Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021503.D
Acq On : 01 Sep 2022 00:01
Operator : CG/JU
Sample : PB147218BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Quant Time: Sep 01 03:23:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4944	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	15403	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	8497	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	17922	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	13187	0.400	ng	# 0.00
35) Perylene-d12	24.182	264	9533	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4240	0.438	ng	0.00
5) Phenol-d6	7.217	99	5244	0.425	ng	0.00
8) Nitrobenzene-d5	9.243	82	4147	0.399	ng	-0.01
11) 2-Methylnaphthalene-d10	12.490	152	15721	0.453	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	1079	0.387	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15415	0.415	ng	-0.01
27) Fluoranthene-d10	19.501	212	19000	0.412	ng	0.00
31) Terphenyl-d14	20.097	244	13025	0.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2688	0.435	ng	# 89
3) n-Nitrosodimethylamine	3.743	42	2349	0.422	ng	92
6) bis(2-Chloroethyl)ether	7.484	93	6445	0.415	ng	97
9) Naphthalene	10.952	128	18735	0.411	ng	99
10) Hexachlorobutadiene	11.240	225	3266	0.414	ng	# 99
12) 2-Methylnaphthalene	12.183	142	2497	0.455	ng	# 96
16) Acenaphthylene	14.440	152	15856	0.397	ng	100
17) Acenaphthene	14.782	154	11703	0.417	ng	100
18) Fluorene	15.765	166	14483	0.418	ng	100
21) 4-Bromophenyl-phenylether	16.660	248	4497	0.401	ng	# 89
22) Hexachlorobenzene	16.772	284	5559	0.405	ng	99
23) Atrazine	16.926	200	2510	0.384	ng	98
24) Pentachlorophenol	17.121	266	1033	0.453	ng	97
25) Phenanthrene	17.511	178	25171	0.407	ng	100
26) Anthracene	17.603	178	19463	0.396	ng	100
28) Fluoranthene	19.531	202	26226	0.408	ng	100
30) Pyrene	19.898	202	29967	0.426	ng	# 95
32) Benzo(a)anthracene	21.646	228	19218	0.418	ng	99
33) Chrysene	21.700	228	22897	0.419	ng	100
34) Bis(2-ethylhexyl)phtha...	21.557	149	7823	0.423	ng	98
36) Indeno(1,2,3-cd)pyrene	26.837	276	17523	0.407	ng	100
37) Benzo(b)fluoranthene	23.404	252	18878	0.402	ng	98
38) Benzo(k)fluoranthene	23.454	252	18431	0.390	ng	98
39) Benzo(a)pyrene	24.068	252	14185	0.433	ng	98
40) Dibenzo(a,h)anthracene	26.860	278	13939	0.402	ng	96
41) Benzo(g,h,i)perylene	27.653	276	14334	0.377	ng	99

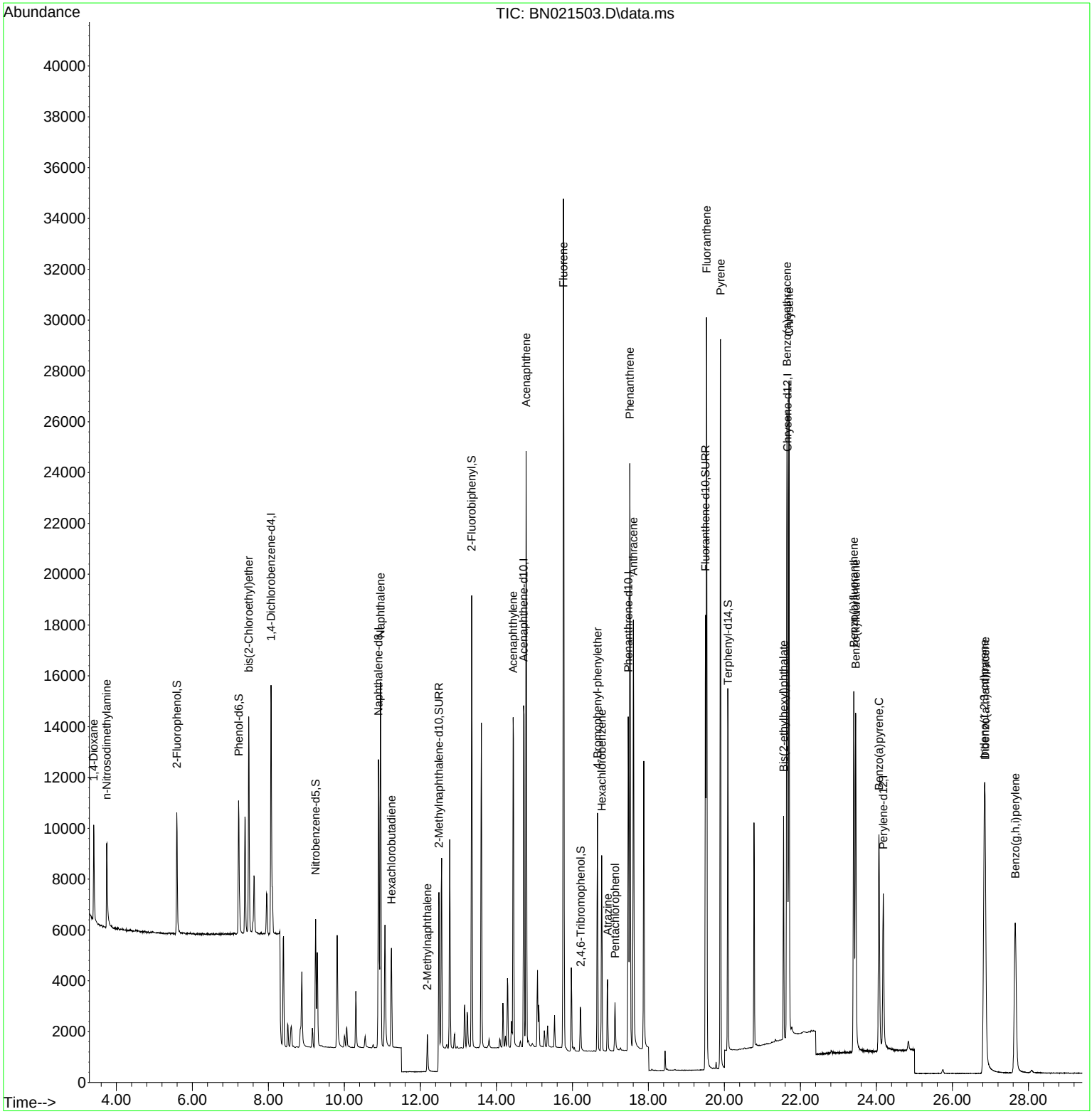
(#) = qualifier out of range (m) = manual integration (+) = signals summed

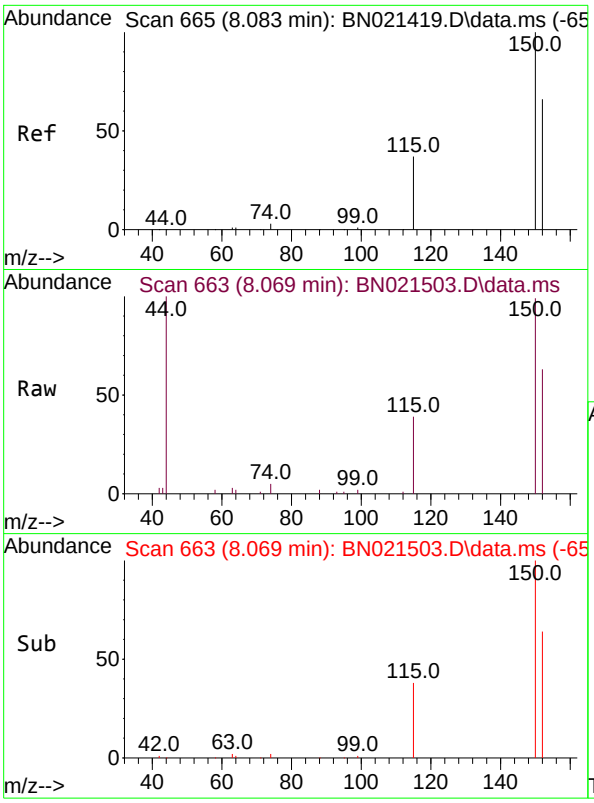
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021503.D
Acq On : 01 Sep 2022 00:01
Operator : CG/JU
Sample : PB147218BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Quant Time: Sep 01 03:23:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration



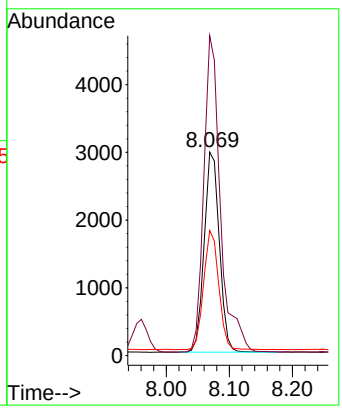


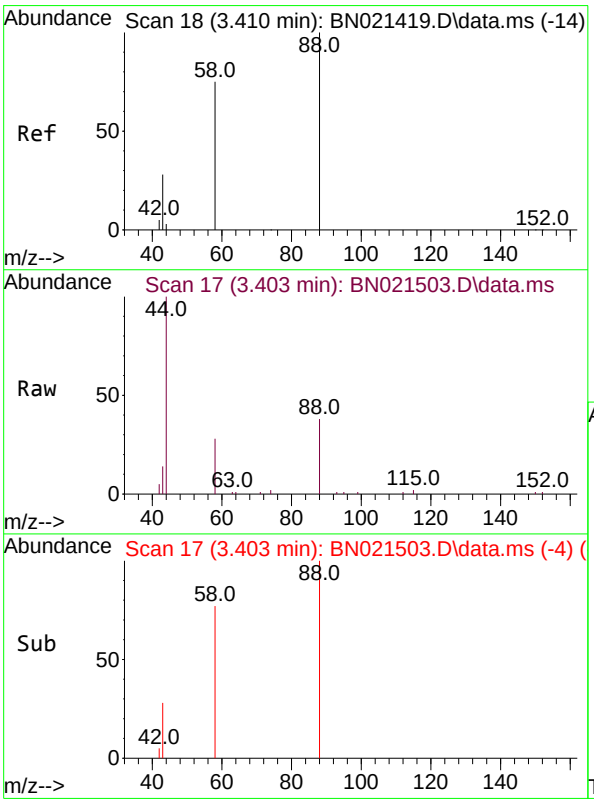
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:152 Resp: 4944

Ion	Ratio	Lower	Upper
152	100		
150	157.3	121.4	182.0
115	61.4	48.6	72.8

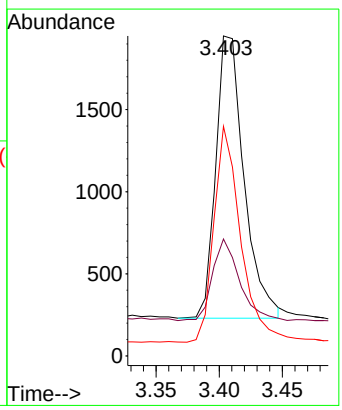


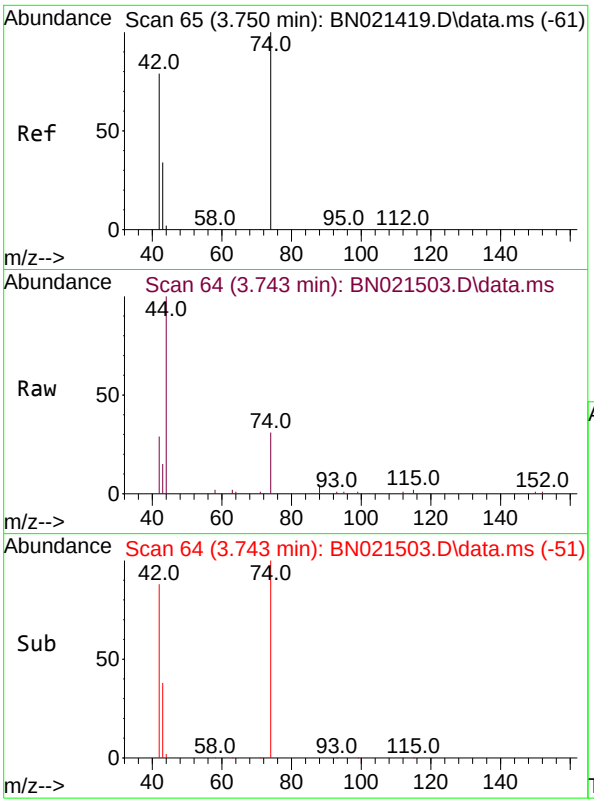


#2
1,4-Dioxane
Concen: 0.435 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion: 88 Resp: 2688

Ion	Ratio	Lower	Upper
88	100		
43	27.5	35.8	53.8#
58	71.8	57.1	85.7



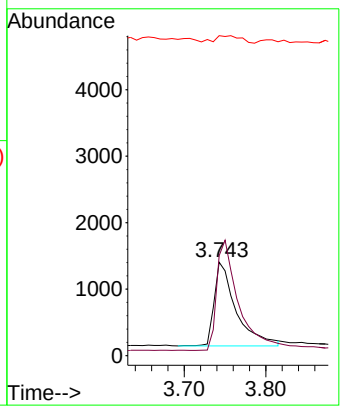


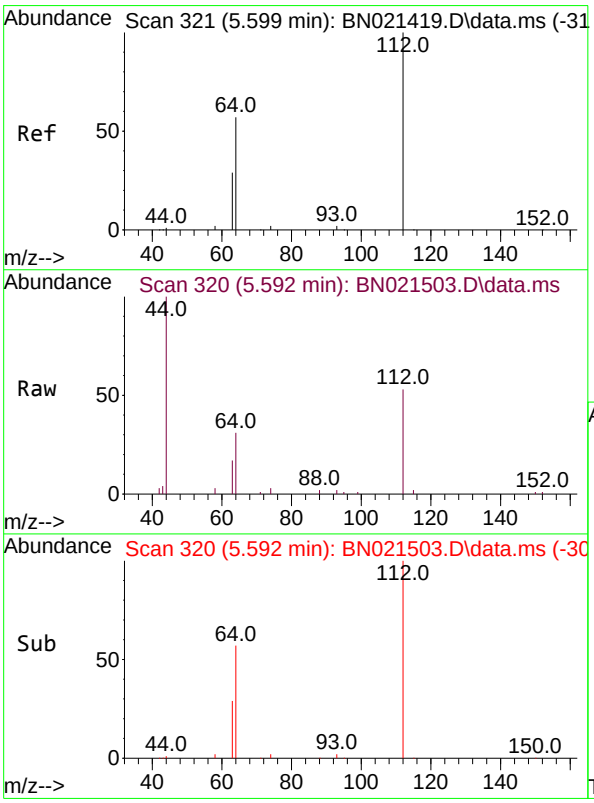
#3
n-Nitrosodimethylamine
Concen: 0.422 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion: 42 Resp: 2349

Ion	Ratio	Lower	Upper
42	100		
74	131.4	113.0	169.6
44	10.7	10.5	15.7

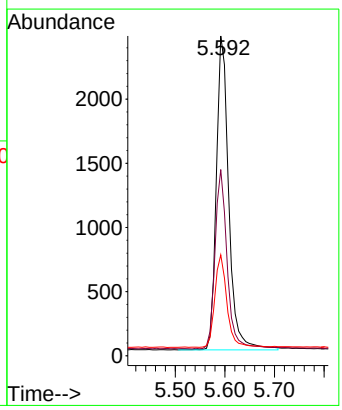


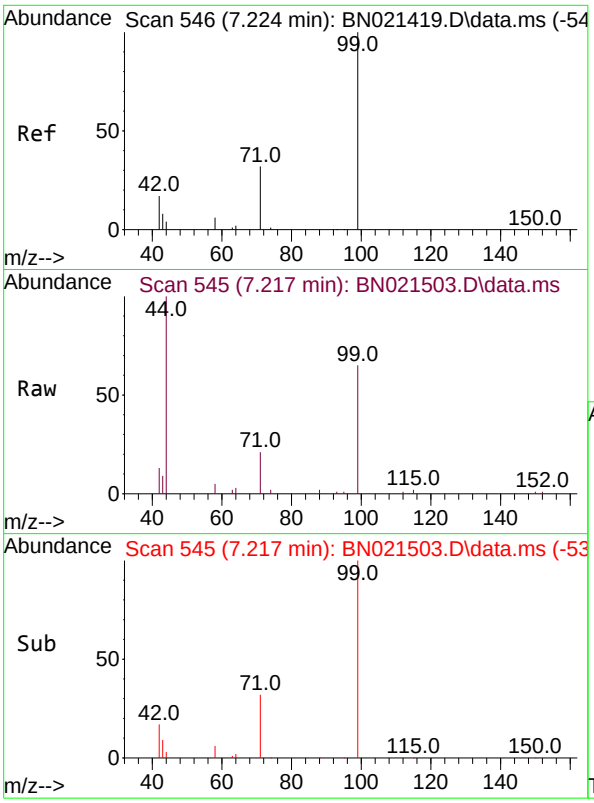


#4
2-Fluorophenol
Concen: 0.438 ng
RT: 5.592 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:112 Resp: 4240

Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.5	65.3
63	28.5	22.6	34.0



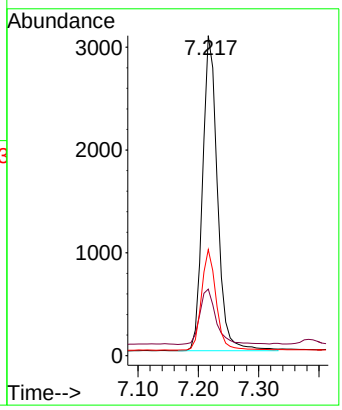


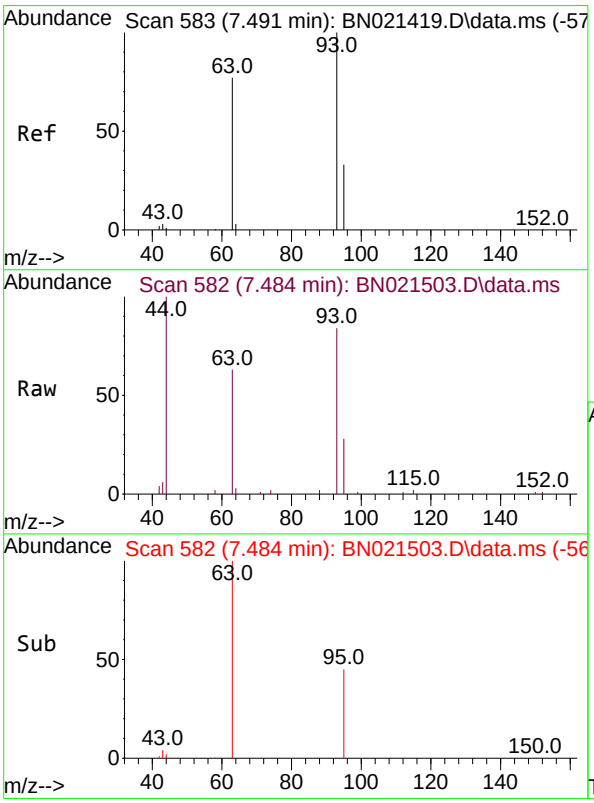
#5
Phenol-d6
Concen: 0.425 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion: 99 Resp: 5244

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.5	23.3
71	31.4	24.2	36.2

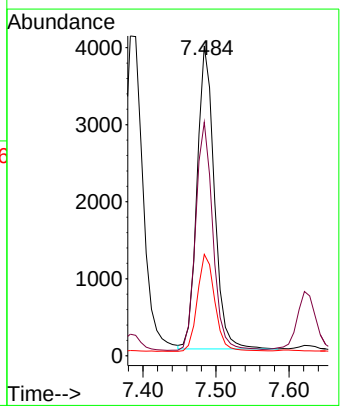


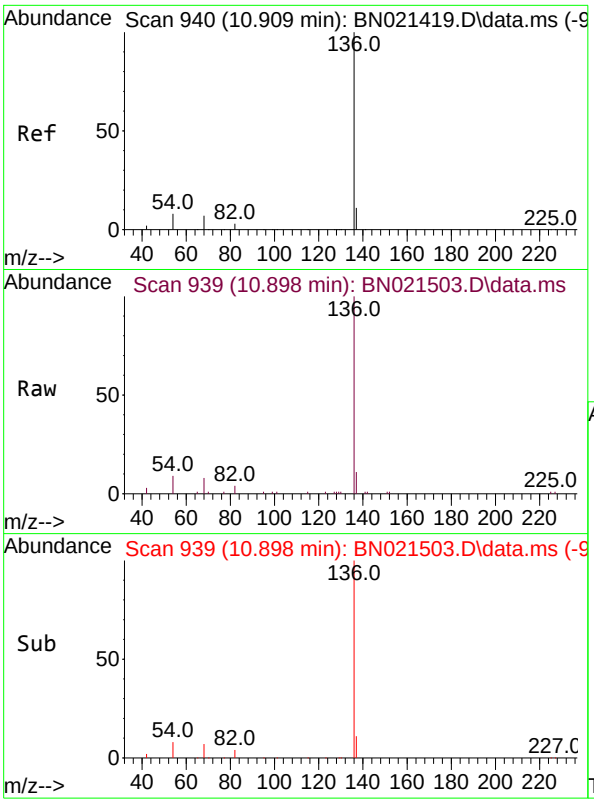


#6
bis(2-Chloroethyl)ether
Concen: 0.415 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion: 93 Resp: 6445

Ion	Ratio	Lower	Upper
93	100		
63	75.3	57.8	86.8
95	32.5	25.9	38.9



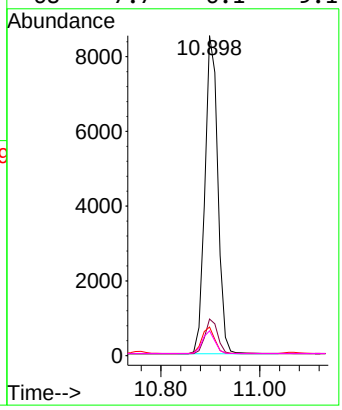


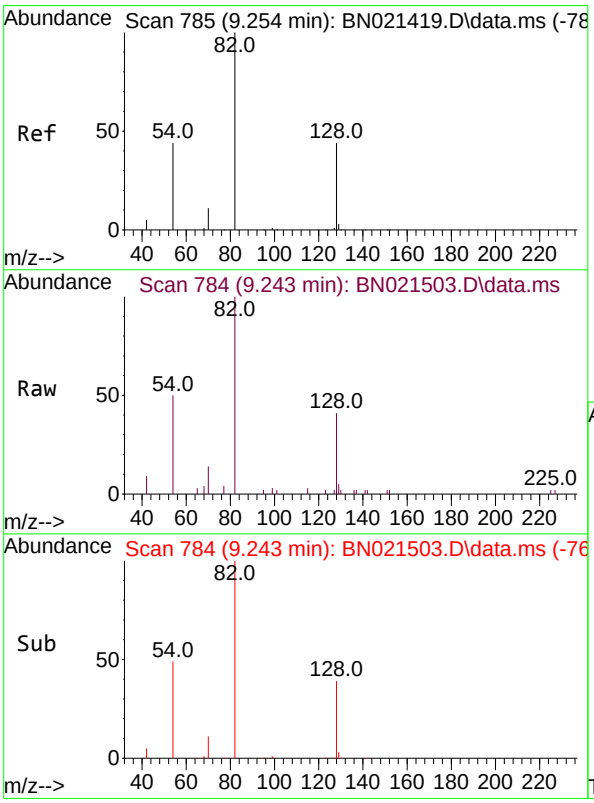
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:136 Resp: 15403

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.9	6.9	10.3
68	7.7	6.1	9.1

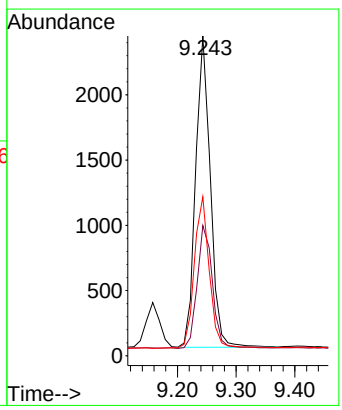


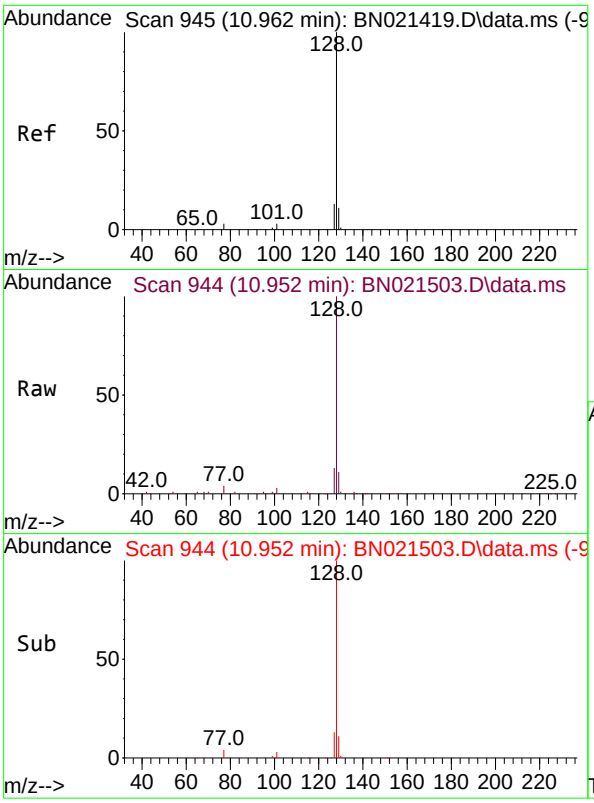


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion: 82 Resp: 4147

Ion	Ratio	Lower	Upper
82	100		
128	40.7	30.9	46.3
54	49.7	42.7	64.1



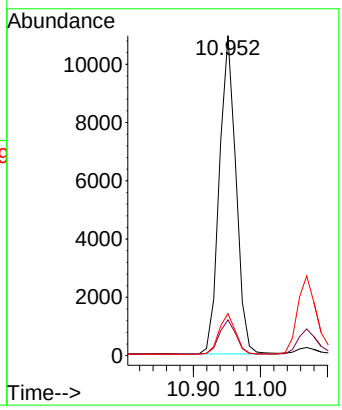


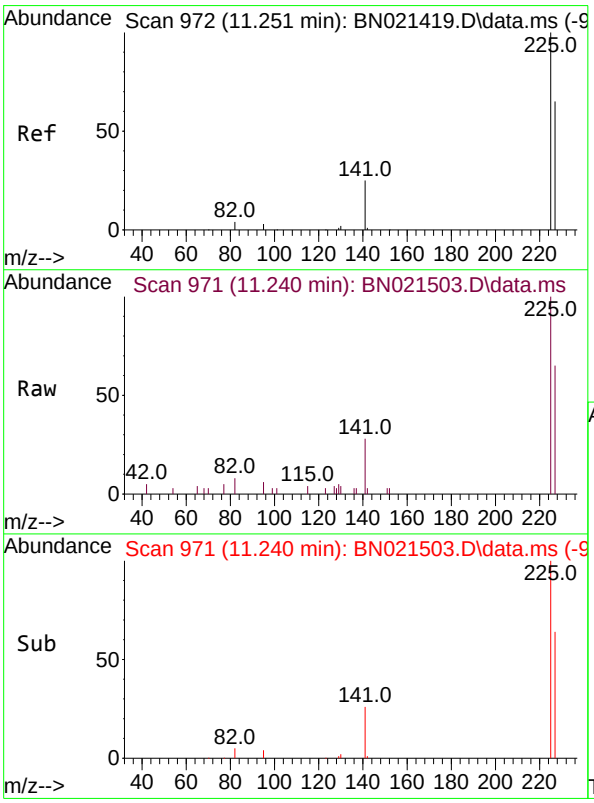
#9
Naphthalene
Concen: 0.411 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:128 Resp: 18735

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.1	11.0	16.4

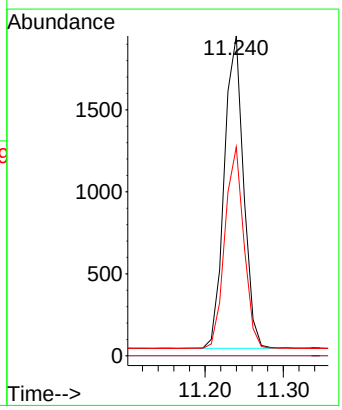


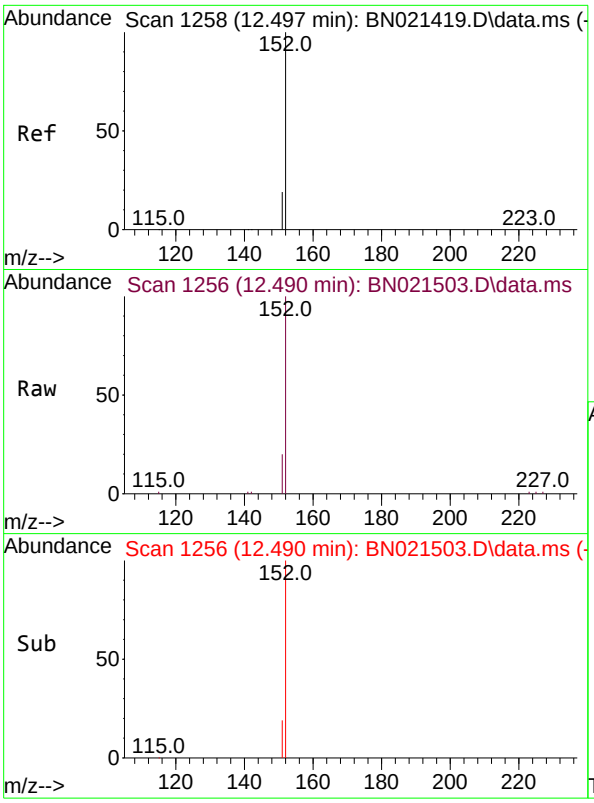


#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:225 Resp: 3266

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8



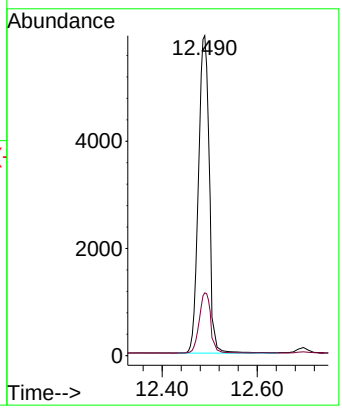


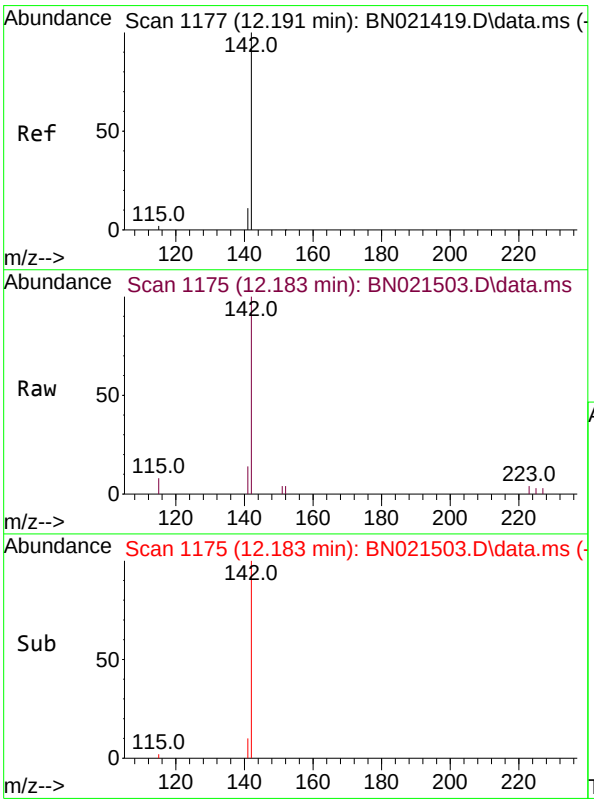
#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 12.490 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:152 Resp: 15721

Ion	Ratio	Lower	Upper
152	100		
151	17.8	14.5	21.7

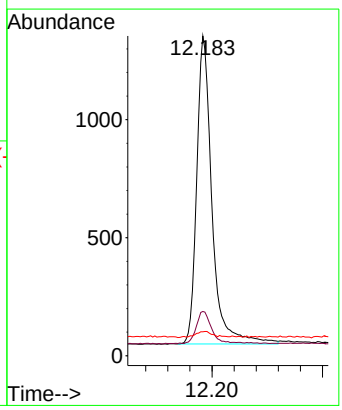


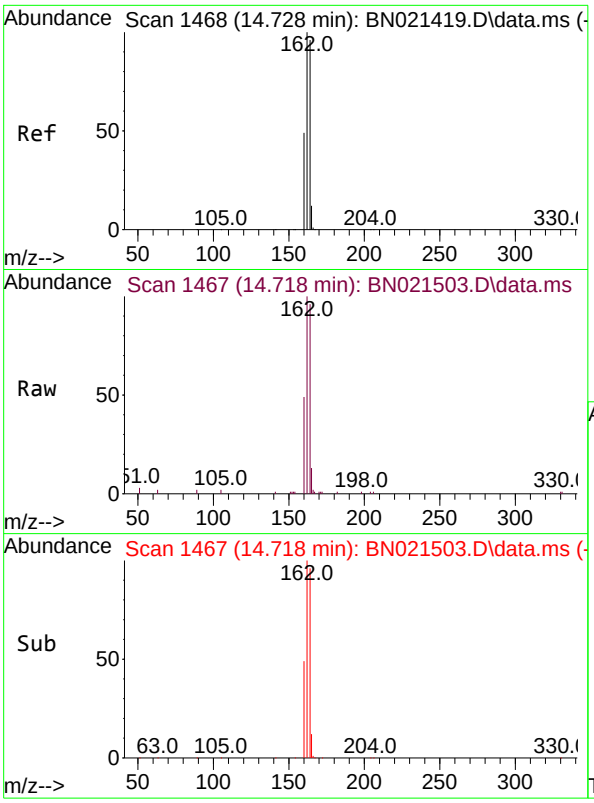


#12
2-Methylnaphthalene
Concen: 0.455 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:142 Resp: 2497

Ion	Ratio	Lower	Upper
142	100		
141	13.9	12.2	18.2
115	7.5	7.9	11.9#



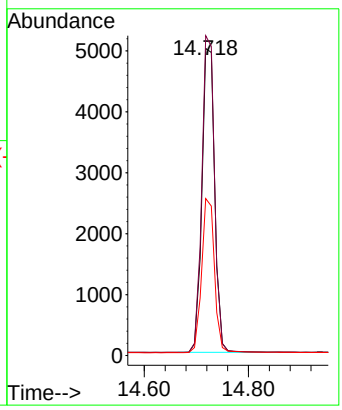


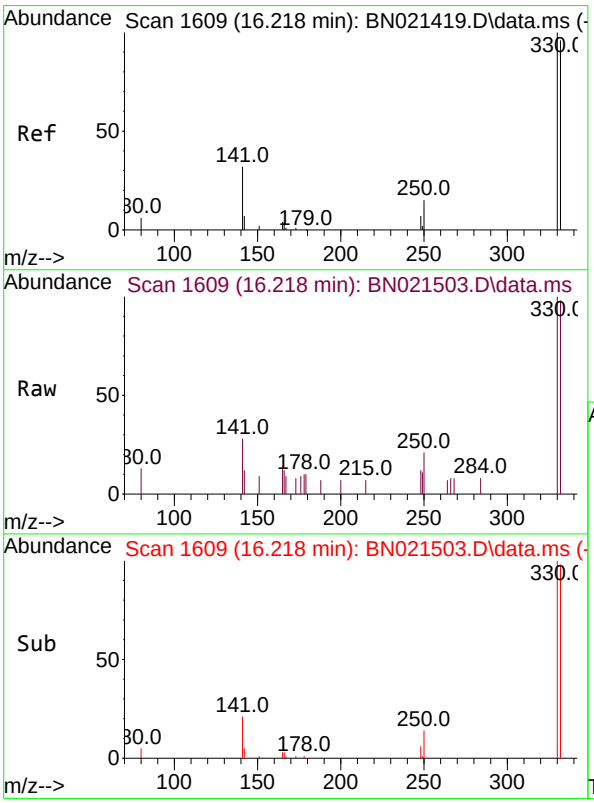
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:164 Resp: 8497

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.4
160	51.1	39.5	59.3

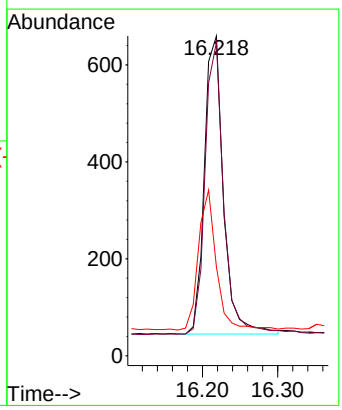


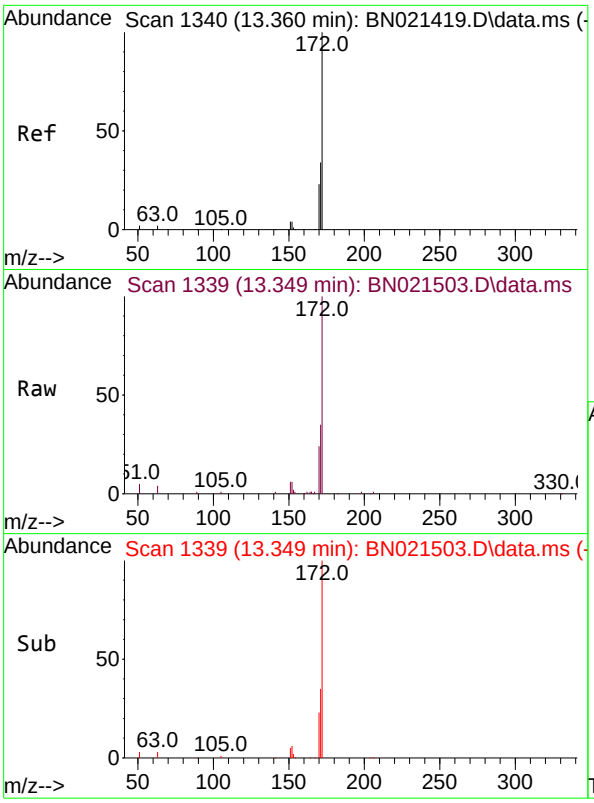


#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.3	118.9
141	43.8	37.1	55.7



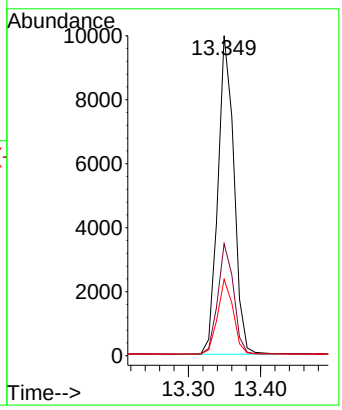


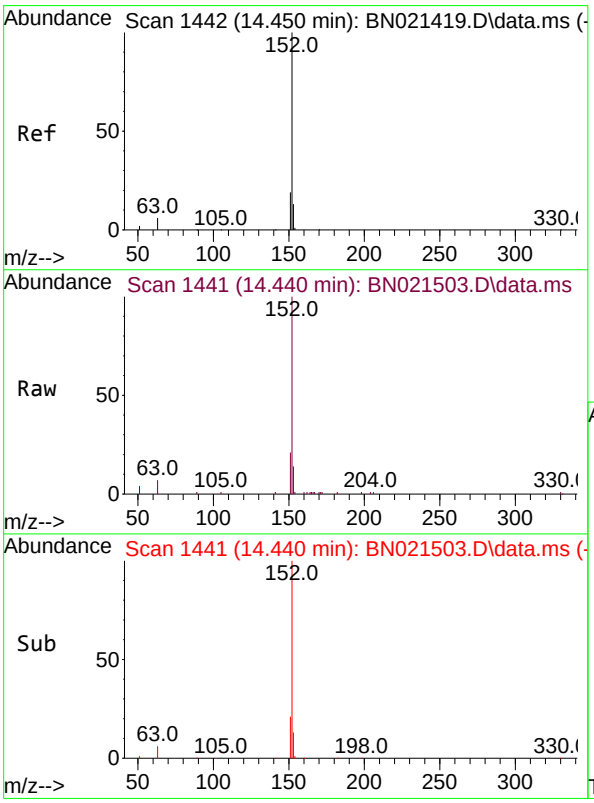
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:172 Resp: 15415

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.6
170	23.8	18.6	28.0

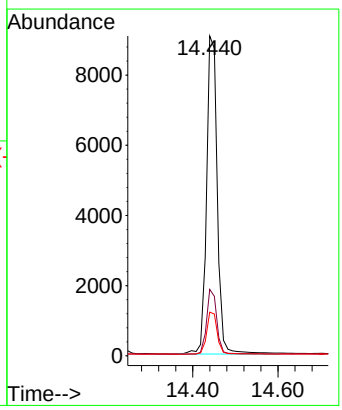


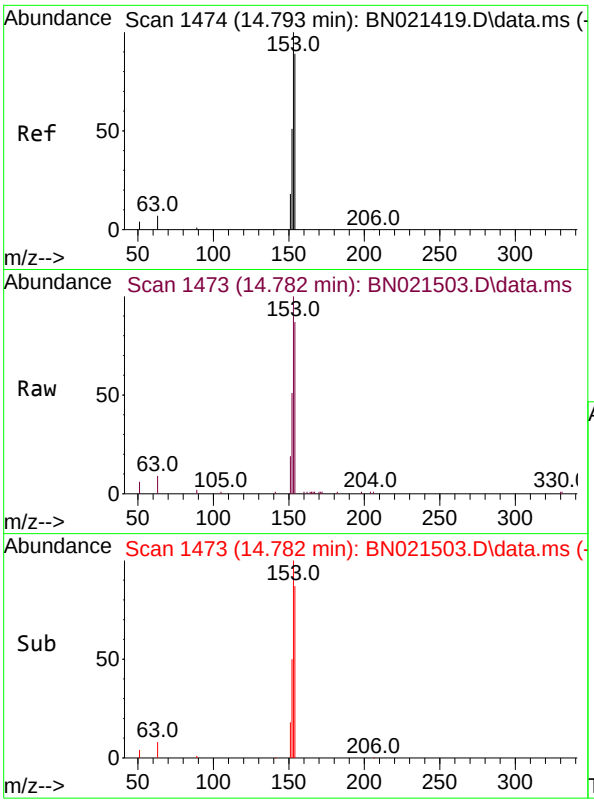


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:152 Resp: 15856

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.1	10.3	15.5



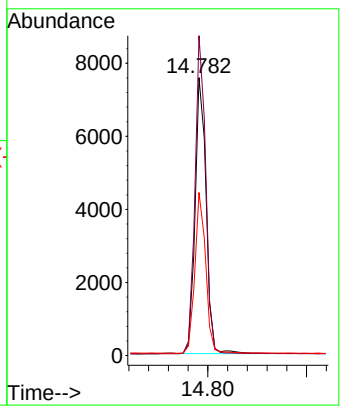


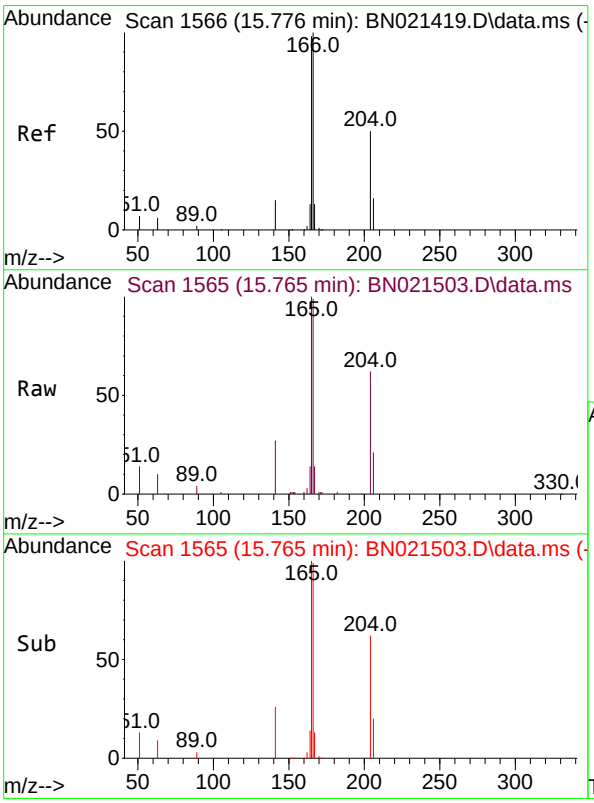
#17
Acenaphthene
Concen: 0.417 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:154 Resp: 11703

Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.5	134.3
152	57.5	45.5	68.3

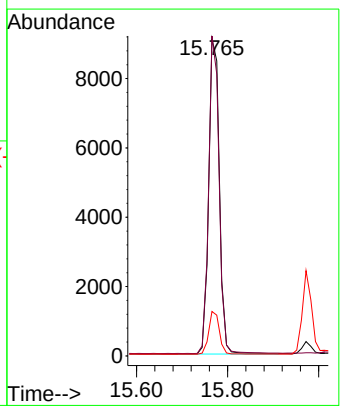


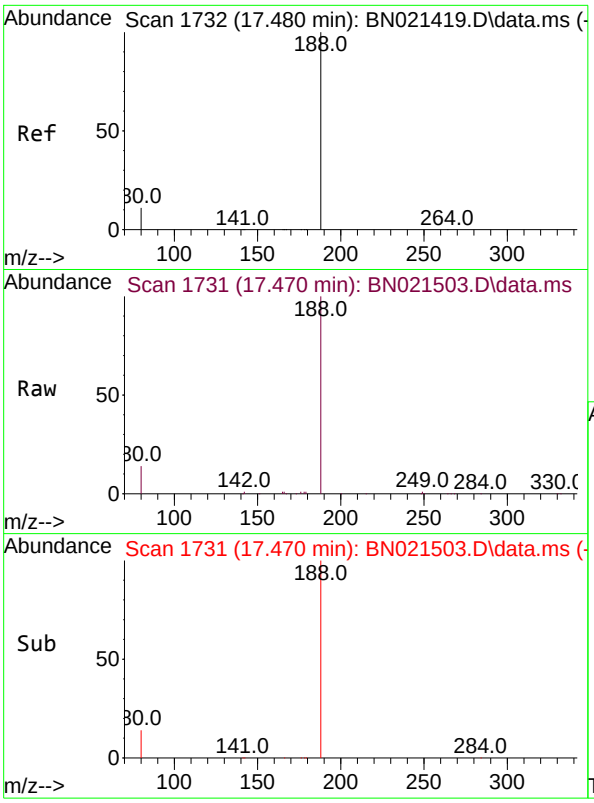


#18
Fluorene
Concen: 0.418 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.011 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:166 Resp: 14483

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.6	10.6	16.0



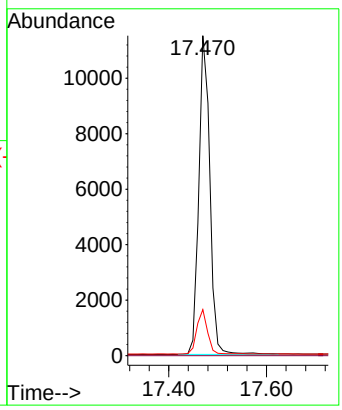


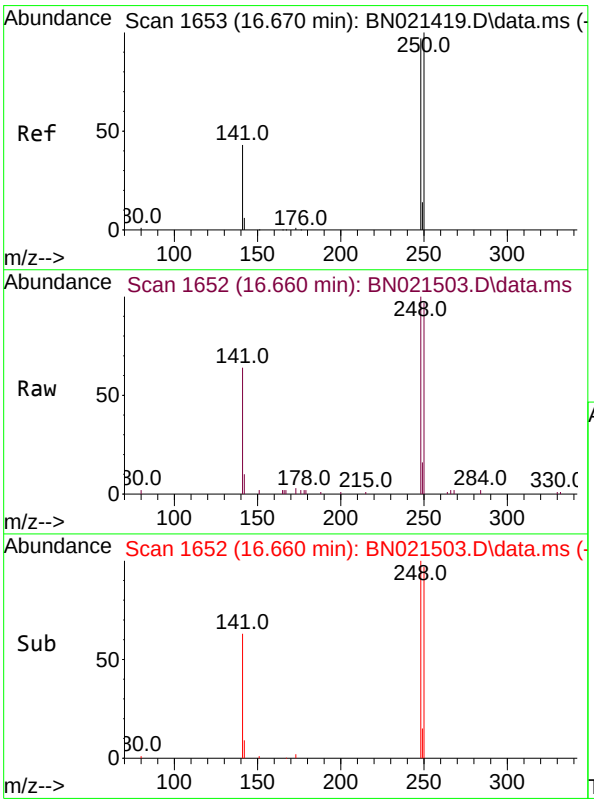
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:188 Resp: 17922

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	9.5	14.3#

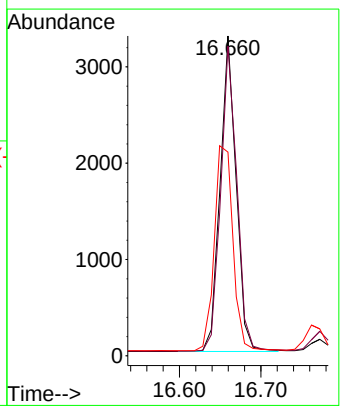


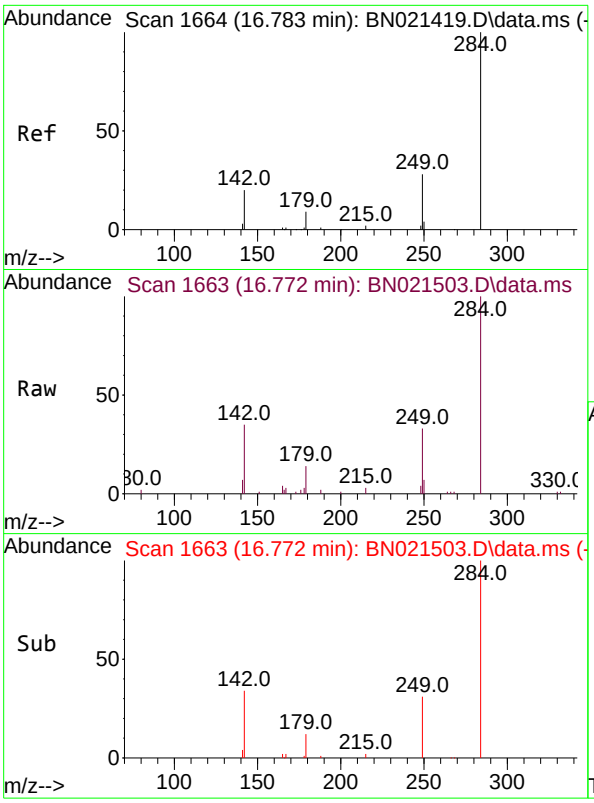


#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.660 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:248 Resp: 4497

Ion	Ratio	Lower	Upper
248	100		
250	96.8	81.8	122.6
141	63.7	38.5	57.7#



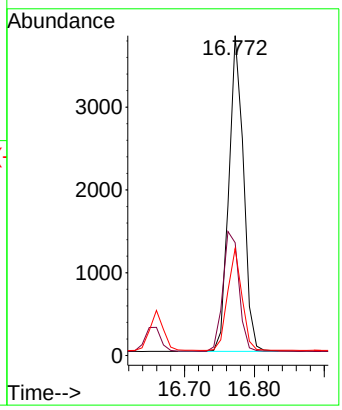


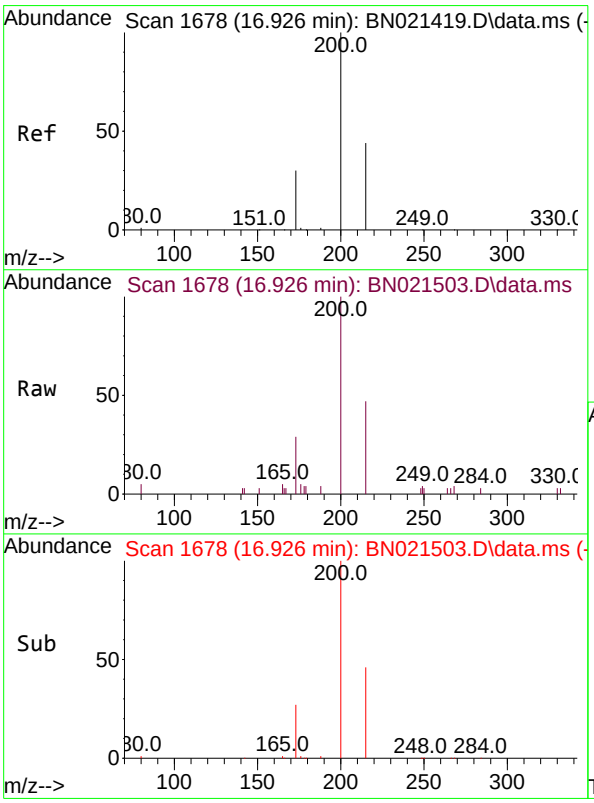
#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:284 Resp: 5559

Ion	Ratio	Lower	Upper
284	100		
142	41.4	32.3	48.5
249	31.4	25.4	38.2

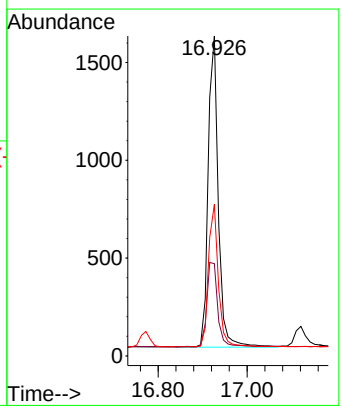


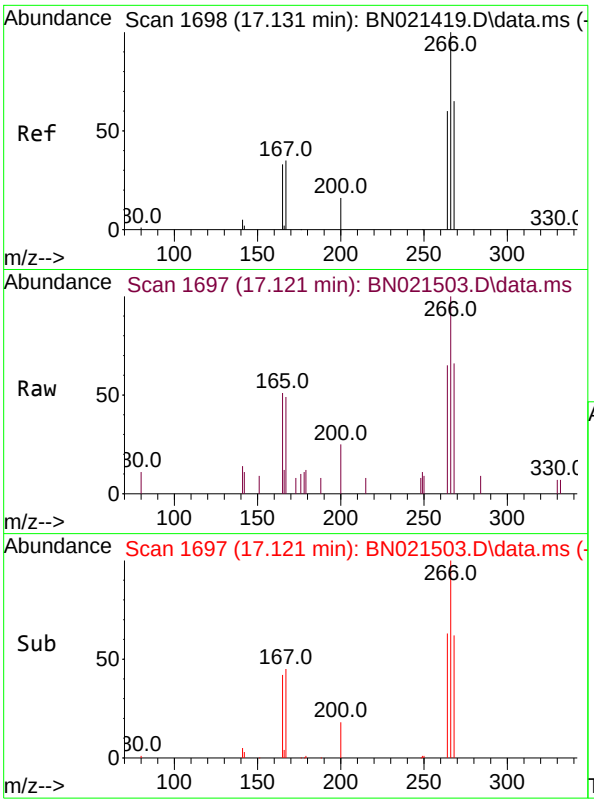


#23
Atrazine
Concen: 0.384 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:200 Resp: 2510

Ion	Ratio	Lower	Upper
200	100		
173	28.9	24.3	36.5
215	47.4	38.4	57.6



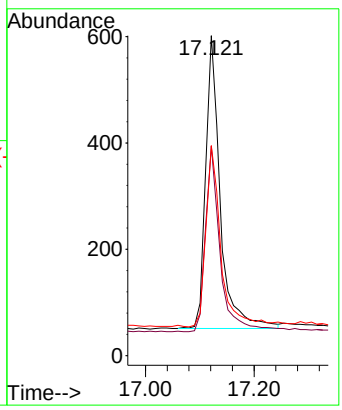


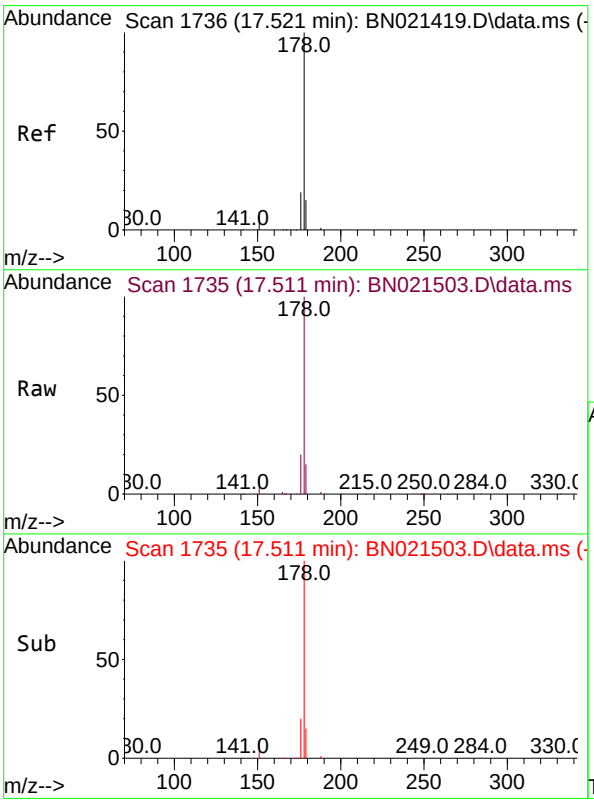
#24
Pentachlorophenol
Concen: 0.453 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:266 Resp: 1033

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.0	73.6
268	65.2	50.9	76.3

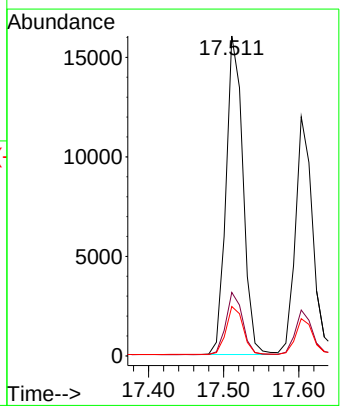


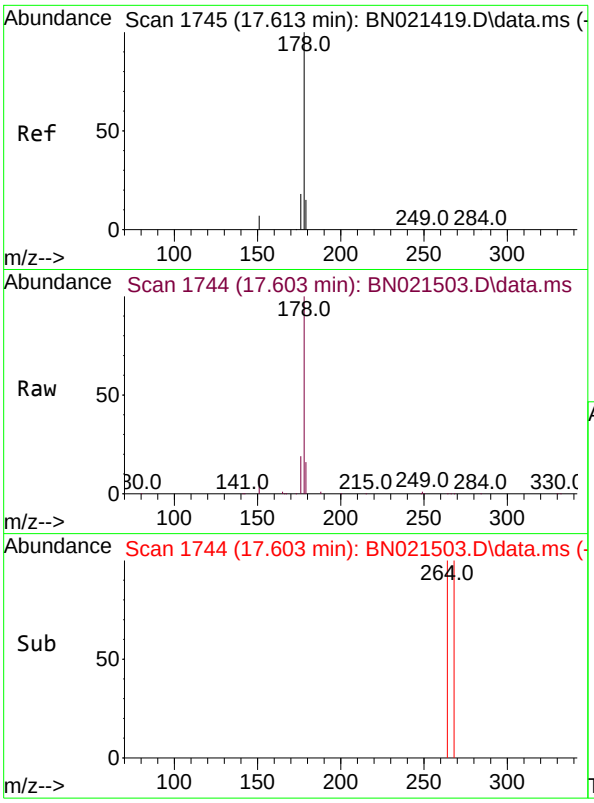


#25
Phenanthrene
Concen: 0.407 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:178 Resp: 25171

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.2	18.4



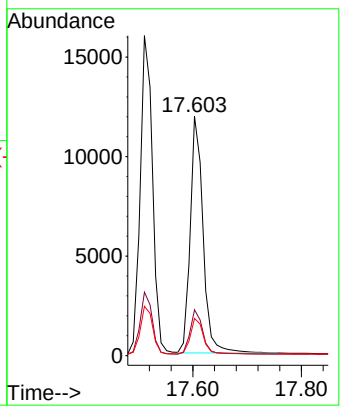


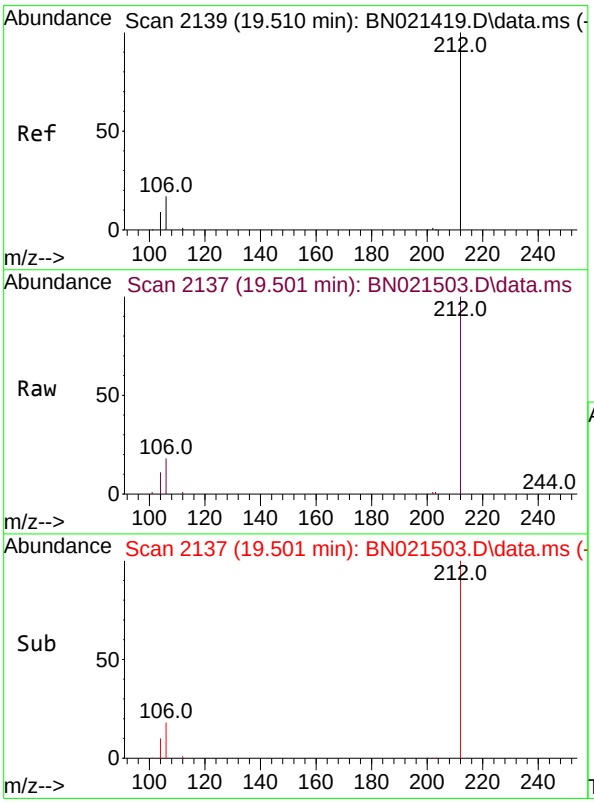
#26
Anthracene
Concen: 0.396 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:178 Resp: 19463

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.0	12.2	18.2

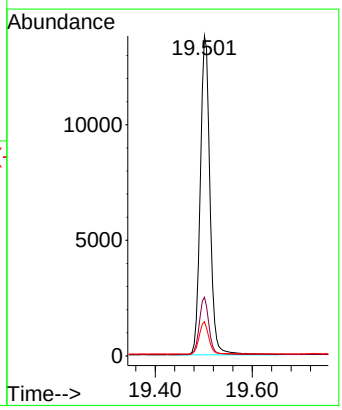


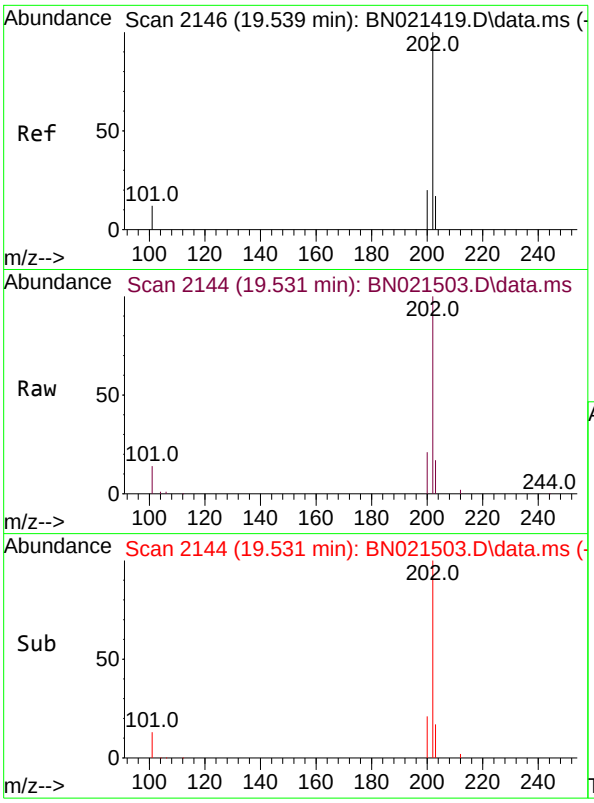


#27
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:212 Resp: 19000

Ion	Ratio	Lower	Upper
212	100		
106	17.8	14.2	21.2
104	10.0	7.8	11.6



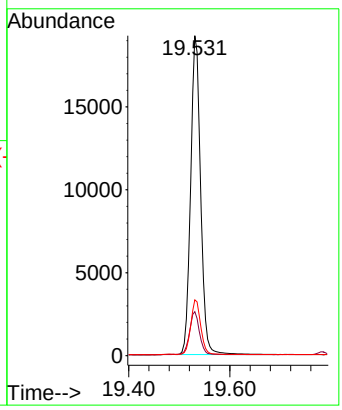


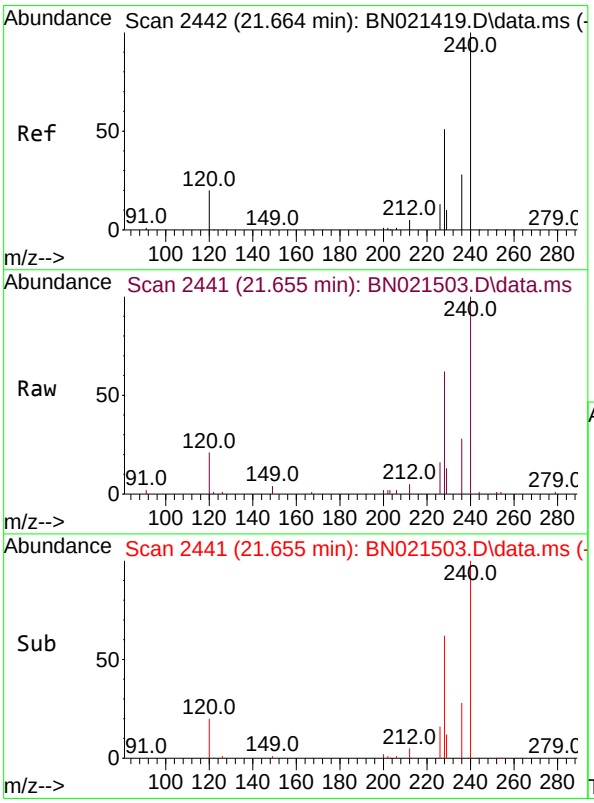
#28
Fluoranthene
Concen: 0.408 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:202 Resp: 26226

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.1	13.8	20.6

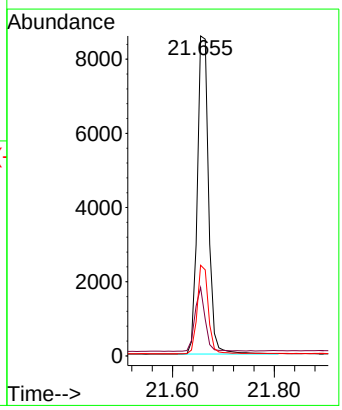


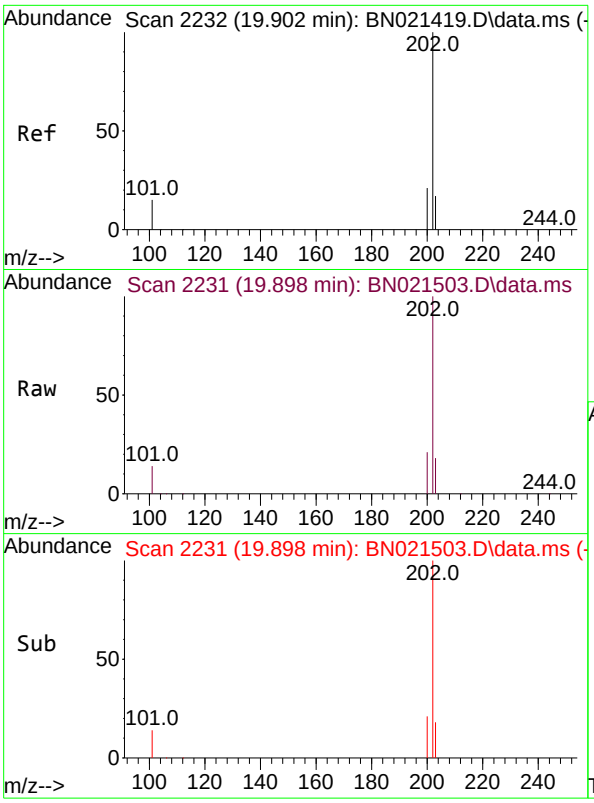


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:240 Resp: 13187

Ion	Ratio	Lower	Upper
240	100		
120	21.4	10.2	15.4#
236	28.3	22.1	33.1



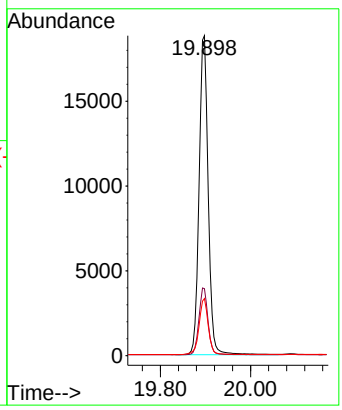


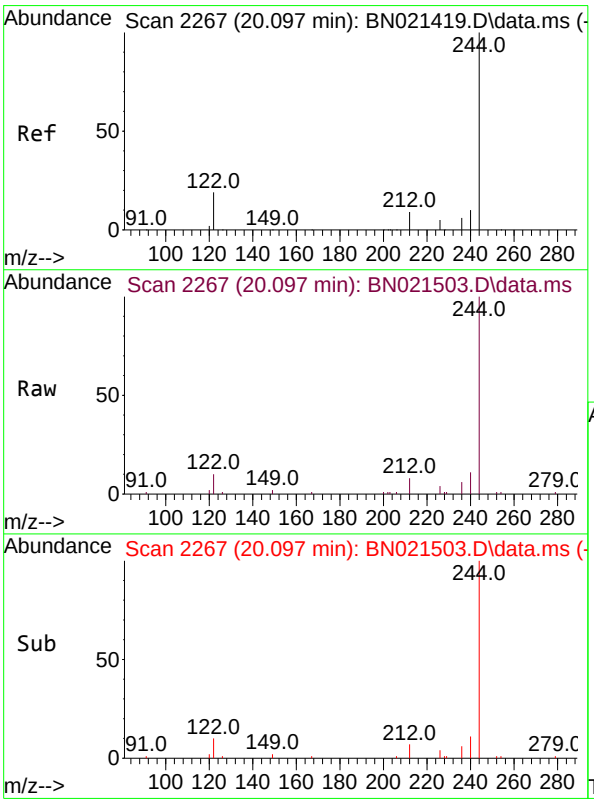
#30
Pyrene
Concen: 0.426 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:202 Resp: 29967

Ion	Ratio	Lower	Upper
202	100		
200	20.9	13.9	20.9#
203	15.5	11.9	17.9

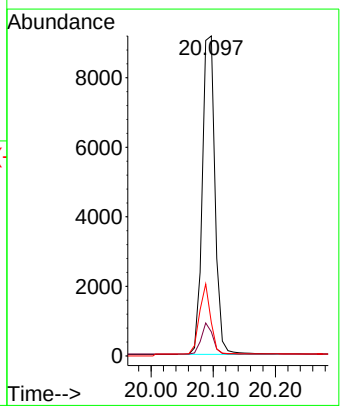


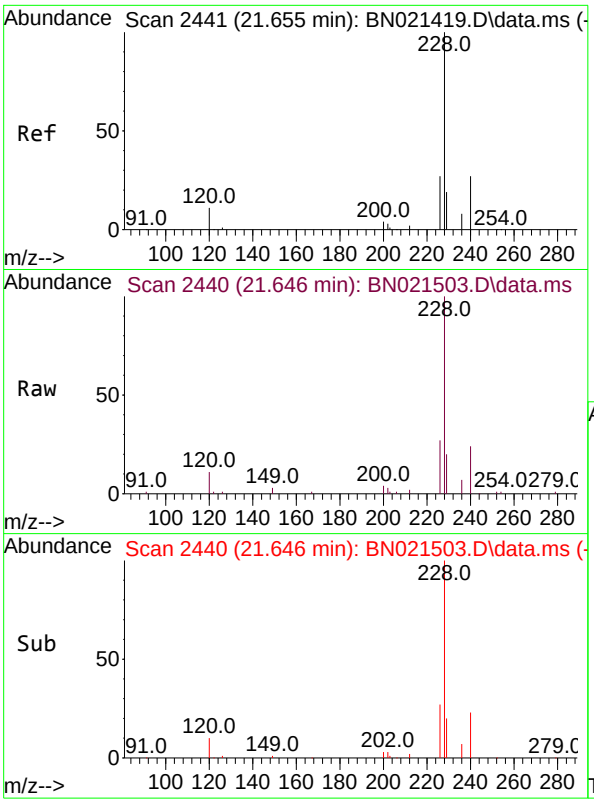


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:244 Resp: 13025

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	10.4	9.1	13.7



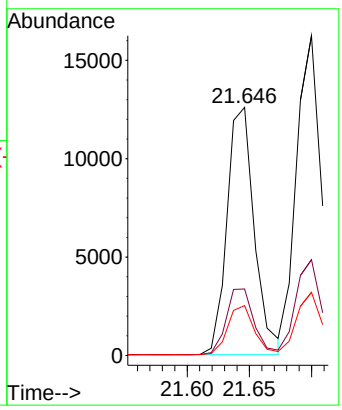


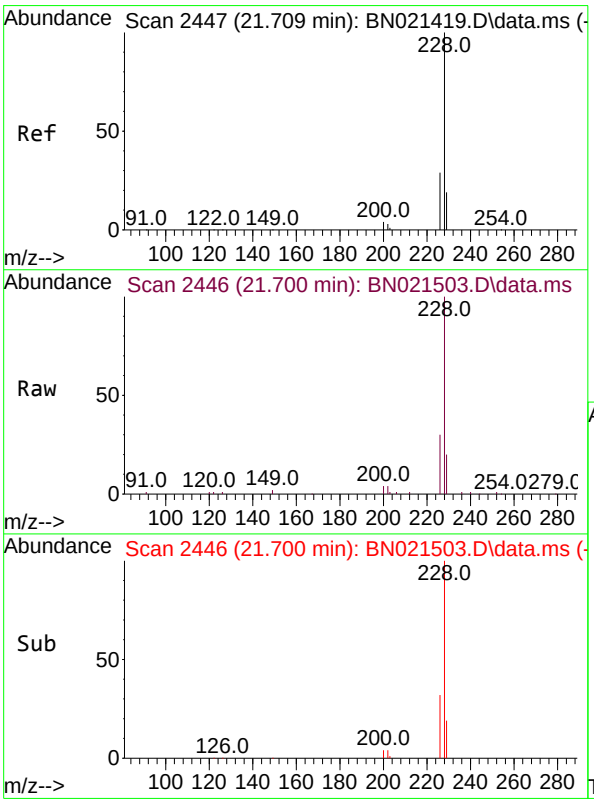
#32
Benzo(a)anthracene
Concen: 0.418 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:228 Resp: 19218

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.0	33.0
229	20.1	15.9	23.9

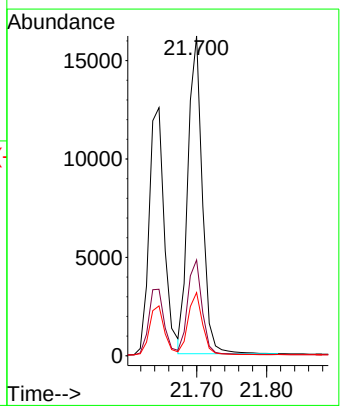


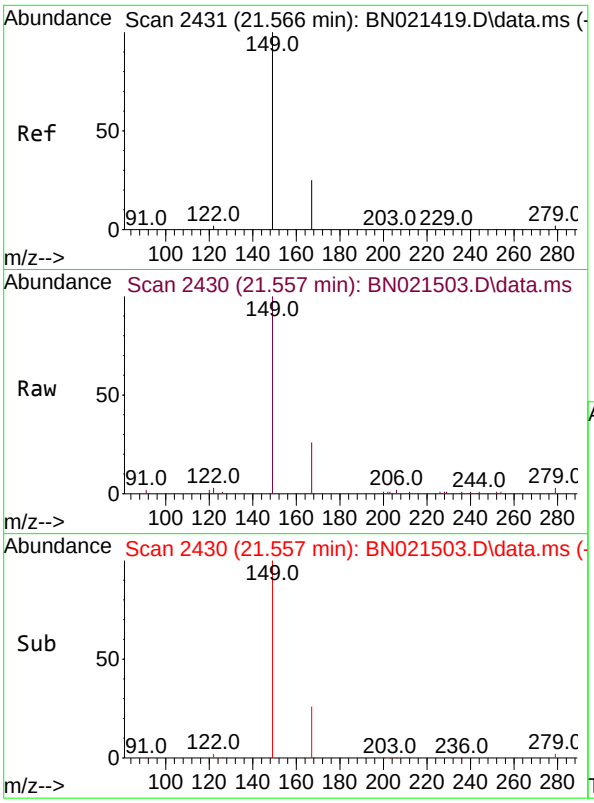


#33
Chrysene
Concen: 0.419 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:228 Resp: 22897

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.9	23.9



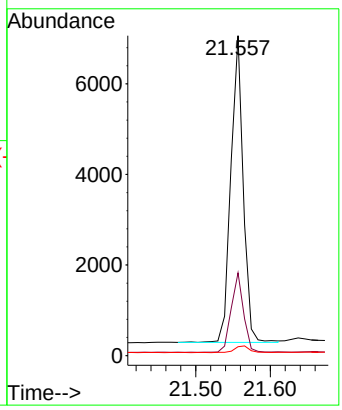


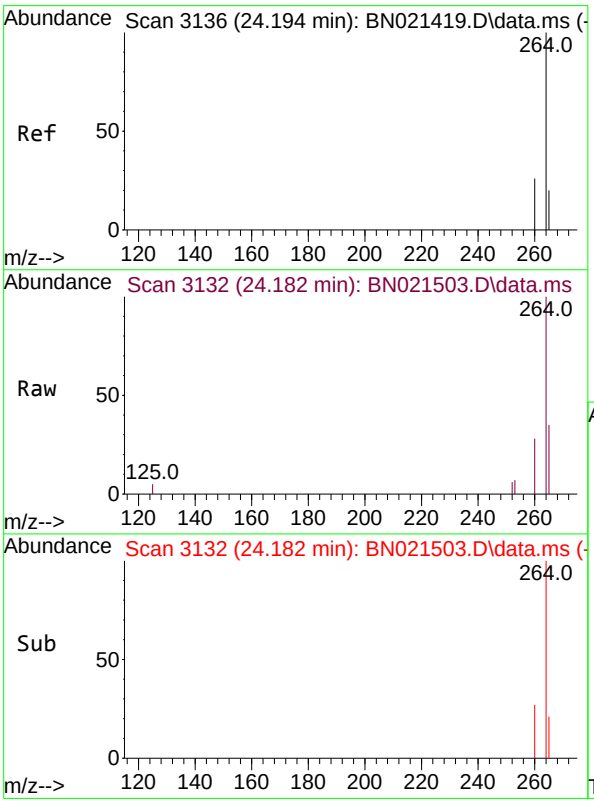
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.423 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:149 Resp: 7823

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.4	32.0
279	2.5	2.2	3.2

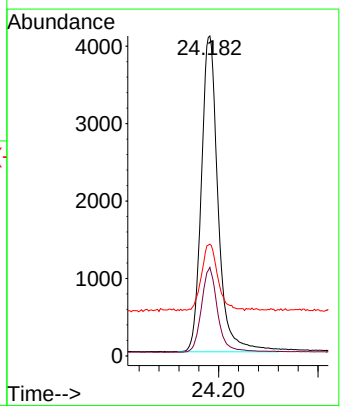


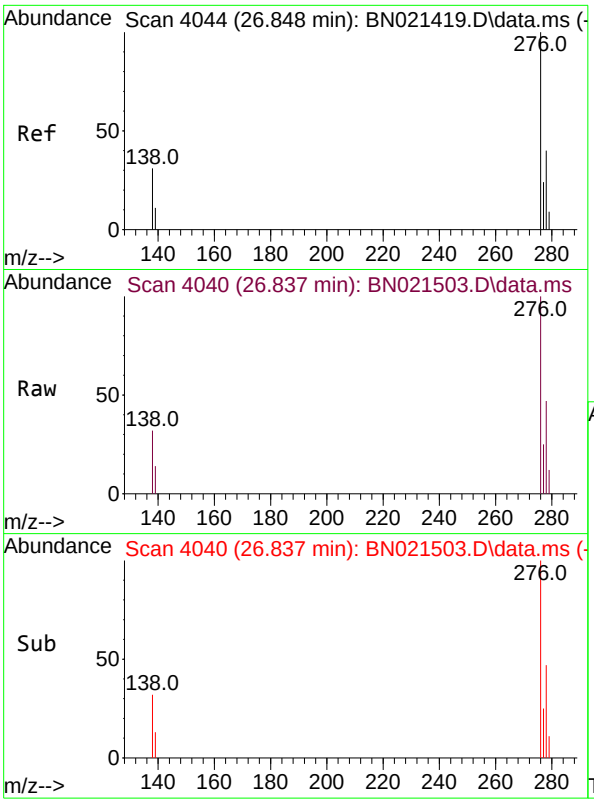


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.182 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:264 Resp: 9533

Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.0	31.6
265	34.9	32.2	48.2



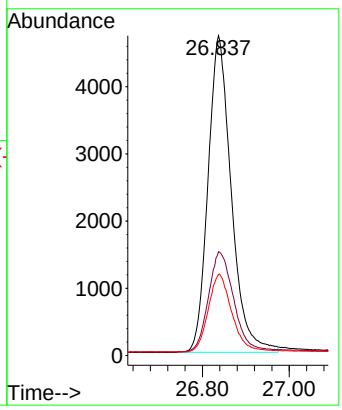


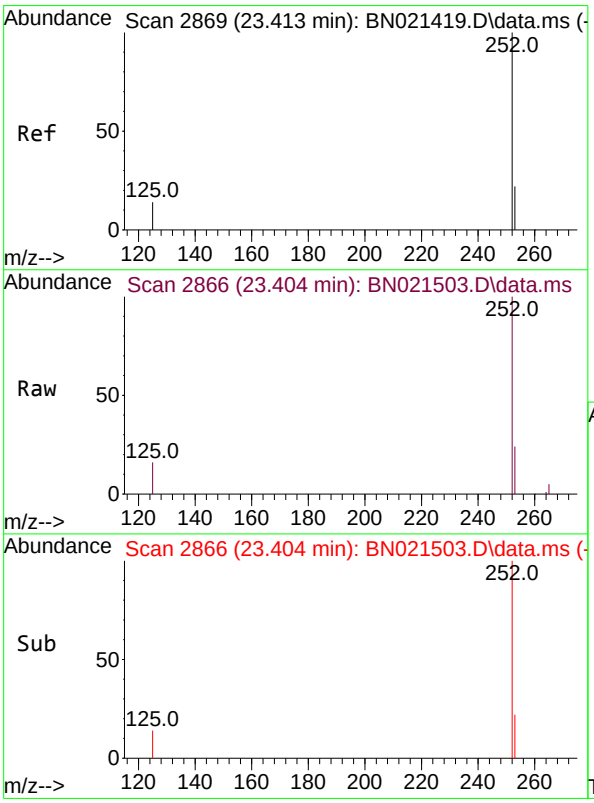
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng
RT: 26.837 min Scan# 40
Delta R.T. -0.012 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:276 Resp: 17523

Ion	Ratio	Lower	Upper
276	100		
138	34.3	27.4	41.2
277	25.2	19.9	29.9

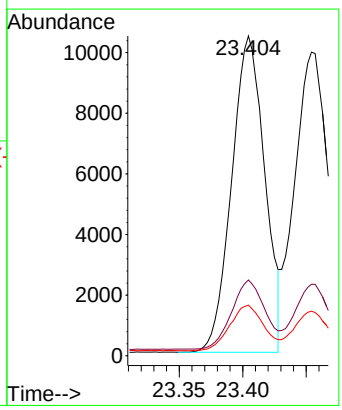


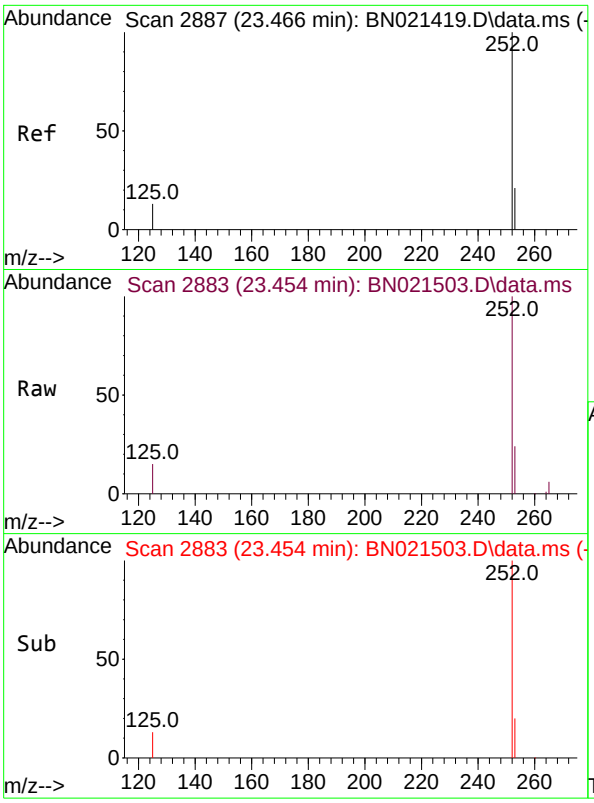


#37
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.404 min Scan# 2866
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:252 Resp: 18878

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.8	29.6
125	15.9	13.7	20.5



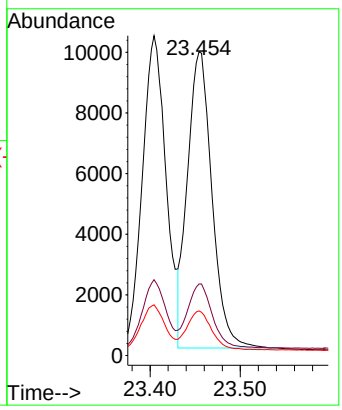


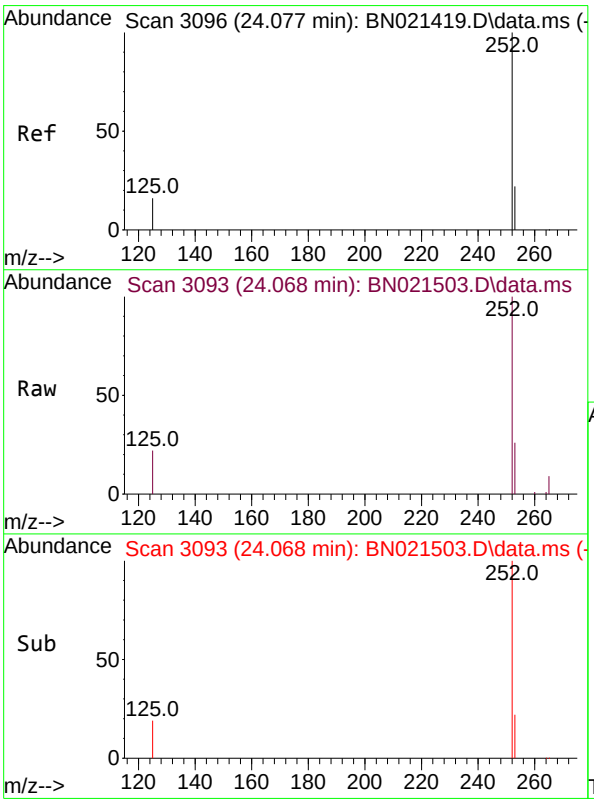
#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 23.454 min Scan# 28
Delta R.T. -0.012 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:252 Resp: 18431

Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.5	29.3
125	14.7	12.3	18.5

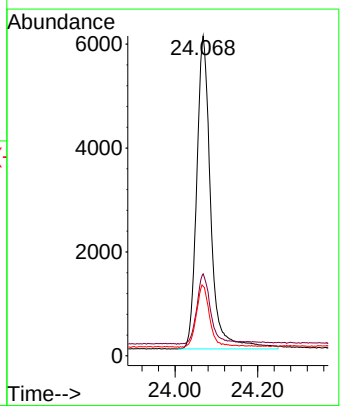


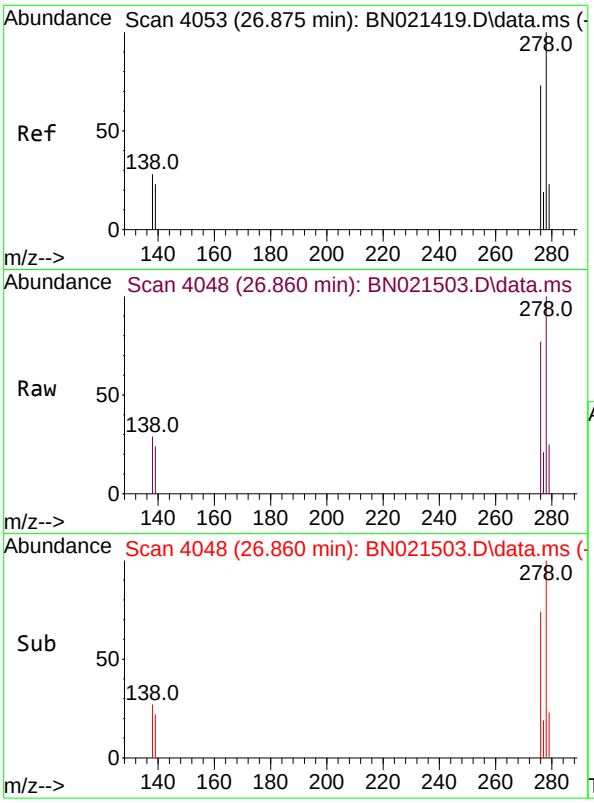


#39
Benzo(a)pyrene
Concen: 0.433 ng
RT: 24.068 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:252 Resp: 14185

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.1	31.7
125	21.8	16.6	25.0



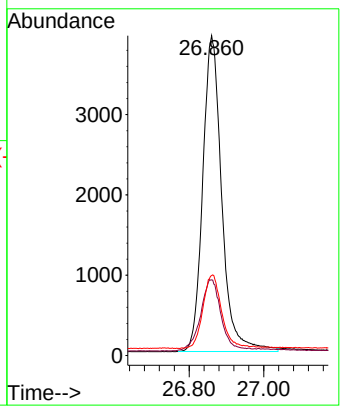


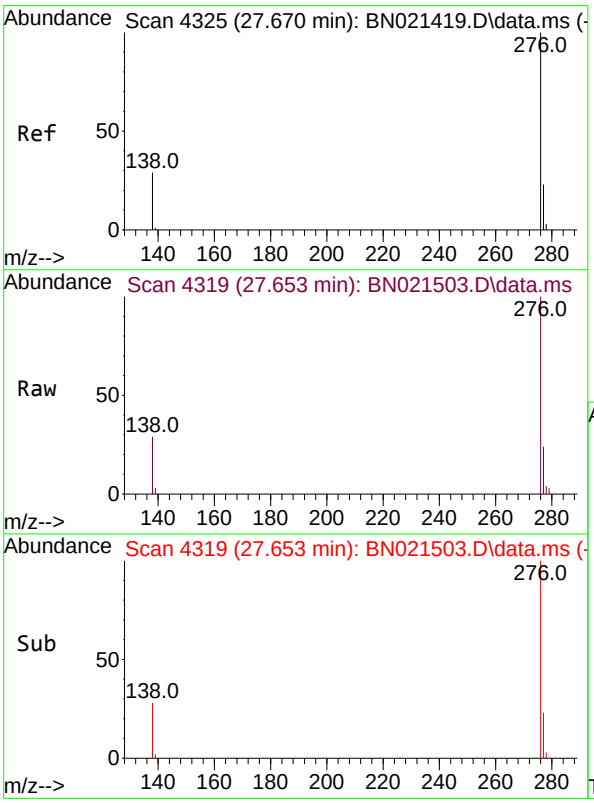
#40
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.860 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Instrument :
BNA_N
ClientSampleId :
PB147218BS

Tgt Ion:278 Resp: 13939

Ion	Ratio	Lower	Upper
278	100		
139	23.6	21.8	32.6
279	25.0	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.377 ng
RT: 27.653 min Scan# 4319
Delta R.T. -0.018 min
Lab File: BN021503.D
Acq: 01 Sep 2022 00:01

Tgt Ion:276 Resp: 14334

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.7	29.5
138	29.3	23.7	35.5