Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021517.D
Acq On : 01 Sep 2022 08:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 01 09:02:41 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	5375	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	15656	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	8580	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	17680	0.400	ng	-0.01
29) Chrysene-d12	21.664	240	11849	0.400	ng	# 0.00
35) Perylene-d12	24.188	264	7936	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4648	0.442	ng	0.00
5) Phenol-d6	7.217	99	5609	0.418	ng	0.00
8) Nitrobenzene-d5	9.243	82	4275	0.404	ng	-0.01
11) 2-Methylnaphthalene-d10	12.486	152	15786	0.447	ng	-0.01
14) 2,4,6-Tribromophenol	16.208	330	1079	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	15318	0.408	ng	-0.01
27) Fluoranthene-d10	19.501	212	18168	0.400	ng	0.00
31) Terphenyl-d14	20.097	244	12248	0.460	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	2916	0.434	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2678	0.442	ng	93
6) bis(2-Chloroethyl)ether	7.484	93	6797	0.403	ng	98
9) Naphthalene	10.952	128	19067	0.411	ng	98
10) Hexachlorobutadiene	11.240	225	3334	0.415	ng	# 100
12) 2-Methylnaphthalene	12.183	142	2441	0.443	ng	# 96
16) Acenaphthylene	14.440	152	15684	0.389	ng	100
17) Acenaphthene	14.782	154	11606	0.409	ng	99
18) Fluorene	15.765	166	14428	0.413	ng	99
21) 4-Bromophenyl-phenylether	16.659	248	4509	0.408	ng	# 93
22) Hexachlorobenzene	16.772	284	5579	0.412	ng	99
23) Atrazine	16.926	200	2495	0.386	ng	96
24) Pentachlorophenol	17.121	266	1039	0.458	ng	99
25) Phenanthrene	17.511	178	24902	0.408	ng	100
26) Anthracene	17.603	178	19220	0.397	ng	100
28) Fluoranthene	19.531	202	25153	0.397	ng	100
30) Pyrene	19.898	202	28192	0.446	ng	99
32) Benzo(a)anthracene	21.646	228	16601	0.402	ng	99
33) Chrysene	21.700	228	20682	0.421	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	7138	0.429	ng	98
36) Indeno(1,2,3-cd)pyrene	26.843	276	14792	0.413	ng	100
37) Benzo(b)fluoranthene	23.407	252	15723	0.402	ng	99
38) Benzo(k)fluoranthene	23.460	252	15682	0.398	ng	99
39) Benzo(a)pyrene	24.071	252	11280	0.413	ng	99
40) Dibenzo(a,h)anthracene	26.863	278	11822	0.410	ng	96
41) Benzo(g,h,i)perylene	27.661	276	12532	0.396	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021517.D
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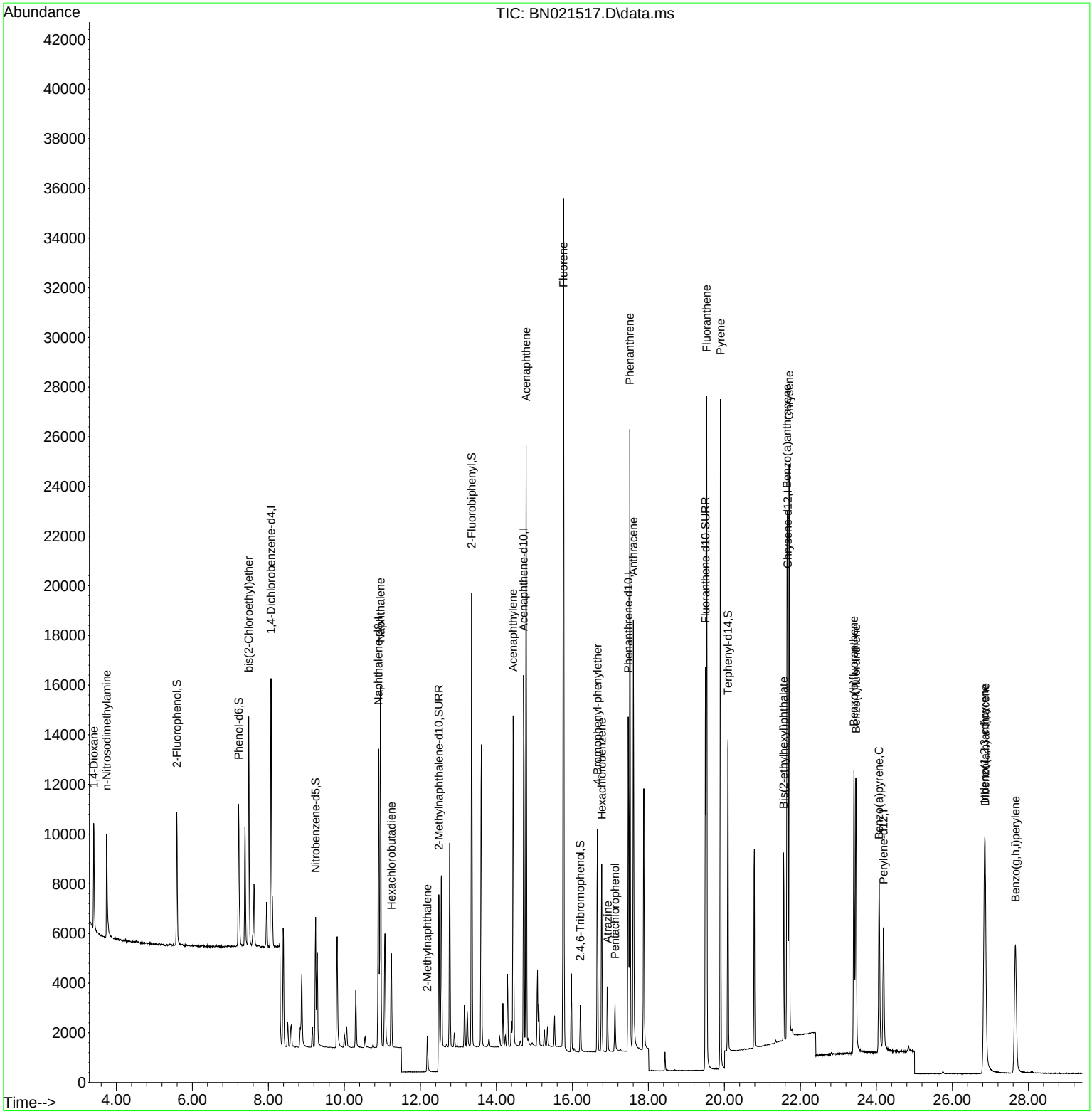
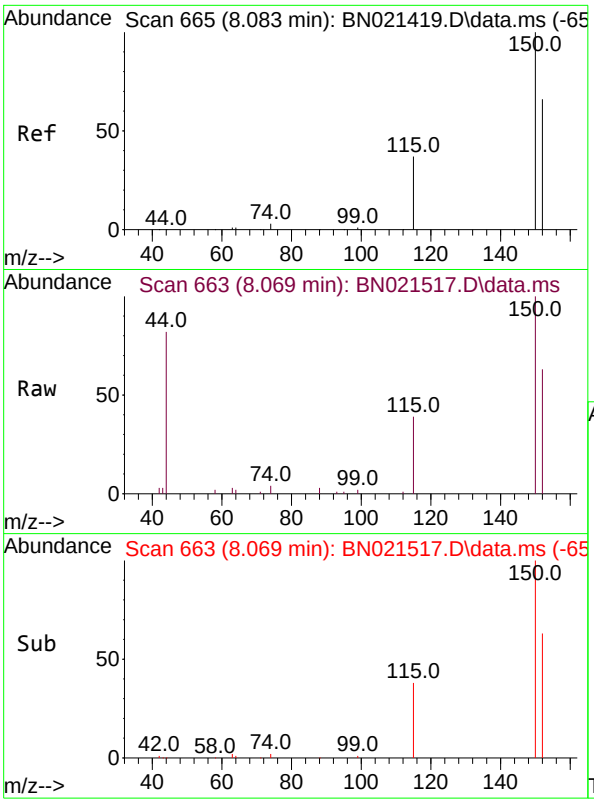
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 01 09:02:41 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



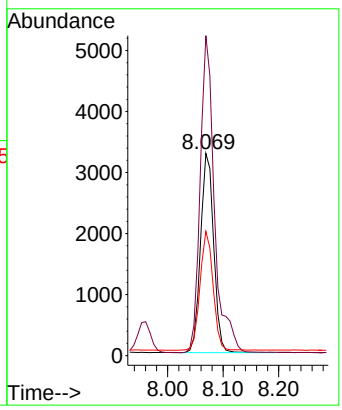


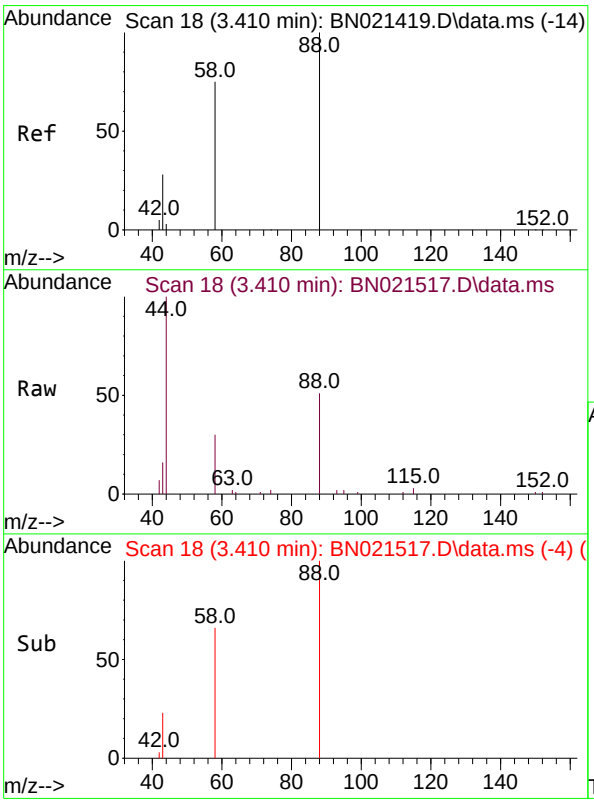
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5375

Ion	Ratio	Lower	Upper
152	100		
150	158.3	121.4	182.0
115	61.5	48.6	72.8

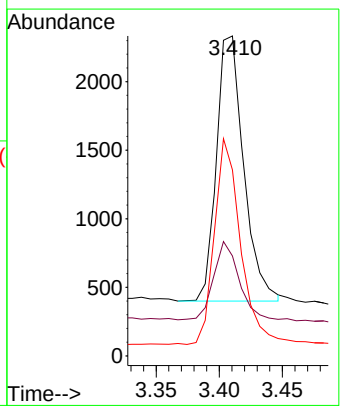


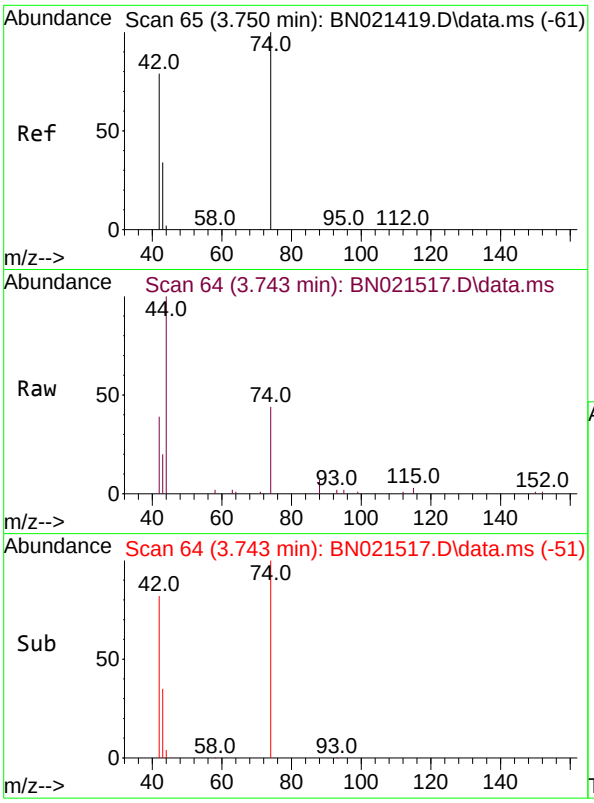


#2
1,4-Dioxane
Concen: 0.434 ng
RT: 3.410 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion: 88 Resp: 2916

Ion	Ratio	Lower	Upper
88	100		
43	27.5	35.8	53.8#
58	73.8	57.1	85.7



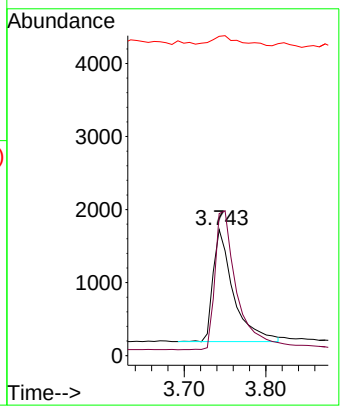


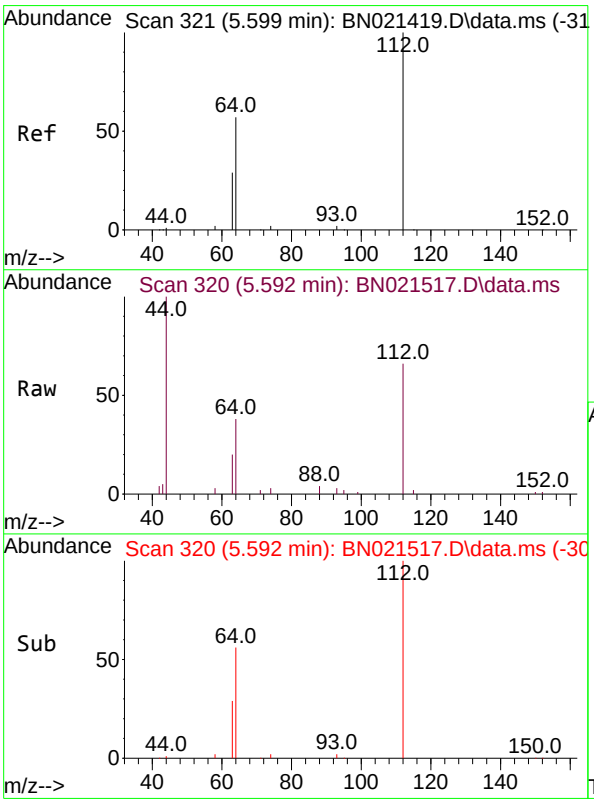
#3
n-Nitrosodimethylamine
Concen: 0.442 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2678

Ion	Ratio	Lower	Upper
42	100		
74	131.9	113.0	169.6
44	11.9	10.5	15.7

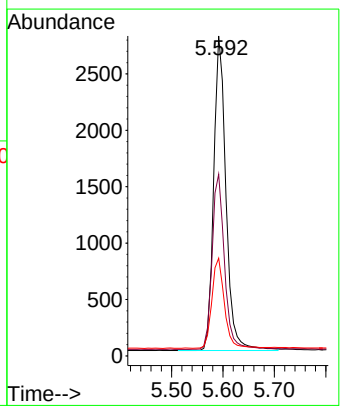


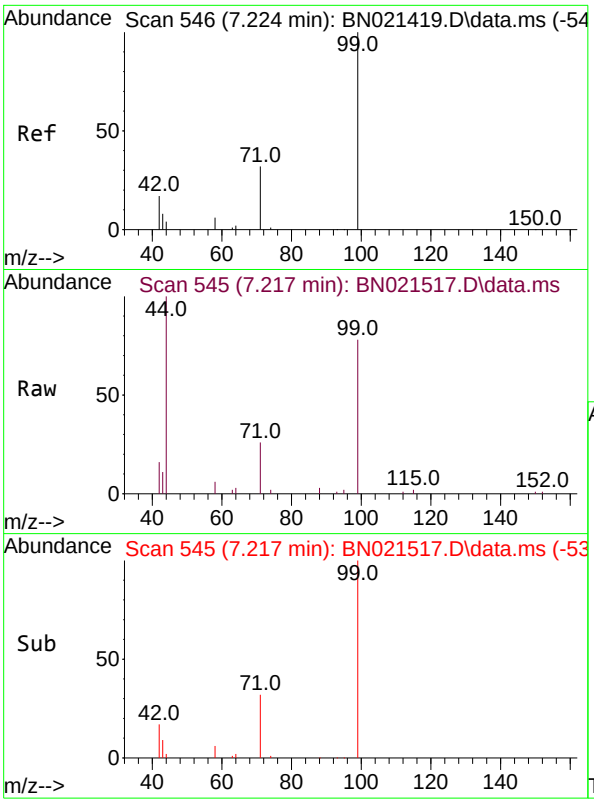


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.592 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:112 Resp: 4648

Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.5	65.3
63	29.3	22.6	34.0



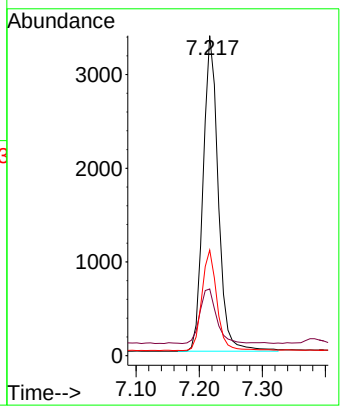


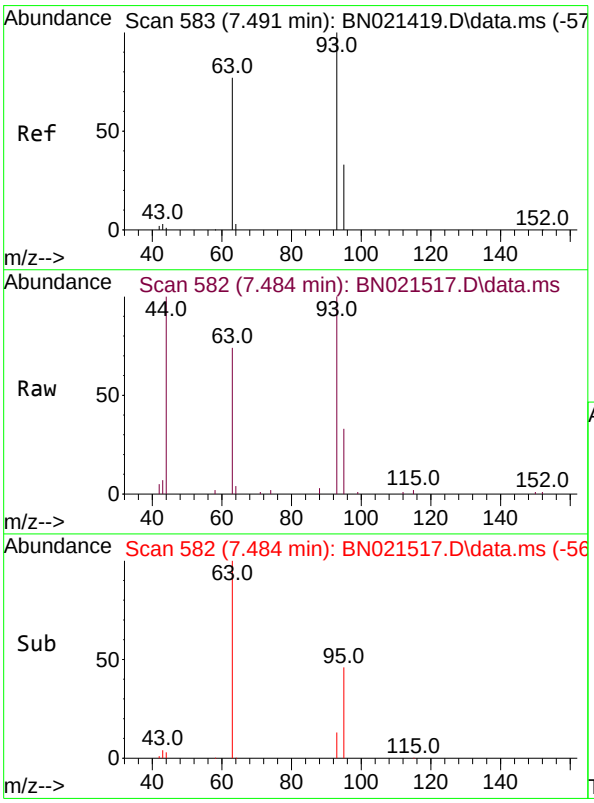
#5
Phenol-d6
Concen: 0.418 ng
RT: 7.217 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 5609

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.5	23.3
71	31.8	24.2	36.2

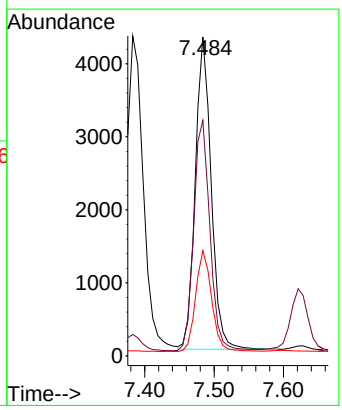


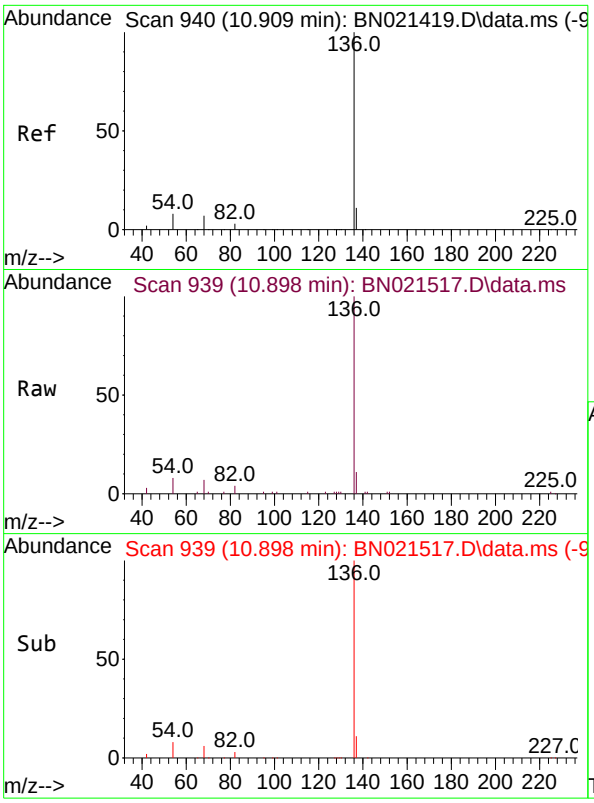


#6
bis(2-Chloroethyl)ether
Concen: 0.403 ng
RT: 7.484 min Scan# 582
Delta R.T. -0.007 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion: 93 Resp: 6797

Ion	Ratio	Lower	Upper
93	100		
63	75.2	57.8	86.8
95	32.5	25.9	38.9



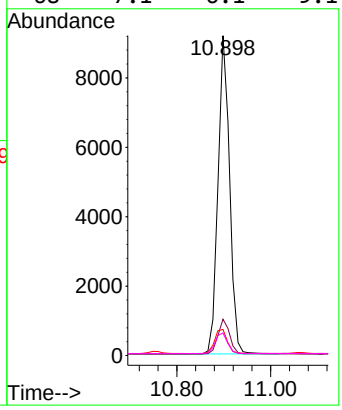


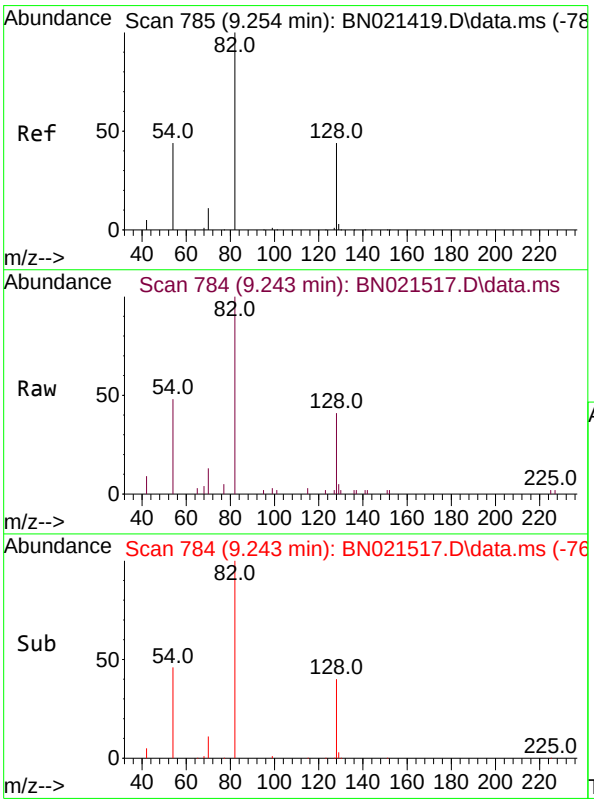
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15656

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	6.9	10.3
68	7.1	6.1	9.1

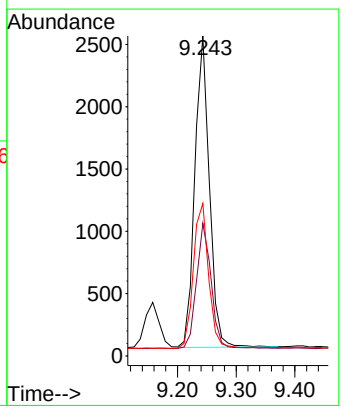


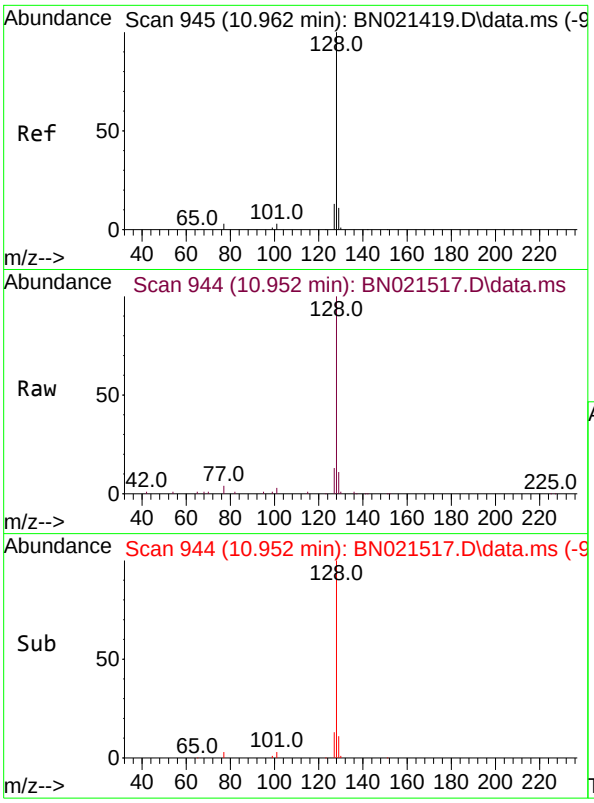


#8
Nitrobenzene-d5
Concen: 0.404 ng
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion: 82 Resp: 4275

Ion	Ratio	Lower	Upper
82	100		
128	41.4	30.9	46.3
54	47.6	42.7	64.1



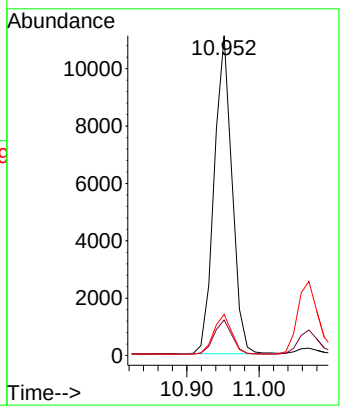


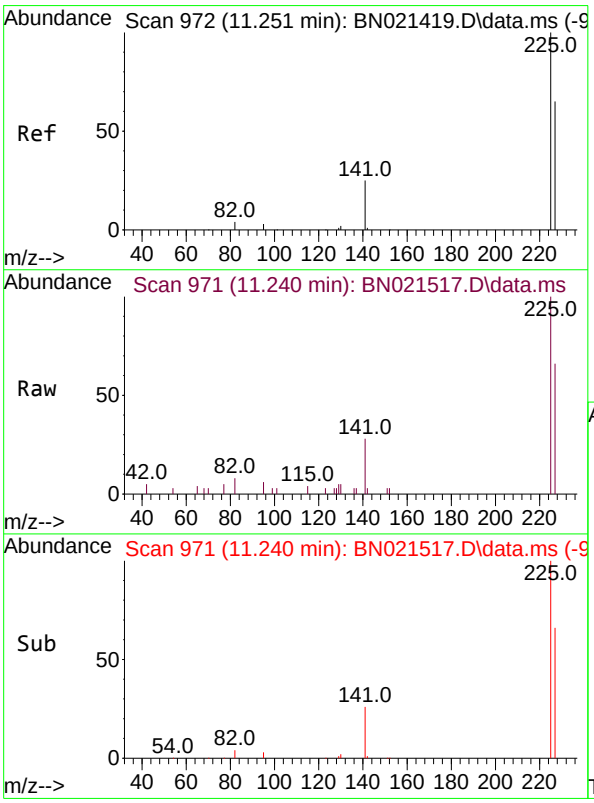
#9
Naphthalene
Concen: 0.411 ng
RT: 10.952 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19067

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	12.9	11.0	16.4

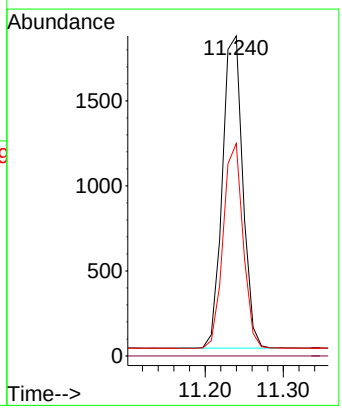


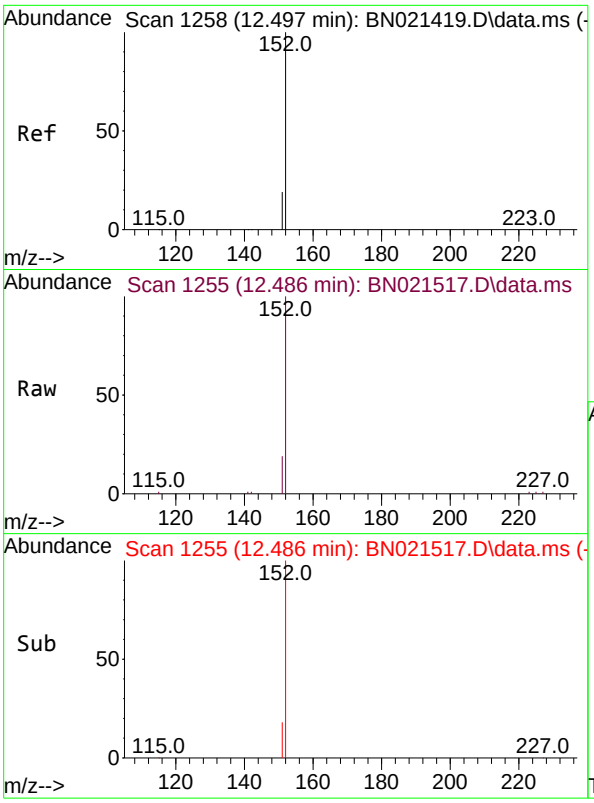


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 11.240 min Scan# 971
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:225 Resp: 3334

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



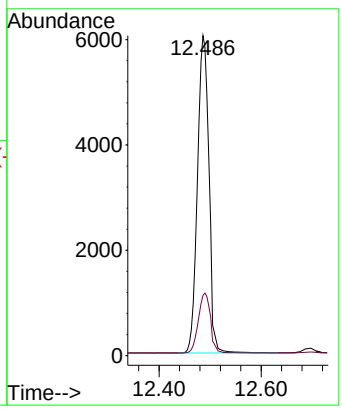


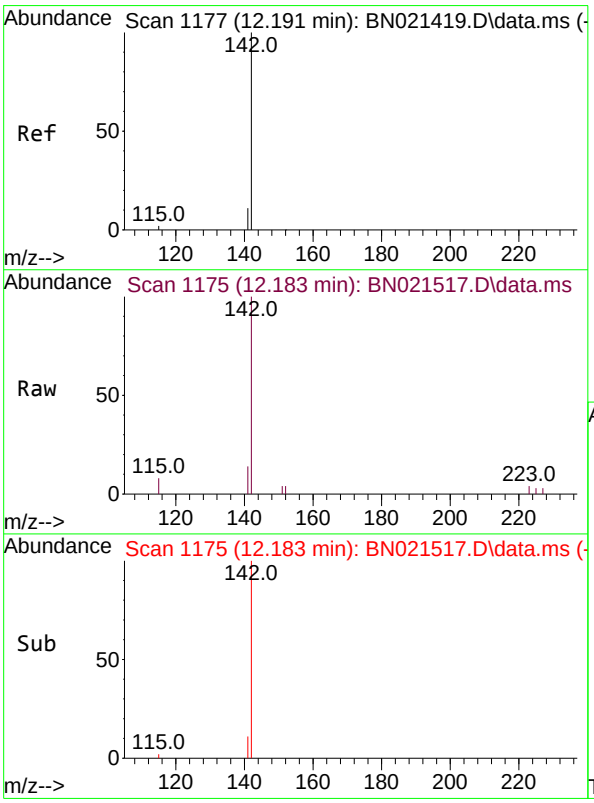
#11
2-Methylnaphthalene-d10
Concen: 0.447 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 15786

Ion	Ratio	Lower	Upper
152	100		
151	19.0	14.5	21.7

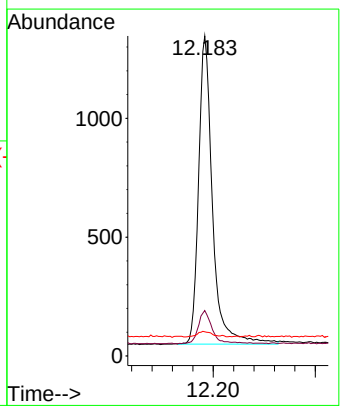


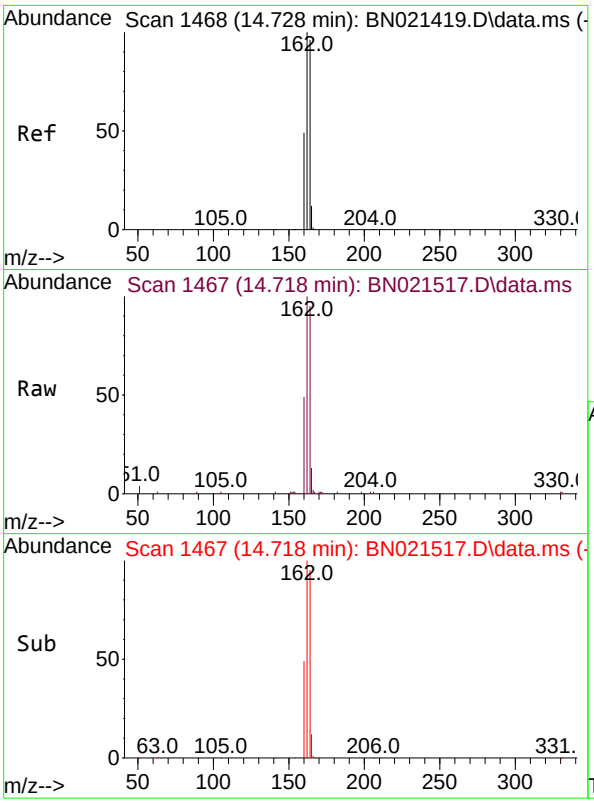


#12
2-Methylnaphthalene
Concen: 0.443 ng
RT: 12.183 min Scan# 1175
Delta R.T. -0.008 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:142 Resp: 2441

Ion	Ratio	Lower	Upper
142	100		
141	14.2	12.2	18.2
115	7.6	7.9	11.9#



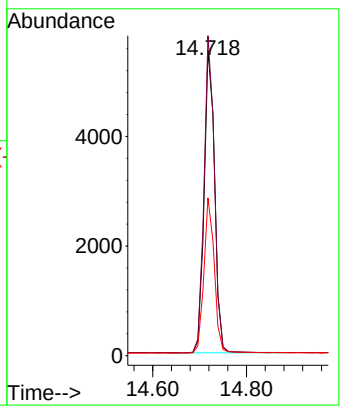


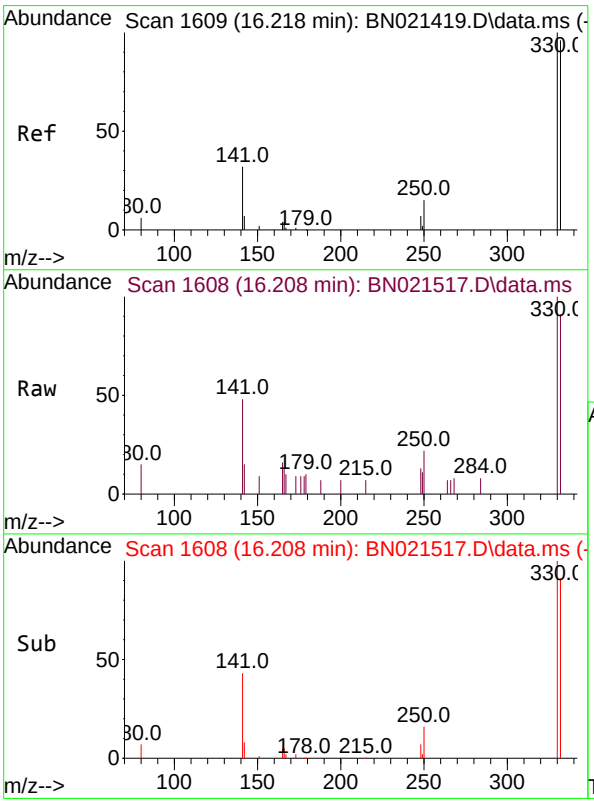
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8580

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.2	123.4
160	51.7	39.5	59.3

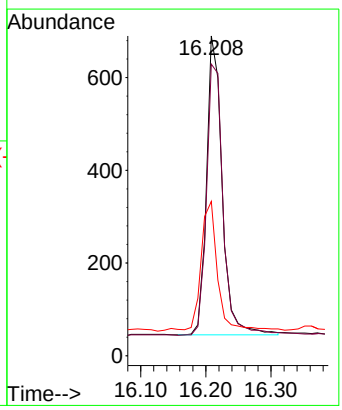


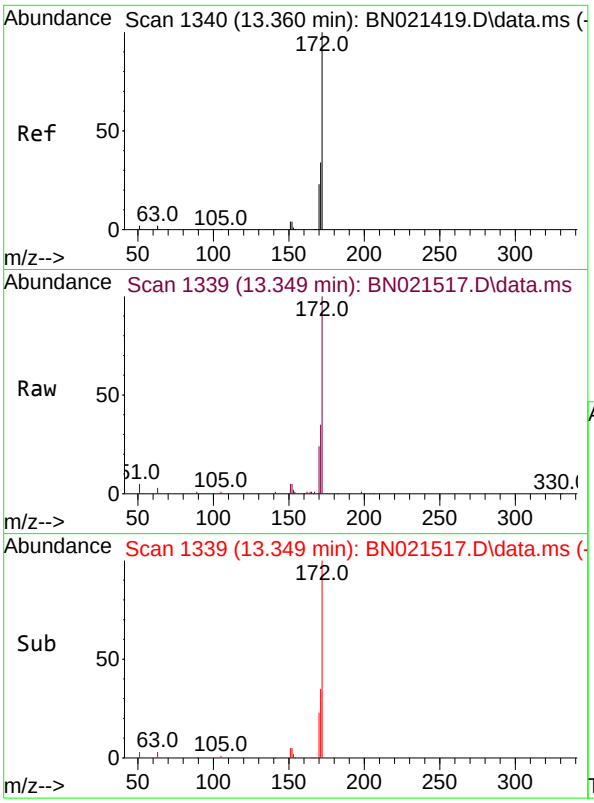


#14
2,4,6-Tribromophenol
Concen: 0.383 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:330 Resp: 1079

Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.3	118.9
141	46.6	37.1	55.7



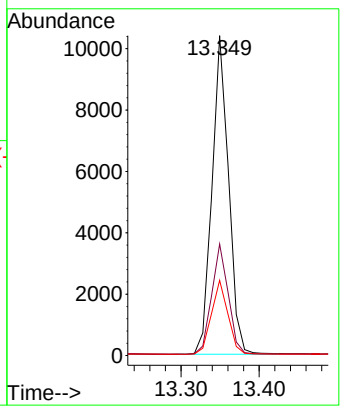


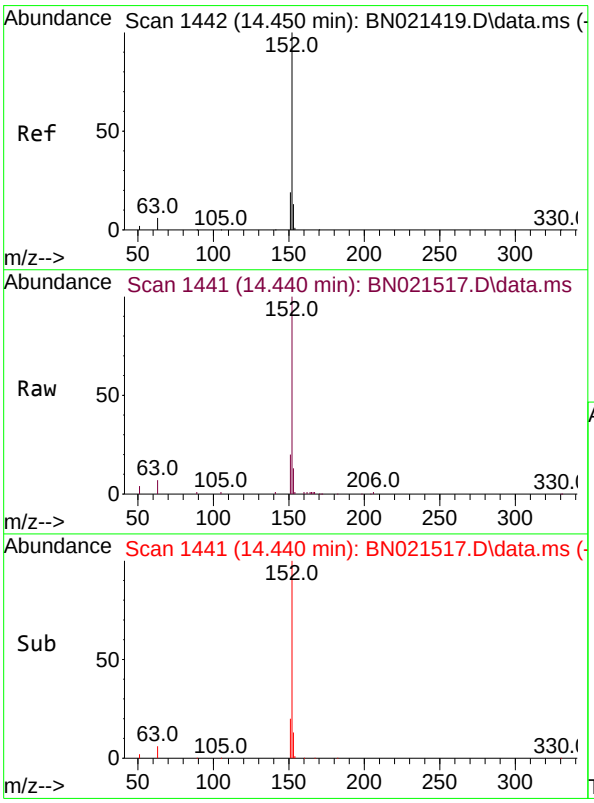
#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 13.349 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 15318

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.6	28.0

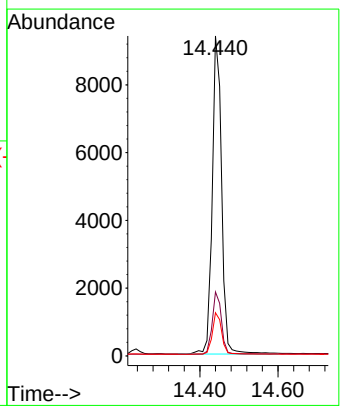


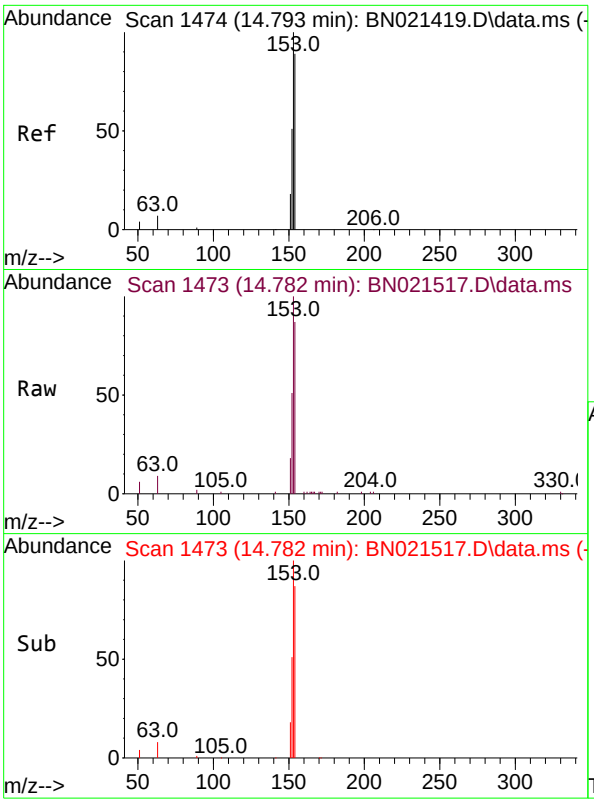


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.440 min Scan# 1441
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:152 Resp: 15684

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.2
153	13.0	10.3	15.5



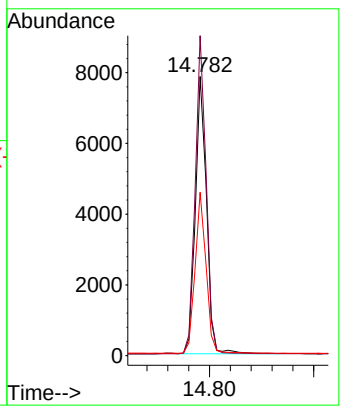


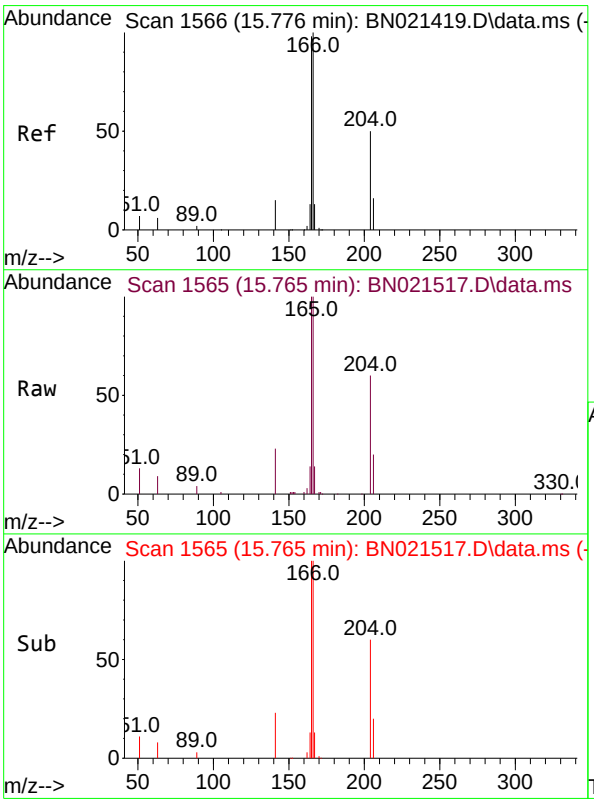
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.782 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 11606

Ion	Ratio	Lower	Upper
154	100		
153	112.7	89.5	134.3
152	57.2	45.5	68.3

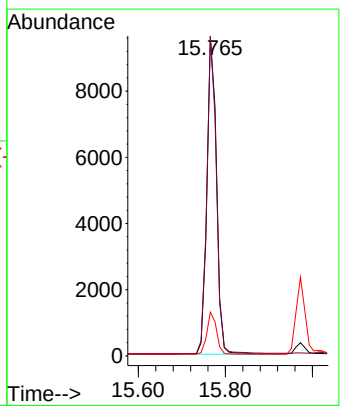


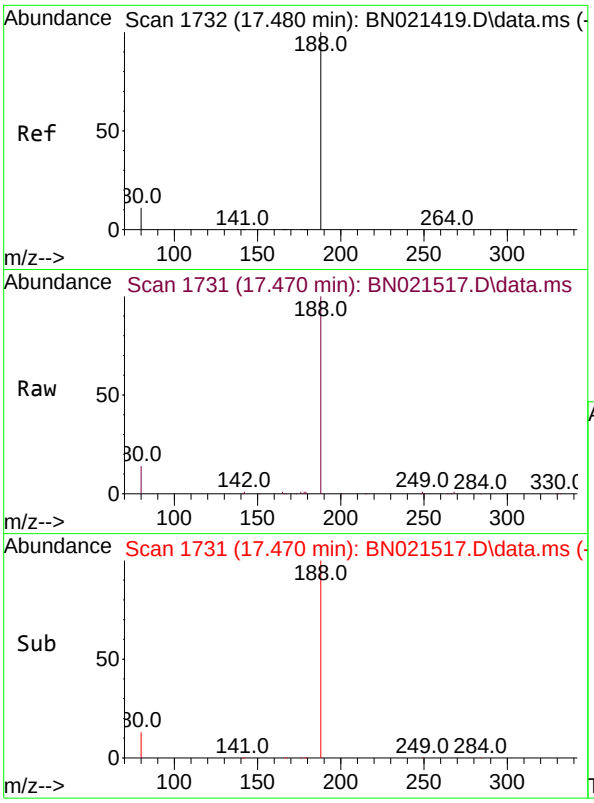


#18
Fluorene
Concen: 0.413 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.011 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:166 Resp: 14428

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.7	118.1
167	13.5	10.6	16.0





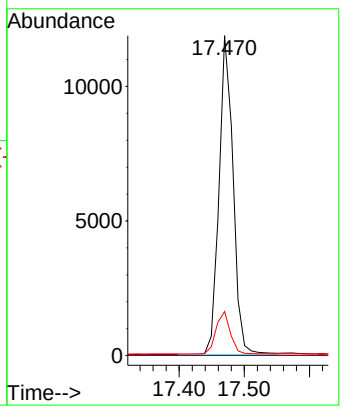
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1

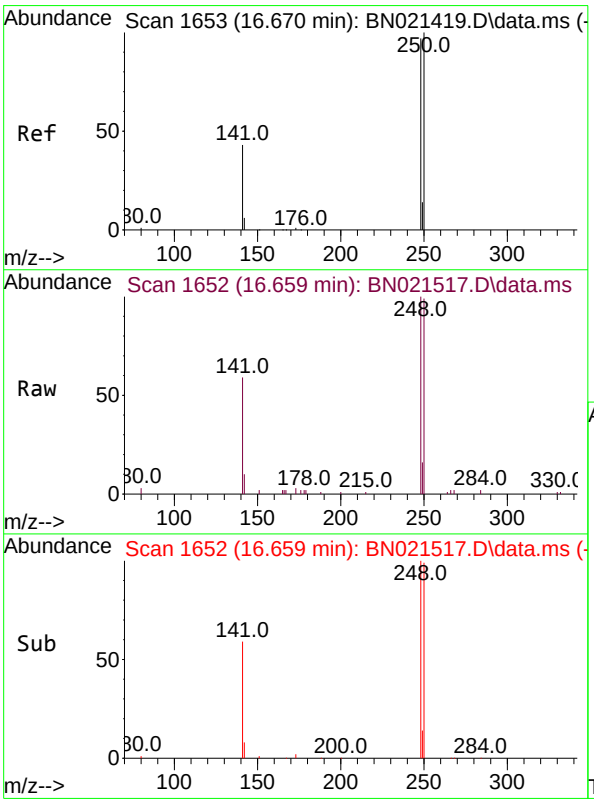
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:188 Resp: 17680

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.8	9.5	14.3

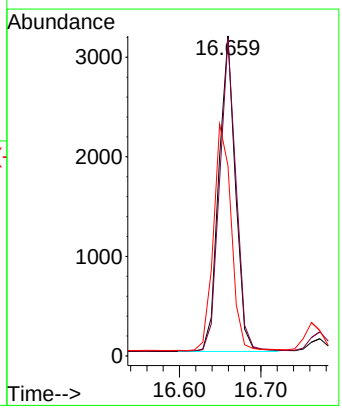


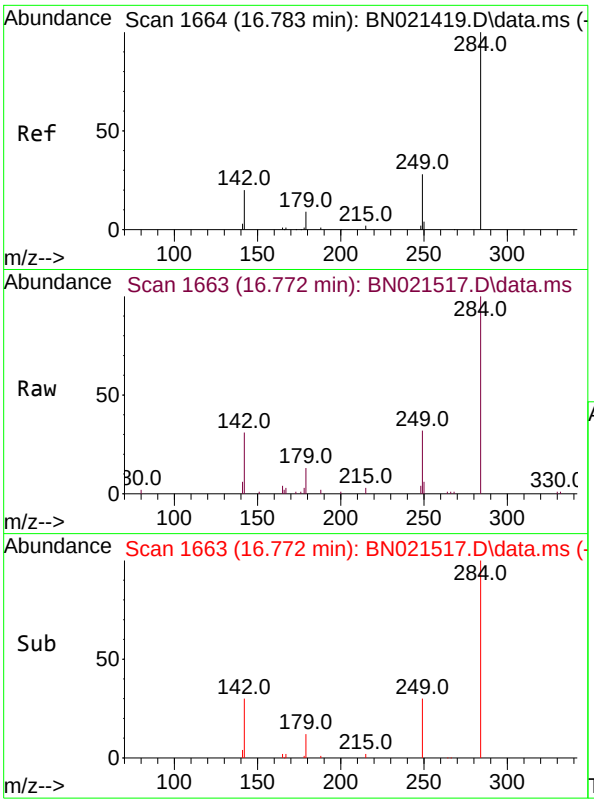


#21
4-Bromophenyl-phenylether
Concen: 0.408 ng
RT: 16.659 min Scan# 1652
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:248 Resp: 4509

Ion	Ratio	Lower	Upper
248	100		
250	99.2	81.8	122.6
141	59.5	38.5	57.7#



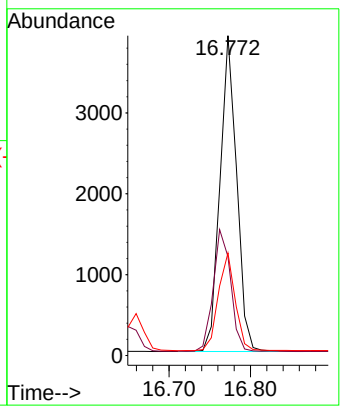


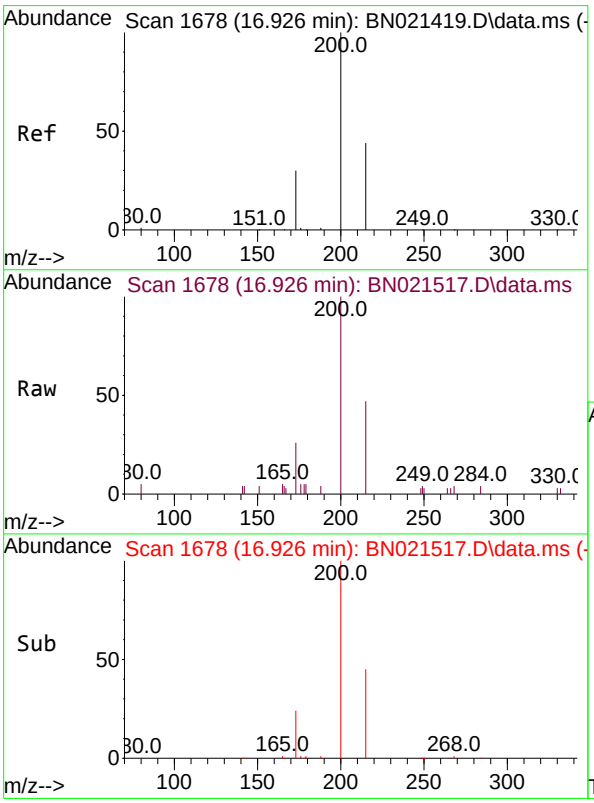
#22
Hexachlorobenzene
Concen: 0.412 ng
RT: 16.772 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5579

Ion	Ratio	Lower	Upper
284	100		
142	40.2	32.3	48.5
249	31.2	25.4	38.2

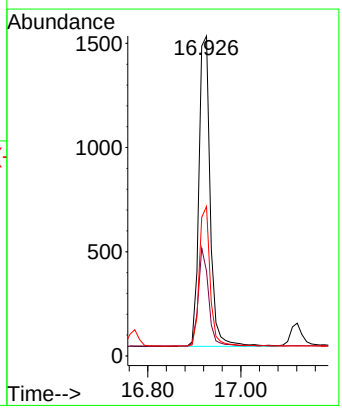


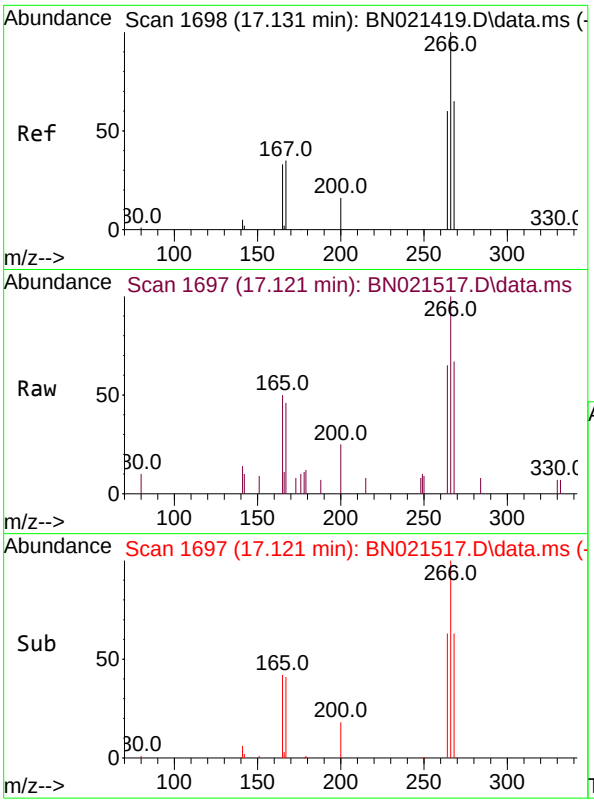


#23
Atrazine
Concen: 0.386 ng
RT: 16.926 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:200 Resp: 2495

Ion	Ratio	Lower	Upper
200	100		
173	26.5	24.3	36.5
215	46.7	38.4	57.6



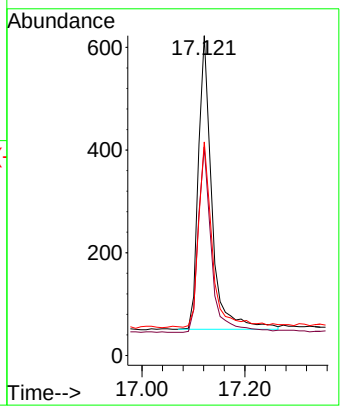


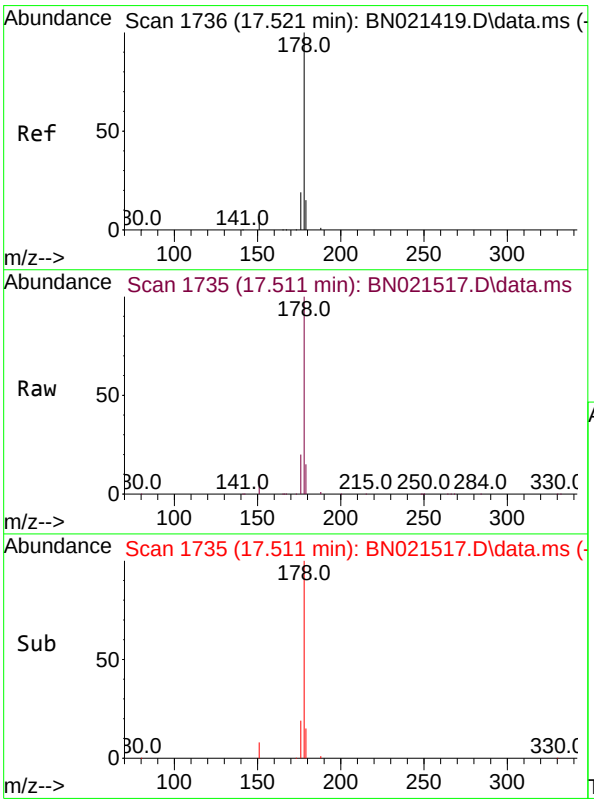
#24
Pentachlorophenol
Concen: 0.458 ng
RT: 17.121 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:266 Resp: 1039

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.0	73.6
268	63.2	50.9	76.3

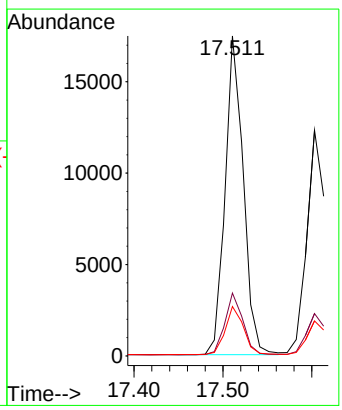


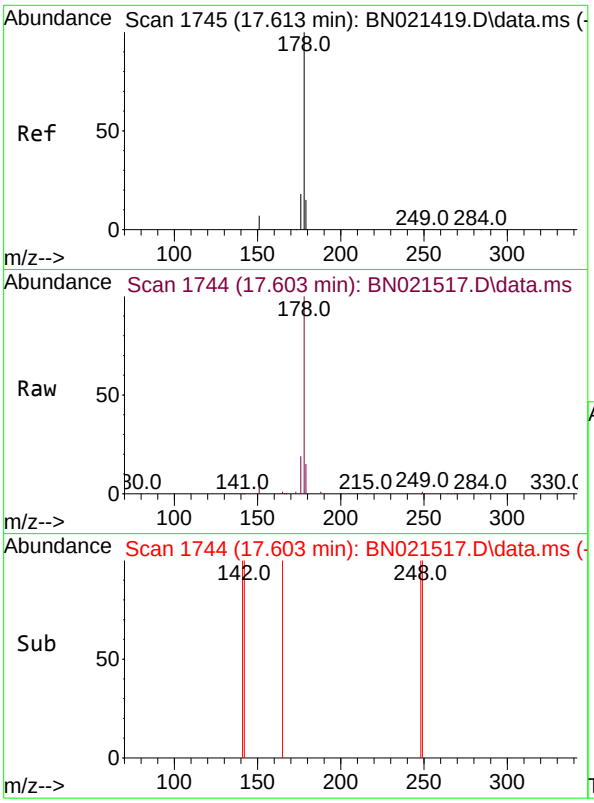


#25
Phenanthrene
Concen: 0.408 ng
RT: 17.511 min Scan# 1735
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:178 Resp: 24902

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



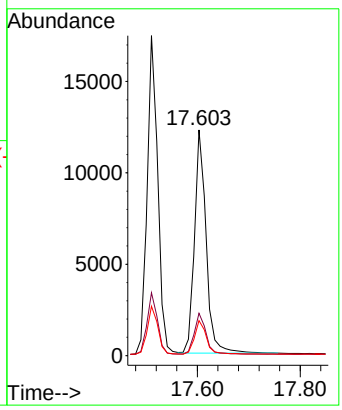


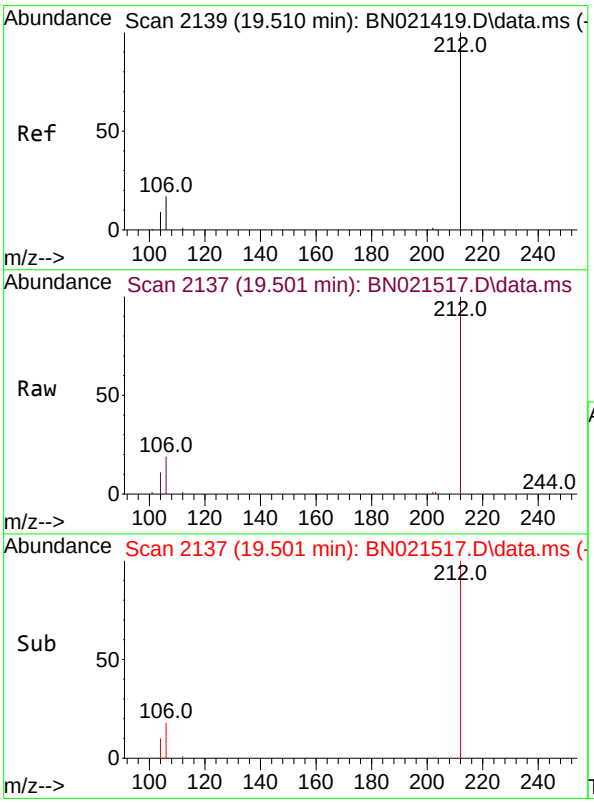
#26
Anthracene
Concen: 0.397 ng
RT: 17.603 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 19220

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.0	12.2	18.2

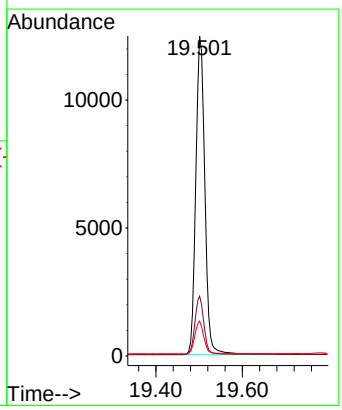


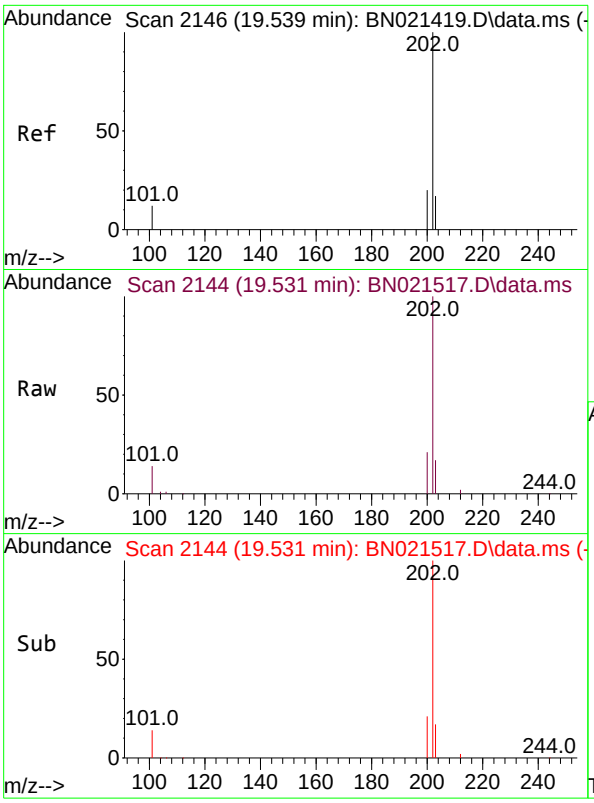


#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:212 Resp: 18168

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.2	21.2
104	10.2	7.8	11.6



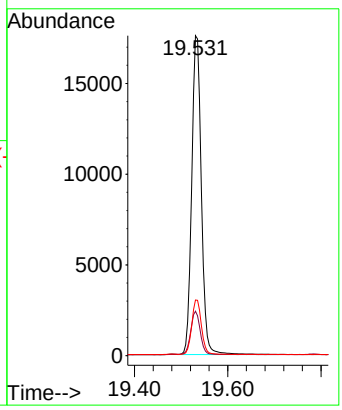


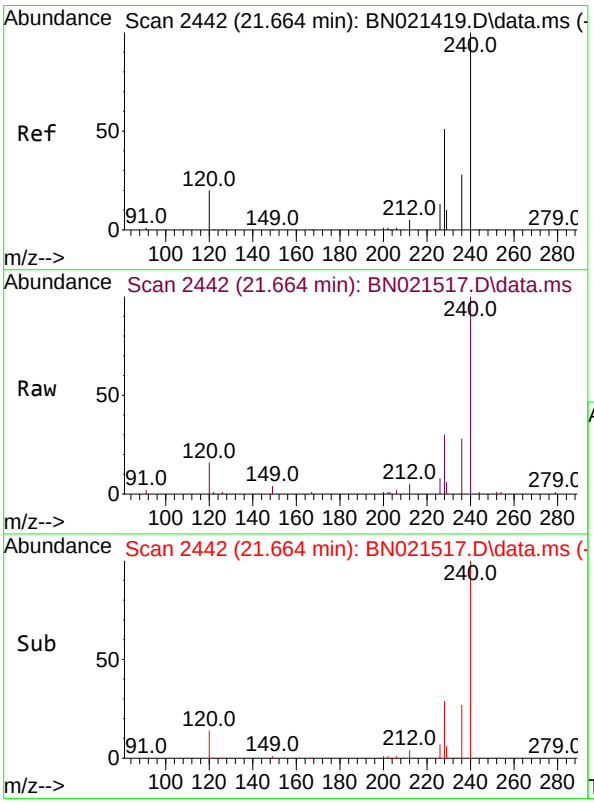
#28
Fluoranthene
Concen: 0.397 ng
RT: 19.531 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 25153

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
203	17.2	13.8	20.6

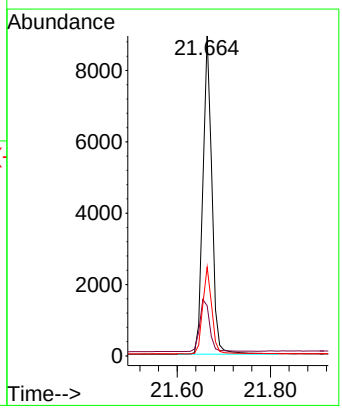


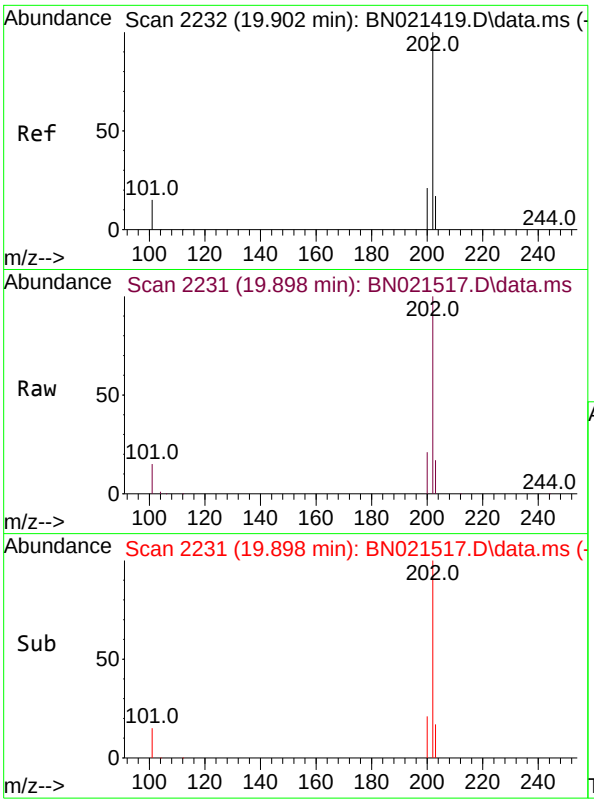


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:240 Resp: 11849

Ion	Ratio	Lower	Upper
240	100		
120	15.7	10.2	15.4#
236	27.8	22.1	33.1



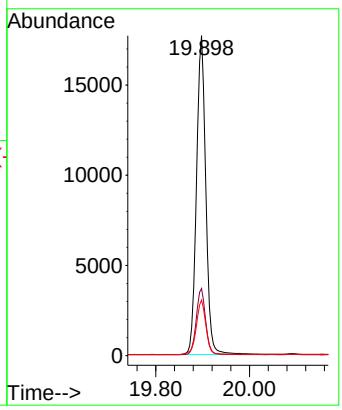


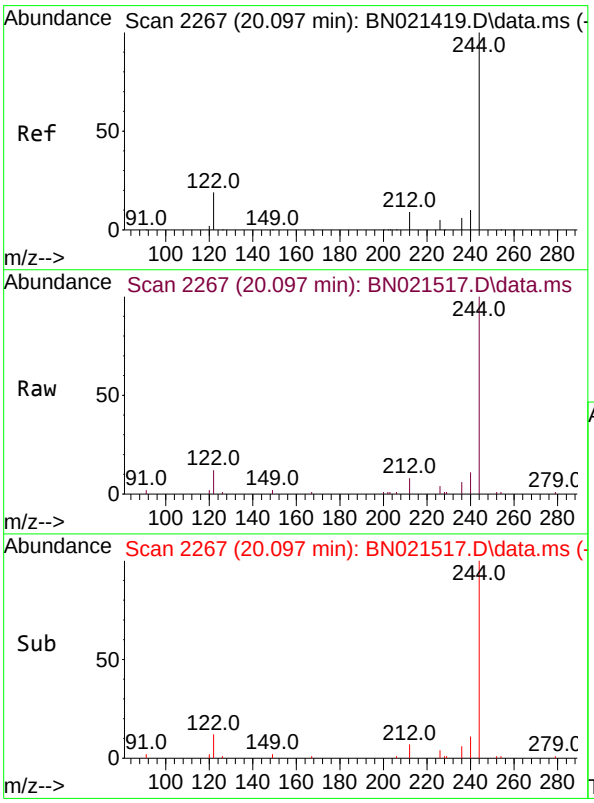
#30
Pyrene
Concen: 0.446 ng
RT: 19.898 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 28192

Ion	Ratio	Lower	Upper
202	100		
200	18.1	13.9	20.9
203	15.3	11.9	17.9

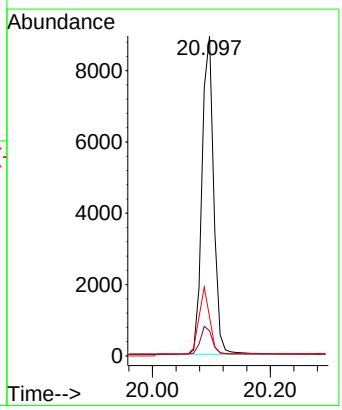


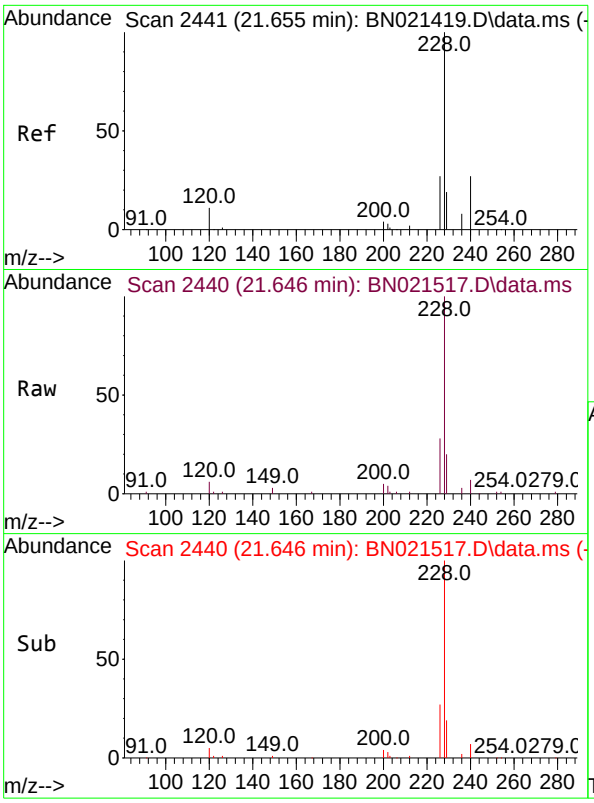


#31
Terphenyl-d14
Concen: 0.460 ng
RT: 20.097 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:244 Resp: 12248

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.1	9.1	13.7



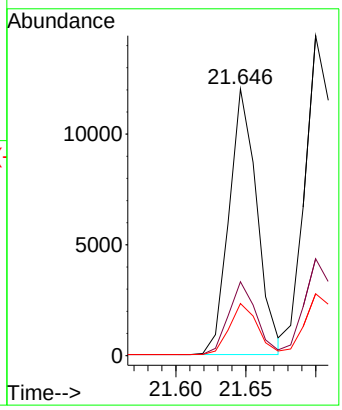


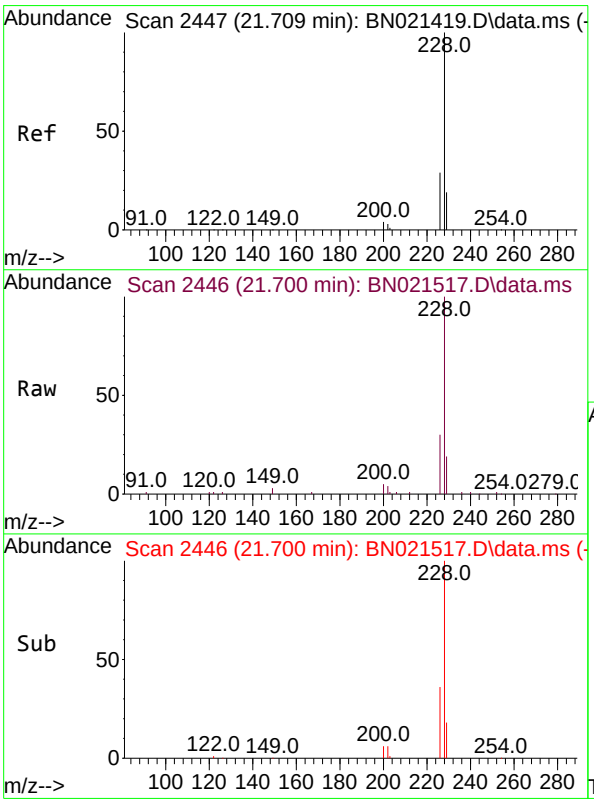
#32
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.646 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 16601

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.6	15.9	23.9

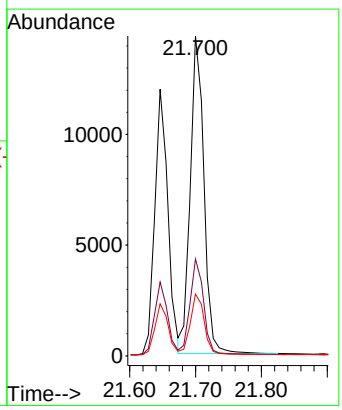


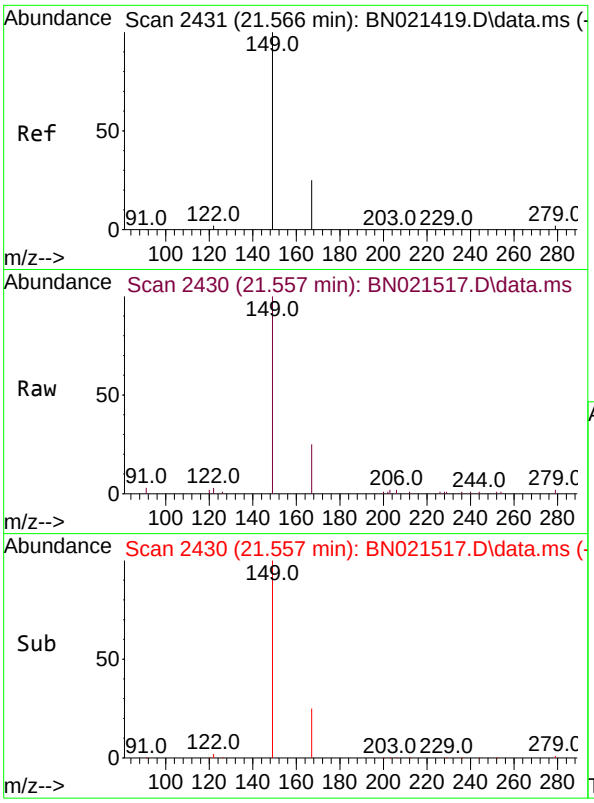


#33
Chrysene
Concen: 0.421 ng
RT: 21.700 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:228 Resp: 20682

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.4	15.9	23.9



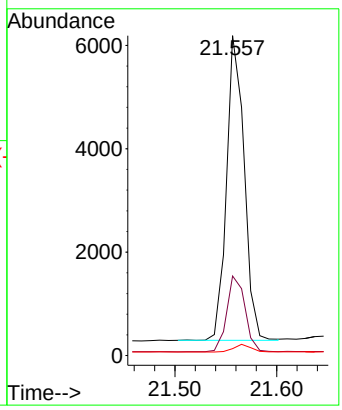


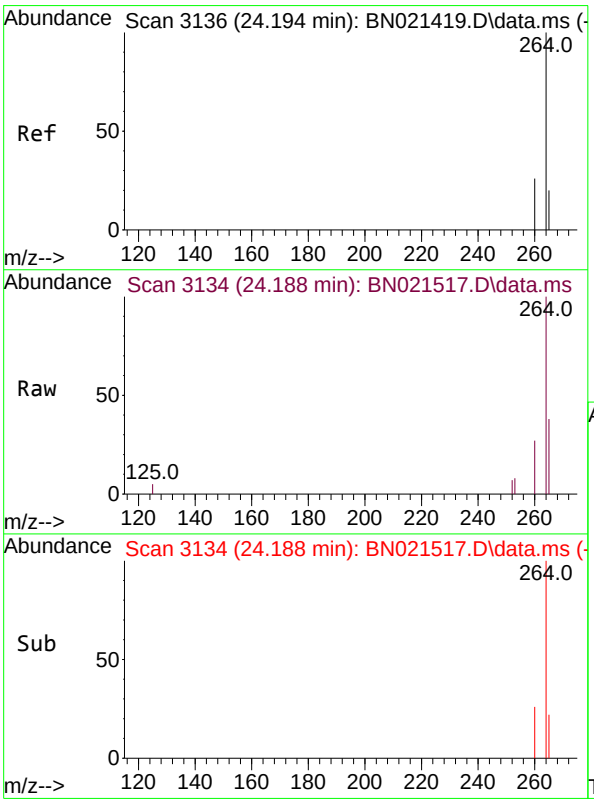
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.429 ng
RT: 21.557 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 7138

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.4	32.0
279	2.6	2.2	3.2

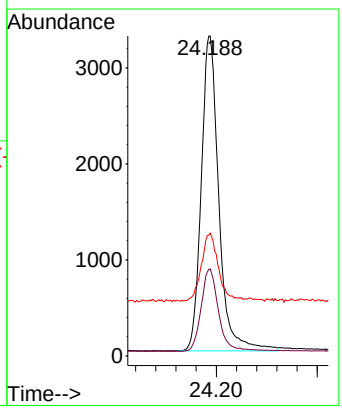


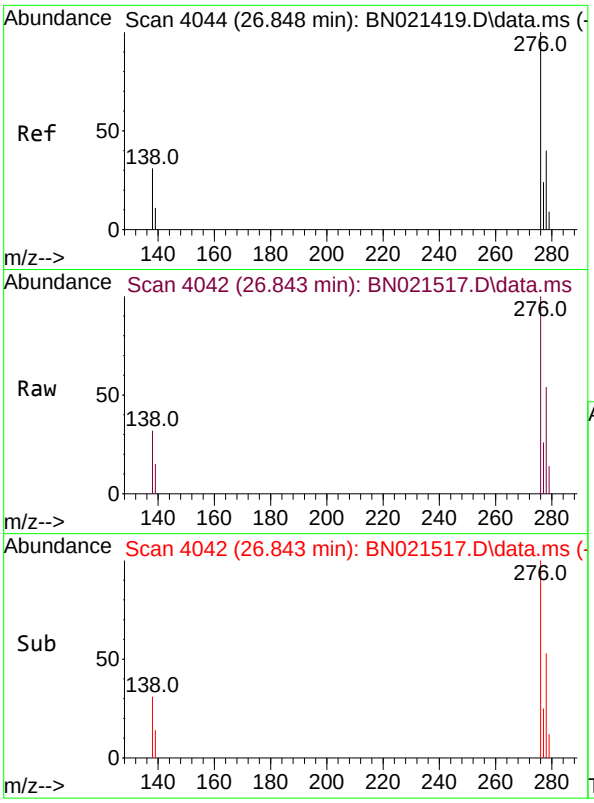


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.188 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:264 Resp: 7936

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.0	31.6
265	38.3	32.2	48.2



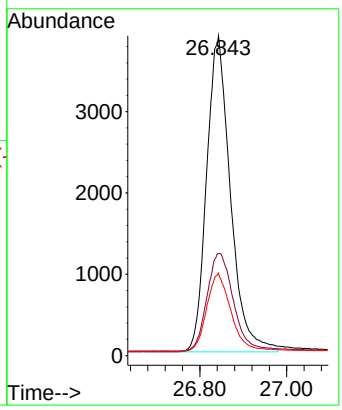


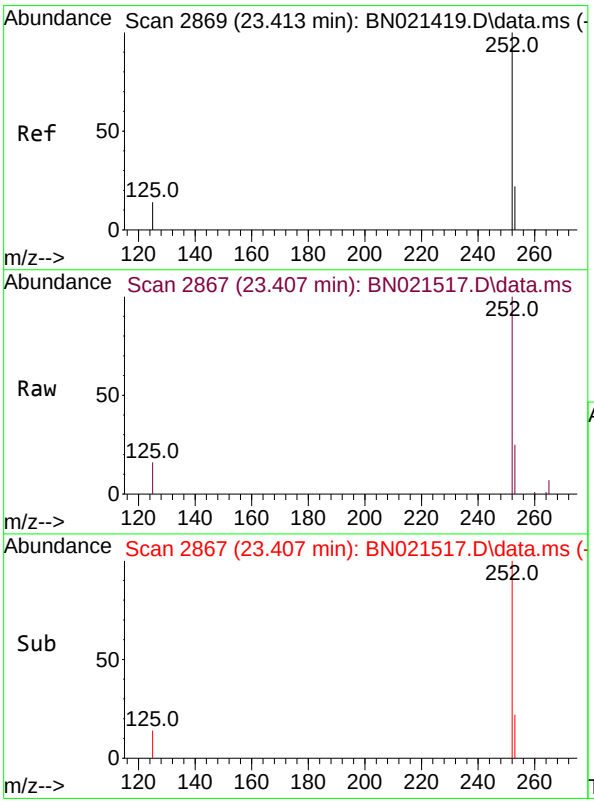
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng
RT: 26.843 min Scan# 40
Delta R.T. -0.006 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 14792

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.2
277	25.0	19.9	29.9

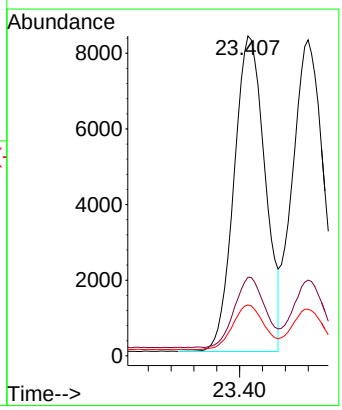


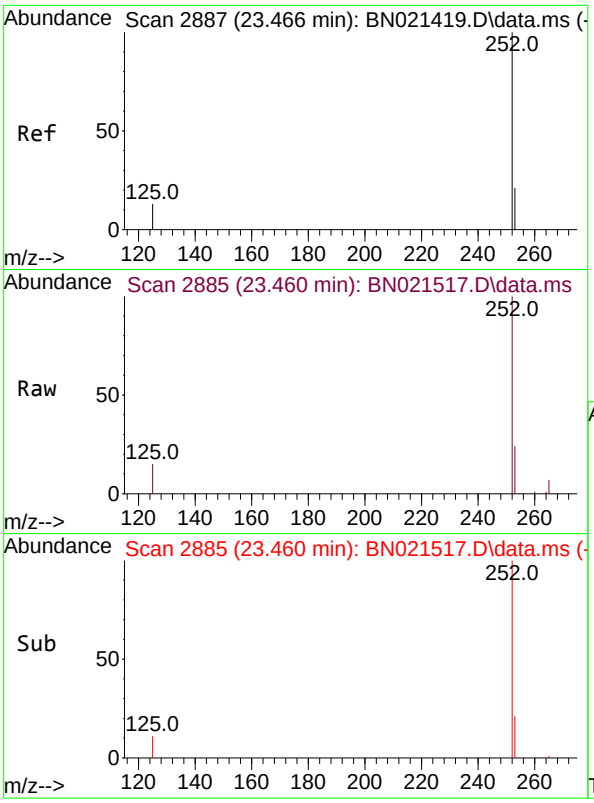


#37
Benzo(b)fluoranthene
Concen: 0.402 ng
RT: 23.407 min Scan# 2867
Delta R.T. -0.006 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:252 Resp: 15723

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.8	29.6
125	15.9	13.7	20.5



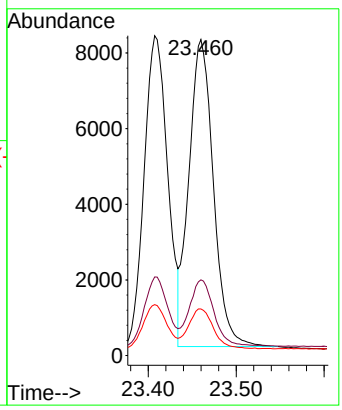


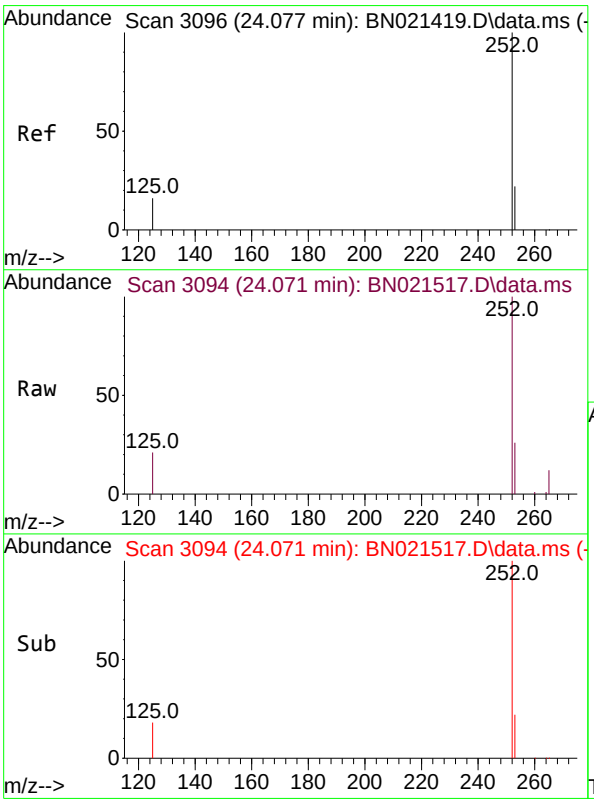
#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.460 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 15682

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.5	29.3
125	14.8	12.3	18.5

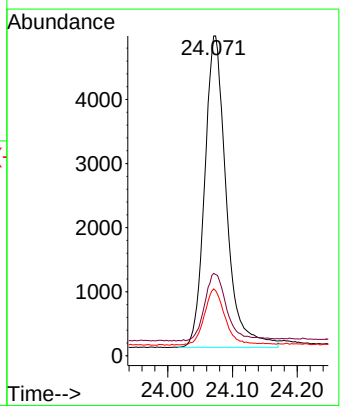


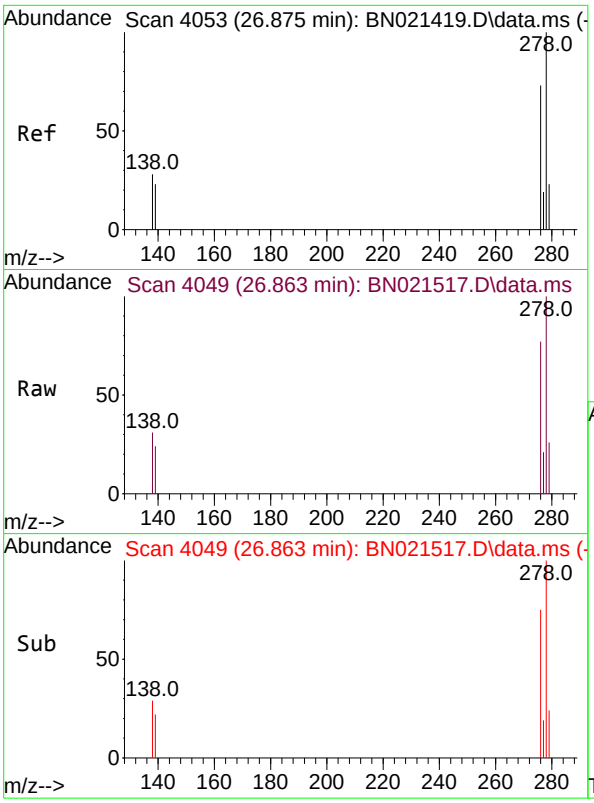


#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 24.071 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:252 Resp: 11280

Ion	Ratio	Lower	Upper
252	100		
253	25.8	21.1	31.7
125	20.9	16.6	25.0



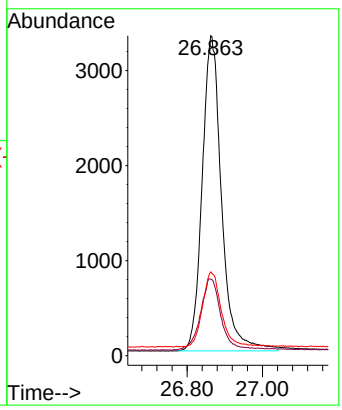


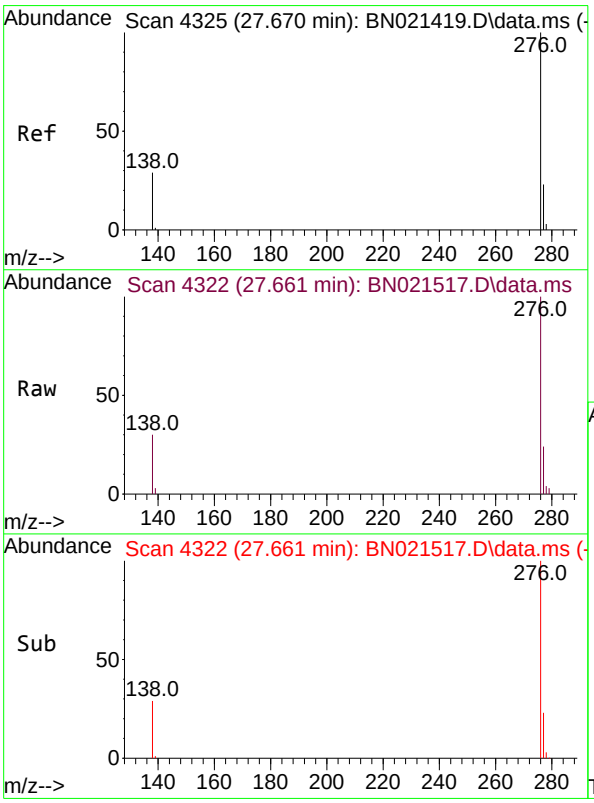
#40
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 26.863 min Scan# 40
Delta R.T. -0.012 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 11822

Ion	Ratio	Lower	Upper
278	100		
139	23.9	21.8	32.6
279	26.2	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 27.661 min Scan# 4322
Delta R.T. -0.009 min
Lab File: BN021517.D
Acq: 01 Sep 2022 08:36

Tgt Ion:276 Resp: 12532

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.7	29.5
138	30.1	23.7	35.5