Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021758.D
Acq On : 14 Sep 2022 22:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 15 02:13:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.055	152	4870	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	15362	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9404	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	20930	0.400	ng		0.00
29) Chrysene-d12	21.647	240	16370	0.400	ng		0.00
35) Perylene-d12	24.154	264	12838	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.585	112	5046	0.396	ng		0.00
5) Phenol-d6	7.210	99	6475	0.401	ng		0.00
8) Nitrobenzene-d5	9.233	82	4732	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	14407	0.372	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1609	0.374	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	14805	0.386	ng		0.00
27) Fluoranthene-d10	19.490	212	21275	0.378	ng		0.00
31) Terphenyl-d14	20.080	244	14763	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2345	0.373	ng		97
3) n-Nitrosodimethylamine	3.736	42	2356	0.368	ng	#	97
6) bis(2-Chloroethyl)ether	7.470	93	6149	0.384	ng		99
9) Naphthalene	10.930	128	17318	0.382	ng		100
10) Hexachlorobutadiene	11.219	225	2960	0.391	ng	#	99
12) 2-Methylnaphthalene	12.176	142	3769	0.387	ng		99
16) Acenaphthylene	14.429	152	16579	0.369	ng		100
17) Acenaphthene	14.771	154	11602	0.378	ng		99
18) Fluorene	15.747	166	15622	0.383	ng		100
21) 4-Bromophenyl-phenylether	16.648	248	4902	0.380	ng	#	90
22) Hexachlorobenzene	16.763	284	5644	0.389	ng		99
23) Atrazine	16.913	200	3865	0.363	ng		100
24) Pentachlorophenol	17.109	266	1821	0.335	ng		96
25) Phenanthrene	17.502	178	26695	0.380	ng		100
26) Anthracene	17.594	178	22187	0.373	ng		100
28) Fluoranthene	19.519	202	28655	0.379	ng		100
30) Pyrene	19.882	202	28746	0.354	ng		95
32) Benzo(a)anthracene	21.629	228	23888	0.381	ng		99
33) Chrysene	21.683	228	25264	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	15161	0.361	ng		100
36) Indeno(1,2,3-cd)pyrene	26.794	276	21962	0.360	ng		100
37) Benzo(b)fluoranthene	23.382	252	22551	0.387	ng		98
38) Benzo(k)fluoranthene	23.432	252	21348	0.374	ng		98
39) Benzo(a)pyrene	24.040	252	17444	0.375	ng		97
40) Dibenzo(a,h)anthracene	26.820	278	17286	0.358	ng		99
41) Benzo(g,h,i)perylene	27.610	276	17764	0.358	ng		98

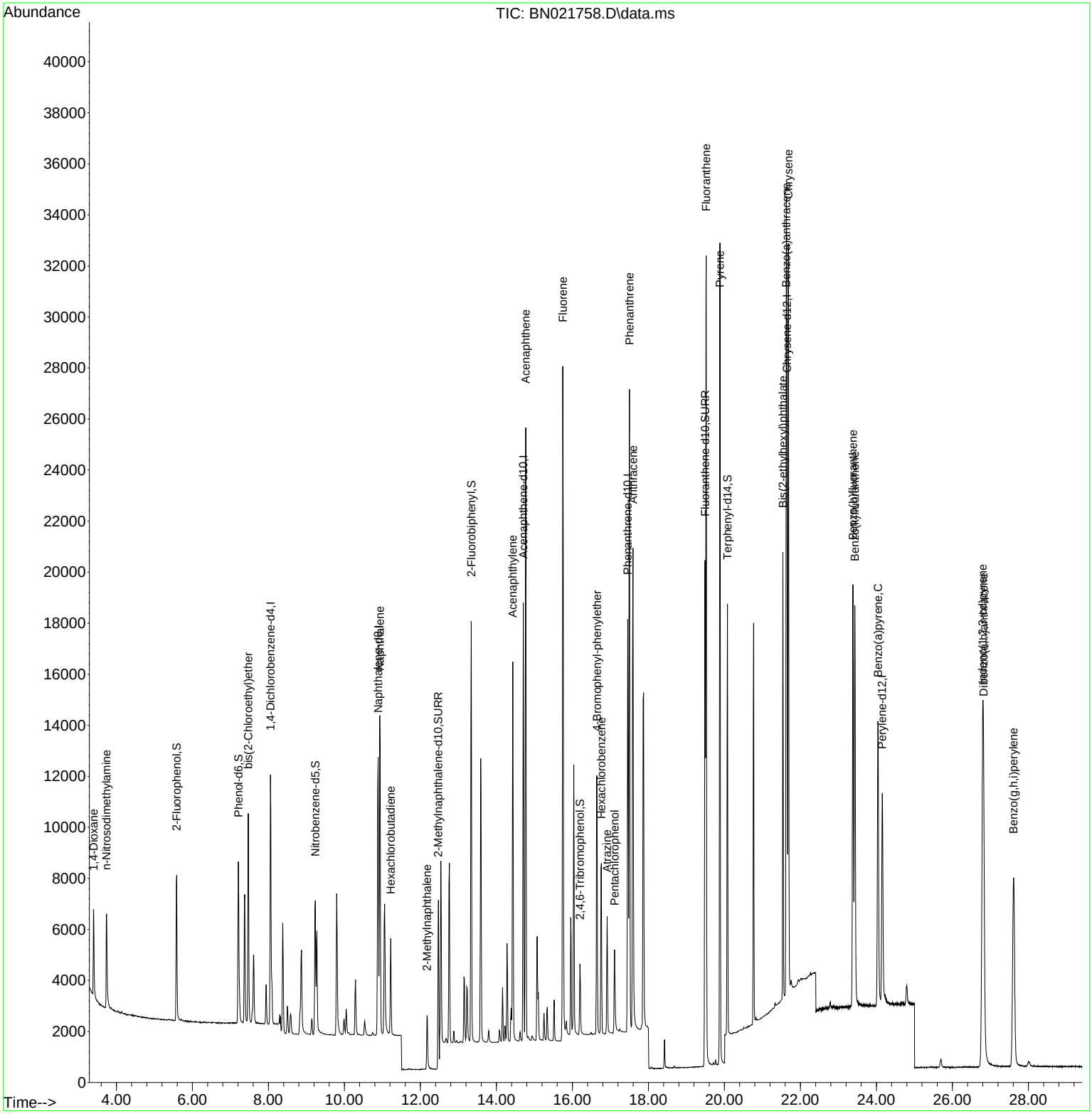
(#) = qualifier out of range (m) = manual integration (+) = signals summed

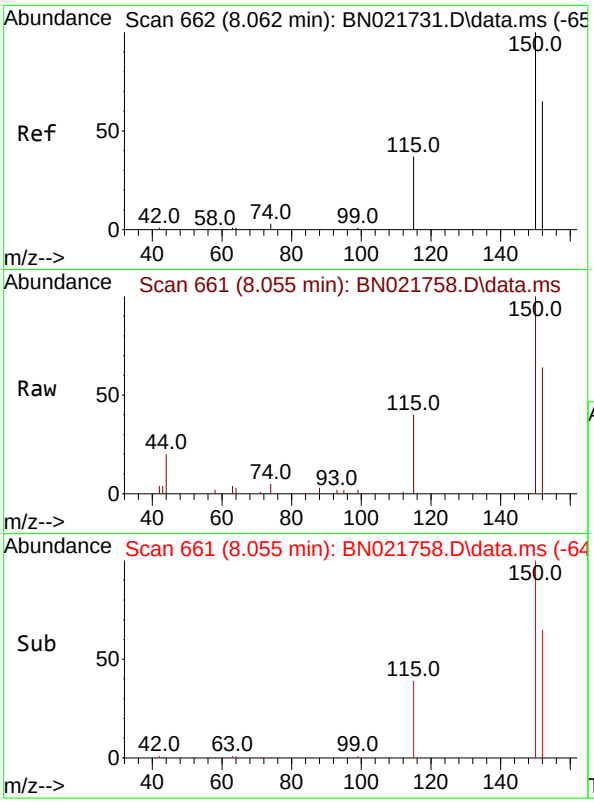
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021758.D
Acq On : 14 Sep 2022 22:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 15 02:13:17 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration



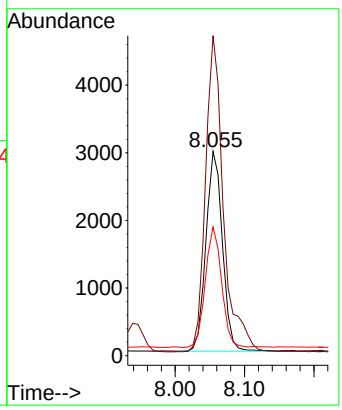


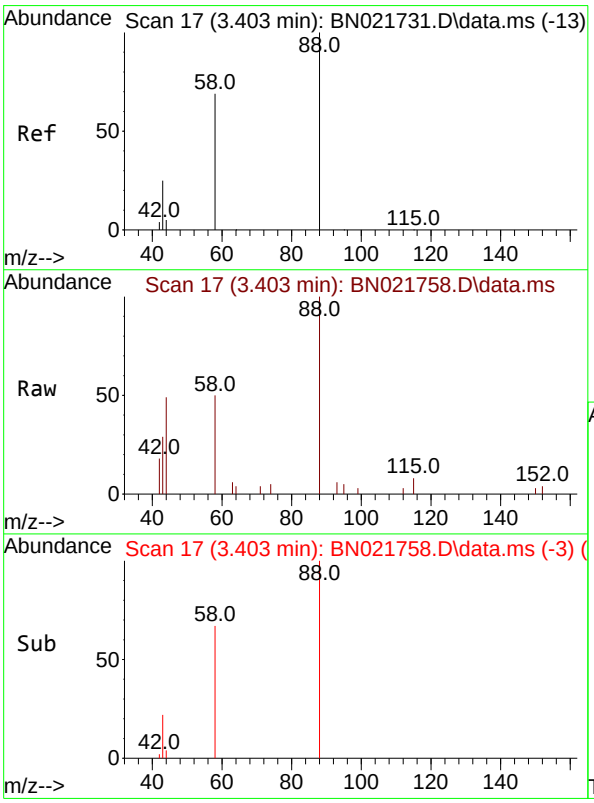
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.055 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4870

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.8	182.8
115	63.0	48.3	72.5

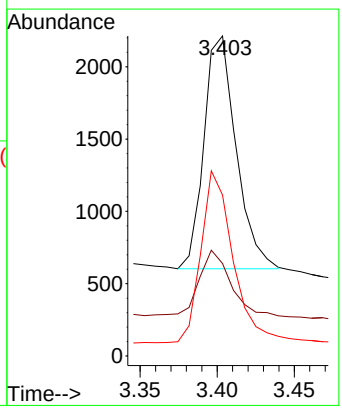


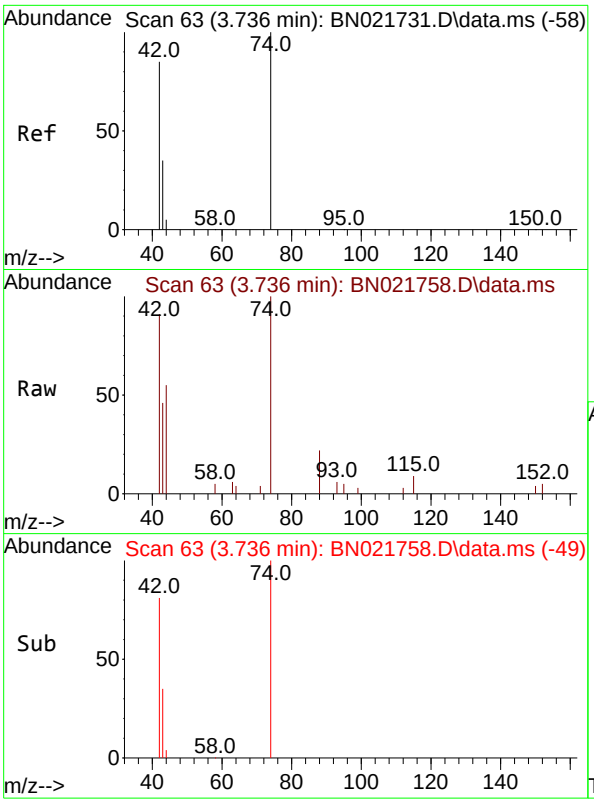


#2
1,4-Dioxane
Concen: 0.373 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion: 88 Resp: 2345

Ion	Ratio	Lower	Upper
88	100		
43	27.2	24.2	36.2
58	73.6	60.2	90.4



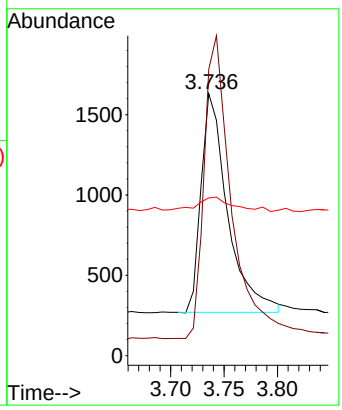


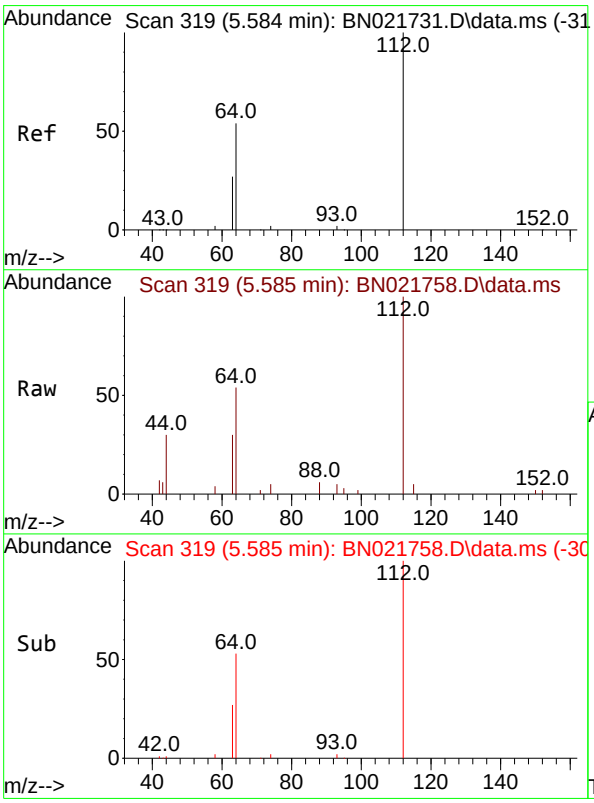
#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.736 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2356

Ion	Ratio	Lower	Upper
42	100		
74	142.0	116.3	174.5
44	9.0	9.0	13.4#

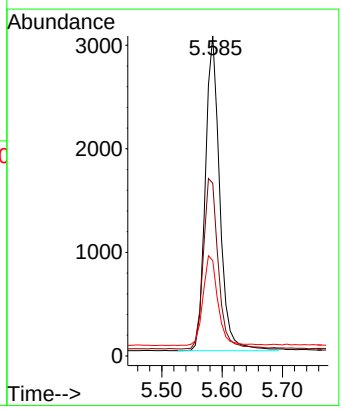


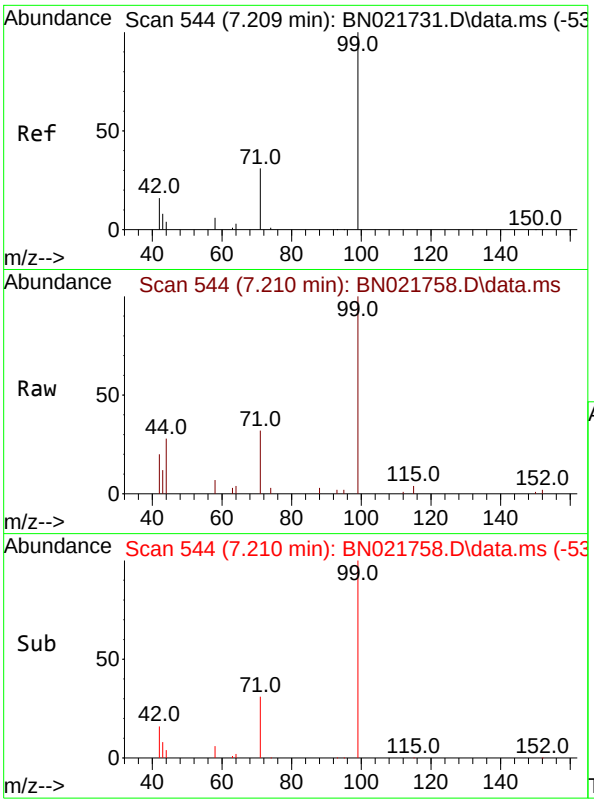


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:112 Resp: 5046

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.5	23.3	34.9



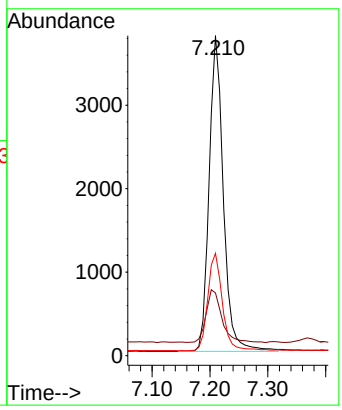


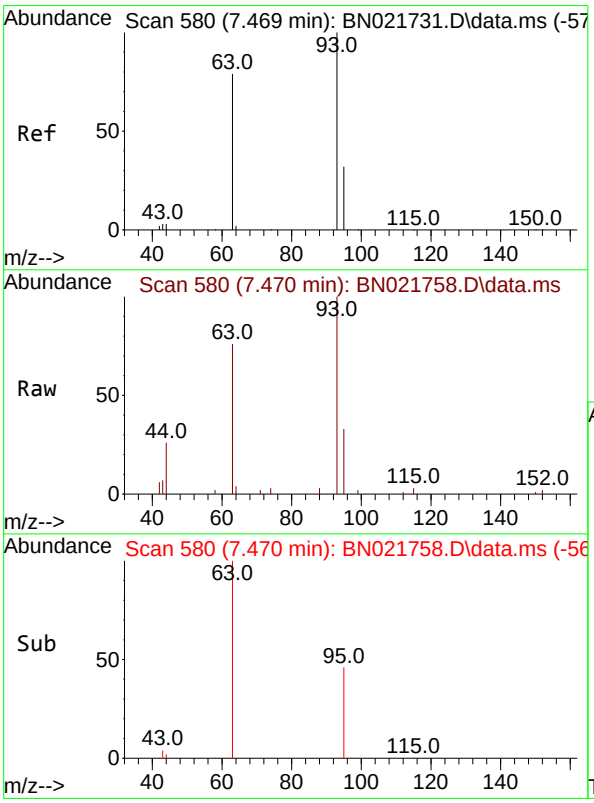
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.210 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6475

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	32.0	25.3	37.9

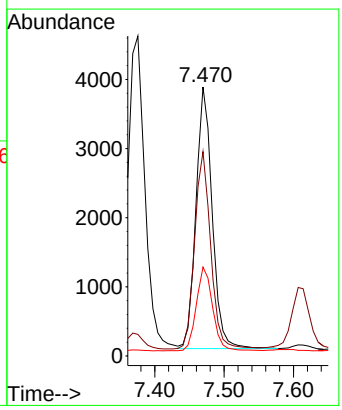


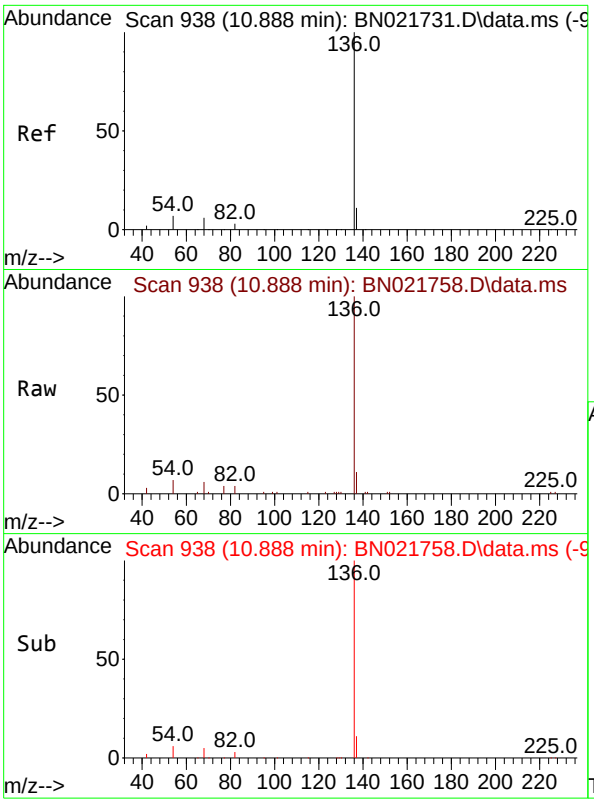


#6
bis(2-Chloroethyl)ether
Concen: 0.384 ng
RT: 7.470 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion: 93 Resp: 6149

Ion	Ratio	Lower	Upper
93	100		
63	74.7	60.0	90.0
95	32.2	26.2	39.4



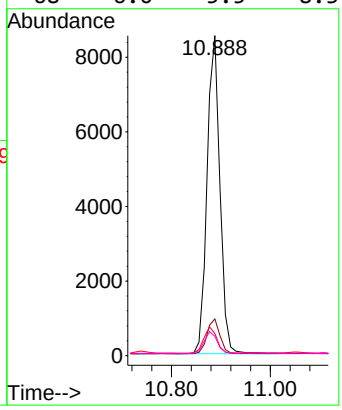


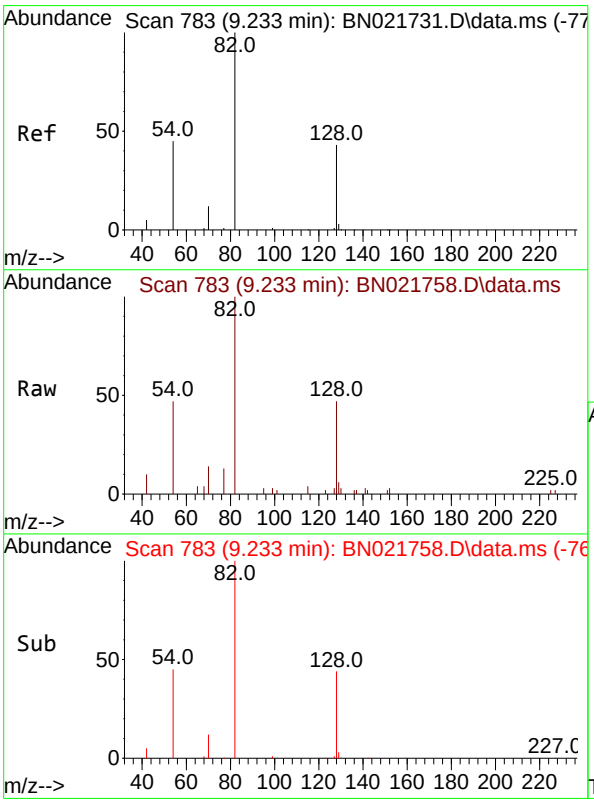
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15362

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.9	6.4	9.6
68	6.0	5.5	8.3

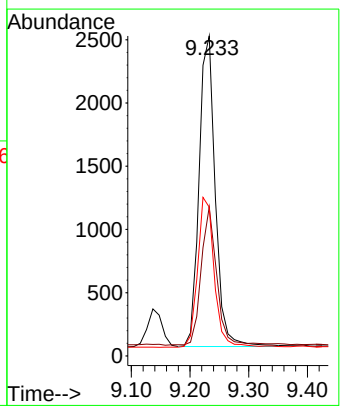


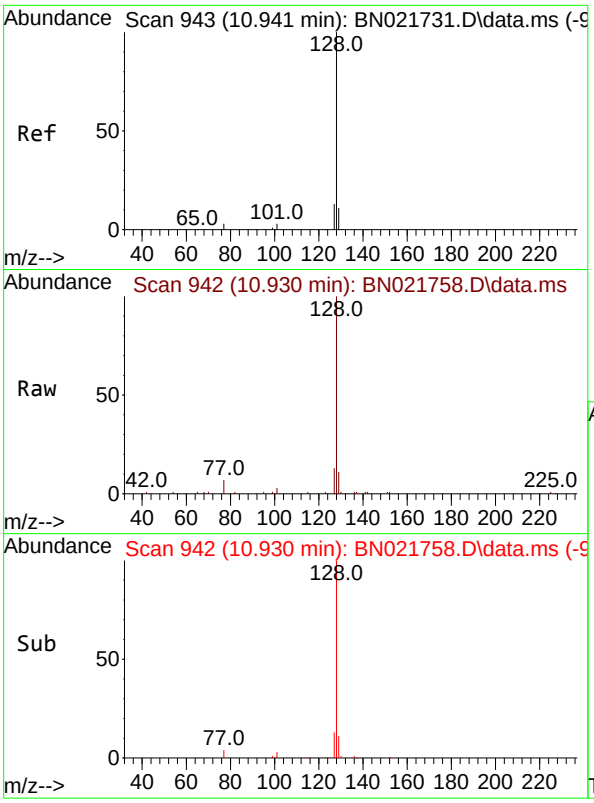


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion: 82 Resp: 4732

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.6	53.4
54	46.5	37.8	56.8



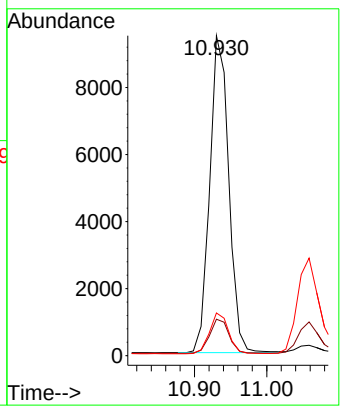


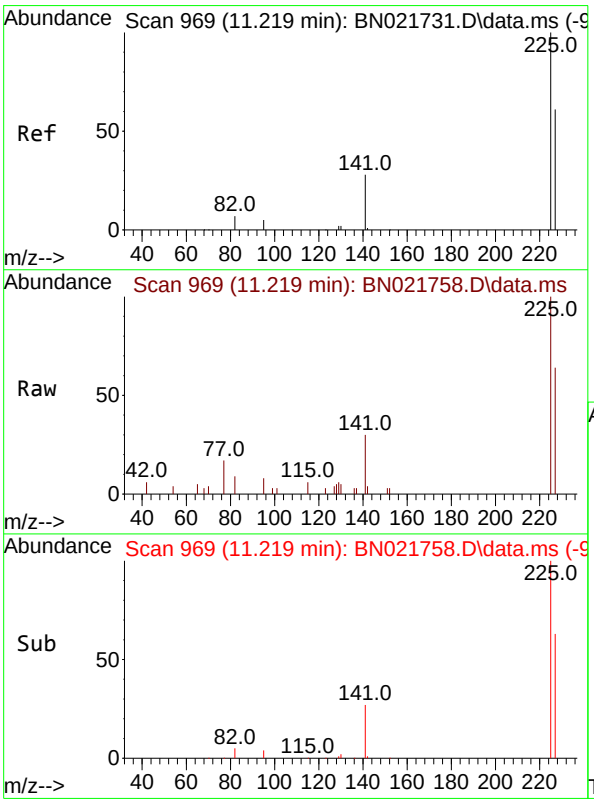
#9
Naphthalene
Concen: 0.382 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17318

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.3	10.5	15.7

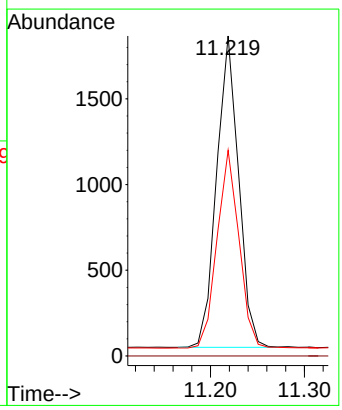


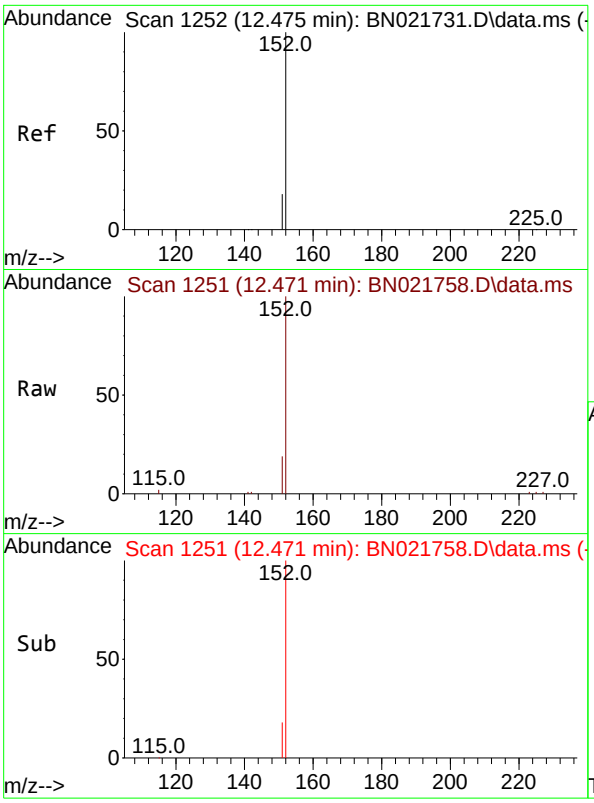


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.219 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:225 Resp: 2960

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	50.4	75.6



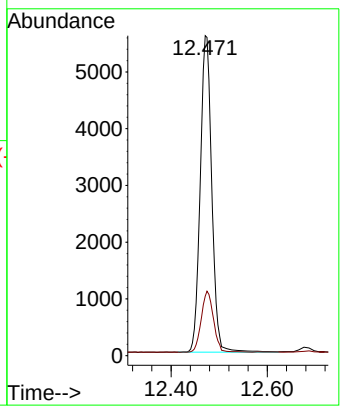


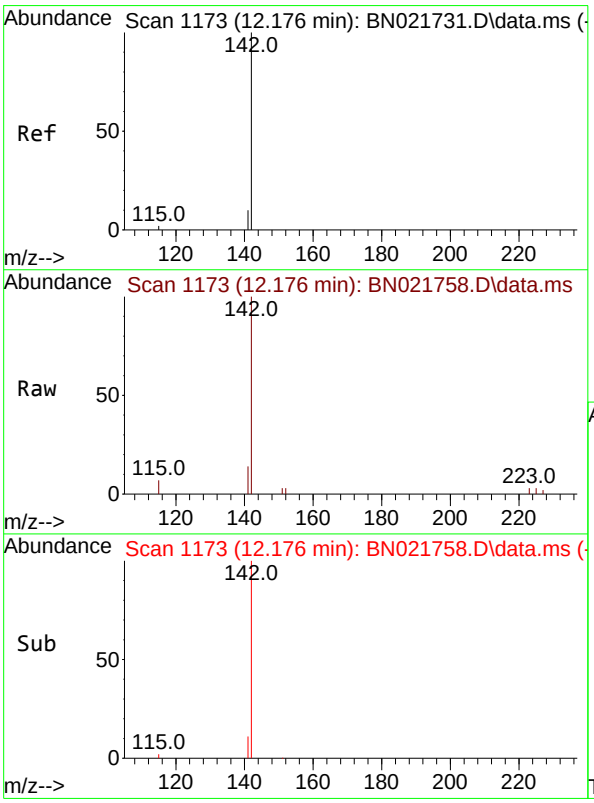
#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14407

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.6	23.4

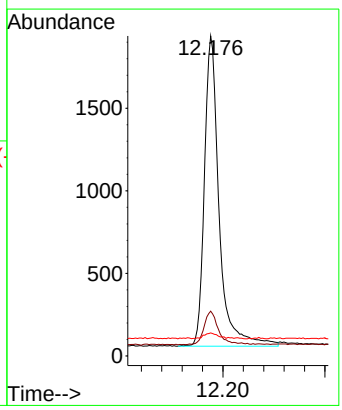


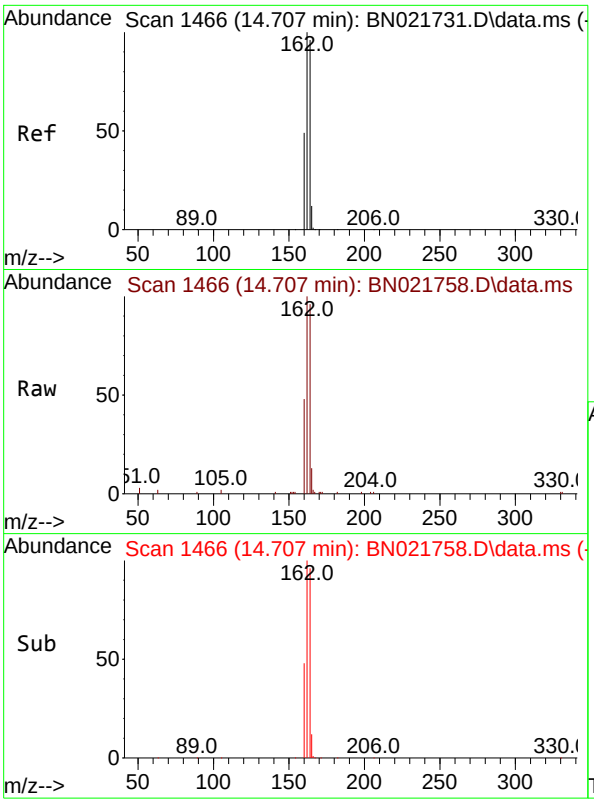


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.176 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:142 Resp: 3769

Ion	Ratio	Lower	Upper
142	100		
141	14.0	10.6	16.0
115	7.2	5.6	8.4



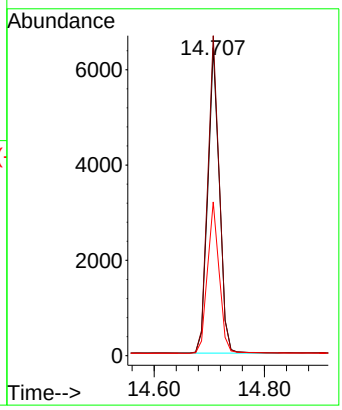


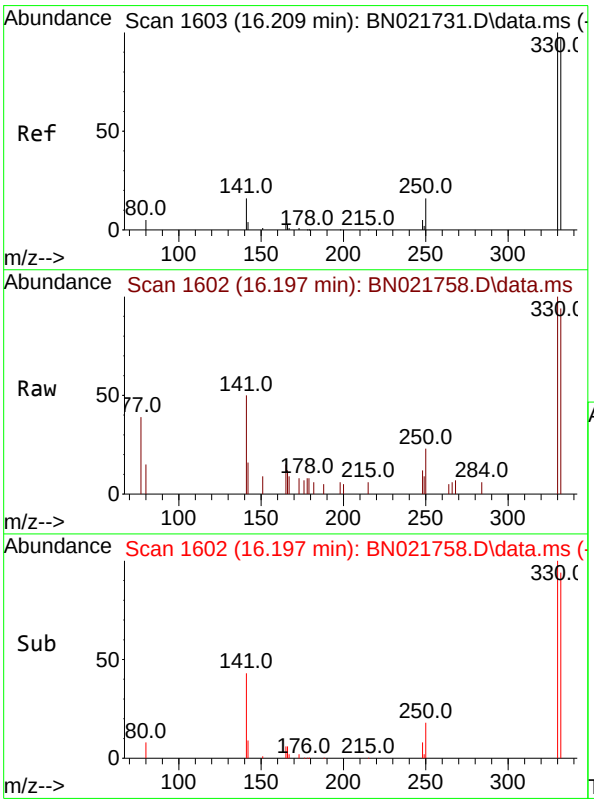
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9404

Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.2	124.8
160	49.9	40.9	61.3

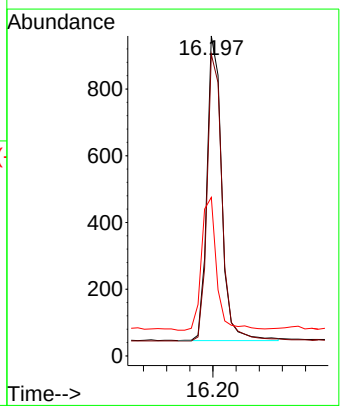


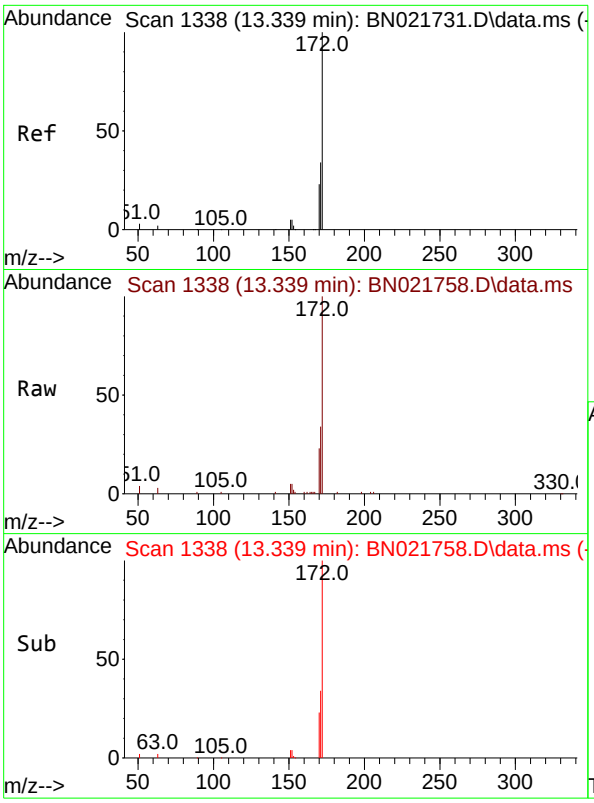


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:330 Resp: 1609

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.8	115.2
141	45.1	37.2	55.8



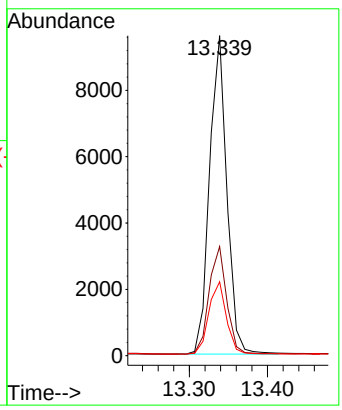


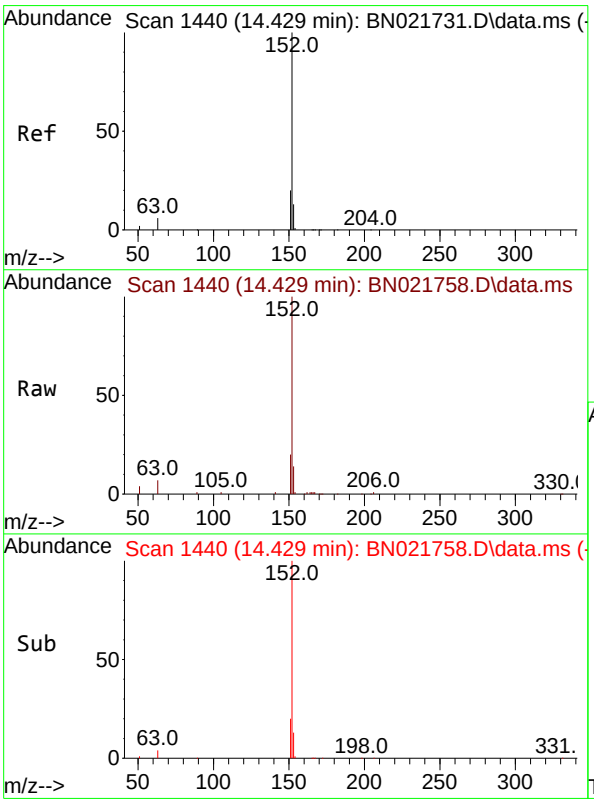
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14805

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.7	41.5
170	23.1	18.8	28.2

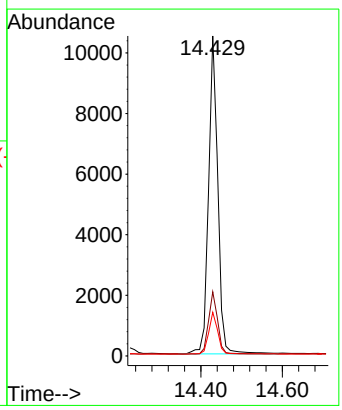


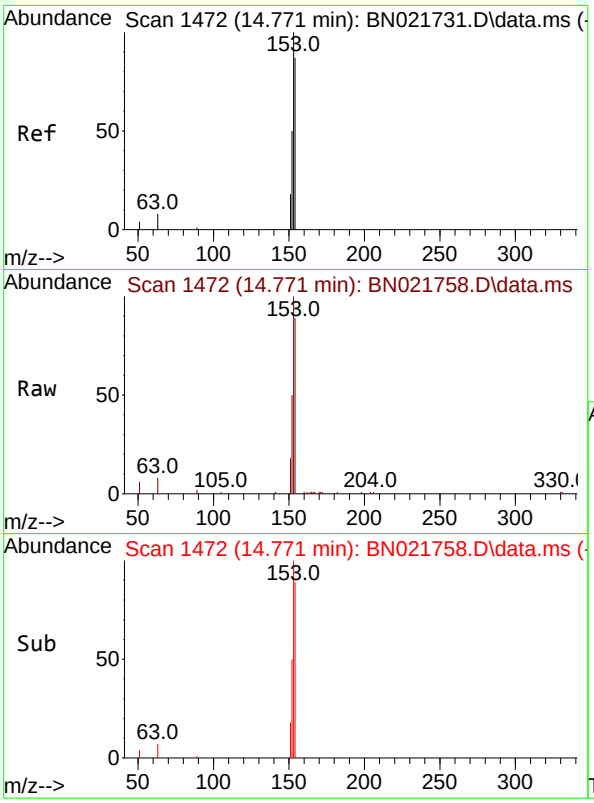


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:152 Resp: 16579

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	12.9	10.3	15.5



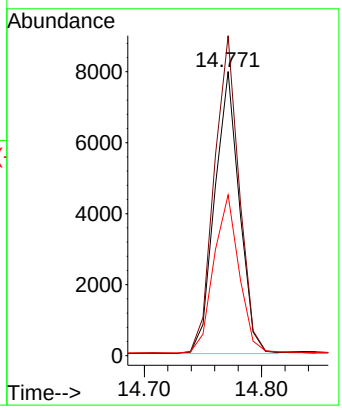


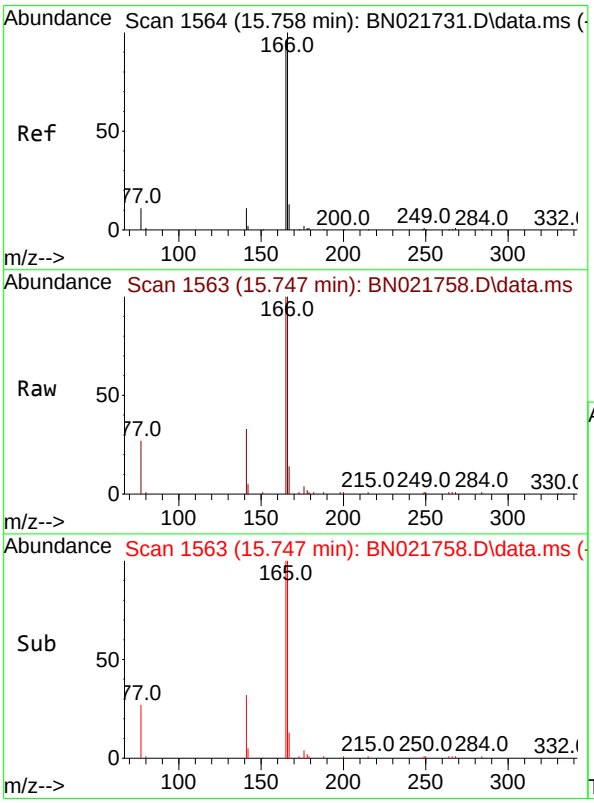
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11602

Ion	Ratio	Lower	Upper
154	100		
153	114.3	91.0	136.4
152	57.8	46.0	69.0

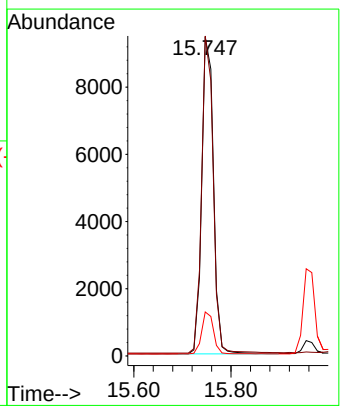


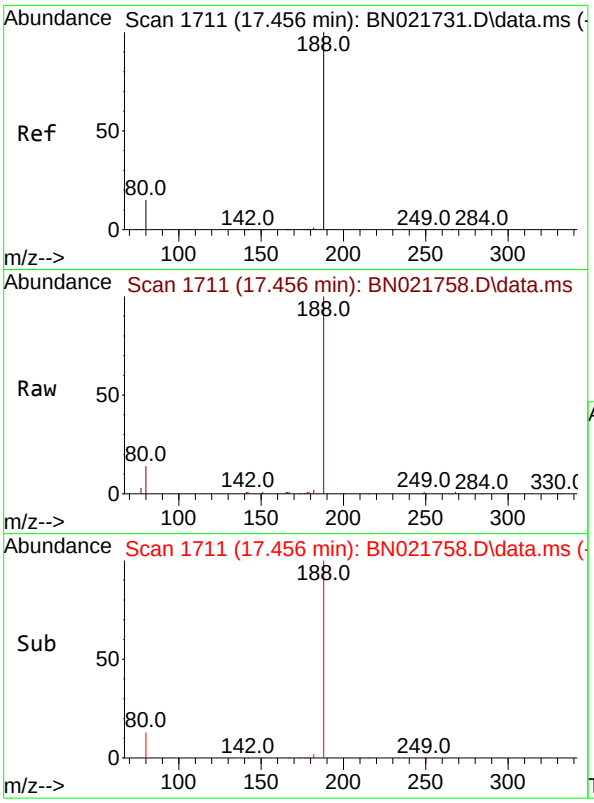


#18
Fluorene
Concen: 0.383 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:166 Resp: 15622

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.4	119.0
167	13.4	10.6	15.8



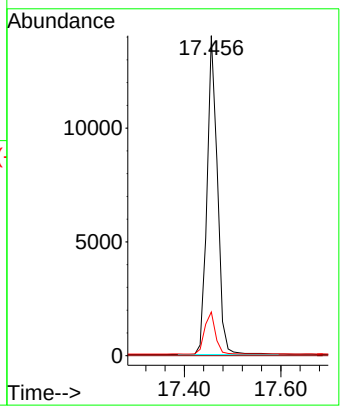


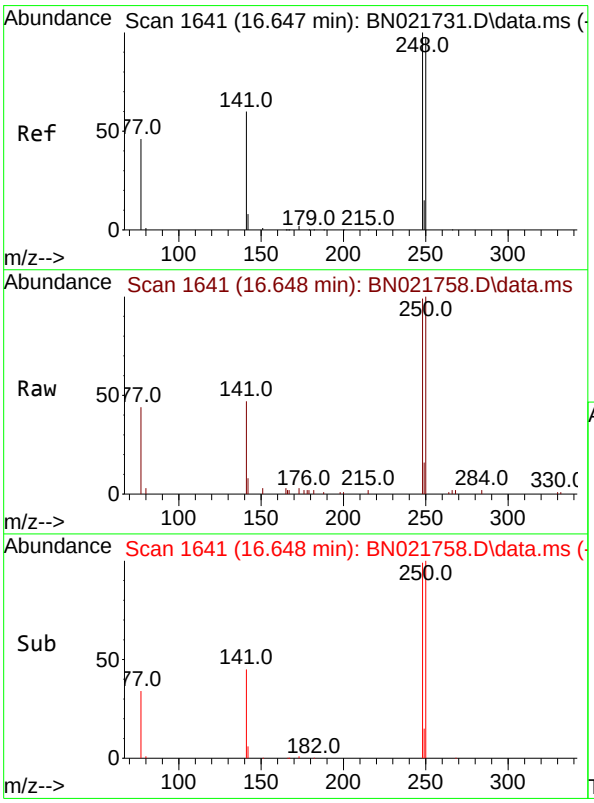
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20930

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.7	12.6	19.0

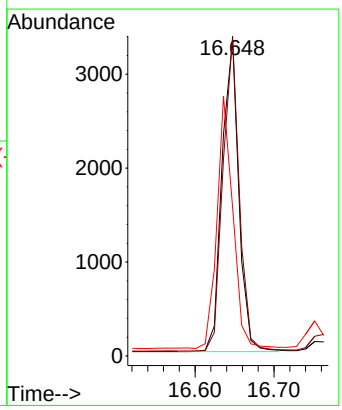


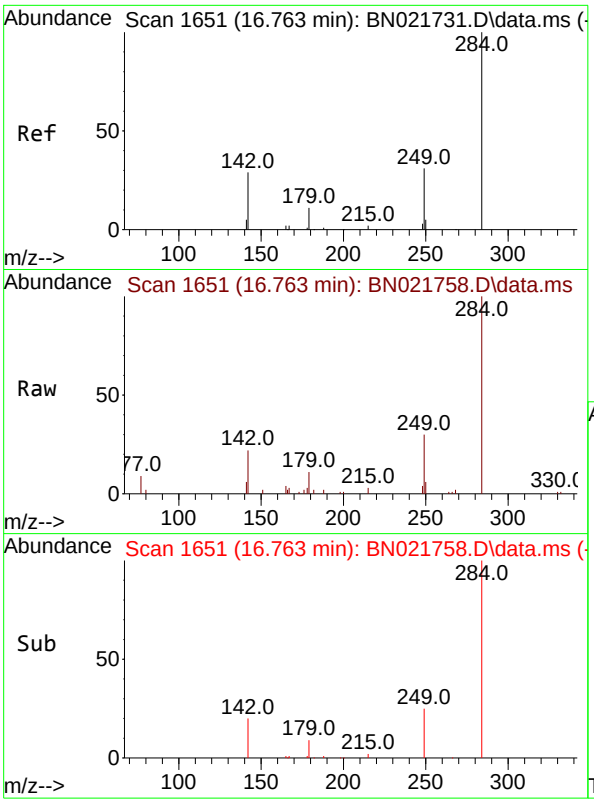


#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.648 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:248 Resp: 4902

Ion	Ratio	Lower	Upper
248	100		
250	101.2	77.8	116.8
141	47.1	49.0	73.4#



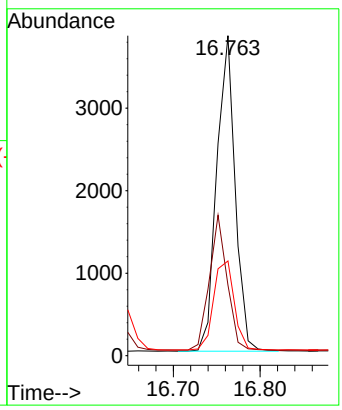


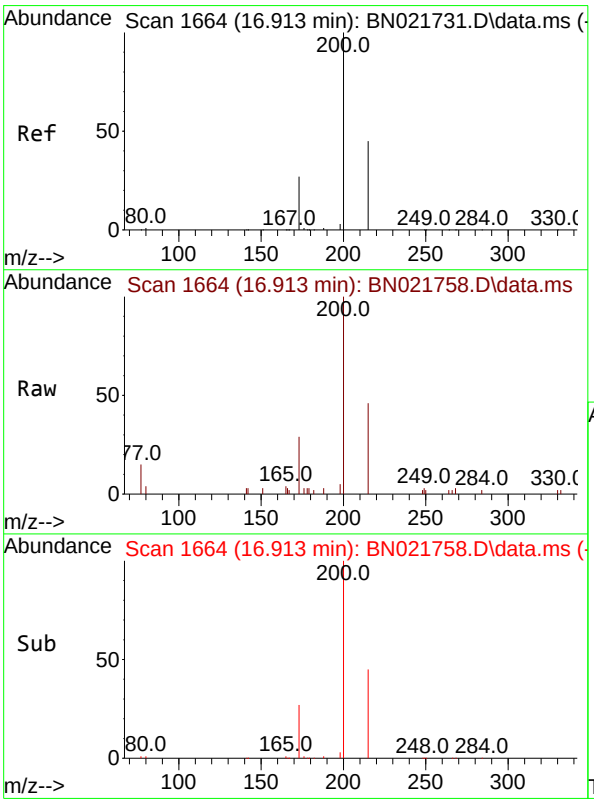
#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5644

Ion	Ratio	Lower	Upper
284	100		
142	41.2	33.4	50.2
249	31.7	25.1	37.7

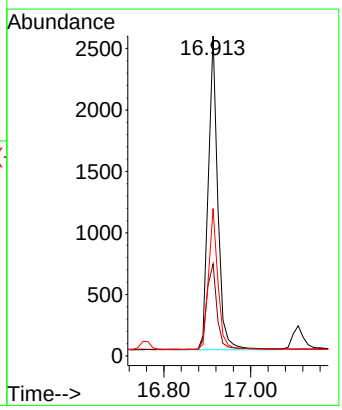


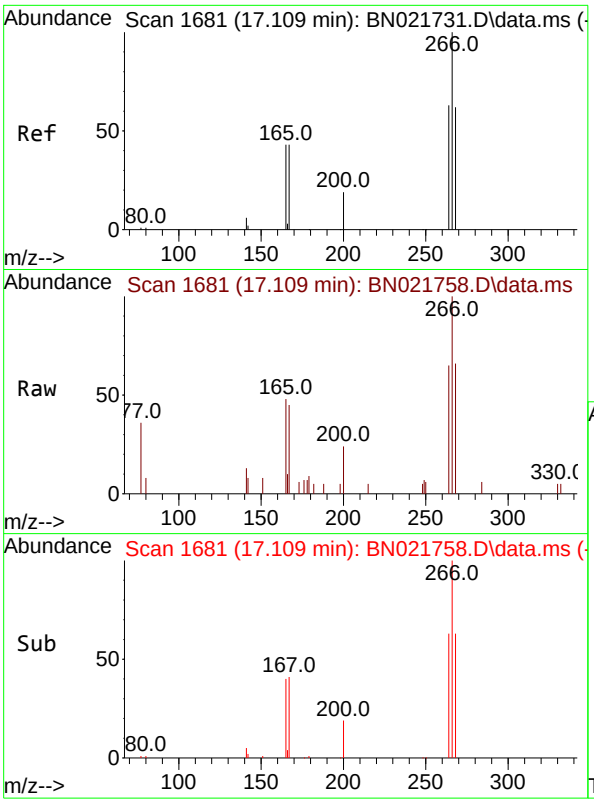


#23
Atrazine
Concen: 0.363 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:200 Resp: 3865

Ion	Ratio	Lower	Upper
200	100		
173	28.8	22.9	34.3
215	46.0	36.9	55.3



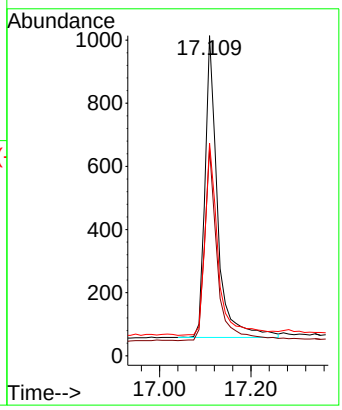


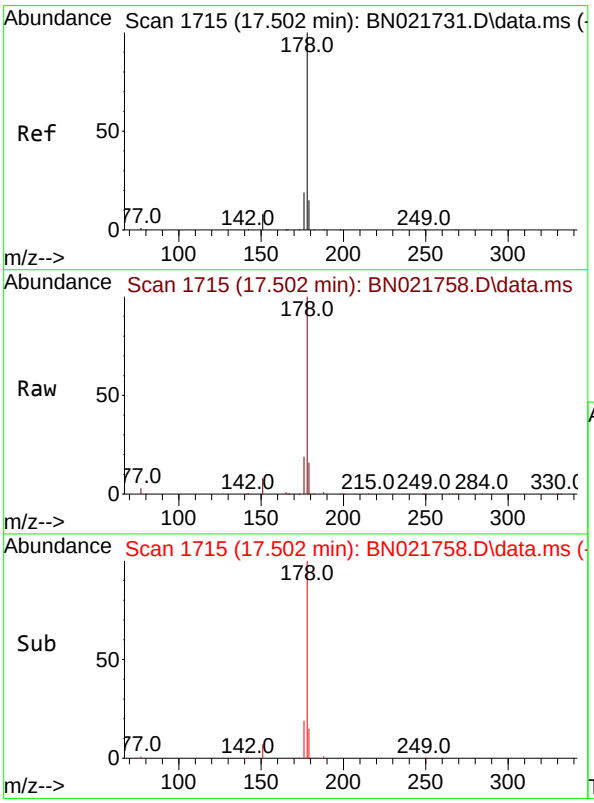
#24
Pentachlorophenol
Concen: 0.335 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 1821

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.0	75.0
268	66.8	50.2	75.2

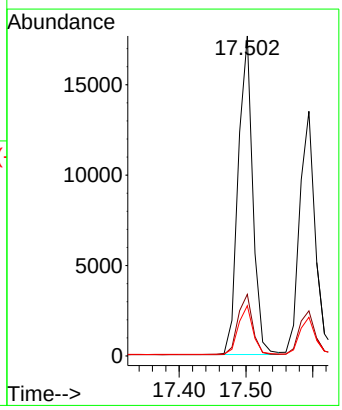


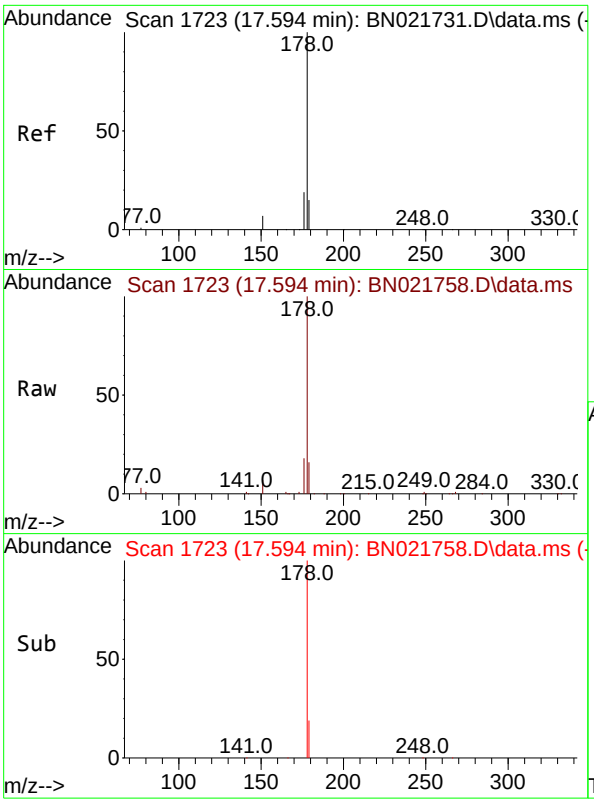


#25
Phenanthrene
Concen: 0.380 ng
RT: 17.502 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:178 Resp: 26695

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.3	12.2	18.4



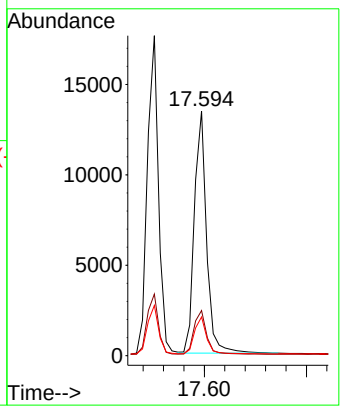


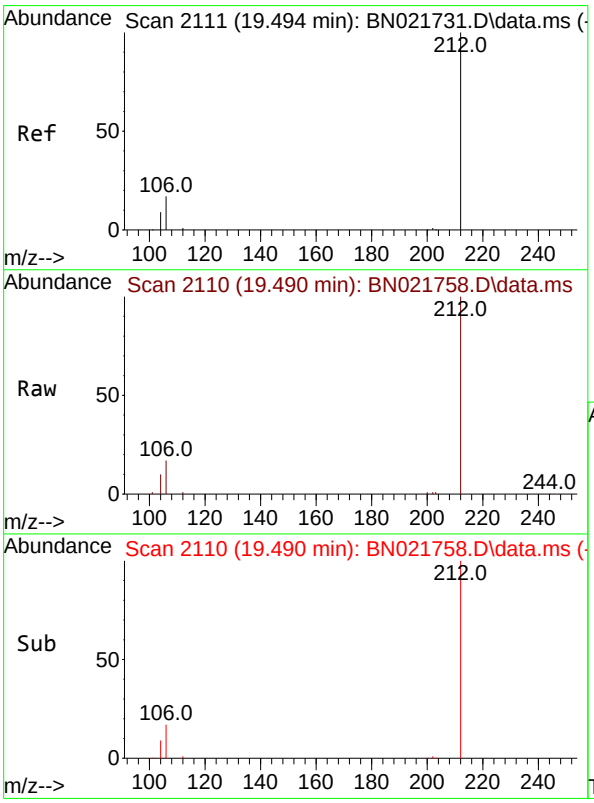
#26
Anthracene
Concen: 0.373 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 22187

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.2	12.2	18.2

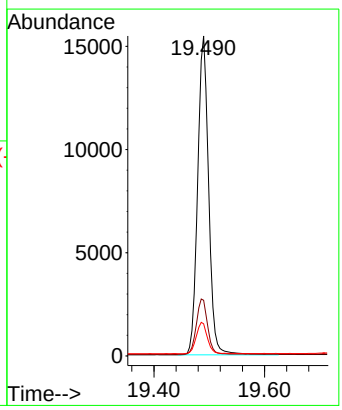


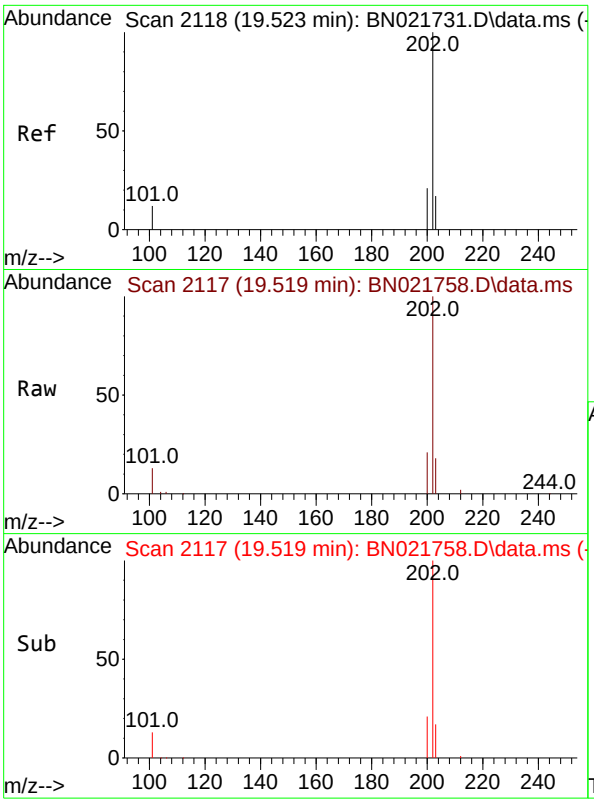


#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:212 Resp: 21275

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.3	21.5
104	10.0	8.0	12.0



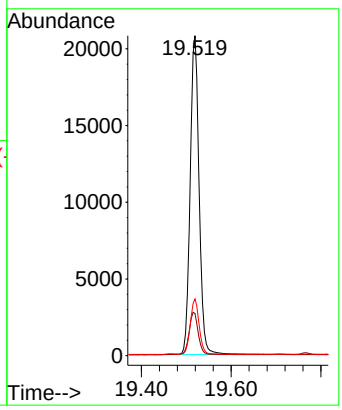


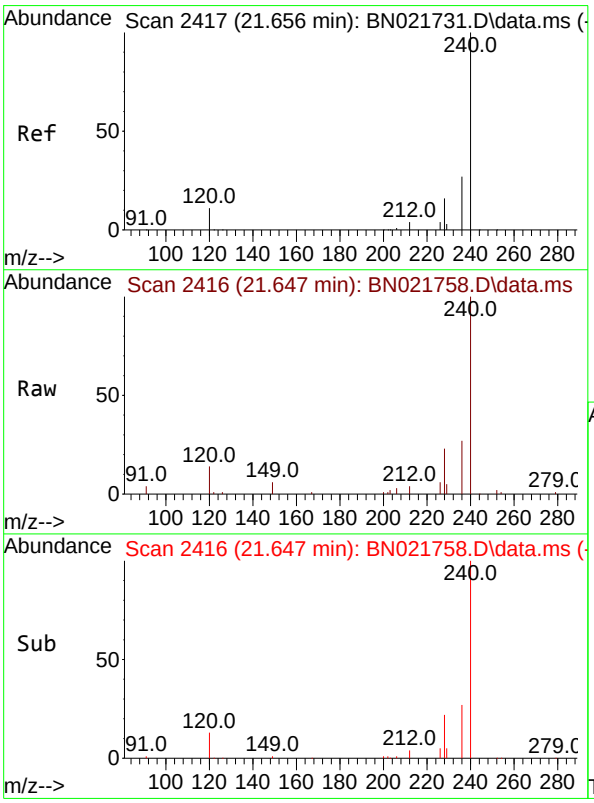
#28
Fluoranthene
Concen: 0.379 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 28655

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
203	17.1	13.7	20.5

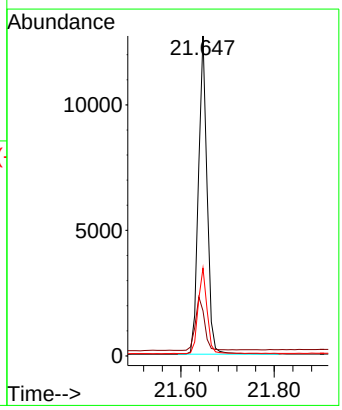


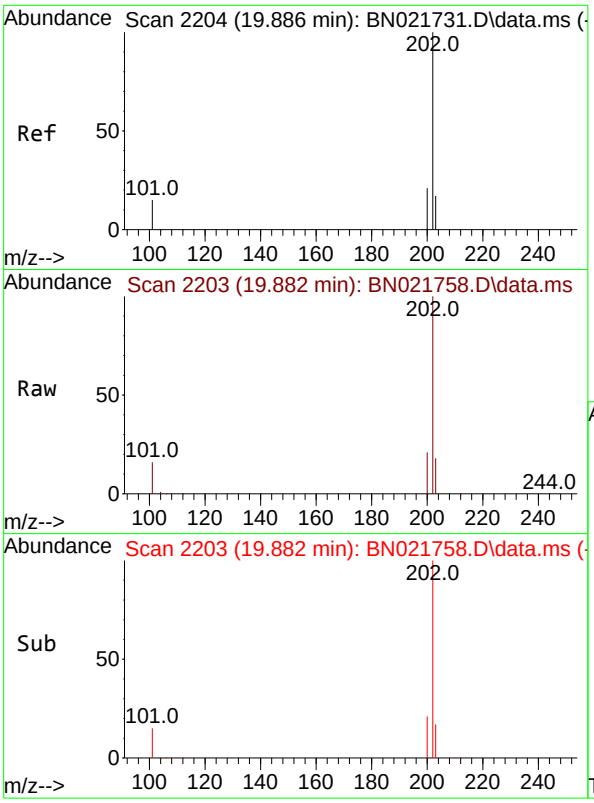


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:240 Resp: 16370

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.8	14.8
236	27.5	22.2	33.4



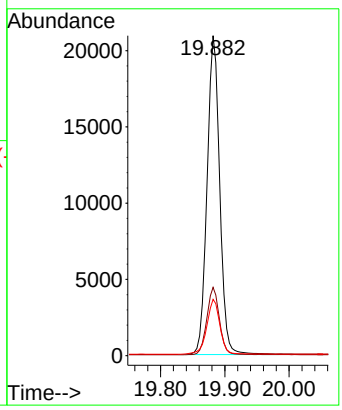


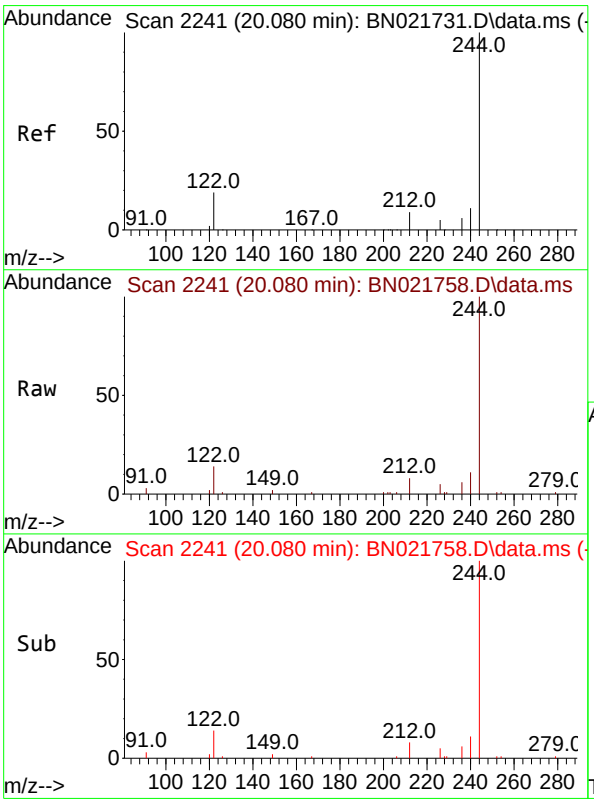
#30
Pyrene
Concen: 0.354 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 28746

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.0	22.4
203	17.8	12.8	19.2

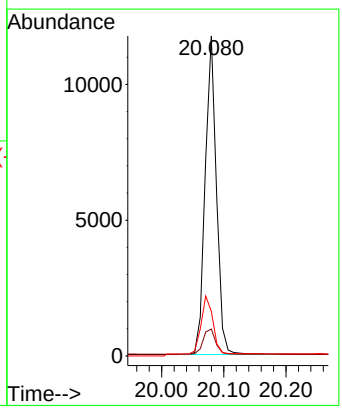


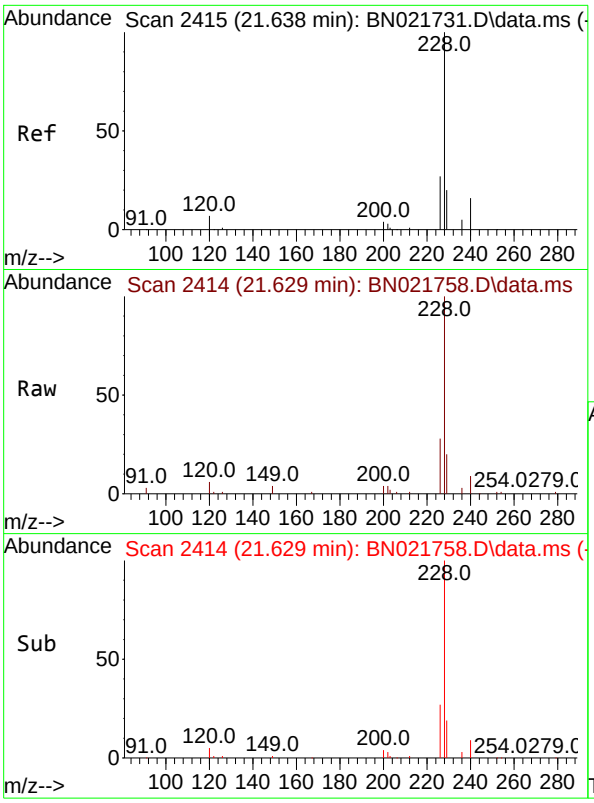


#31
Terphenyl-d14
Concen: 0.395 ng
RT: 20.080 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:244 Resp: 14763

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.9	11.9
122	13.9	15.8	23.8#



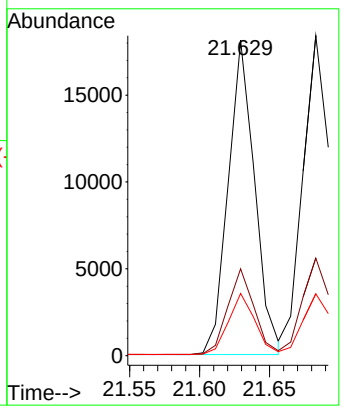


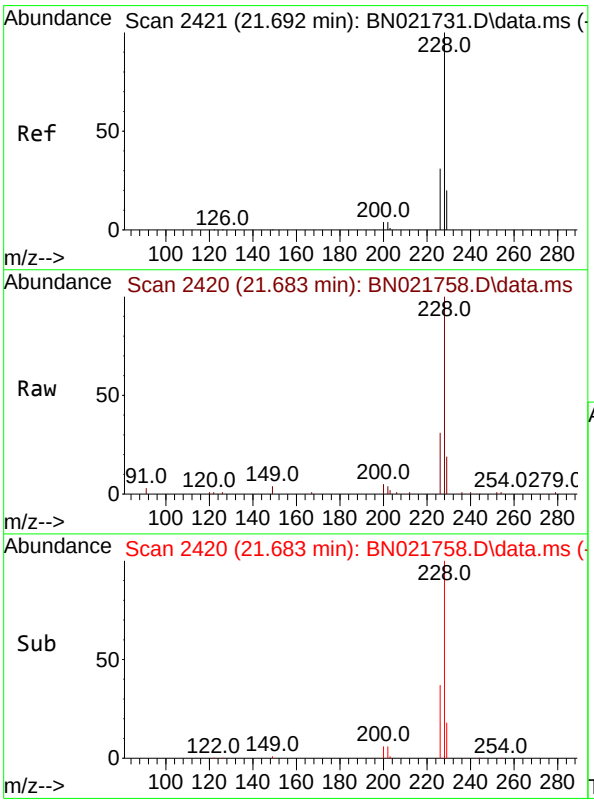
#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23888

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.5	32.3
229	19.7	15.8	23.8

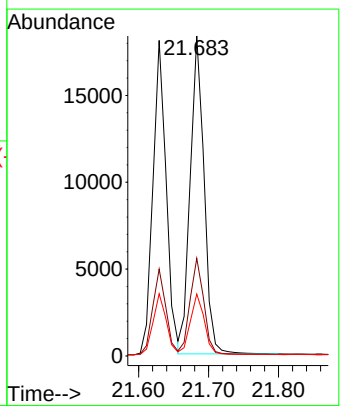


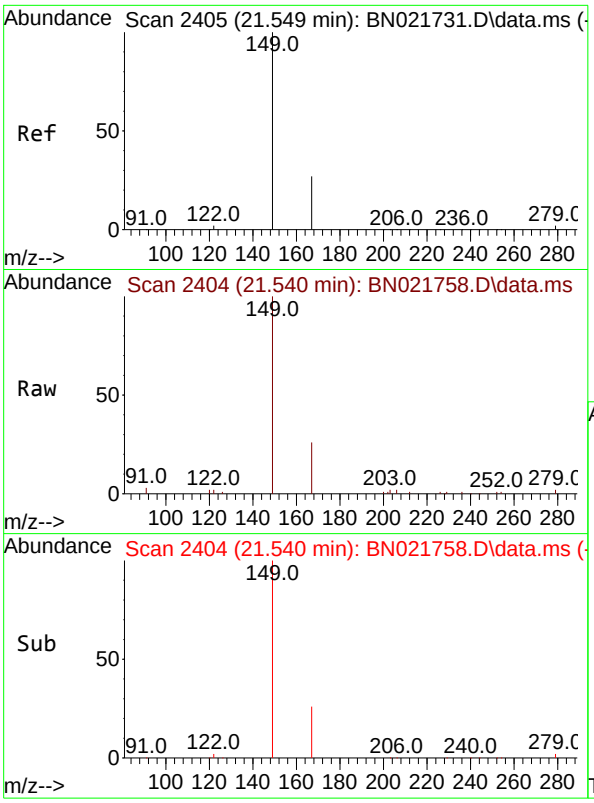


#33
Chrysene
Concen: 0.387 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:228 Resp: 25264

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	19.3	16.0	24.0



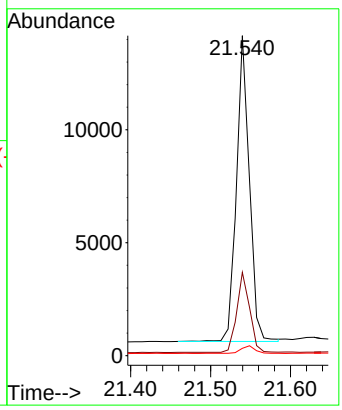


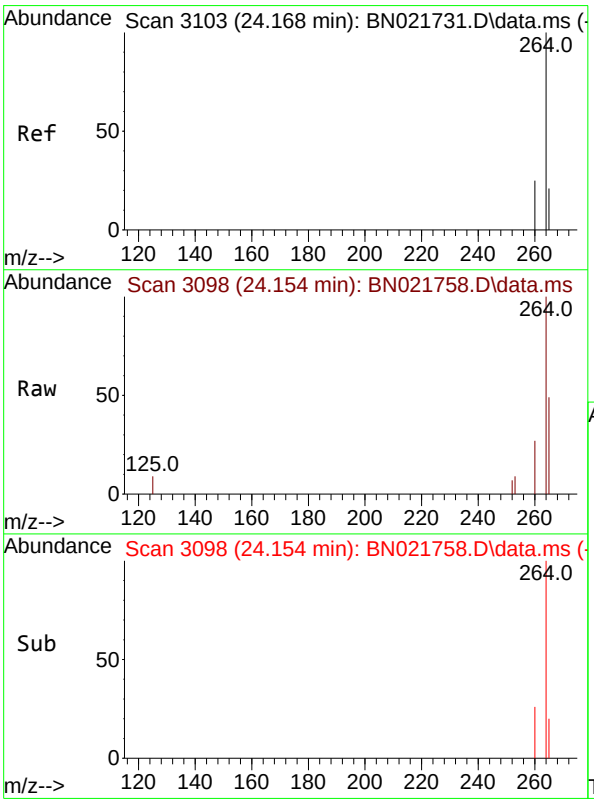
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.361 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 15161

Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.8	31.2
279	2.6	2.1	3.1

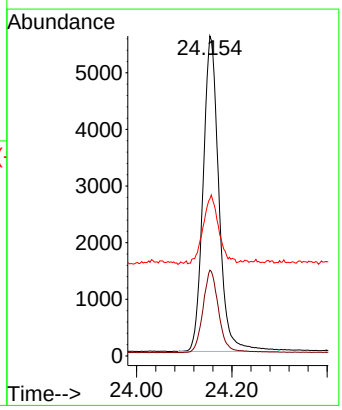


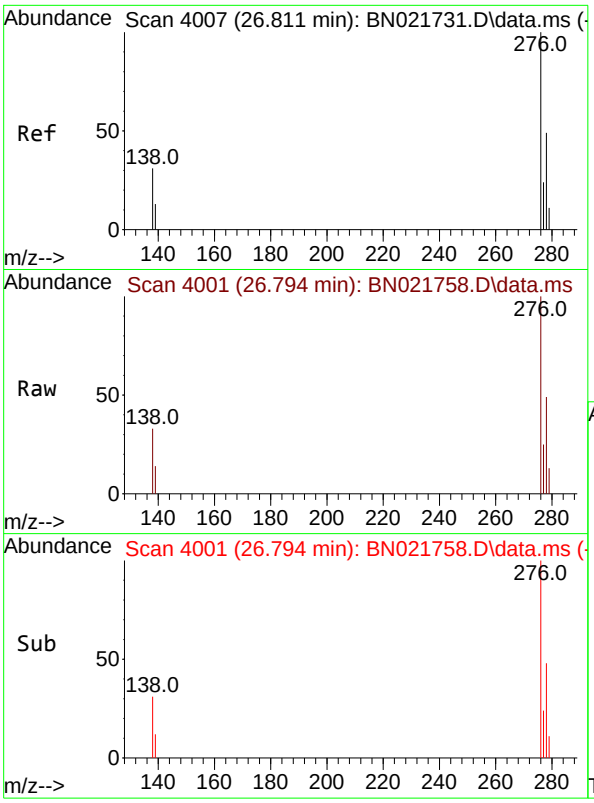


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3098
Delta R.T. -0.015 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:264 Resp: 12838

Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.6	31.0
265	49.1	34.4	51.6



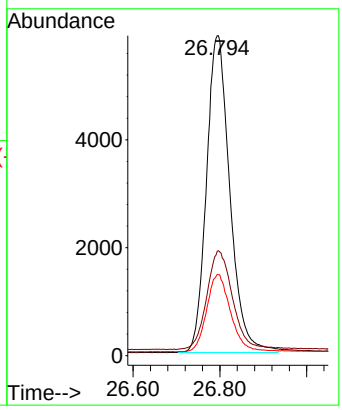


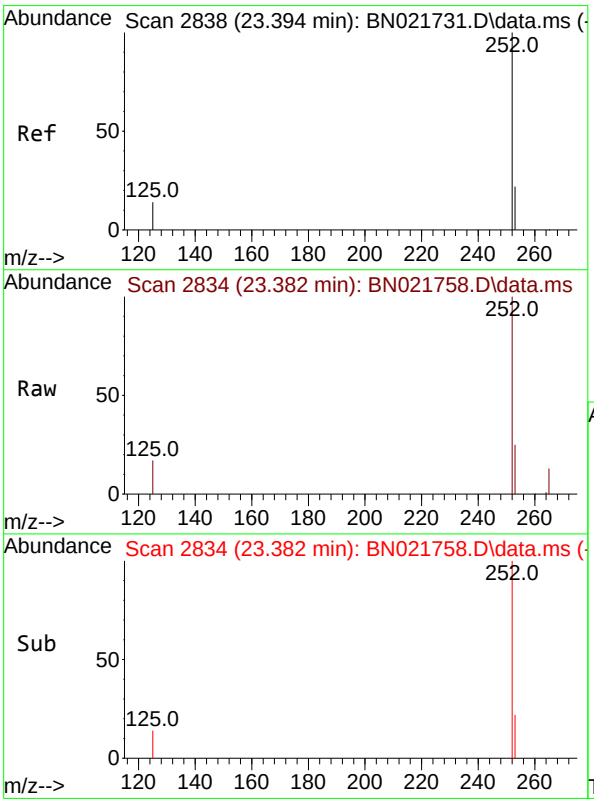
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng
RT: 26.794 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 21962

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.0
277	24.7	19.8	29.6

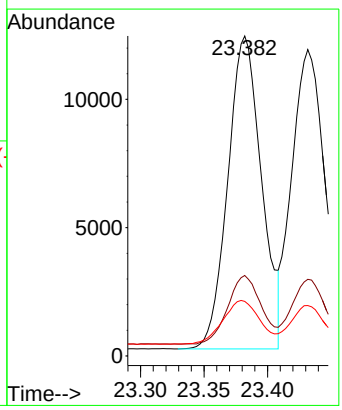


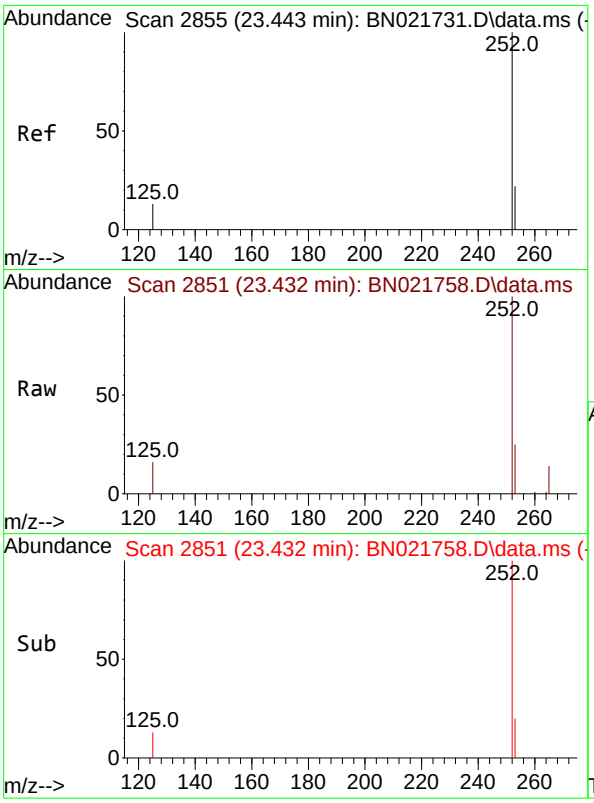


#37
Benzo(b)fluoranthene
Concen: 0.387 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:252 Resp: 22551

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.6	29.4
125	17.0	13.0	19.4



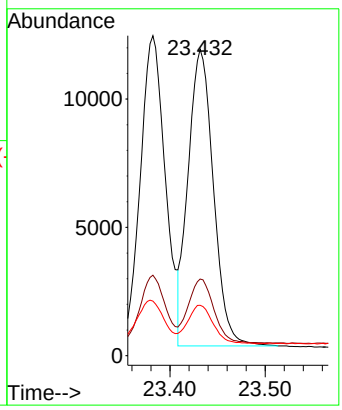


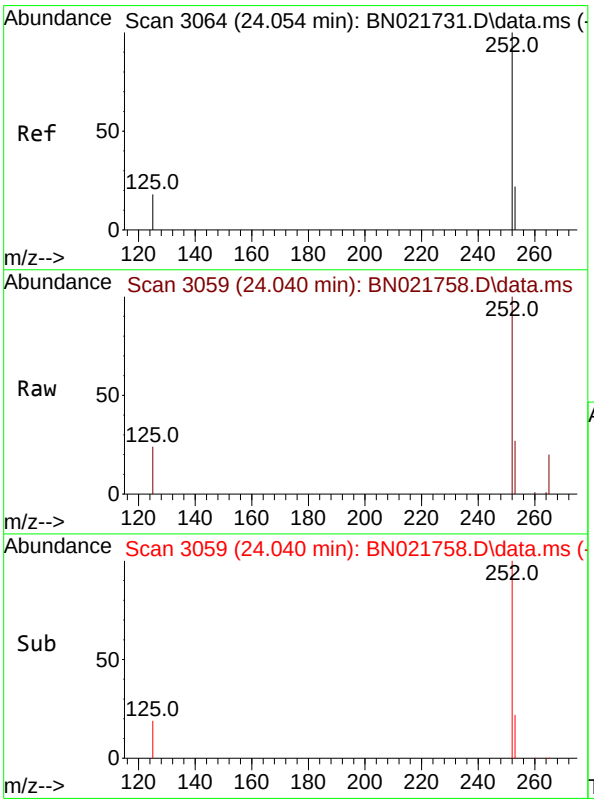
#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.432 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21348

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.4	29.2
125	16.5	12.6	18.8

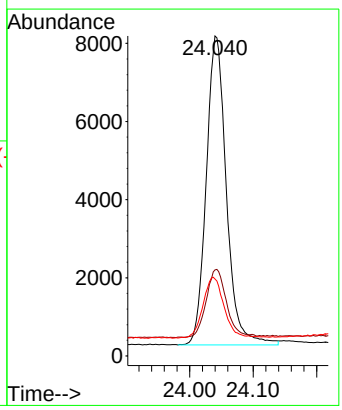


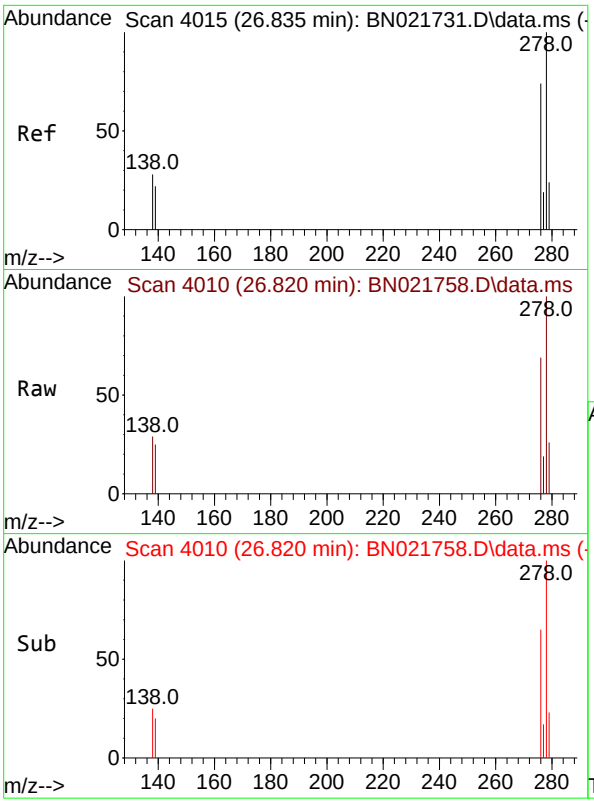


#39
Benzo(a)pyrene
Concen: 0.375 ng
RT: 24.040 min Scan# 3059
Delta R.T. -0.015 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:252 Resp: 17444

Ion	Ratio	Lower	Upper
252	100		
253	26.9	20.8	31.2
125	24.0	17.4	26.0



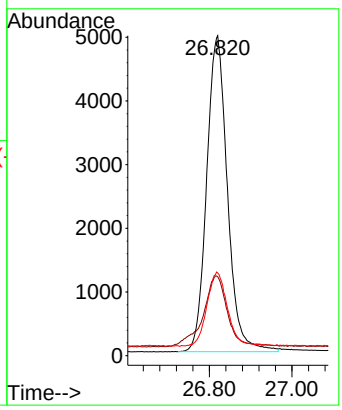


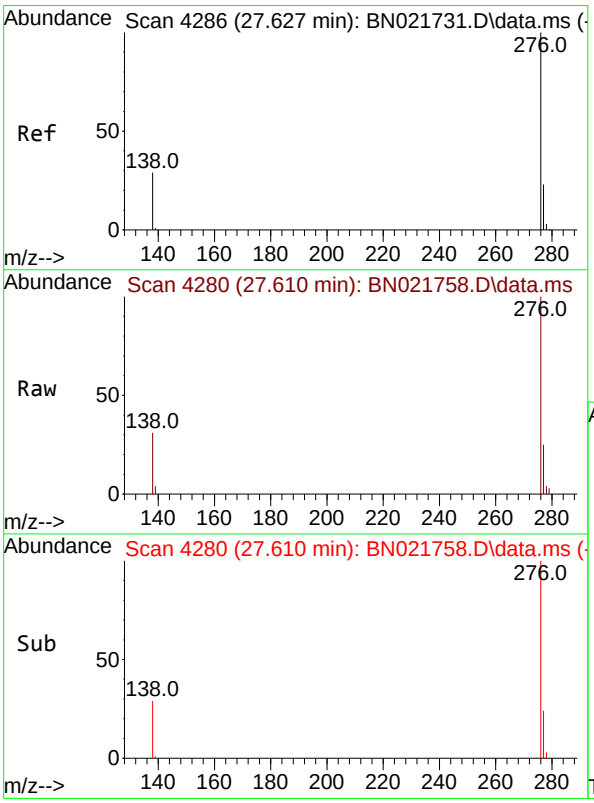
#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 26.820 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 17286

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.2	28.8
279	25.8	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.358 ng
RT: 27.610 min Scan# 4280
Delta R.T. -0.018 min
Lab File: BN021758.D
Acq: 14 Sep 2022 22:31

Tgt Ion:276 Resp: 17764

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	31.2	24.2	36.2