Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022861.D
Acq On : 25 Nov 2022 15:28
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:39:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:38:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	7562	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	20905	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	11789	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	25367	0.400	ng		0.00
29) Chrysene-d12	21.643	240	15702	0.400	ng		0.00
35) Perylene-d12	24.132	264	11831	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	4115	0.182	ng		0.00
5) Phenol-d6	7.212	99	5154	0.177	ng		0.00
8) Nitrobenzene-d5	9.238	82	3147	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	7376	0.157	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	1034	0.149	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	10778	0.208	ng		0.00
27) Fluoranthene-d10	19.481	212	12293	0.165	ng		0.00
31) Terphenyl-d14	20.076	244	7523	0.211	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	2058	0.209	ng		97
3) n-Nitrosodimethylamine	3.774	42	2060	0.183	ng	#	98
6) bis(2-Chloroethyl)ether	7.486	93	4813	0.174	ng		100
9) Naphthalene	10.947	128	12778	0.195	ng		99
10) Hexachlorobutadiene	11.235	225	2700	0.202	ng	#	100
12) 2-Methylnaphthalene	12.159	142	2318	0.146	ng	#	92
16) Acenaphthylene	14.431	152	11736	0.174	ng		99
17) Acenaphthene	14.773	154	7841	0.189	ng		99
18) Fluorene	15.751	166	9752	0.182	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	497	0.221	ng	#	68
21) 4-Bromophenyl-phenylether	16.645	248	3521	0.187	ng		99
22) Hexachlorobenzene	16.757	284	4346	0.198	ng		99
23) Atrazine	16.906	200	2220	0.148	ng		96
24) Pentachlorophenol	17.104	266	920	0.135	ng		100
25) Phenanthrene	17.501	178	16874	0.194	ng		100
26) Anthracene	17.588	178	14052	0.171	ng		100
28) Fluoranthene	19.511	202	16683	0.169	ng		100
30) Pyrene	19.873	202	16664	0.230	ng		100
32) Benzo(a)anthracene	21.625	228	11984	0.184	ng		100
33) Chrysene	21.679	228	13137	0.207	ng		100
34) Bis(2-ethylhexyl)phtha...	21.562	149	4307	0.111	ng		98
36) Indeno(1,2,3-cd)pyrene	26.749	276	9452	0.175	ng		99
37) Benzo(b)fluoranthene	23.369	252	9939	0.204	ng		96
38) Benzo(k)fluoranthene	23.422	252	10656	0.214	ng	#	95
39) Benzo(a)pyrene	24.021	252	7430	0.186	ng	#	91
40) Dibenzo(a,h)anthracene	26.775	278	7446	0.176	ng		96
41) Benzo(g,h,i)perylene	27.553	276	8511	0.191	ng		97

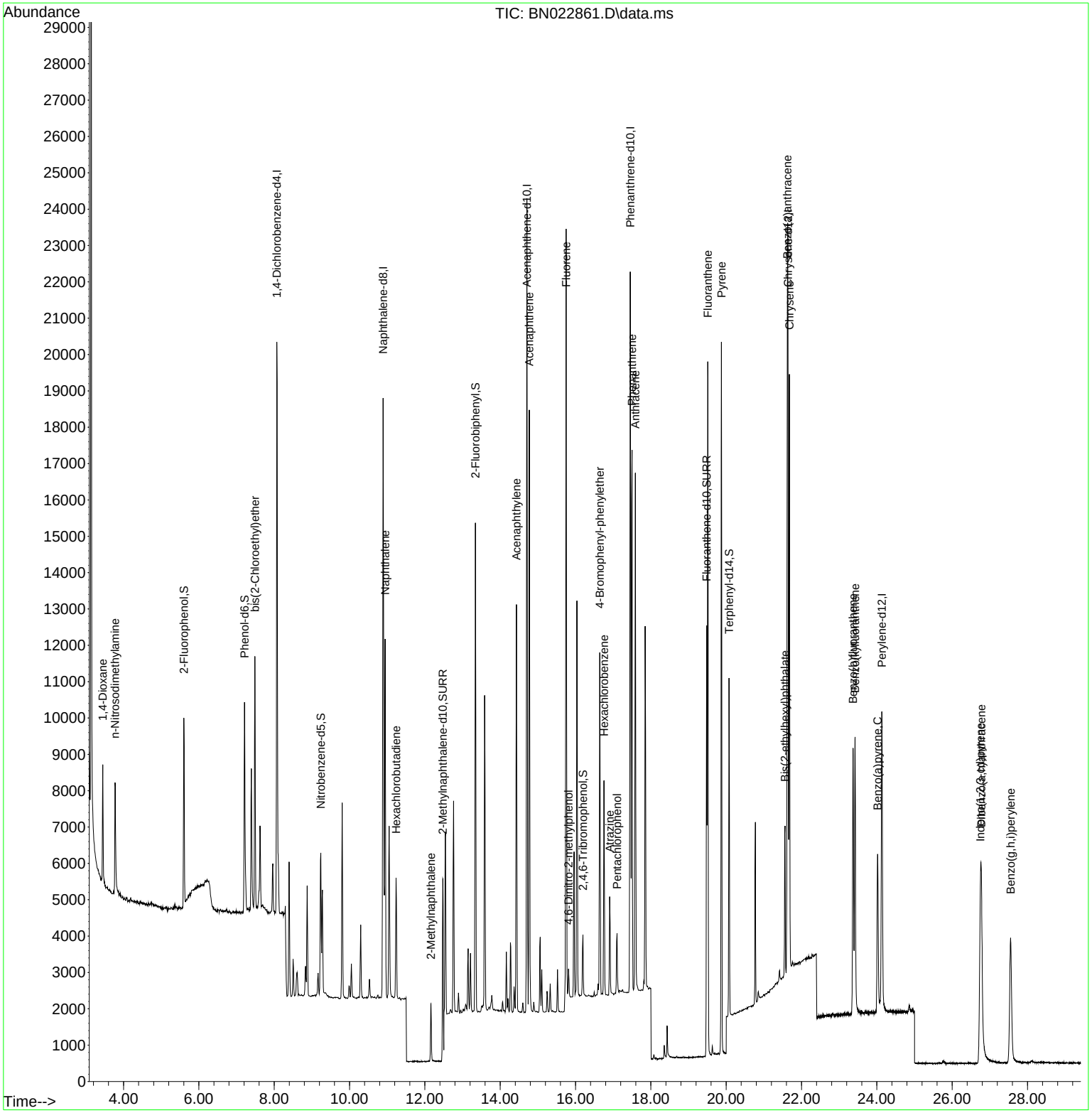
(#) = qualifier out of range (m) = manual integration (+) = signals summed

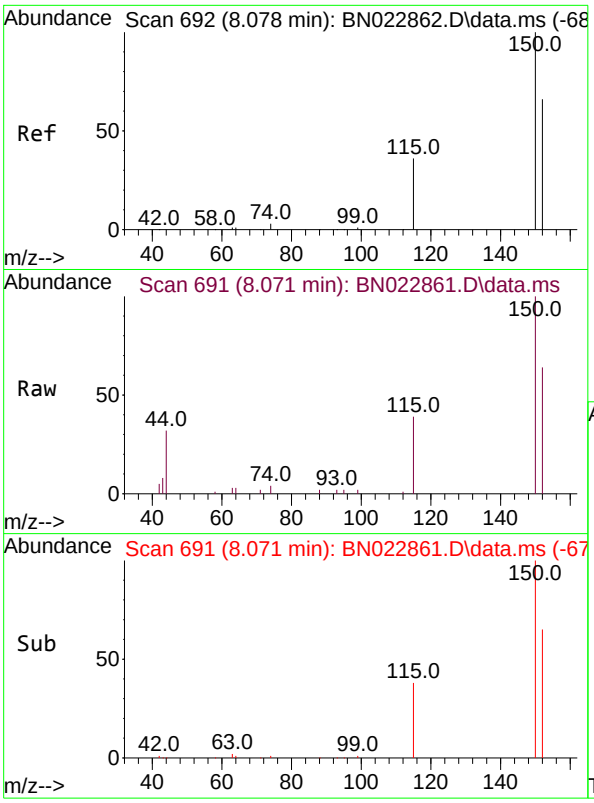
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022861.D
Acq On : 25 Nov 2022 15:28
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:39:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 22:38:23 2022
Response via : Initial Calibration



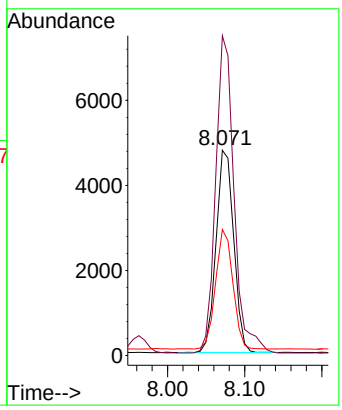


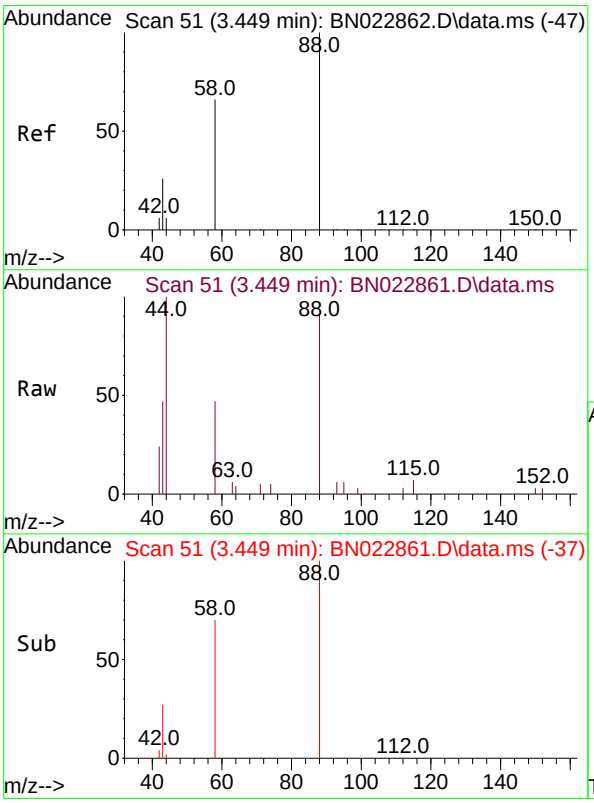
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7562

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.2	181.8
115	61.4	46.2	69.4

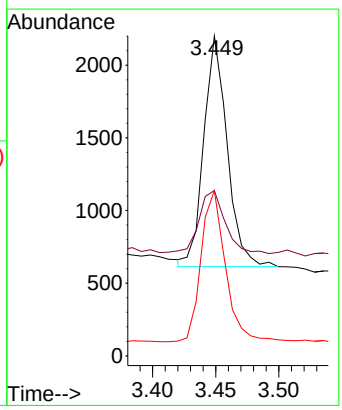


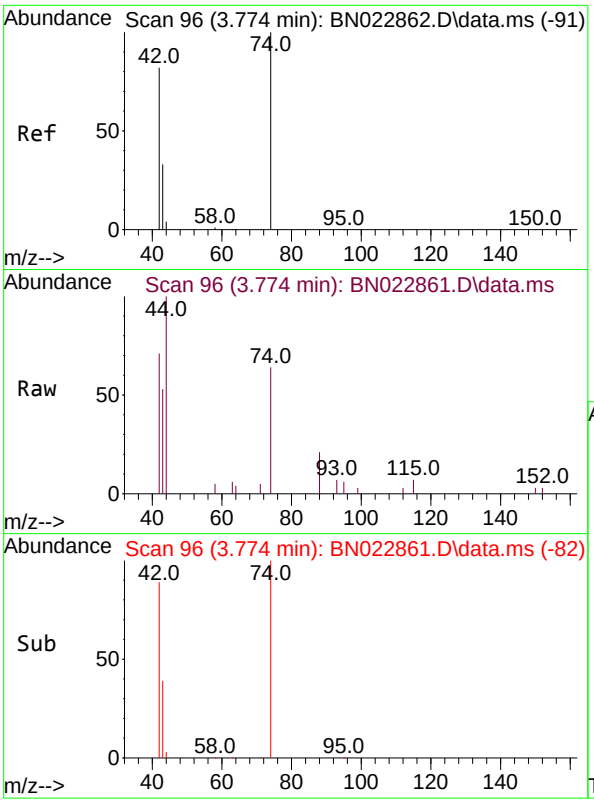


#2
1,4-Dioxane
Concen: 0.209 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
43	30.4	25.4	38.2
58	68.1	56.5	84.7



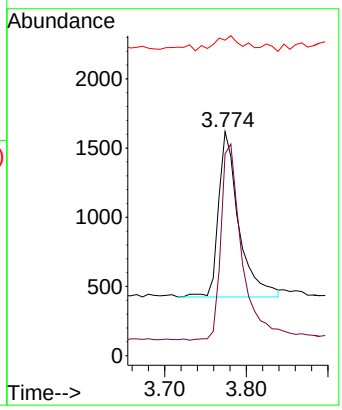


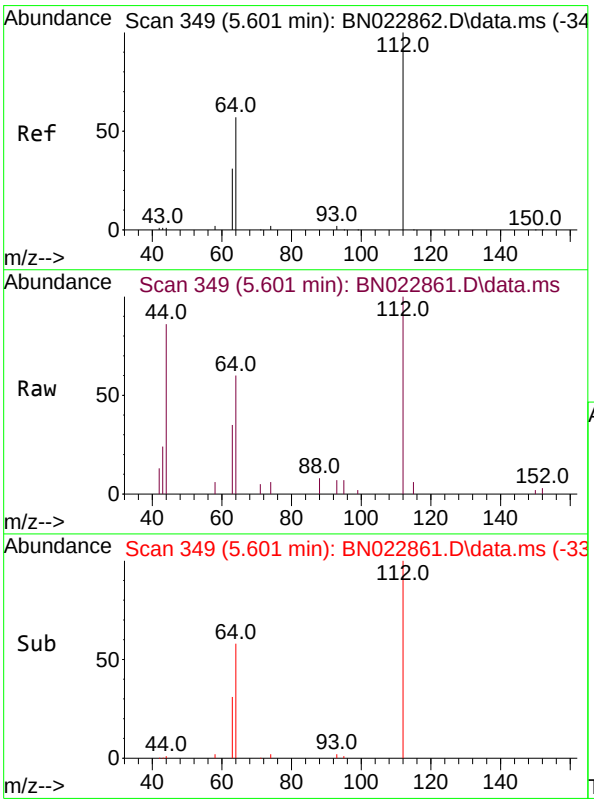
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2060

Ion	Ratio	Lower	Upper
42	100		
74	122.2	99.3	148.9
44	12.1	5.4	8.2#

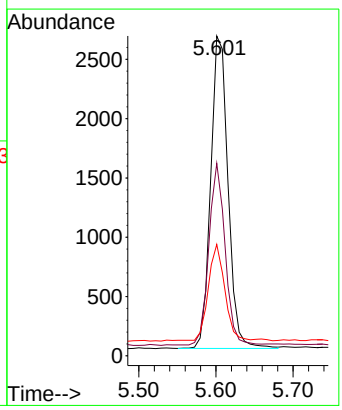


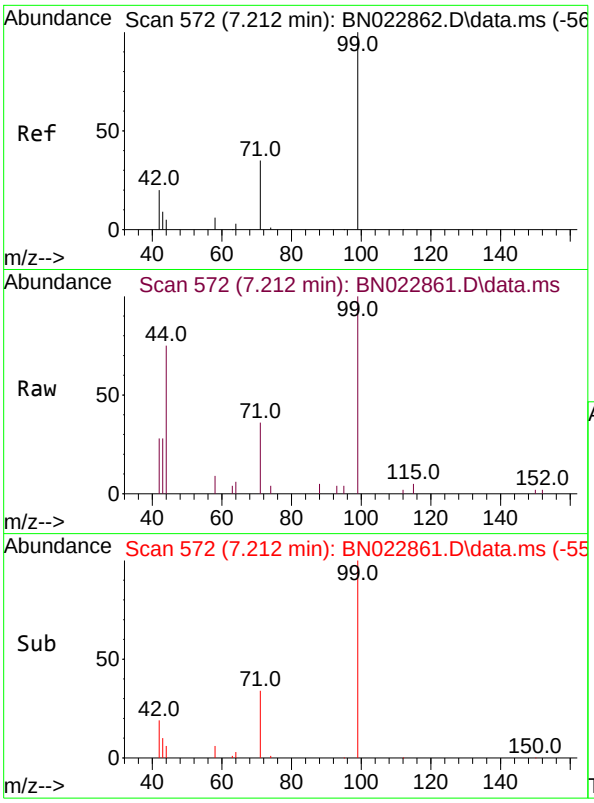


#4
2-Fluorophenol
Concen: 0.182 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:112 Resp: 4115

Ion	Ratio	Lower	Upper
112	100		
64	54.4	43.4	65.2
63	29.9	23.4	35.2



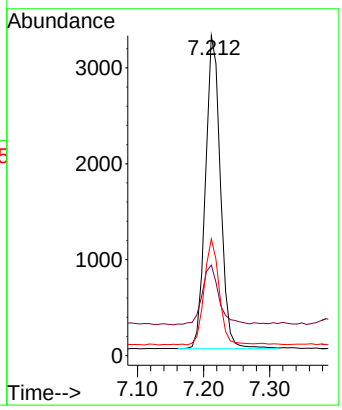


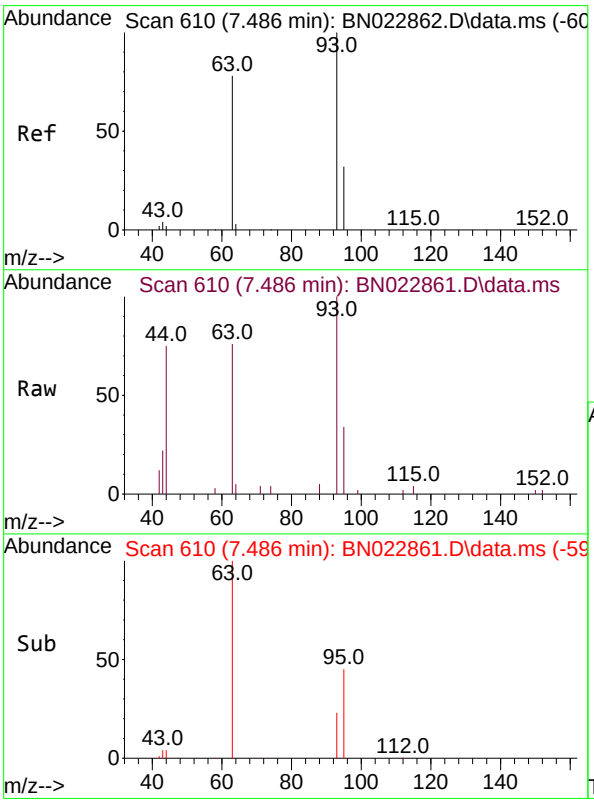
#5
Phenol-d6
Concen: 0.177 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 5154

Ion	Ratio	Lower	Upper
99	100		
42	21.3	16.0	24.0
71	34.0	26.8	40.2

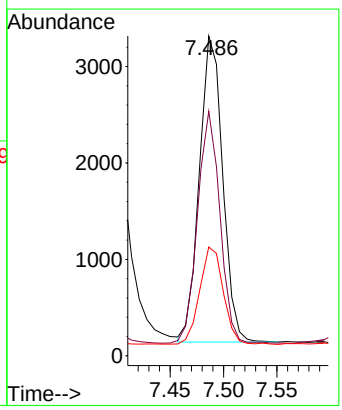


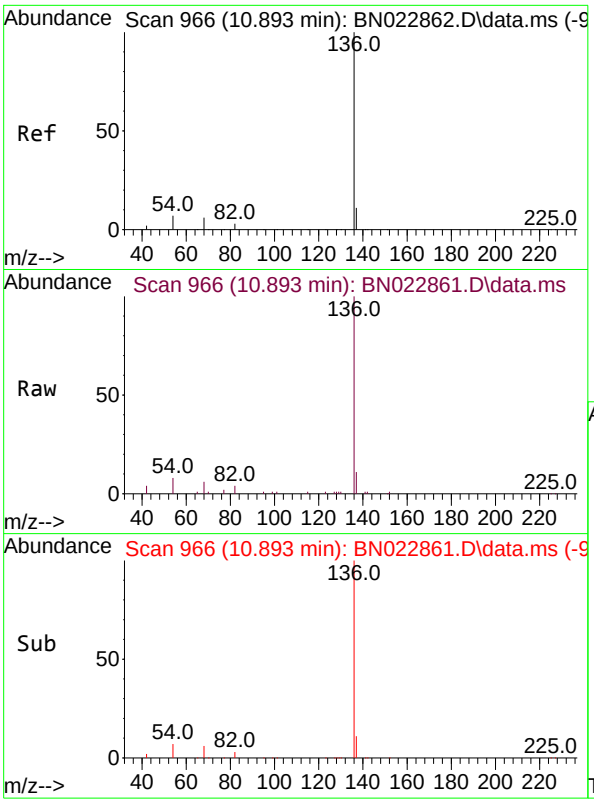


#6
bis(2-Chloroethyl)ether
Concen: 0.174 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion: 93 Resp: 4813

Ion	Ratio	Lower	Upper
93	100		
63	73.0	58.3	87.5
95	32.4	25.8	38.6



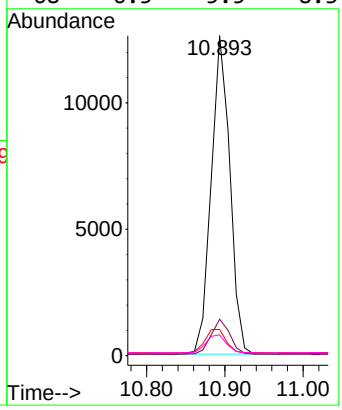


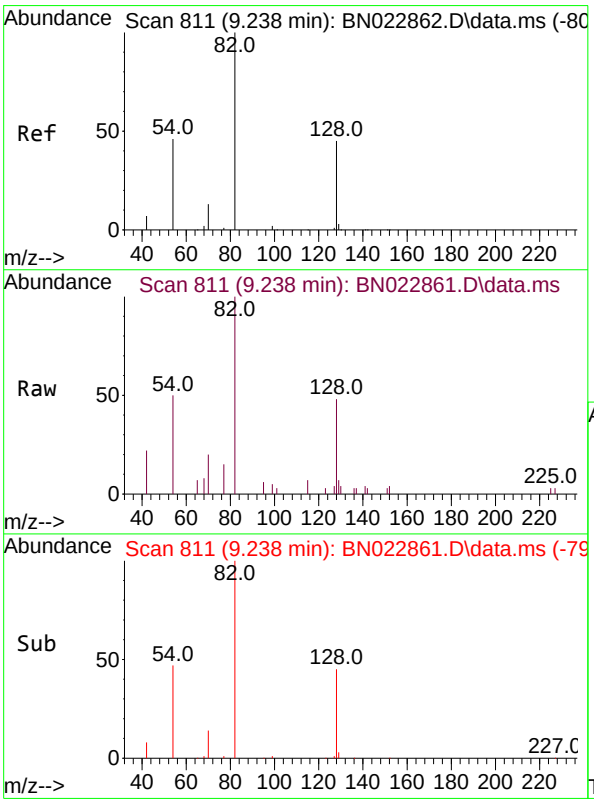
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 20905

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.2	6.6	9.8
68	6.5	5.5	8.3

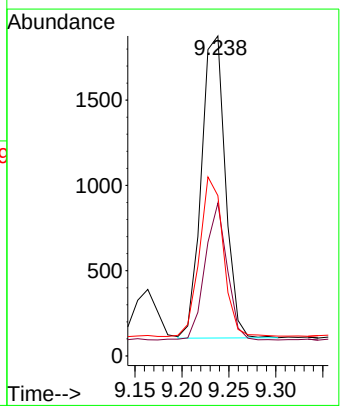


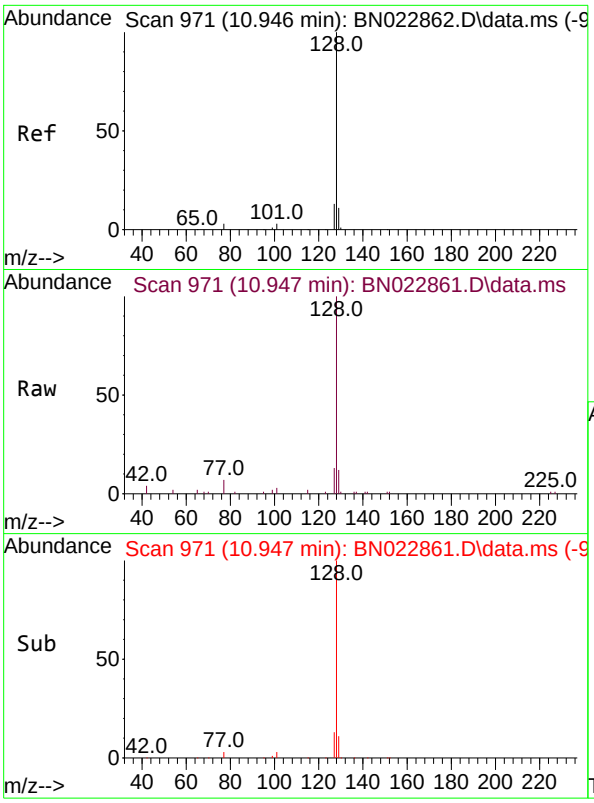


#8
Nitrobenzene-d5
Concen: 0.194 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion: 82 Resp: 3147

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.6	54.8
54	50.1	38.5	57.7



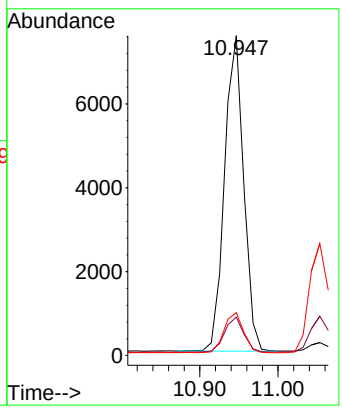


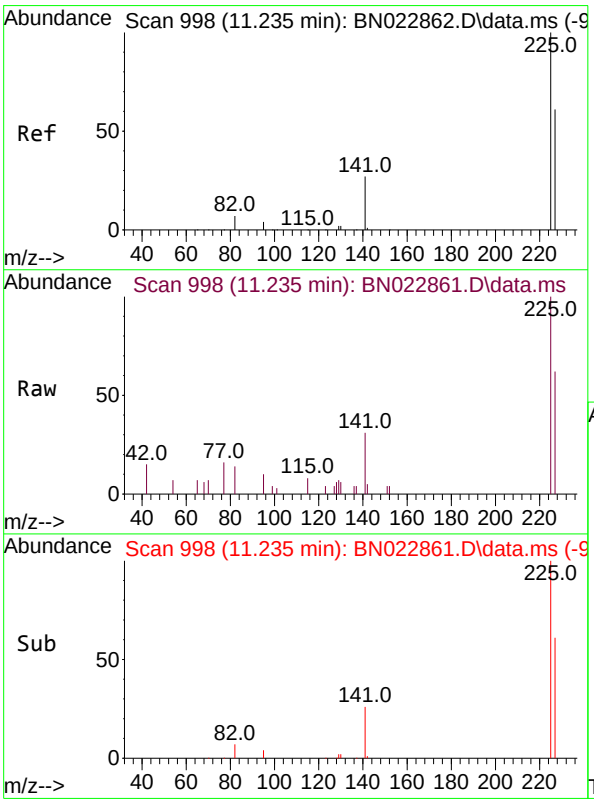
#9
Naphthalene
Concen: 0.195 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12778

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.4
127	13.4	10.8	16.2

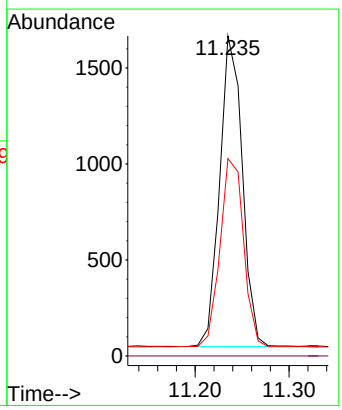


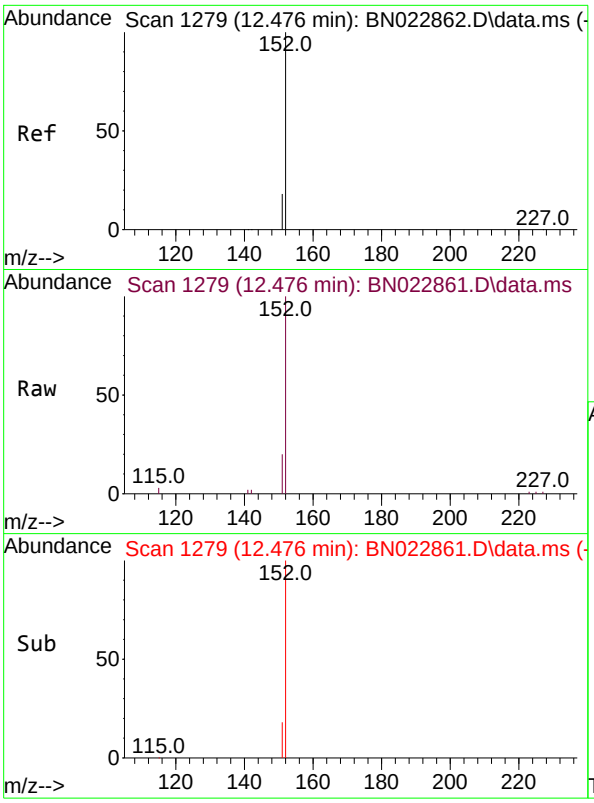


#10
Hexachlorobutadiene
Concen: 0.202 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:225 Resp: 2700

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.8	76.2



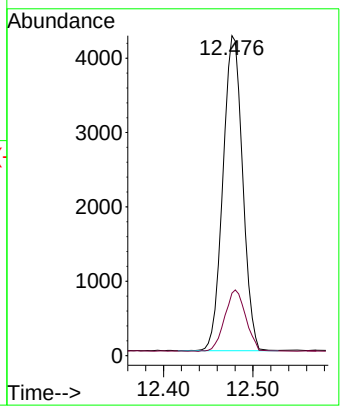


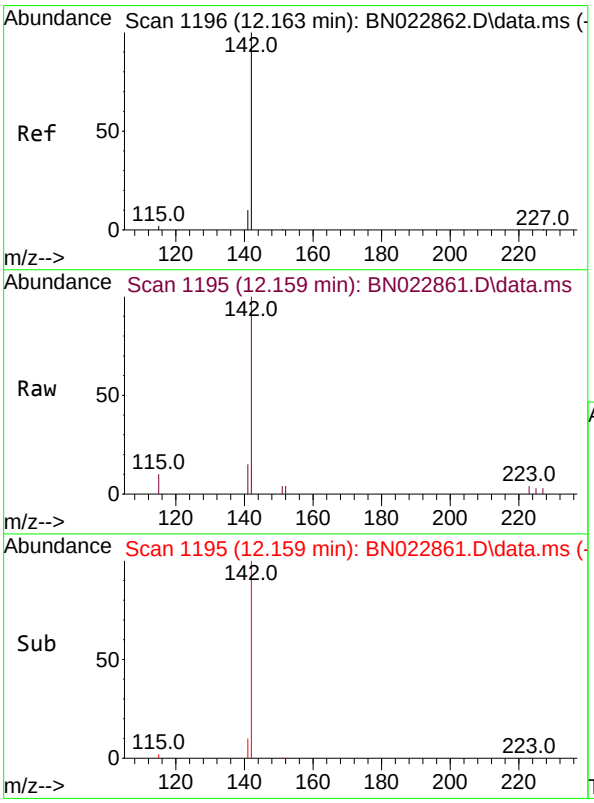
#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 12.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7376

Ion	Ratio	Lower	Upper
152	100		
151	24.3	18.6	27.8

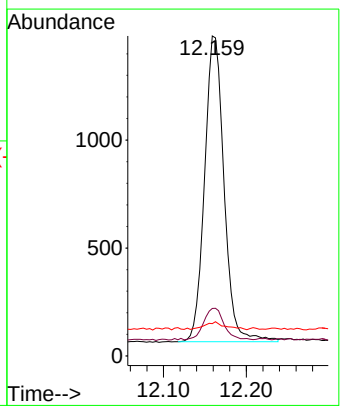


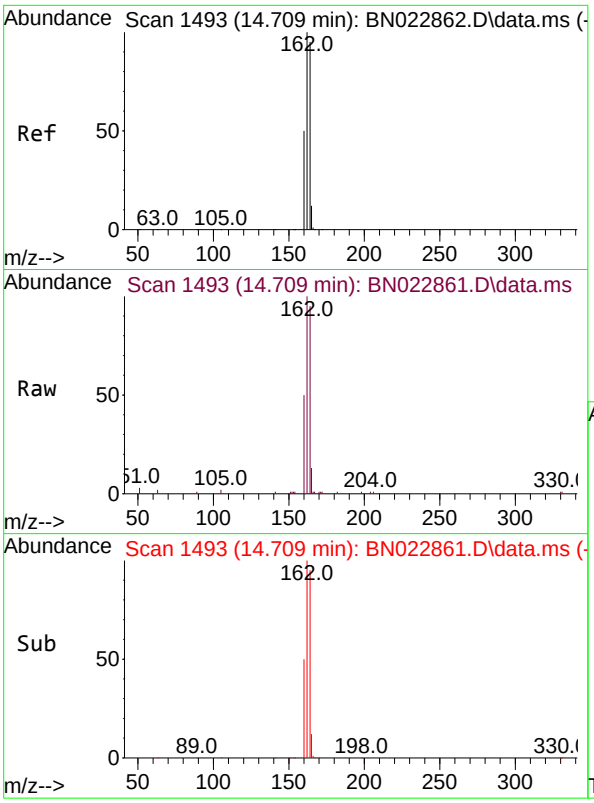


#12
2-Methylnaphthalene
Concen: 0.146 ng
RT: 12.159 min Scan# 1195
Delta R.T. -0.004 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:142 Resp: 2318

Ion	Ratio	Lower	Upper
142	100		
141	14.8	10.1	15.1
115	10.1	4.6	7.0#



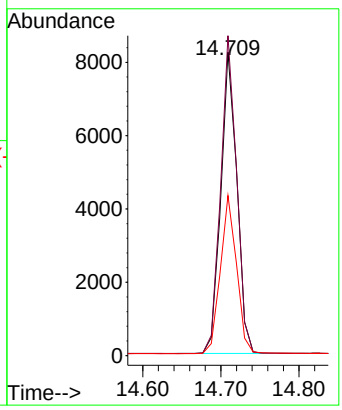


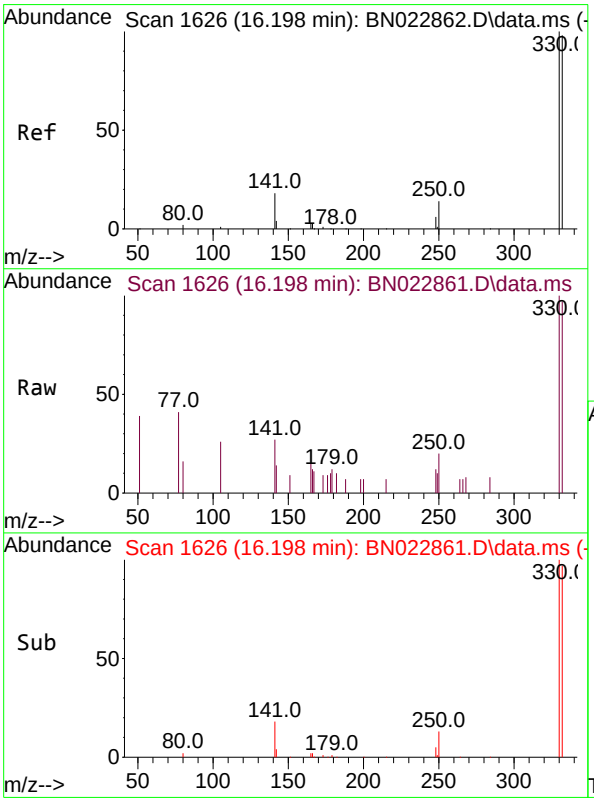
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11789

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.2	126.4
160	52.7	42.5	63.7

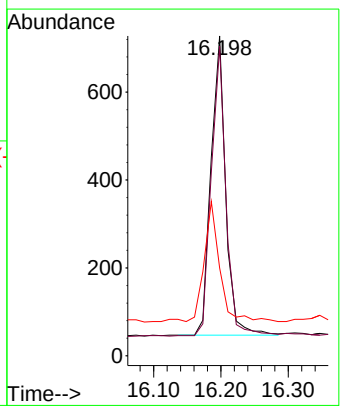


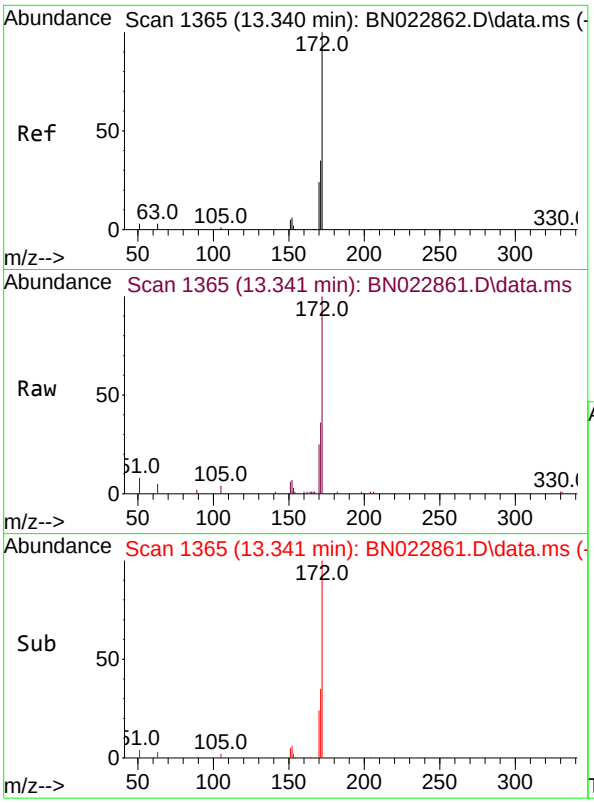


#14
2,4,6-Tribromophenol
Concen: 0.149 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:330 Resp: 1034

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	41.6	32.6	48.8



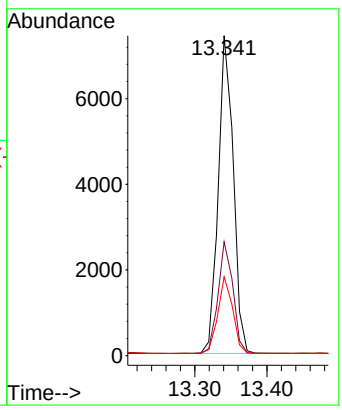


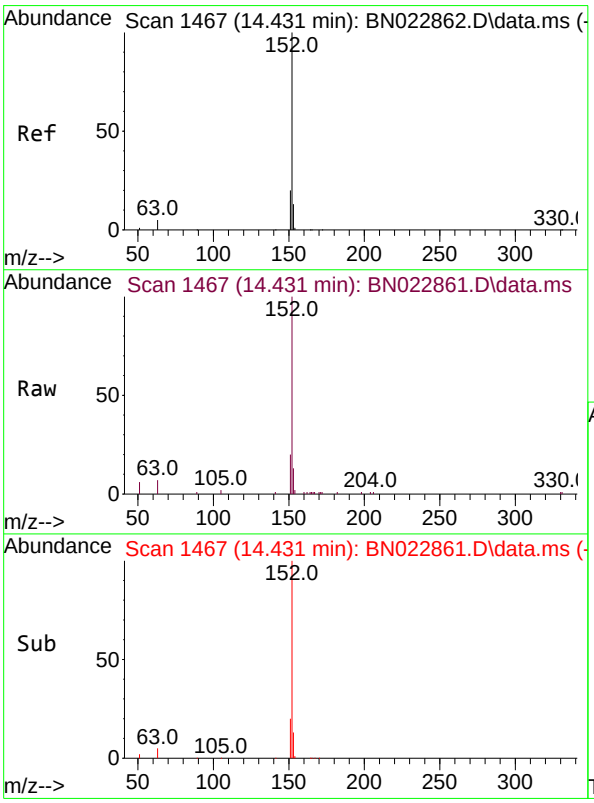
#15
2-Fluorobiphenyl
Concen: 0.208 ng
RT: 13.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10778

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	24.7	19.3	28.9

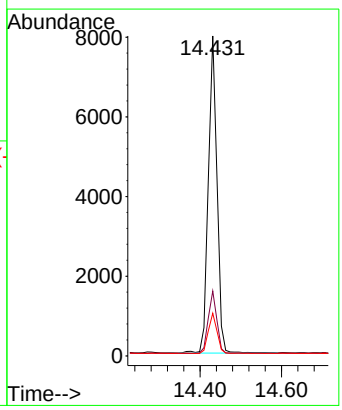


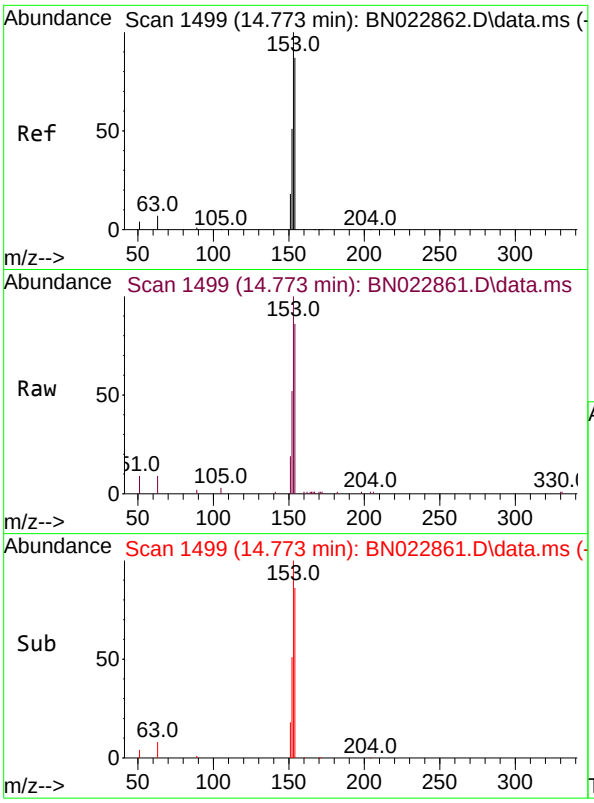


#16
Acenaphthylene
Concen: 0.174 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:152 Resp: 11736

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	12.6	10.5	15.7



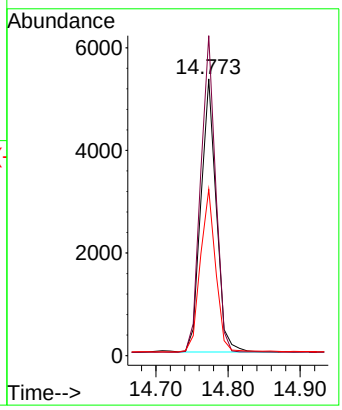


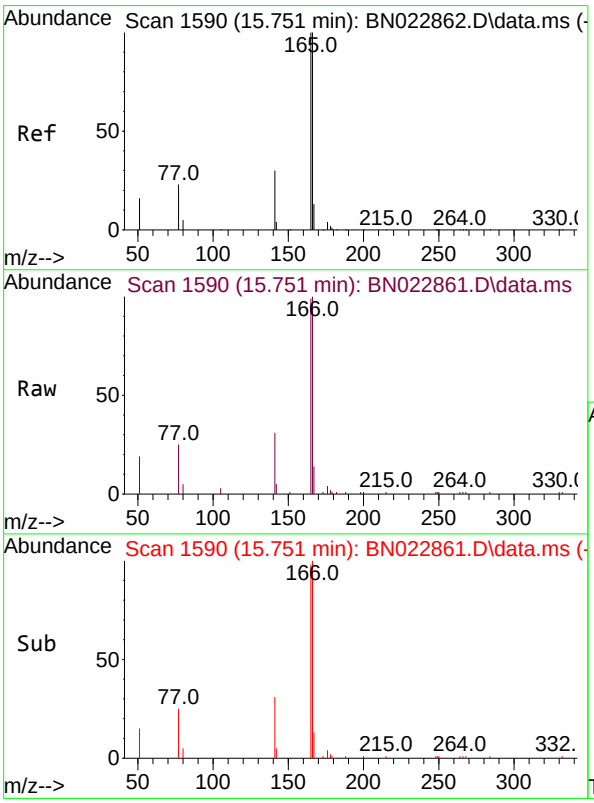
#17
Acenaphthene
Concen: 0.189 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 7841

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.0	135.0
152	59.4	47.0	70.6

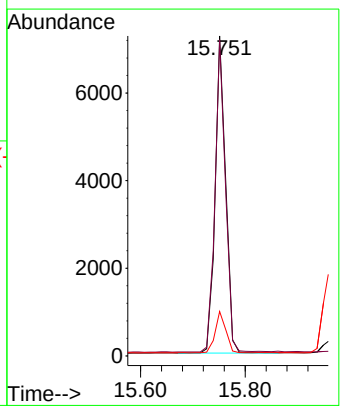


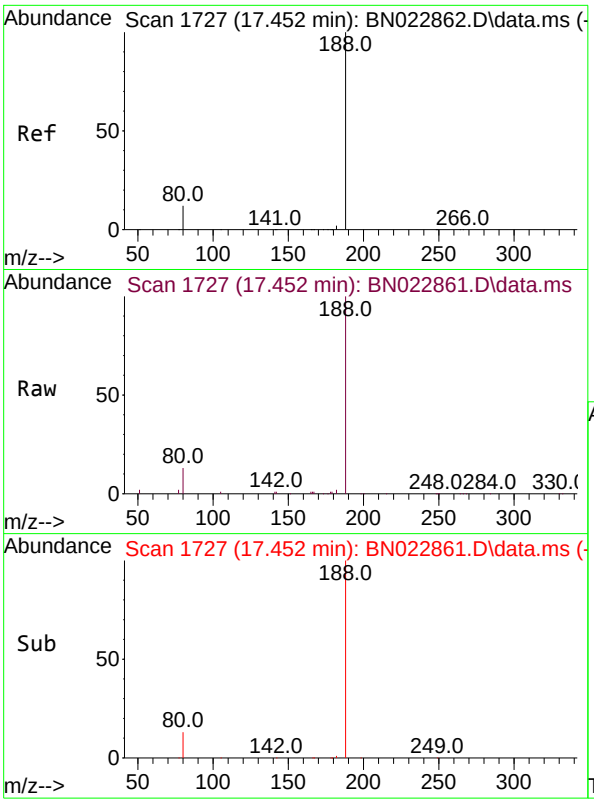


#18
Fluorene
Concen: 0.182 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:166 Resp: 9752

Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.4	119.0
167	13.6	10.7	16.1



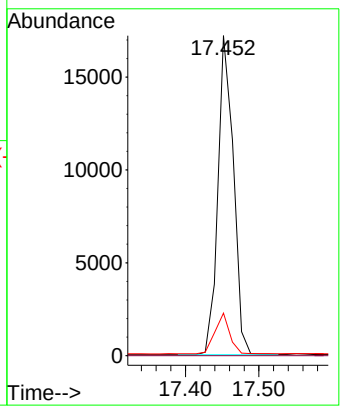


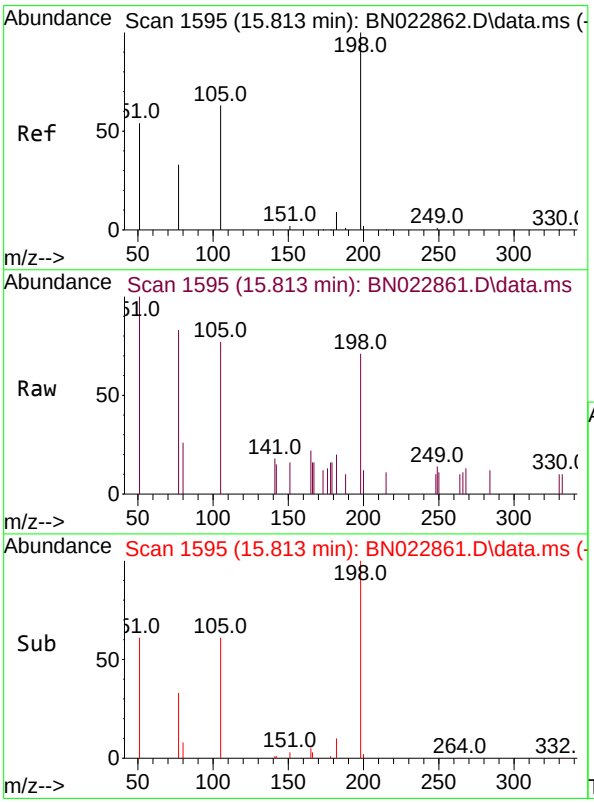
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 25367

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	10.3	15.5

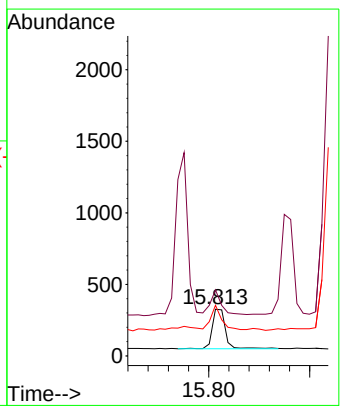


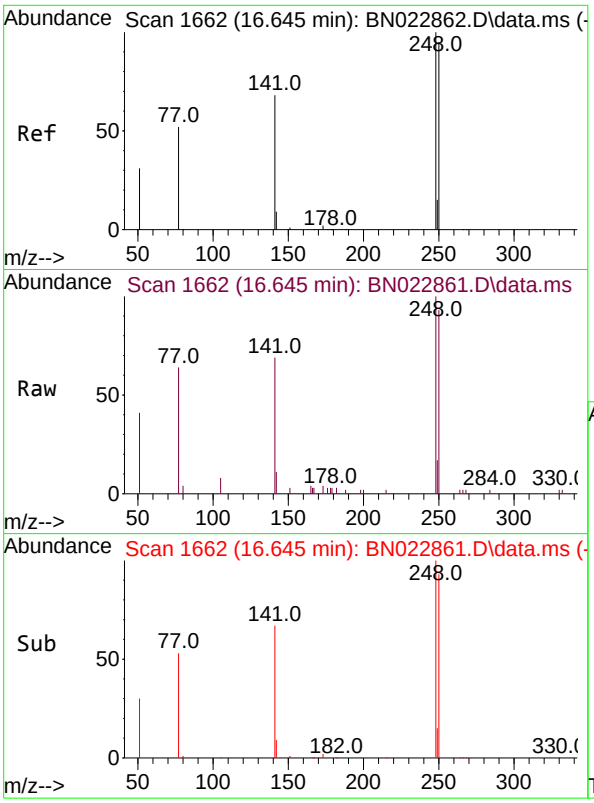


#20
4,6-Dinitro-2-methylphenol
Concen: 0.221 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:198 Resp: 497

Ion	Ratio	Lower	Upper
198	100		
51	141.4	80.5	120.7#
105	108.6	70.5	105.7#



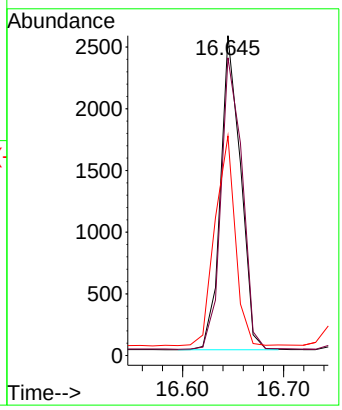


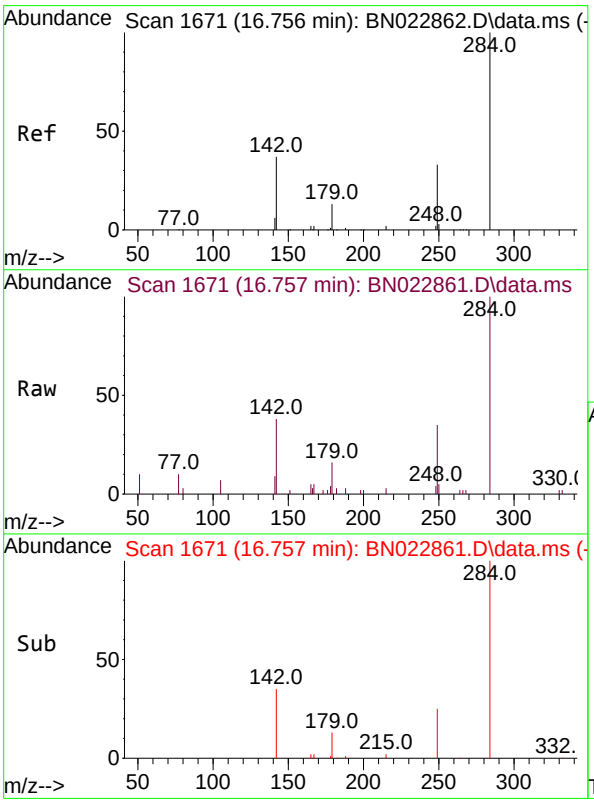
#21
4-Bromophenyl-phenylether
Concen: 0.187 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3521

Ion	Ratio	Lower	Upper
248	100		
250	93.1	75.8	113.6
141	68.6	55.4	83.0

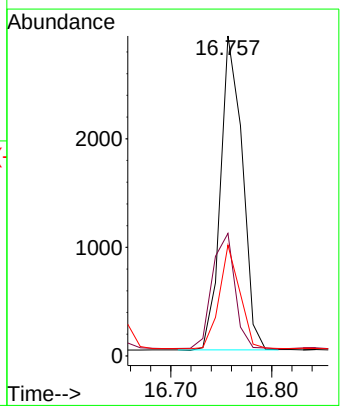


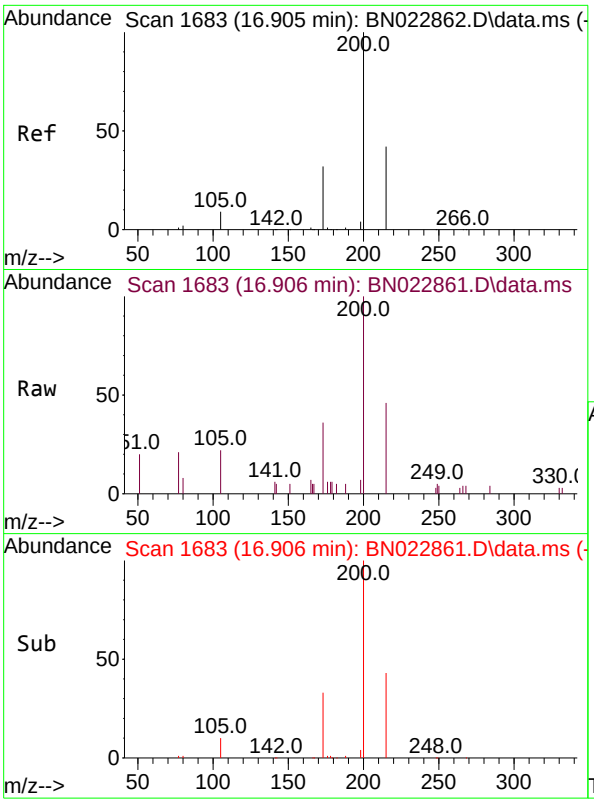


#22
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:284 Resp: 4346

Ion	Ratio	Lower	Upper
284	100		
142	38.4	30.1	45.1
249	30.8	24.5	36.7



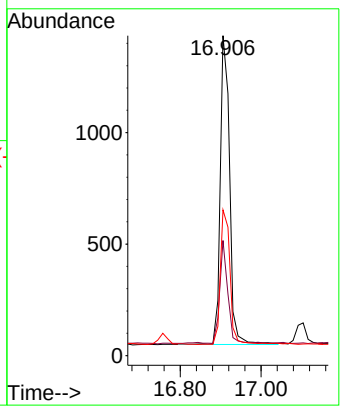


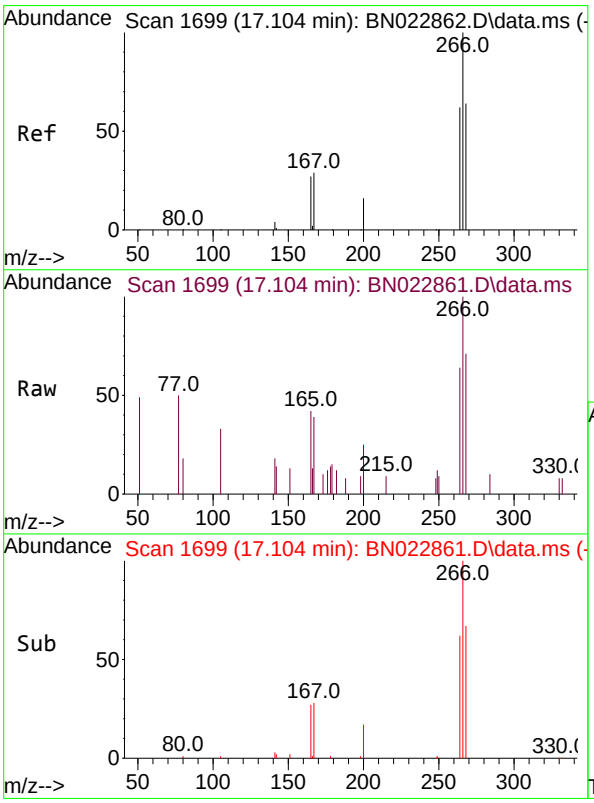
#23
Atrazine
Concen: 0.148 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2220

Ion	Ratio	Lower	Upper
200	100		
173	36.0	26.4	39.6
215	45.5	34.4	51.6

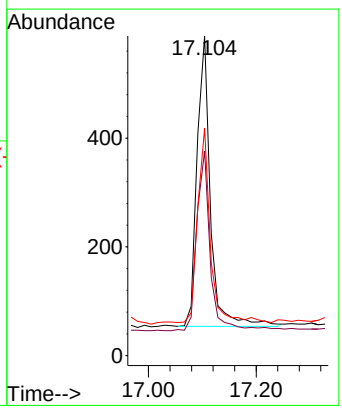


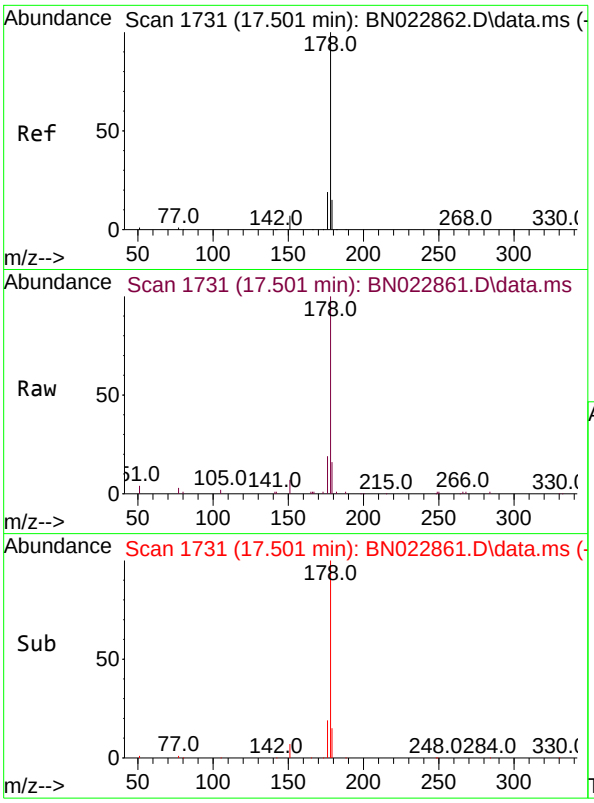


#24
Pentachlorophenol
Concen: 0.135 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:266 Resp: 920

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.0	75.0
268	63.3	50.9	76.3



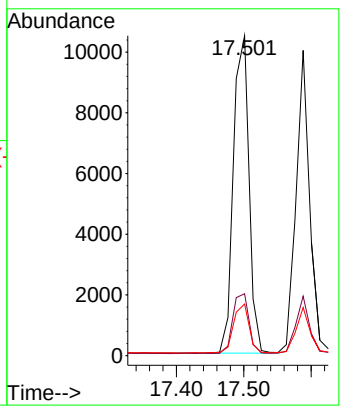


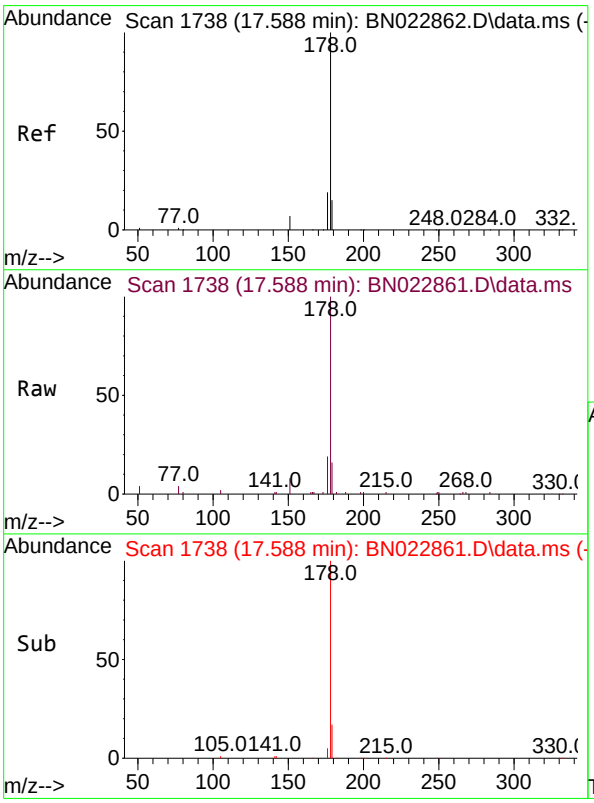
#25
Phenanthrene
Concen: 0.194 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16874

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.4	12.2	18.2

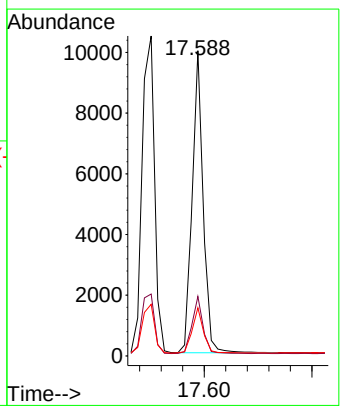


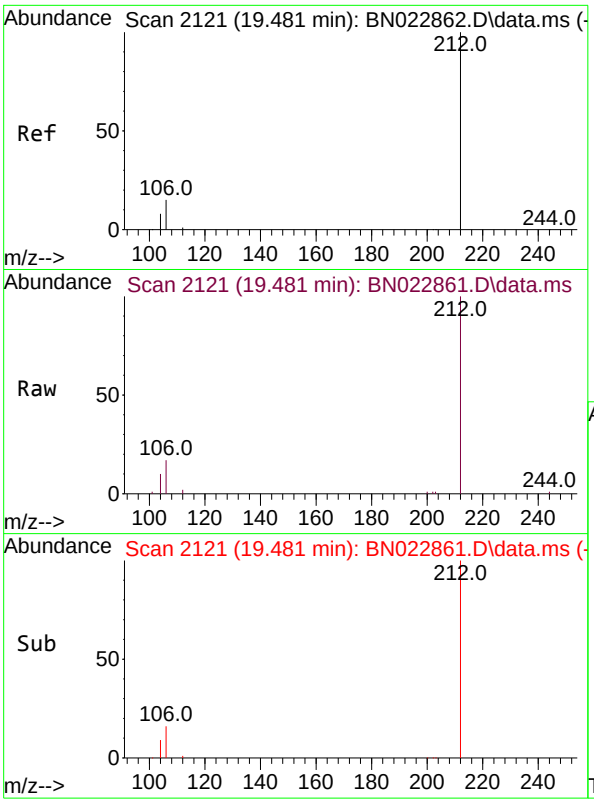


#26
Anthracene
Concen: 0.171 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:178 Resp: 14052

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.4	12.2	18.2



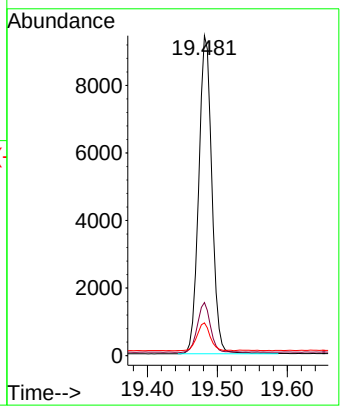


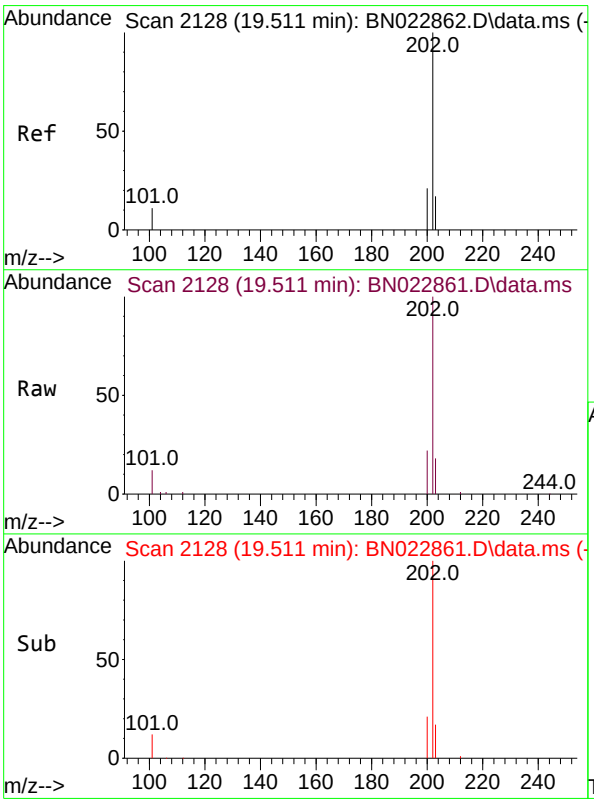
#27
Fluoranthene-d10
Concen: 0.165 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 12293

Ion	Ratio	Lower	Upper
212	100		
106	15.7	12.3	18.5
104	8.7	7.0	10.4

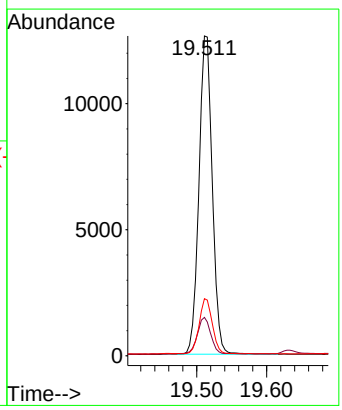


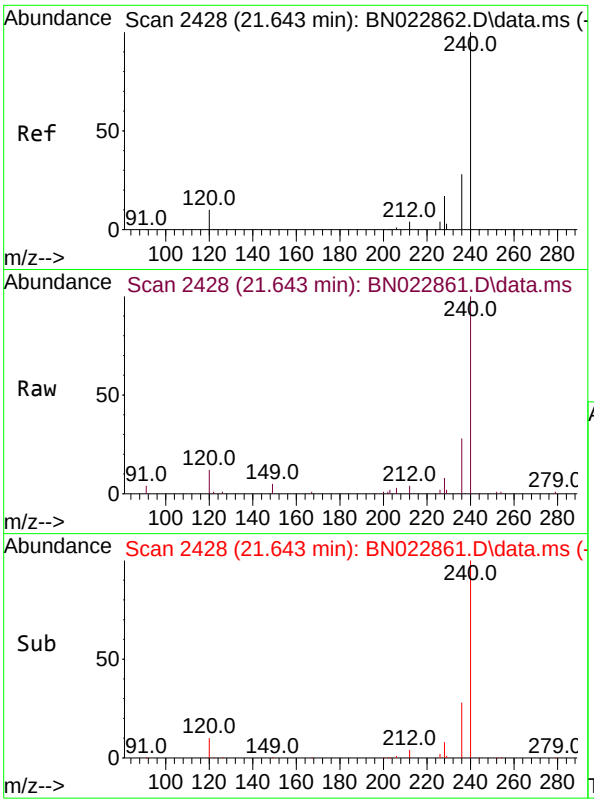


#28
Fluoranthene
Concen: 0.169 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:202 Resp: 16683

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.3	13.9
203	17.0	13.7	20.5



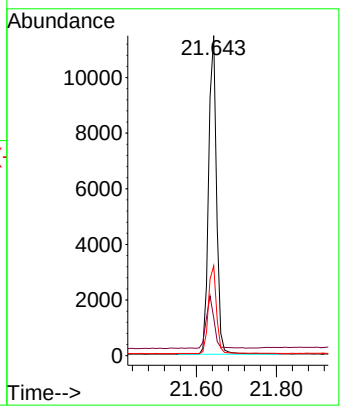


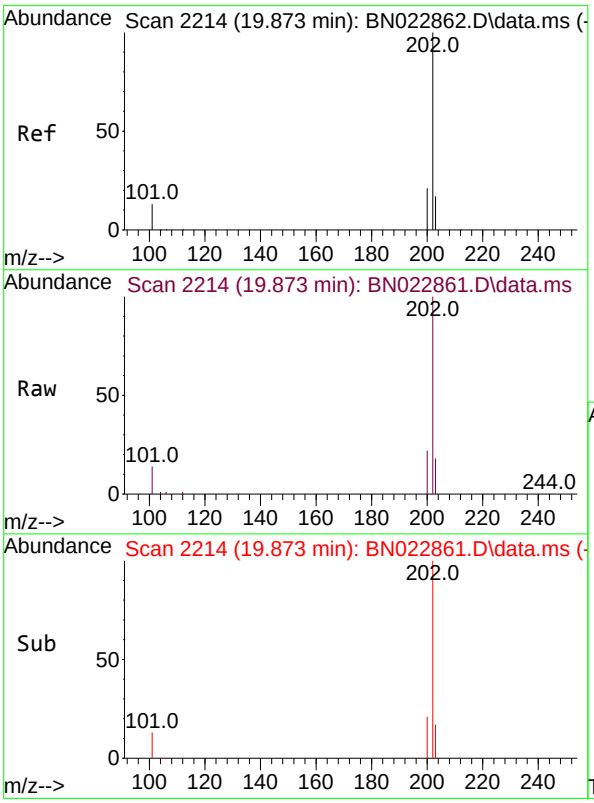
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 15702

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.2	13.8
236	28.1	22.6	34.0

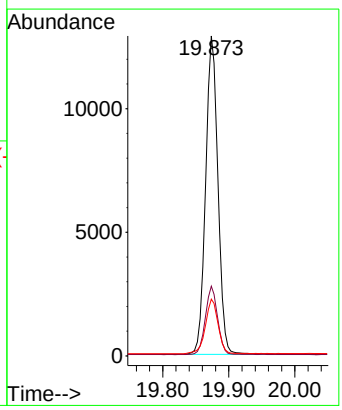


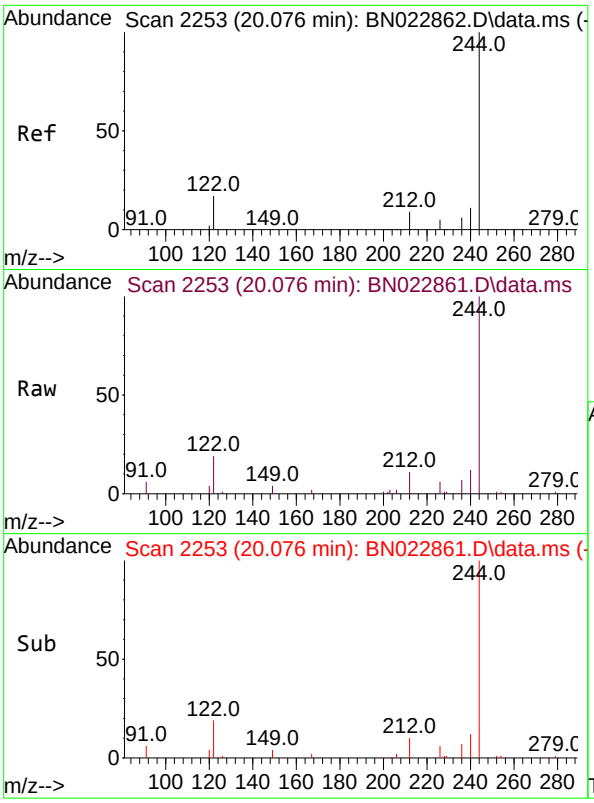


#30
Pyrene
Concen: 0.230 ng
RT: 19.873 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:202 Resp: 16664

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.4
203	17.7	14.2	21.2



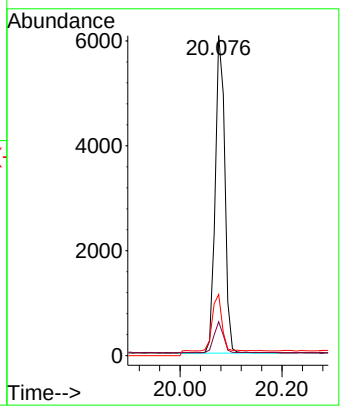


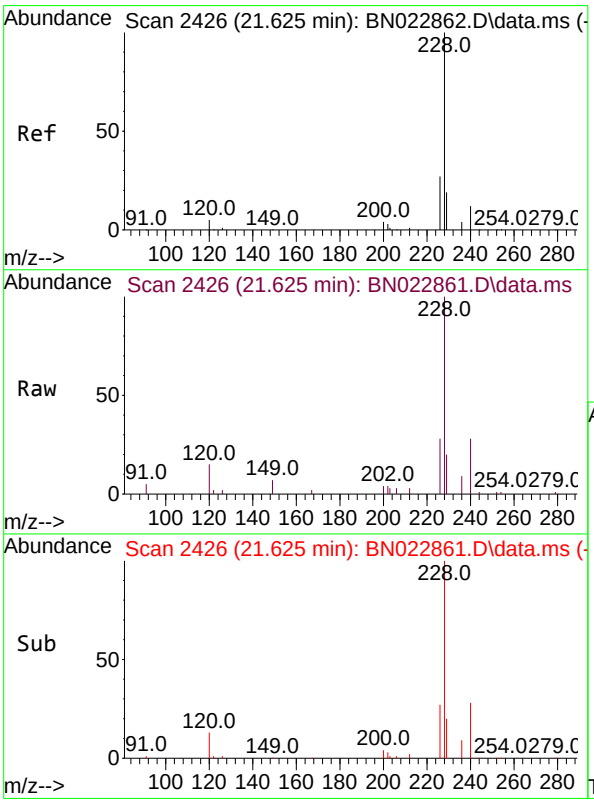
#31
Terphenyl-d14
Concen: 0.211 ng
RT: 20.076 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7523

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	19.1	13.9	20.9

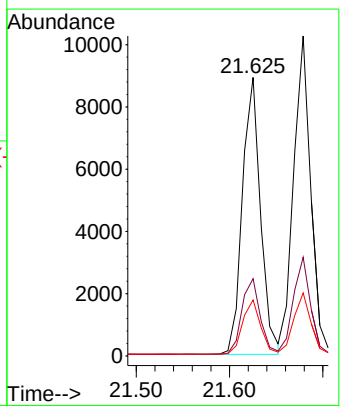


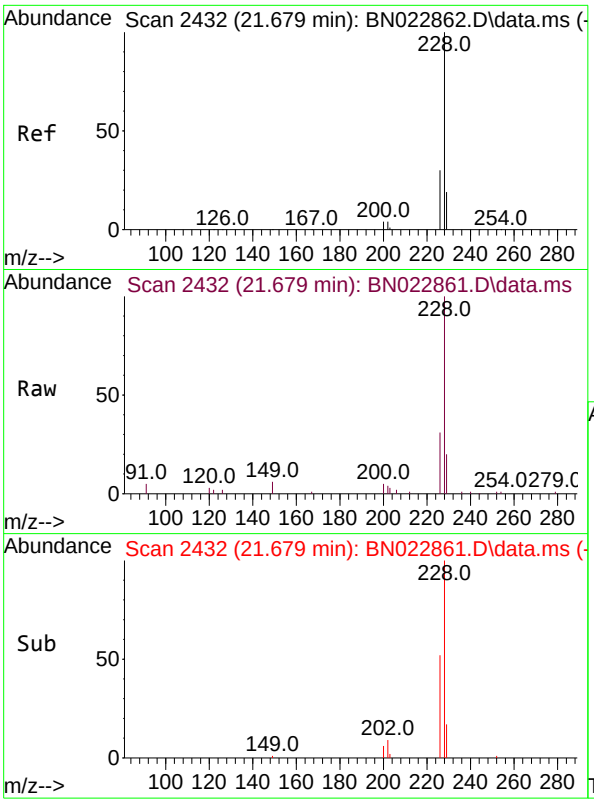


#32
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:228 Resp: 11984

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	20.1	15.8	23.6



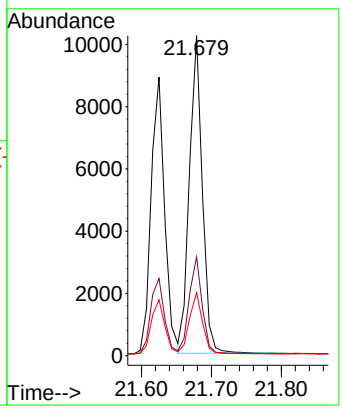


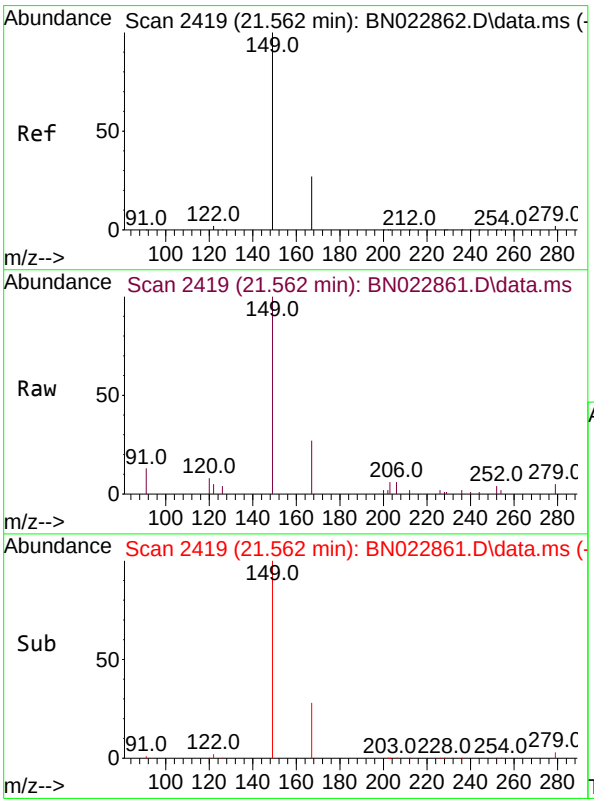
#33
Chrysene
Concen: 0.207 ng
RT: 21.679 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 13137

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	19.7	15.8	23.6

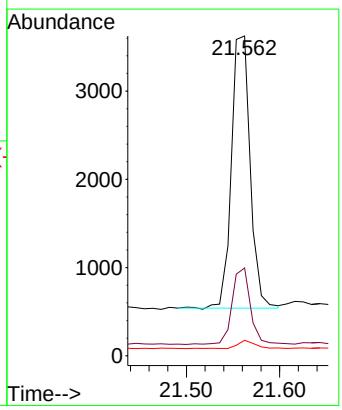


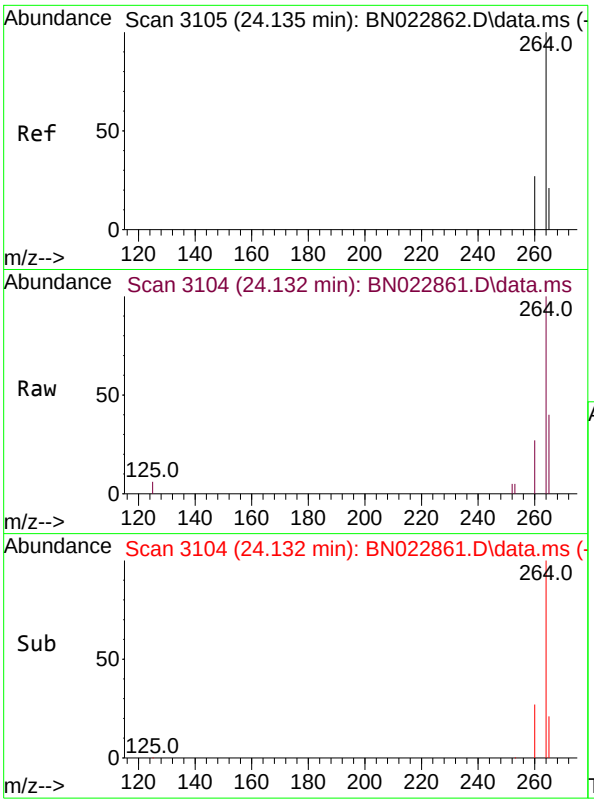


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.562 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:149 Resp: 4307

Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	2.7	2.3	3.5



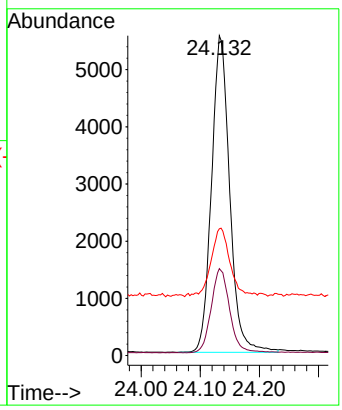


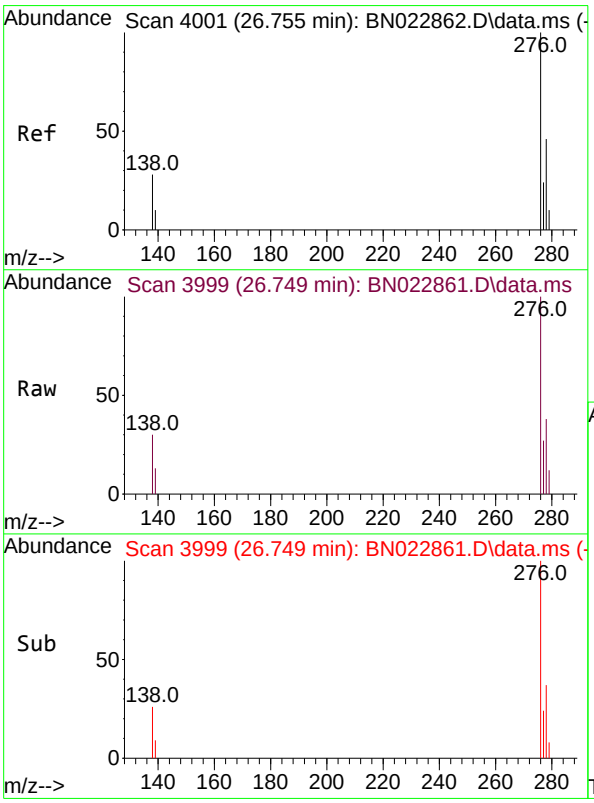
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.132 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 11831

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.7	32.5
265	39.6	31.0	46.4

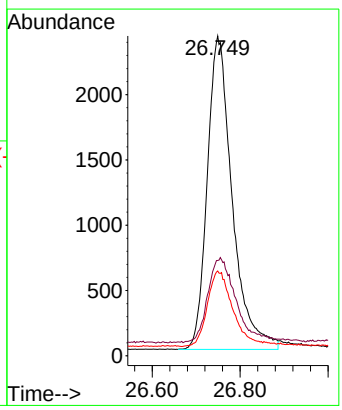


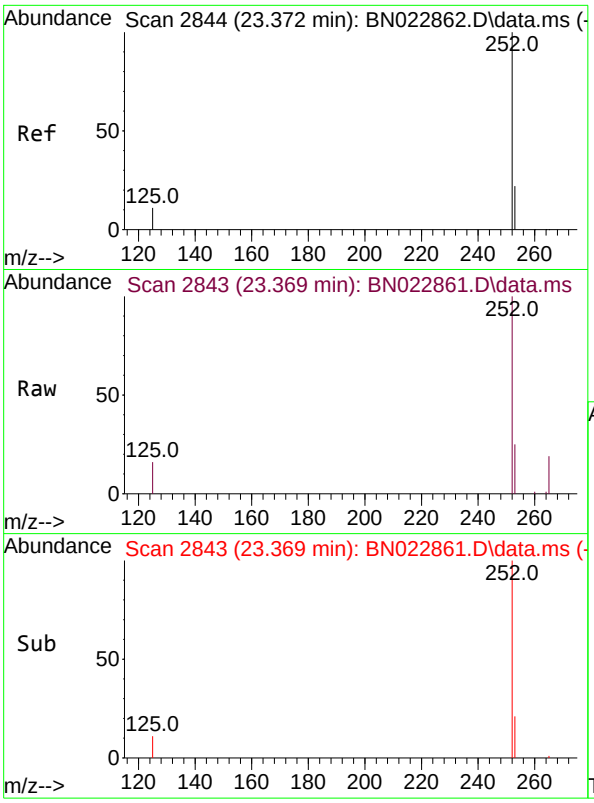


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng
RT: 26.749 min Scan# 3999
Delta R.T. -0.006 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:276 Resp: 9452

Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.4	36.6
277	24.4	19.9	29.9



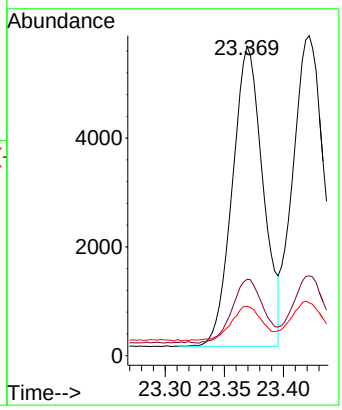


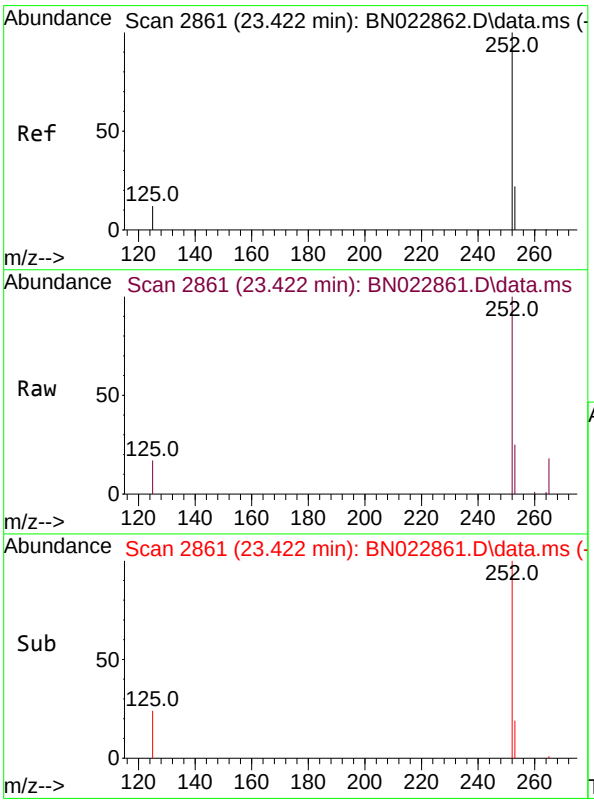
#37
Benzo(b)fluoranthene
Concen: 0.204 ng
RT: 23.369 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9939

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	16.0	10.8	16.2

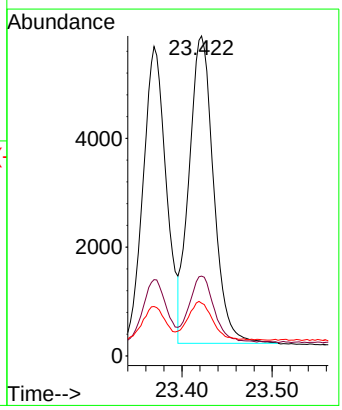


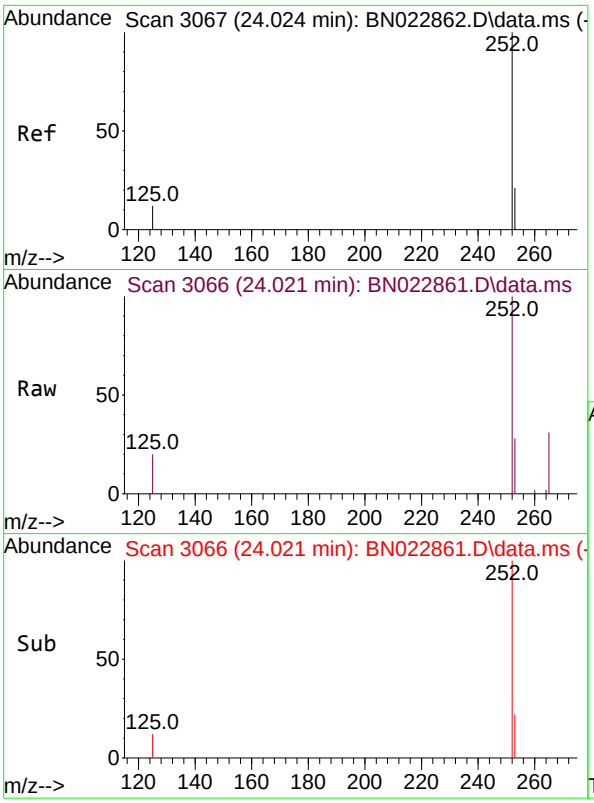


#38
Benzo(k)fluoranthene
Concen: 0.214 ng
RT: 23.422 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:252 Resp: 10656

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	27.8
125	16.5	11.0	16.4#



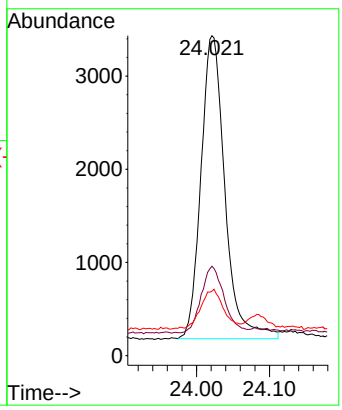


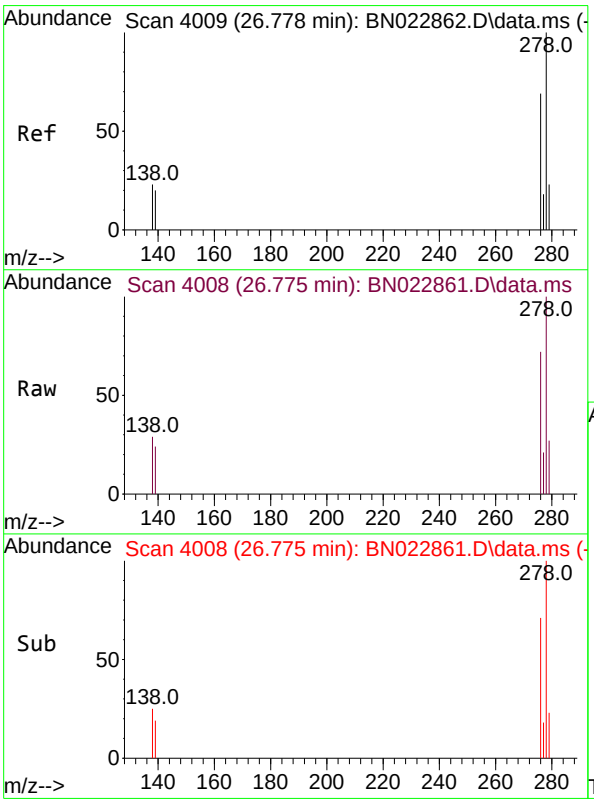
#39
Benzo(a)pyrene
Concen: 0.186 ng
RT: 24.021 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7430

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.2	28.8
125	20.1	12.7	19.1#

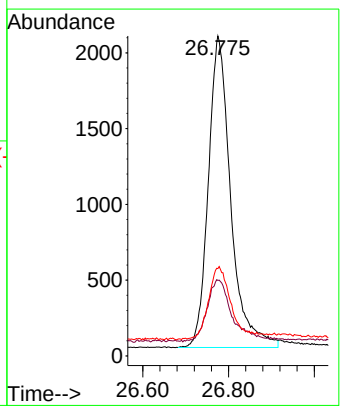


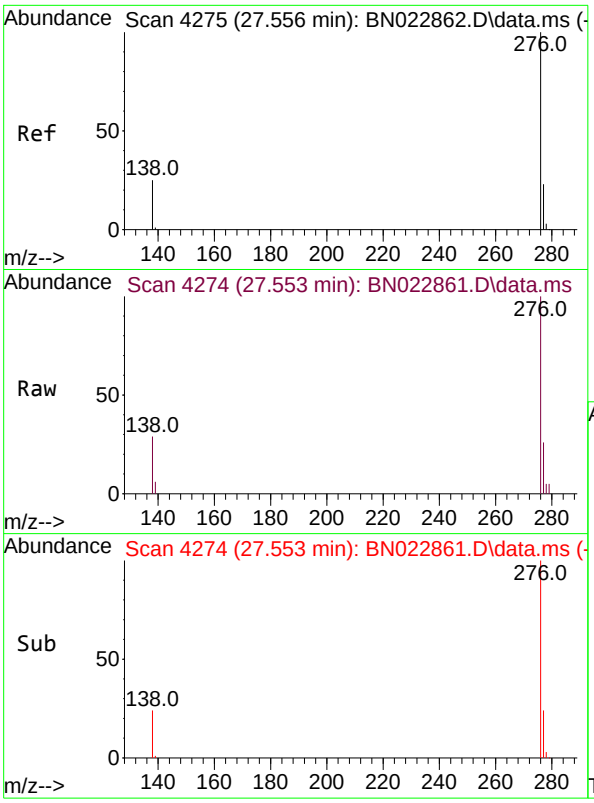


#40
Dibenzo(a,h)anthracene
Concen: 0.176 ng
RT: 26.775 min Scan# 4008
Delta R.T. -0.003 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Tgt Ion:278 Resp: 7446

Ion	Ratio	Lower	Upper
278	100		
139	23.6	17.4	26.0
279	27.3	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.191 ng
RT: 27.553 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022861.D
Acq: 25 Nov 2022 15:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 8511

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.7	29.5
138	28.6	21.4	32.2