Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021917.D
Acq On : 26 Sep 2022 14:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 17:37:30 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	8.047	152	4322	0.400	ng		-0.01
7) Naphthalene-d8	10.877	136	14049	0.400	ng		-0.01
13) Acenaphthene-d10	14.696	164	7704	0.400	ng		-0.01
19) Phenanthrene-d10	17.456	188	13412	0.400	ng		# 0.00
29) Chrysene-d12	21.647	240	7815	0.400	ng		# 0.00
35) Perylene-d12	24.154	264	6286	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	5024	0.444	ng		0.00
5) Phenol-d6	7.202	99	6095	0.425	ng		0.00
8) Nitrobenzene-d5	9.222	82	4649	0.400	ng		-0.01
11) 2-Methylnaphthalene-d10	12.463	152	12689	0.358	ng		-0.01
14) 2,4,6-Tribromophenol	16.197	330	804	0.228	ng		-0.01
15) 2-Fluorobiphenyl	13.328	172	12523	0.398	ng		-0.01
27) Fluoranthene-d10	19.485	212	11549	0.320	ng		0.00
31) Terphenyl-d14	20.080	244	7311	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2122	0.380	ng		96
3) n-Nitrosodimethylamine	3.735	42	2474	0.436	ng		87
6) bis(2-Chloroethyl)ether	7.462	93	5362	0.377	ng		98
9) Naphthalene	10.919	128	16112	0.389	ng		99
10) Hexachlorobutadiene	11.208	225	2683	0.387	ng	#	100
12) 2-Methylnaphthalene	12.183	142	2917	0.327	ng	#	91
16) Acenaphthylene	14.418	152	13041	0.354	ng		99
17) Acenaphthene	14.760	154	9633	0.383	ng		100
18) Fluorene	15.747	166	11739	0.351	ng		100
21) 4-Bromophenyl-phenylether	16.636	248	3337	0.404	ng	#	83
22) Hexachlorobenzene	16.751	284	4169	0.449	ng		99
23) Atrazine	16.913	200	2336	0.342	ng		99
24) Pentachlorophenol	17.109	266	712	0.204	ng		98
25) Phenanthrene	17.490	178	16842	0.374	ng		99
26) Anthracene	17.583	178	13277	0.348	ng		100
28) Fluoranthene	19.515	202	15435	0.318	ng		100
30) Pyrene	19.877	202	16678	0.430	ng		99
32) Benzo(a)anthracene	21.629	228	10718	0.358	ng		99
33) Chrysene	21.683	228	12234	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.539	149	7277	0.363	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.802	276	10584	0.354	ng		99
37) Benzo(b)fluoranthene	23.382	252	10411	0.365	ng	#	88
38) Benzo(k)fluoranthene	23.434	252	10201	0.365	ng	#	88
39) Benzo(a)pyrene	24.043	252	8087	0.355	ng	#	85
40) Dibenzo(a,h)anthracene	26.823	278	8275	0.350	ng	#	92
41) Benzo(g,h,i)perylene	27.612	276	9796	0.403	ng		96

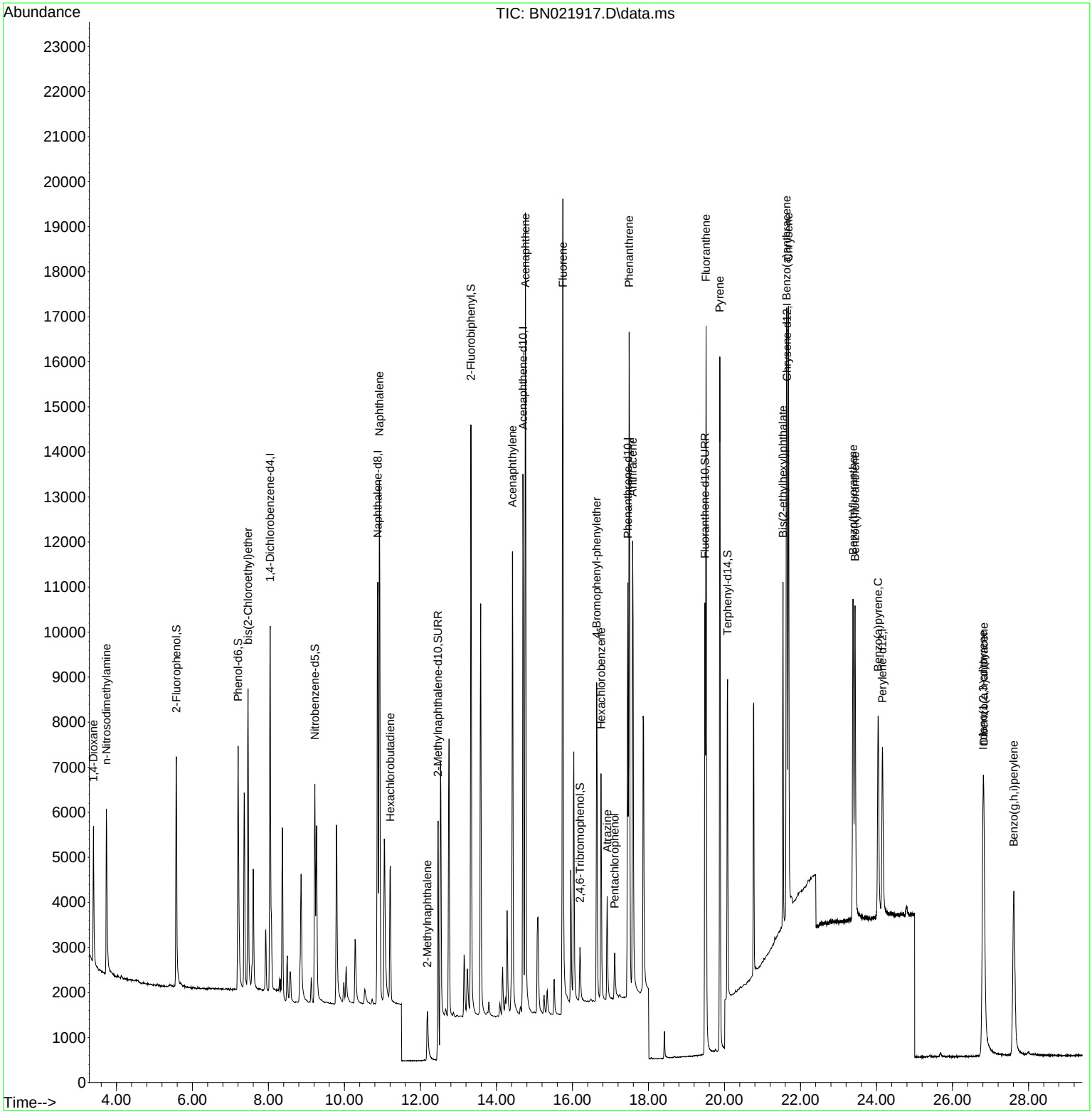
(#) = qualifier out of range (m) = manual integration (+) = signals summed

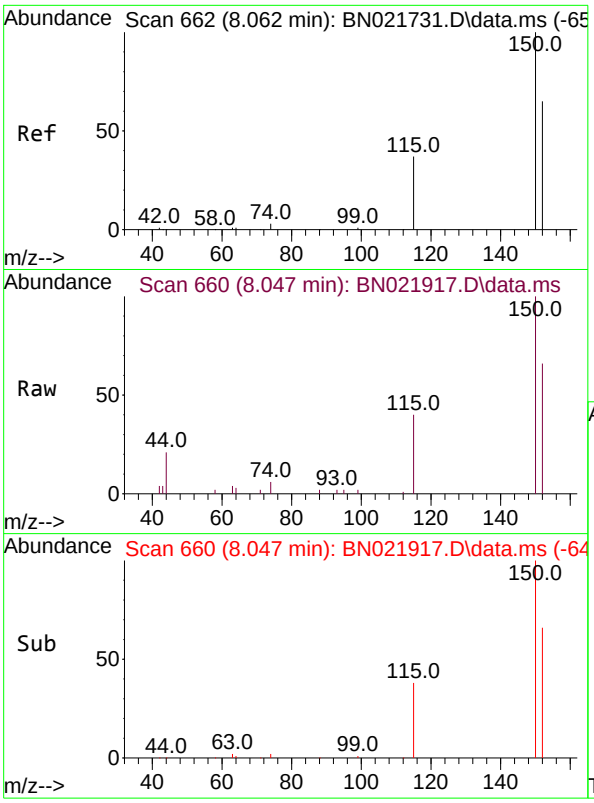
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021917.D
Acq On : 26 Sep 2022 14:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 26 17:37:30 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



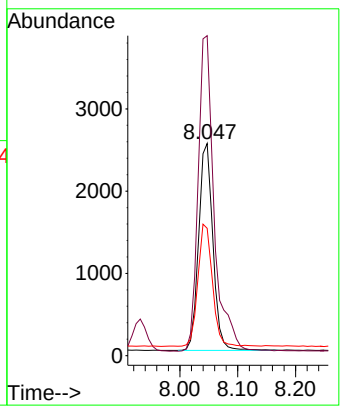


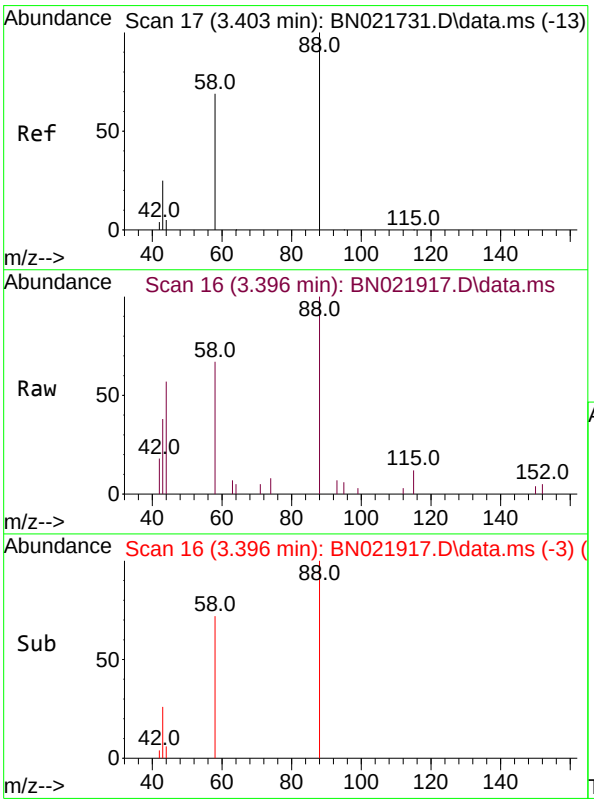
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4322

Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.8	182.8
115	60.0	48.3	72.5

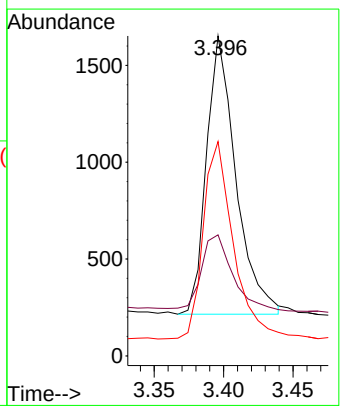


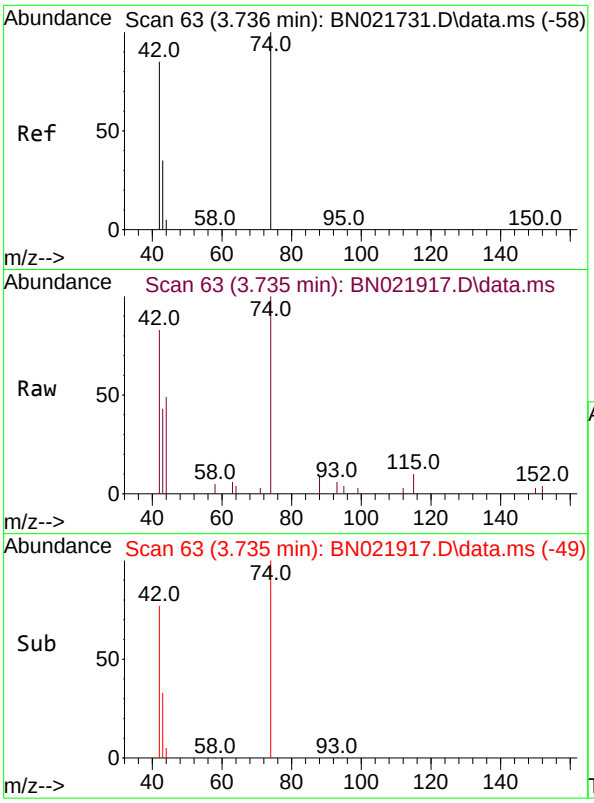


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.396 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion: 88 Resp: 2122

Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.2	36.2
58	72.5	60.2	90.4



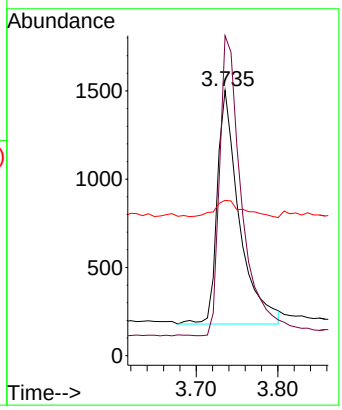


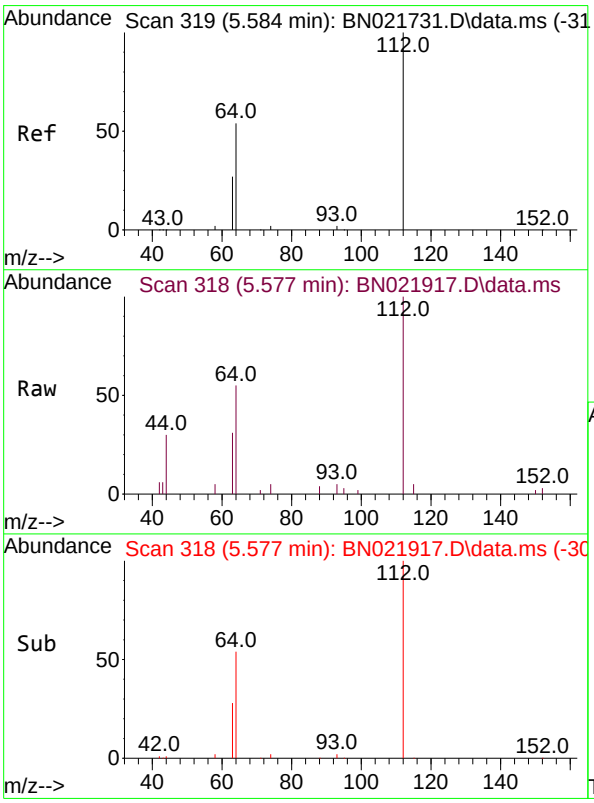
#3
n-Nitrosodimethylamine
Concen: 0.436 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2474

Ion	Ratio	Lower	Upper
42	100		
74	128.2	116.3	174.5
44	9.7	9.0	13.4

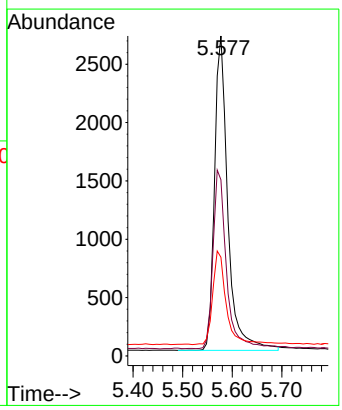


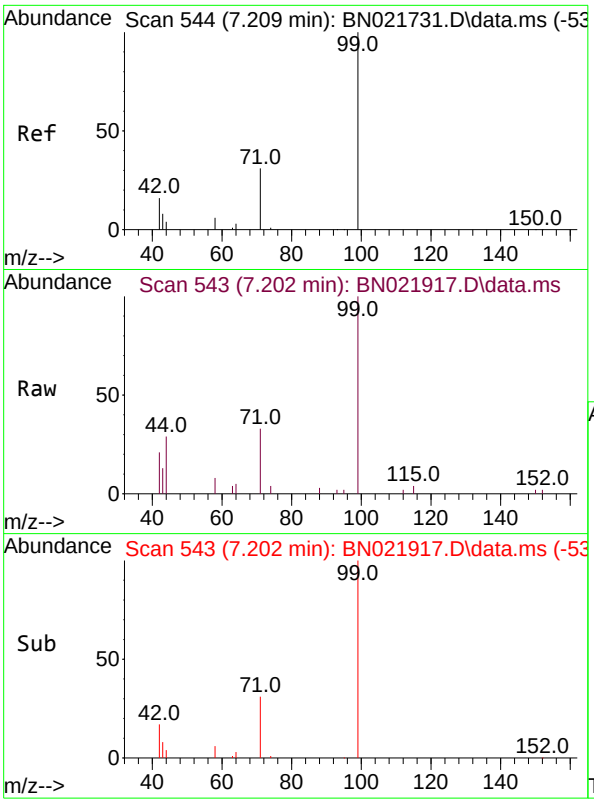


#4
2-Fluorophenol
Concen: 0.444 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:112 Resp: 5024

Ion	Ratio	Lower	Upper
112	100		
64	57.5	45.4	68.2
63	30.4	23.3	34.9



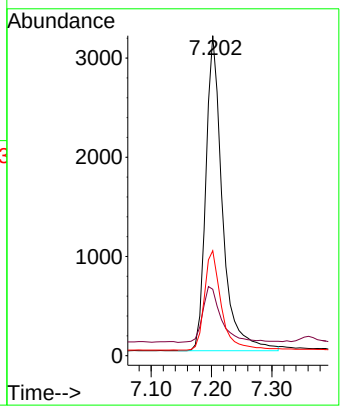


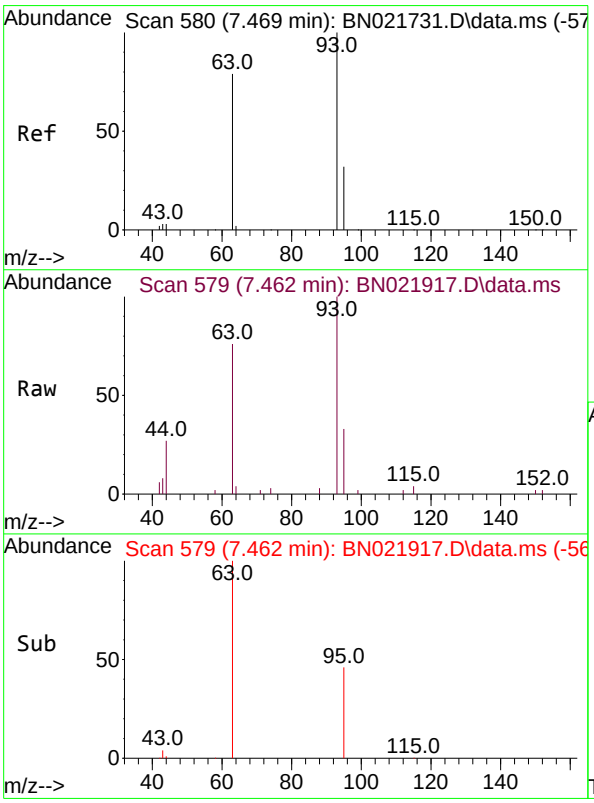
#5
Phenol-d6
Concen: 0.425 ng
RT: 7.202 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 6095

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.1	22.7
71	32.2	25.3	37.9

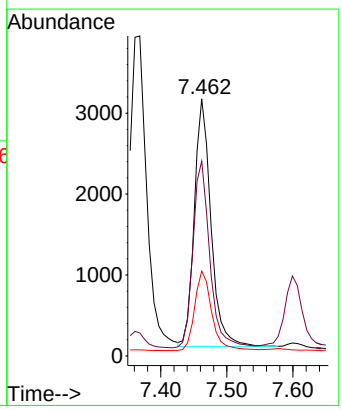


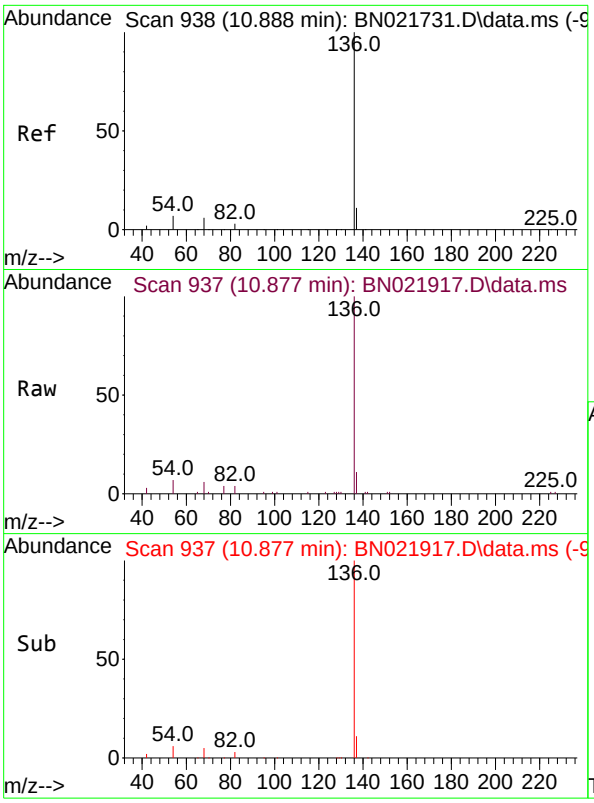


#6
bis(2-Chloroethyl)ether
Concen: 0.377 ng
RT: 7.462 min Scan# 579
Delta R.T. -0.007 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion: 93 Resp: 5362

Ion	Ratio	Lower	Upper
93	100		
63	76.7	60.0	90.0
95	33.1	26.2	39.4



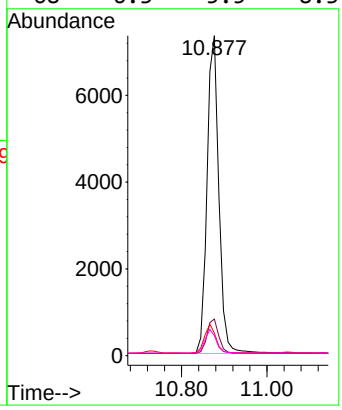


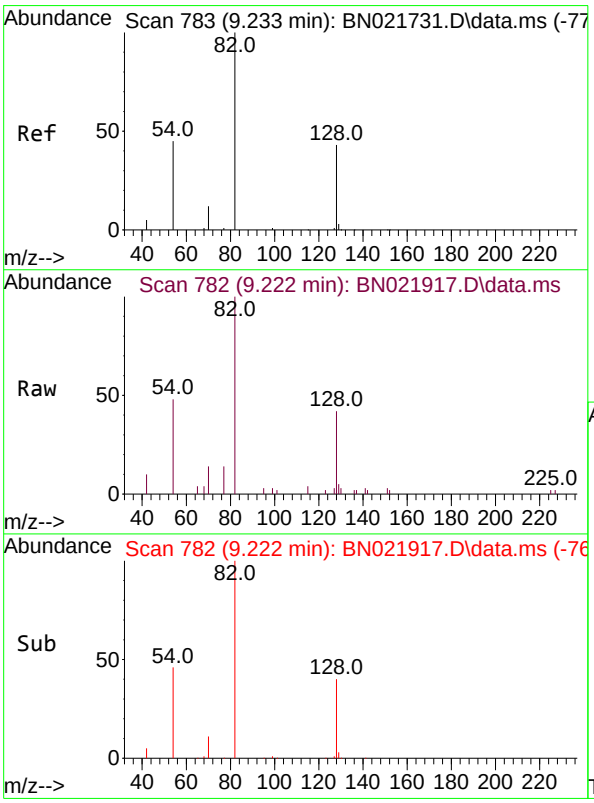
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14049

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.0	6.4	9.6
68	6.3	5.5	8.3

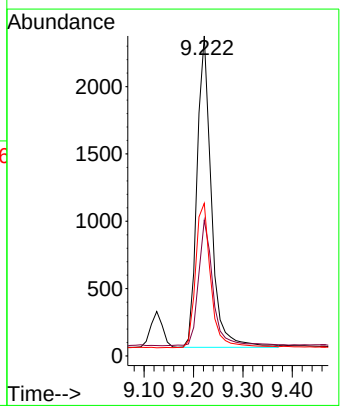


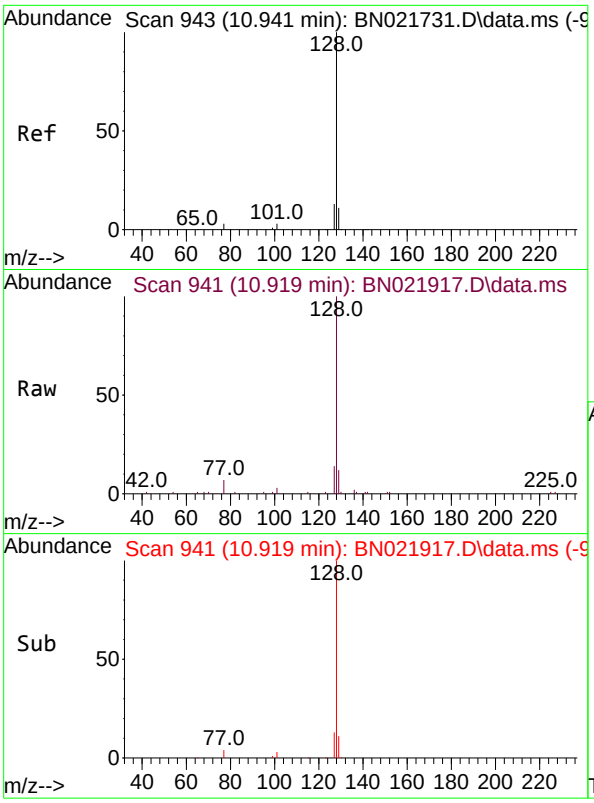


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion: 82 Resp: 4649

Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.6	53.4
54	47.7	37.8	56.8



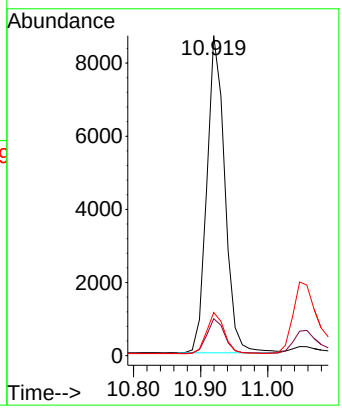


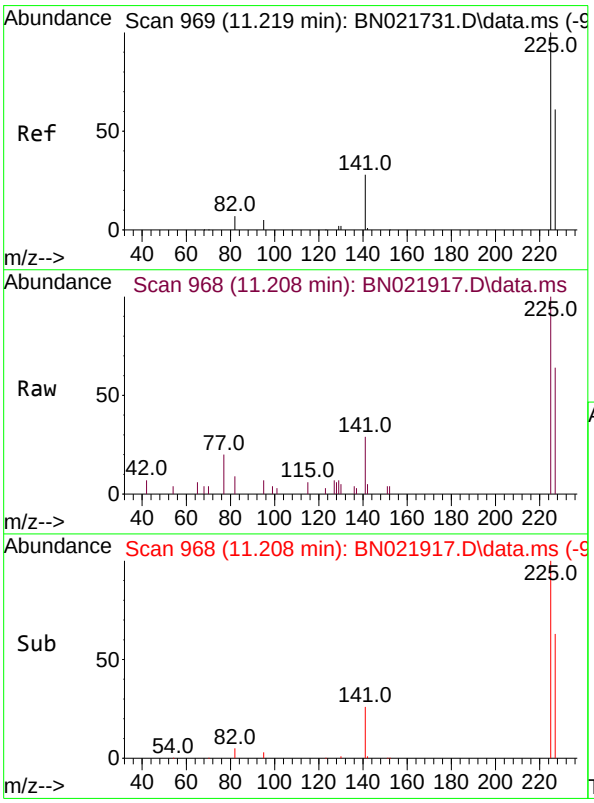
#9
Naphthalene
Concen: 0.389 ng
RT: 10.919 min Scan# 94
Delta R.T. -0.022 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 16112

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.5	10.5	15.7

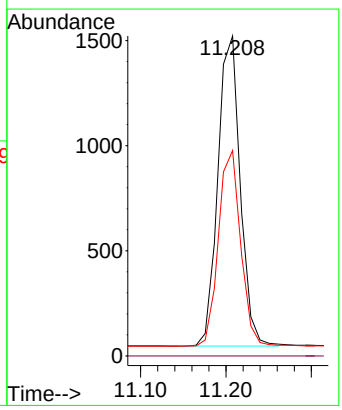


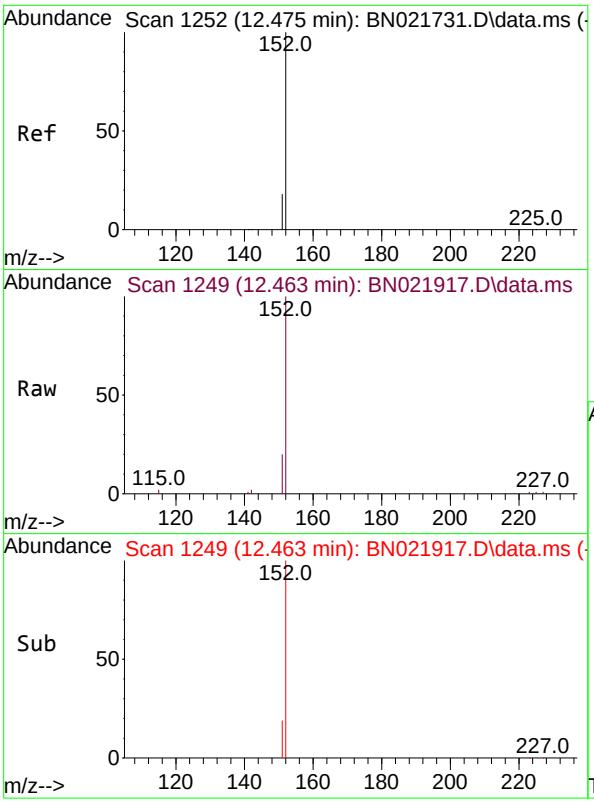


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 11.208 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:225 Resp: 2683

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	50.4	75.6



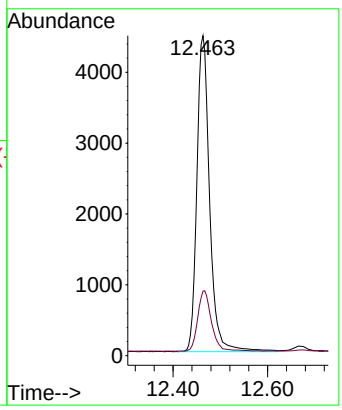


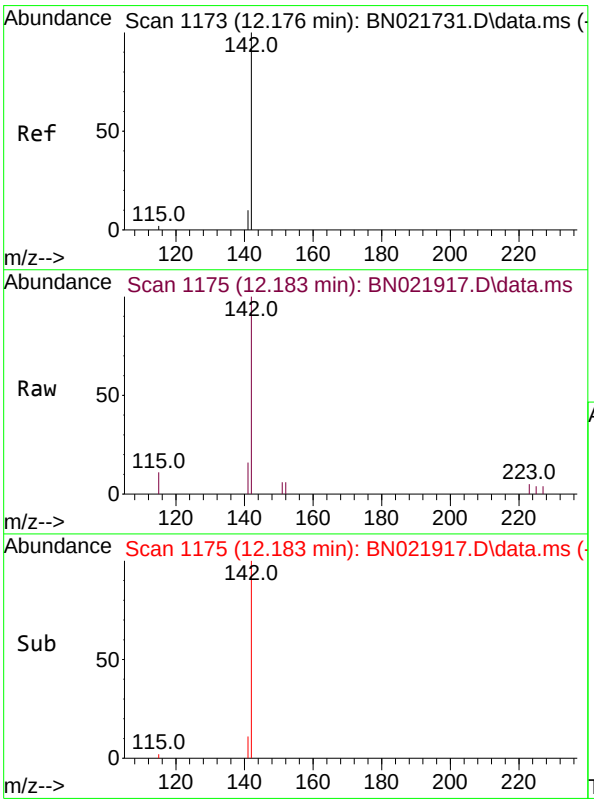
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.463 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 12689

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4

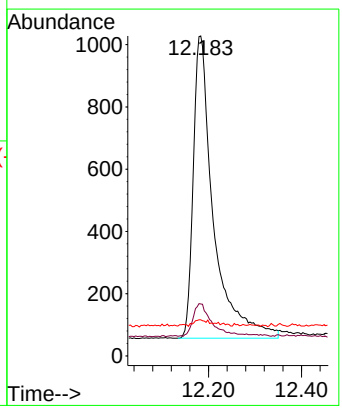


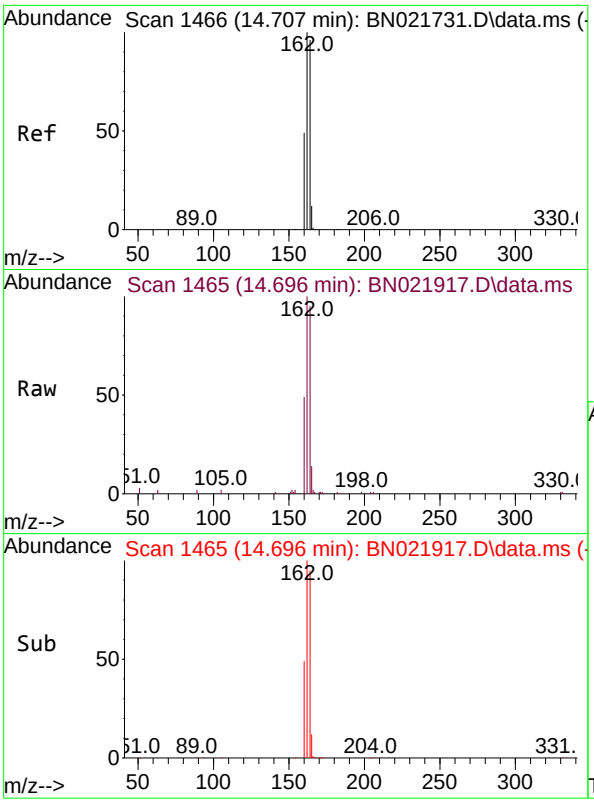


#12
2-Methylnaphthalene
Concen: 0.327 ng
RT: 12.183 min Scan# 1175
Delta R.T. 0.007 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:142 Resp: 2917

Ion	Ratio	Lower	Upper
142	100		
141	16.2	10.6	16.0#
115	11.3	5.6	8.4#



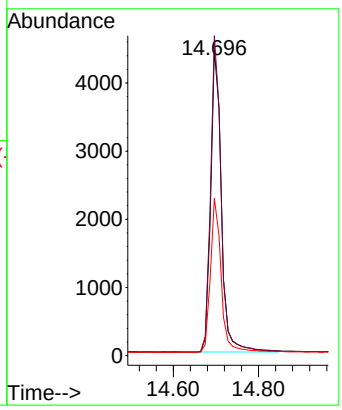


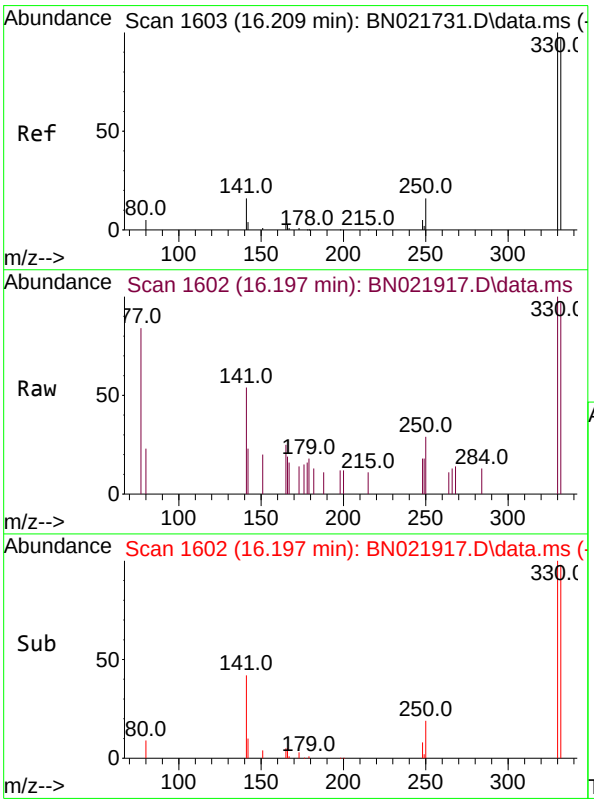
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 7704

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	51.5	40.9	61.3

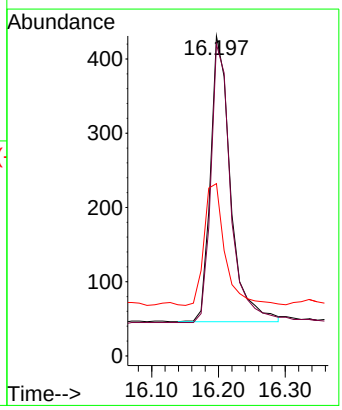


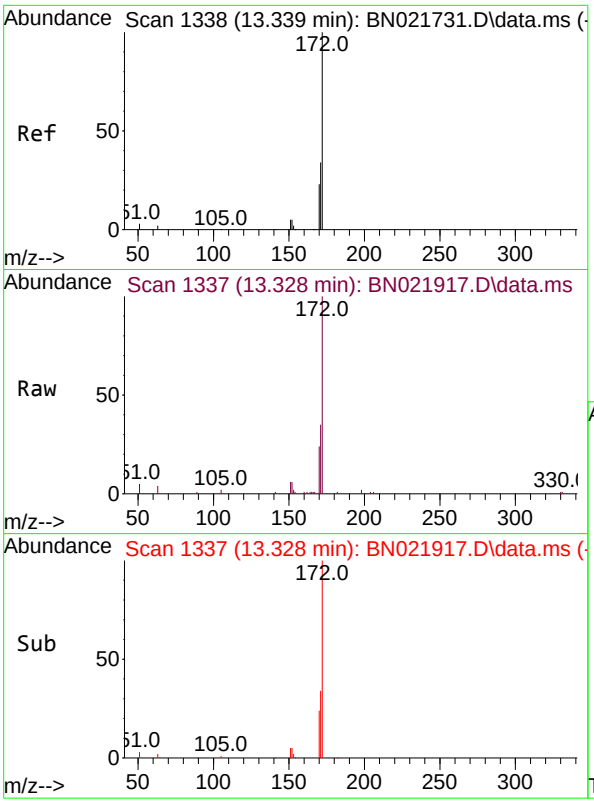


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:330 Resp: 804

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	44.5	37.2	55.8



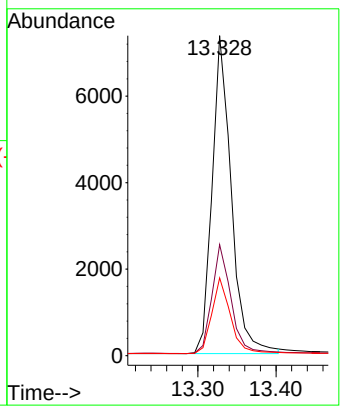


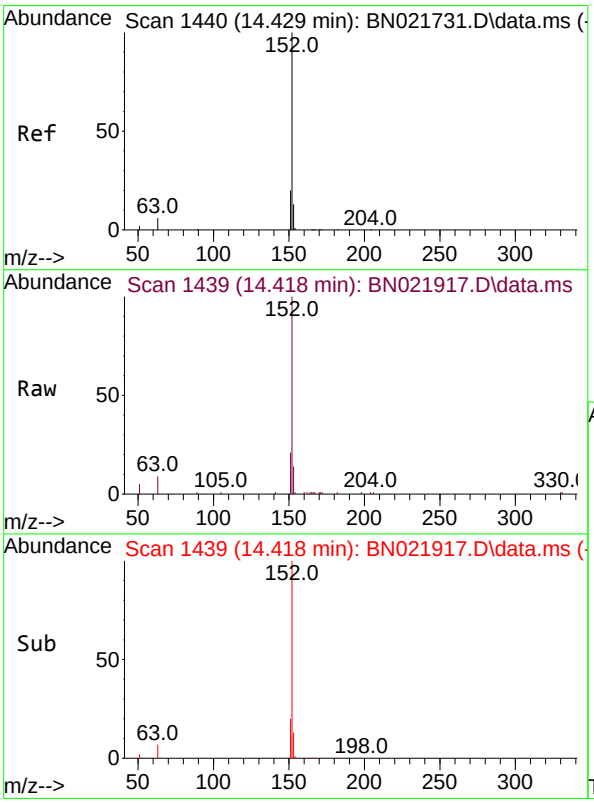
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.328 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 12523

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.7	41.5
170	24.3	18.8	28.2

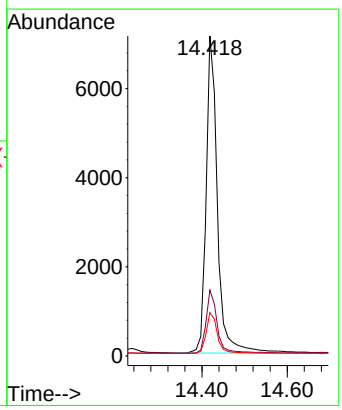


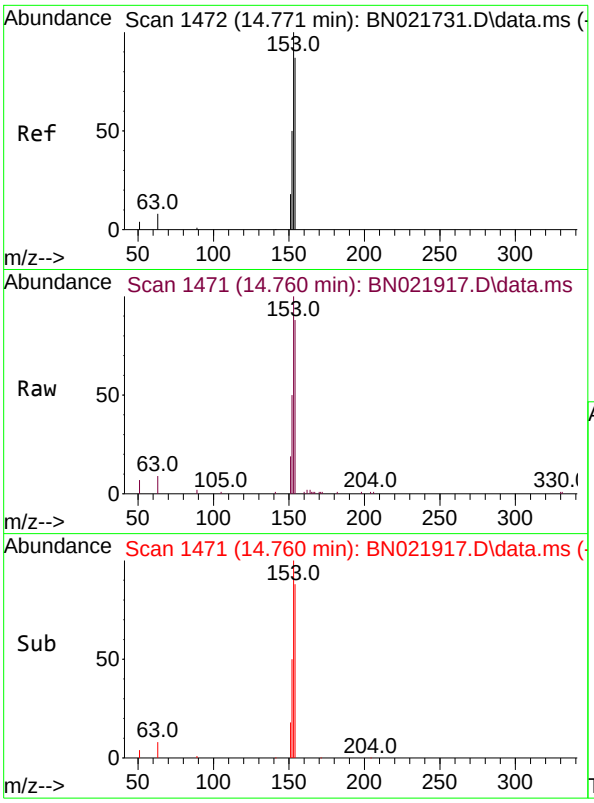


#16
Acenaphthylene
Concen: 0.354 ng
RT: 14.418 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:152 Resp: 13041

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.0
153	13.1	10.3	15.5



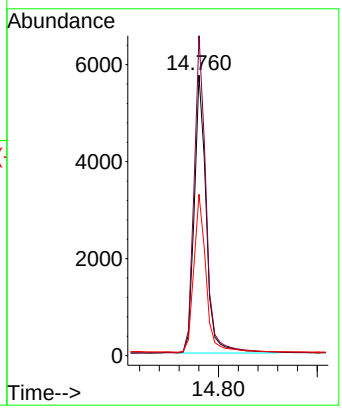


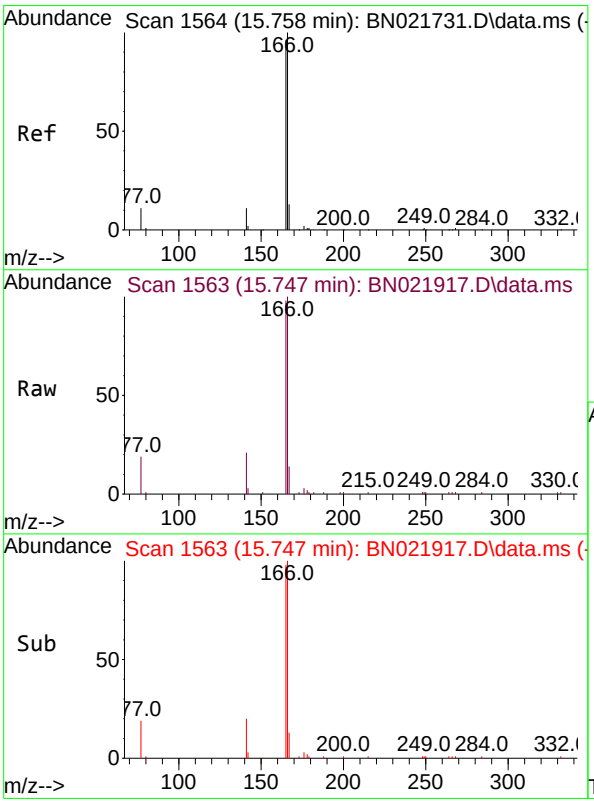
#17
Acenaphthene
Concen: 0.383 ng
RT: 14.760 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9633

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.0	136.4
152	57.6	46.0	69.0

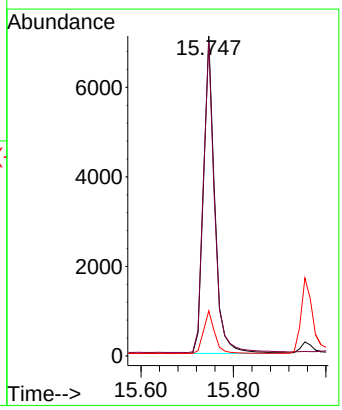


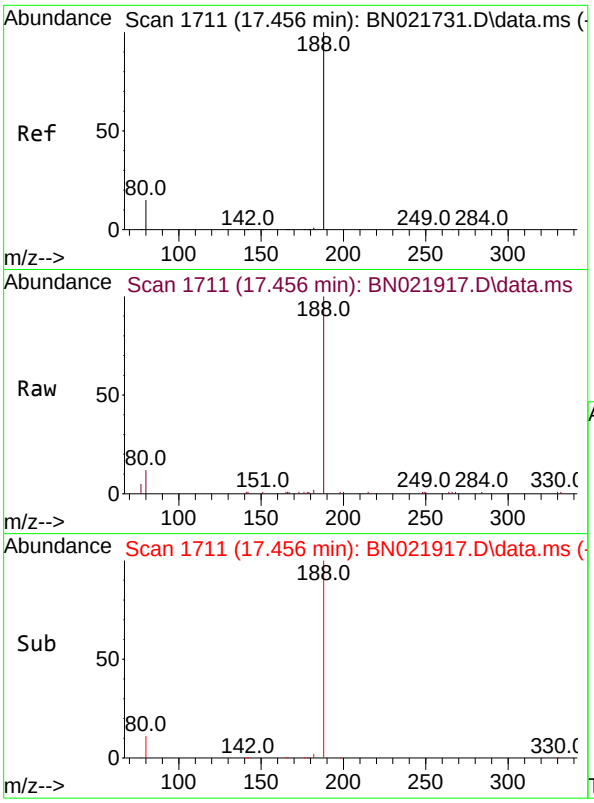


#18
Fluorene
Concen: 0.351 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:166 Resp: 11739

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.4	119.0
167	13.5	10.6	15.8



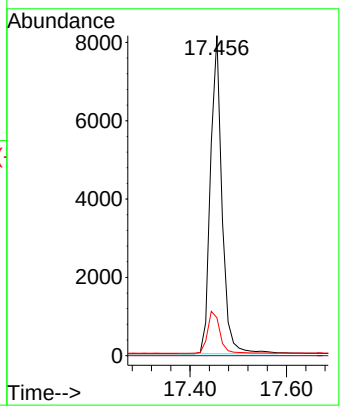


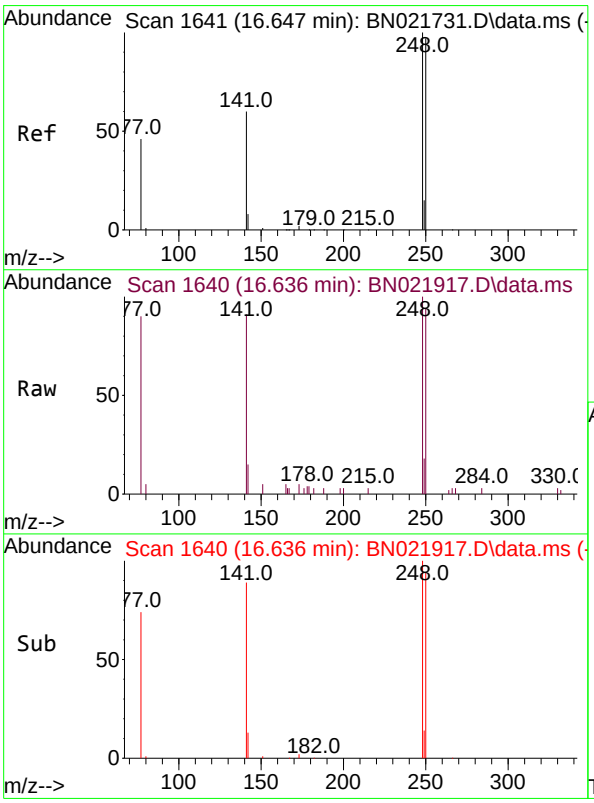
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 13412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.9	12.6	19.0#

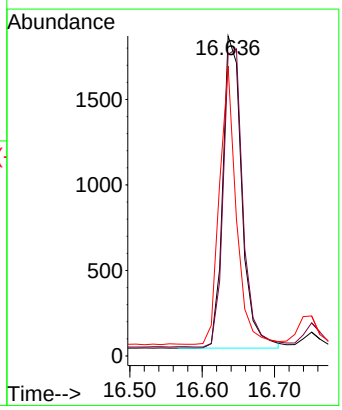


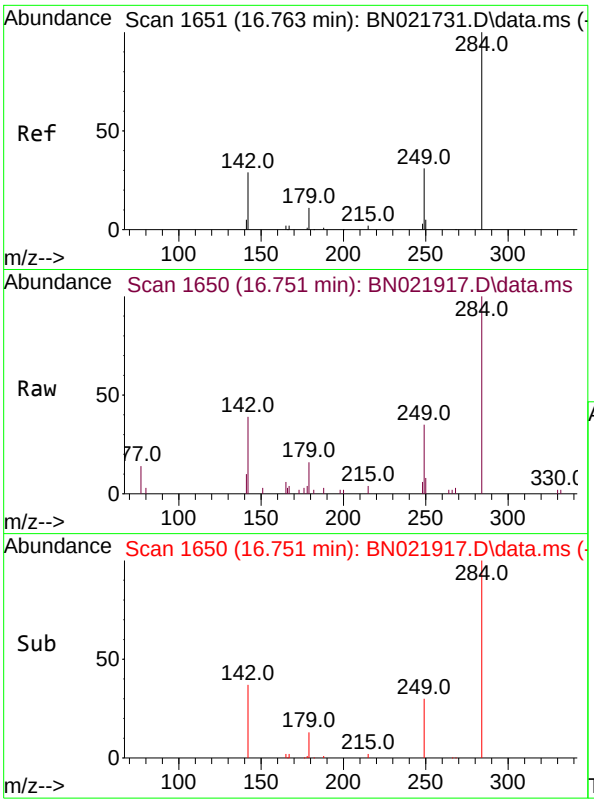


#21
4-Bromophenyl-phenylether
Concen: 0.404 ng
RT: 16.636 min Scan# 1640
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:248 Resp: 3337

Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.8	116.8
141	90.5	49.0	73.4#



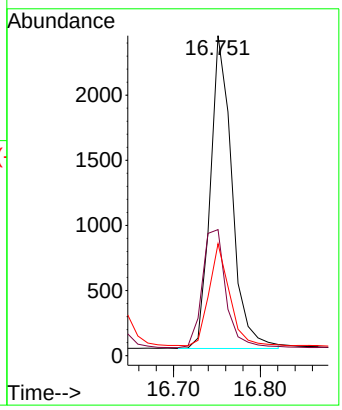


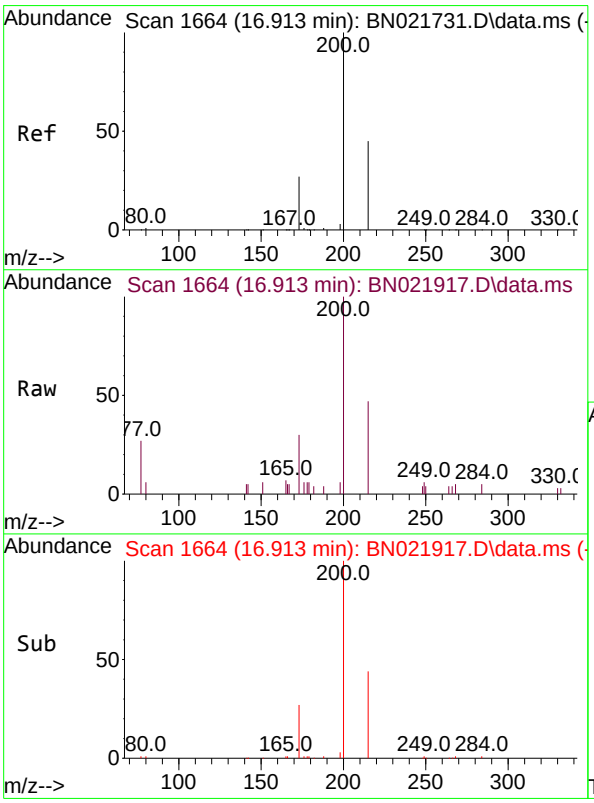
#22
Hexachlorobenzene
Concen: 0.449 ng
RT: 16.751 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4169

Ion	Ratio	Lower	Upper
284	100		
142	41.4	33.4	50.2
249	30.6	25.1	37.7

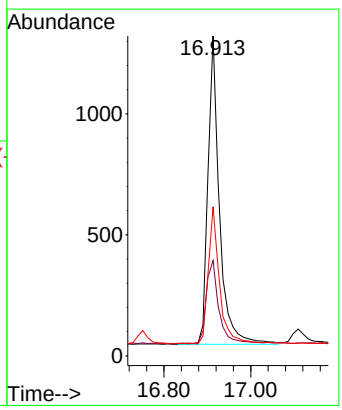


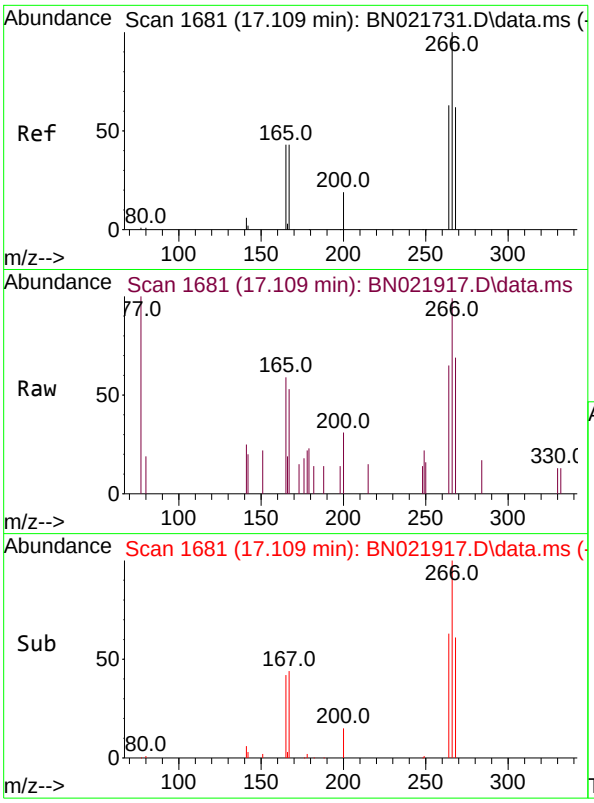


#23
Atrazine
Concen: 0.342 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:200 Resp: 2336

Ion	Ratio	Lower	Upper
200	100		
173	29.8	22.9	34.3
215	46.6	36.9	55.3



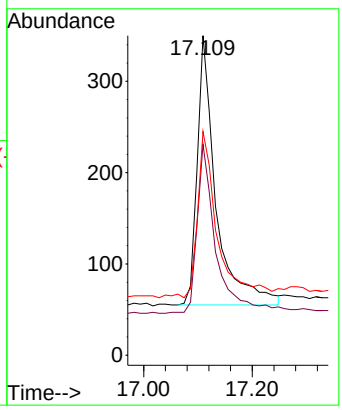


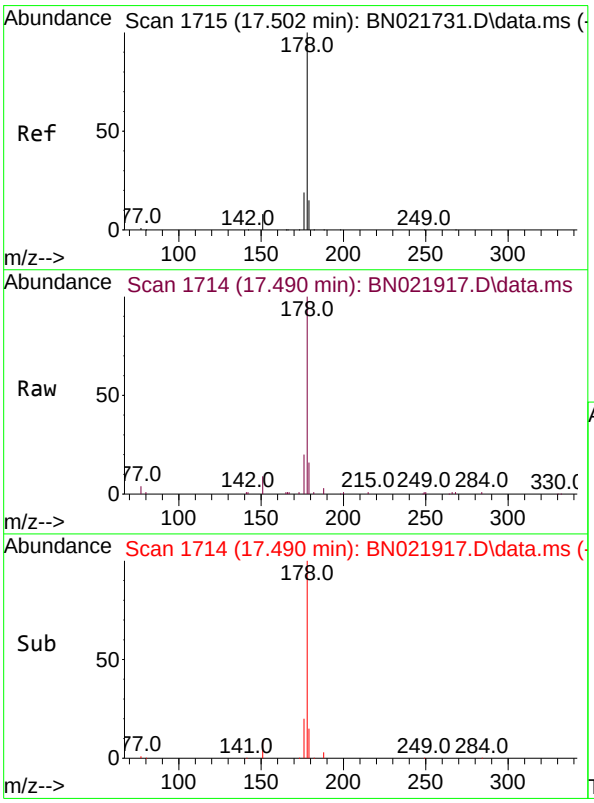
#24
Pentachlorophenol
Concen: 0.204 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 712

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.0	75.0
268	65.2	50.2	75.2

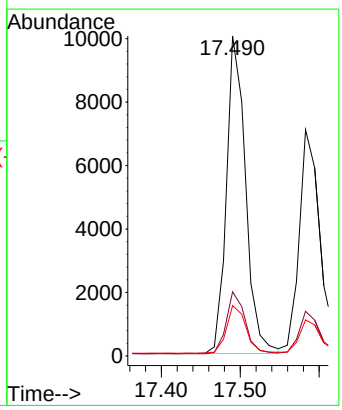


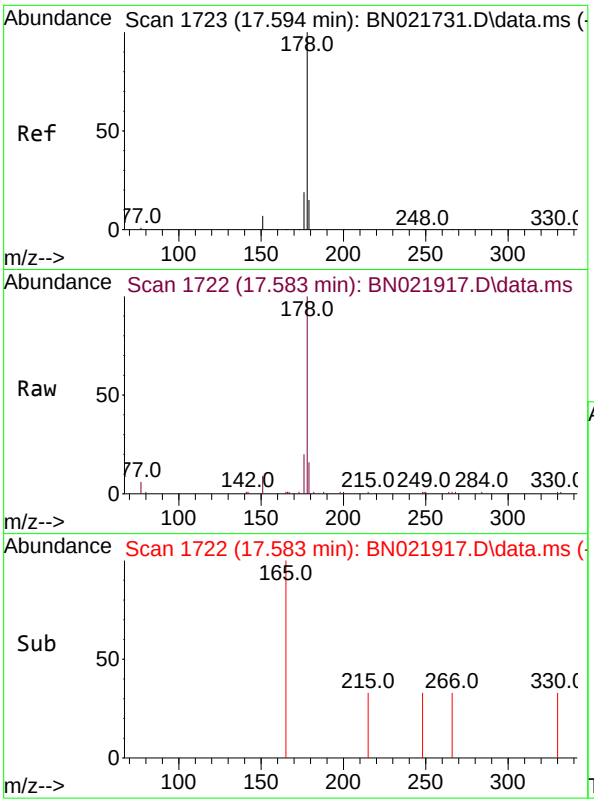


#25
Phenanthrene
Concen: 0.374 ng
RT: 17.490 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:178 Resp: 16842

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.4	12.2	18.4



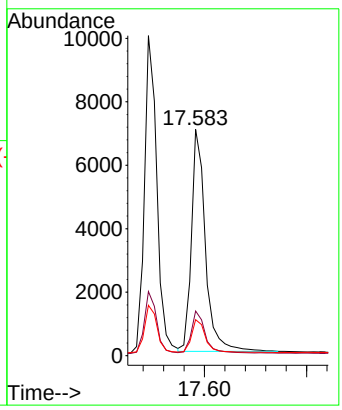


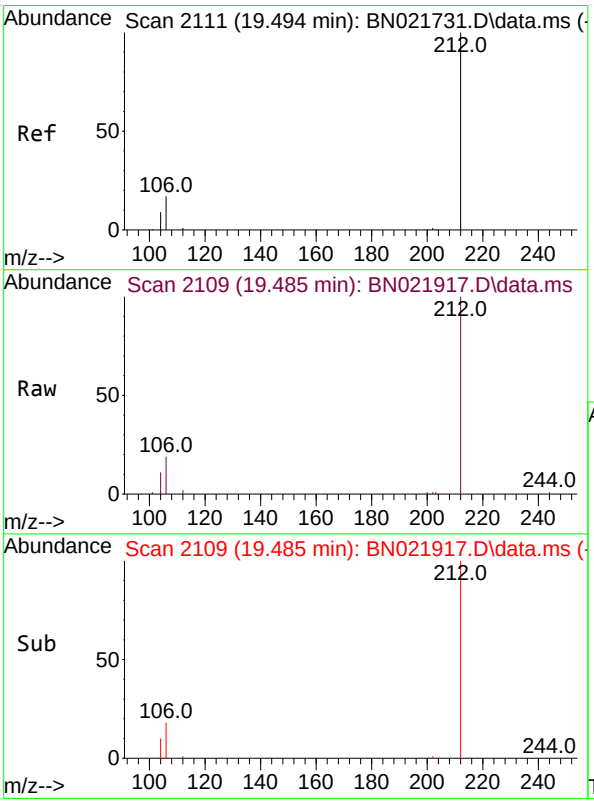
#26
Anthracene
Concen: 0.348 ng
RT: 17.583 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 13277

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.2	18.2

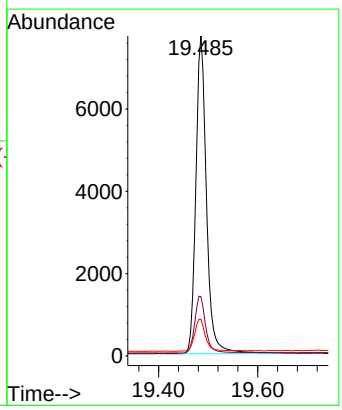


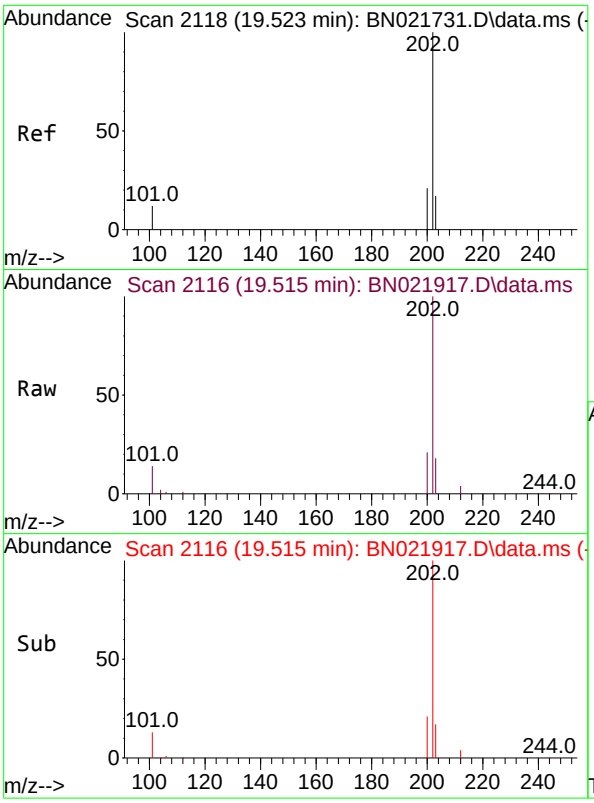


#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.485 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:212 Resp: 11549

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.3	21.5
104	10.3	8.0	12.0



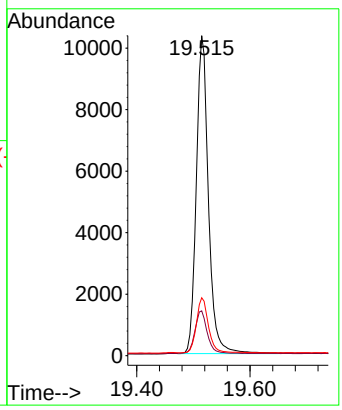


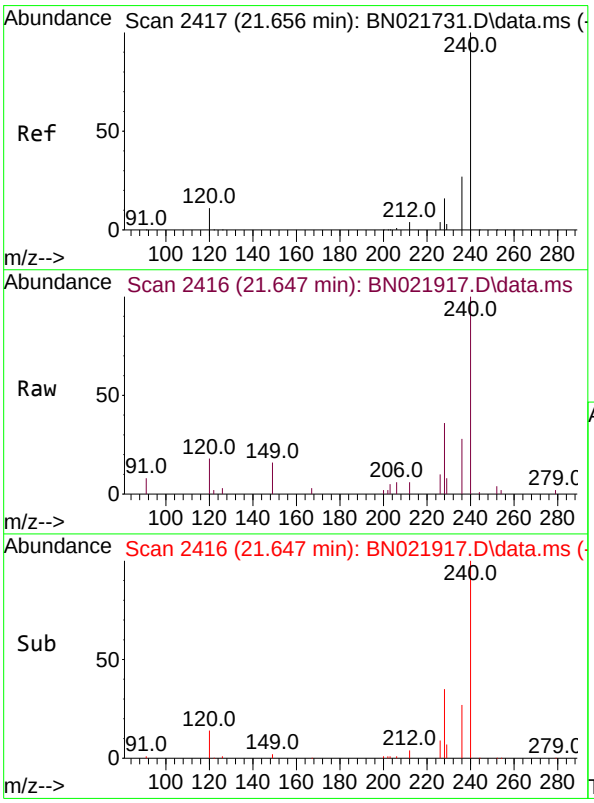
#28
Fluoranthene
Concen: 0.318 ng
RT: 19.515 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 15435

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.0	16.4
203	17.1	13.7	20.5

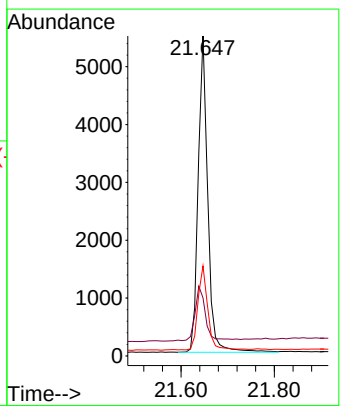


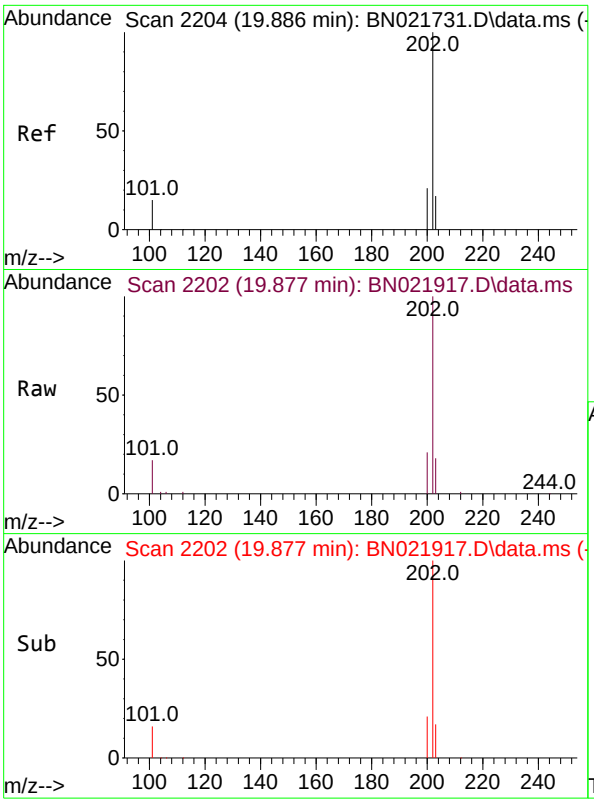


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:240 Resp: 7815

Ion	Ratio	Lower	Upper
240	100		
120	18.1	9.8	14.8#
236	28.2	22.2	33.4



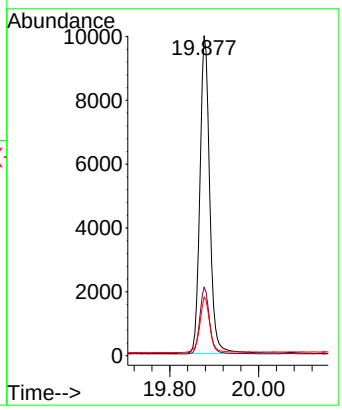


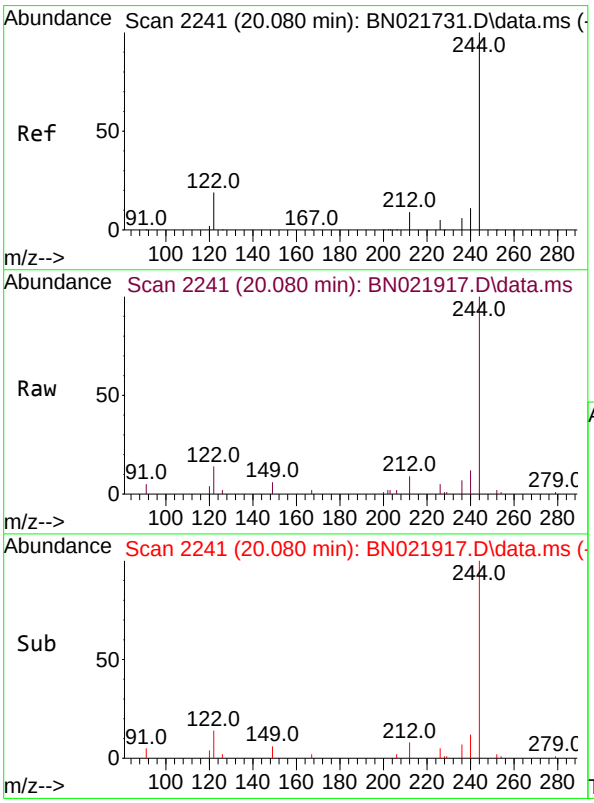
#30
Pyrene
Concen: 0.430 ng
RT: 19.877 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 16678

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.0	22.4
203	16.3	12.8	19.2

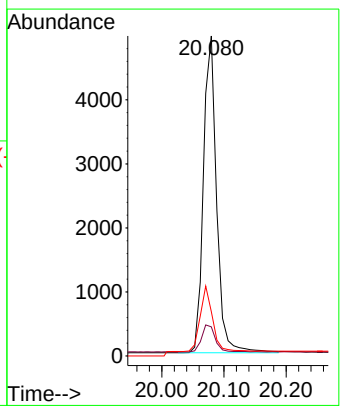


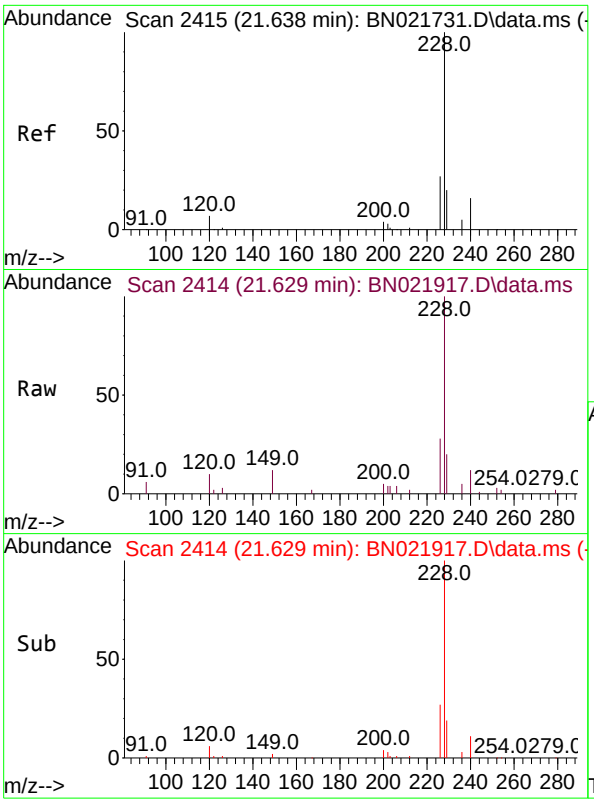


#31
Terphenyl-d14
Concen: 0.409 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:244 Resp: 7311

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	13.8	15.8	23.8#



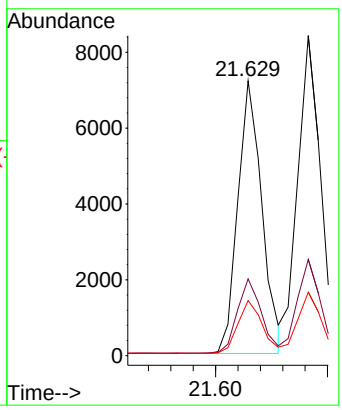


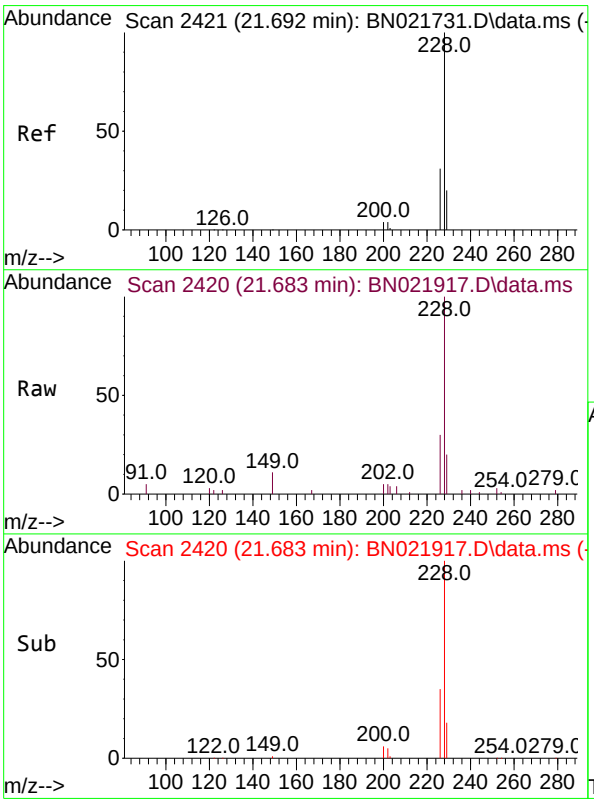
#32
Benzo(a)anthracene
Concen: 0.358 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 10718

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.5	32.3
229	20.1	15.8	23.8

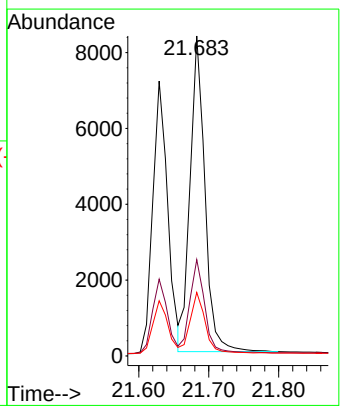


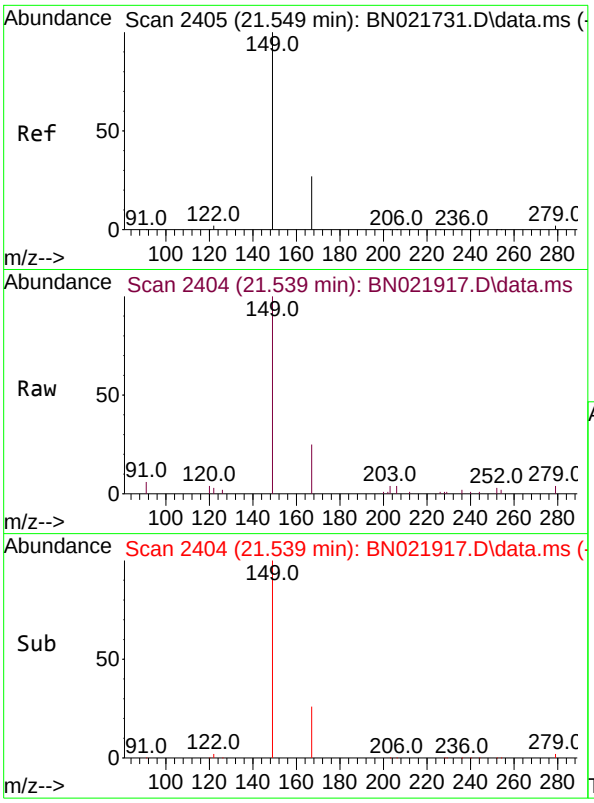


#33
Chrysene
Concen: 0.393 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:228 Resp: 12234

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	19.9	16.0	24.0



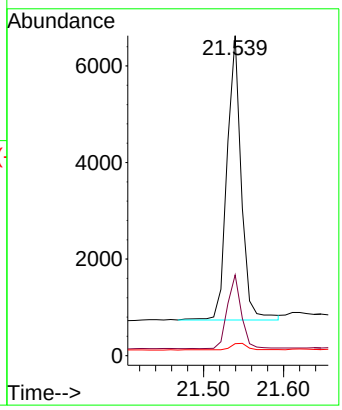


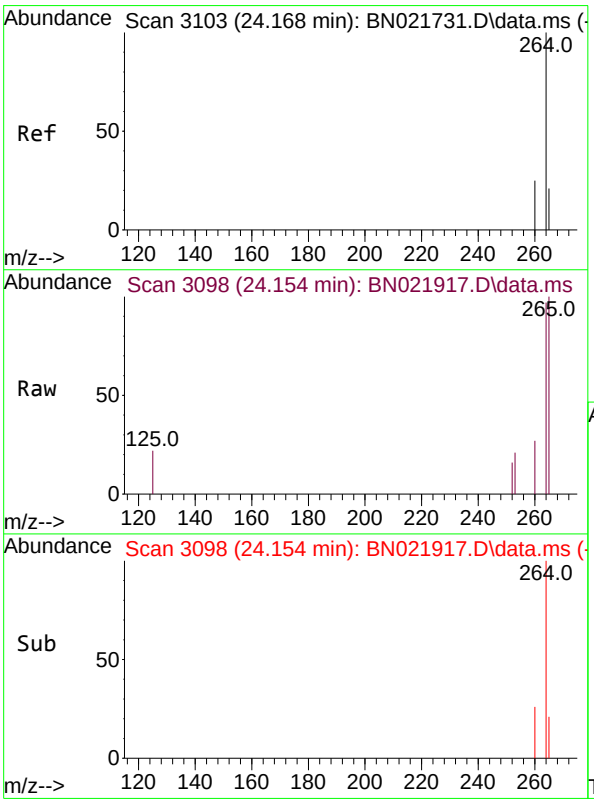
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.363 ng
RT: 21.539 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 7277

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.8	31.2
279	3.1	2.1	3.1#

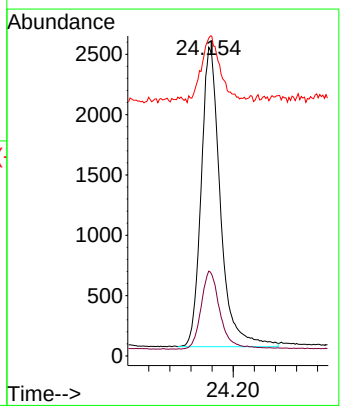


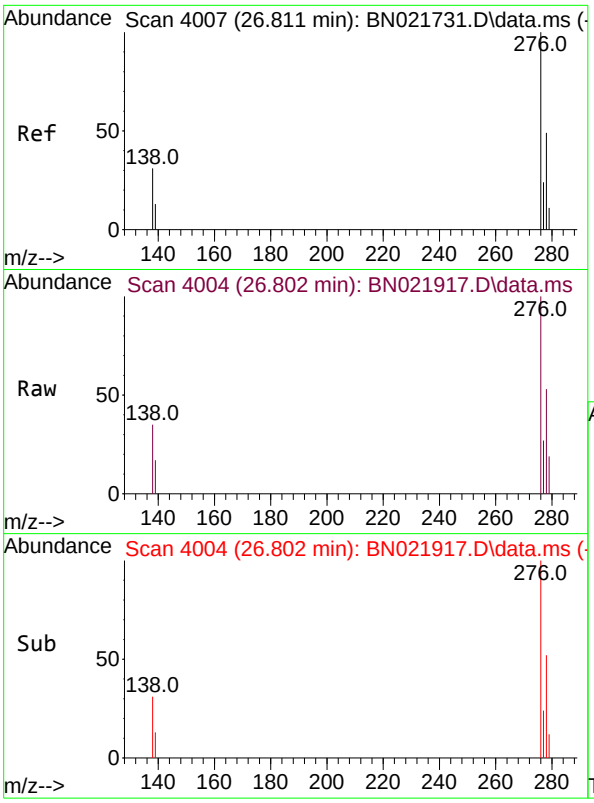


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3098
Delta R.T. -0.015 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:264 Resp: 6286

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.6	31.0
265	103.0	34.4	51.6#



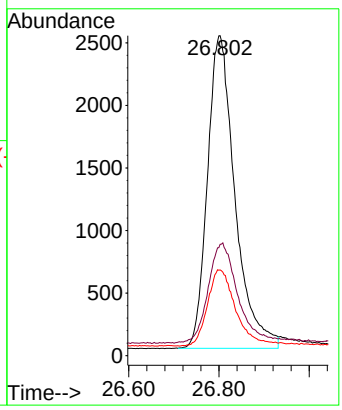


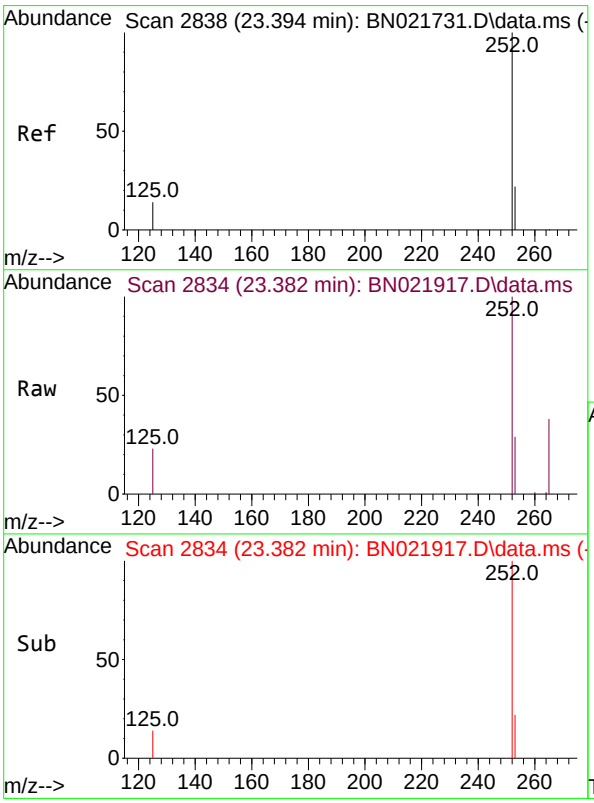
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 26.802 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 10584

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.4	41.0
277	25.2	19.8	29.6

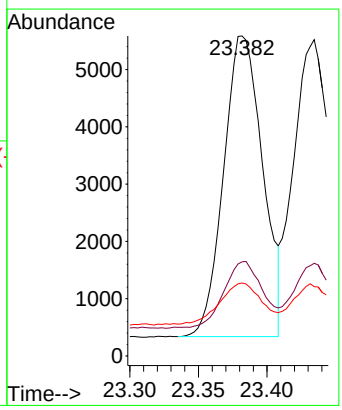


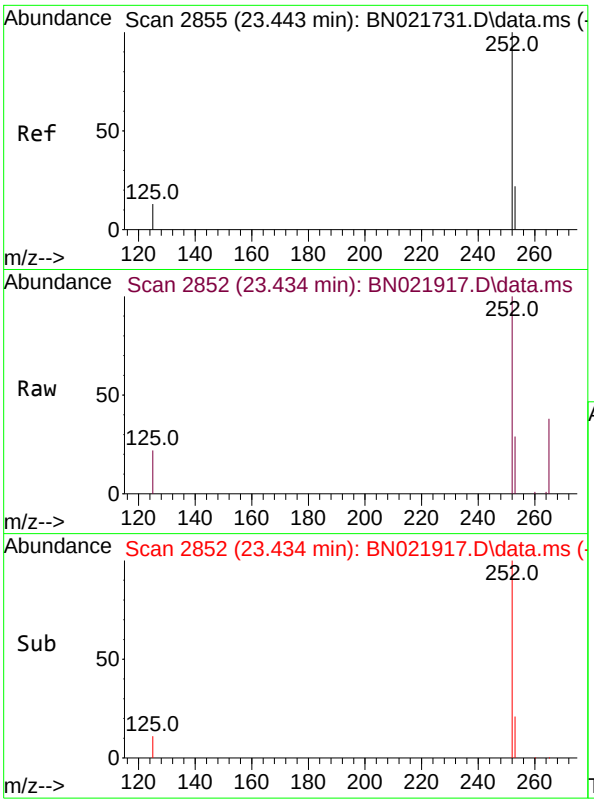


#37
Benzo(b)fluoranthene
Concen: 0.365 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:252 Resp: 10411

Ion	Ratio	Lower	Upper
252	100		
253	29.4	19.6	29.4#
125	22.8	13.0	19.4#



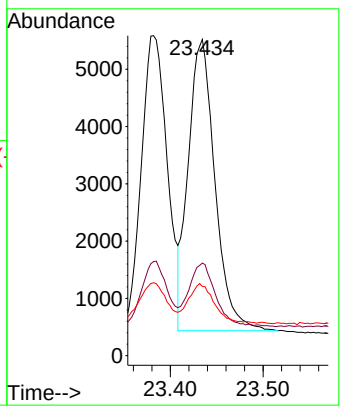


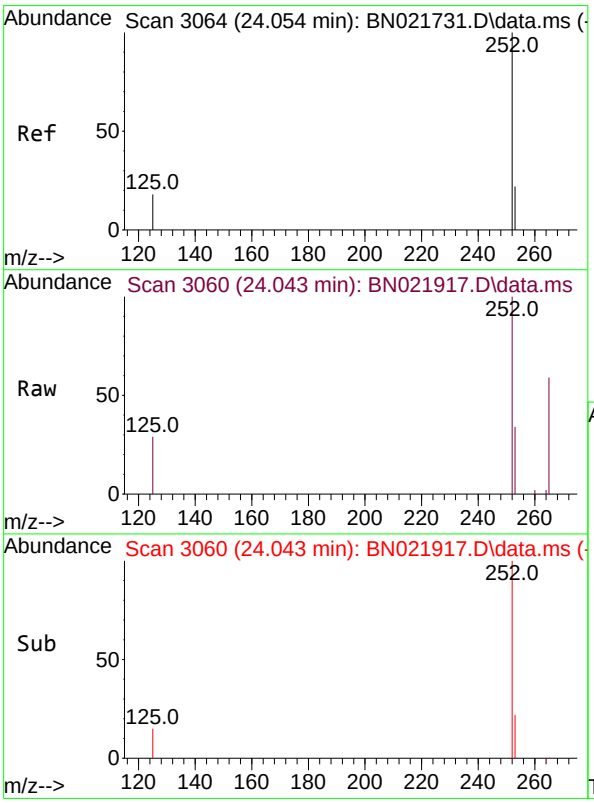
#38
Benzo(k)fluoranthene
Concen: 0.365 ng
RT: 23.434 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 10201

Ion	Ratio	Lower	Upper
252	100		
253	29.3	19.4	29.2#
125	21.9	12.6	18.8#

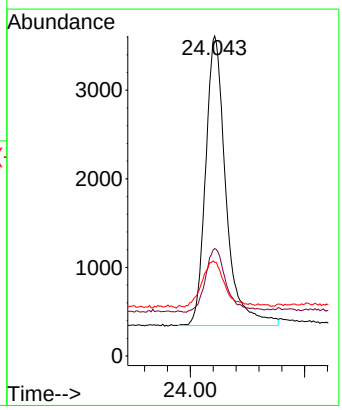


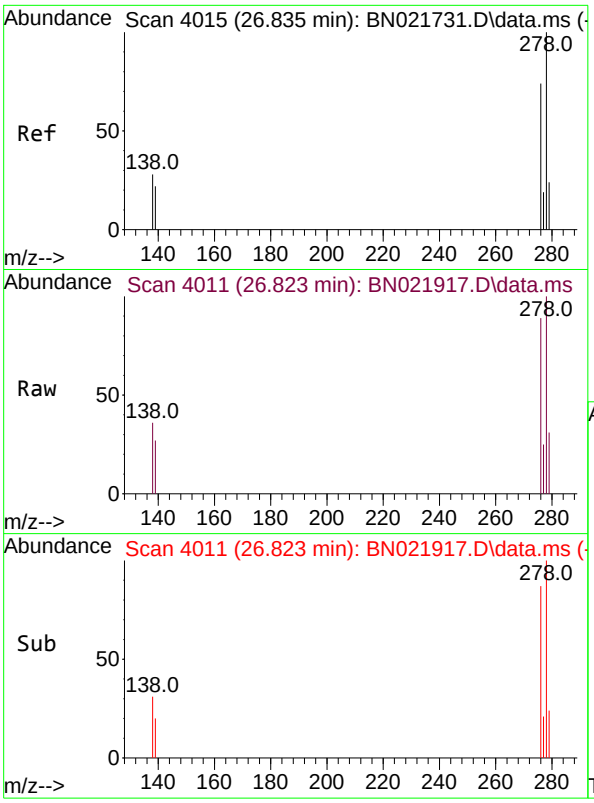


#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 24.043 min Scan# 3060
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:252 Resp: 8087

Ion	Ratio	Lower	Upper
252	100		
253	33.5	20.8	31.2#
125	29.3	17.4	26.0#



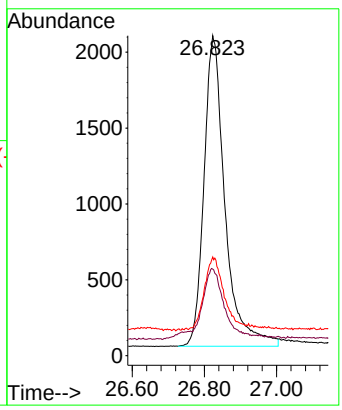


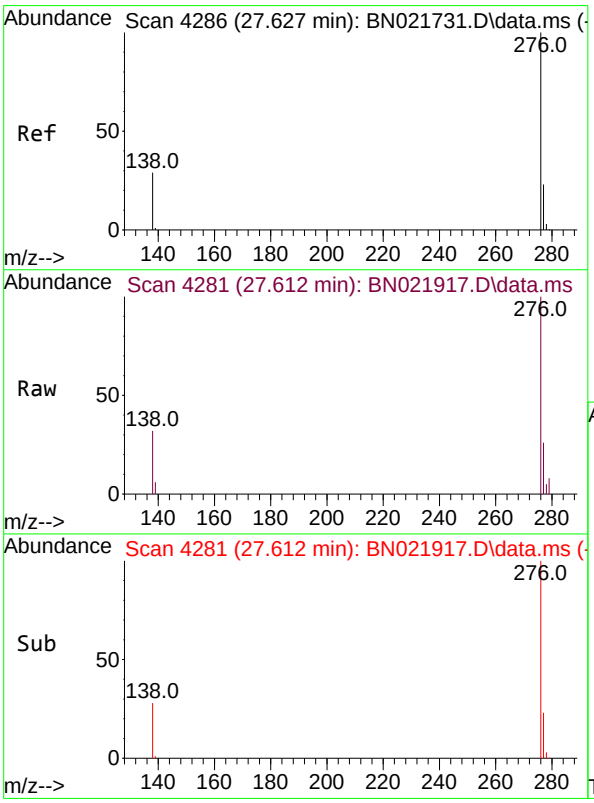
#40
Dibenzo(a,h)anthracene
Concen: 0.350 ng
RT: 26.823 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 8275

Ion	Ratio	Lower	Upper
278	100		
139	27.1	19.2	28.8
279	30.9	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.403 ng
RT: 27.612 min Scan# 4281
Delta R.T. -0.015 min
Lab File: BN021917.D
Acq: 26 Sep 2022 14:21

Tgt Ion:276 Resp: 9796

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.2	28.8
138	32.1	24.2	36.2