Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070622\
Data File : BN020671.D
Acq On : 06 Jul 2022 17:29
Operator : CG/JU
Sample : PB146049BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Quant Time: Jul 07 00:15:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4864	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	14250	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	7965	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	15124	0.400	ng	#	0.00
29) Chrysene-d12	21.440	240	9826	0.400	ng	#	0.00
35) Perylene-d12	23.790	264	7379	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3611	0.267	ng		0.00
5) Phenol-d6	7.024	99	4505	0.279	ng		0.00
8) Nitrobenzene-d5	8.993	82	3620	0.313	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	8180	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	680	0.227	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	11747	0.357	ng		0.00
27) Fluoranthene-d10	19.265	212	13605	0.303	ng		0.00
31) Terphenyl-d14	19.872	244	9361	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2066	0.324	ng		97
3) n-Nitrosodimethylamine	3.608	42	1610	0.277	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	4365	0.314	ng		94
9) Naphthalene	10.669	128	15067	0.354	ng		99
10) Hexachlorobutadiene	10.968	225	2728	0.352	ng	#	100
12) 2-Methylnaphthalene	12.295	142	9605	0.340	ng		99
16) Acenaphthylene	14.196	152	12127	0.317	ng		98
17) Acenaphthene	14.538	154	8935	0.343	ng		95
18) Fluorene	15.522	166	11112	0.327	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	367	0.349	ng	#	58
21) 4-Bromophenyl-phenylether	16.415	248	3192	0.363	ng		97
22) Hexachlorobenzene	16.538	284	3717	0.382	ng		98
23) Atrazine	16.692	200	1870	0.270	ng		98
24) Pentachlorophenol	16.897	266	544	0.358	ng		97
25) Phenanthrene	17.267	178	17444	0.342	ng		100
26) Anthracene	17.359	178	13265	0.302	ng		99
28) Fluoranthene	19.295	202	17229	0.310	ng		99
30) Pyrene	19.662	202	17089	0.411	ng		100
32) Benzo(a)anthracene	21.422	228	10636	0.303	ng		98
33) Chrysene	21.476	228	14214	0.366	ng		99
34) Bis(2-ethylhexyl)phtha...	21.360	149	6474	0.327	ng		98
36) Indeno(1,2,3-cd)pyrene	26.229	276	10373	0.316	ng		100
37) Benzo(b)fluoranthene	23.077	252	10567	0.372	ng		96
38) Benzo(k)fluoranthene	23.124	252	11137	0.368	ng		96
39) Benzo(a)pyrene	23.688	252	8504	0.345	ng	#	91
40) Dibenzo(a,h)anthracene	26.249	278	8136	0.309	ng		97
41) Benzo(g,h,i)perylene	26.968	276	9743	0.338	ng		97

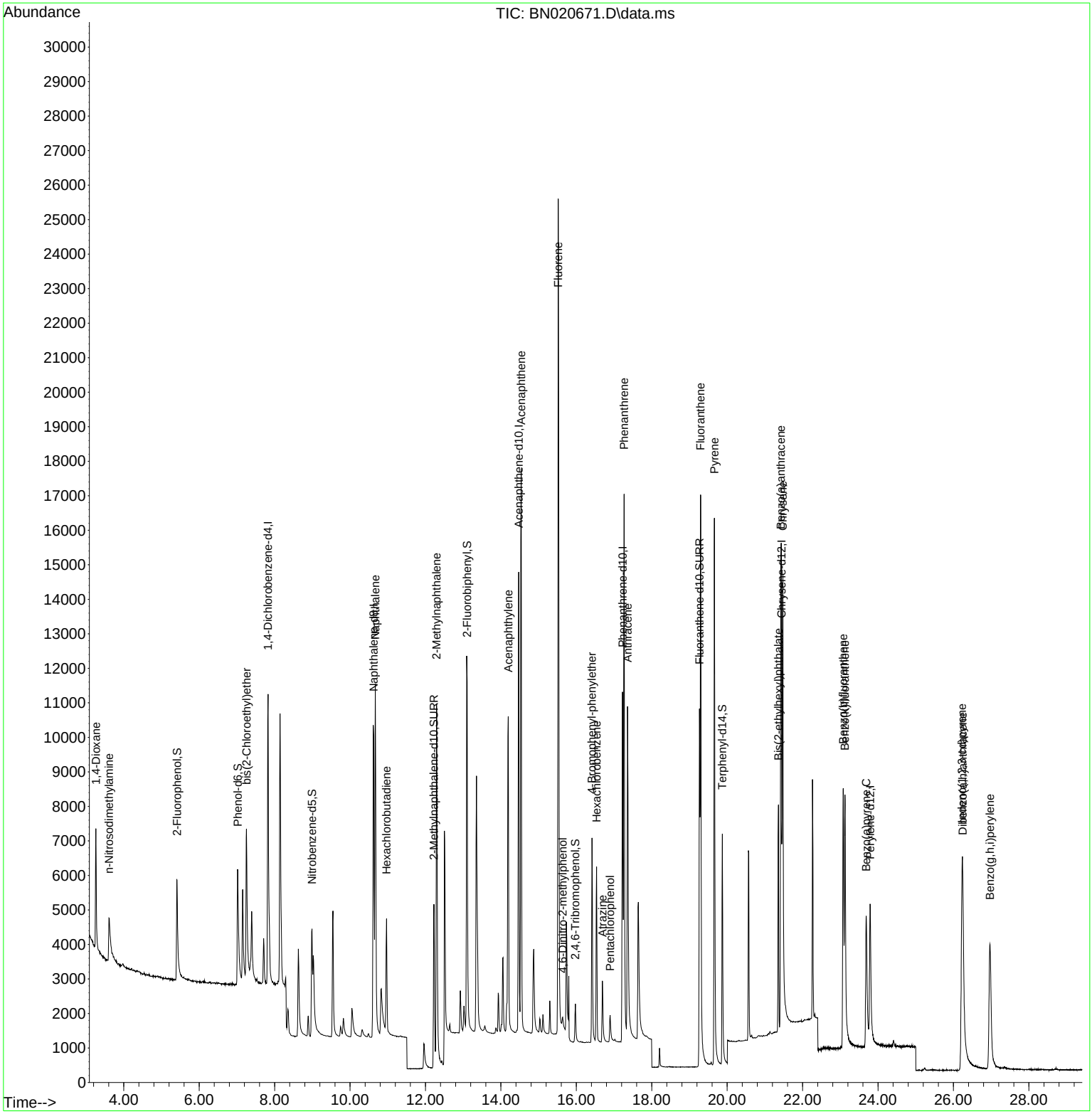
(#) = qualifier out of range (m) = manual integration (+) = signals summed

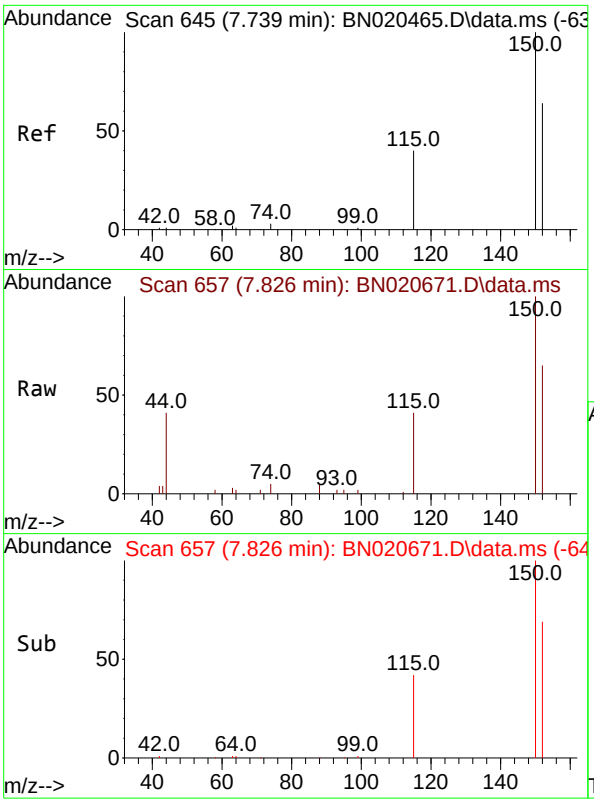
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070622\
Data File : BN020671.D
Acq On : 06 Jul 2022 17:29
Operator : CG/JU
Sample : PB146049BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Quant Time: Jul 07 00:15:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration



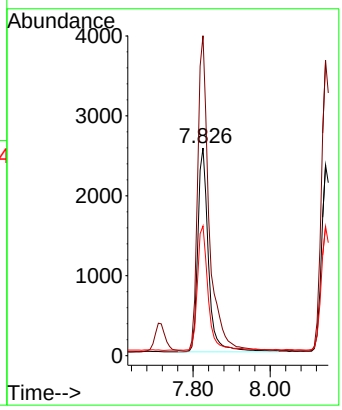


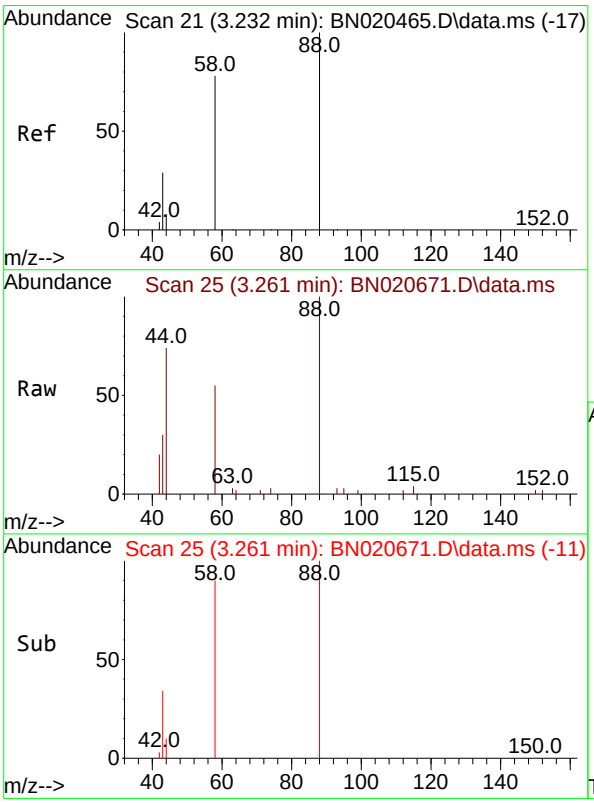
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:152 Resp: 4864

Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.9	191.9
115	62.5	51.4	77.2

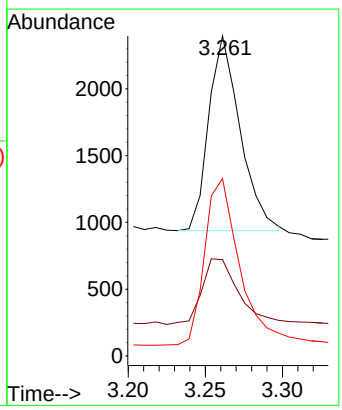


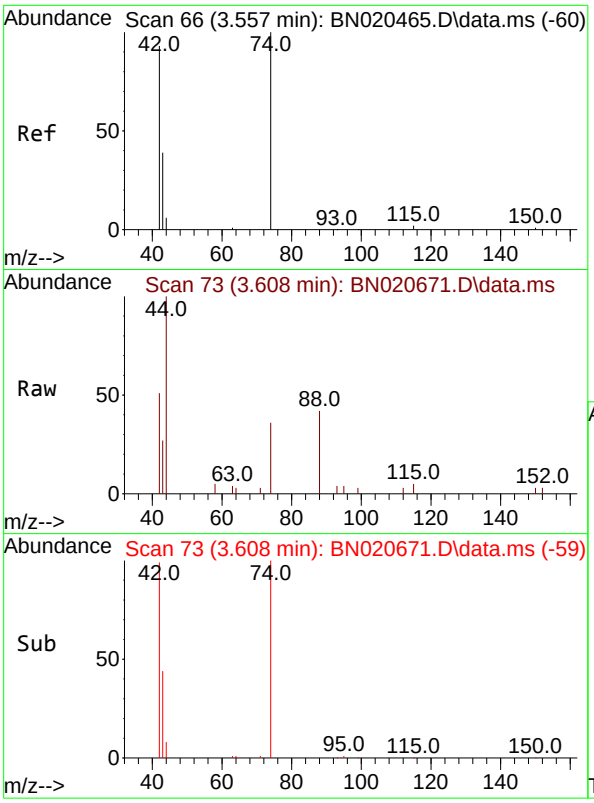


#2
1,4-Dioxane
Concen: 0.324 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion: 88 Resp: 2066

Ion	Ratio	Lower	Upper
88	100		
43	39.2	30.2	45.2
58	94.5	73.0	109.6



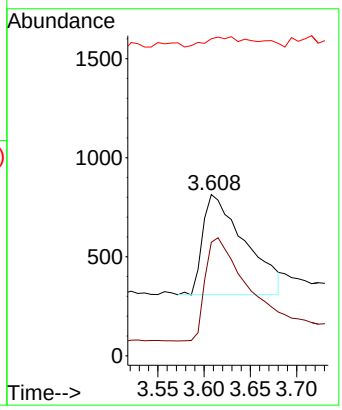


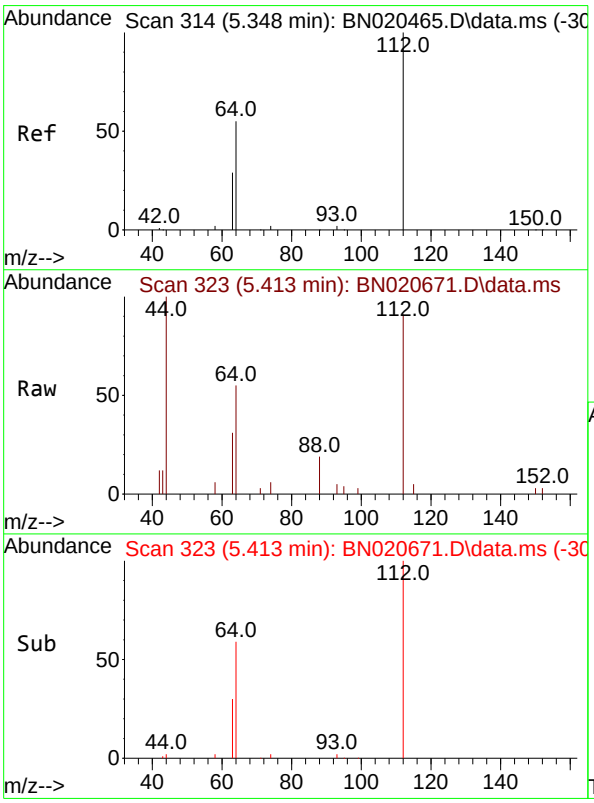
#3
n-Nitrosodimethylamine
Concen: 0.277 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion: 42 Resp: 1610

Ion	Ratio	Lower	Upper
42	100		
74	104.2	84.0	126.0
44	0.0	9.8	14.8#

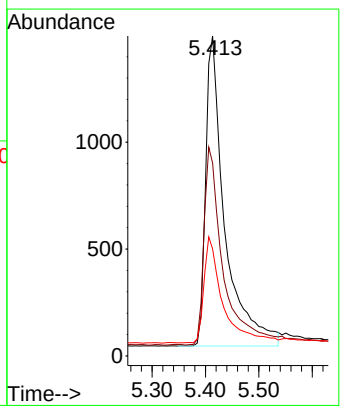


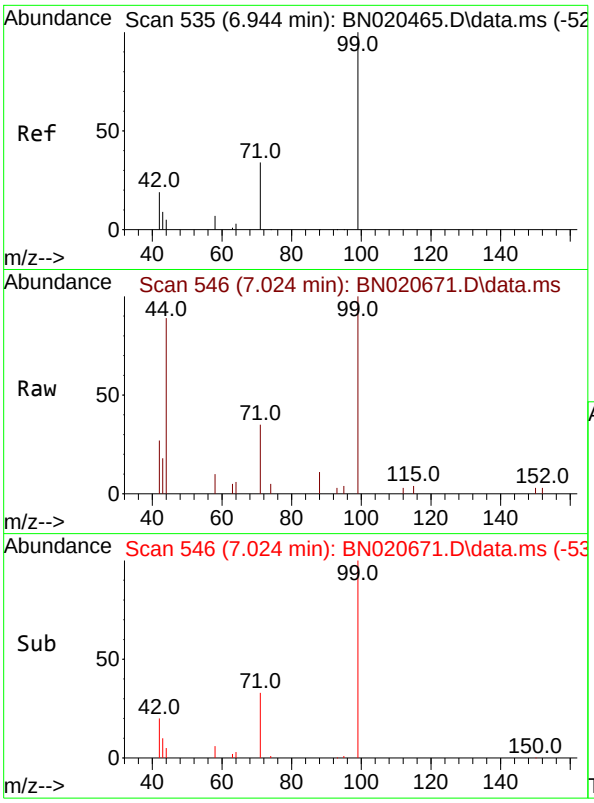


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:112 Resp: 3611

Ion	Ratio	Lower	Upper
112	100		
64	63.9	49.1	73.7
63	33.5	26.3	39.5



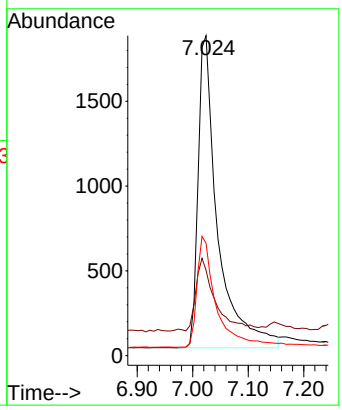


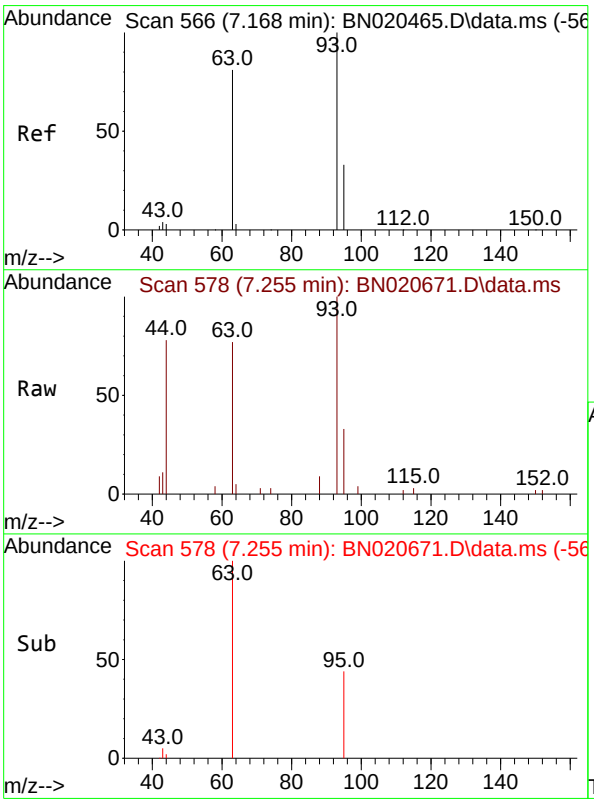
#5
Phenol-d6
Concen: 0.279 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion: 99 Resp: 4505

Ion	Ratio	Lower	Upper
99	100		
42	23.2	19.3	28.9
71	35.0	27.5	41.3

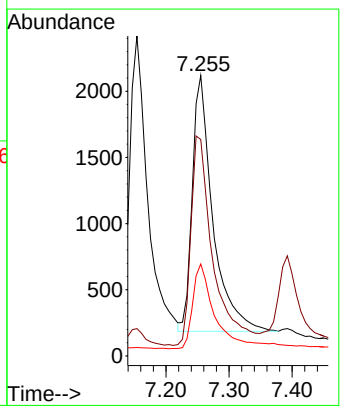


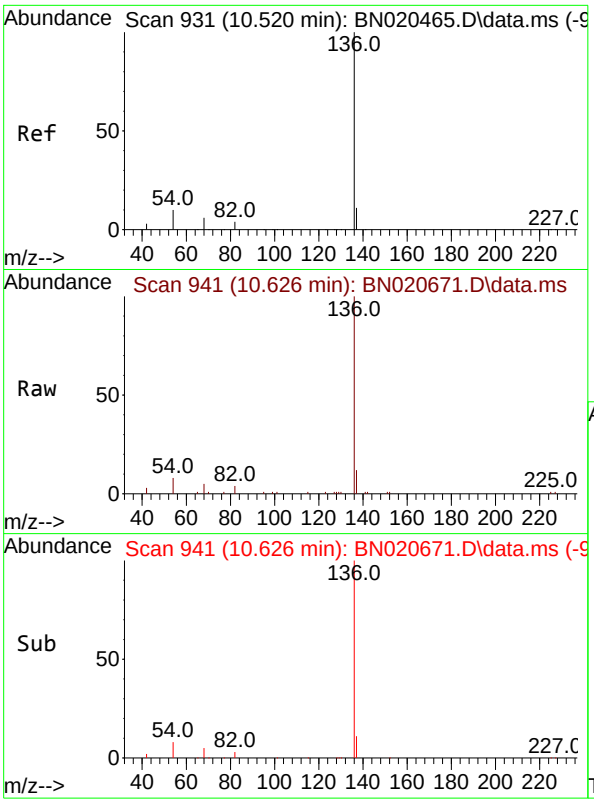


#6
bis(2-Chloroethyl)ether
Concen: 0.314 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion: 93 Resp: 4365

Ion	Ratio	Lower	Upper
93	100		
63	88.8	67.4	101.0
95	38.2	26.5	39.7



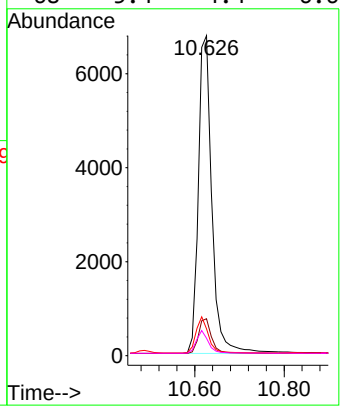


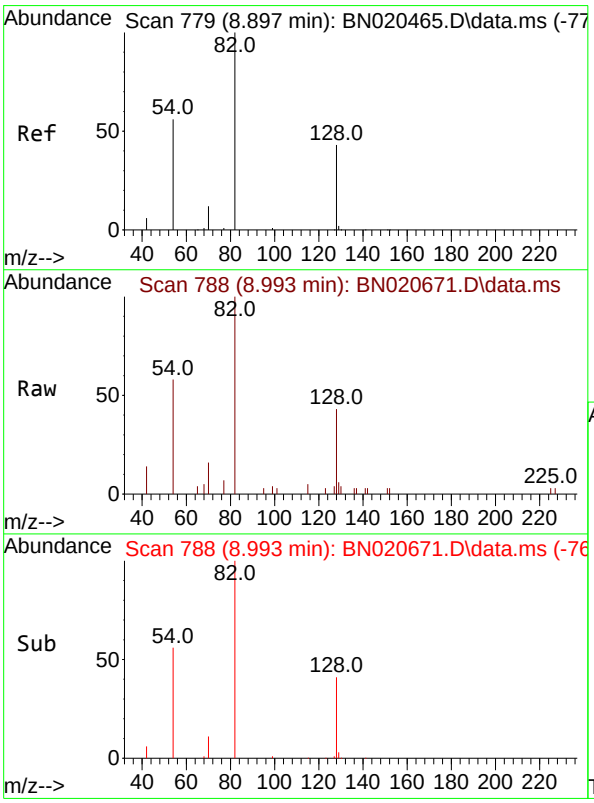
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:136 Resp: 14250

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	8.4	6.2	9.2
68	5.4	4.4	6.6

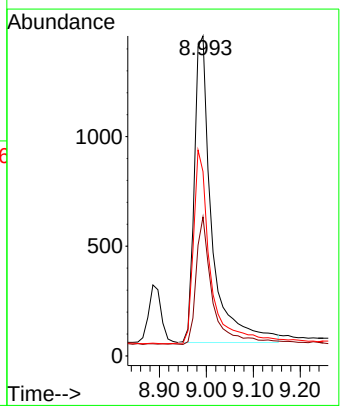


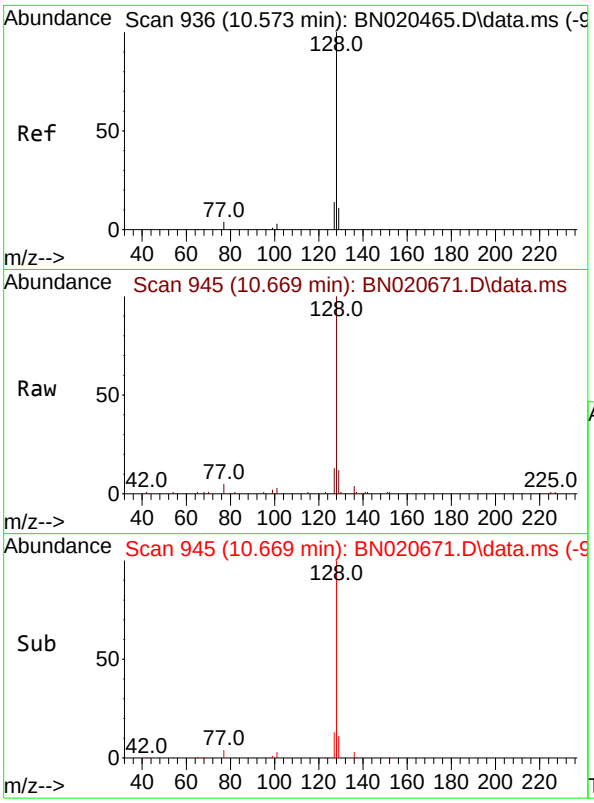


#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.993 min Scan# 788
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion: 82 Resp: 3620

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.0	52.6
54	57.6	46.2	69.4



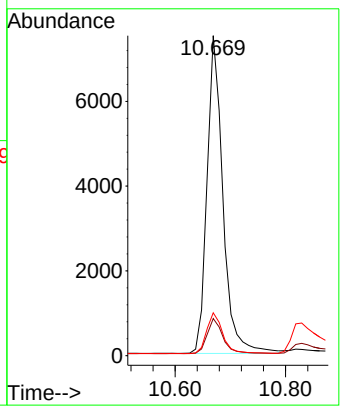


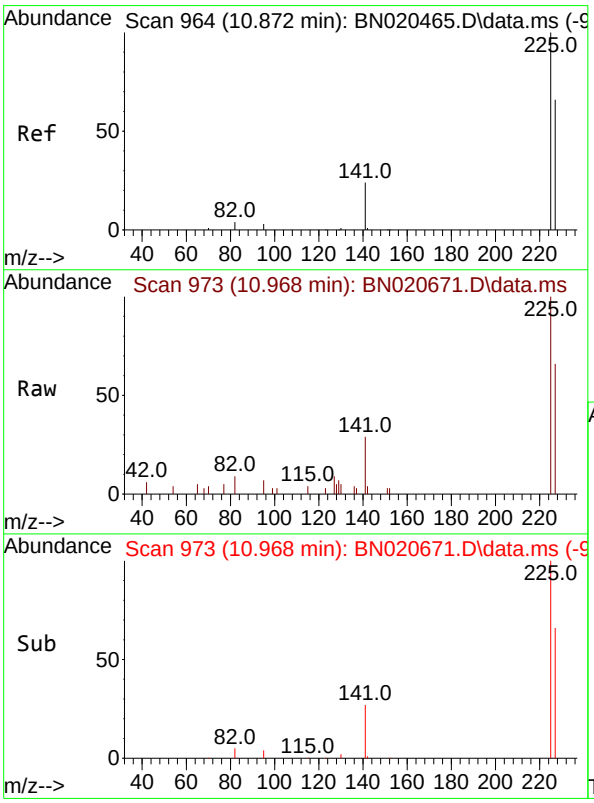
#9
Naphthalene
Concen: 0.354 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:128 Resp: 15067

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	13.4	10.8	16.2

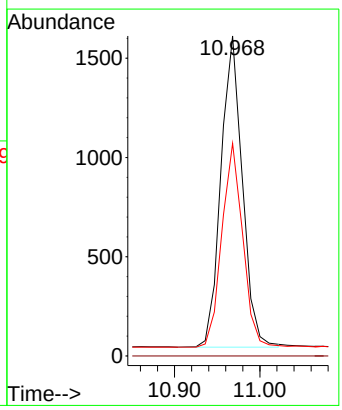


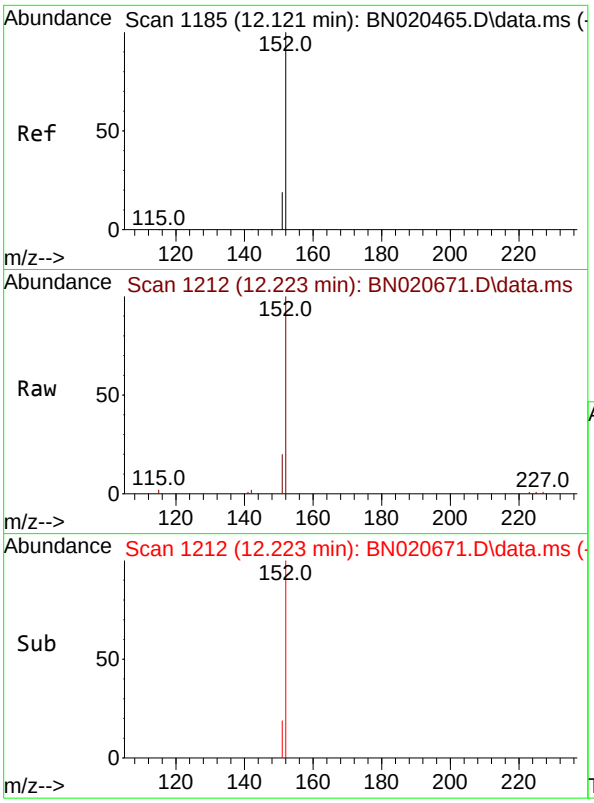


#10
Hexachlorobutadiene
Concen: 0.352 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:225 Resp: 2728

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



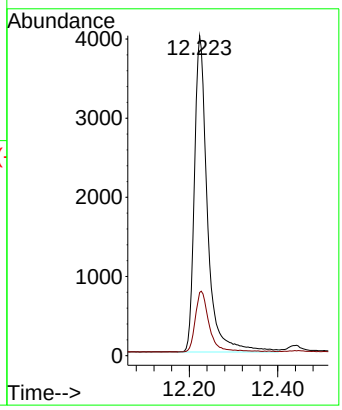


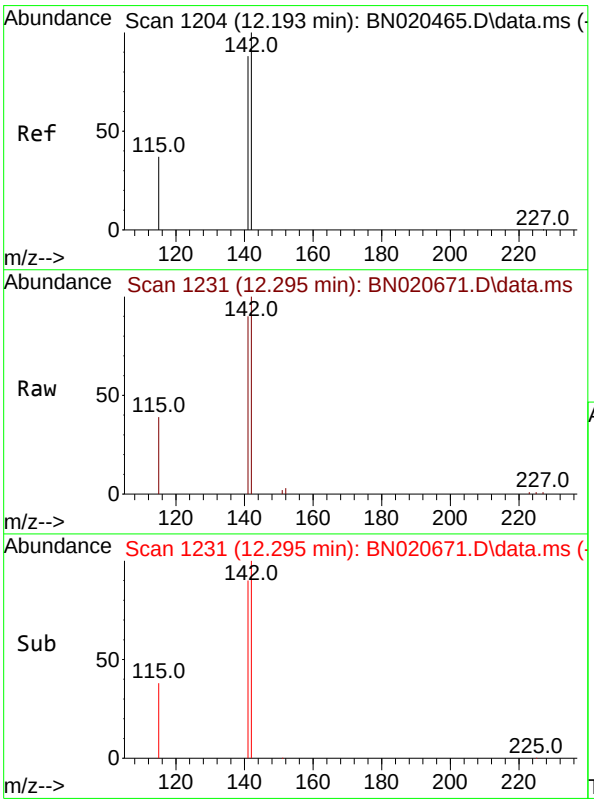
#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.223 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:152 Resp: 8180

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

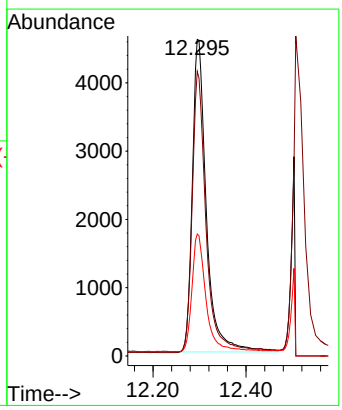


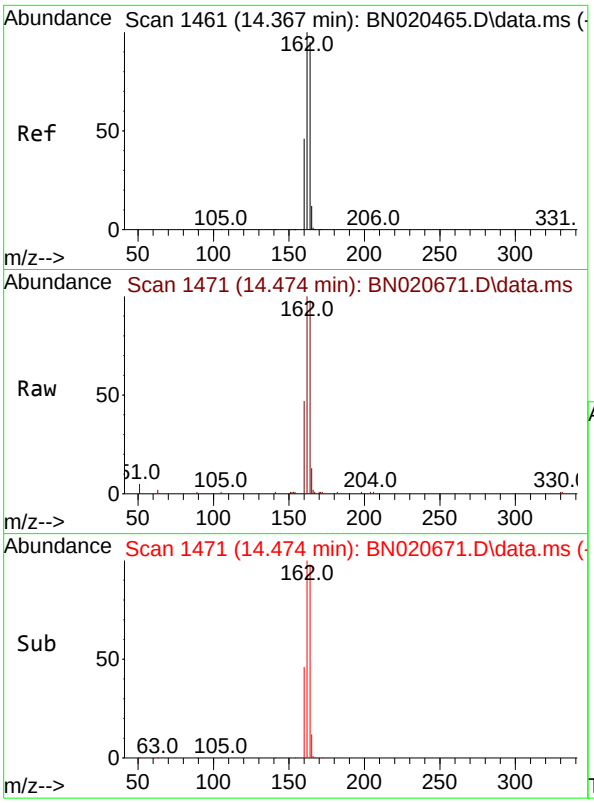


#12
2-Methylnaphthalene
Concen: 0.340 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.004 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:142 Resp: 9605

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4
115	38.5	29.8	44.8



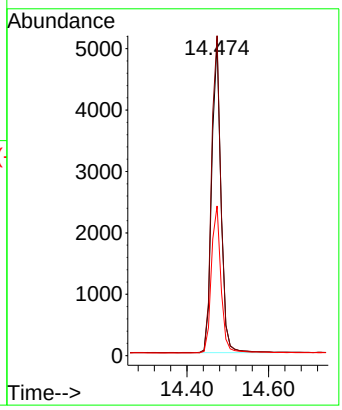


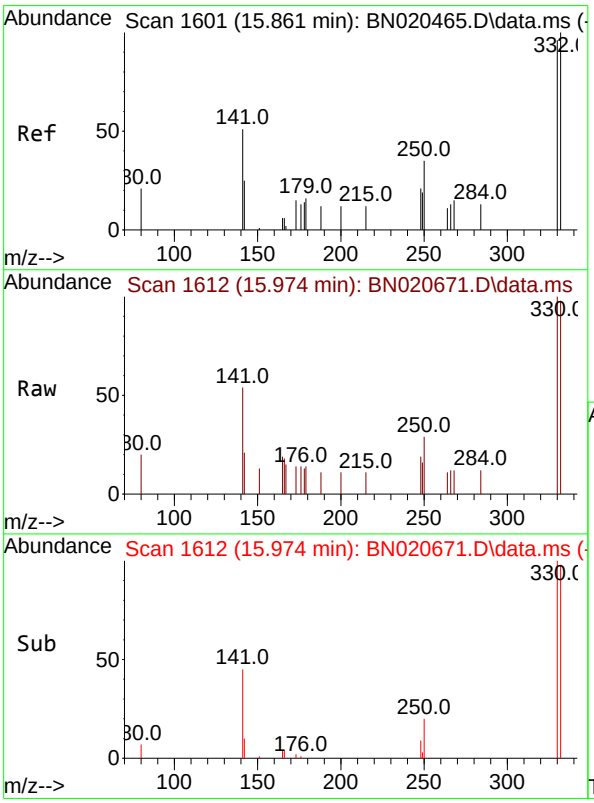
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:164 Resp: 7965

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.1	123.1
160	47.9	38.6	58.0

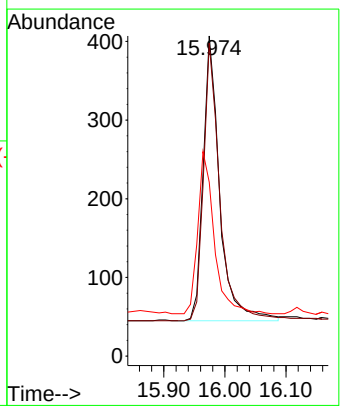


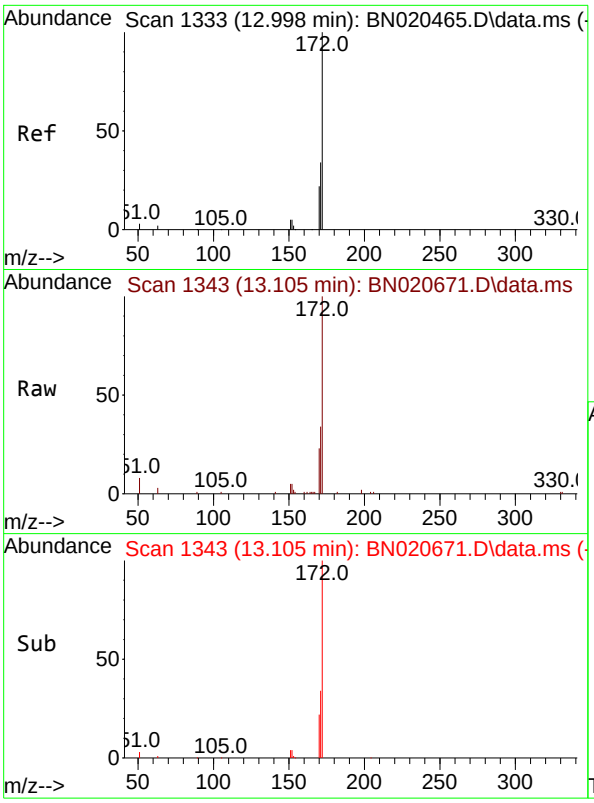


#14
2,4,6-Tribromophenol
Concen: 0.227 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:330 Resp: 680

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	56.5	41.0	61.4



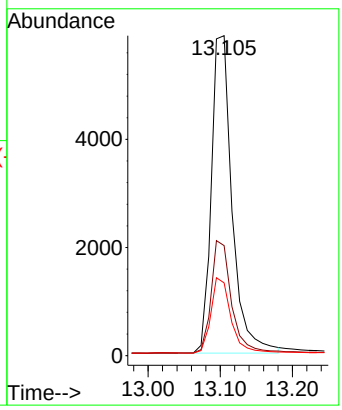


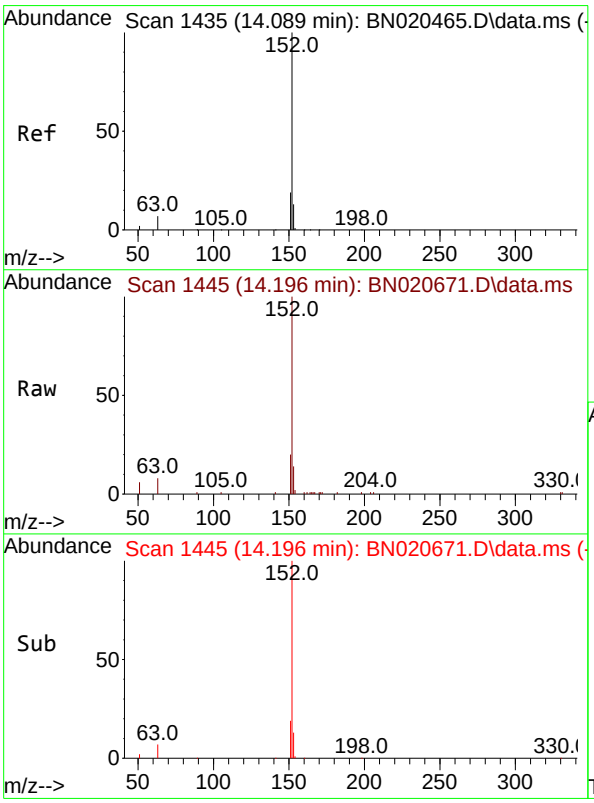
#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 13.105 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:172 Resp: 11747

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.2	40.8
170	22.8	18.2	27.4

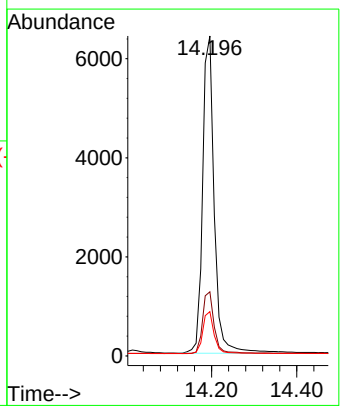


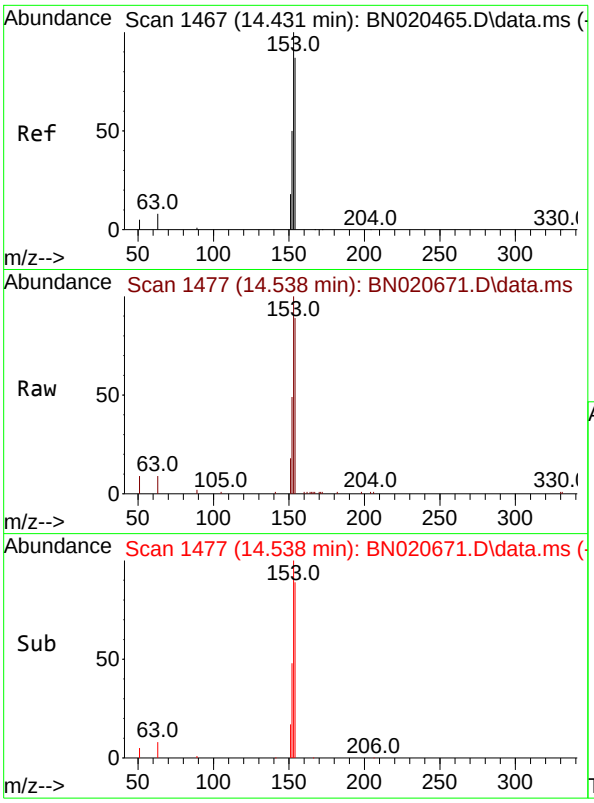


#16
Acenaphthylene
Concen: 0.317 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:152 Resp: 12127

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	13.0	10.7	16.1



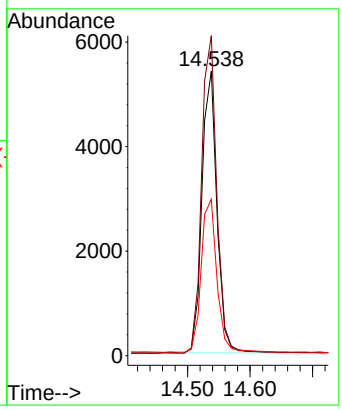


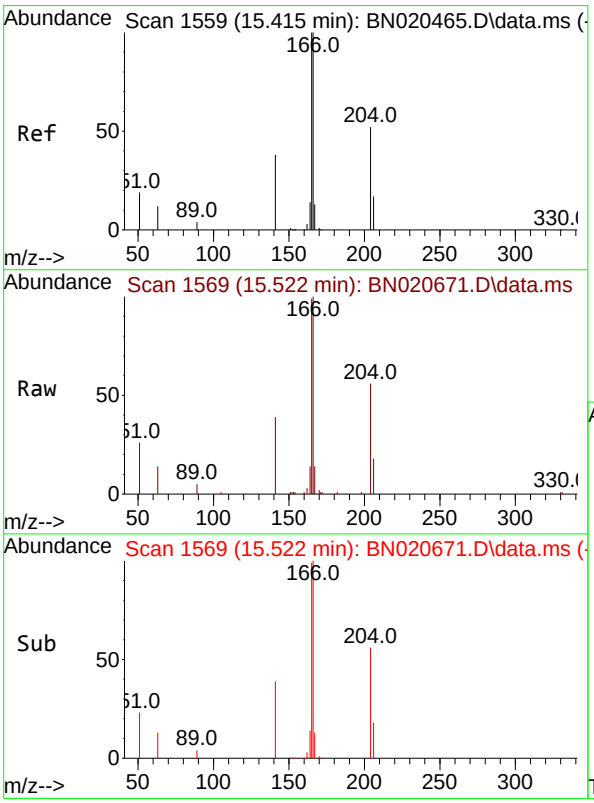
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:154 Resp: 8935

Ion	Ratio	Lower	Upper
154	100		
153	115.2	87.5	131.3
152	57.3	43.8	65.6

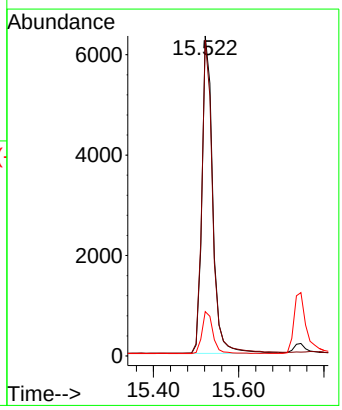


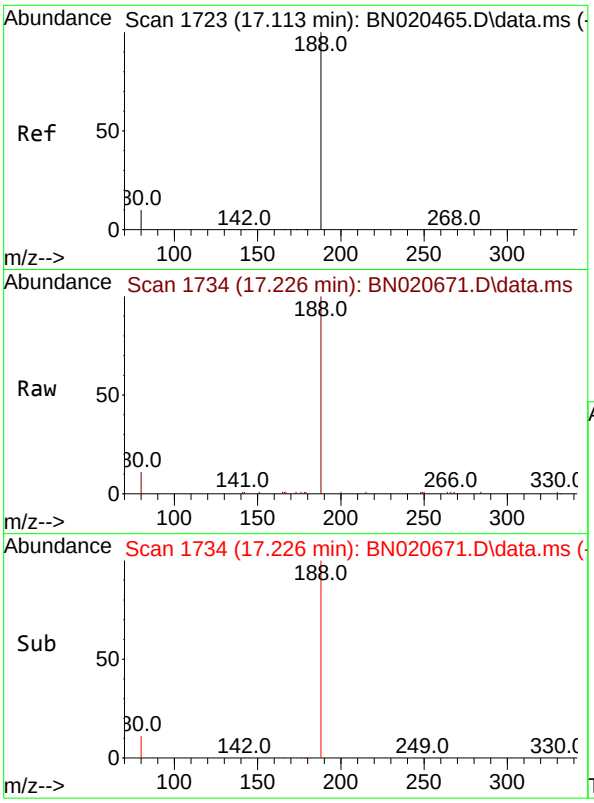


#18
Fluorene
Concen: 0.327 ng
RT: 15.522 min Scan# 1569
Delta R.T. -0.010 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:166 Resp: 11112

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	118.0
167	13.7	10.8	16.2



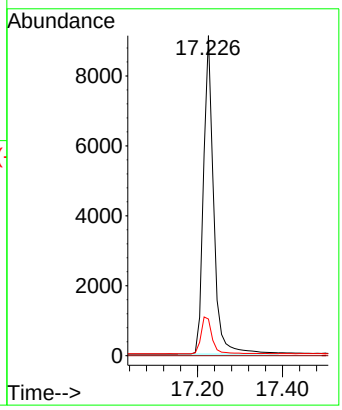


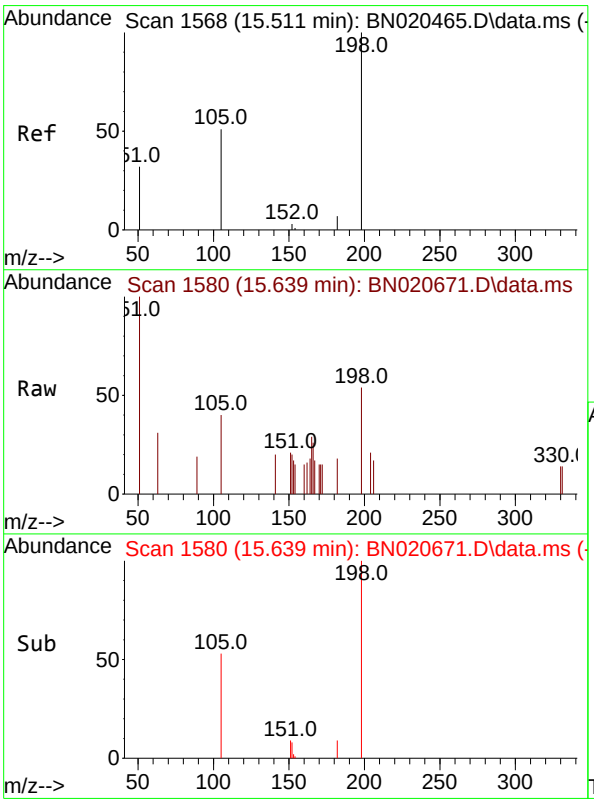
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:188 Resp: 15124

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	7.4	11.2#

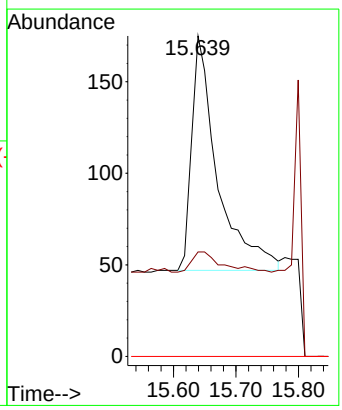


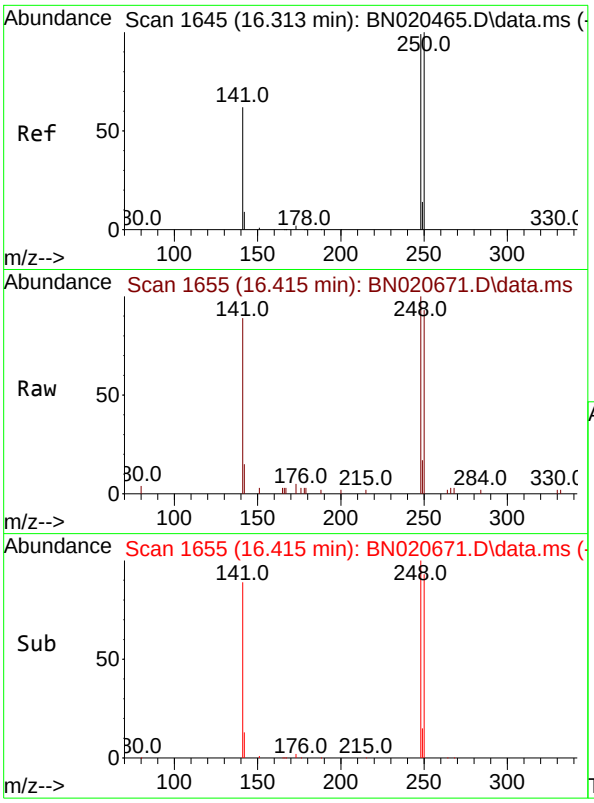


#20
4,6-Dinitro-2-methylphenol
Concen: 0.349 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:198 Resp: 367

Ion	Ratio	Lower	Upper
198	100		
182	32.6	12.1	18.1#
77	0.0	0.0	0.0



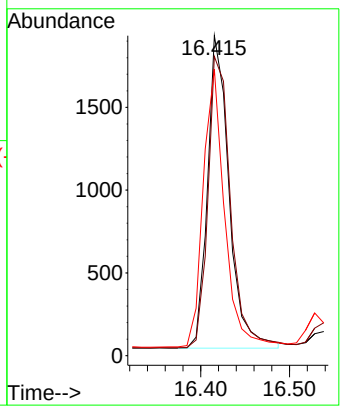


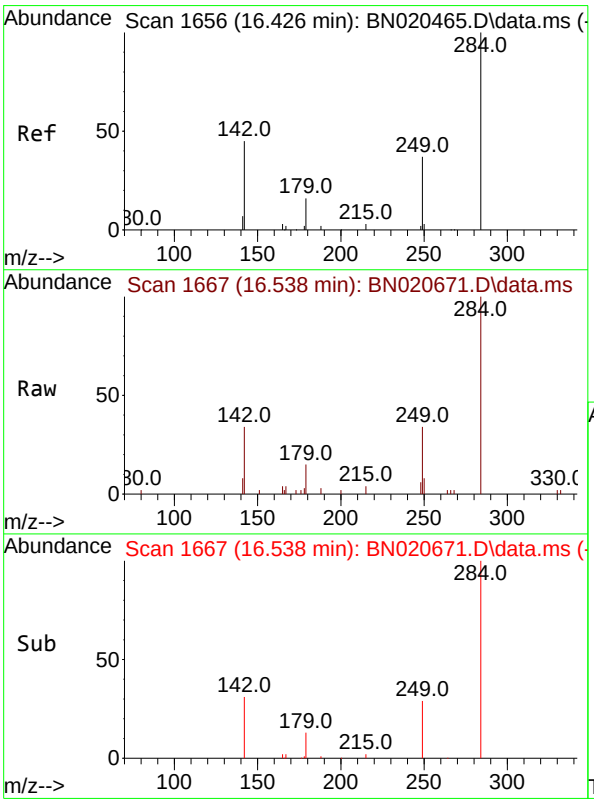
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:248 Resp: 3192

Ion	Ratio	Lower	Upper
248	100		
250	93.5	75.3	112.9
141	89.5	67.3	100.9

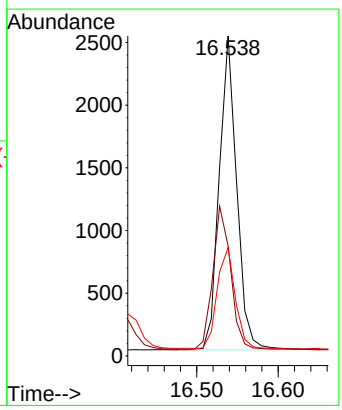


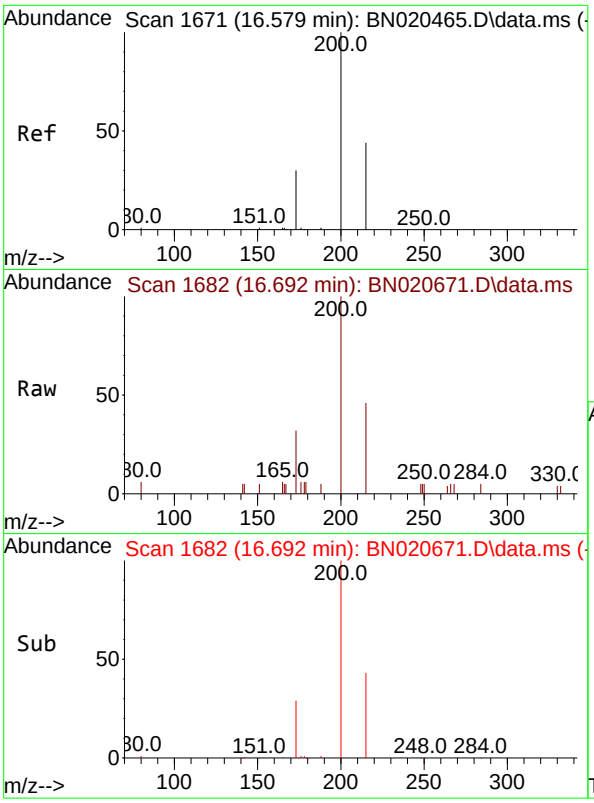


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:284 Resp: 3717

Ion	Ratio	Lower	Upper
284	100		
142	46.4	35.2	52.8
249	33.3	26.6	40.0



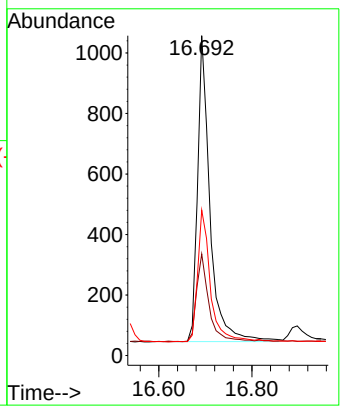


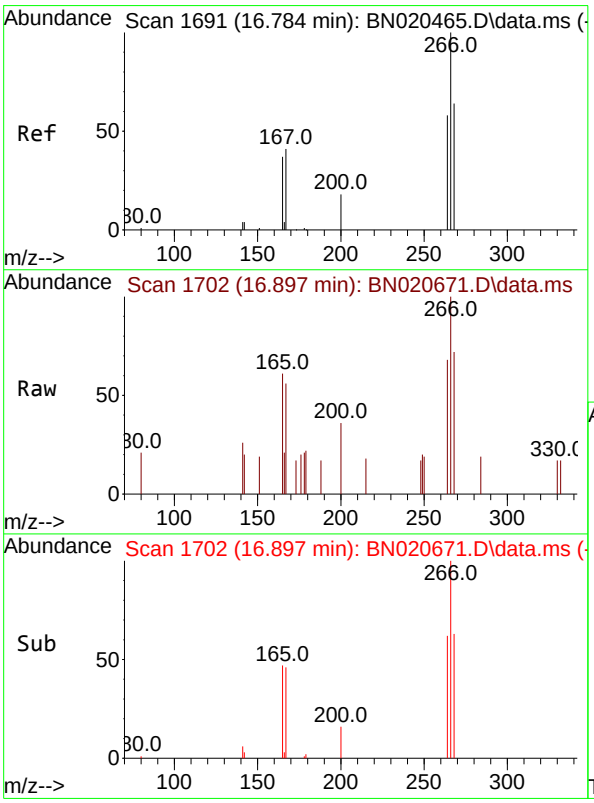
#23
Atrazine
Concen: 0.270 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:200 Resp: 1870

Ion	Ratio	Lower	Upper
200	100		
173	31.8	23.6	35.4
215	45.5	36.6	54.8

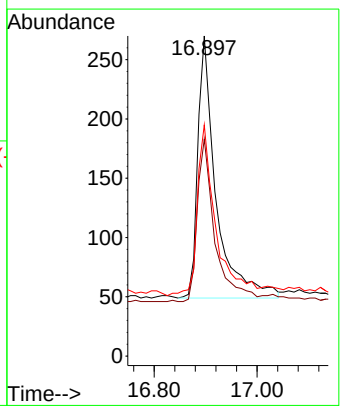


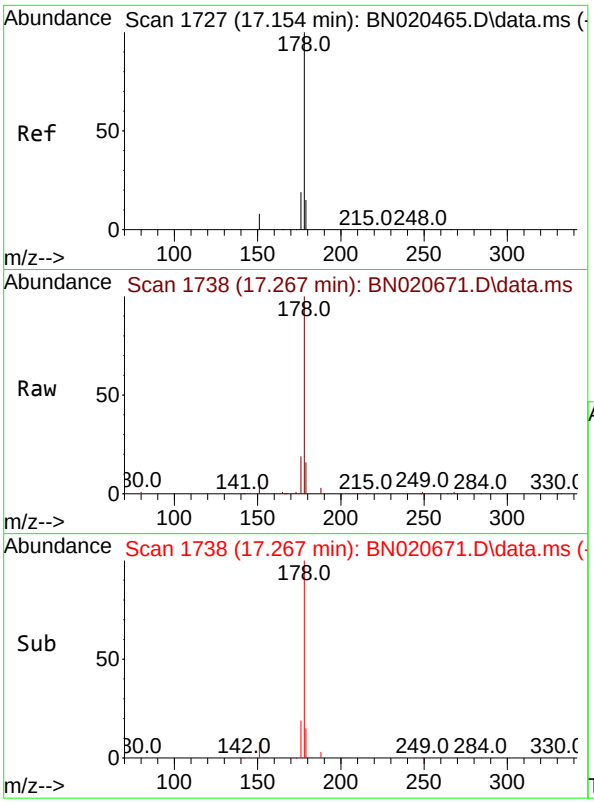


#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:266 Resp: 544

Ion	Ratio	Lower	Upper
266	100		
264	60.1	51.3	76.9
268	66.5	52.6	79.0



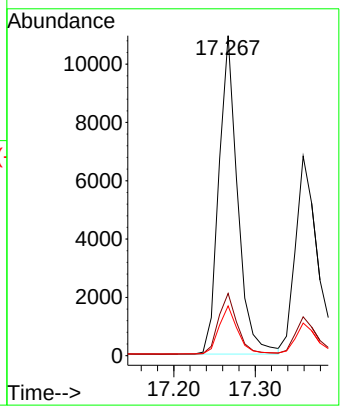


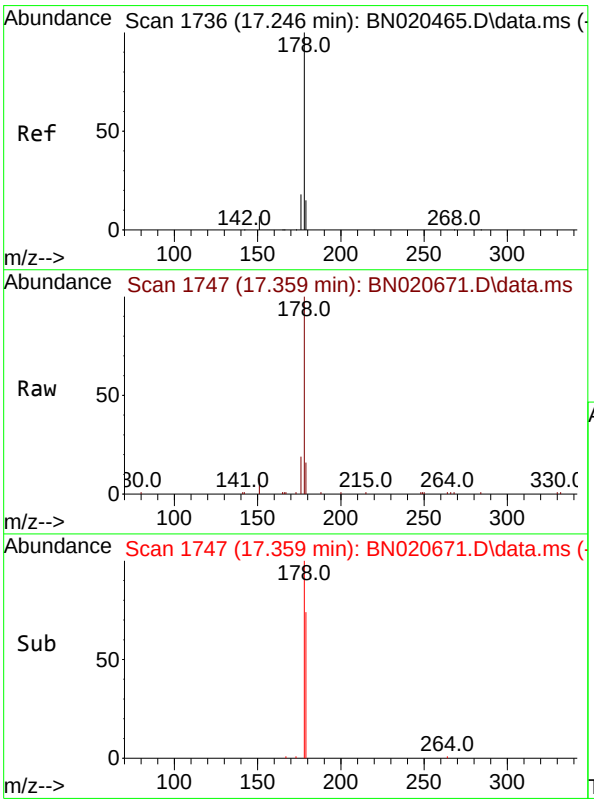
#25
Phenanthrene
Concen: 0.342 ng
RT: 17.267 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:178 Resp: 17444

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.2	12.2	18.4

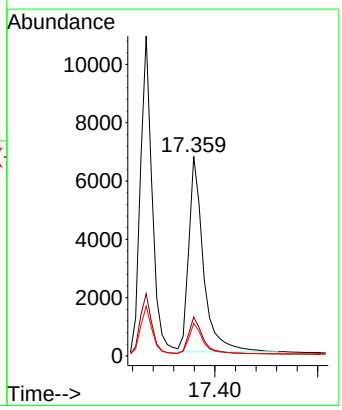


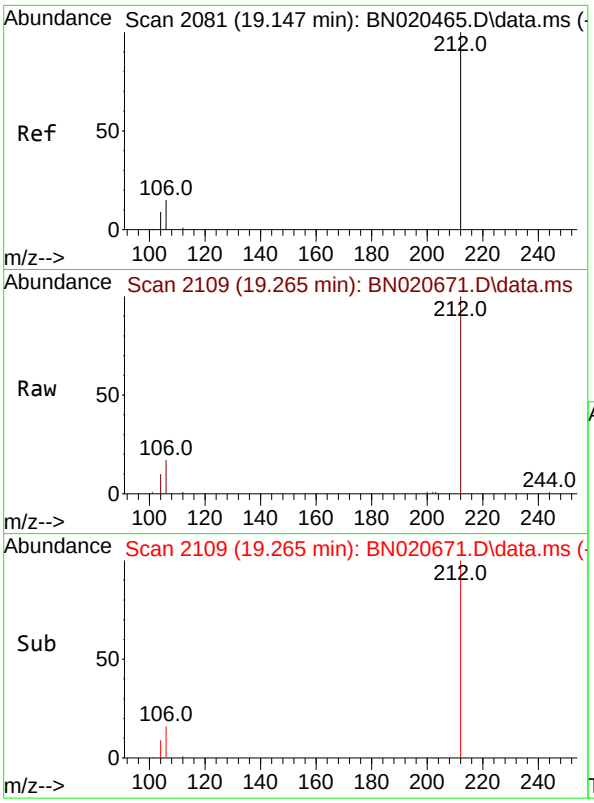


#26
Anthracene
Concen: 0.302 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:178 Resp: 13265

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	14.9	12.2	18.4



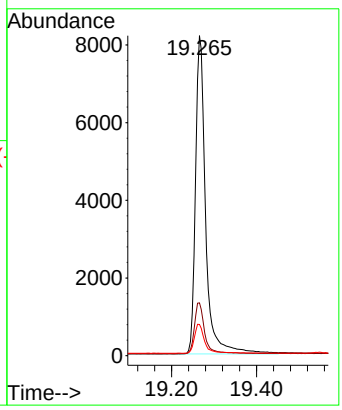


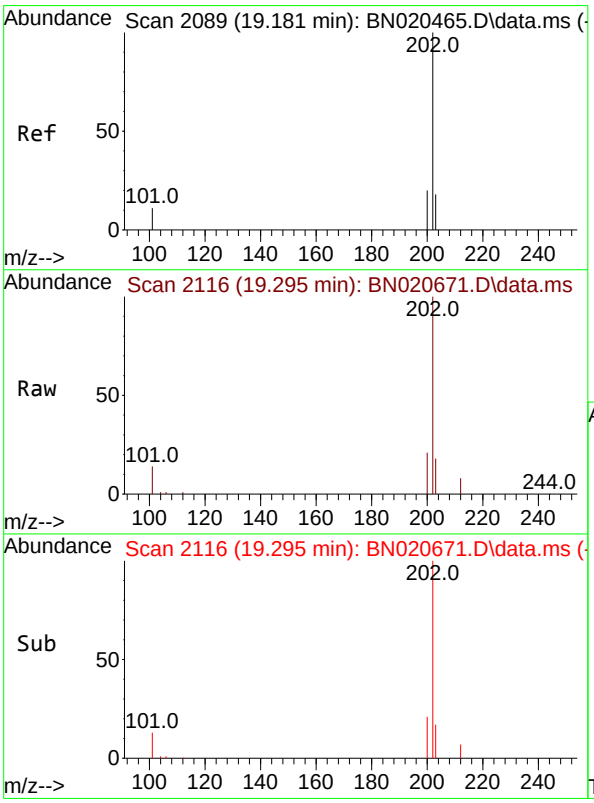
#27
Fluoranthene-d10
Concen: 0.303 ng
RT: 19.265 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:212 Resp: 13605

Ion	Ratio	Lower	Upper
212	100		
106	15.8	12.6	19.0
104	9.1	7.2	10.8

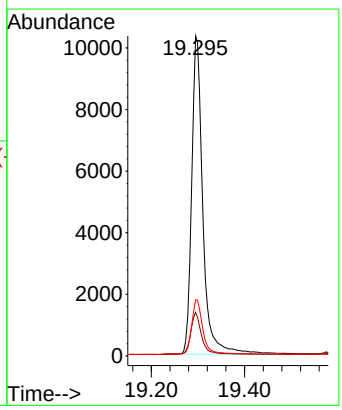


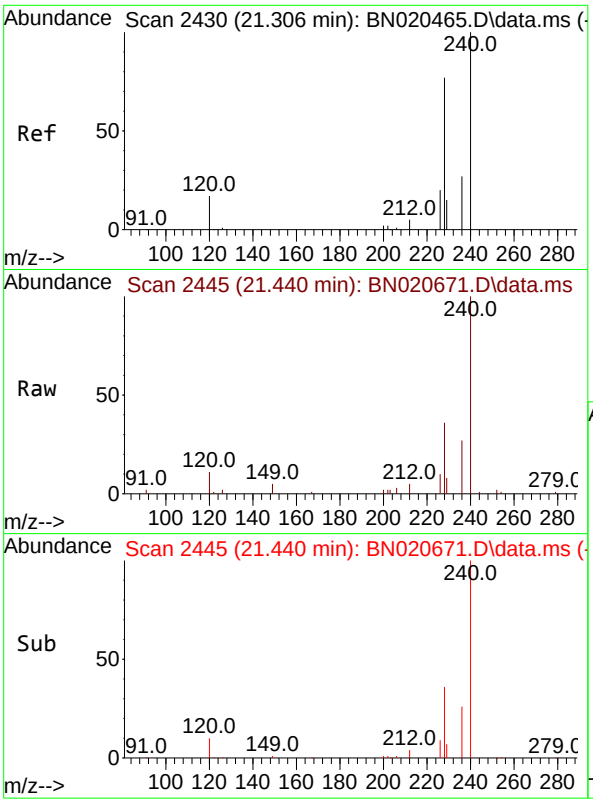


#28
Fluoranthene
Concen: 0.310 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:202 Resp: 17229

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	16.8	13.5	20.3



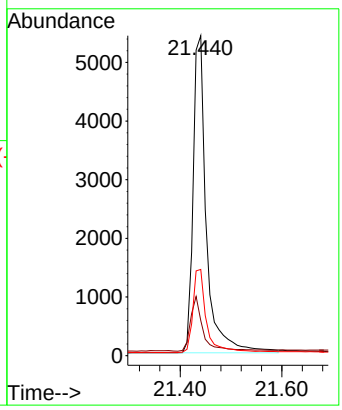


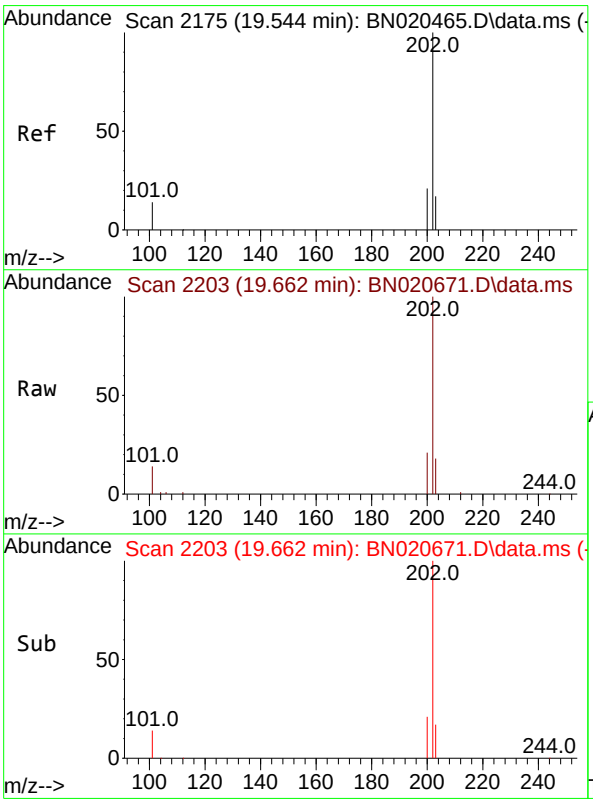
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:240 Resp: 9826

Ion	Ratio	Lower	Upper
240	100		
120	11.0	14.6	21.8#
236	26.9	22.6	33.8

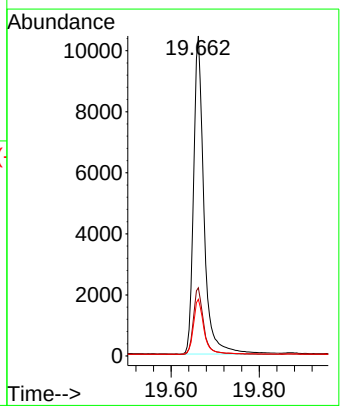


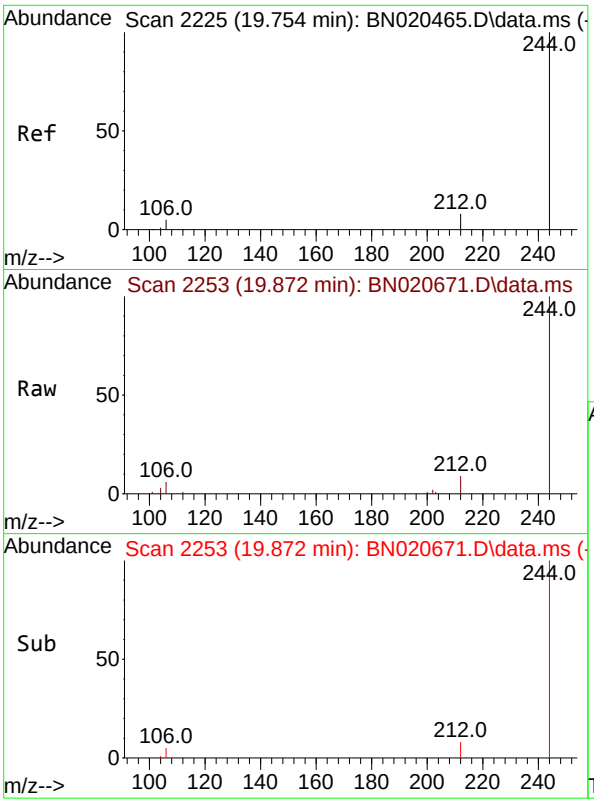


#30
Pyrene
Concen: 0.411 ng
RT: 19.662 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:202 Resp: 17089

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.2	21.2



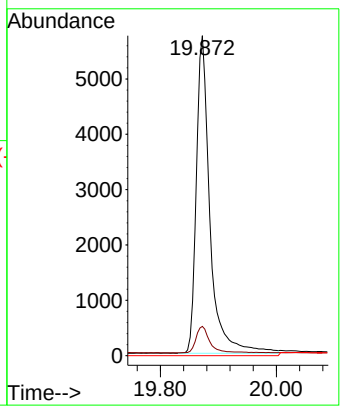


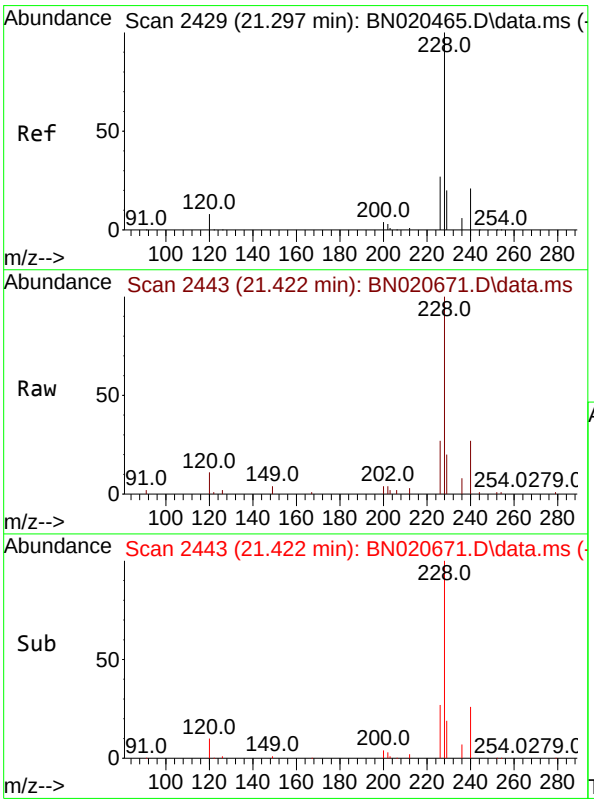
#31
Terphenyl-d14
Concen: 0.399 ng
RT: 19.872 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:244 Resp: 9361

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	0.0	0.0	0.0

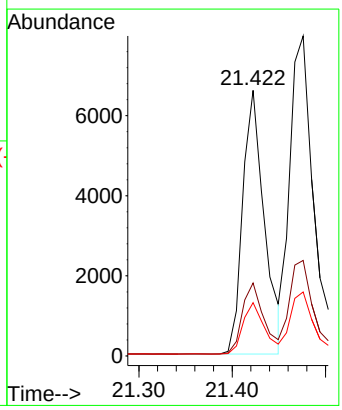


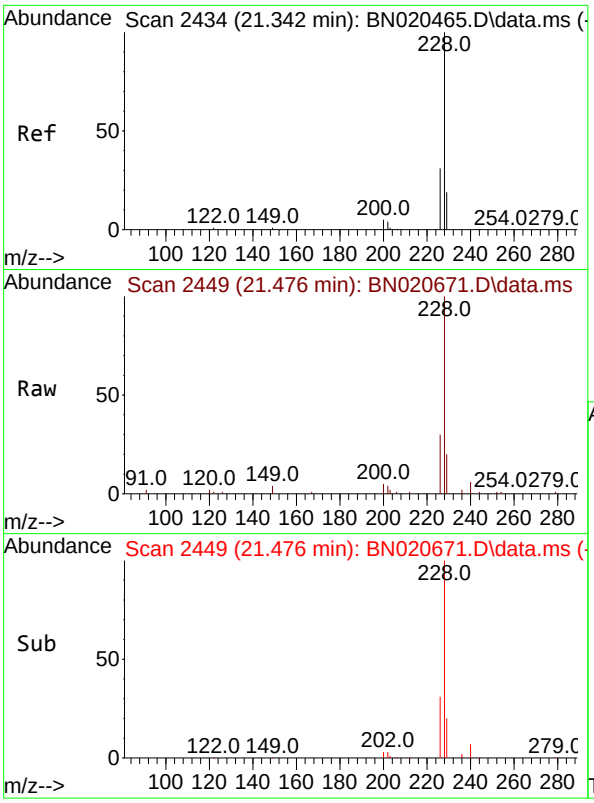


#32
Benzo(a)anthracene
Concen: 0.303 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:228 Resp: 10636

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	20.1	15.6	23.4



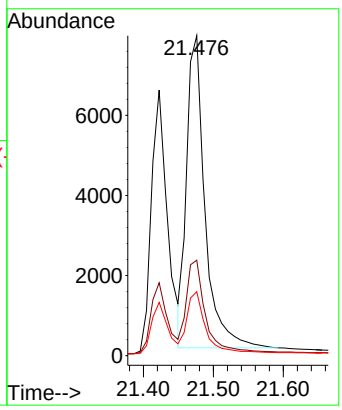


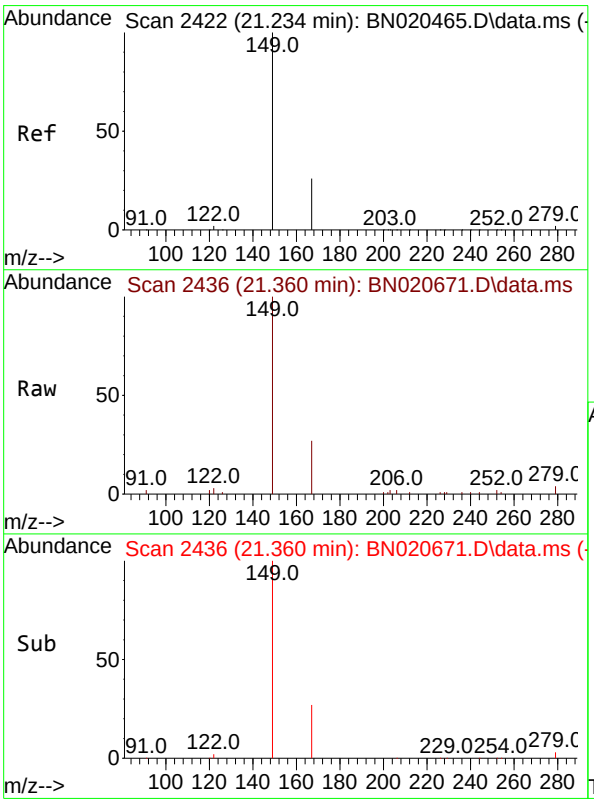
#33
Chrysene
Concen: 0.366 ng
RT: 21.476 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:228 Resp: 14214

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	20.0	15.7	23.5

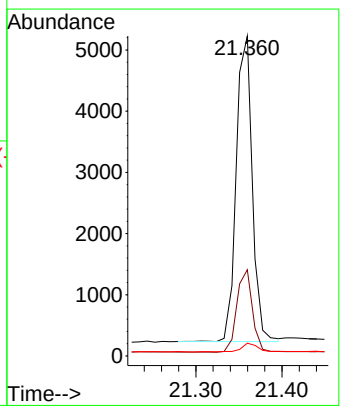


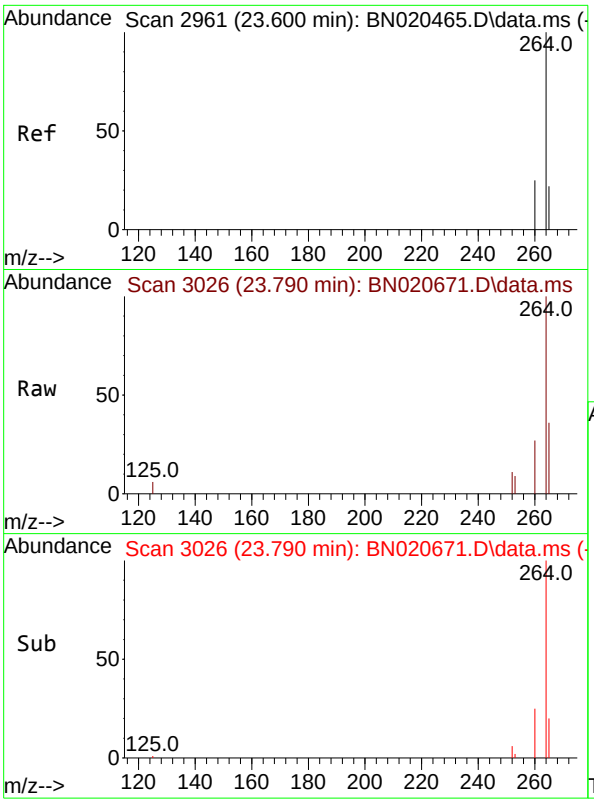


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.327 ng
RT: 21.360 min Scan# 2436
Delta R.T. 0.009 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:149 Resp: 6474

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.7	32.5
279	3.2	2.2	3.2



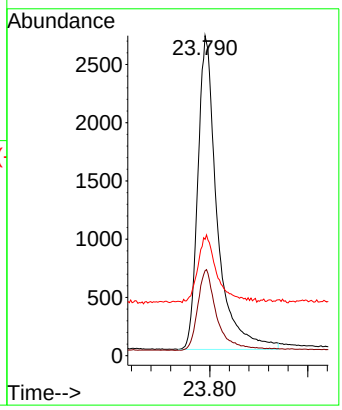


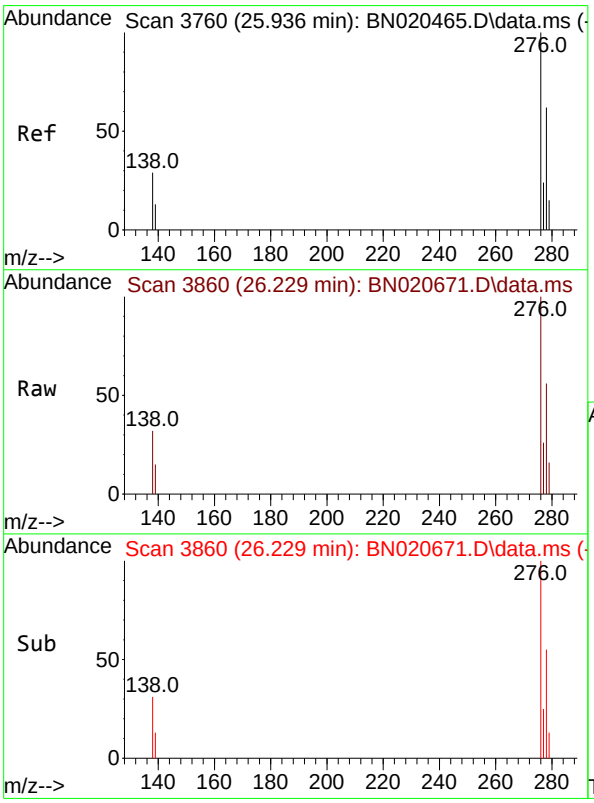
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.790 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:264 Resp: 7379

Ion	Ratio	Lower	Upper
264	100		
260	26.5	20.9	31.3
265	36.4	28.0	42.0

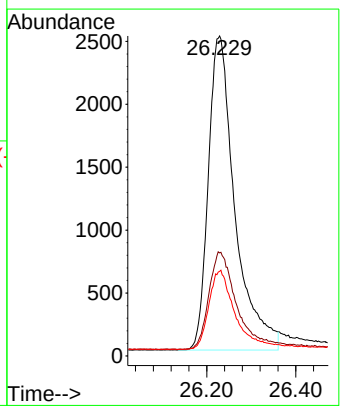


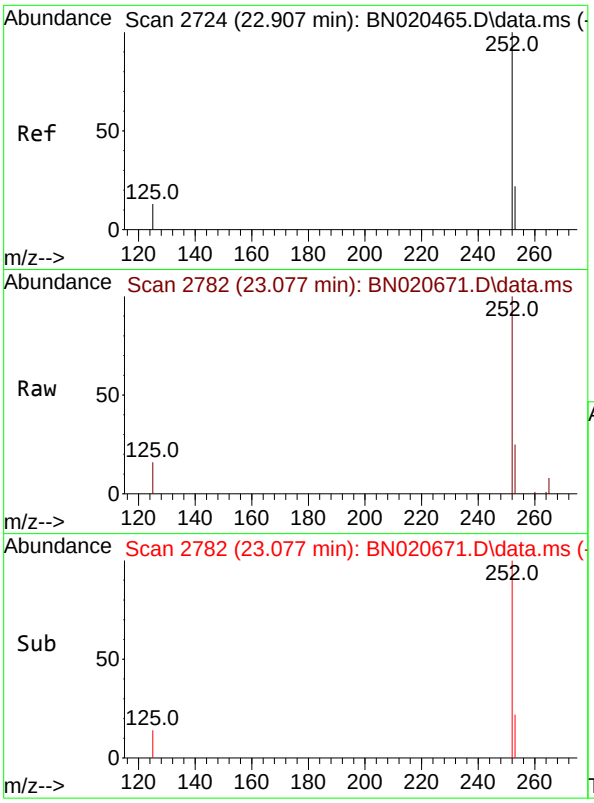


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.316 ng
RT: 26.229 min Scan# 3860
Delta R.T. 0.006 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:276 Resp: 10373

Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.9	38.9
277	24.9	19.8	29.8



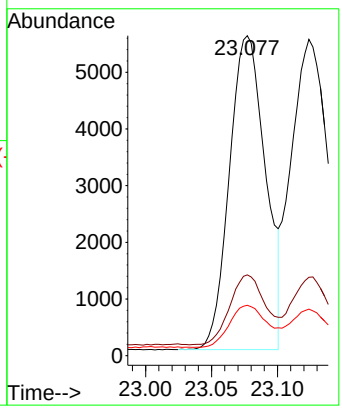


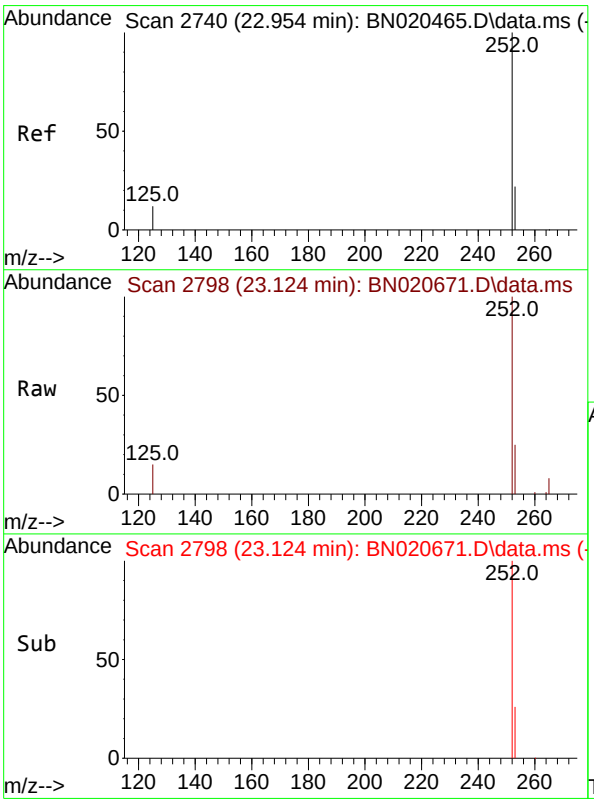
#37
Benzo(b)fluoranthene
Concen: 0.372 ng
RT: 23.077 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:252 Resp: 10567

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	15.8	11.4	17.0

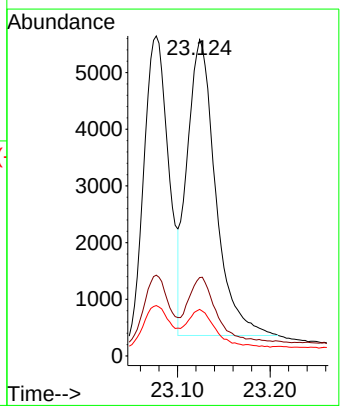


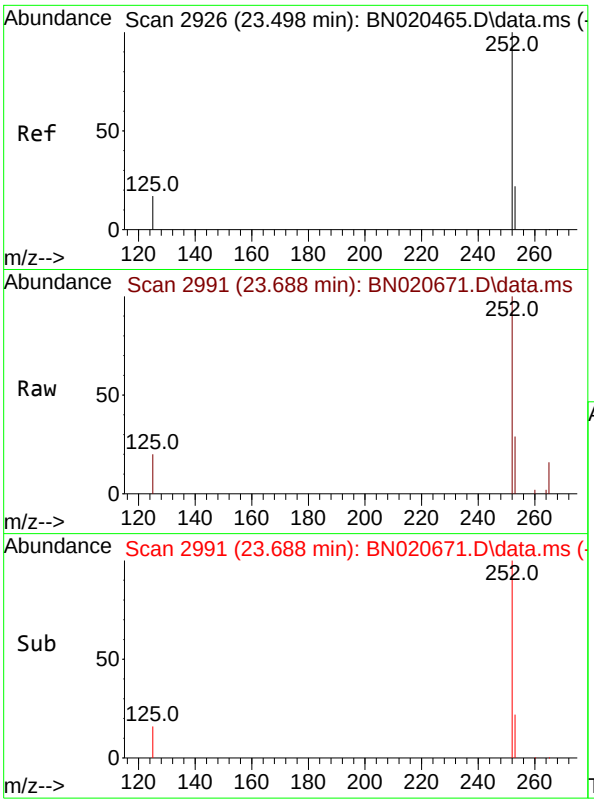


#38
Benzo(k)fluoranthene
Concen: 0.368 ng
RT: 23.124 min Scan# 2798
Delta R.T. 0.003 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:252 Resp: 11137

Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	14.7	11.0	16.4



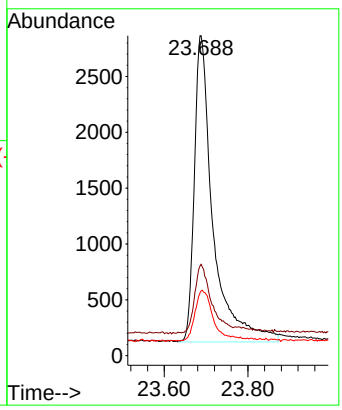


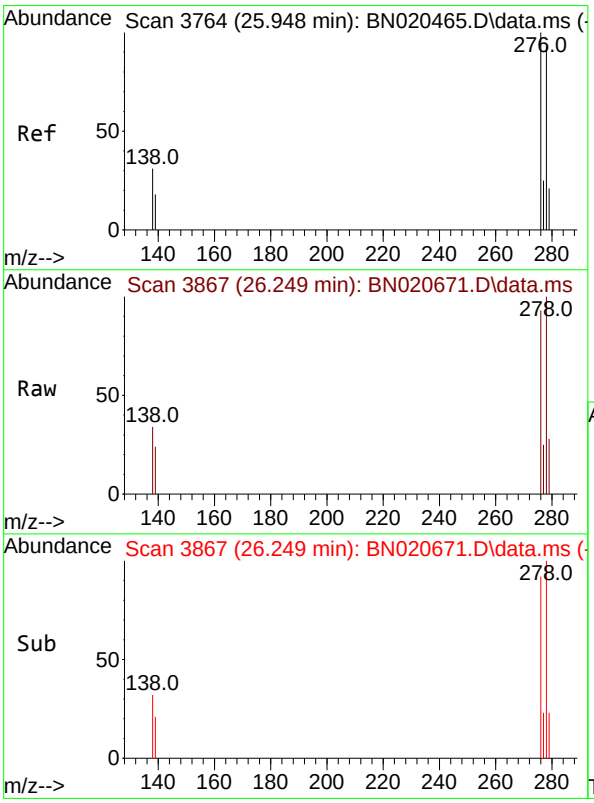
#39
Benzo(a)pyrene
Concen: 0.345 ng
RT: 23.688 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:252 Resp: 8504

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.0	28.4#
125	20.2	13.8	20.8

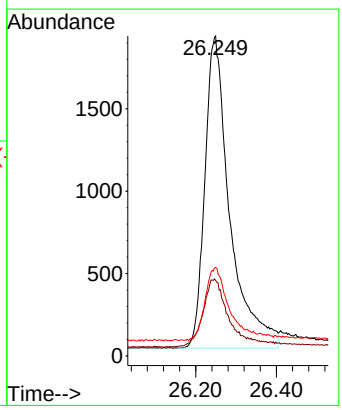


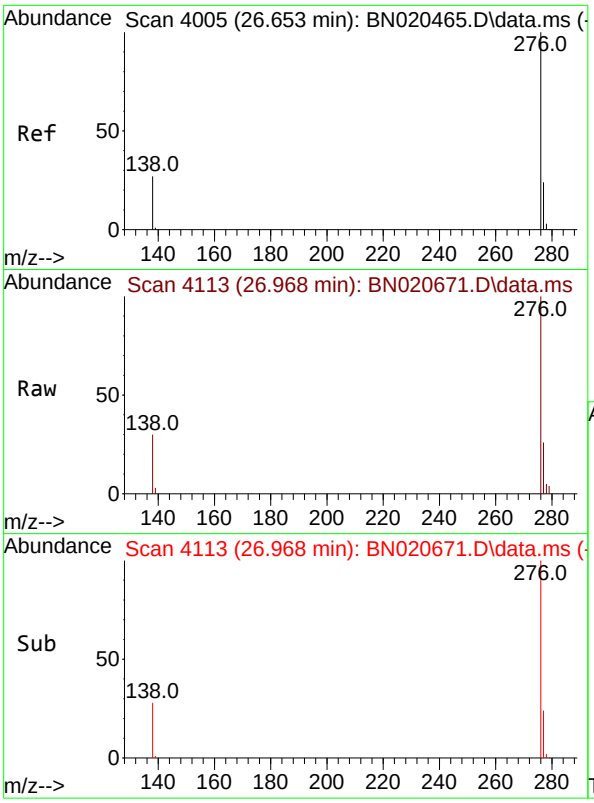


#40
Dibenzo(a,h)anthracene
Concen: 0.309 ng
RT: 26.249 min Scan# 3867
Delta R.T. 0.003 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Tgt Ion:278 Resp: 8136

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.6	28.0
279	27.7	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 26.968 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN020671.D
Acq: 06 Jul 2022 17:29

Instrument :
BNA_N
ClientSampleId :
PB146049BSD

Tgt Ion:276 Resp: 9743

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.5	29.3
138	29.8	22.6	34.0