Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021571.D
Acq On : 02 Sep 2022 21:06
Operator : CG/JU
Sample : PB147332BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Quant Time: Sep 03 03:10:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5593	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	18289	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	12361	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	27440	0.400	ng	0.00
29) Chrysene-d12	21.655	240	16947	0.400	ng	# 0.00
35) Perylene-d12	24.173	264	11939	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4842	0.442	ng	0.00
5) Phenol-d6	7.217	99	6196	0.444	ng	0.00
8) Nitrobenzene-d5	9.243	82	4878	0.395	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	17669	0.429	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1239	0.305	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	17328	0.321	ng	0.00
27) Fluoranthene-d10	19.497	212	18594	0.264	ng	0.00
31) Terphenyl-d14	20.088	244	12505	0.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2857	0.408	ng	# 87
3) n-Nitrosodimethylamine	3.743	42	2682	0.426	ng	# 94
6) bis(2-Chloroethyl)ether	7.484	93	7202	0.410	ng	96
9) Naphthalene	10.952	128	21110	0.390	ng	98
10) Hexachlorobutadiene	11.229	225	3606	0.385	ng	# 100
12) 2-Methylnaphthalene	12.180	142	3015	0.461	ng	# 94
16) Acenaphthylene	14.440	152	18071	0.311	ng	100
17) Acenaphthene	14.782	154	12958	0.317	ng	98
18) Fluorene	15.765	166	16289	0.323	ng	100
21) 4-Bromophenyl-phenylether	16.659	248	4949	0.288	ng	97
22) Hexachlorobenzene	16.772	284	6099	0.291	ng	99
23) Atrazine	16.916	200	2729	0.272	ng	97
24) Pentachlorophenol	17.121	266	1051	0.369	ng	99
25) Phenanthrene	17.511	178	27238	0.288	ng	100
26) Anthracene	17.603	178	21250	0.282	ng	99
28) Fluoranthene	19.531	202	25976	0.264	ng	100
30) Pyrene	19.893	202	28106	0.311	ng	# 94
32) Benzo(a)anthracene	21.637	228	16615	0.282	ng	98
33) Chrysene	21.691	228	19520	0.278	ng	98
34) Bis(2-ethylhexyl)phtha...	21.557	149	7030	0.296	ng	98
36) Indeno(1,2,3-cd)pyrene	26.825	276	16186	0.300	ng	99
37) Benzo(b)fluoranthene	23.399	252	15711	0.267	ng	99
38) Benzo(k)fluoranthene	23.451	252	15332	0.259	ng	99
39) Benzo(a)pyrene	24.062	252	11774	0.287	ng	99
40) Dibenzo(a,h)anthracene	26.848	278	12856	0.296	ng	97
41) Benzo(g,h,i)perylene	27.641	276	13551	0.285	ng	98

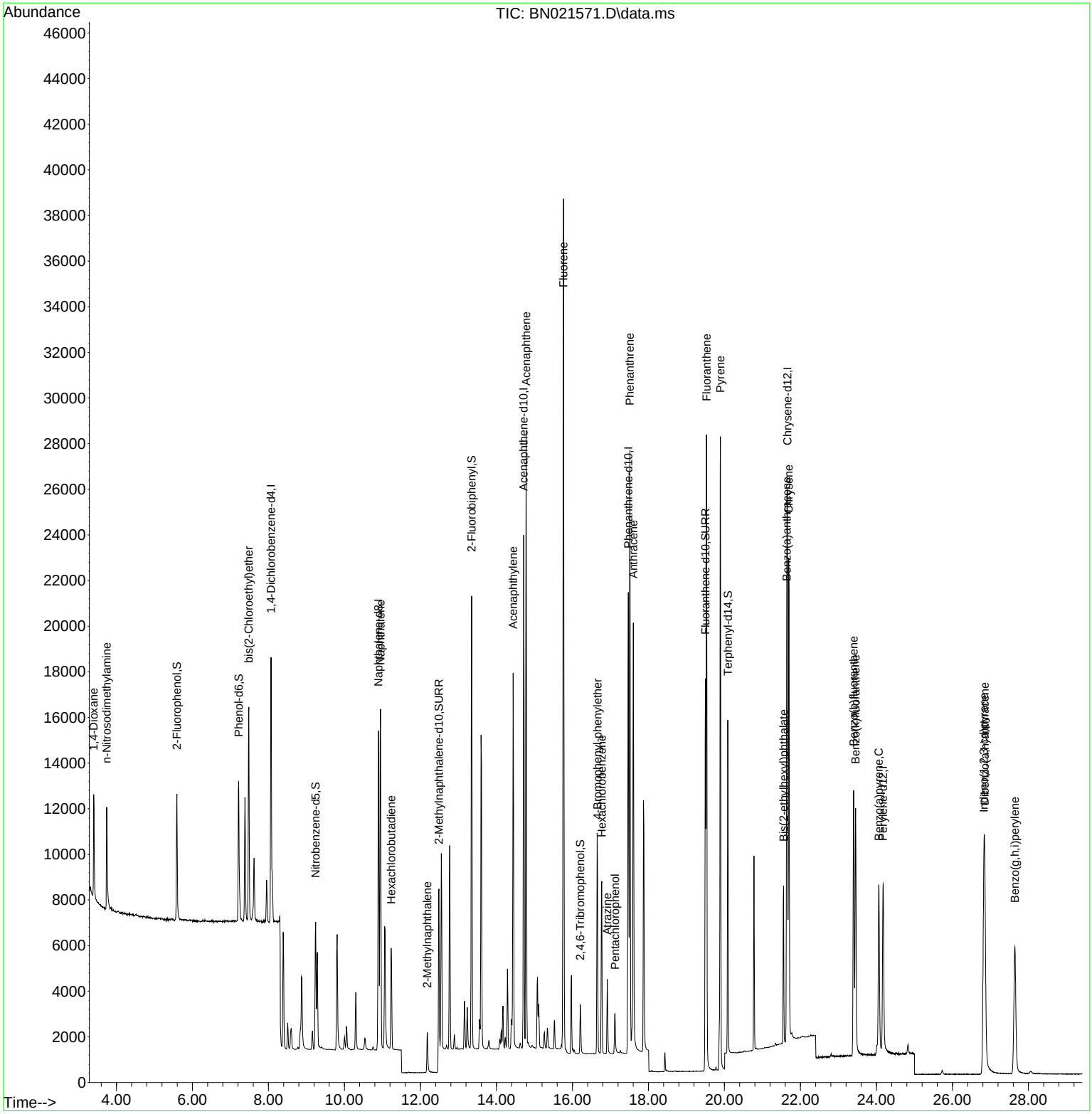
(#) = qualifier out of range (m) = manual integration (+) = signals summed

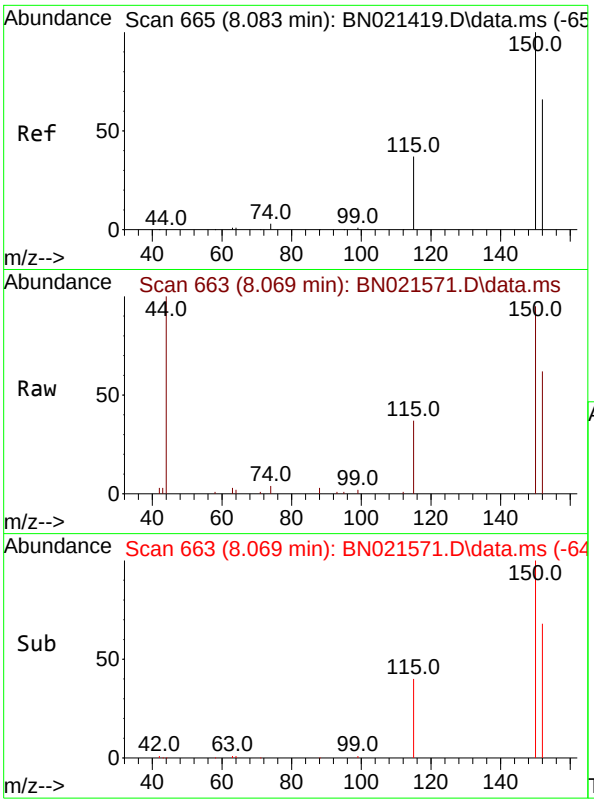
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021571.D
Acq On : 02 Sep 2022 21:06
Operator : CG/JU
Sample : PB147332BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Quant Time: Sep 03 03:10:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration



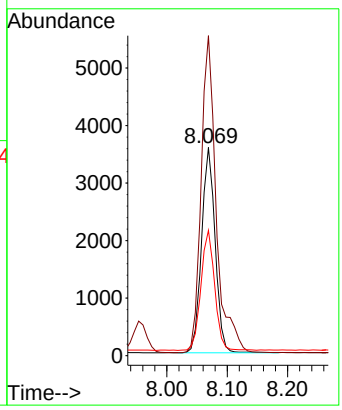


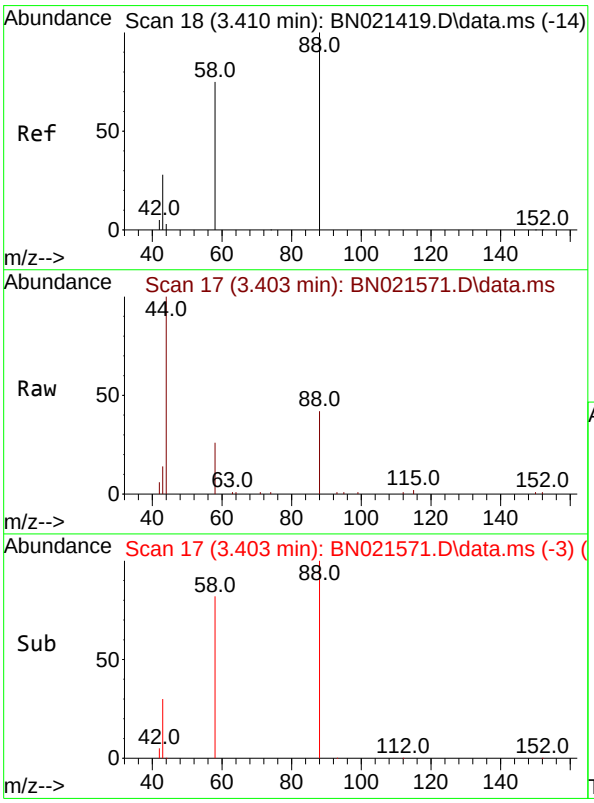
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:152 Resp: 5593

Ion	Ratio	Lower	Upper
152	100		
150	153.7	121.4	182.0
115	60.2	48.6	72.8

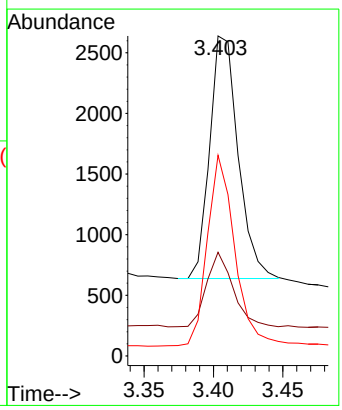


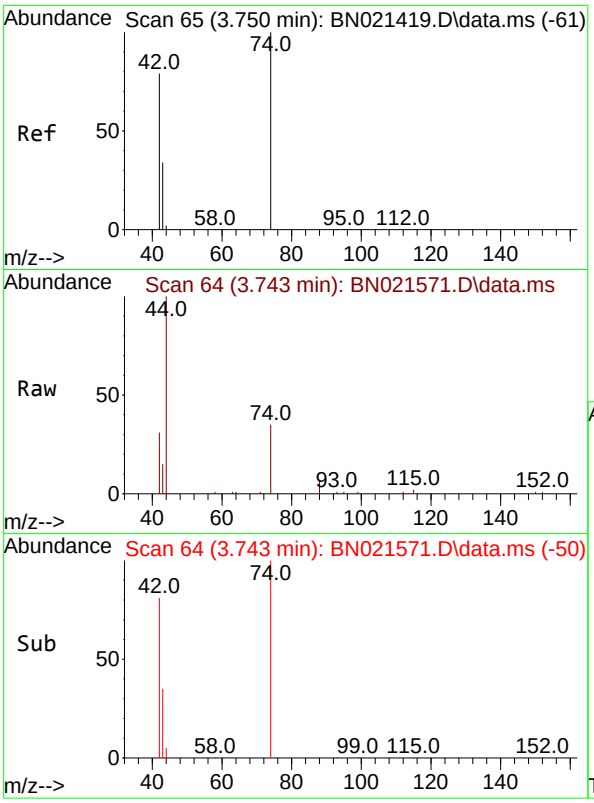


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion: 88 Resp: 2857

Ion	Ratio	Lower	Upper
88	100		
43	28.7	35.8	53.8#
58	76.0	57.1	85.7



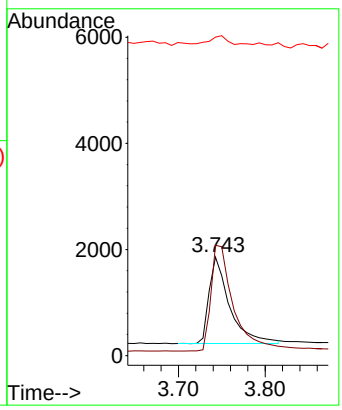


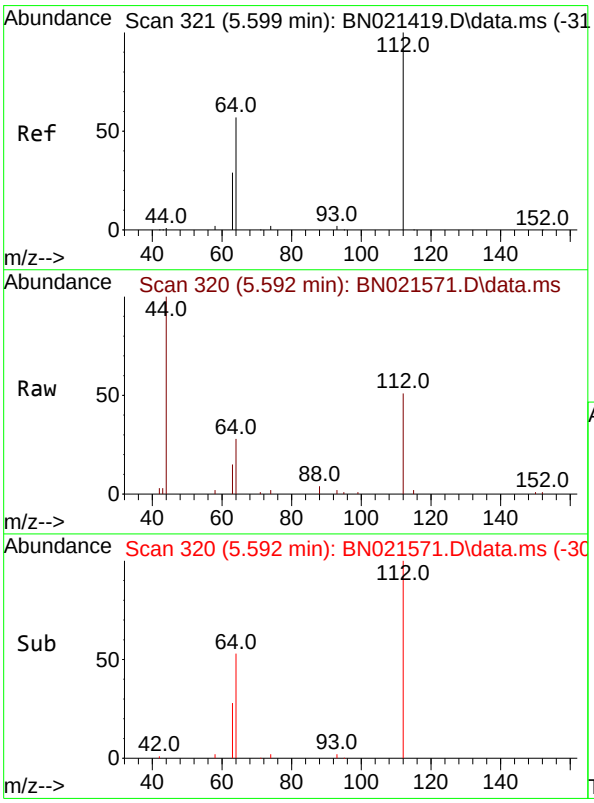
#3
n-Nitrosodimethylamine
Concen: 0.426 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion: 42 Resp: 2682

Ion	Ratio	Lower	Upper
42	100		
74	134.2	113.0	169.6
44	8.2	10.5	15.7#

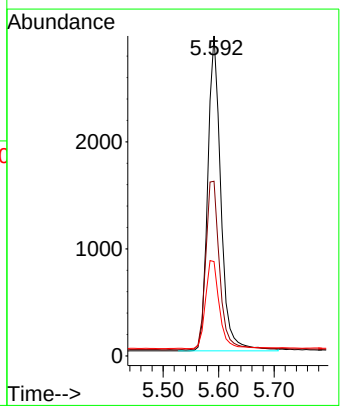


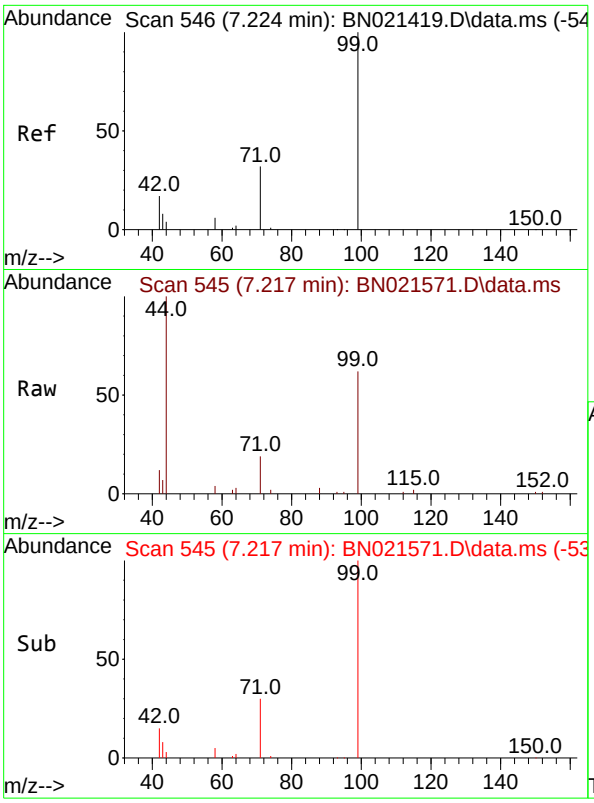


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:112 Resp: 4842

Ion	Ratio	Lower	Upper
112	100		
64	57.2	43.5	65.3
63	29.9	22.6	34.0



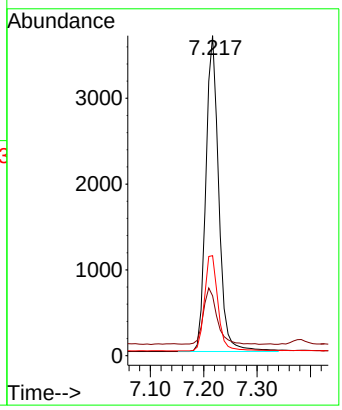


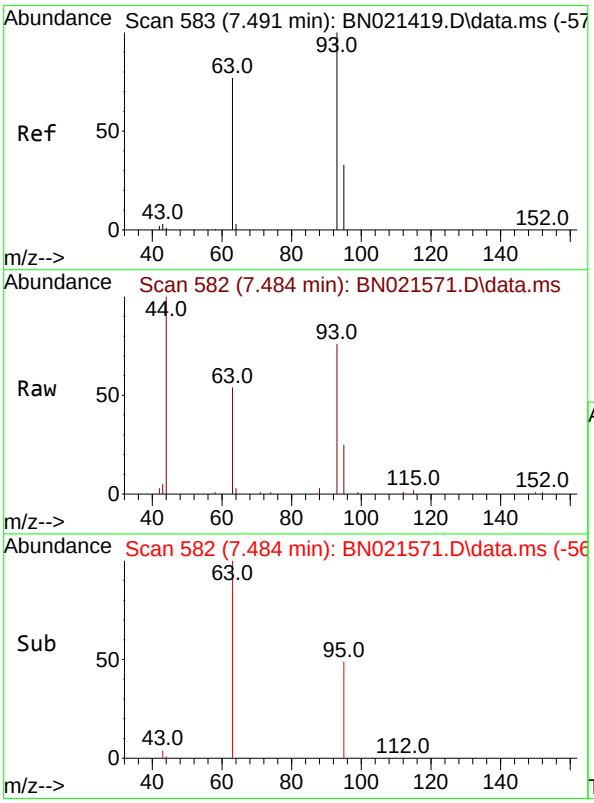
#5
Phenol-d6
Concen: 0.444 ng
RT: 7.217 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion: 99 Resp: 6196

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.5	23.3
71	31.8	24.2	36.2

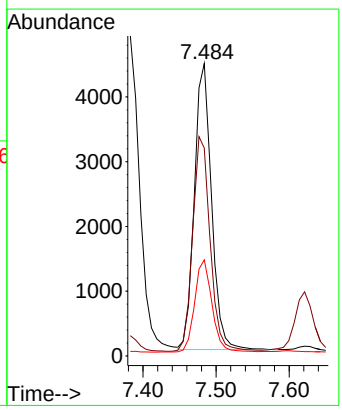


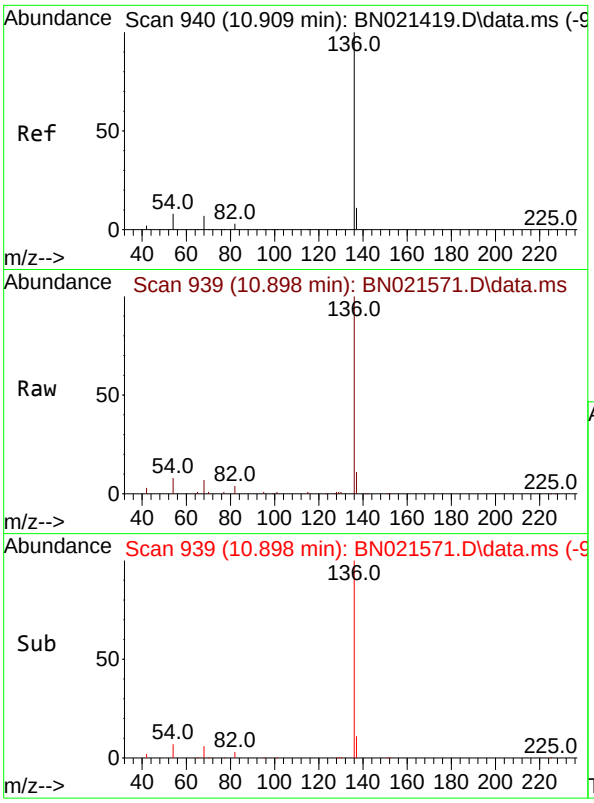


#6
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 7.484 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion: 93 Resp: 7202

Ion	Ratio	Lower	Upper
93	100		
63	76.3	57.8	86.8
95	32.8	25.9	38.9



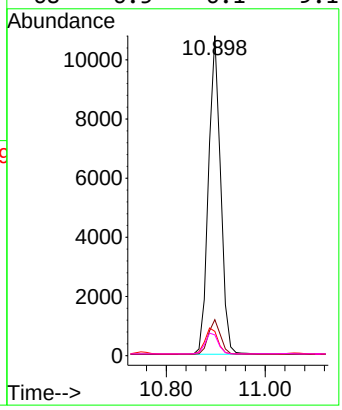


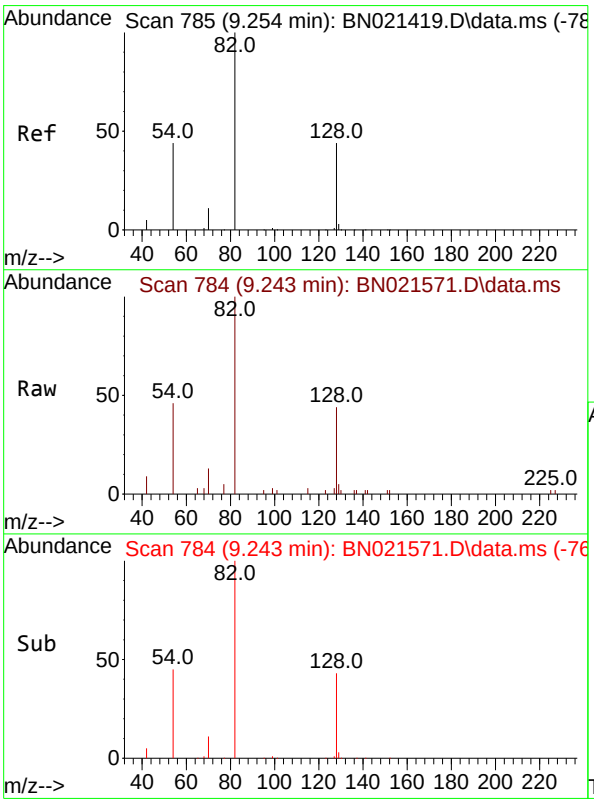
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:136 Resp: 18289

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.6	6.9	10.3
68	6.5	6.1	9.1

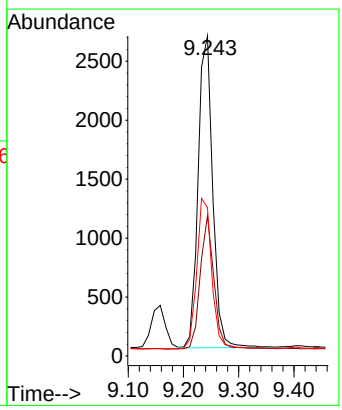


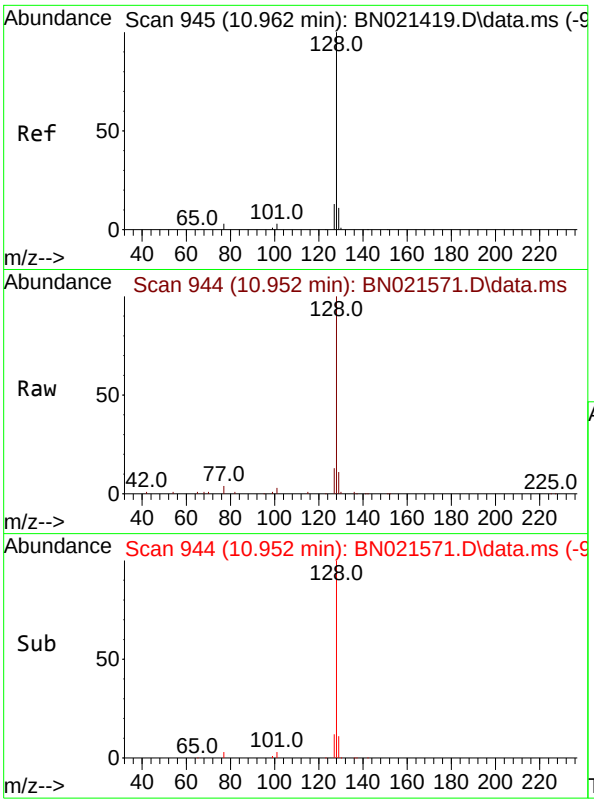


#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion: 82 Resp: 4878

Ion	Ratio	Lower	Upper
82	100		
128	43.9	30.9	46.3
54	46.3	42.7	64.1



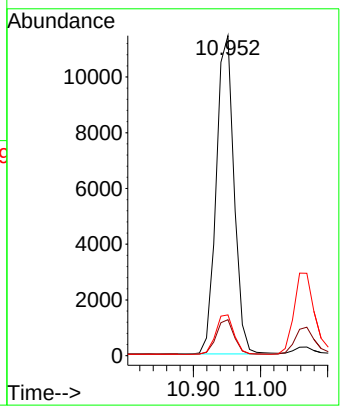


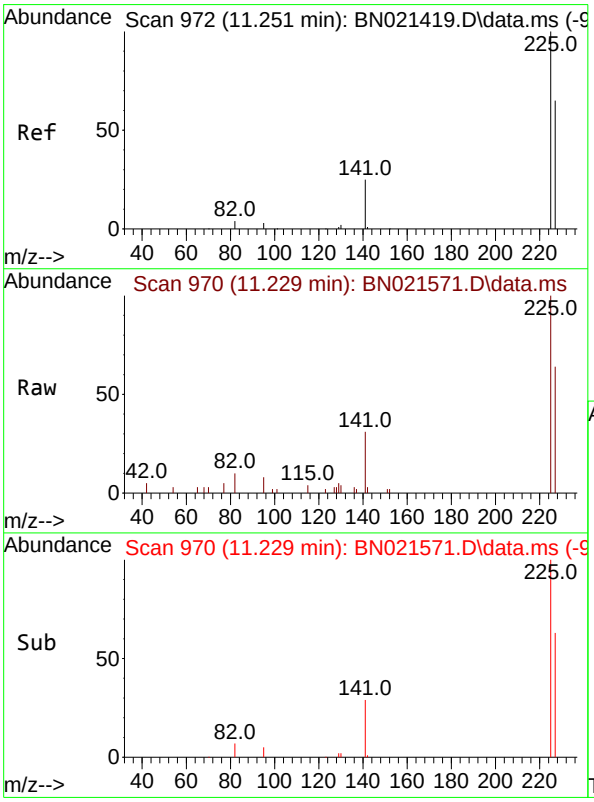
#9
Naphthalene
Concen: 0.390 ng
RT: 10.952 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:128 Resp: 21110

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	12.8	11.0	16.4

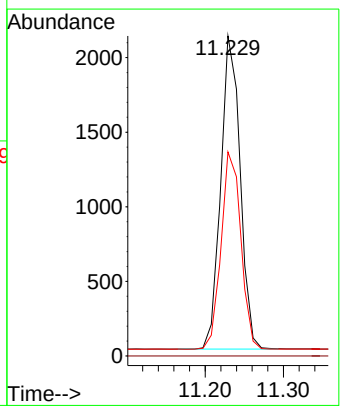


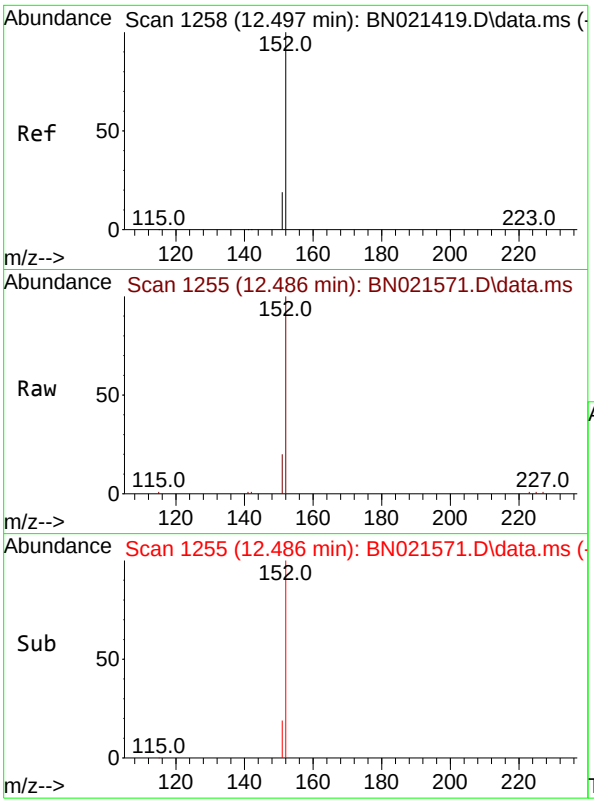


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 11.229 min Scan# 970
Delta R.T. -0.011 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:225 Resp: 3606

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.2	76.8



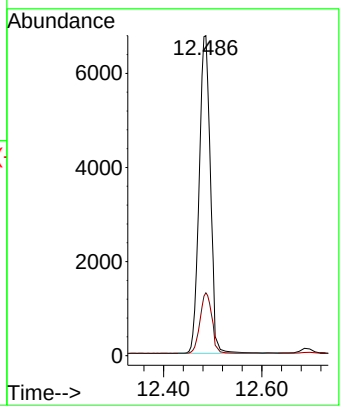


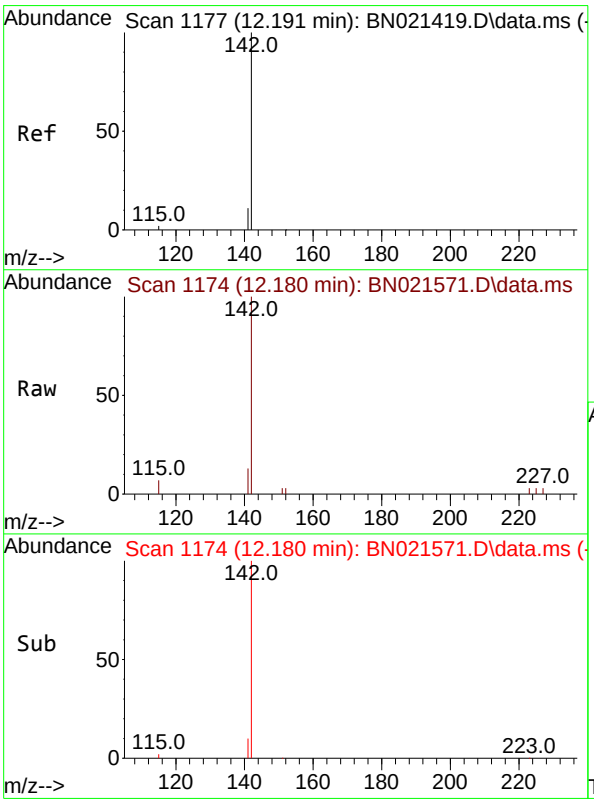
#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:152 Resp: 17669

Ion	Ratio	Lower	Upper
152	100		
151	18.3	14.5	21.7

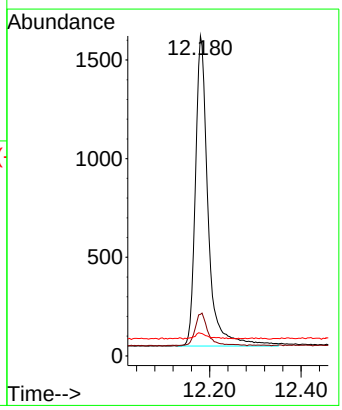


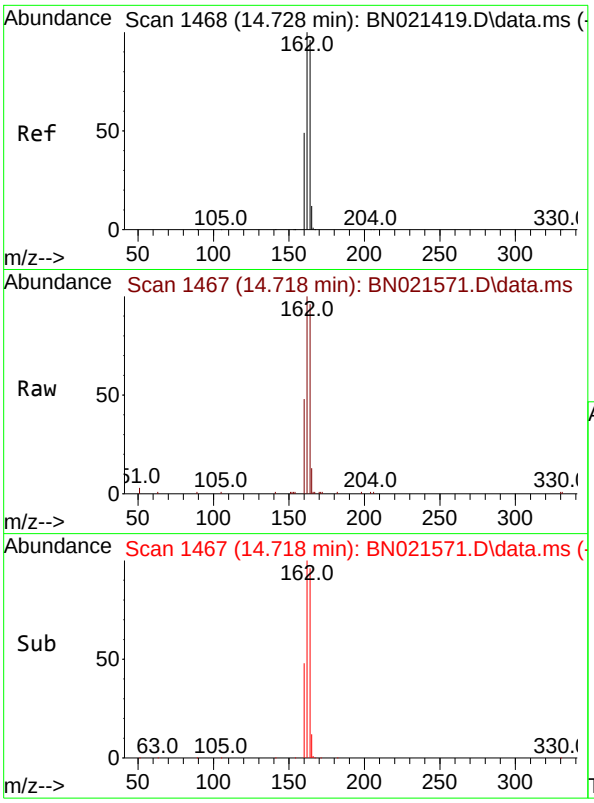


#12
2-Methylnaphthalene
Concen: 0.461 ng
RT: 12.180 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:142 Resp: 3015

Ion	Ratio	Lower	Upper
142	100		
141	13.0	12.2	18.2
115	7.1	7.9	11.9#



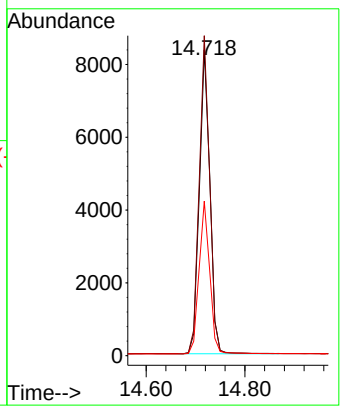


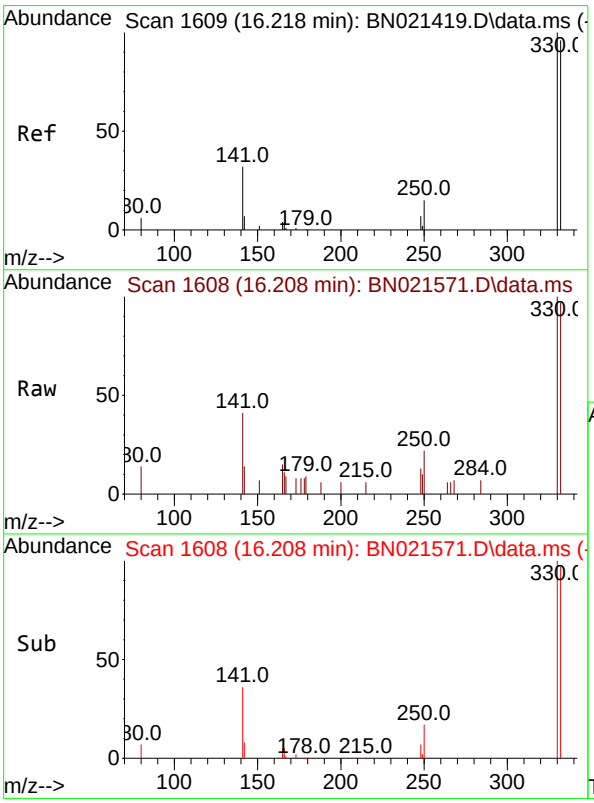
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:164 Resp: 12361

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.2	123.4
160	50.5	39.5	59.3

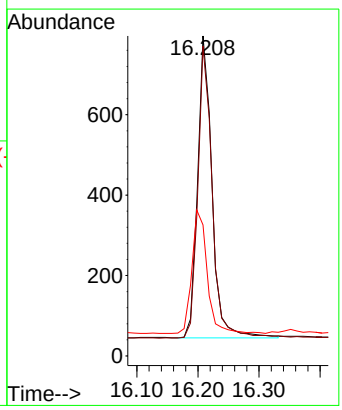


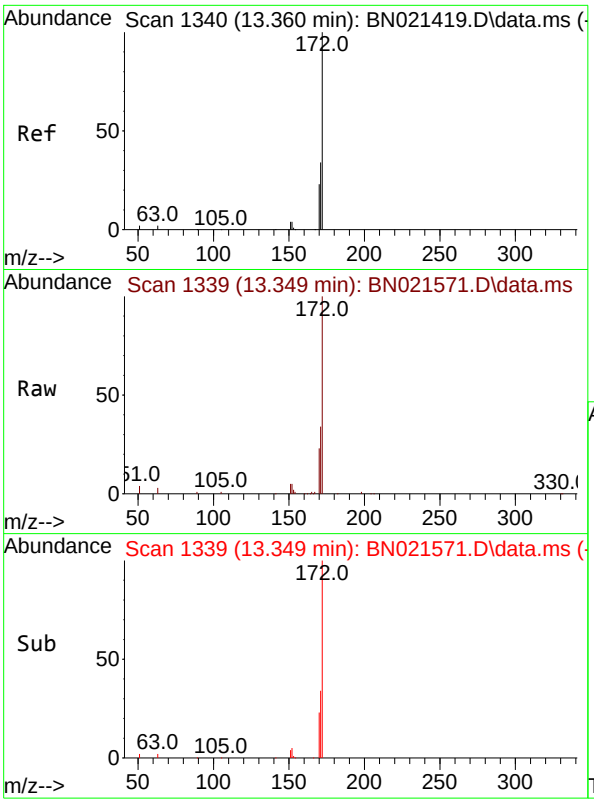


#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.010 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:330 Resp: 1239

Ion	Ratio	Lower	Upper
330	100		
332	96.4	79.3	118.9
141	43.1	37.1	55.7



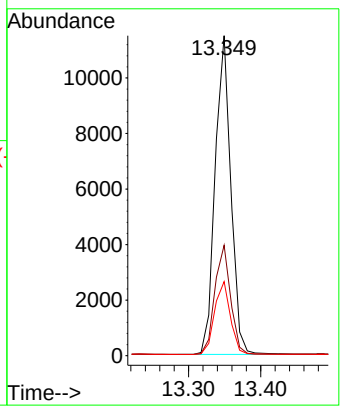


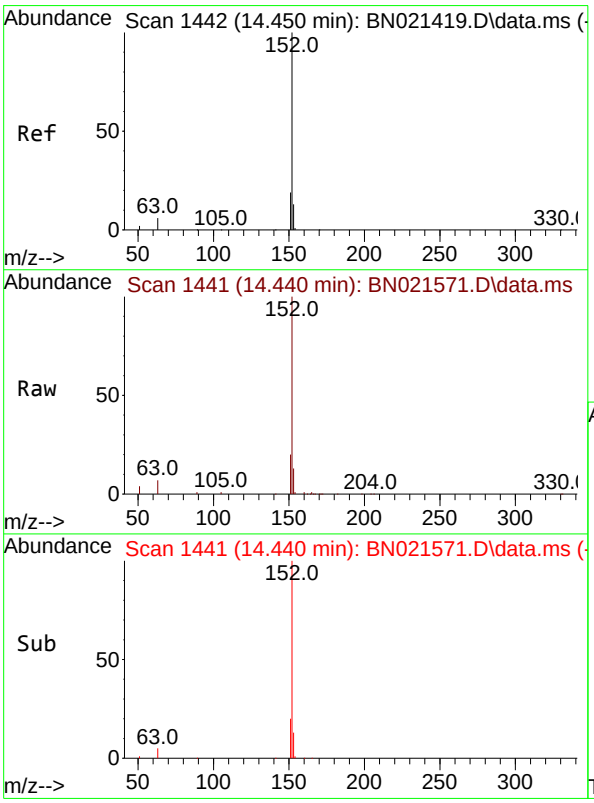
#15
2-Fluorobiphenyl
Concen: 0.321 ng
RT: 13.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:172 Resp: 17328

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.2	18.6	28.0

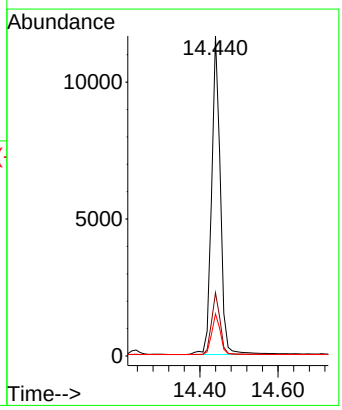


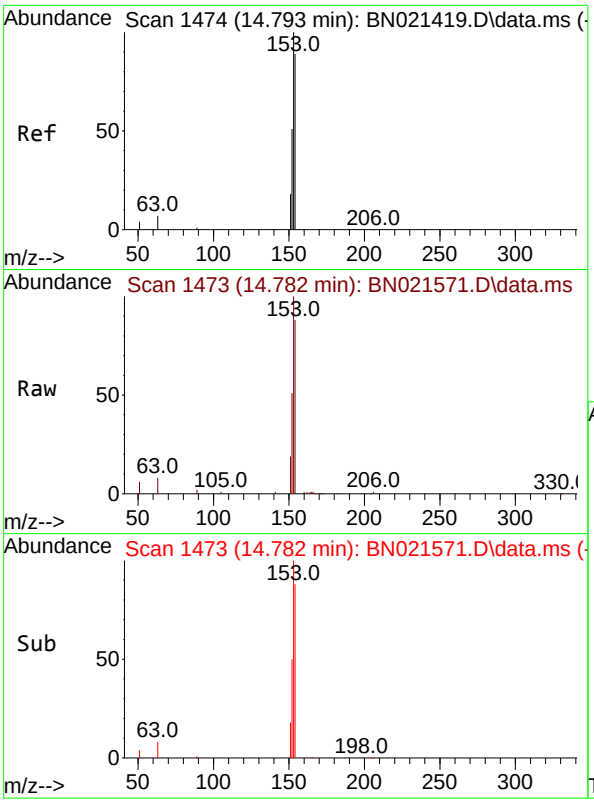


#16
Acenaphthylene
Concen: 0.311 ng
RT: 14.440 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:152 Resp: 18071

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.8	10.3	15.5



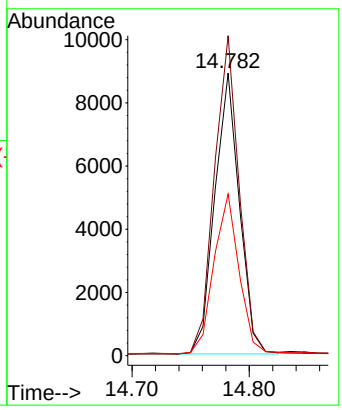


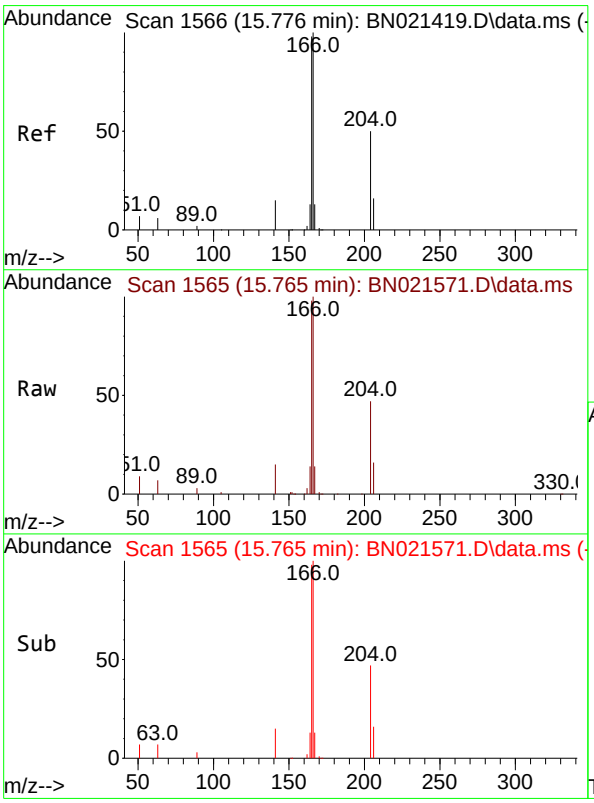
#17
Acenaphthene
Concen: 0.317 ng
RT: 14.782 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:154 Resp: 12958

Ion	Ratio	Lower	Upper
154	100		
153	114.4	89.5	134.3
152	58.2	45.5	68.3

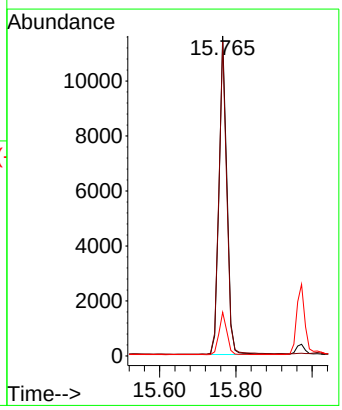


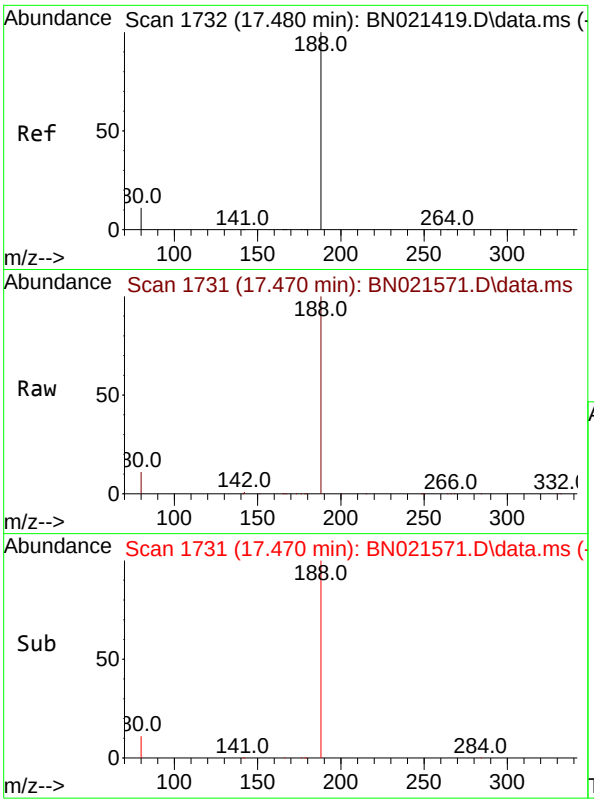


#18
Fluorene
Concen: 0.323 ng
RT: 15.765 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:166 Resp: 16289

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.7	118.1
167	13.4	10.6	16.0



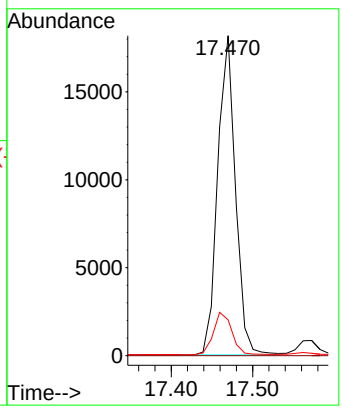


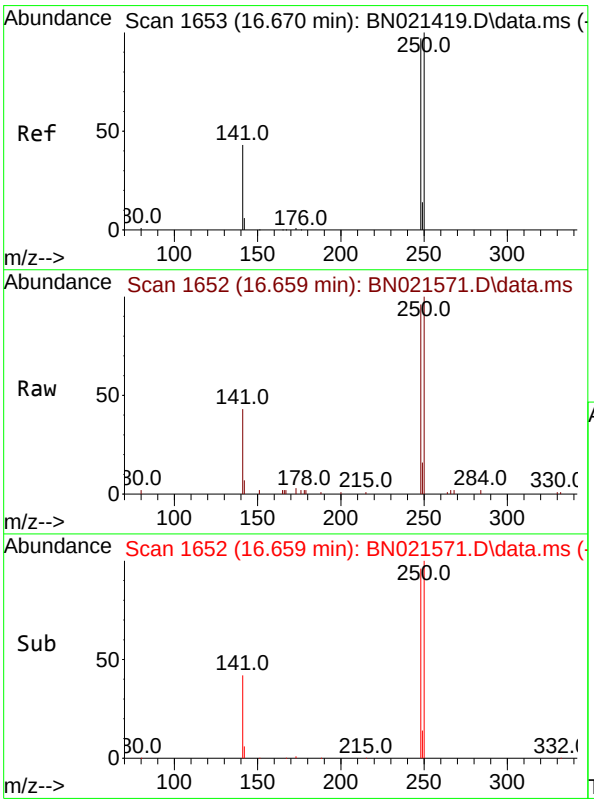
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:188 Resp: 27440

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	9.5	14.3

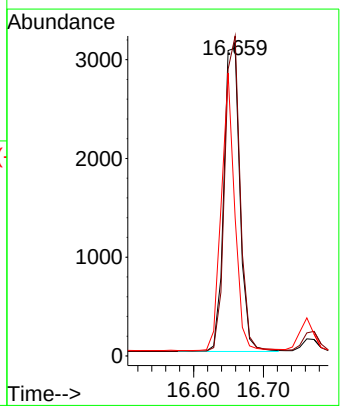


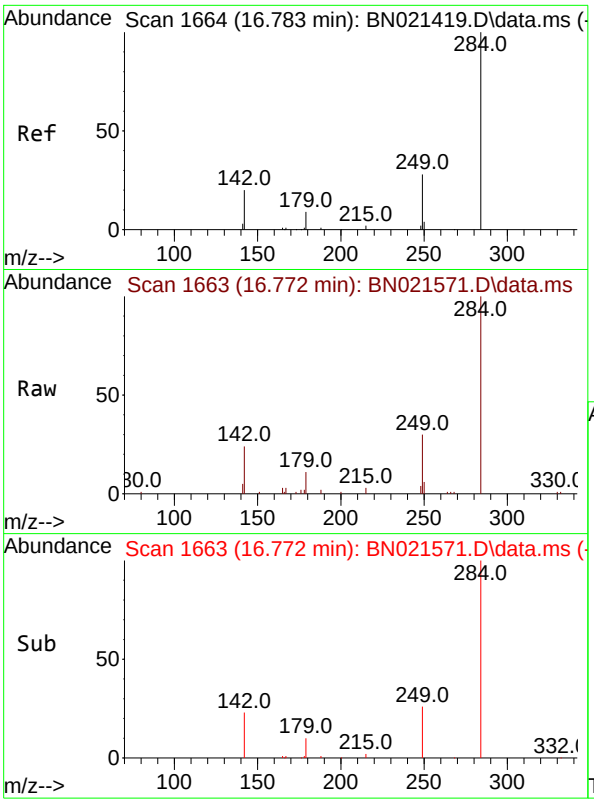


#21
4-Bromophenyl-phenylether
Concen: 0.288 ng
RT: 16.659 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:248 Resp: 4949

Ion	Ratio	Lower	Upper
248	100		
250	103.9	81.8	122.6
141	44.9	38.5	57.7



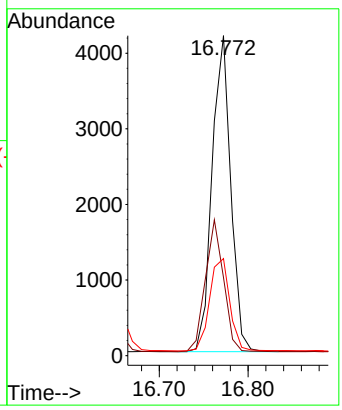


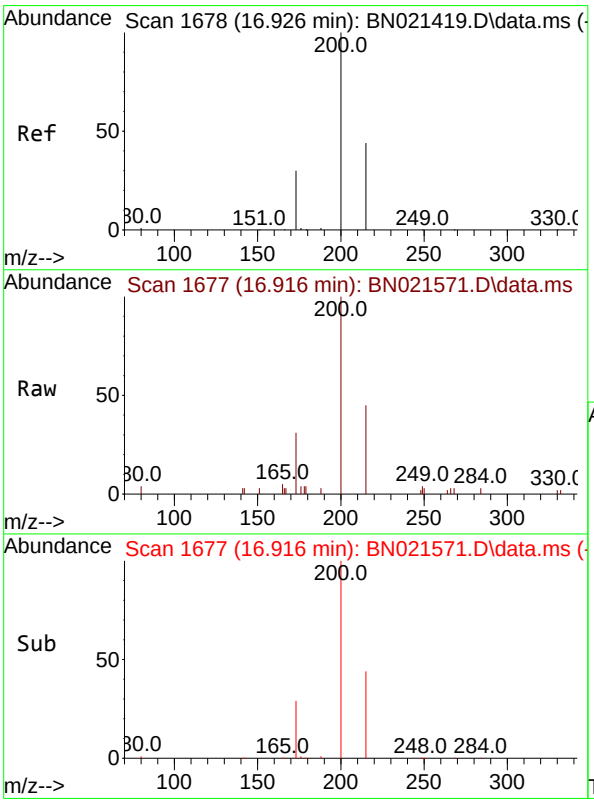
#22
Hexachlorobenzene
Concen: 0.291 ng
RT: 16.772 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:284 Resp: 6099

Ion	Ratio	Lower	Upper
284	100		
142	40.7	32.3	48.5
249	31.5	25.4	38.2

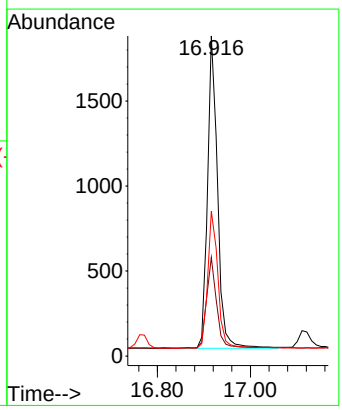


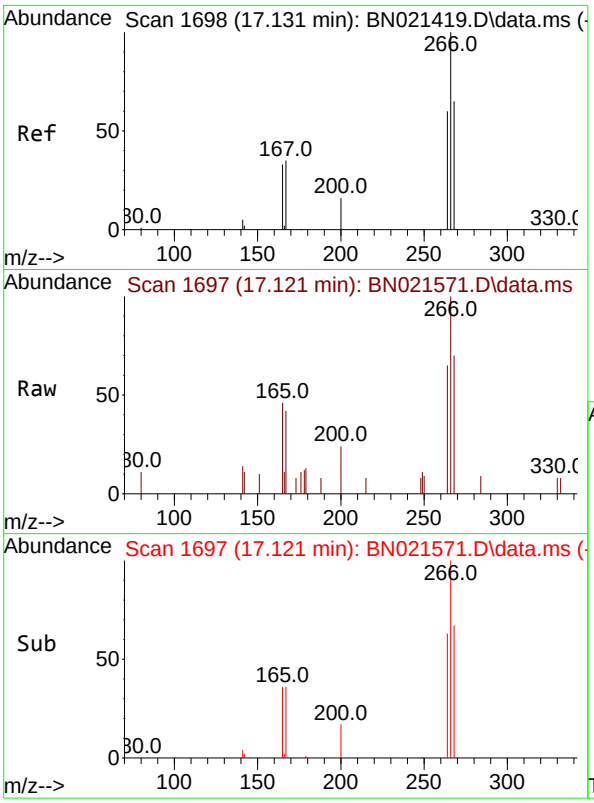


#23
Atrazine
Concen: 0.272 ng
RT: 16.916 min Scan# 1677
Delta R.T. -0.010 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:200 Resp: 2729

Ion	Ratio	Lower	Upper
200	100		
173	30.8	24.3	36.5
215	45.2	38.4	57.6



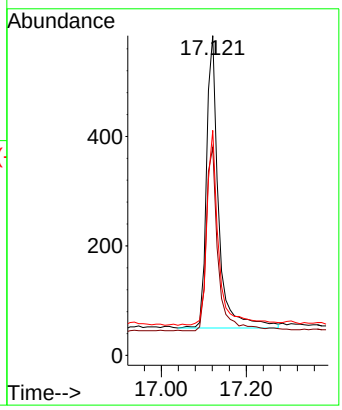


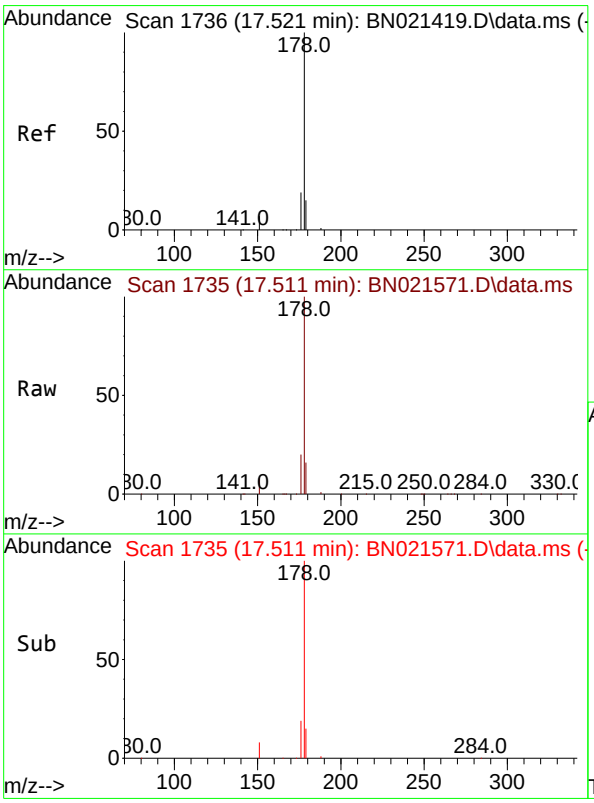
#24
Pentachlorophenol
Concen: 0.369 ng
RT: 17.121 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:266 Resp: 1051

Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.0	73.6
268	65.1	50.9	76.3

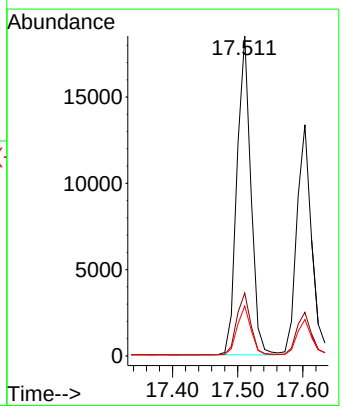


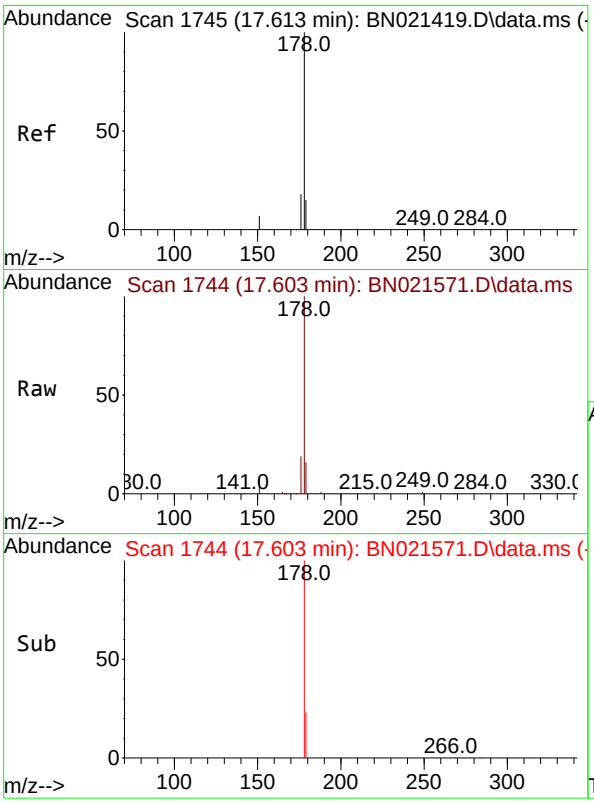


#25
Phenanthrene
Concen: 0.288 ng
RT: 17.511 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:178 Resp: 27238

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.2	18.4



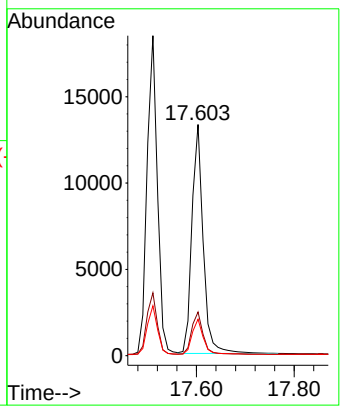


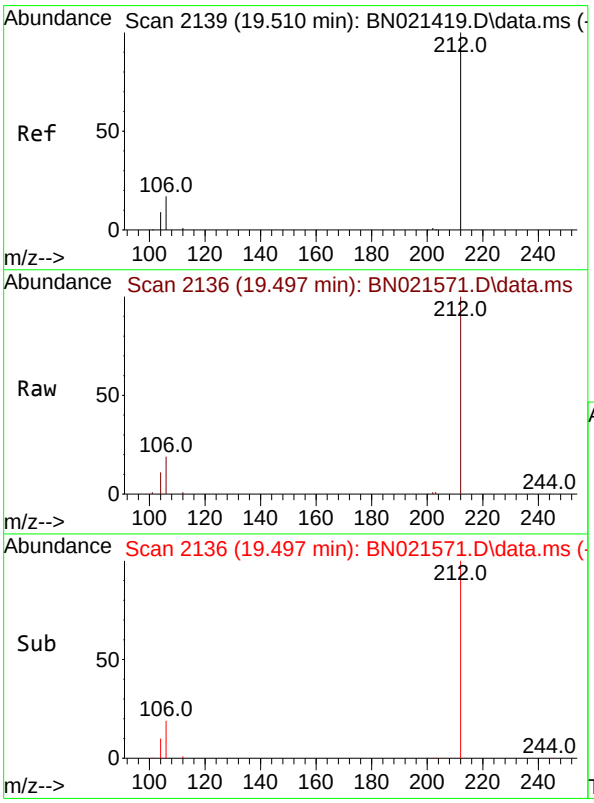
#26
Anthracene
Concen: 0.282 ng
RT: 17.603 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:178 Resp: 21250

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.1	12.2	18.2

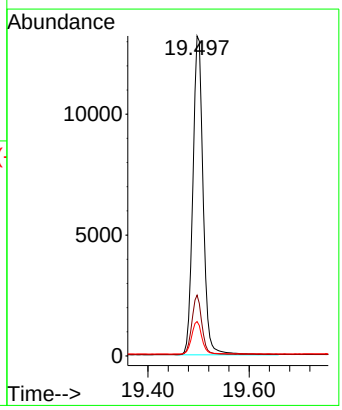


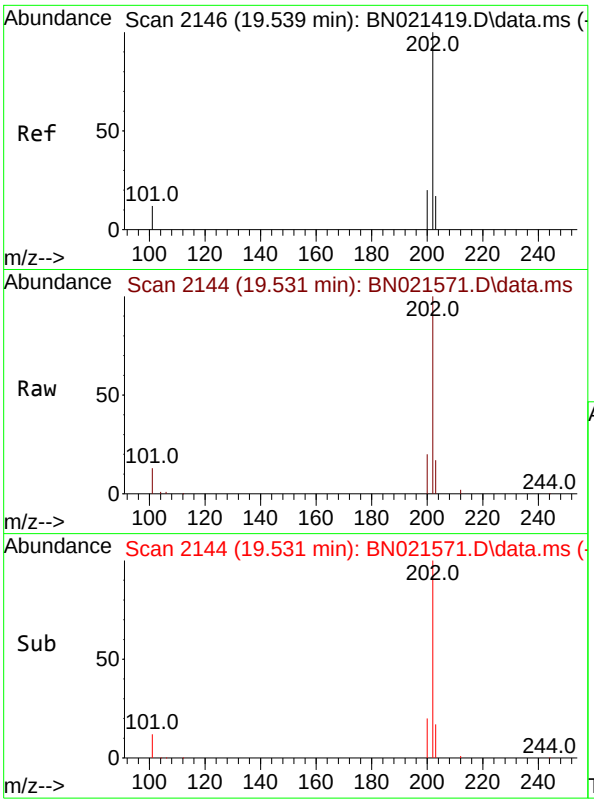


#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.497 min Scan# 2136
Delta R.T. -0.004 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:212 Resp: 18594

Ion	Ratio	Lower	Upper
212	100		
106	18.3	14.2	21.2
104	10.2	7.8	11.6



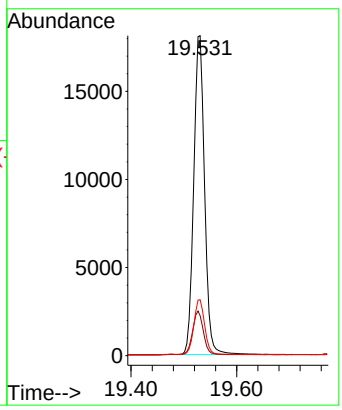


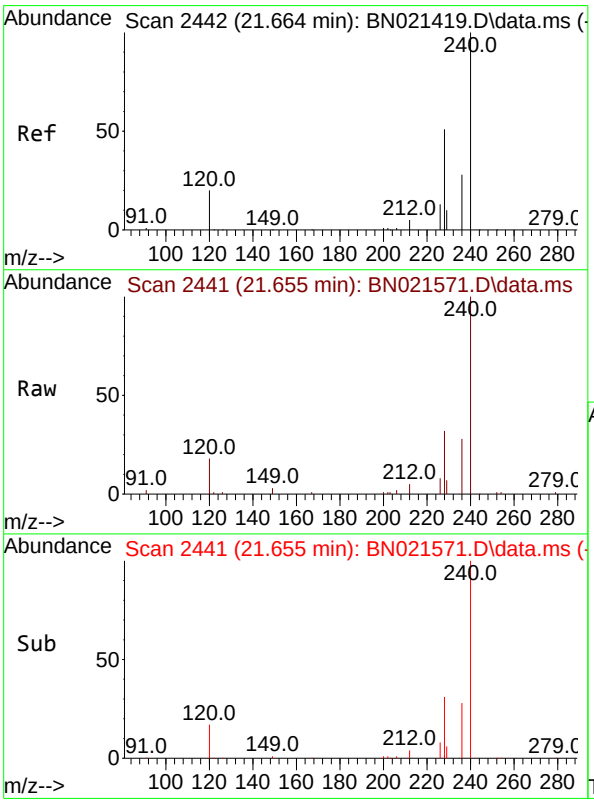
#28
Fluoranthene
Concen: 0.264 ng
RT: 19.531 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:202 Resp: 25976

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

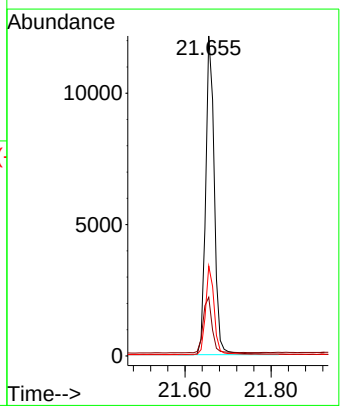


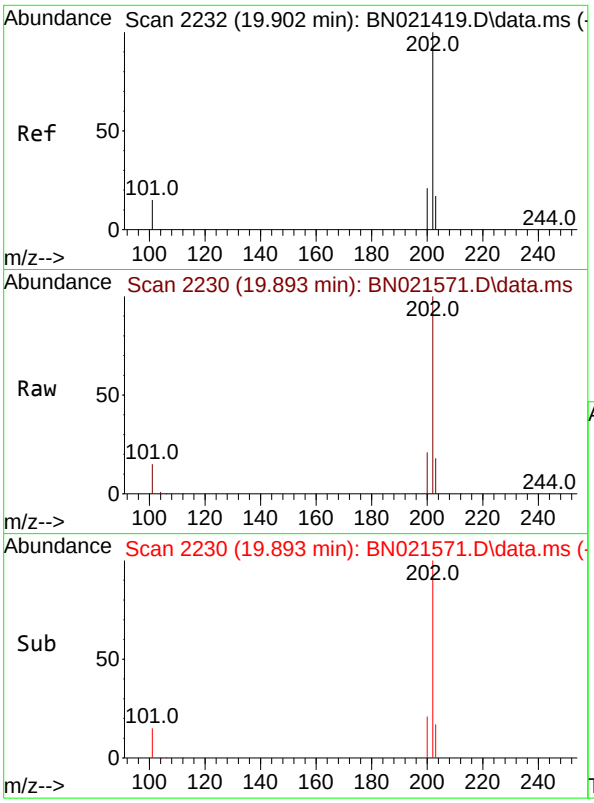


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:240 Resp: 16947

Ion	Ratio	Lower	Upper
240	100		
120	18.3	10.2	15.4#
236	28.1	22.1	33.1



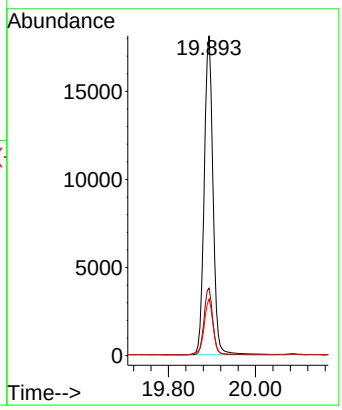


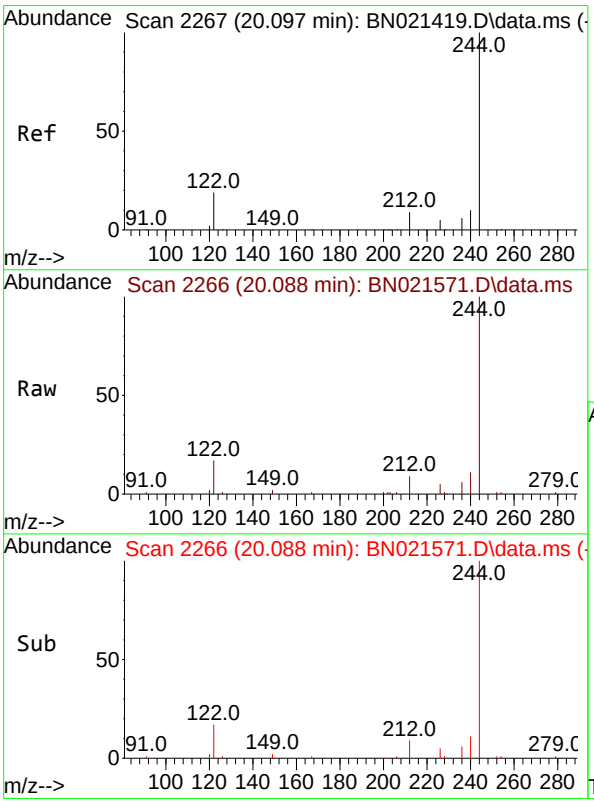
#30
Pyrene
Concen: 0.311 ng
RT: 19.893 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:202 Resp: 28106

Ion	Ratio	Lower	Upper
202	100		
200	21.1	13.9	20.9#
203	16.0	11.9	17.9

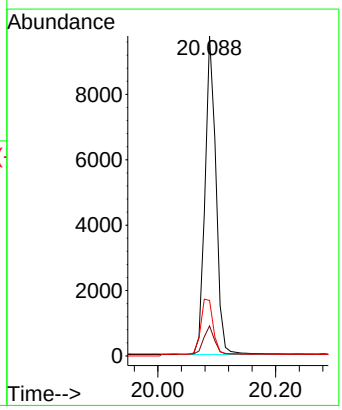


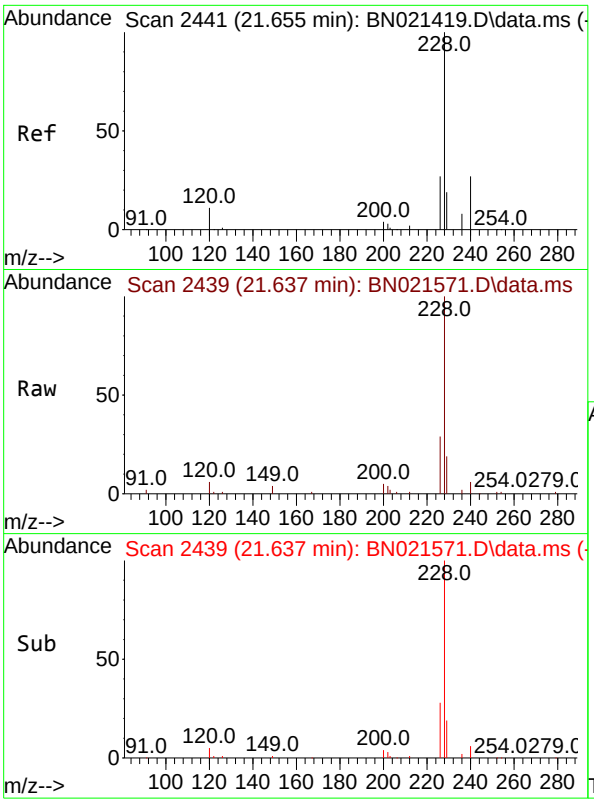


#31
Terphenyl-d14
Concen: 0.328 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:244 Resp: 12505

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.5	9.7
122	17.4	9.1	13.7#



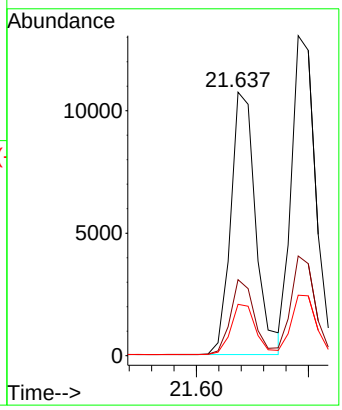


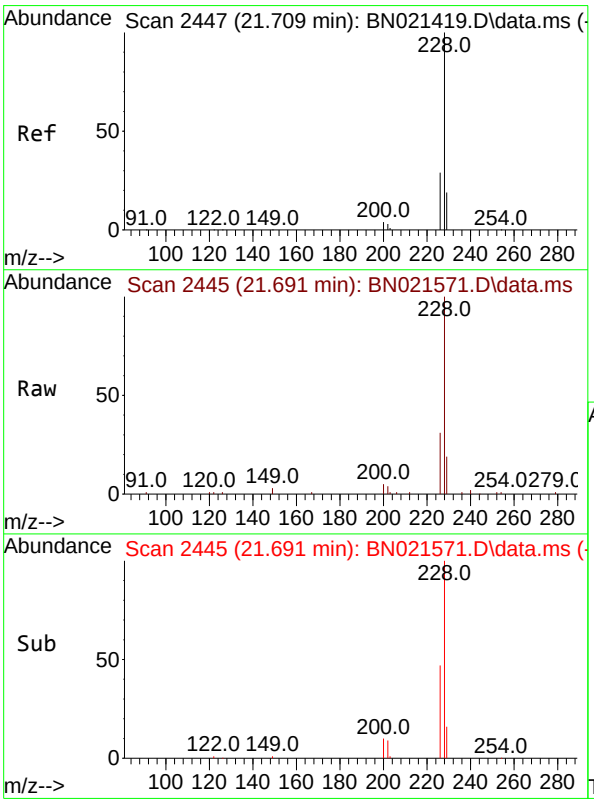
#32
Benzo(a)anthracene
Concen: 0.282 ng
RT: 21.637 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:228 Resp: 16615

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.0	33.0
229	19.5	15.9	23.9

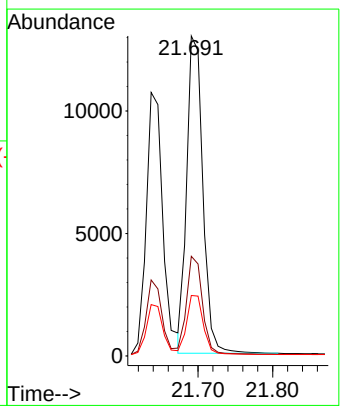


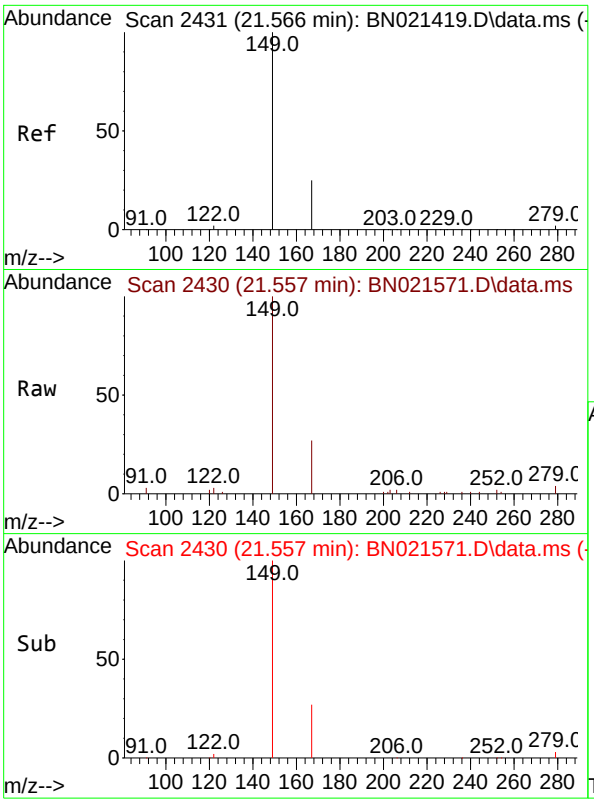


#33
Chrysene
Concen: 0.278 ng
RT: 21.691 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:228 Resp: 19520

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	18.9	15.9	23.9



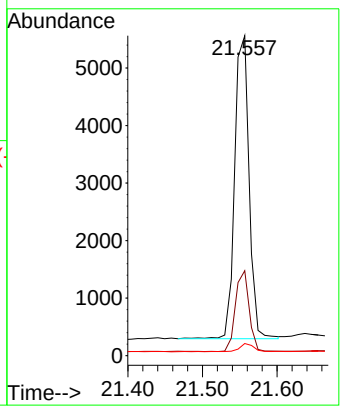


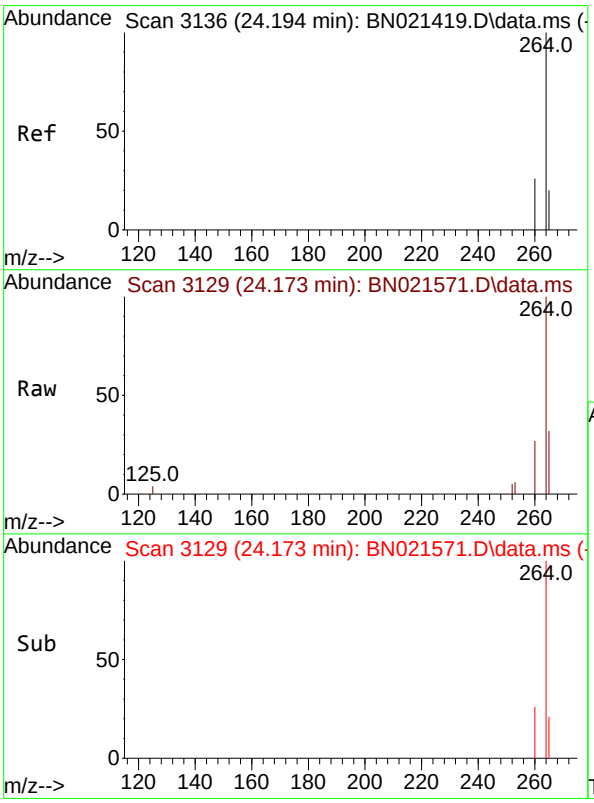
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.557 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:149 Resp: 7030

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.4	32.0
279	2.7	2.2	3.2

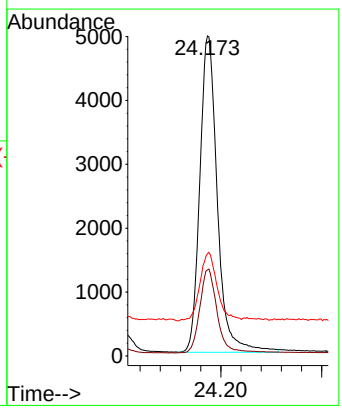


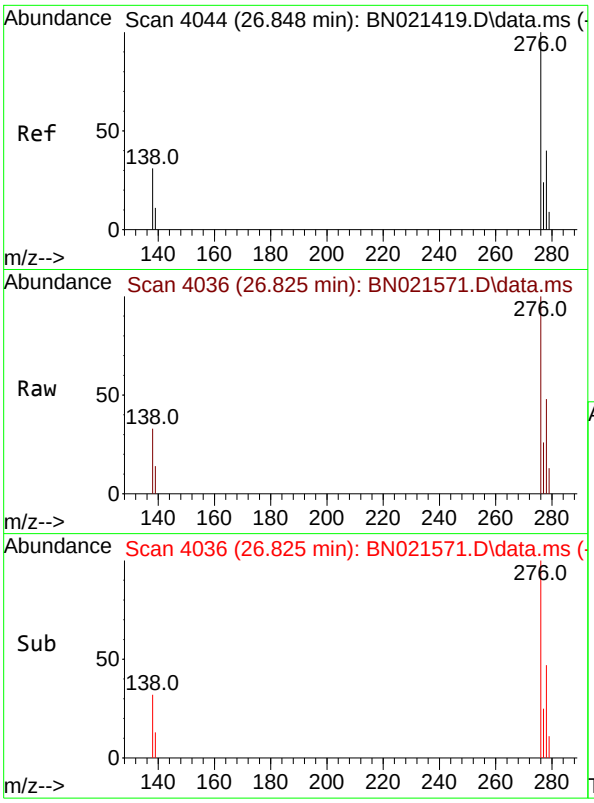


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.173 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:264 Resp: 11939

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.6
265	32.0	32.2	48.2#



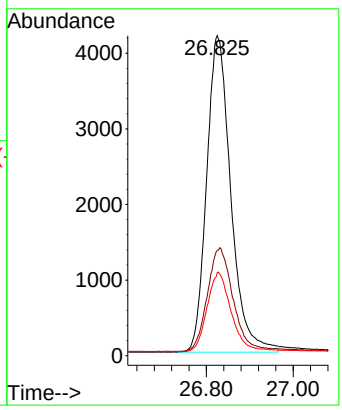


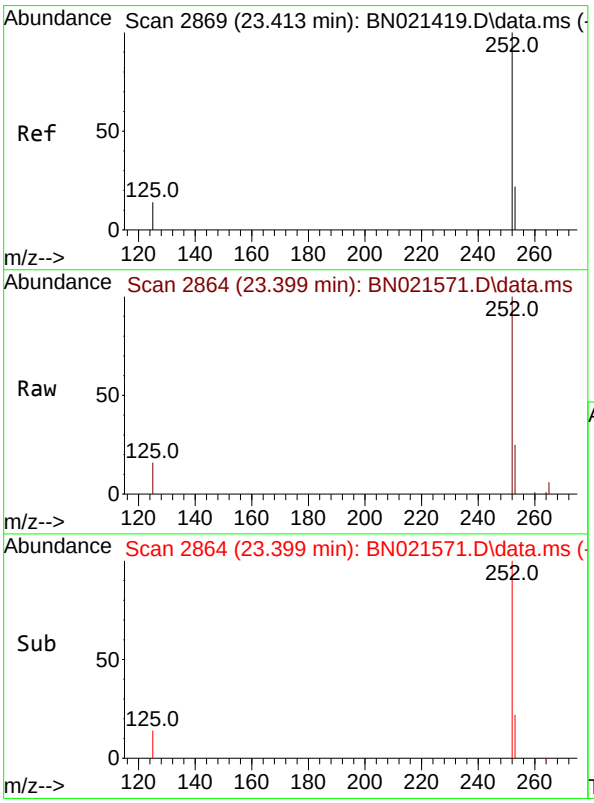
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.300 ng
RT: 26.825 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:276 Resp: 16186

Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.4	41.2
277	25.1	19.9	29.9

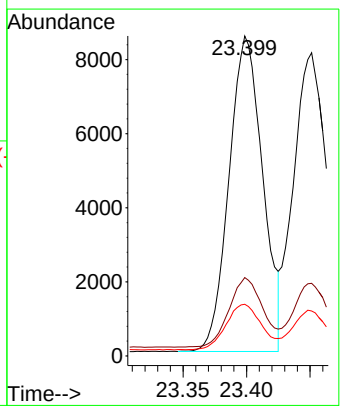


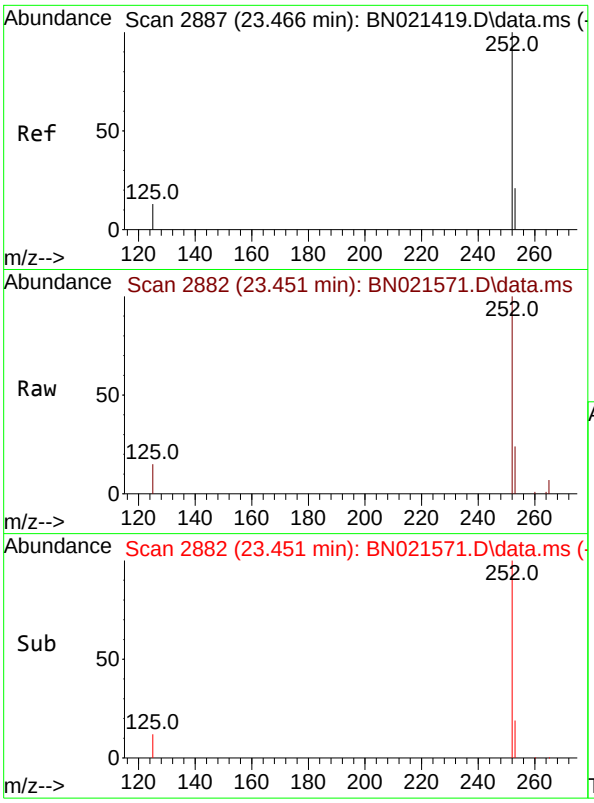


#37
Benzo(b)fluoranthene
Concen: 0.267 ng
RT: 23.399 min Scan# 2864
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:252 Resp: 15711

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.8	29.6
125	16.2	13.7	20.5



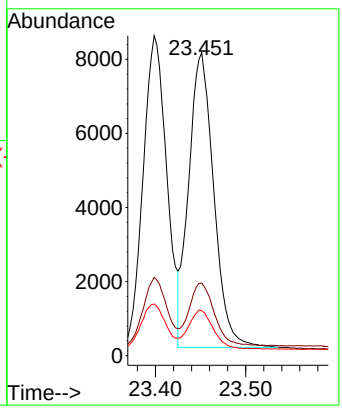


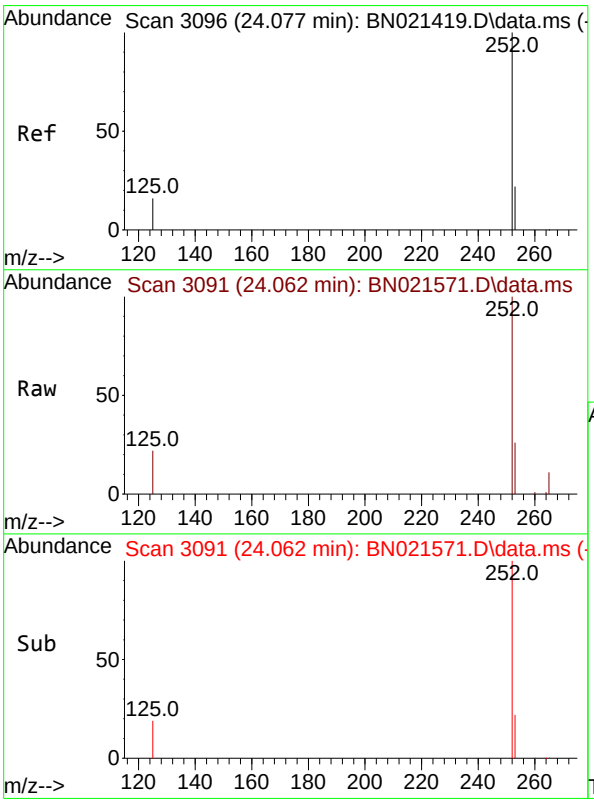
#38
Benzo(k)fluoranthene
Concen: 0.259 ng
RT: 23.451 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:252 Resp: 15332

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

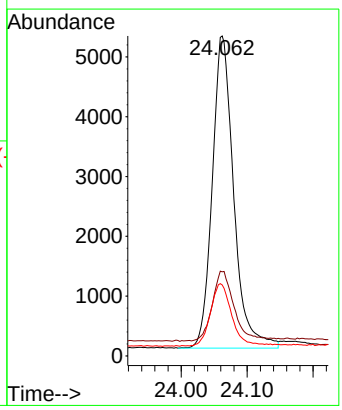


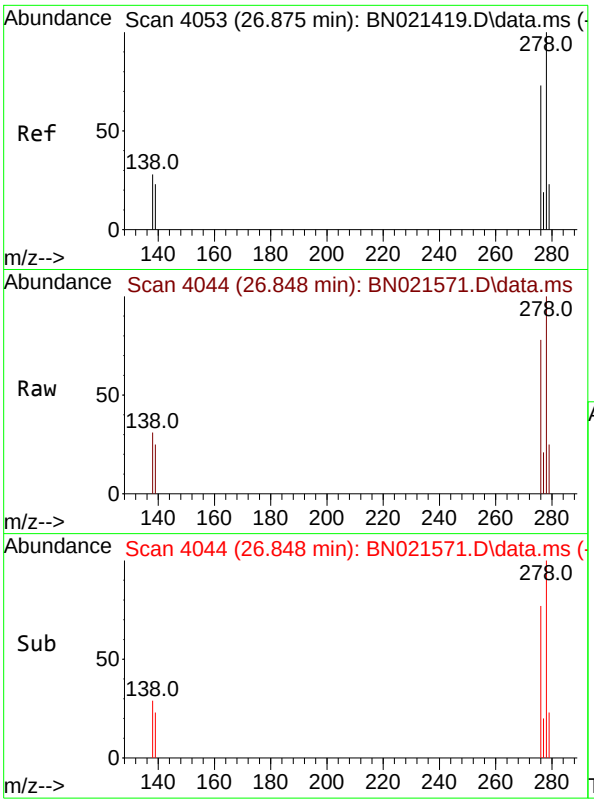


#39
Benzo(a)pyrene
Concen: 0.287 ng
RT: 24.062 min Scan# 3091
Delta R.T. -0.006 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:252 Resp: 11774

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.1	31.7
125	22.2	16.6	25.0



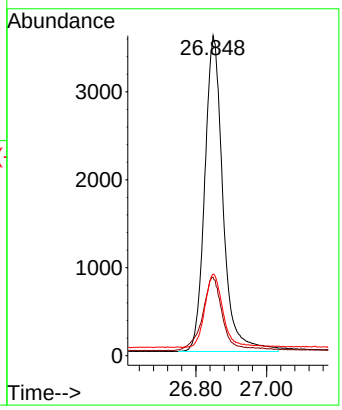


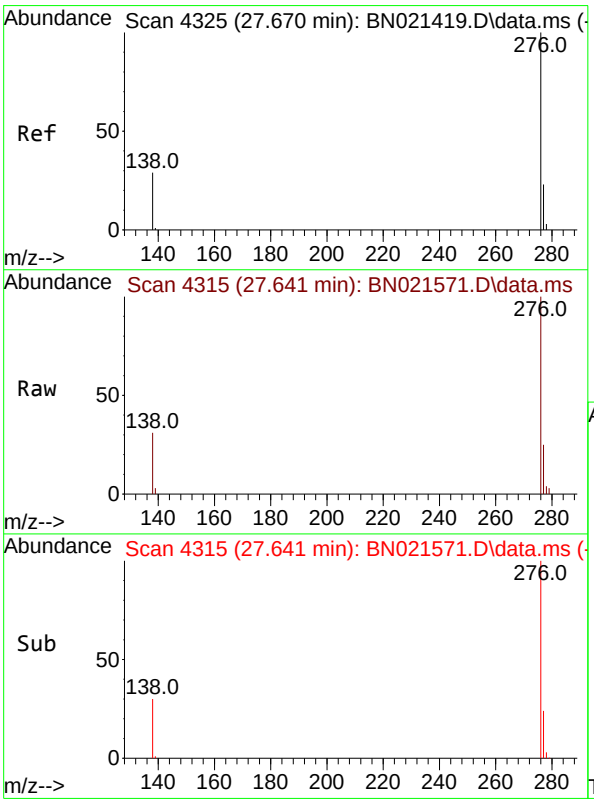
#40
Dibenzo(a,h)anthracene
Concen: 0.296 ng
RT: 26.848 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Instrument :
BNA_N
ClientSampleId :
PB147332BS

Tgt Ion:278 Resp: 12856

Ion	Ratio	Lower	Upper
278	100		
139	24.5	21.8	32.6
279	25.5	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.285 ng
RT: 27.641 min Scan# 4315
Delta R.T. -0.012 min
Lab File: BN021571.D
Acq: 02 Sep 2022 21:06

Tgt Ion:276 Resp: 13551

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.7	29.5
138	30.8	23.7	35.5