Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017471.D
Acq On : 16 Nov 2021 11:54
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 16 13:03:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152	27405	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	114137	0.400	ng	#	0.00
13) Acenaphthene-d10	14.498	164	59573	0.400	ng		0.00
19) Phenanthrene-d10	17.238	188	103443	0.400	ng		0.00
29) Chrysene-d12	21.420	240	90895	0.400	ng	#	0.00
35) Perylene-d12	23.797	264	71266	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	207679	3.287	ng		0.00
5) Phenol-d6	7.035	99	228198	3.279	ng		0.00
8) Nitrobenzene-d5	9.014	82	252217	3.682	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	603736	3.593	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	63469	2.854	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	712997	3.146	ng		0.00
27) Fluoranthene-d10	19.268	212	1051877	3.988	ng		0.00
31) Terphenyl-d14	19.868	244	698556	3.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	38129	2.485	ng		97
3) n-Nitrosodimethylamine	3.716	42	77681	3.300	ng		96
6) bis(2-Chloroethyl)ether	7.302	93	234460	3.197	ng		94
9) Naphthalene	10.712	128	905884	3.012	ng		100
10) Hexachlorobutadiene	11.016	225	192703	3.269	ng	#	100
12) 2-Methylnaphthalene	12.329	142	571881	2.890	ng		98
16) Acenaphthylene	14.207	152	809746	3.335	ng		100
17) Acenaphthene	14.562	154	527619	3.155	ng		97
18) Fluorene	15.539	166	614940	3.079	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	26703	2.521	ng	#	85
21) 4-Bromophenyl-phenylether	16.435	248	199560	3.444	ng	#	71
22) Hexachlorobenzene	16.556	284	216079	3.327	ng		98
25) Phenanthrene	17.274	178	935180	3.155	ng		100
26) Anthracene	17.372	178	833728	3.376	ng		100
28) Fluoranthene	19.297	202	1010824	3.161	ng		99
30) Pyrene	19.660	202	1039410	3.539	ng		100
32) Benzo(a)anthracene	21.409	228	970564	3.519	ng		99
33) Chrysene	21.462	228	944836	3.219	ng		99
34) Bis(2-ethylhexyl)phtha...	21.345	149	622009	6.392	ng		98
36) Indeno(1,2,3-cd)pyrene	26.244	276	609703	2.444	ng		99
37) Benzo(b)fluoranthene	23.075	252	888895	3.816	ng		100
38) Benzo(k)fluoranthene	23.123	252	801431	3.439	ng		99
39) Benzo(a)pyrene	23.688	252	721985	3.501	ng		99
40) Dibenzo(a,h)anthracene	26.265	278	470322	2.343	ng		99
41) Benzo(g,h,i)perylene	26.991	276	551227	2.547	ng		99

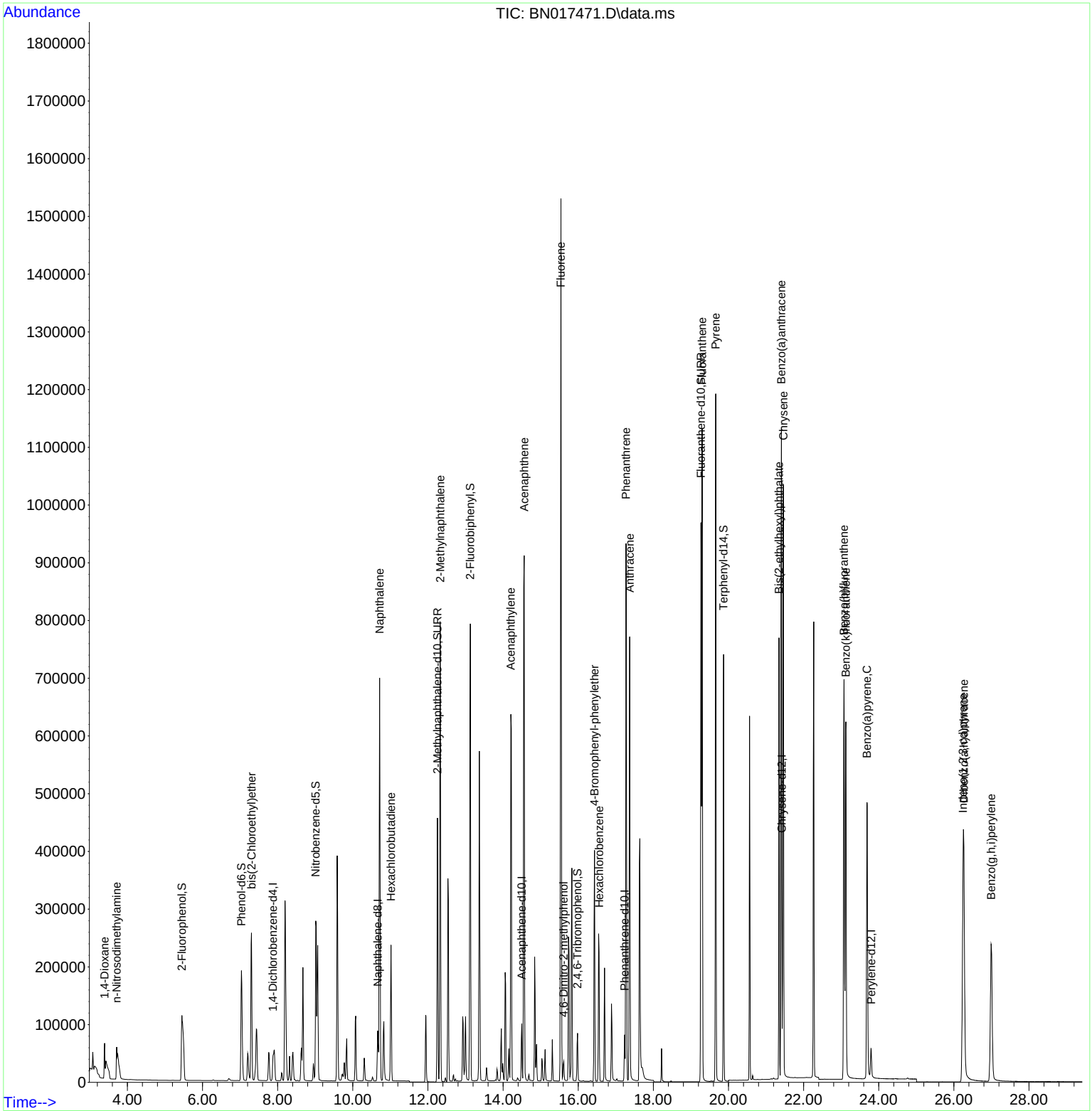
(#) = qualifier out of range (m) = manual integration (+) = signals summed

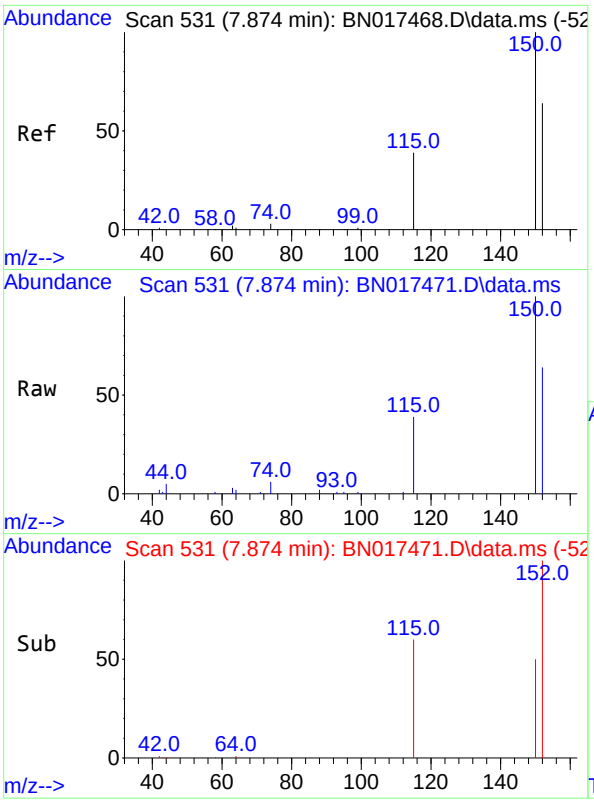
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017471.D
Acq On : 16 Nov 2021 11:54
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 16 13:03:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration



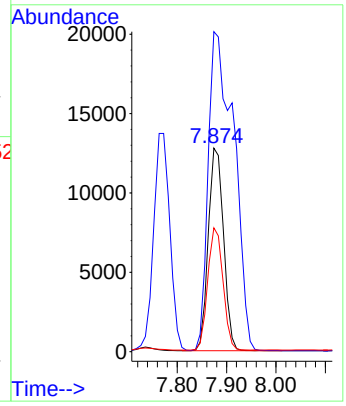


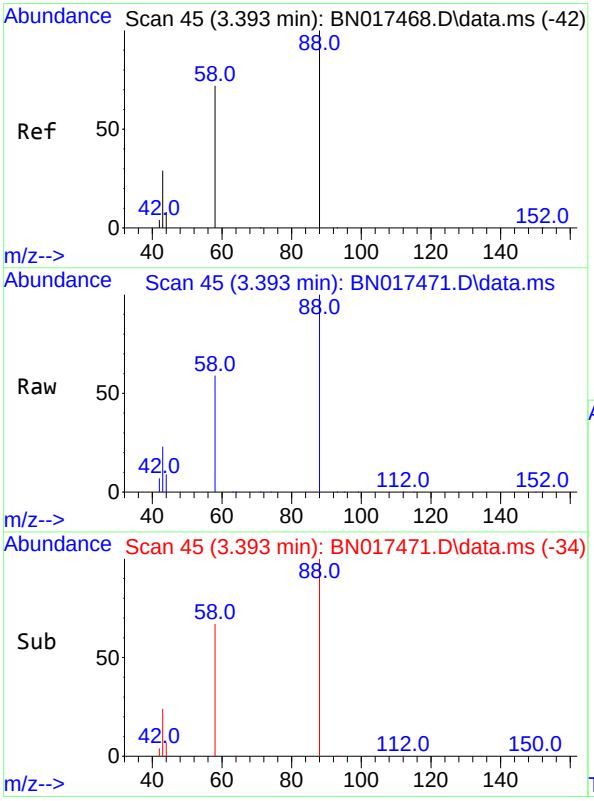
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.874 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 27405

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.0	184.4
115	60.9	45.6	68.4

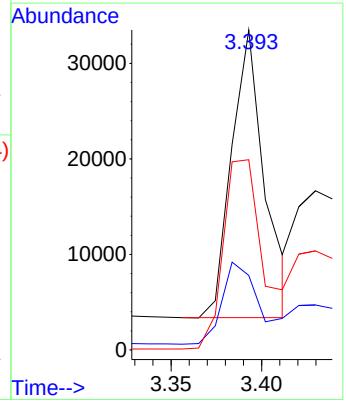


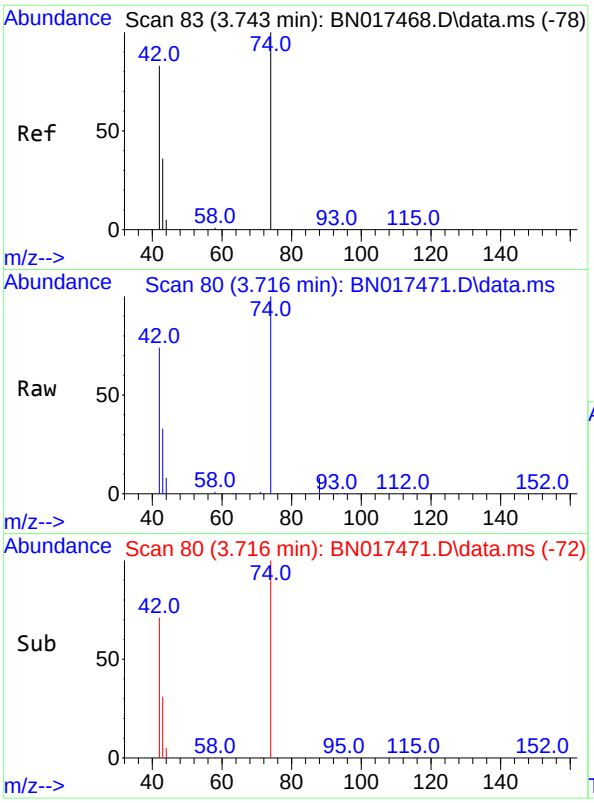


#2
1,4-Dioxane
Concen: 2.485 ng
RT: 3.393 min Scan# 45
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion: 88 Resp: 38129

Ion	Ratio	Lower	Upper
88	100		
43	33.1	24.7	37.1
58	81.0	63.0	94.6



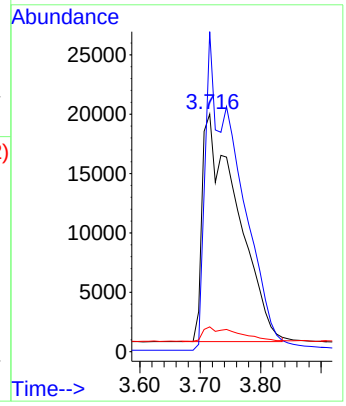


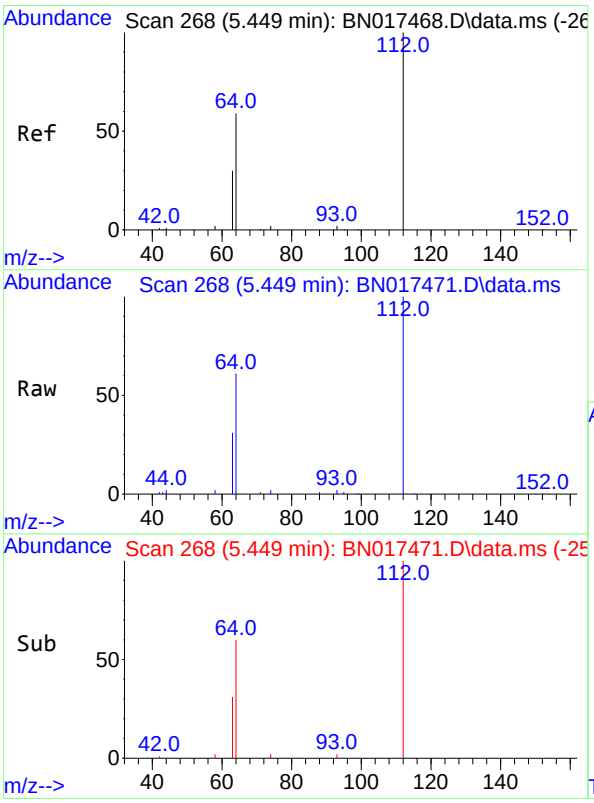
#3
n-Nitrosodimethylamine
Concen: 3.300 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.028 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 77681

Ion	Ratio	Lower	Upper
42	100		
74	127.3	97.8	146.6
44	6.3	5.5	8.3

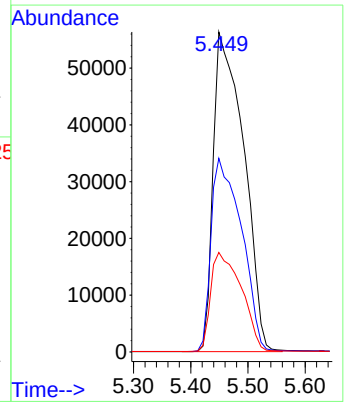


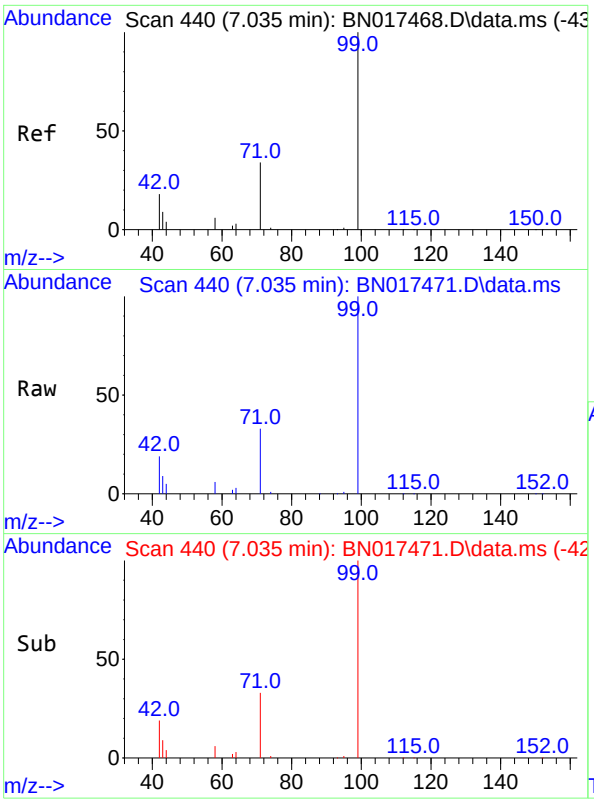


#4
2-Fluorophenol
Concen: 3.287 ng
RT: 5.449 min Scan# 268
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:112 Resp: 207679

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.6	71.4
63	31.3	24.6	37.0



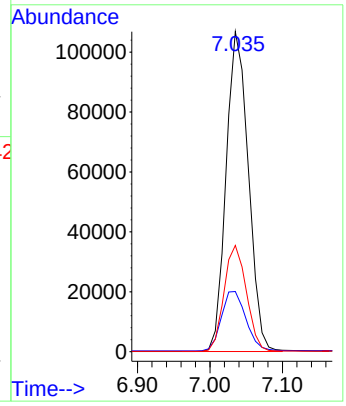


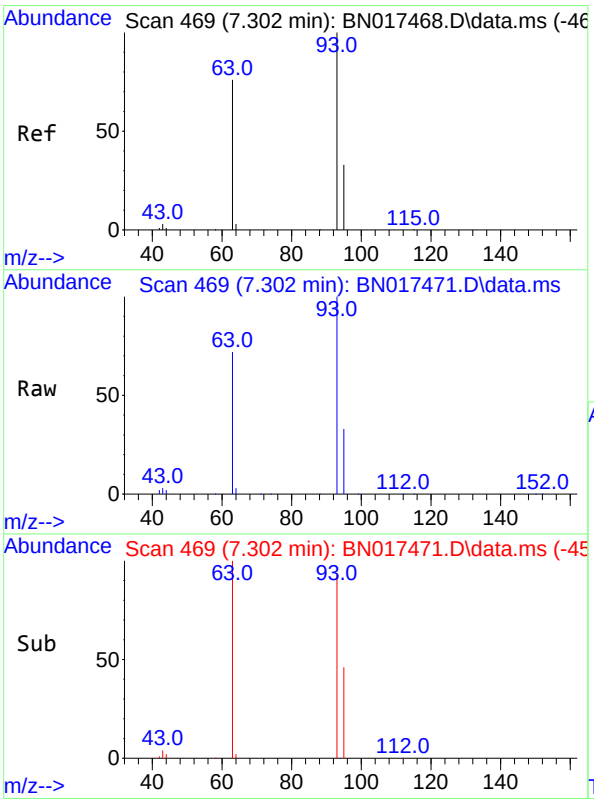
#5
Phenol-d6
Concen: 3.279 ng
RT: 7.035 min Scan# 44
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 228198

Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.6
71	33.3	24.8	37.2

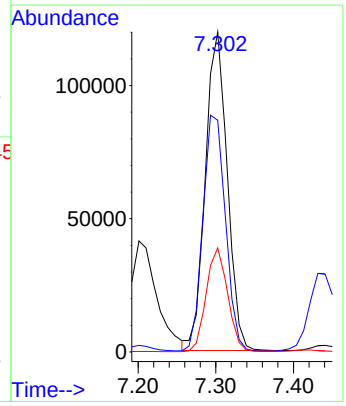


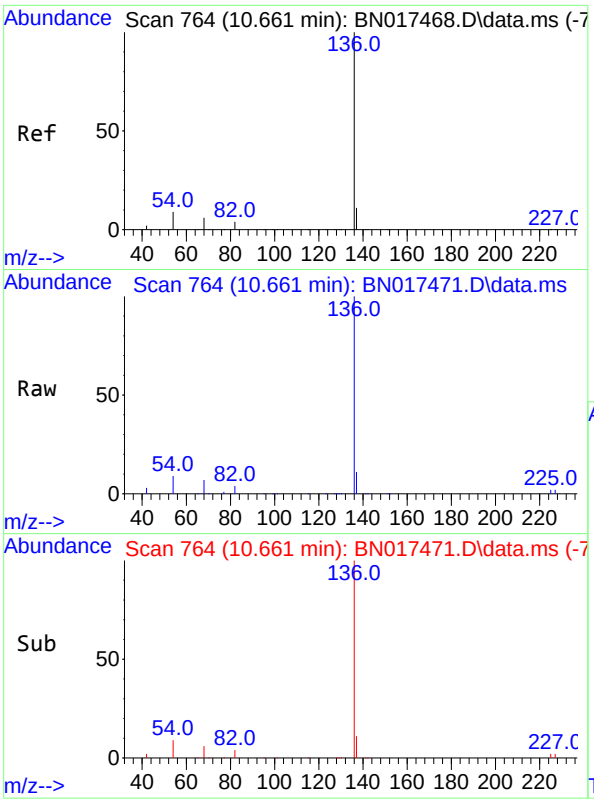


#6
bis(2-Chloroethyl)ether
Concen: 3.197 ng
RT: 7.302 min Scan# 469
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion: 93 Resp: 234460

Ion	Ratio	Lower	Upper
93	100		
63	76.1	65.8	98.6
95	31.8	26.6	39.8



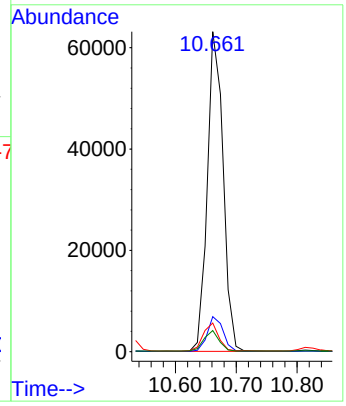


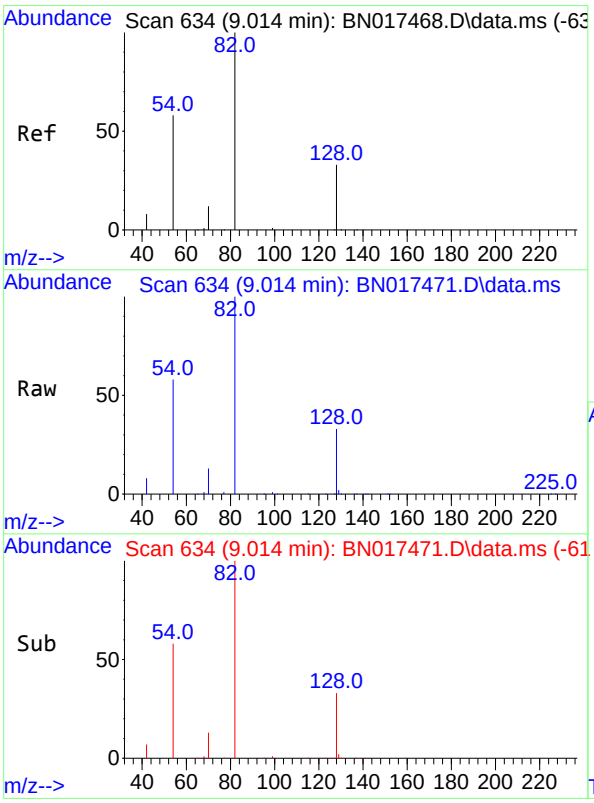
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 114137

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	4.0	6.0#
68	6.6	3.0	4.6#

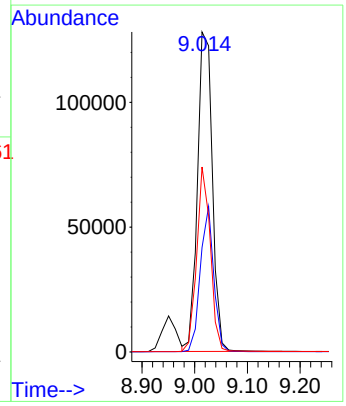


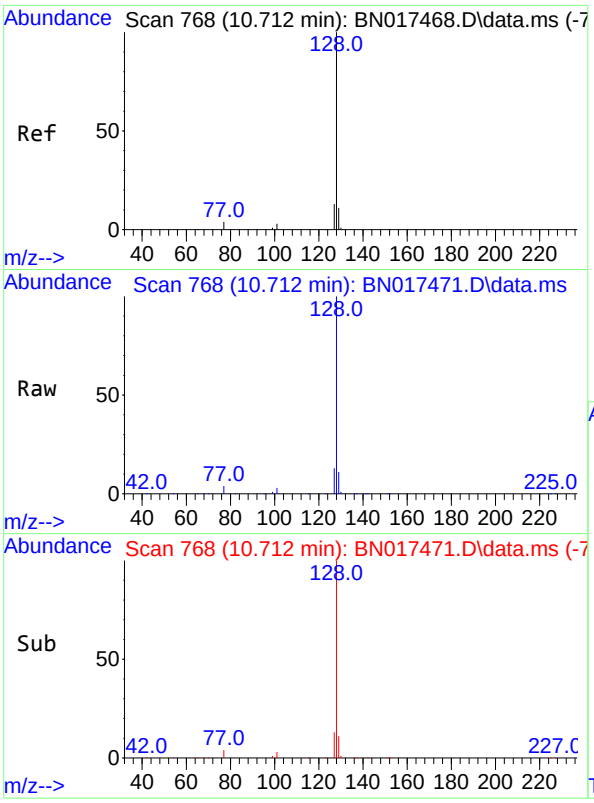


#8
Nitrobenzene-d5
Concen: 3.682 ng
RT: 9.014 min Scan# 634
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion: 82 Resp: 252217

Ion	Ratio	Lower	Upper
82	100		
128	32.6	27.7	41.5
54	57.8	49.2	73.8



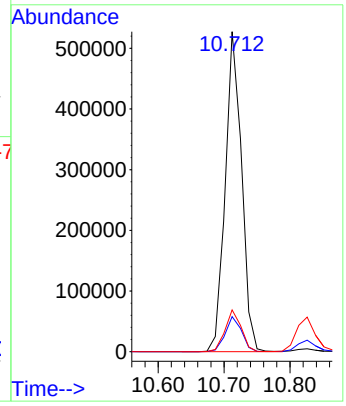


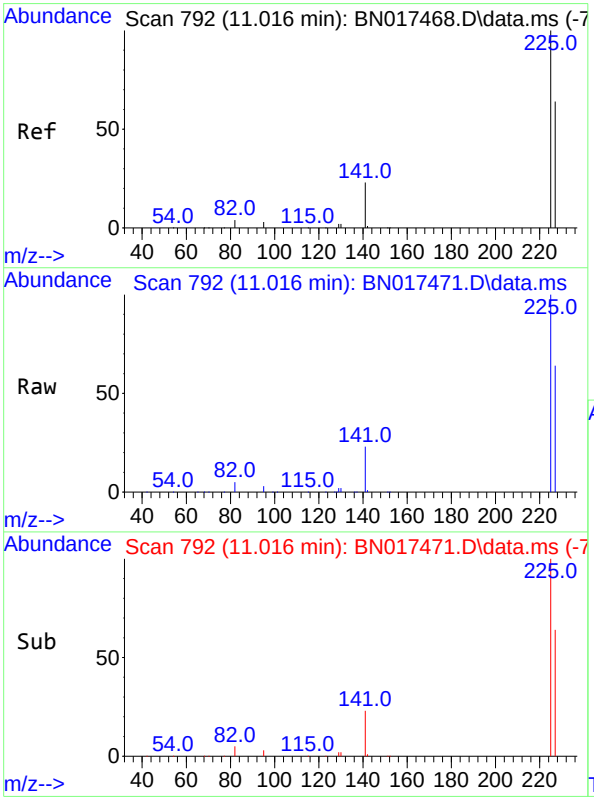
#9
Naphthalene
Concen: 3.012 ng
RT: 10.712 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 905884

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.6	15.8

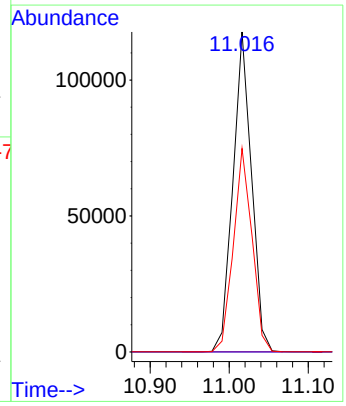


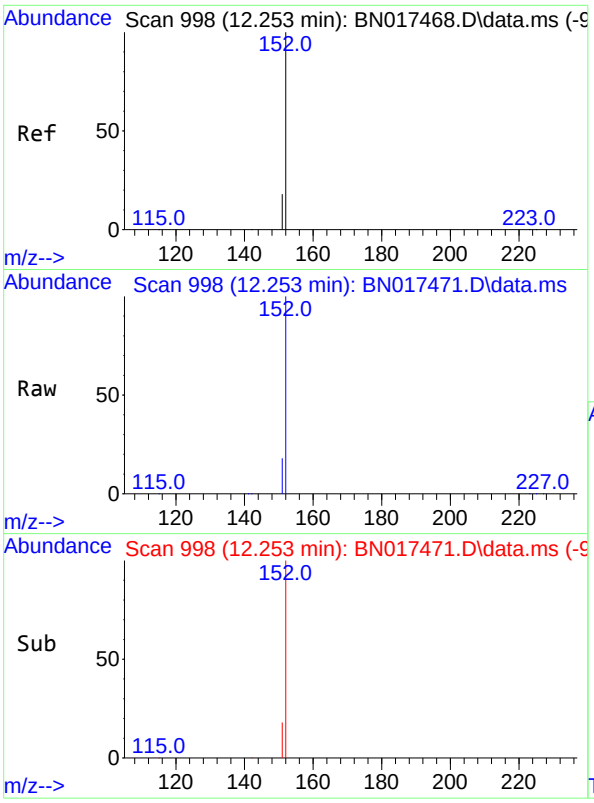


#10
Hexachlorobutadiene
Concen: 3.269 ng
RT: 11.016 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:225 Resp: 192703

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



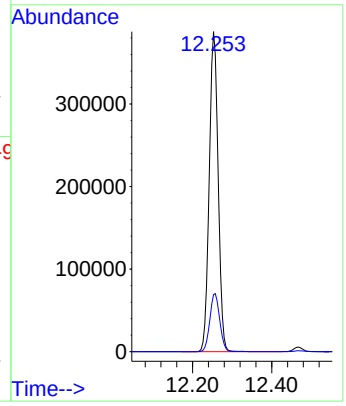


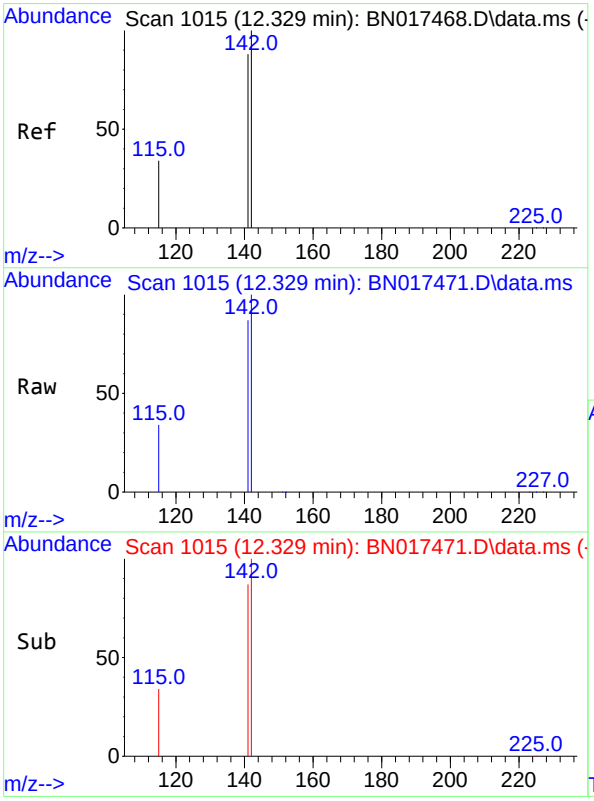
#11
2-Methylnaphthalene-d10
Concen: 3.593 ng
RT: 12.253 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 603736

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

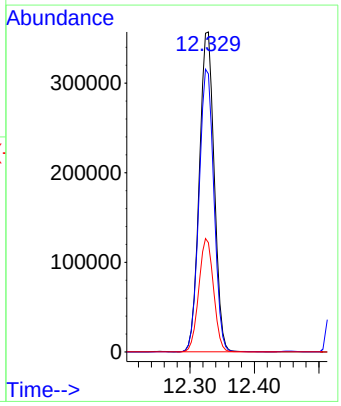


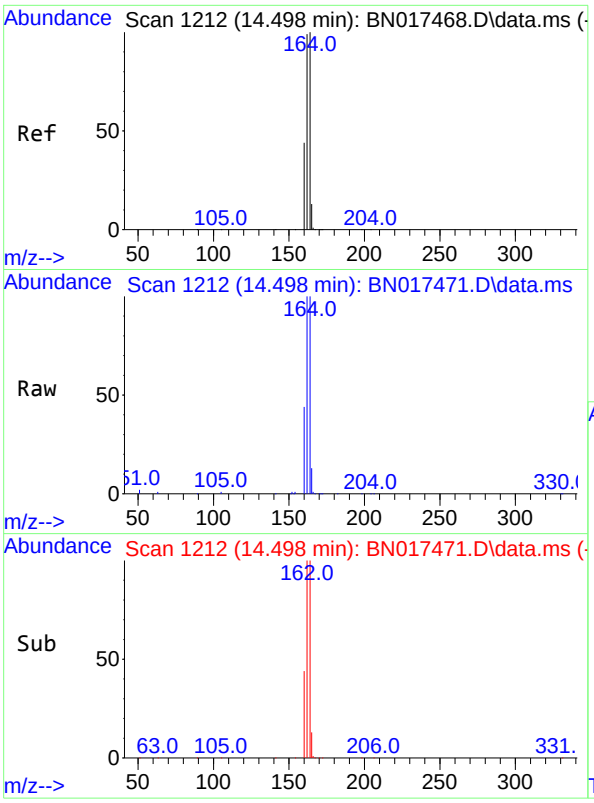


#12
2-Methylnaphthalene
Concen: 2.890 ng
RT: 12.329 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:142 Resp: 571881

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.6	106.0
115	34.1	25.8	38.6



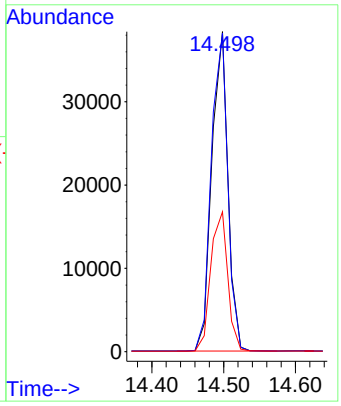


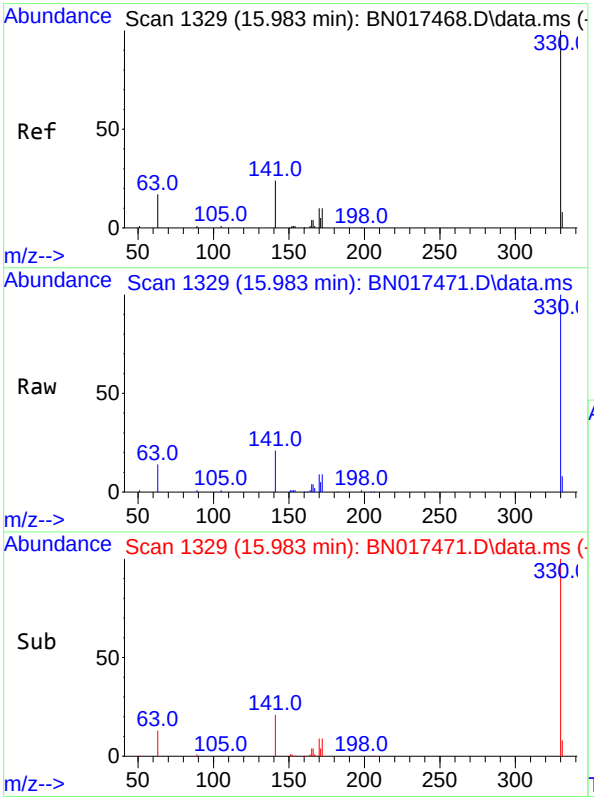
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 59573

Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.4	122.2
160	43.7	36.8	55.2

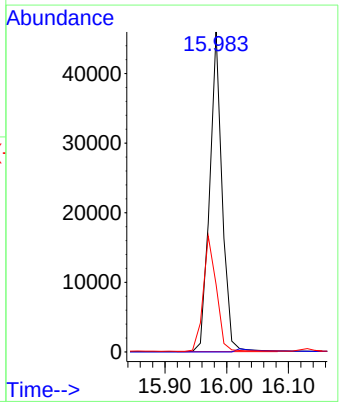


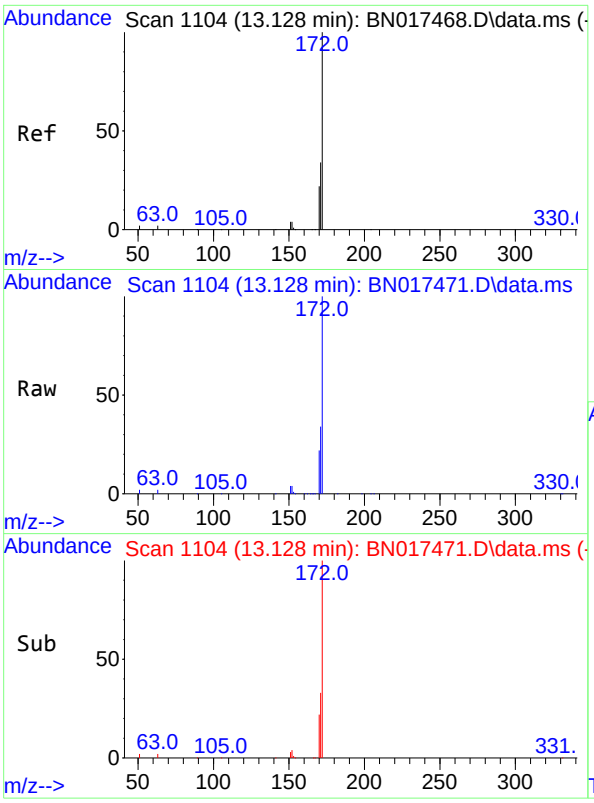


#14
2,4,6-Tribromophenol
Concen: 2.854 ng
RT: 15.983 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:330 Resp: 63469

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	28.9	43.3



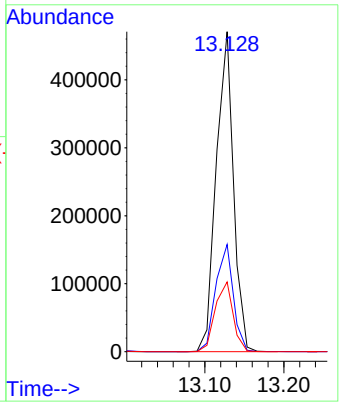


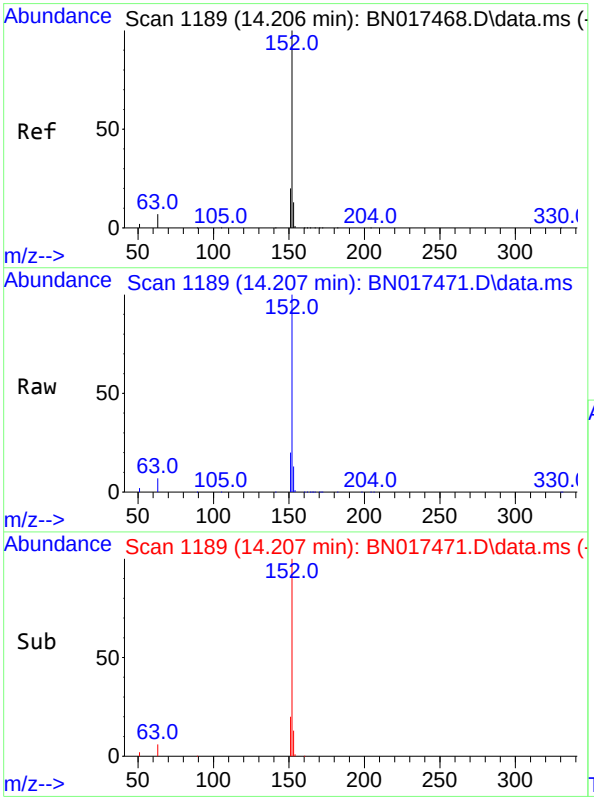
#15
2-Fluorobiphenyl
Concen: 3.146 ng
RT: 13.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 712997

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.7	43.1
170	21.8	19.4	29.2

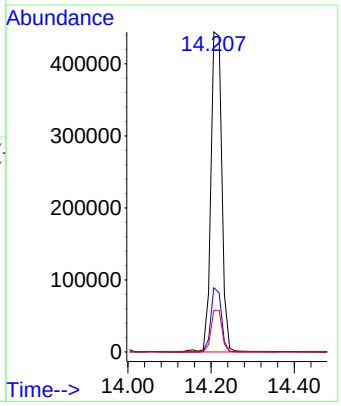


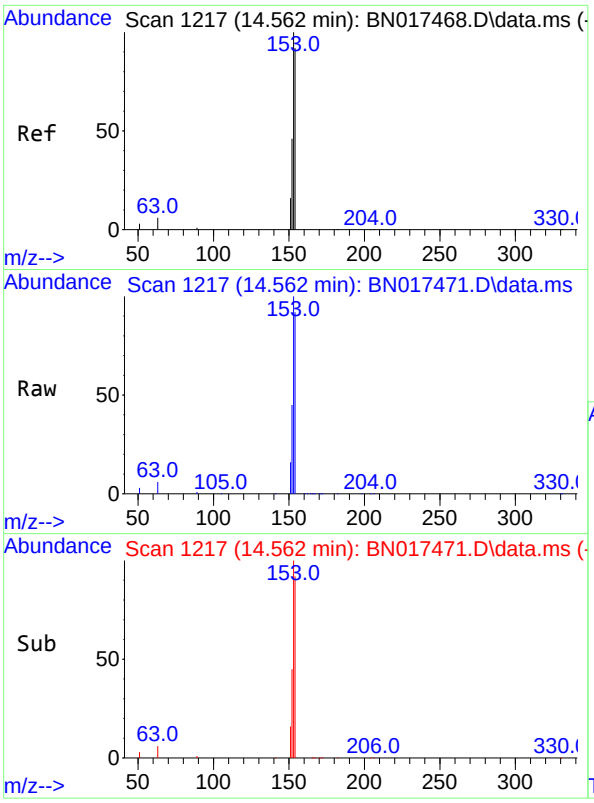


#16
Acenaphthylene
Concen: 3.335 ng
RT: 14.207 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:152 Resp: 809746

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.1	10.4	15.6



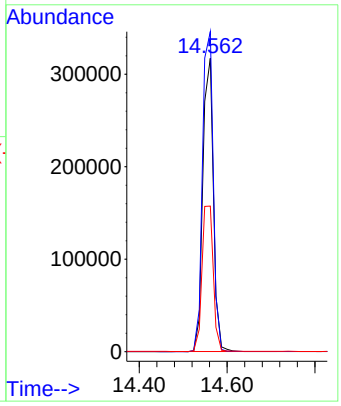


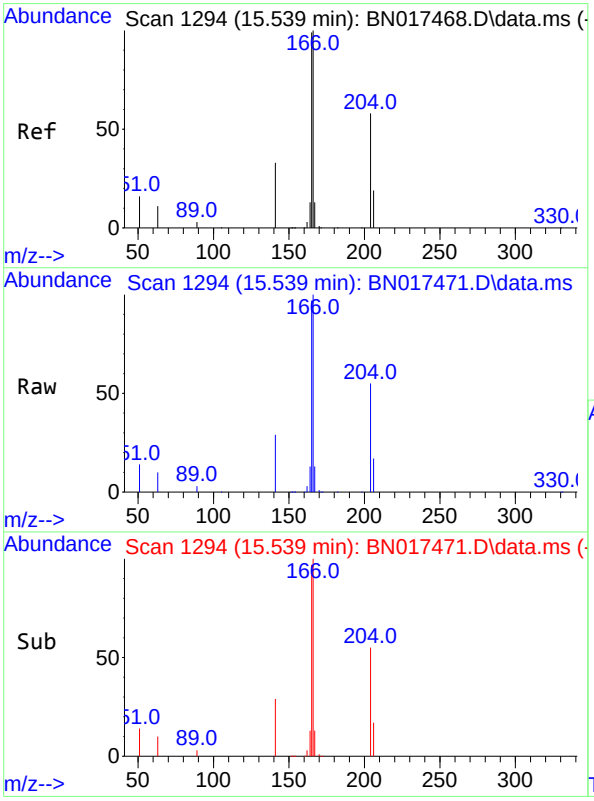
#17
Acenaphthene
Concen: 3.155 ng
RT: 14.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 527619

Ion	Ratio	Lower	Upper
154	100		
153	111.6	91.2	136.8
152	53.1	44.3	66.5

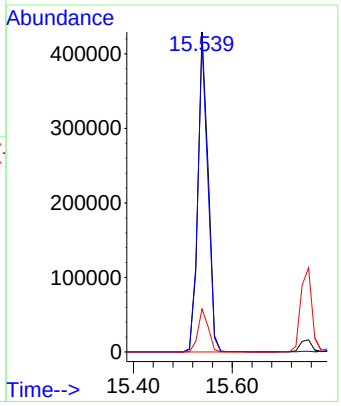


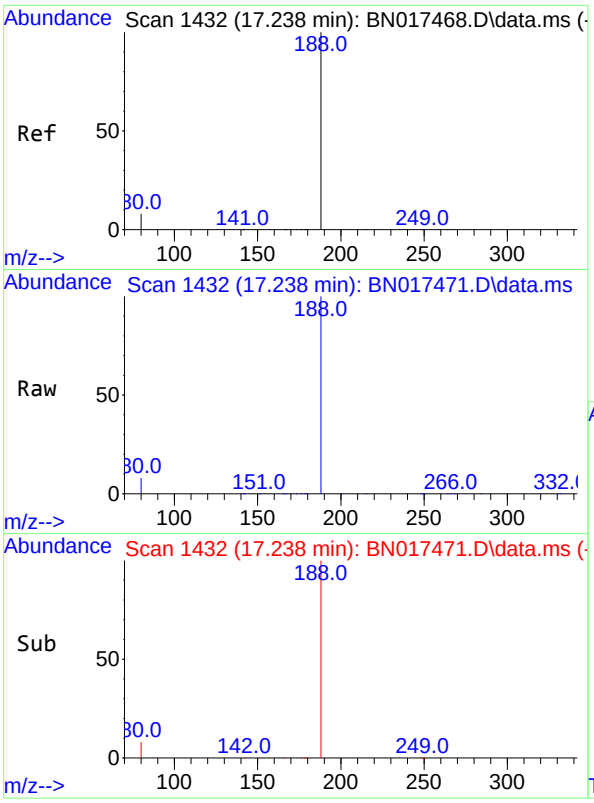


#18
Fluorene
Concen: 3.079 ng
RT: 15.539 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:166 Resp: 614940

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.9	116.9
167	13.5	10.9	16.3



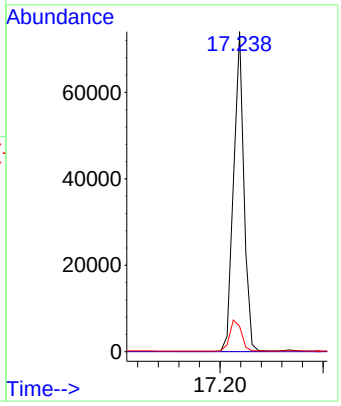


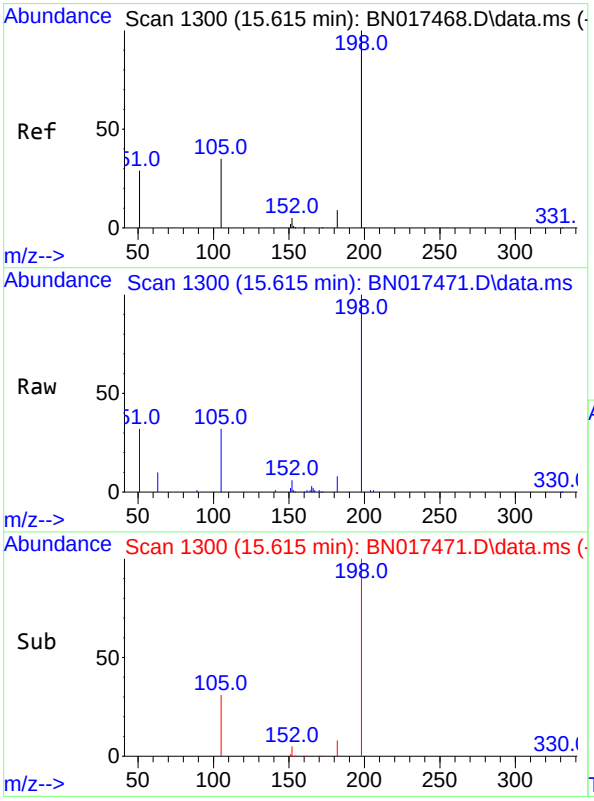
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 103443

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.1	9.1

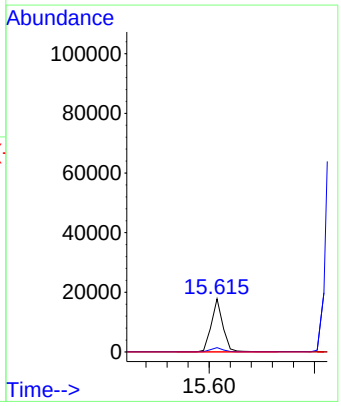


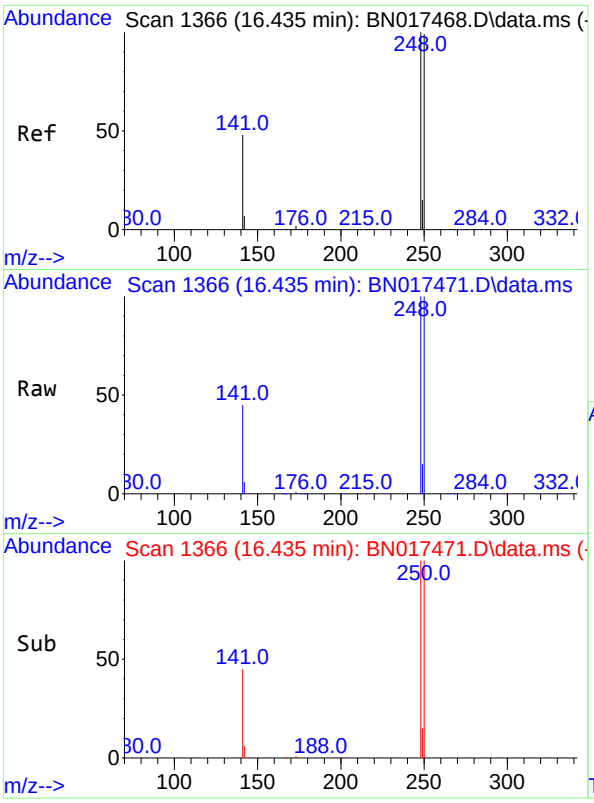


#20
4,6-Dinitro-2-methylphenol
Concen: 2.521 ng
RT: 15.615 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:198 Resp: 26703

Ion	Ratio	Lower	Upper
198	100		
182	8.2	11.4	17.2#
77	0.0	0.0	0.0



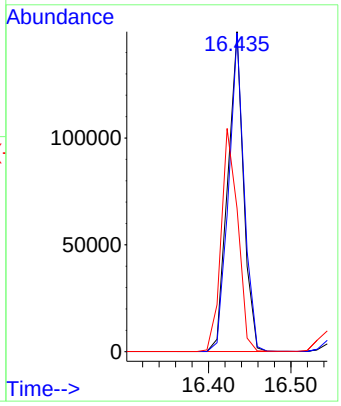


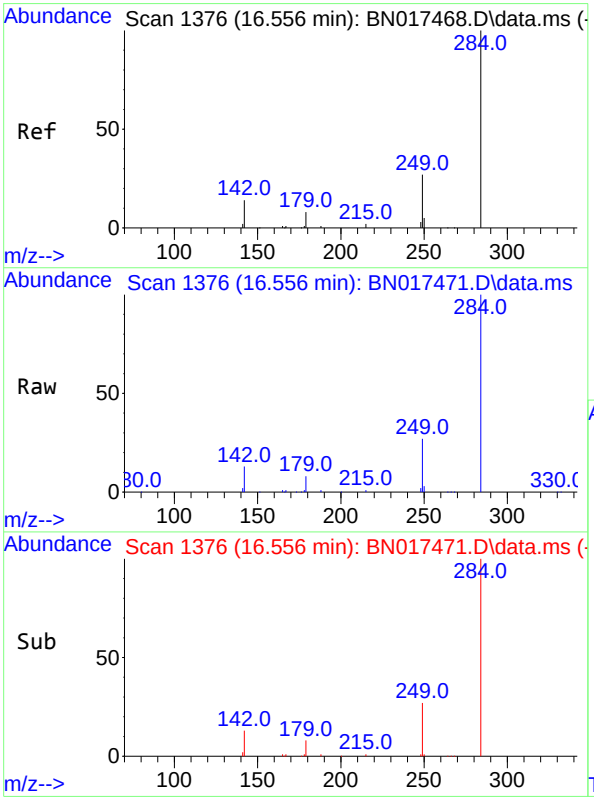
#21
4-Bromophenyl-phenylether
Concen: 3.444 ng
RT: 16.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:248 Resp: 199560

Ion	Ratio	Lower	Upper
248	100		
250	99.6	71.8	107.8
141	44.8	70.9	106.3#

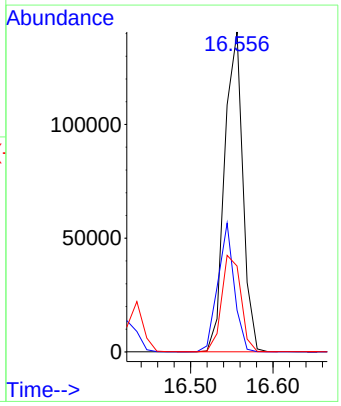


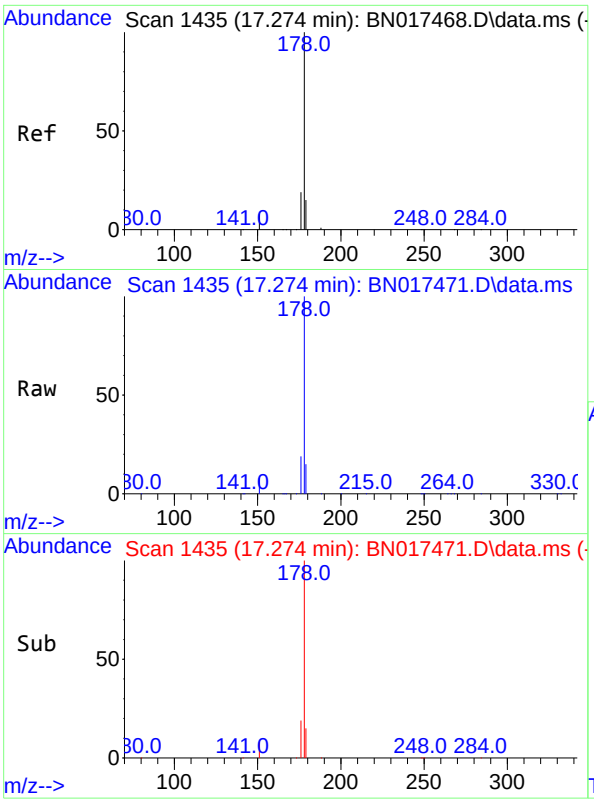


#22
Hexachlorobenzene
Concen: 3.327 ng
RT: 16.556 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:284 Resp: 216079

Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.2	42.2
249	31.8	24.4	36.6



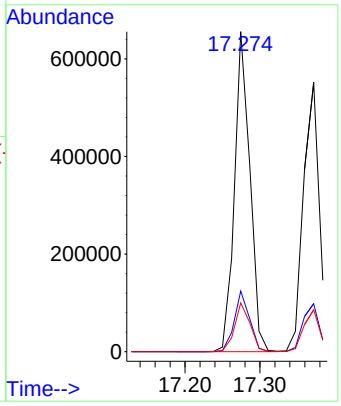


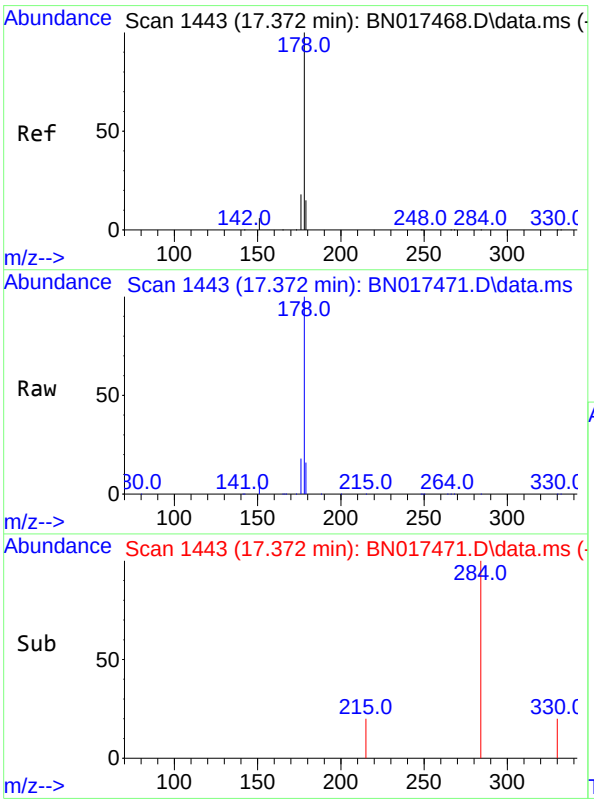
#25
Phenanthrene
Concen: 3.155 ng
RT: 17.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 935180

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.3	18.5

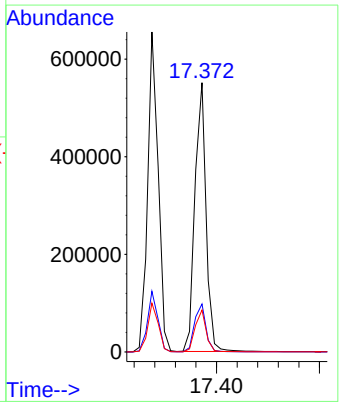


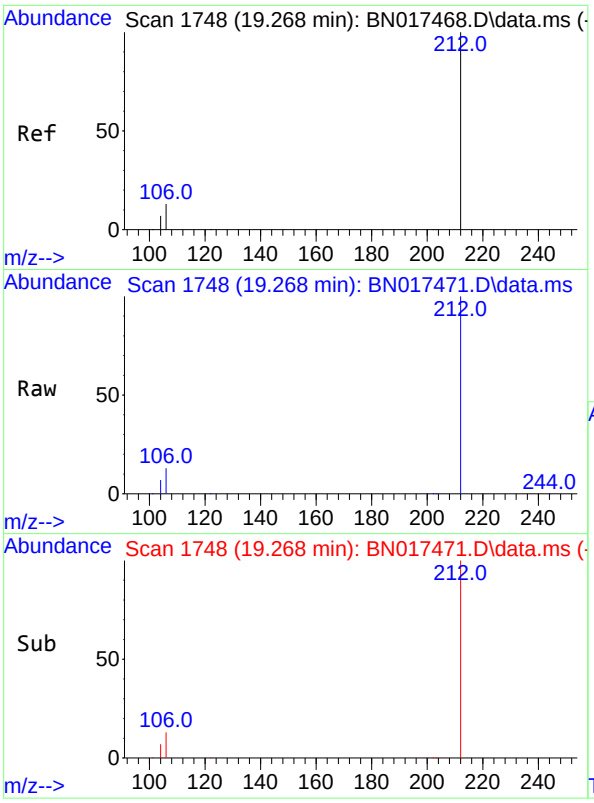


#26
Anthracene
Concen: 3.376 ng
RT: 17.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:178 Resp: 833728

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.4	12.2	18.4



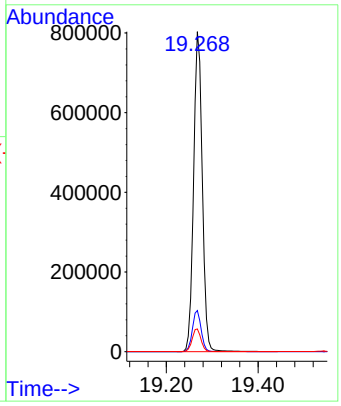


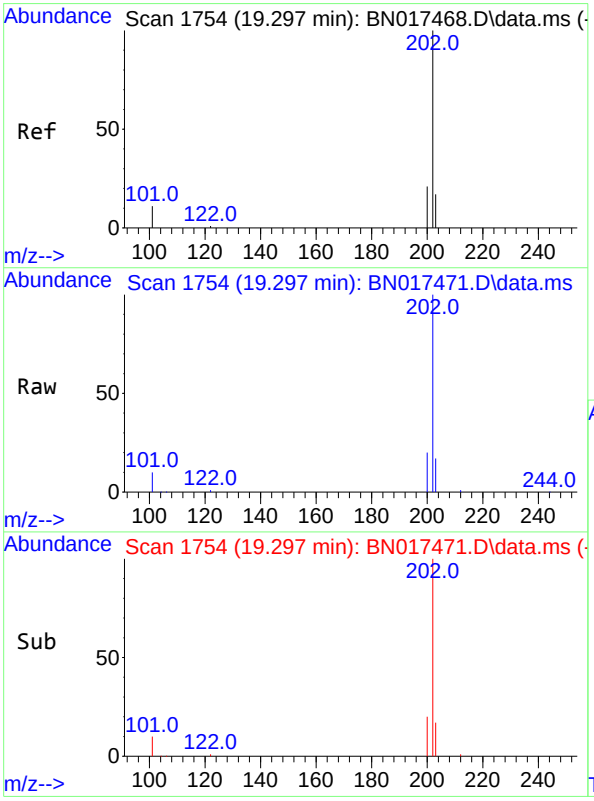
#27
Fluoranthene-d10
Concen: 3.988 ng
RT: 19.268 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 1051877

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.5	15.7
104	7.2	5.8	8.6

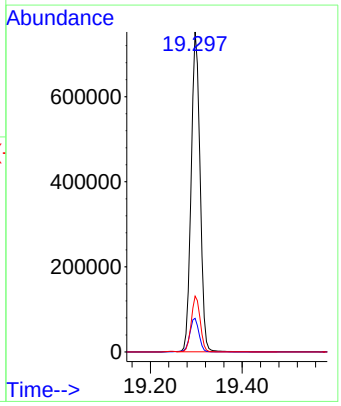


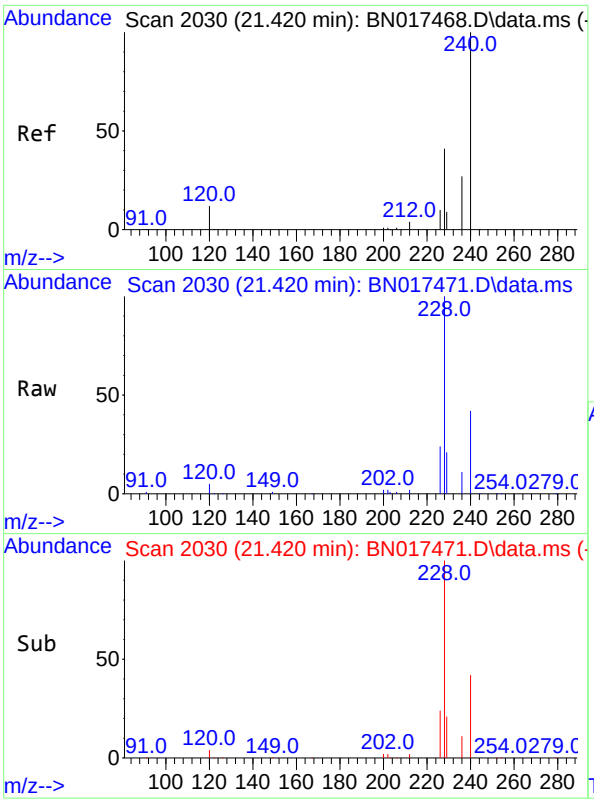


#28
Fluoranthene
Concen: 3.161 ng
RT: 19.297 min Scan# 1754
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:202 Resp: 1010824

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.5	13.8	20.6



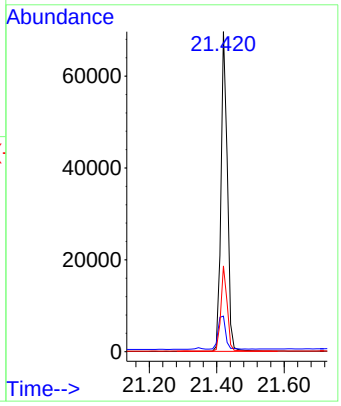


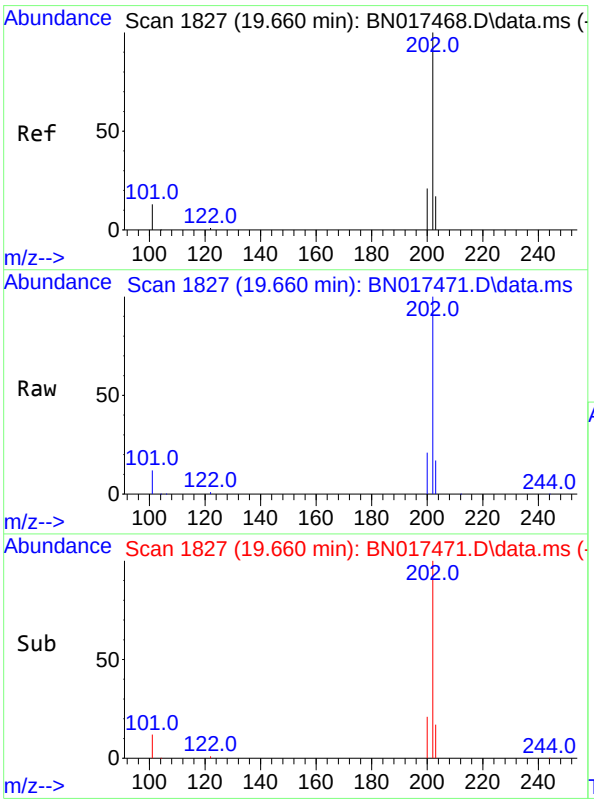
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.420 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 90895

Ion	Ratio	Lower	Upper
240	100		
120	11.1	4.2	6.2#
236	26.8	20.0	30.0

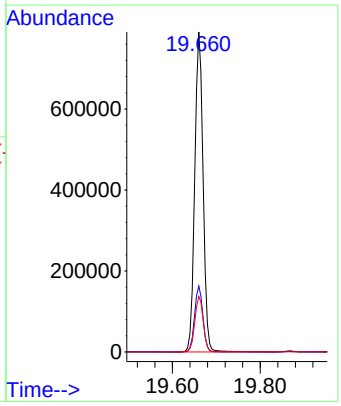


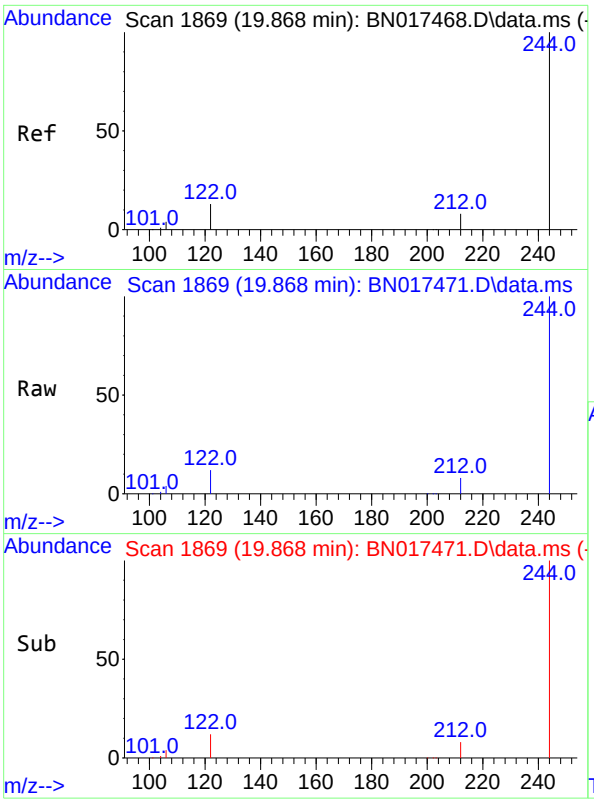


#30
Pyrene
Concen: 3.539 ng
RT: 19.660 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:202 Resp: 1039410

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	14.0	21.0



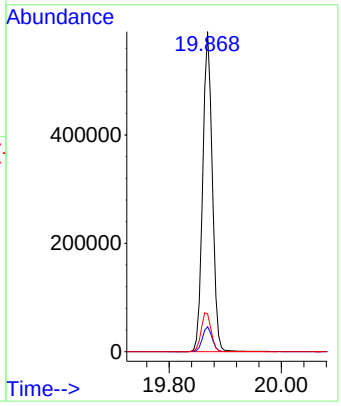


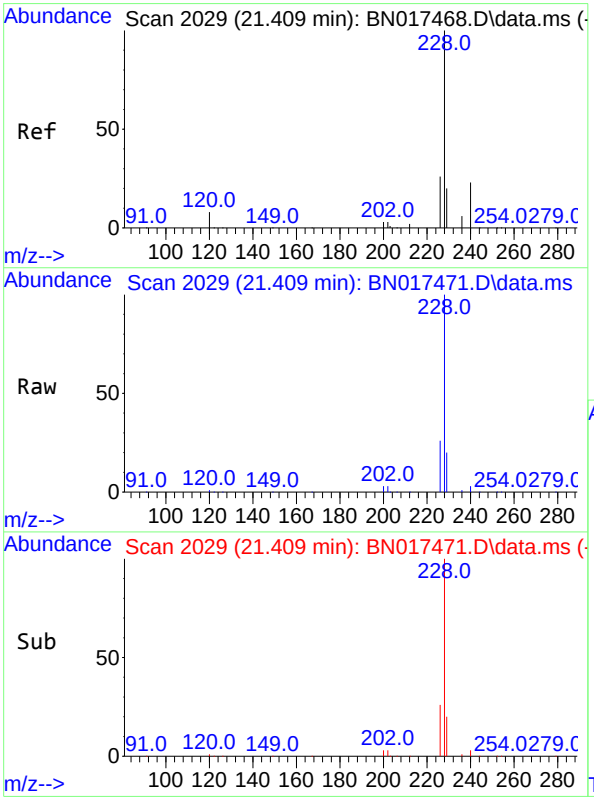
#31
Terphenyl-d14
Concen: 3.450 ng
RT: 19.868 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 698556

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.7	8.5
122	11.9	8.6	13.0

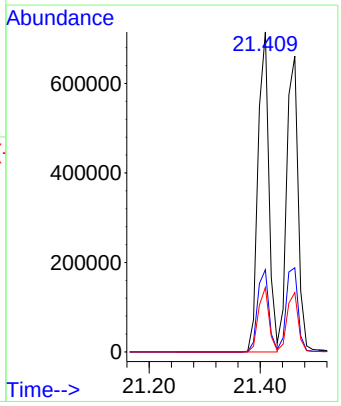


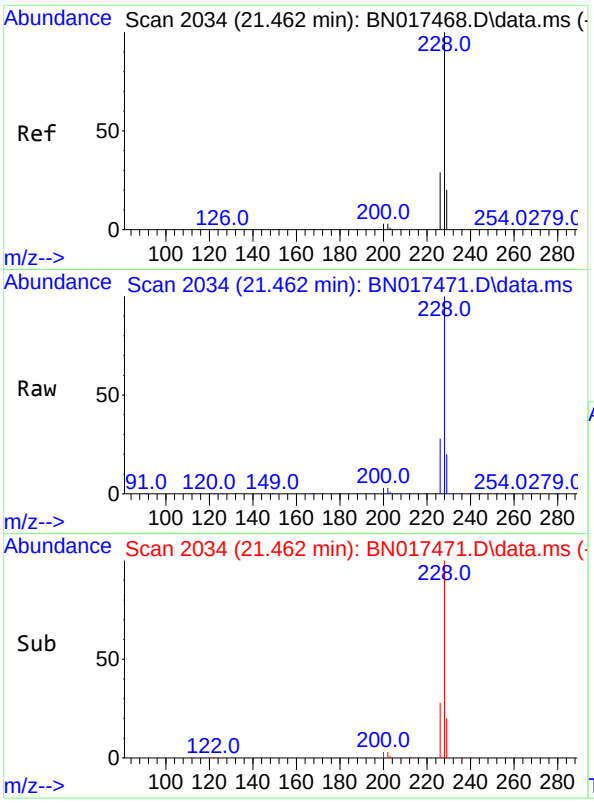


#32
Benzo(a)anthracene
Concen: 3.519 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:228 Resp: 970564

Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.3	31.9
229	20.1	15.7	23.5



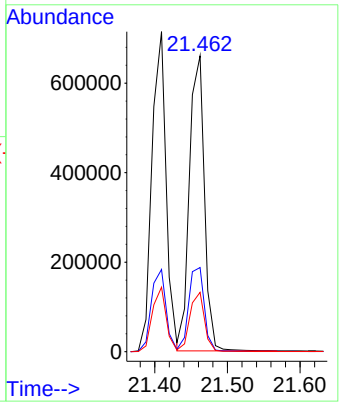


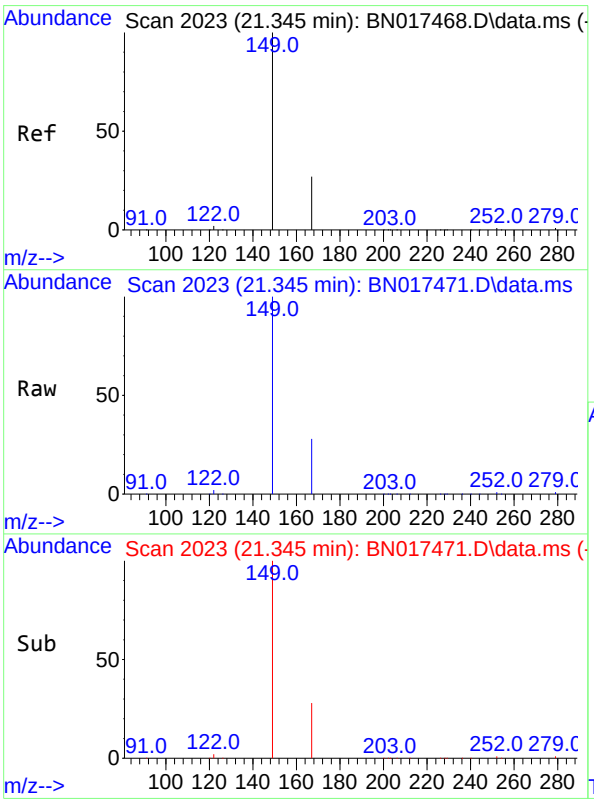
#33
Chrysene
Concen: 3.219 ng
RT: 21.462 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 944836

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.3	34.9
229	20.1	15.6	23.4

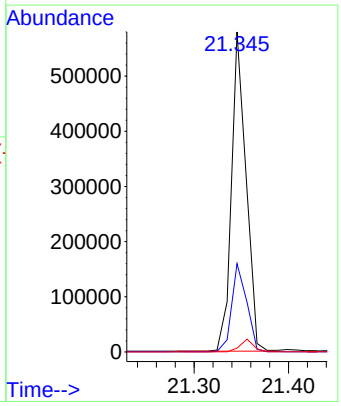


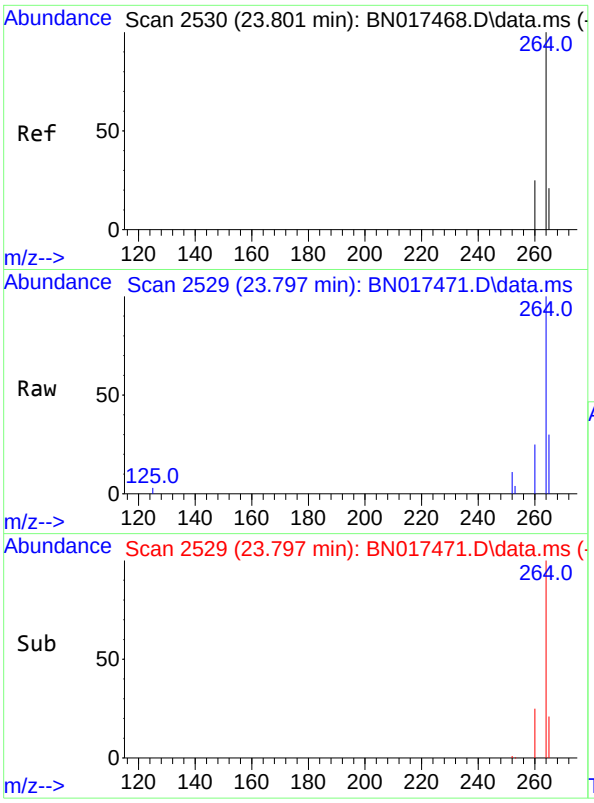


#34
Bis(2-ethylhexyl)phthalate
Concen: 6.392 ng
RT: 21.345 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:149 Resp: 622009

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.6
279	3.7	3.4	5.0



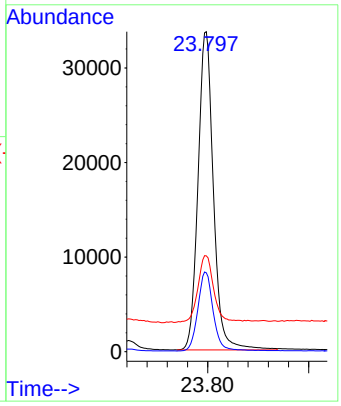


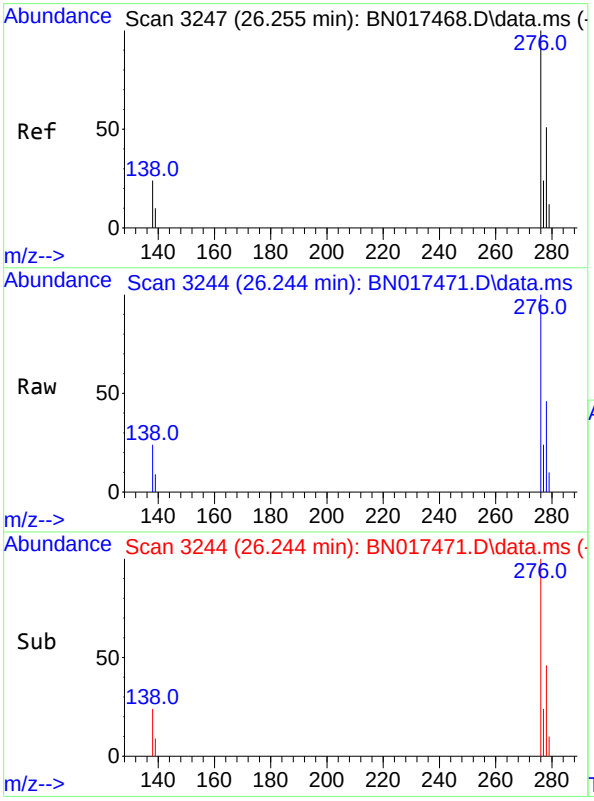
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.797 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 71266

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	30.0	18.6	28.0#

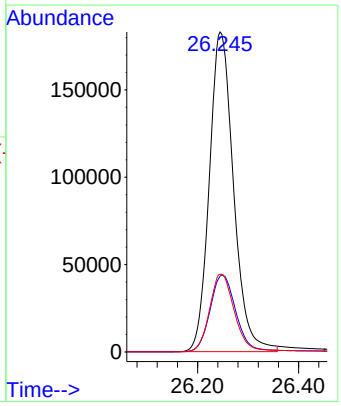


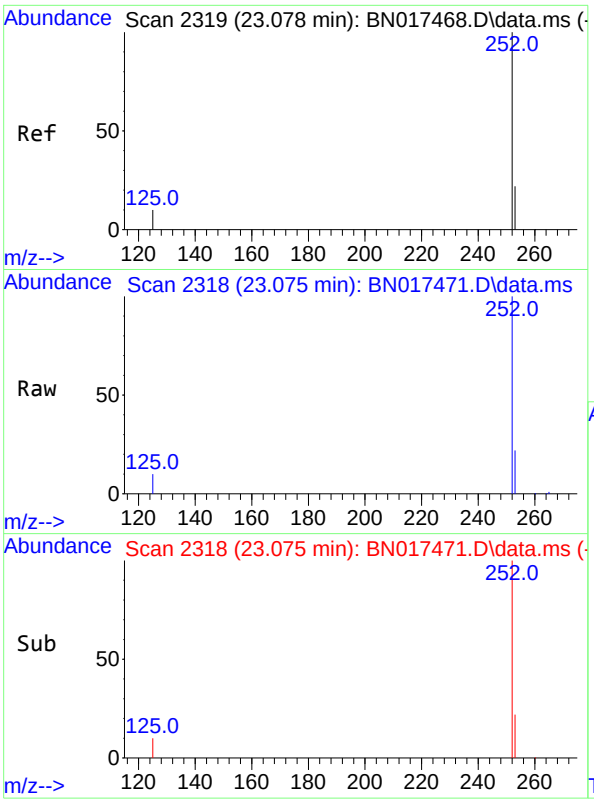


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.444 ng
RT: 26.244 min Scan# 3244
Delta R.T. -0.010 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:276 Resp: 609703

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.7	29.5
277	24.9	20.0	30.0



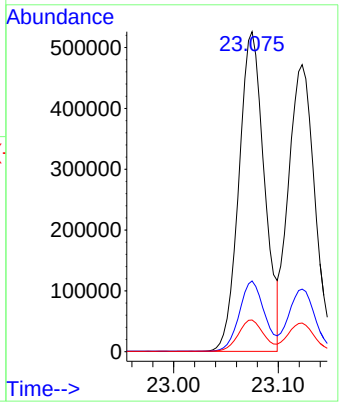


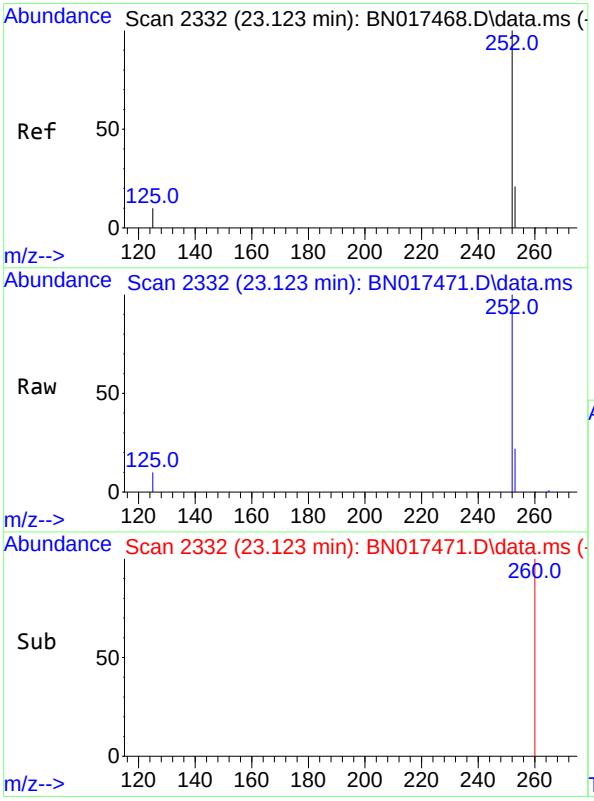
#37
Benzo(b)fluoranthene
Concen: 3.816 ng
RT: 23.075 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 888895

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	9.9	7.8	11.8

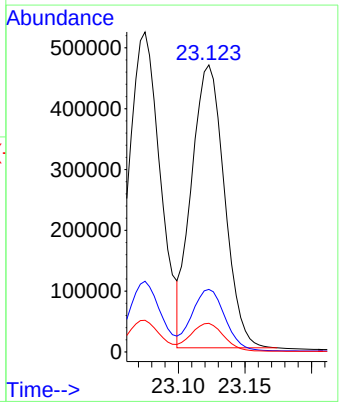


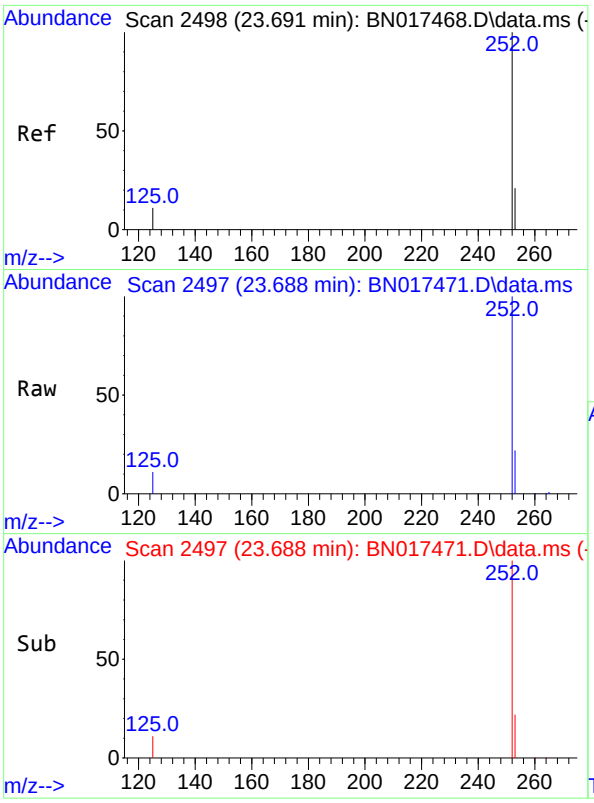


#38
Benzo(k)fluoranthene
Concen: 3.439 ng
RT: 23.123 min Scan# 2332
Delta R.T. 0.000 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:252 Resp: 801431

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.0	8.2	12.2



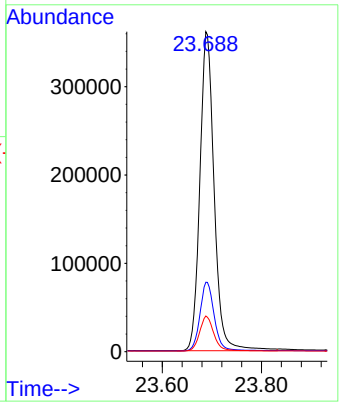


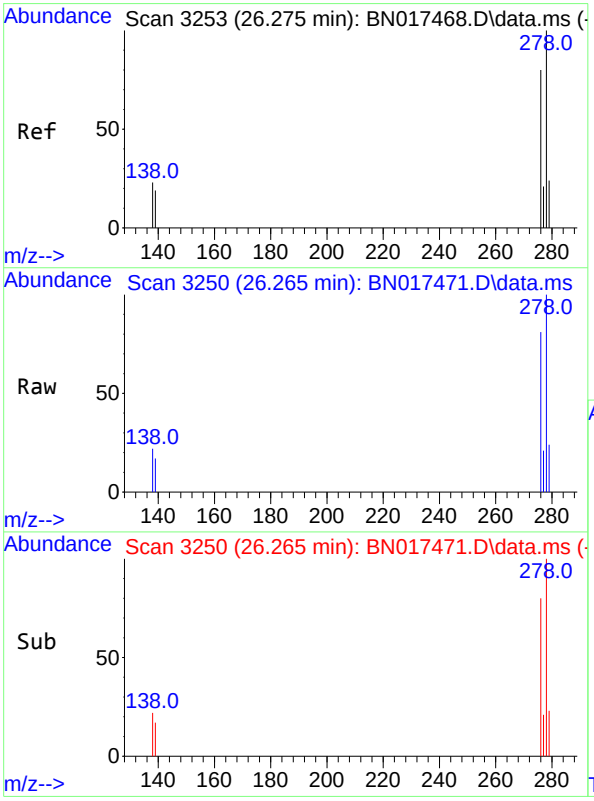
#39
Benzo(a)pyrene
Concen: 3.501 ng
RT: 23.688 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 721985

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	11.1	9.2	13.8

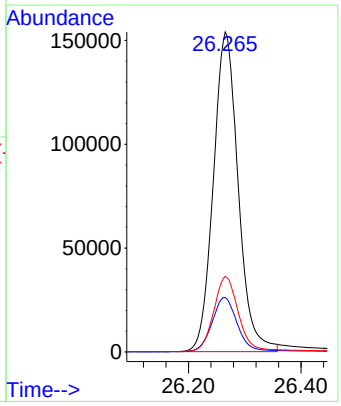


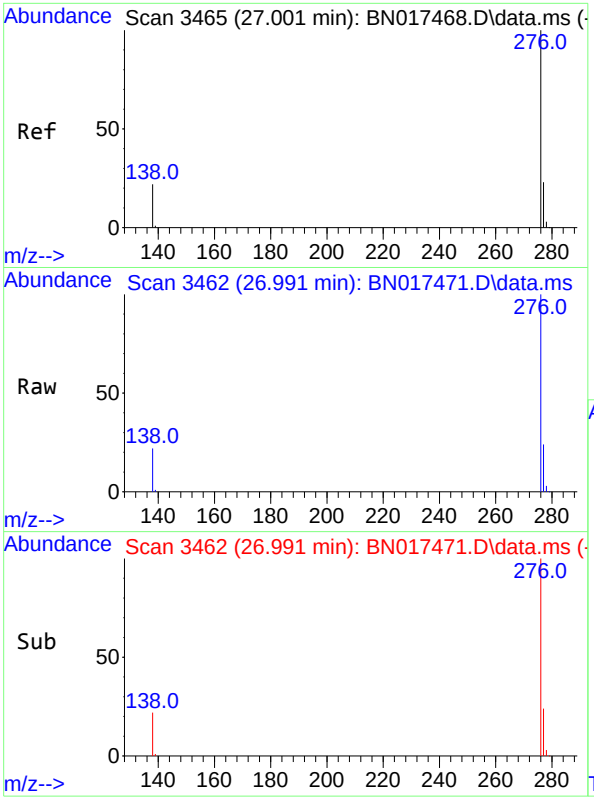


#40
Dibenzo(a,h)anthracene
Concen: 2.343 ng
RT: 26.265 min Scan# 3250
Delta R.T. -0.010 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Tgt Ion:278 Resp: 470322

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.6
279	23.6	19.2	28.8





#41
Benzo(g,h,i)perylene
Concen: 2.547 ng
RT: 26.991 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN017471.D
Acq: 16 Nov 2021 11:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 551227

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.1	17.1	25.7