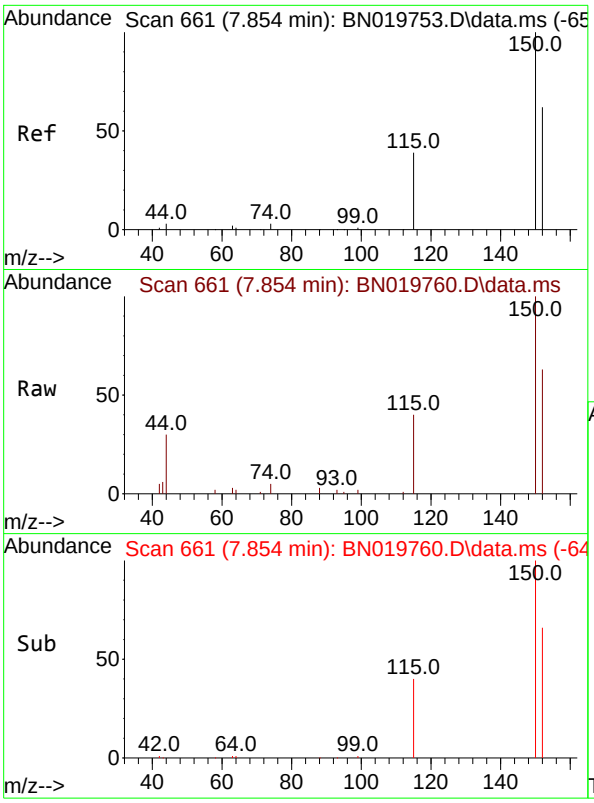
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051322\
Data File : BN019760.D
Acq On : 12 May 2022 22:37
Operator : CG/JU
Sample : PB144707BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Quant Time: May 13 03:48:46 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 02:41:37 2022
Response via : Initial Calibration



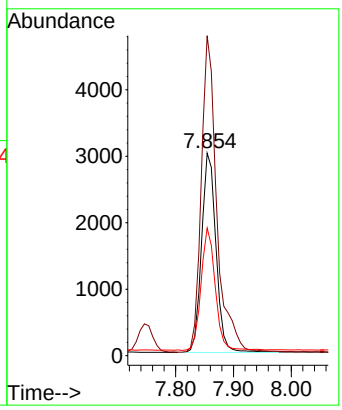


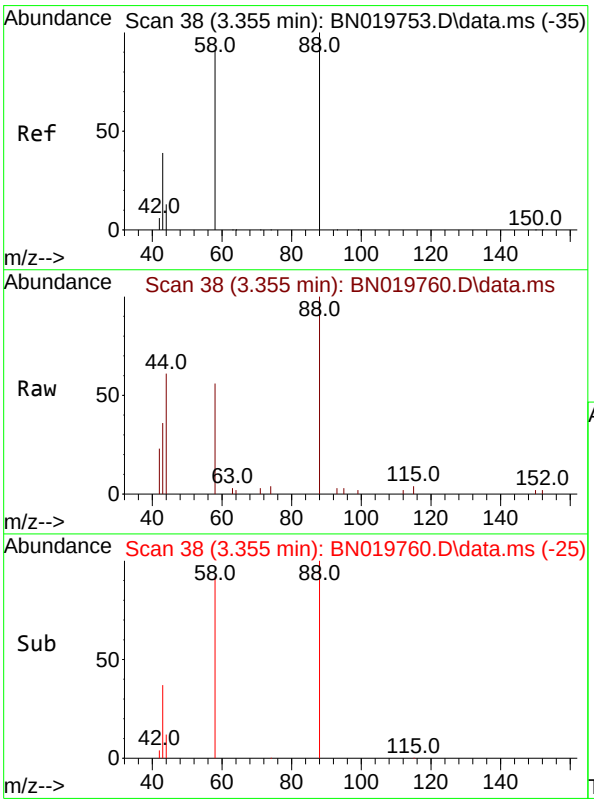
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:152 Resp: 5222

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.9	191.9
115	63.0	51.4	77.2

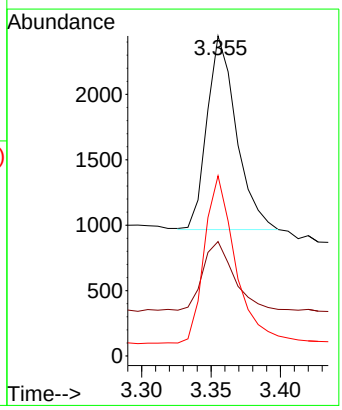


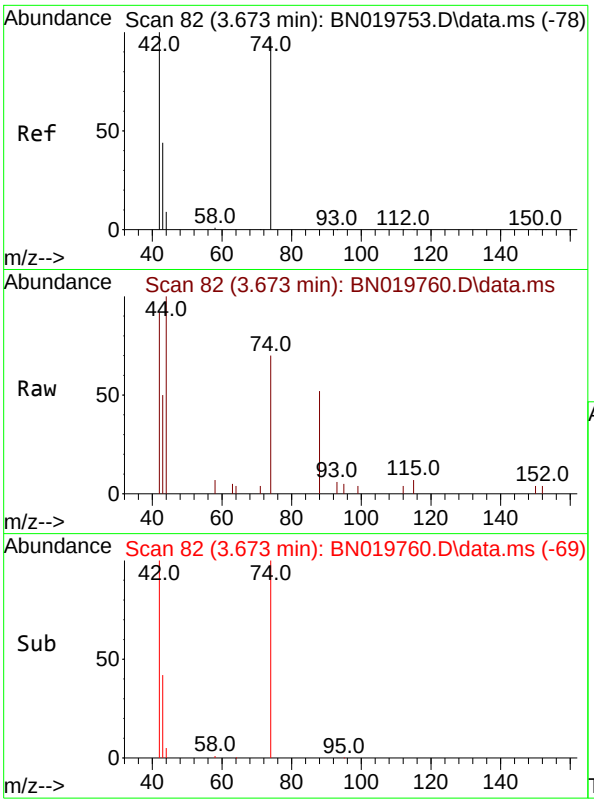


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.355 min Scan# 38
Delta R.T. -0.007 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion: 88 Resp: 2169

Ion	Ratio	Lower	Upper
88	100		
43	39.8	30.2	45.2
58	92.0	73.0	109.6



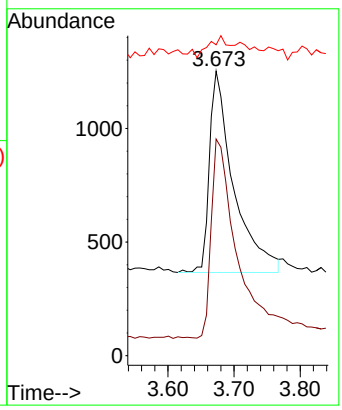


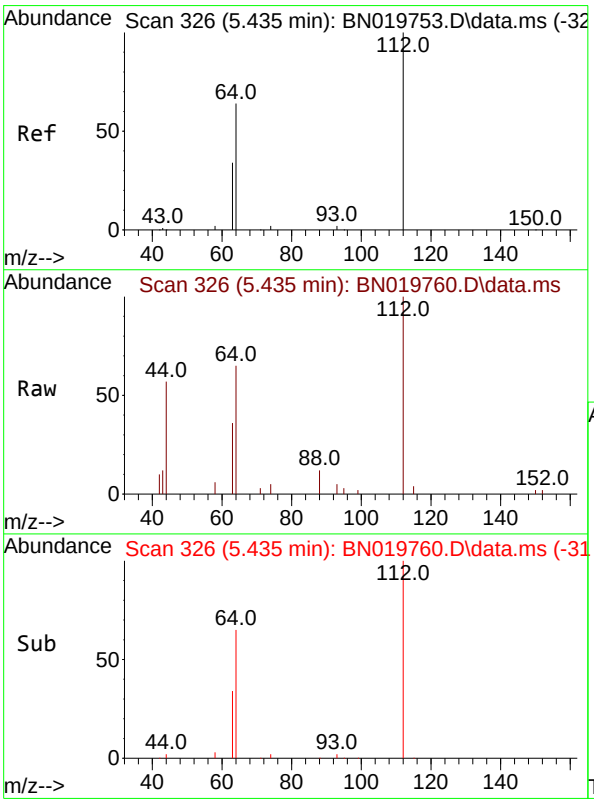
#3
n-Nitrosodimethylamine
Concen: 0.331 ng
RT: 3.673 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion: 42 Resp: 2245

Ion	Ratio	Lower	Upper
42	100		
74	106.4	84.0	126.0
44	8.0	9.8	14.8#

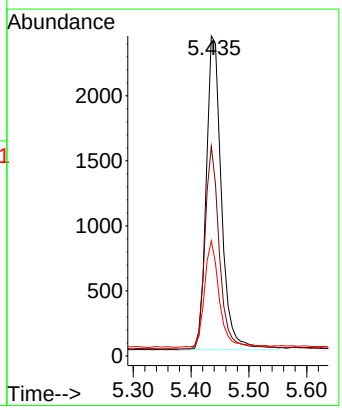


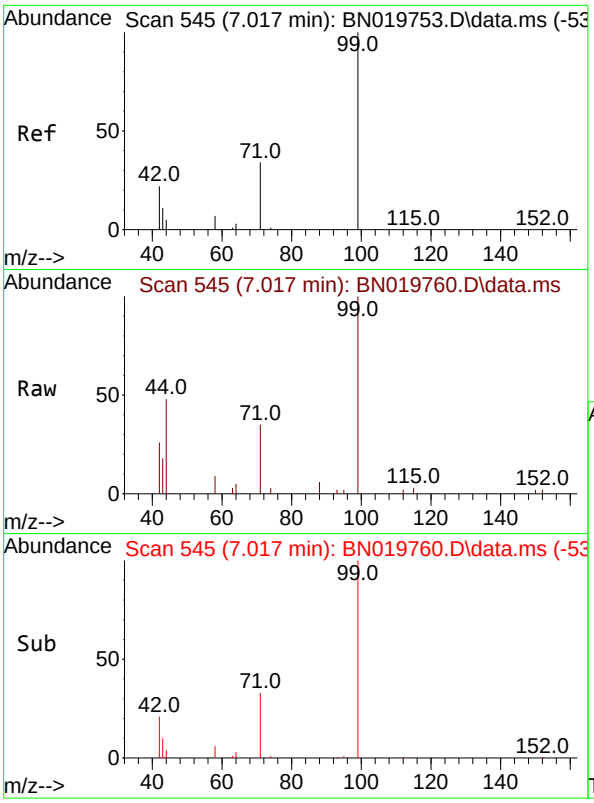


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.435 min Scan# 326
Delta R.T. -0.007 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:112 Resp: 4409

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.1	73.7
63	33.2	26.3	39.5



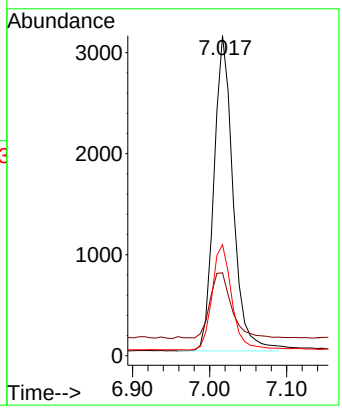


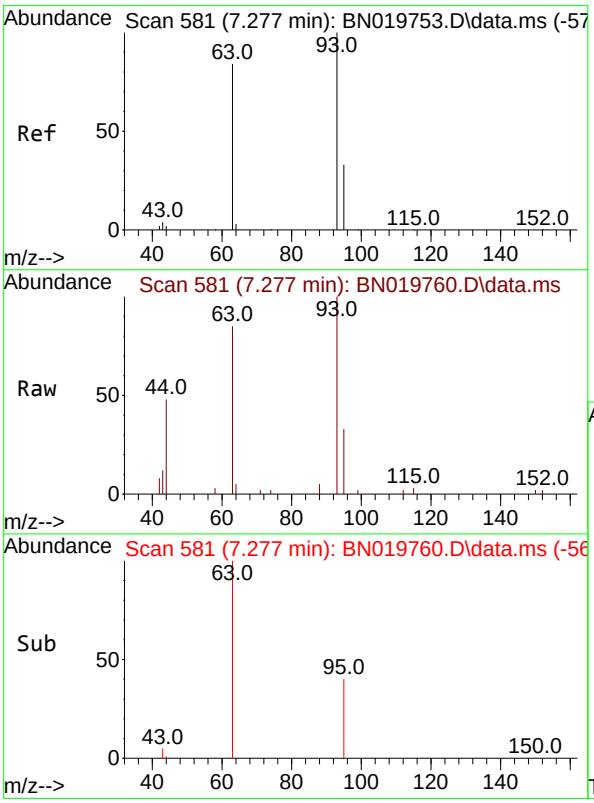
#5
Phenol-d6
Concen: 0.329 ng
RT: 7.017 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion: 99 Resp: 5390

Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.3	28.9
71	34.2	27.5	41.3

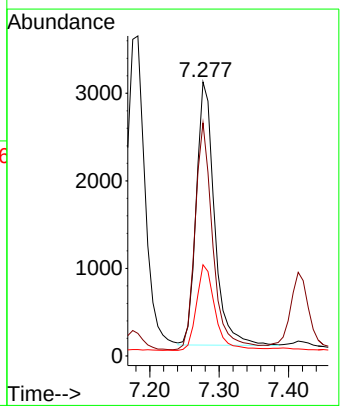


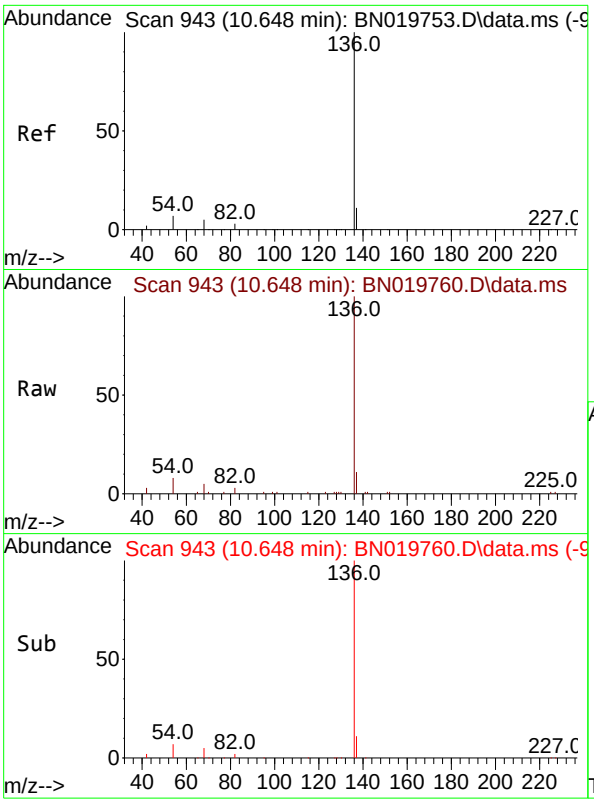


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 7.277 min Scan# 581
Delta R.T. -0.007 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion: 93 Resp: 5479

Ion	Ratio	Lower	Upper
93	100		
63	84.5	67.4	101.0
95	33.4	26.5	39.7



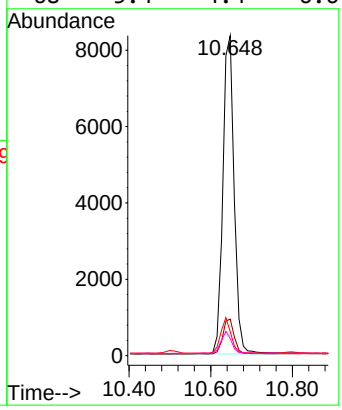


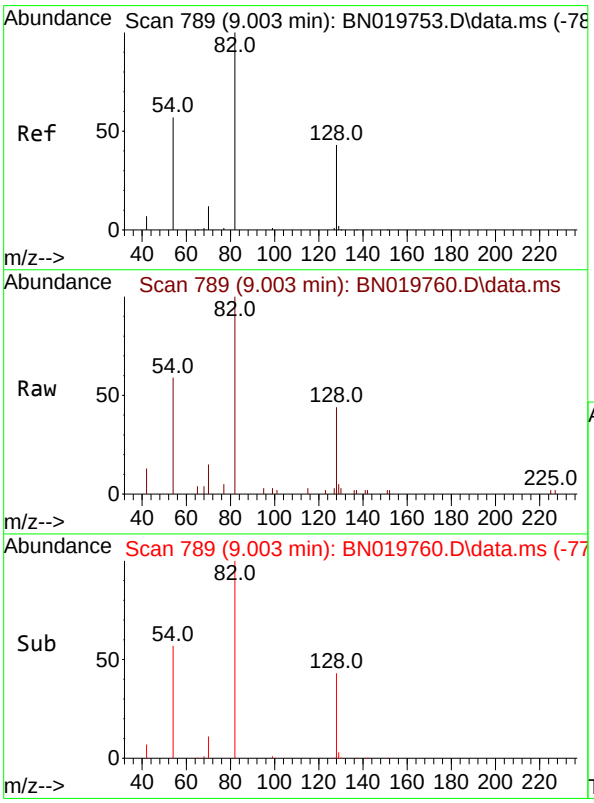
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:136 Resp: 16002

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	7.5	6.2	9.2
68	5.4	4.4	6.6

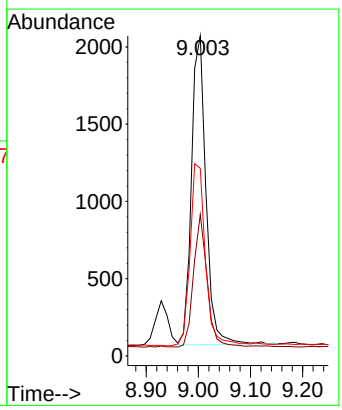


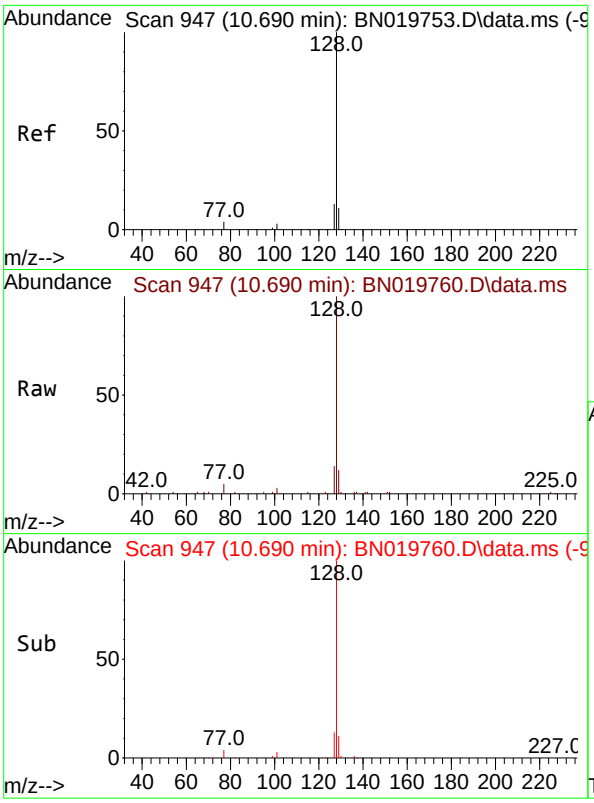


#8
Nitrobenzene-d5
Concen: 0.319 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion: 82 Resp: 3851

Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.0	52.6
54	58.7	46.2	69.4



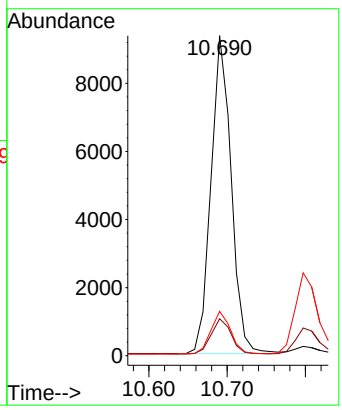


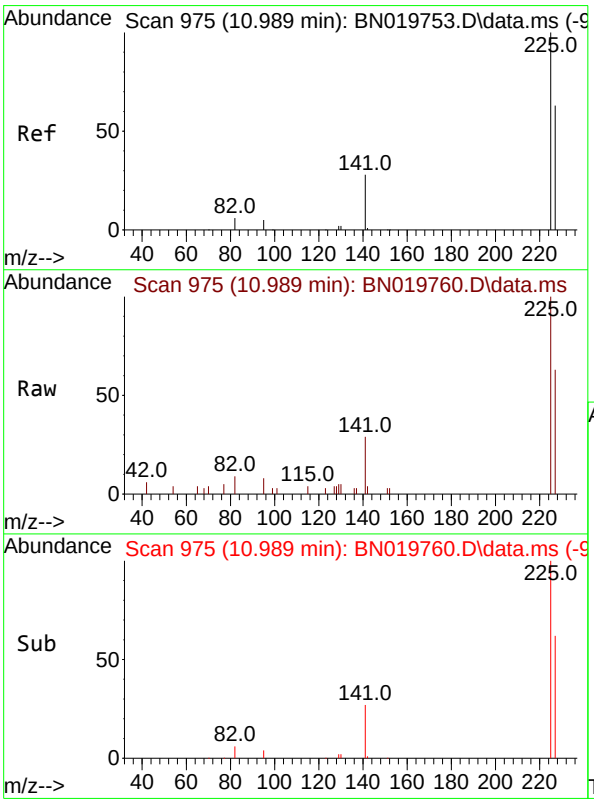
#9
Naphthalene
Concen: 0.345 ng
RT: 10.690 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:128 Resp: 16774

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.9	10.8	16.2

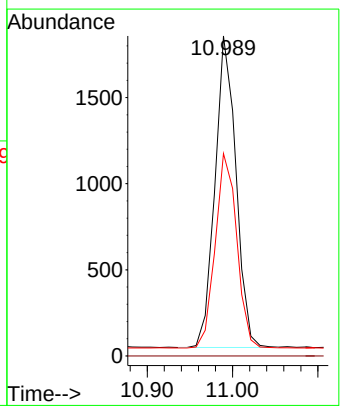


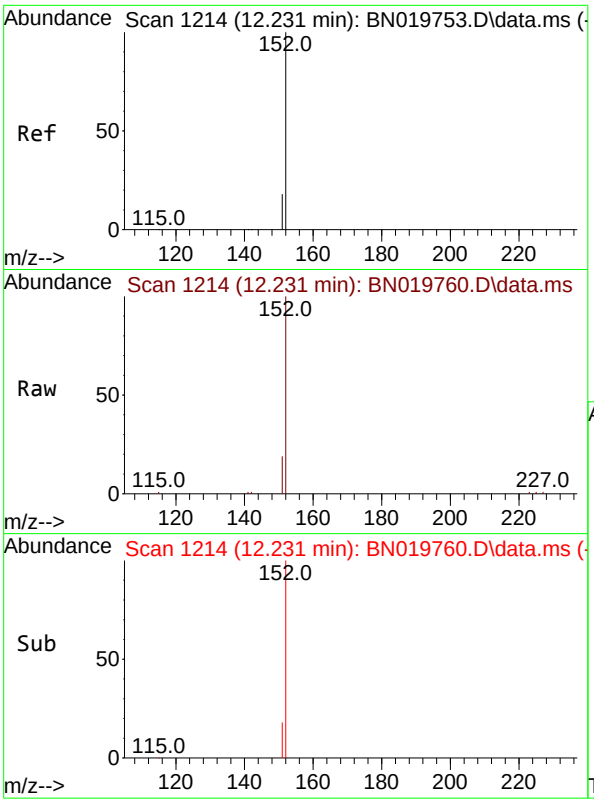


#10
Hexachlorobutadiene
Concen: 0.349 ng
RT: 10.989 min Scan# 975
Delta R.T. -0.011 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:225 Resp: 3081

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



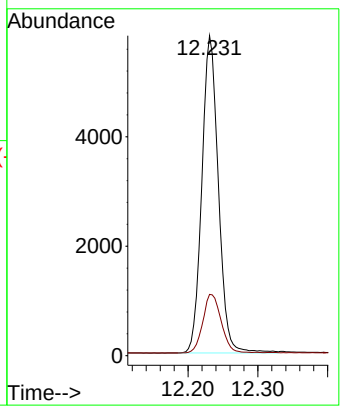


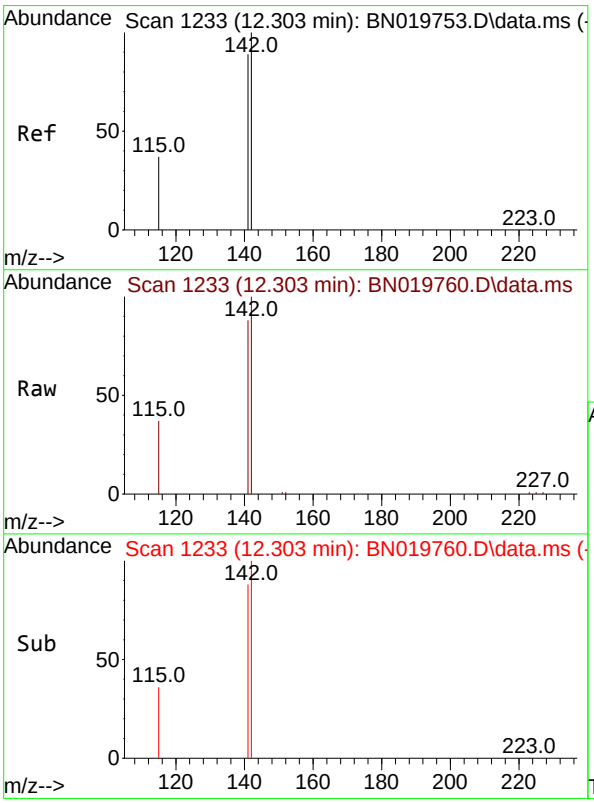
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.231 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:152 Resp: 9552

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

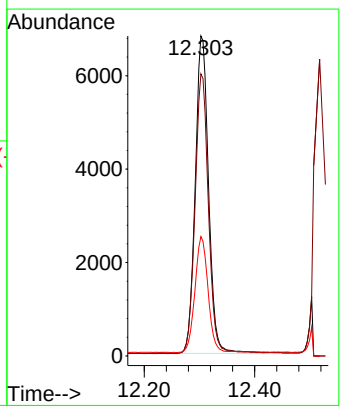


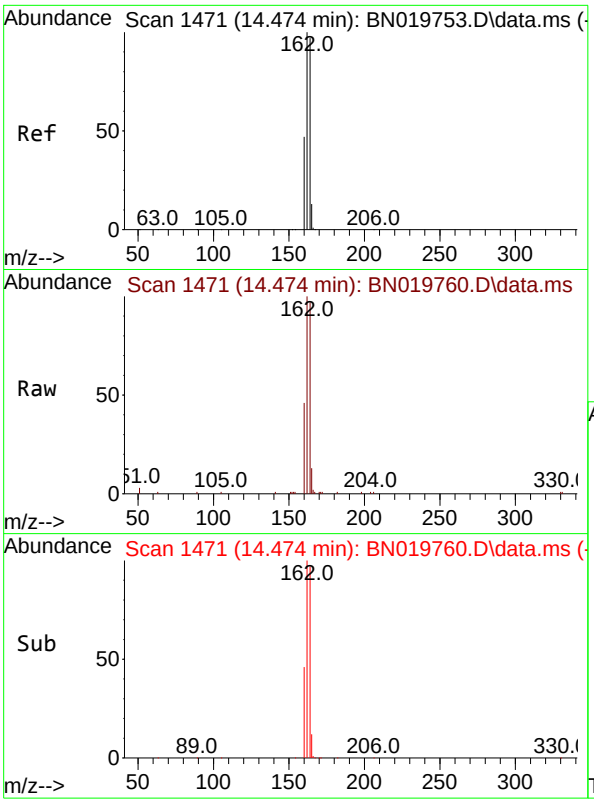


#12
2-Methylnaphthalene
Concen: 0.346 ng
RT: 12.303 min Scan# 1233
Delta R.T. -0.008 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:142 Resp: 11466

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	37.3	29.8	44.8



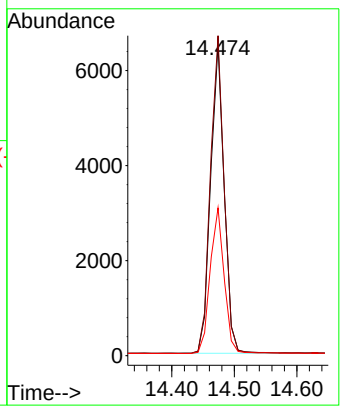


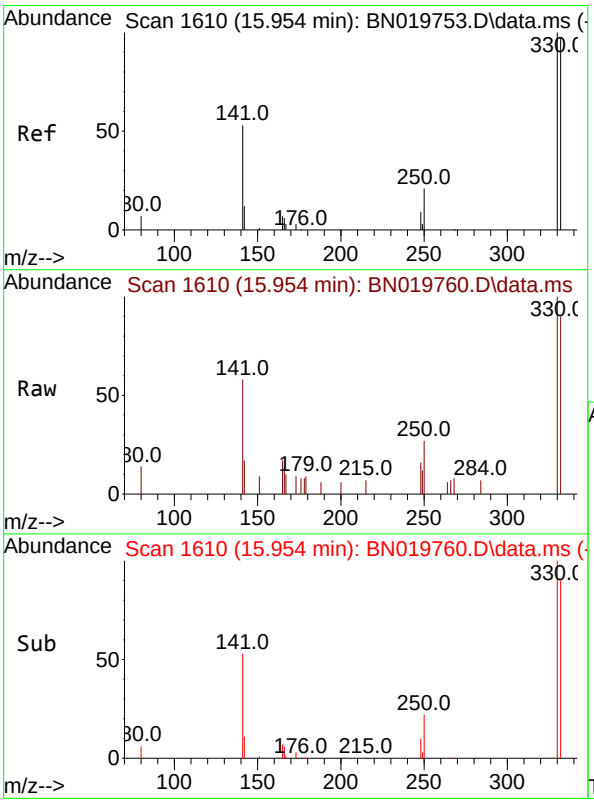
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:164 Resp: 9787

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	47.5	38.6	58.0

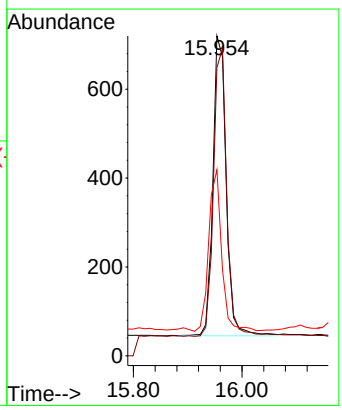


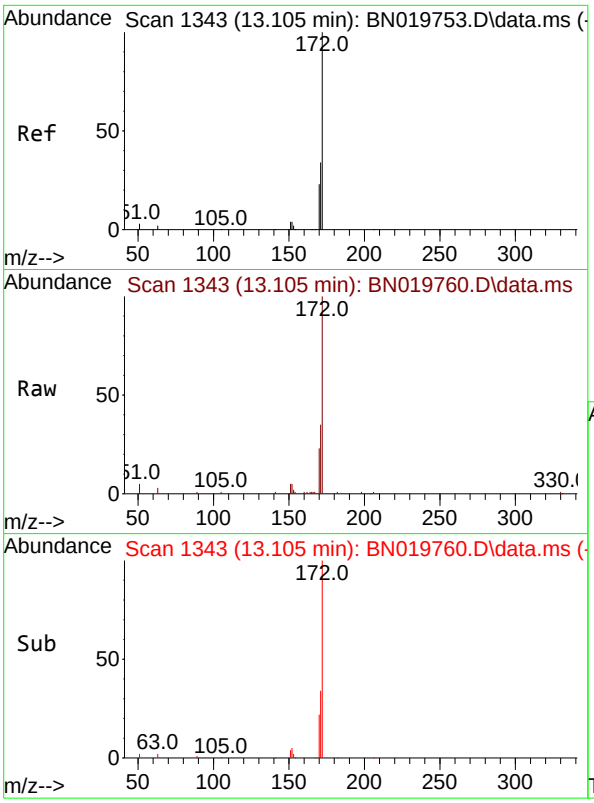


#14
2,4,6-Tribromophenol
Concen: 0.296 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.010 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:330 Resp: 1145

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	52.6	41.0	61.4



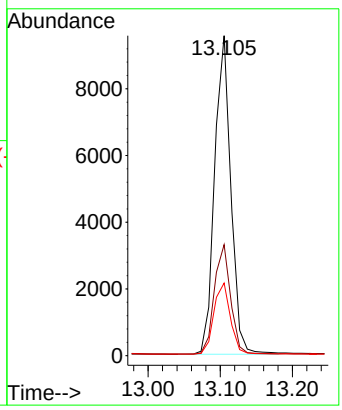


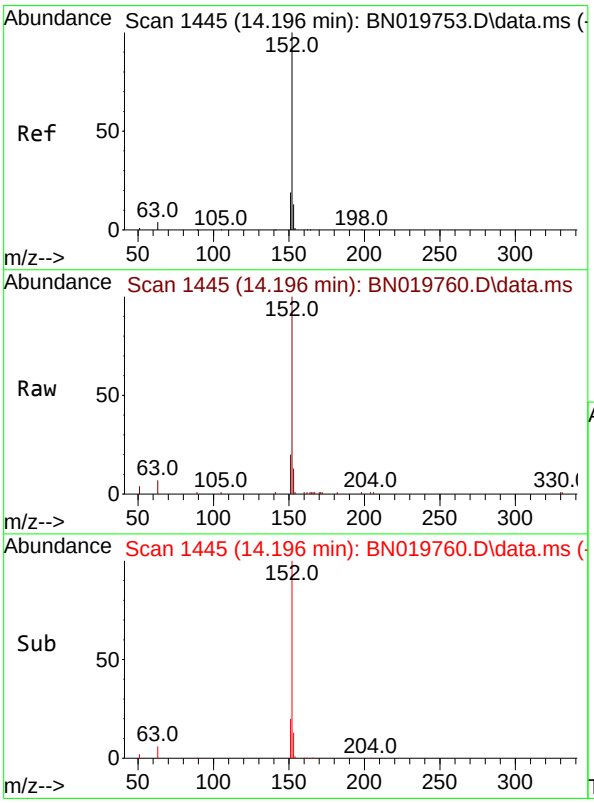
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:172 Resp: 14921

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.2	40.8
170	22.7	18.2	27.4

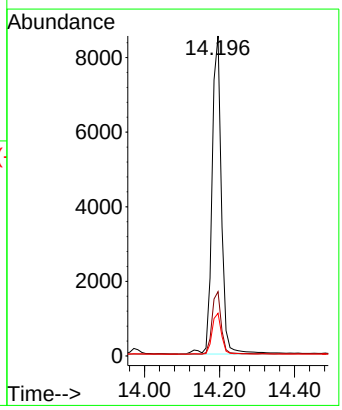


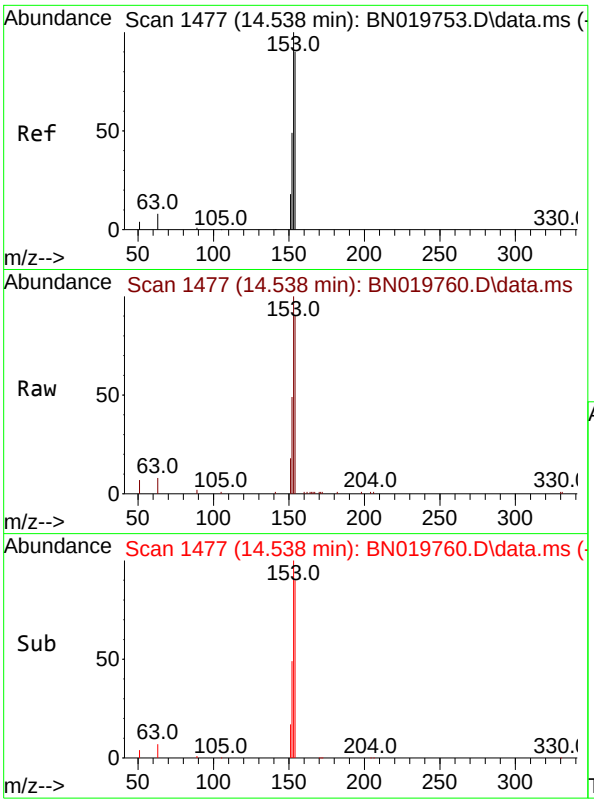


#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:152 Resp: 14883

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.4
153	12.8	10.7	16.1



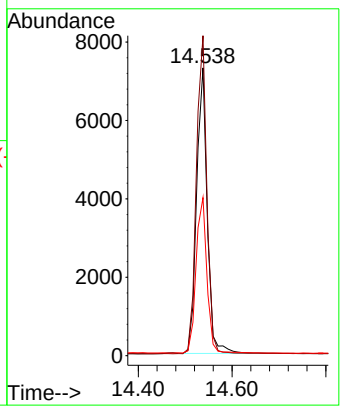


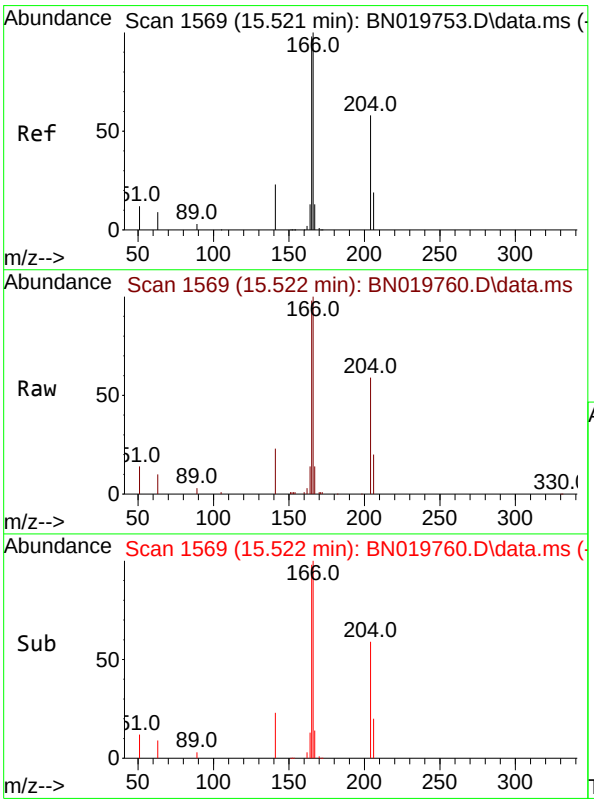
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:154 Resp: 11449

Ion	Ratio	Lower	Upper
154	100		
153	110.3	87.5	131.3
152	55.4	43.8	65.6

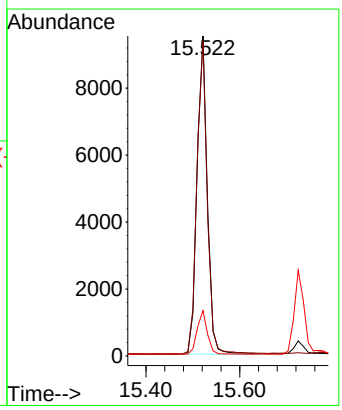


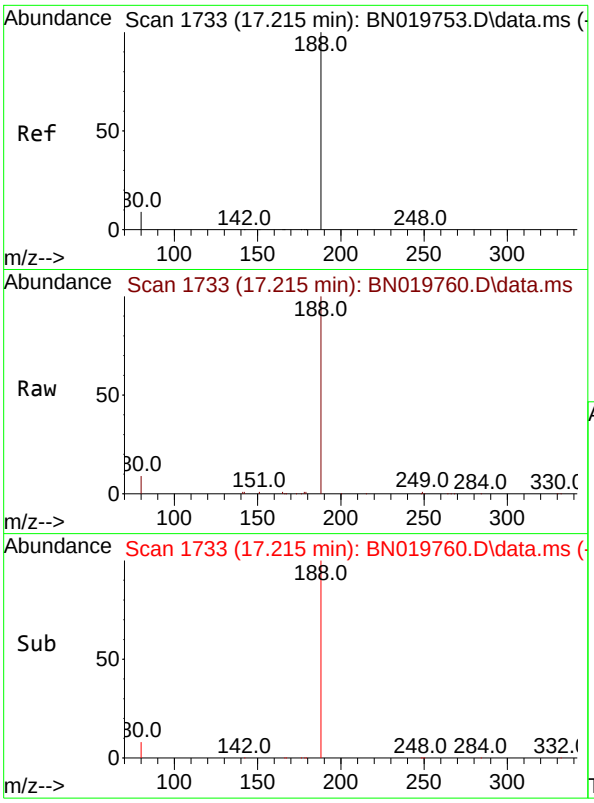


#18
Fluorene
Concen: 0.338 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:166 Resp: 14504

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	13.4	10.8	16.2



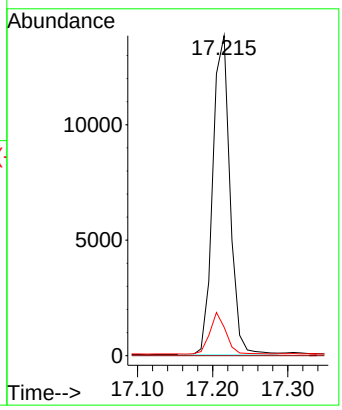


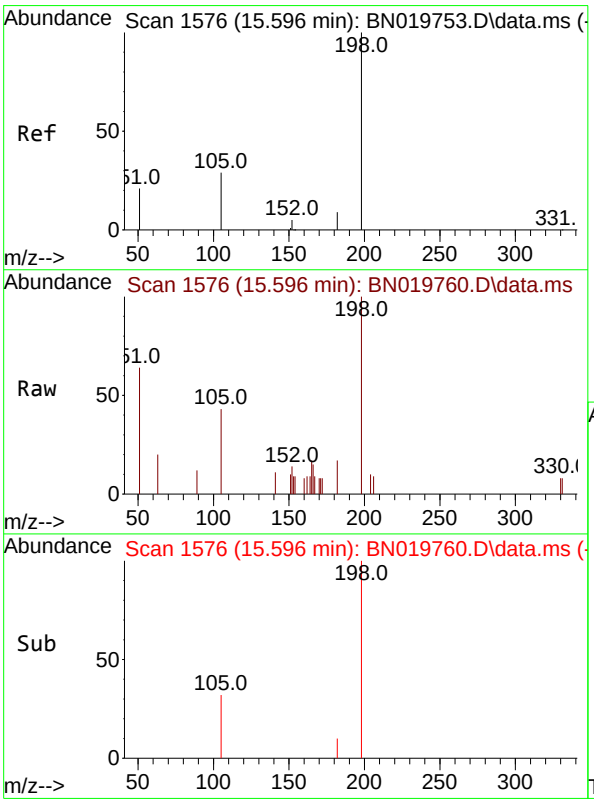
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:188 Resp: 22011

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.2

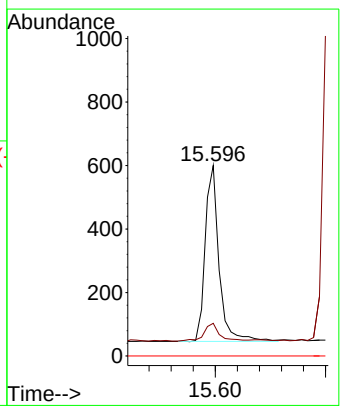


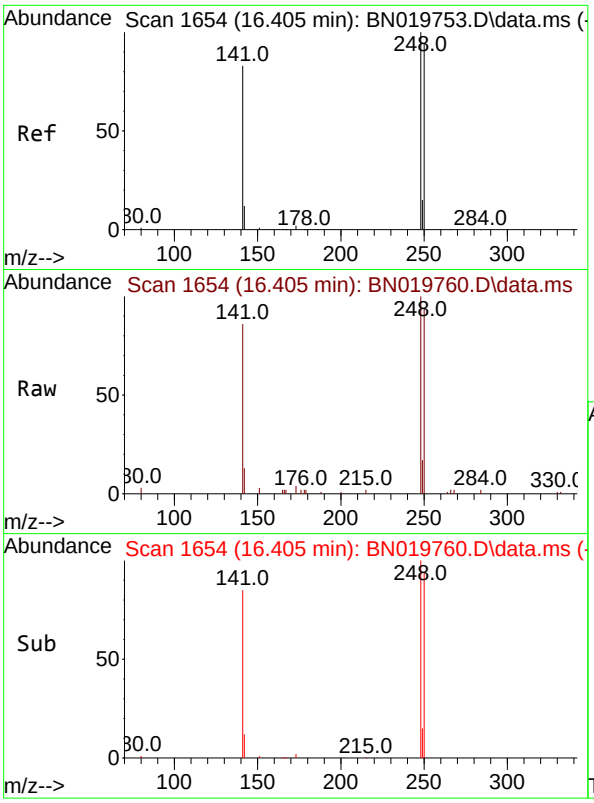


#20
4,6-Dinitro-2-methylphenol
Concen: 0.307 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:198 Resp: 968

Ion	Ratio	Lower	Upper
198	100		
182	17.2	12.1	18.1
77	0.0	0.0	0.0



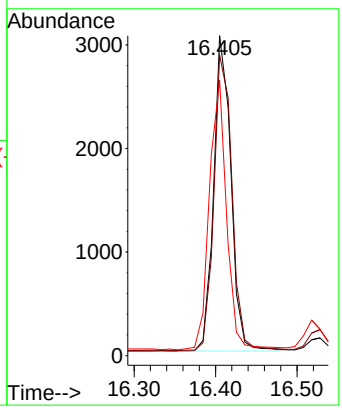


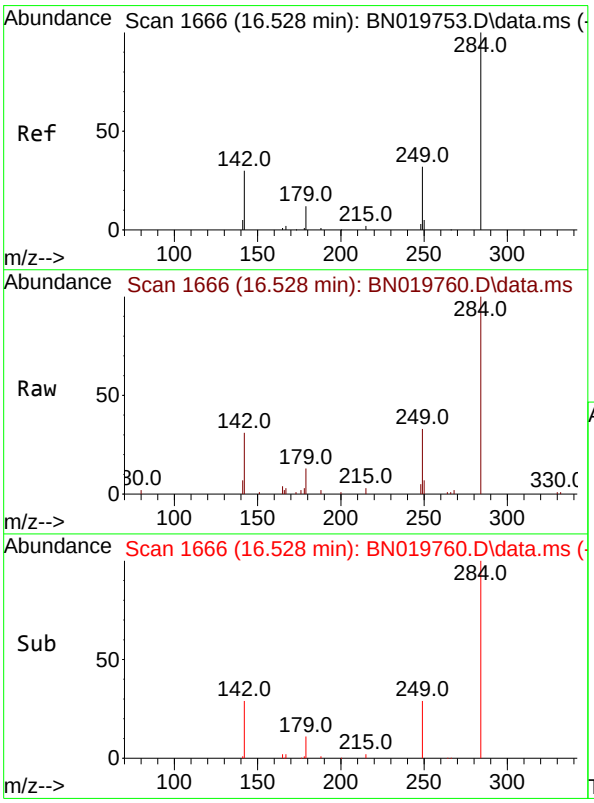
#21
4-Bromophenyl-phenylether
Concen: 0.332 ng
RT: 16.405 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:248 Resp: 4459

Ion	Ratio	Lower	Upper
248	100		
250	93.9	75.3	112.9
141	86.0	67.3	100.9

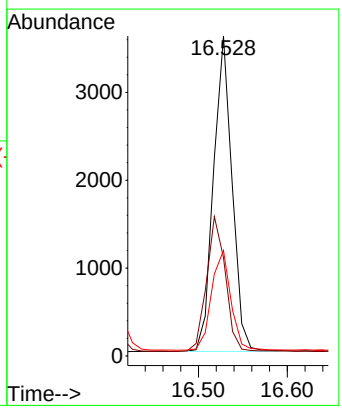


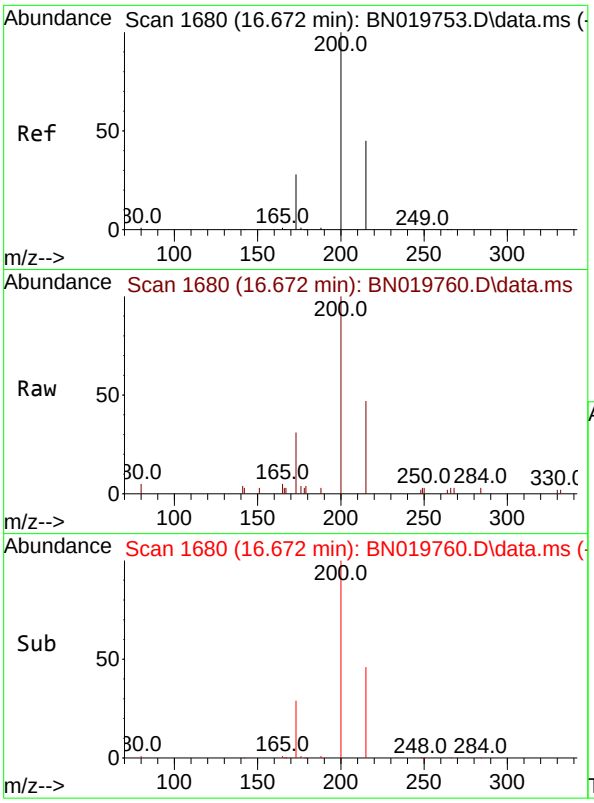


#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.528 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:284 Resp: 5206

Ion	Ratio	Lower	Upper
284	100		
142	43.3	35.2	52.8
249	32.8	26.6	40.0



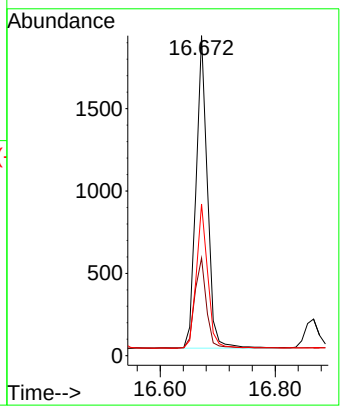


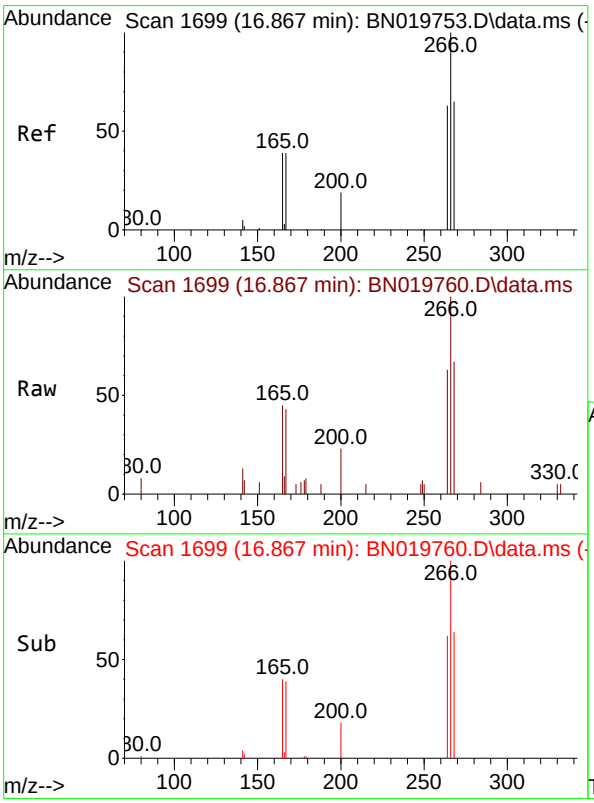
#23
Atrazine
Concen: 0.297 ng
RT: 16.672 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:200 Resp: 2608

Ion	Ratio	Lower	Upper
200	100		
173	30.5	23.6	35.4
215	47.4	36.6	54.8

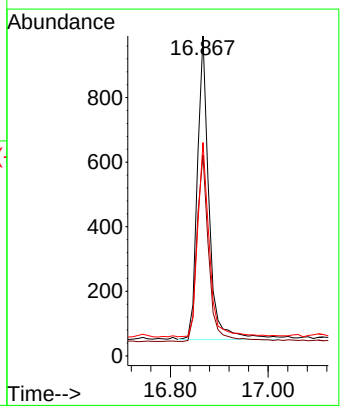


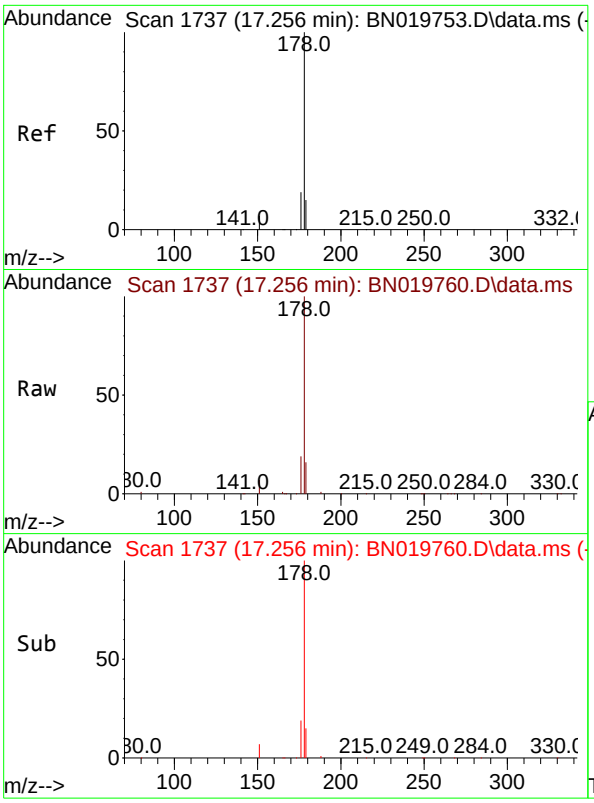


#24
Pentachlorophenol
Concen: 0.270 ng
RT: 16.867 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:266 Resp: 1553

Ion	Ratio	Lower	Upper
266	100		
264	62.7	51.3	76.9
268	64.0	52.6	79.0



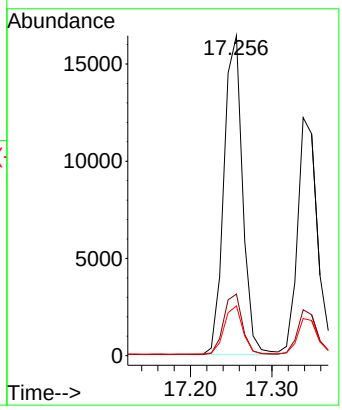


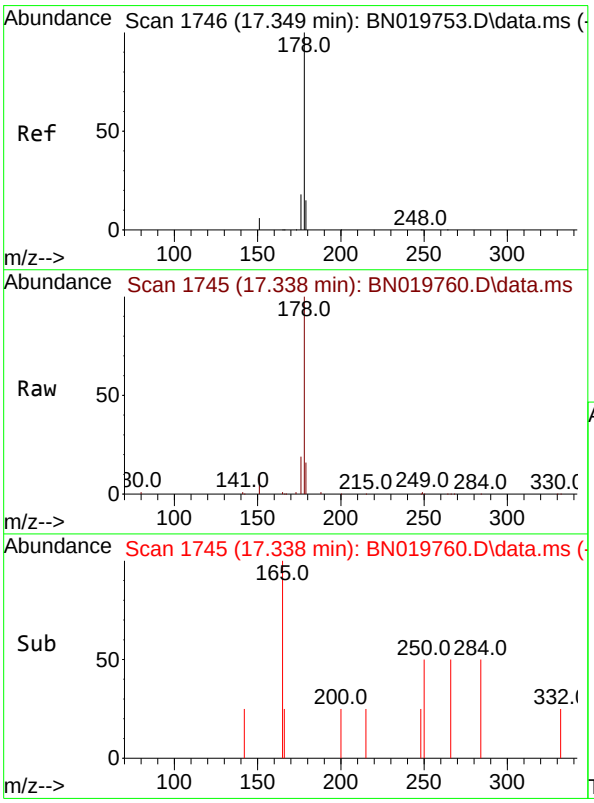
#25
Phenanthrene
Concen: 0.343 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:178 Resp: 26152

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.2	12.2	18.4

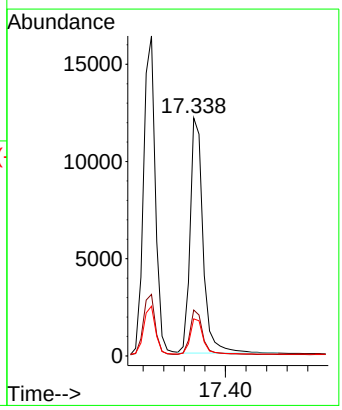


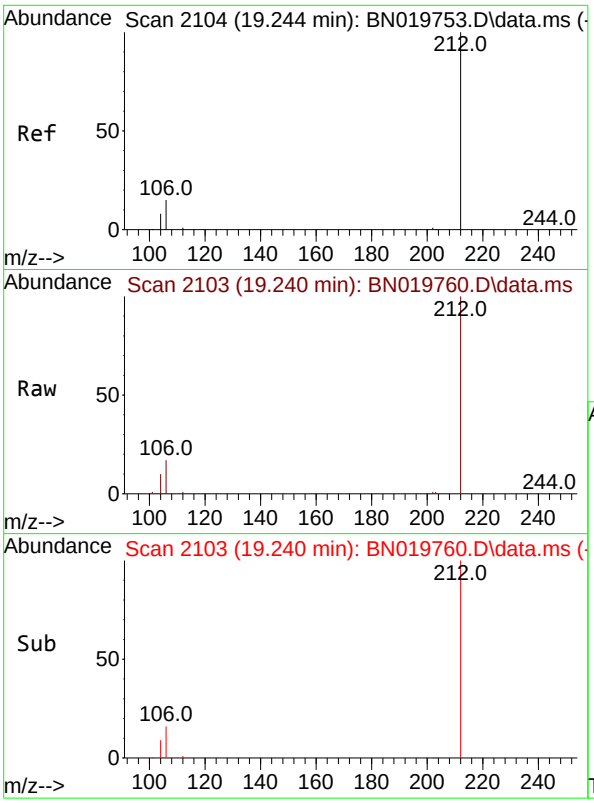


#26
Anthracene
Concen: 0.327 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.010 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:178 Resp: 21058

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.1	12.2	18.4



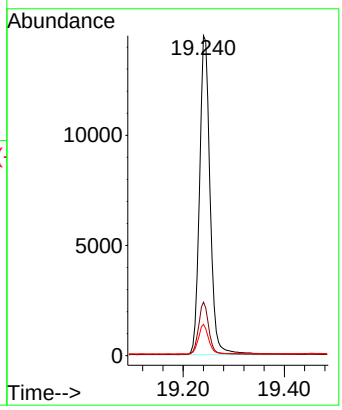


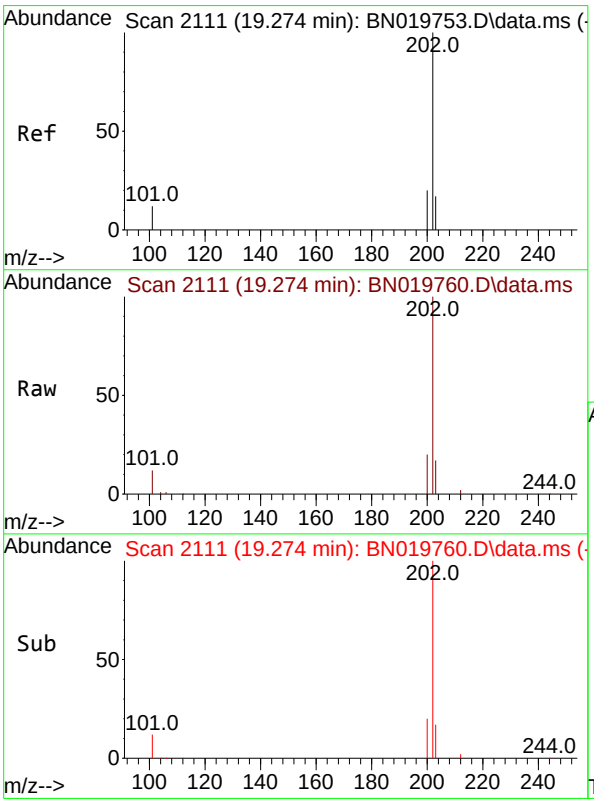
#27
Fluoranthene-d10
Concen: 0.334 ng
RT: 19.240 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:212 Resp: 20914

Ion	Ratio	Lower	Upper
212	100		
106	16.0	12.6	19.0
104	9.1	7.2	10.8

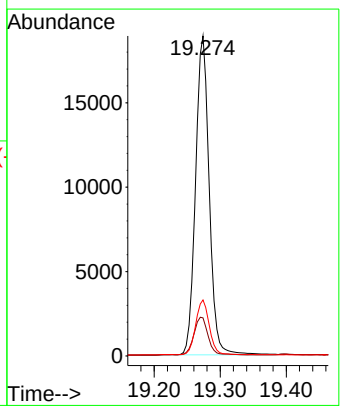


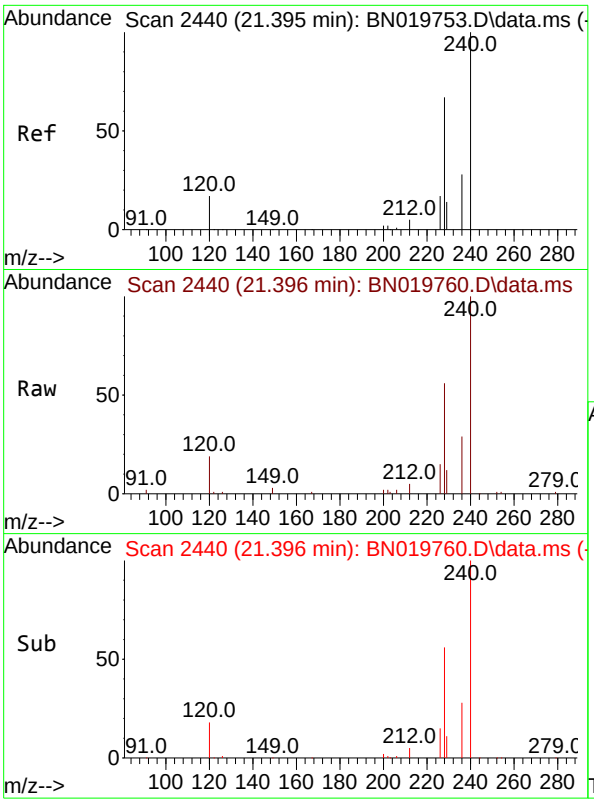


#28
Fluoranthene
Concen: 0.333 ng
RT: 19.274 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:202 Resp: 27189

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.6	14.4
203	16.9	13.5	20.3



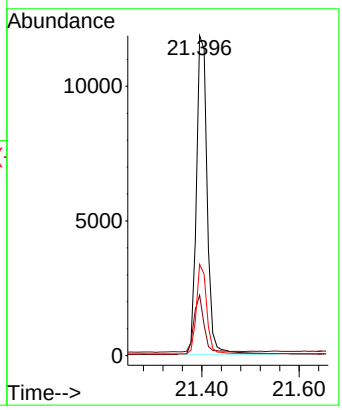


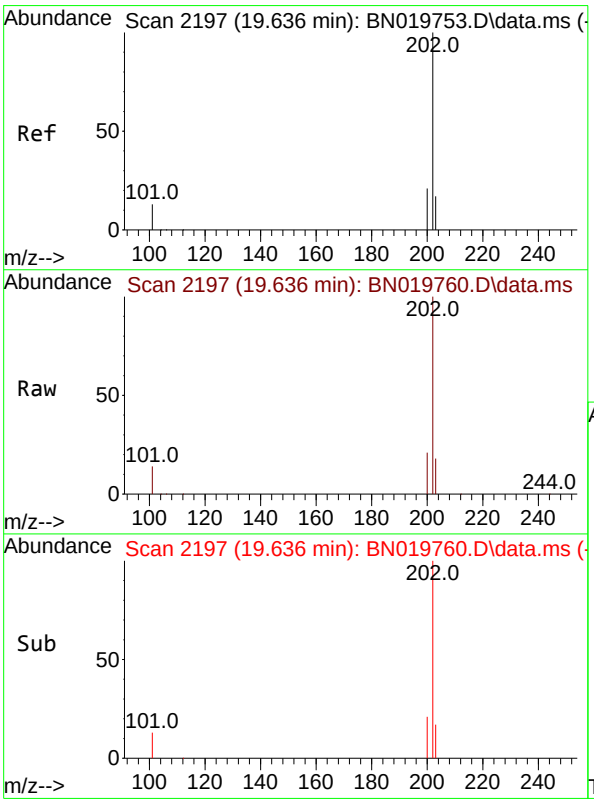
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:240 Resp: 18125

Ion	Ratio	Lower	Upper
240	100		
120	18.9	14.6	21.8
236	28.6	22.6	33.8

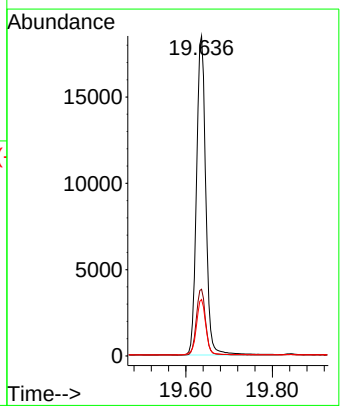


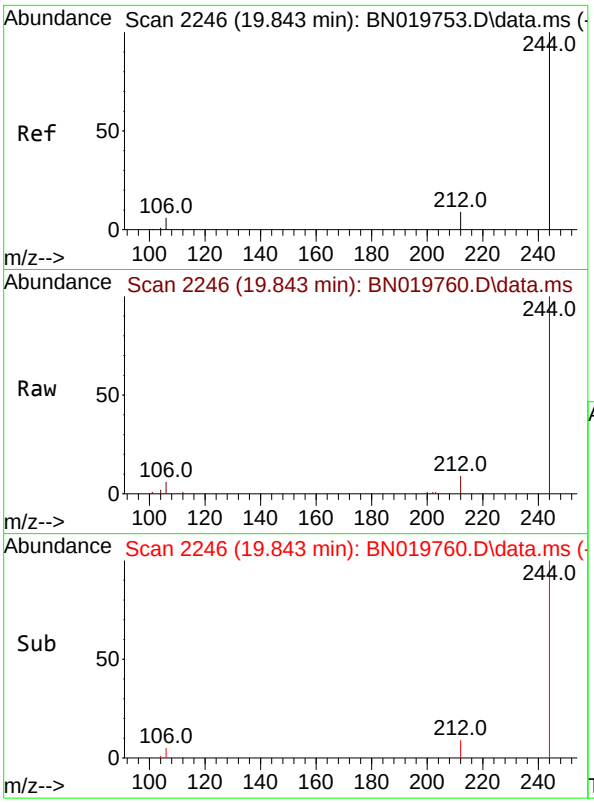


#30
Pyrene
Concen: 0.357 ng
RT: 19.636 min Scan# 2197
Delta R.T. -0.004 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:202 Resp: 27468

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.2	21.2



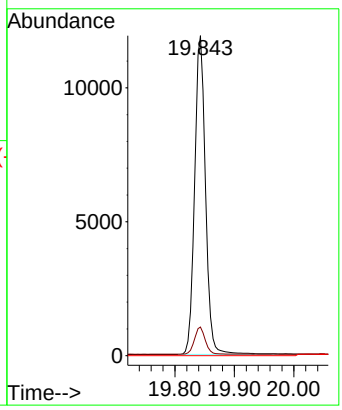


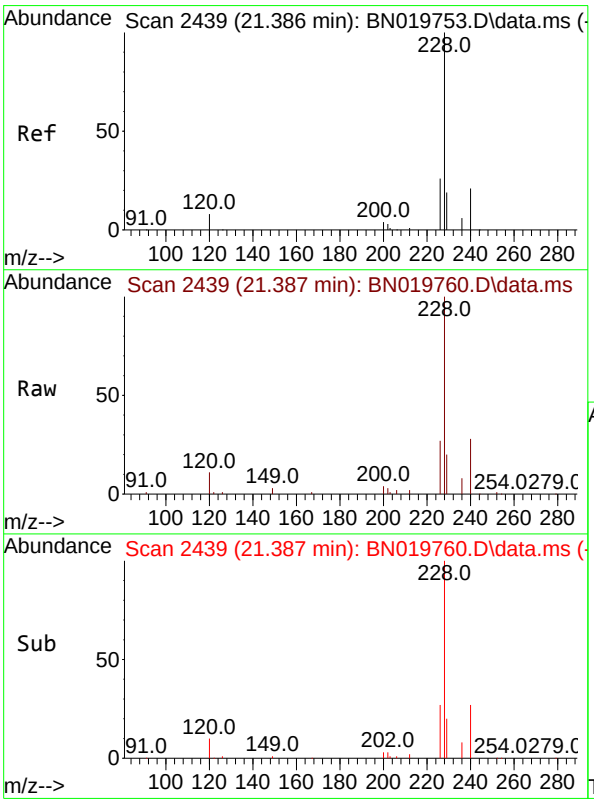
#31
Terphenyl-d14
Concen: 0.354 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:244 Resp: 15111

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

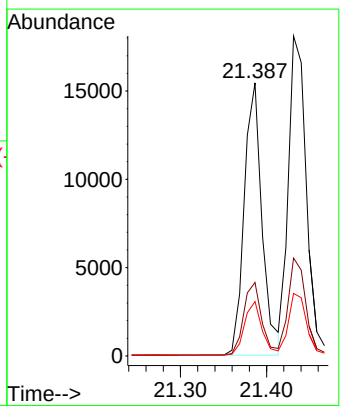


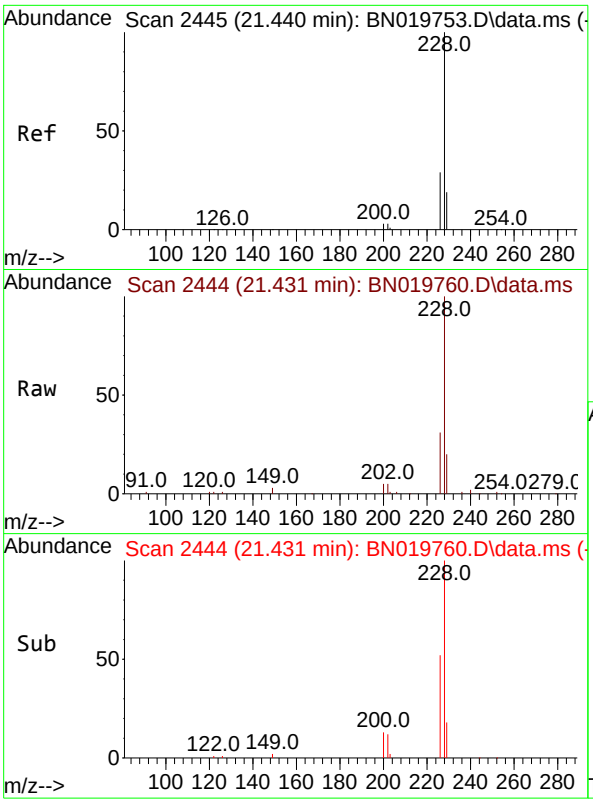


#32
Benzo(a)anthracene
Concen: 0.336 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:228 Resp: 22202

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.2	31.8
229	19.9	15.6	23.4



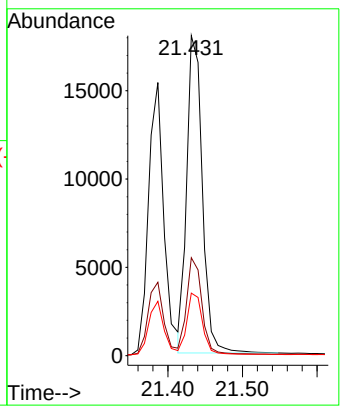


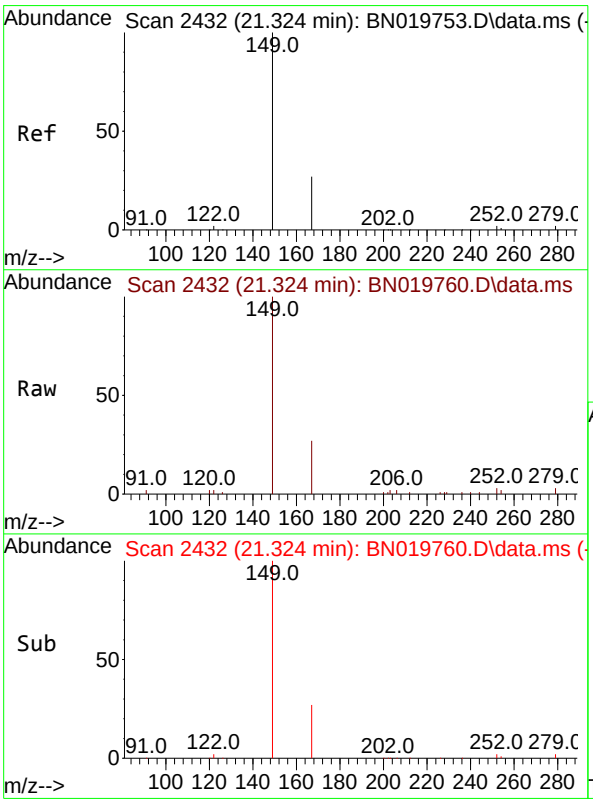
#33
Chrysene
Concen: 0.353 ng
RT: 21.431 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:228 Resp: 26169

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.6	15.7	23.5

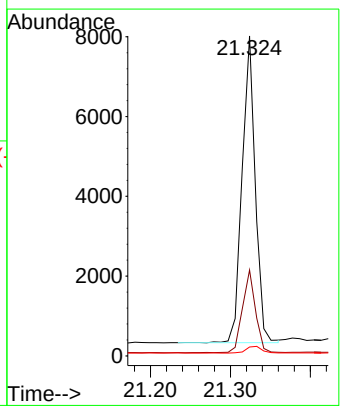


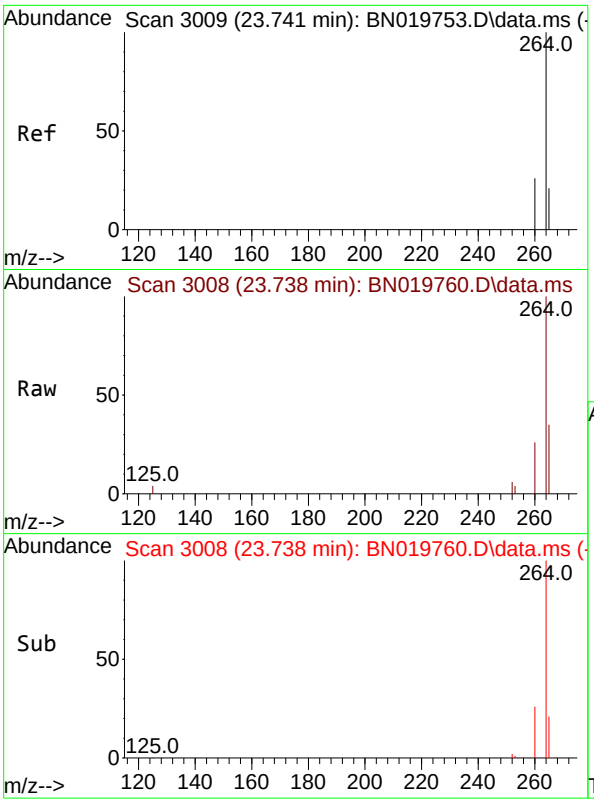


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.319 ng
RT: 21.324 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:149 Resp: 8768

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	2.7	2.2	3.2



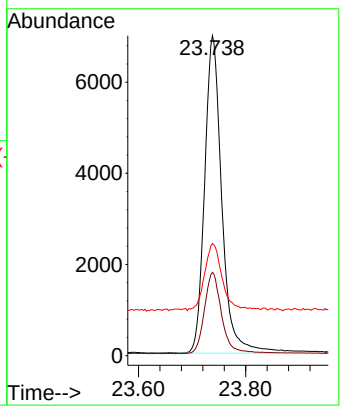


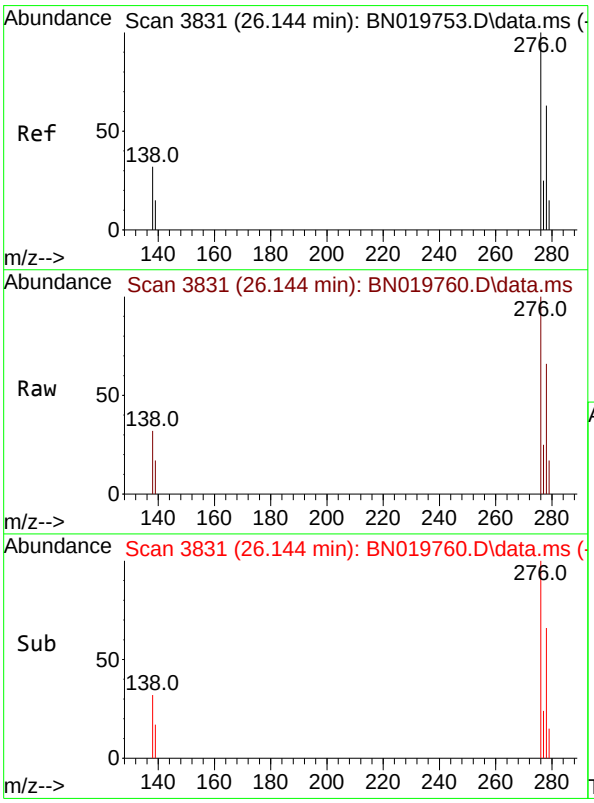
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:264 Resp: 15457

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.9	31.3
265	35.1	28.0	42.0

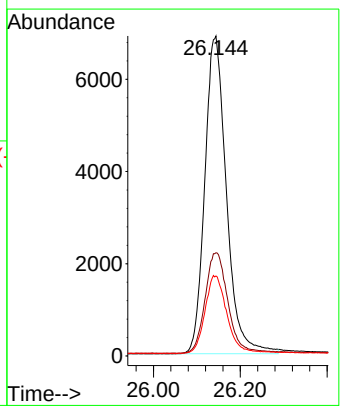


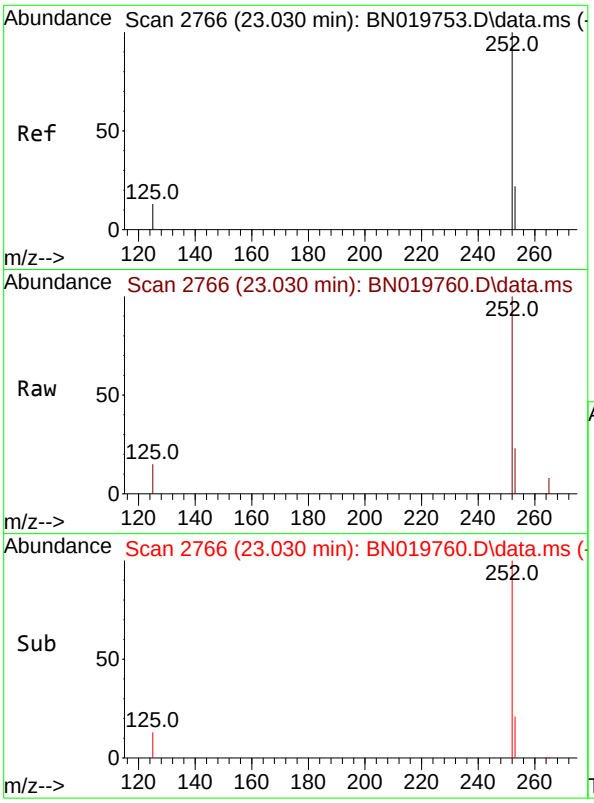


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.330 ng
RT: 26.144 min Scan# 3831
Delta R.T. -0.009 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:276 Resp: 23870

Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.9	38.9
277	24.9	19.8	29.8



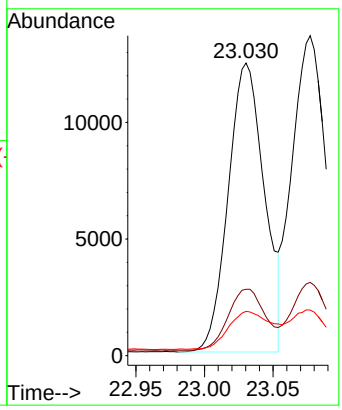


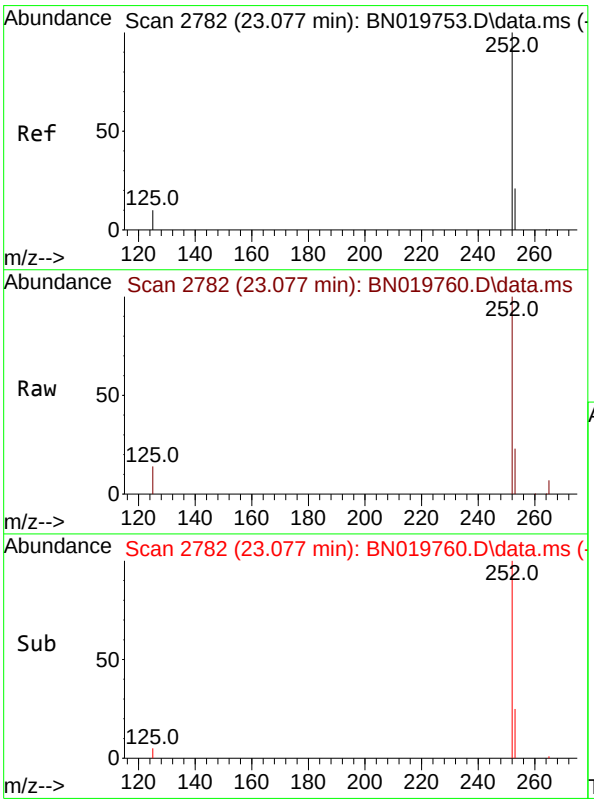
#37
Benzo(b)fluoranthene
Concen: 0.337 ng
RT: 23.030 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:252 Resp: 22714

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.5	27.7
125	15.1	11.4	17.0

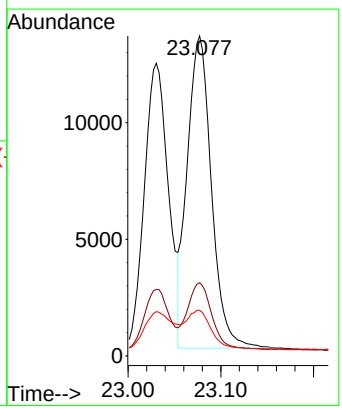


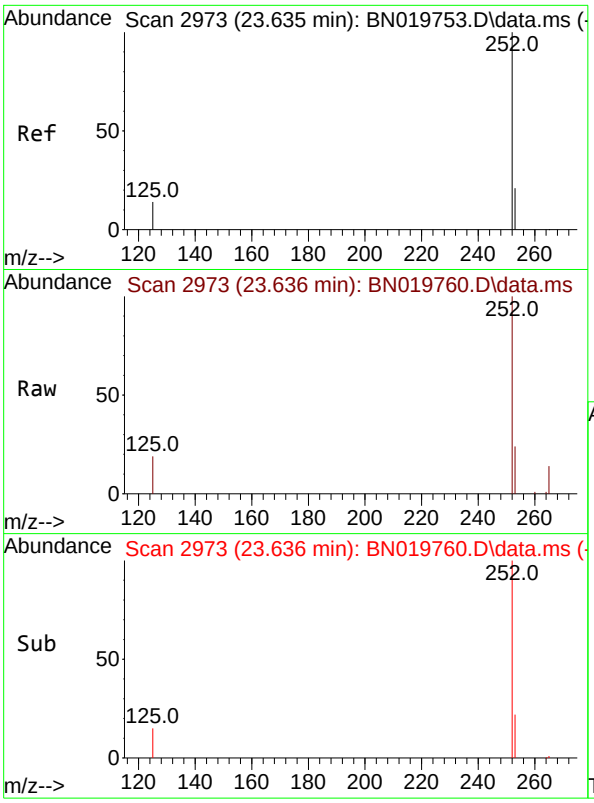


#38
Benzo(k)fluoranthene
Concen: 0.339 ng
RT: 23.077 min Scan# 2782
Delta R.T. -0.003 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:252 Resp: 24300

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	14.3	11.0	16.4



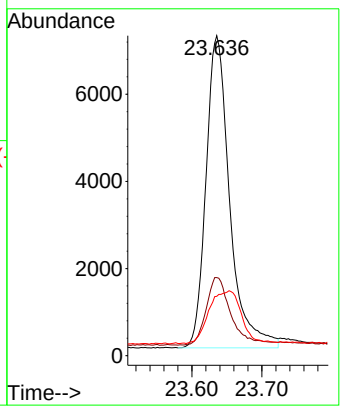


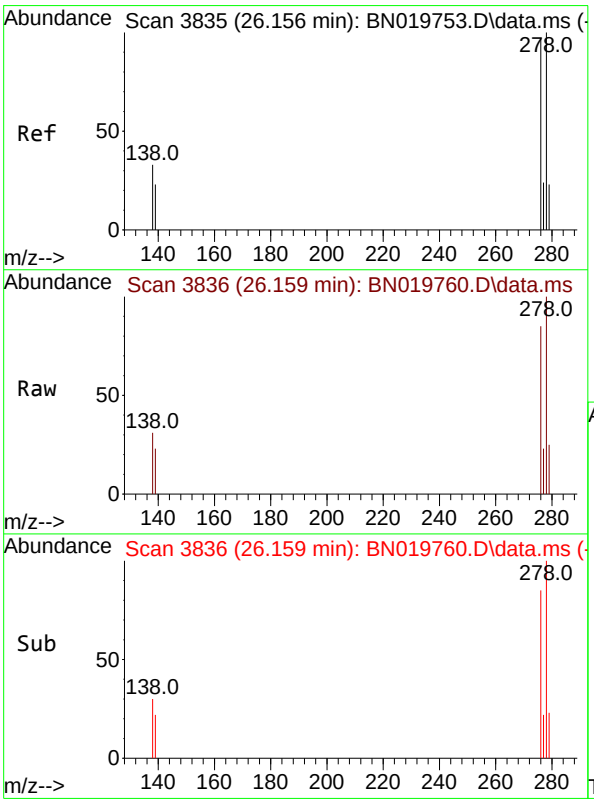
#39
Benzo(a)pyrene
Concen: 0.318 ng
RT: 23.636 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:252 Resp: 16887

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.0	28.4
125	18.6	13.8	20.8

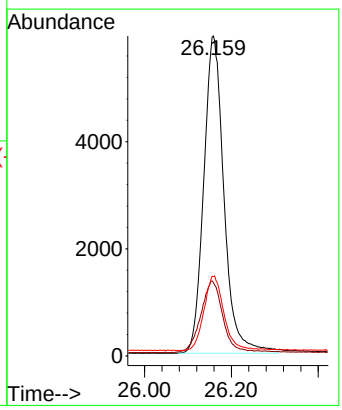


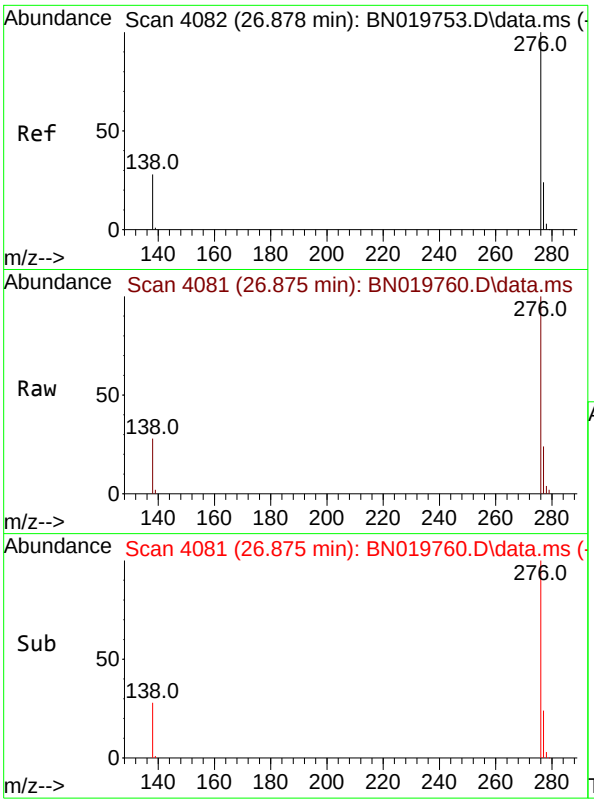


#40
Dibenzo(a,h)anthracene
Concen: 0.329 ng
RT: 26.159 min Scan# 3836
Delta R.T. -0.012 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Tgt Ion:278 Resp: 19206

Ion	Ratio	Lower	Upper
278	100		
139	23.0	18.6	28.0
279	24.8	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.314 ng
RT: 26.875 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN019760.D
Acq: 12 May 2022 22:37

Instrument :
BNA_N
ClientSampleId :
PB144707BS

Tgt Ion:276 Resp: 18838

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	28.5	22.6	34.0