Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022860.D
Acq On : 25 Nov 2022 14:51
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:38:50 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	7269	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	20630	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	12065	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	27316	0.400	ng		0.00
29) Chrysene-d12	21.643	240	20209	0.400	ng		0.00
35) Perylene-d12	24.135	264	15606	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	2123	0.098	ng		0.00
5) Phenol-d6	7.212	99	2680	0.096	ng		0.00
8) Nitrobenzene-d5	9.238	82	1618	0.101	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	3809	0.082	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	601	0.085	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	5608	0.106	ng		0.00
27) Fluoranthene-d10	19.481	212	7267	0.090	ng		0.00
31) Terphenyl-d14	20.076	244	4839	0.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	1056	0.112	ng		97
3) n-Nitrosodimethylamine	3.774	42	1115	0.103	ng	#	93
6) bis(2-Chloroethyl)ether	7.486	93	2398	0.090	ng		99
9) Naphthalene	10.947	128	6386	0.099	ng		96
10) Hexachlorobutadiene	11.235	225	1304	0.099	ng	#	99
12) 2-Methylnaphthalene	12.163	142	1215	0.078	ng	#	78
16) Acenaphthylene	14.431	152	6032	0.087	ng		100
17) Acenaphthene	14.773	154	4132	0.097	ng		100
18) Fluorene	15.751	166	5224	0.095	ng		98
20) 4,6-Dinitro-2-methylph...	15.813	198	267	0.110	ng	#	29
21) 4-Bromophenyl-phenylether	16.645	248	1964	0.097	ng		98
22) Hexachlorobenzene	16.757	284	2328	0.099	ng		97
23) Atrazine	16.905	200	1346	0.084	ng		94
24) Pentachlorophenol	17.104	266	483	0.066	ng		95
25) Phenanthrene	17.501	178	9423	0.101	ng		99
26) Anthracene	17.588	178	7692	0.087	ng		99
28) Fluoranthene	19.511	202	9802	0.092	ng		99
30) Pyrene	19.873	202	10084	0.108	ng		100
32) Benzo(a)anthracene	21.625	228	8161	0.097	ng		98
33) Chrysene	21.679	228	8590	0.105	ng		100
34) Bis(2-ethylhexyl)phtha...	21.562	149	4008	0.080	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.752	276	5848	0.082	ng		97
37) Benzo(b)fluoranthene	23.372	252	6645	0.103	ng	#	90
38) Benzo(k)fluoranthene	23.422	252	7200	0.109	ng	#	90
39) Benzo(a)pyrene	24.024	252	5008	0.095	ng	#	85
40) Dibenzo(a,h)anthracene	26.781	278	4545	0.082	ng	#	90
41) Benzo(g,h,i)perylene	27.553	276	5215	0.089	ng	#	91

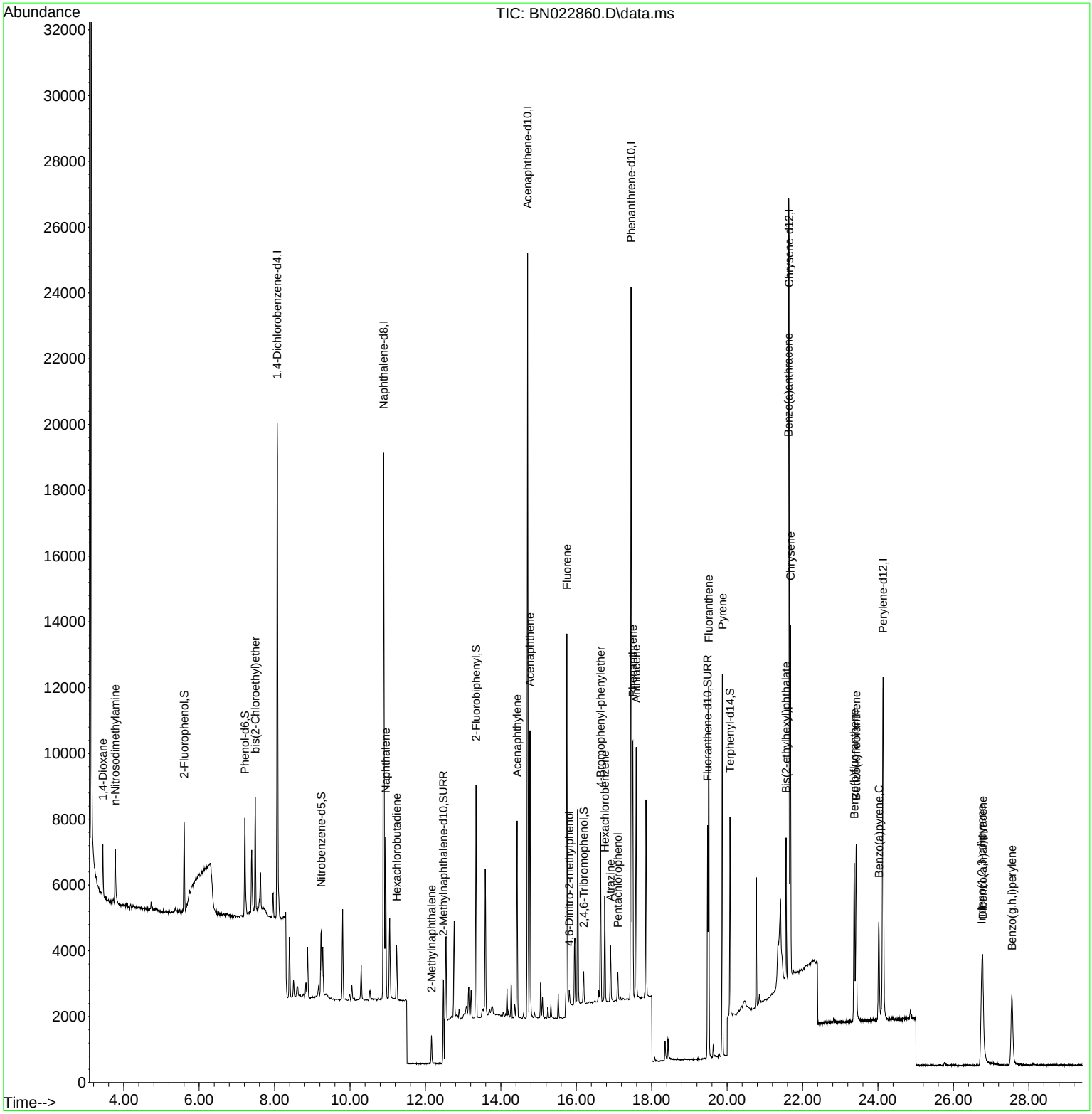
(#) = qualifier out of range (m) = manual integration (+) = signals summed

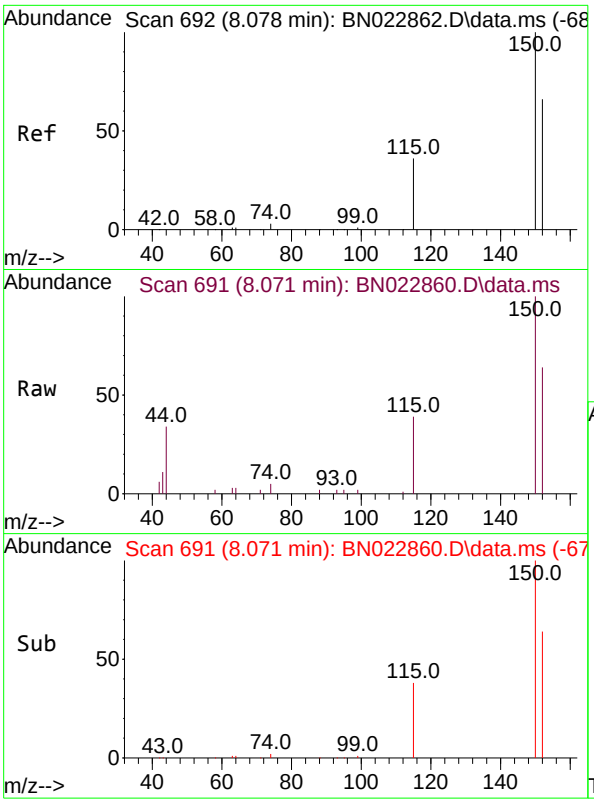
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022860.D
Acq On : 25 Nov 2022 14:51
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:38:50 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



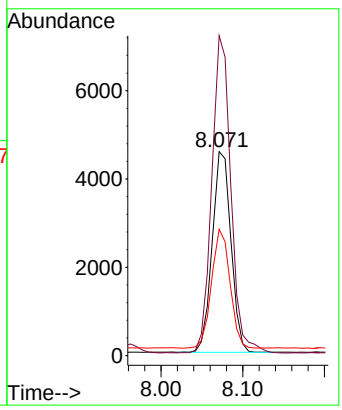


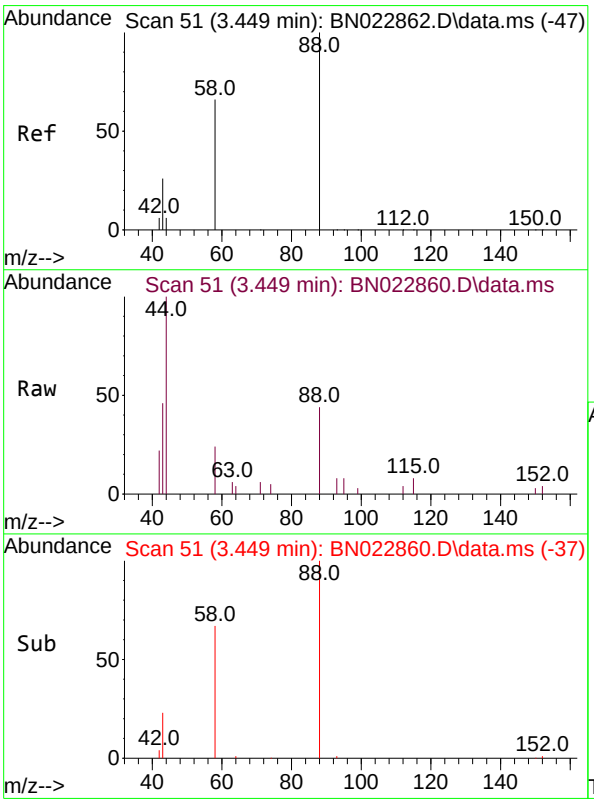
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 69
Delta R.T. -0.007 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7269

Ion	Ratio	Lower	Upper
152	100		
150	156.9	121.2	181.8
115	61.9	46.2	69.4

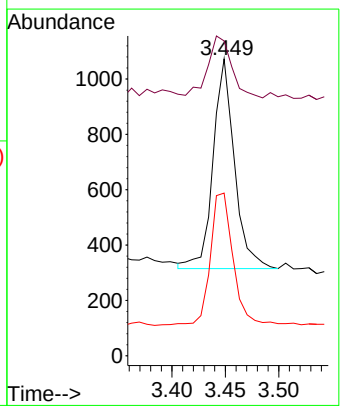


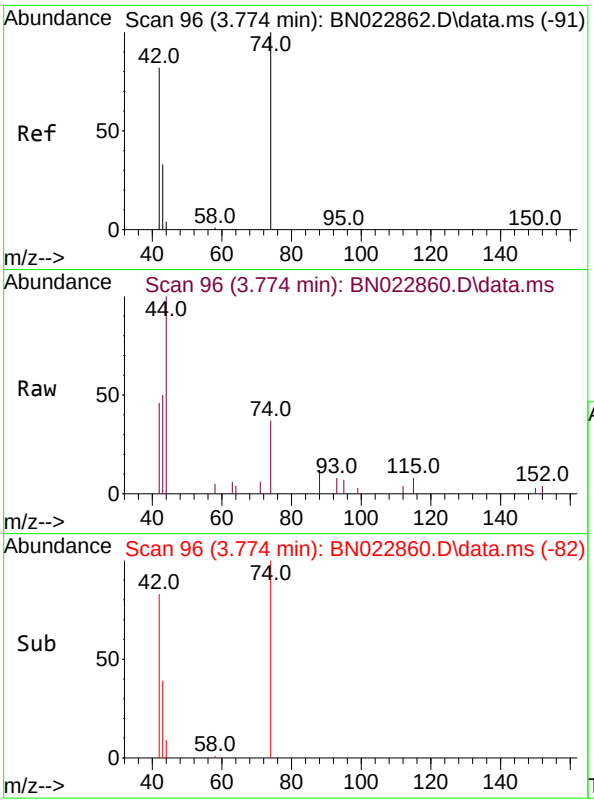


#2
1,4-Dioxane
Concen: 0.112 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion: 88 Resp: 1056

Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.4	38.2
58	67.3	56.5	84.7



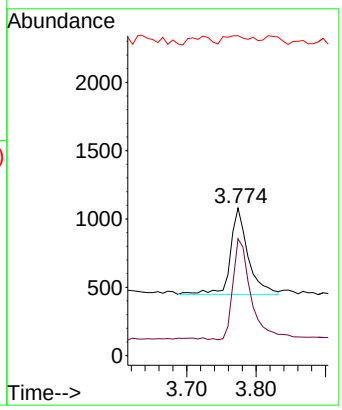


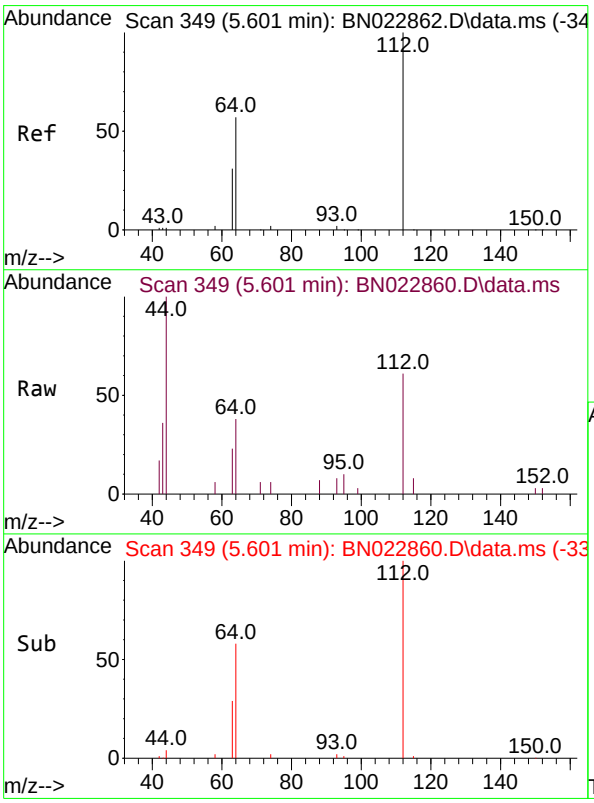
#3
n-Nitrosodimethylamine
Concen: 0.103 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1115

Ion	Ratio	Lower	Upper
42	100		
74	116.6	99.3	148.9
44	14.4	5.4	8.2#

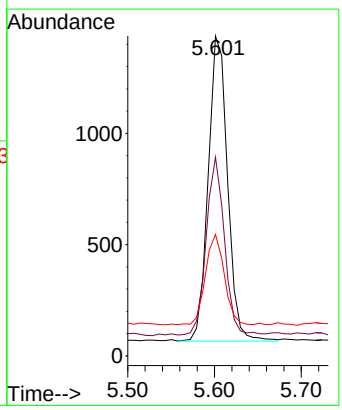


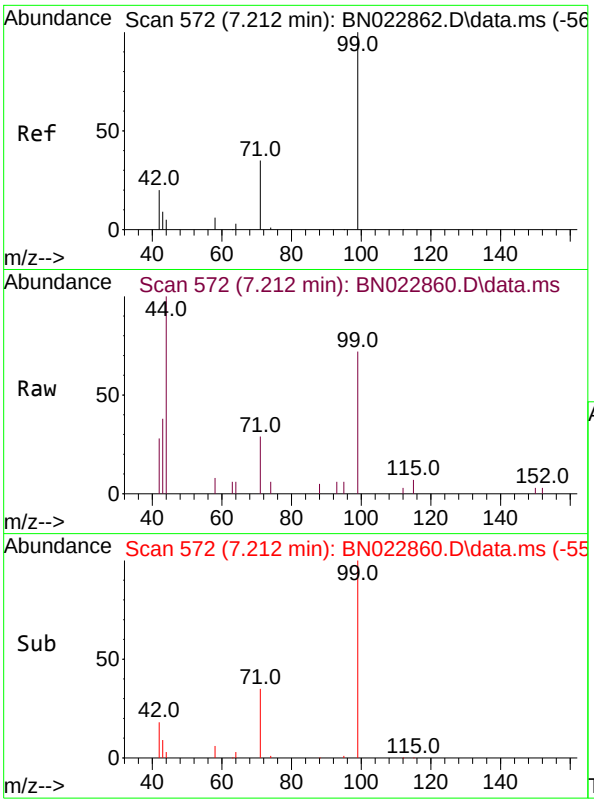


#4
2-Fluorophenol
Concen: 0.098 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:112 Resp: 2123

Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.4	65.2
63	29.2	23.4	35.2



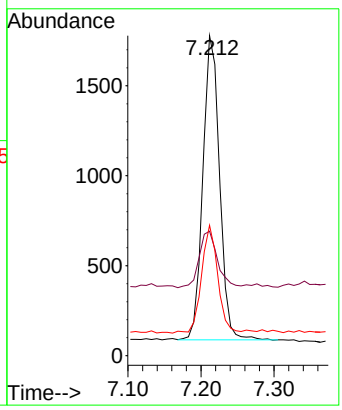


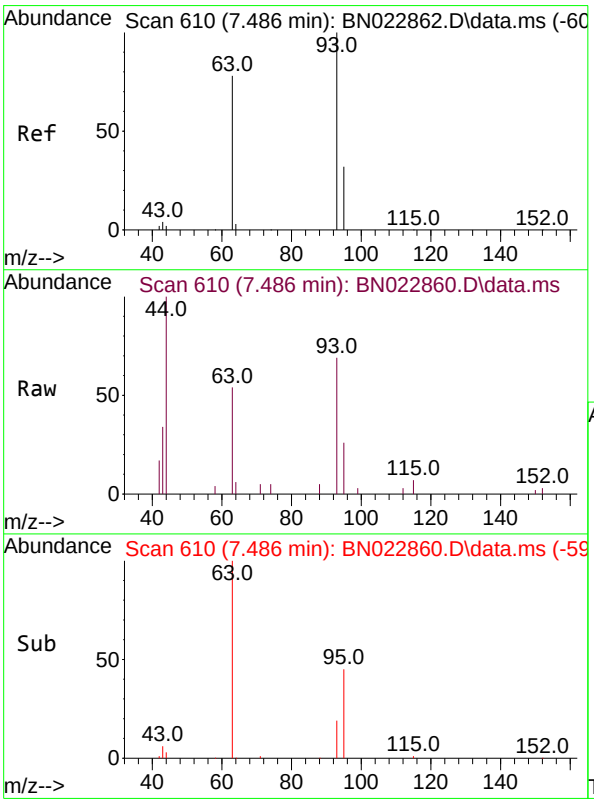
#5
Phenol-d6
Concen: 0.096 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2680

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.0	24.0
71	33.5	26.8	40.2

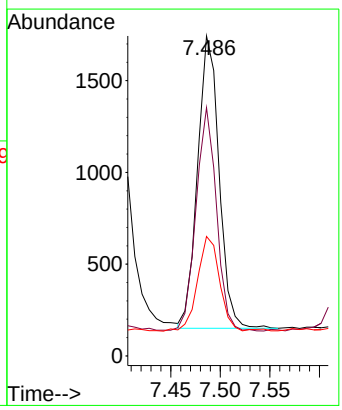


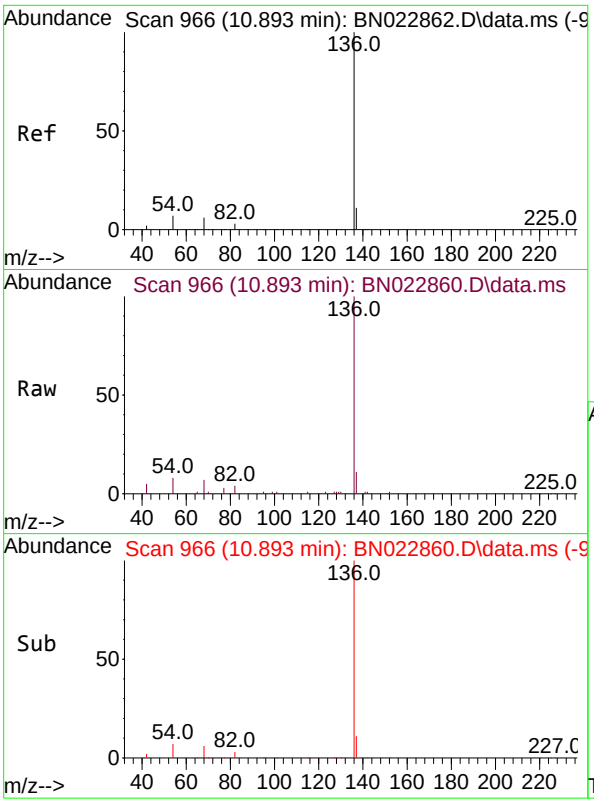


#6
bis(2-Chloroethyl)ether
Concen: 0.090 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion: 93 Resp: 2398

Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.3	87.5
95	33.3	25.8	38.6



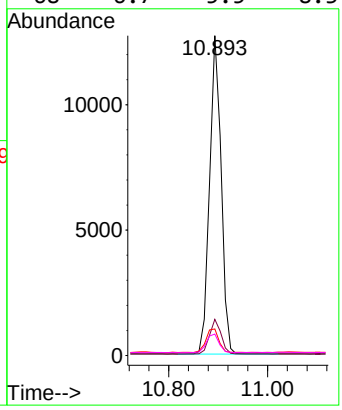


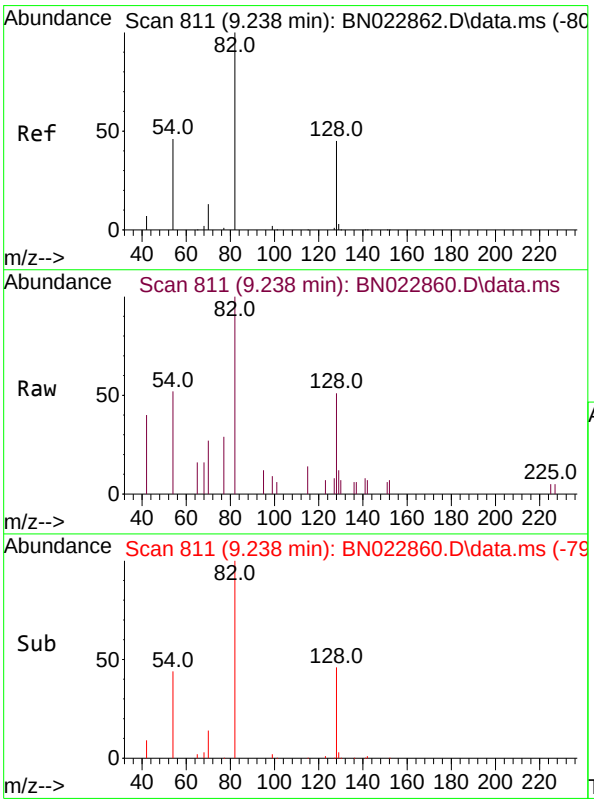
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 20630

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.3	6.6	9.8
68	6.7	5.5	8.3

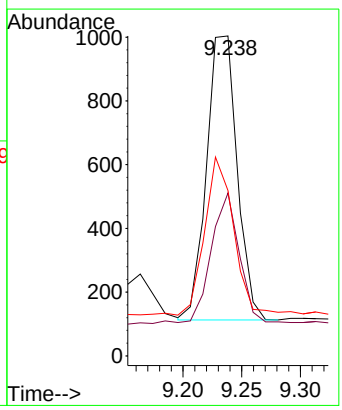


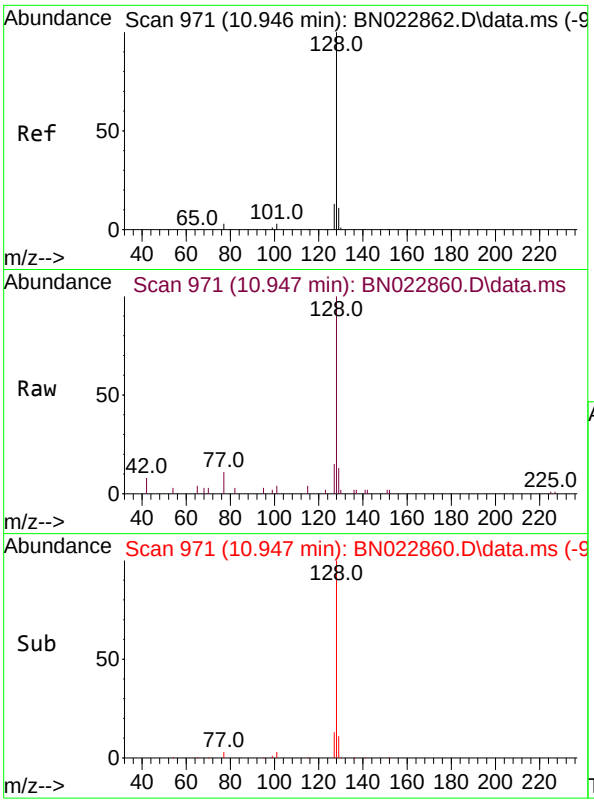


#8
Nitrobenzene-d5
Concen: 0.101 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion: 82 Resp: 1618

Ion	Ratio	Lower	Upper
82	100		
128	50.9	36.6	54.8
54	51.7	38.5	57.7



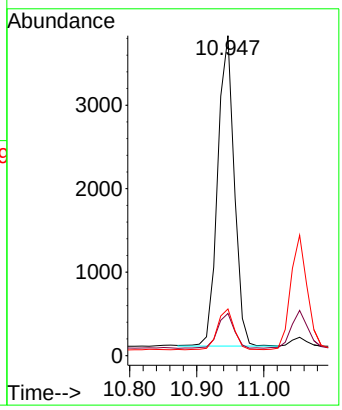


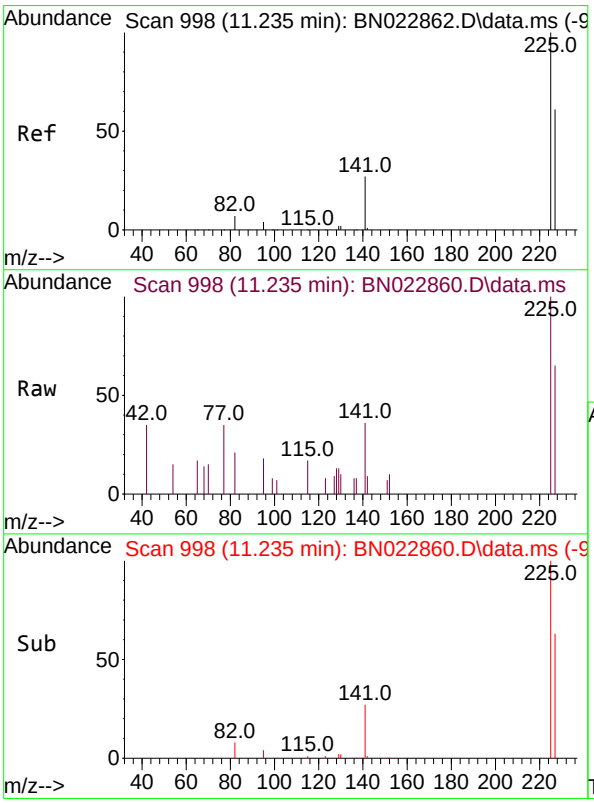
#9
Naphthalene
Concen: 0.099 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 6386

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.4
127	14.6	10.8	16.2

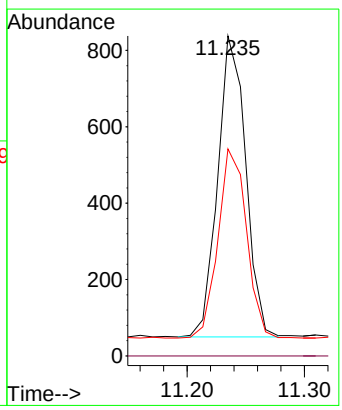


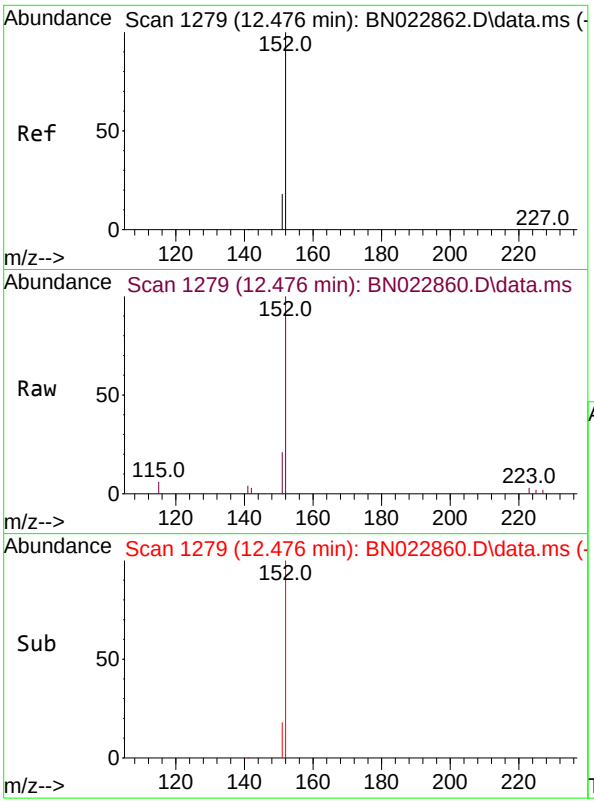


#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:225 Resp: 1304

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	50.8	76.2



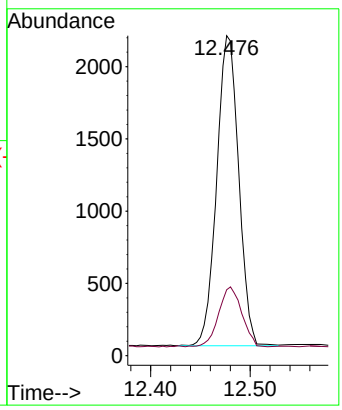


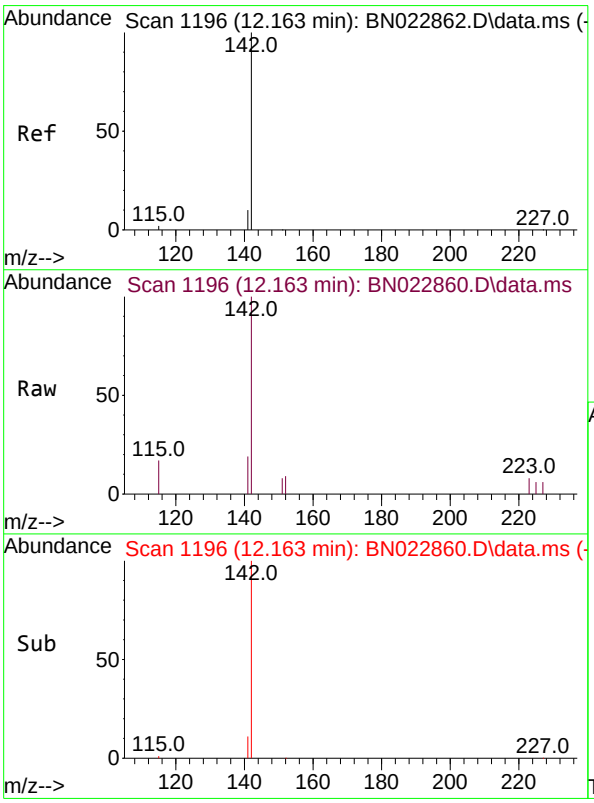
#11
2-Methylnaphthalene-d10
Concen: 0.082 ng
RT: 12.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3809

Ion	Ratio	Lower	Upper
152	100		
151	20.6	18.6	27.8

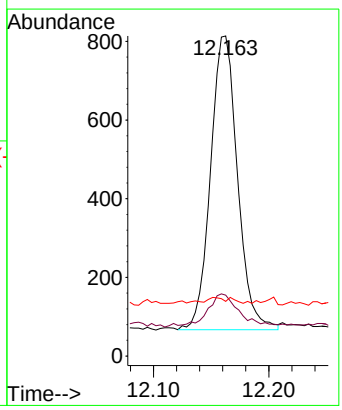


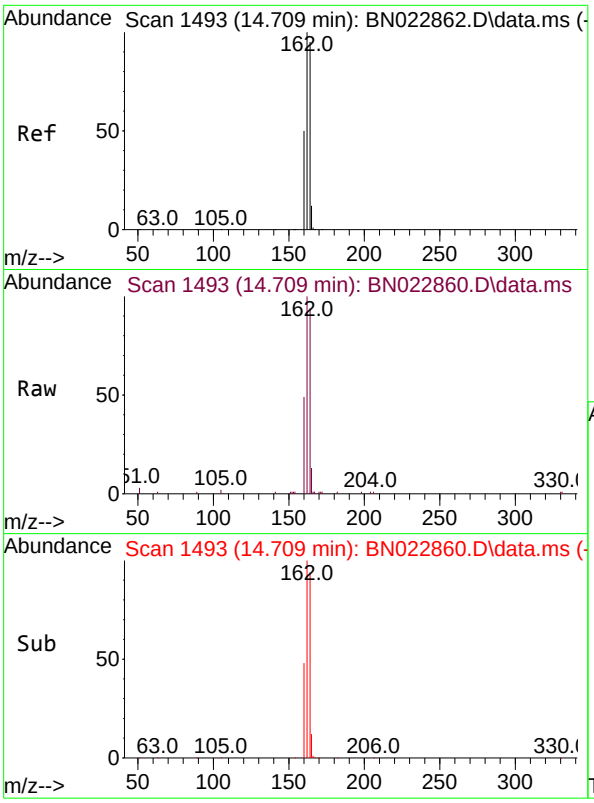


#12
2-Methylnaphthalene
Concen: 0.078 ng
RT: 12.163 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:142 Resp: 1215

Ion	Ratio	Lower	Upper
142	100		
141	19.0	10.1	15.1#
115	17.1	4.6	7.0#



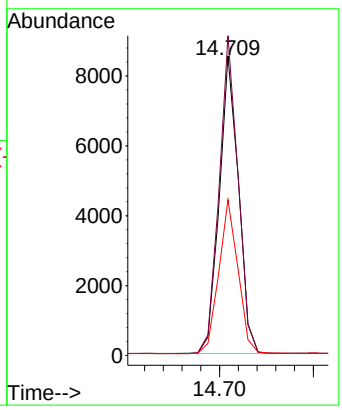


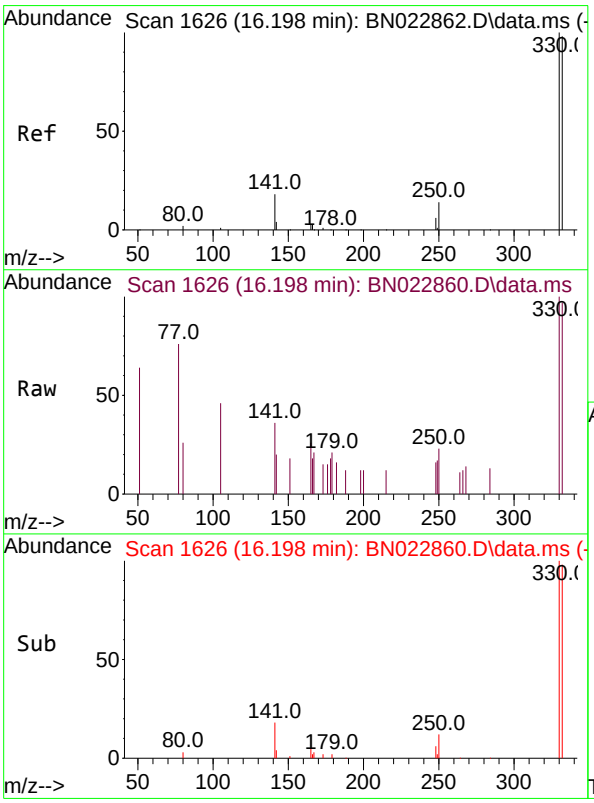
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 12065

Ion	Ratio	Lower	Upper
164	100		
162	106.7	84.2	126.4
160	52.0	42.5	63.7

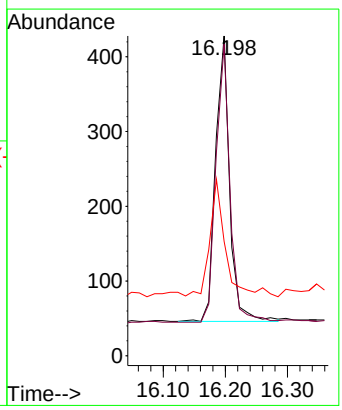


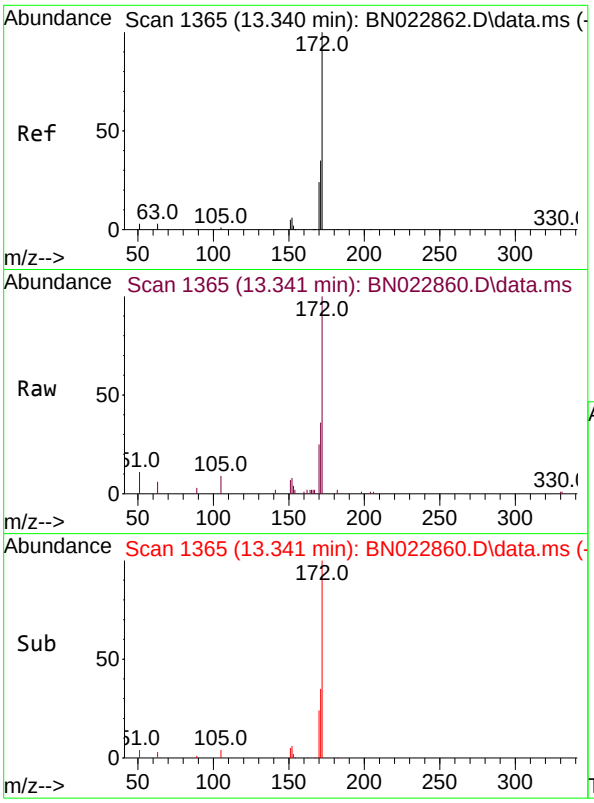


#14
2,4,6-Tribromophenol
Concen: 0.085 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:330 Resp: 601

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.5	114.7
141	45.6	32.6	48.8



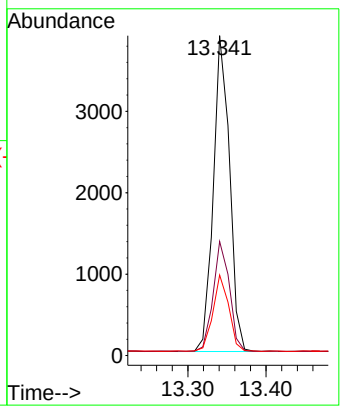


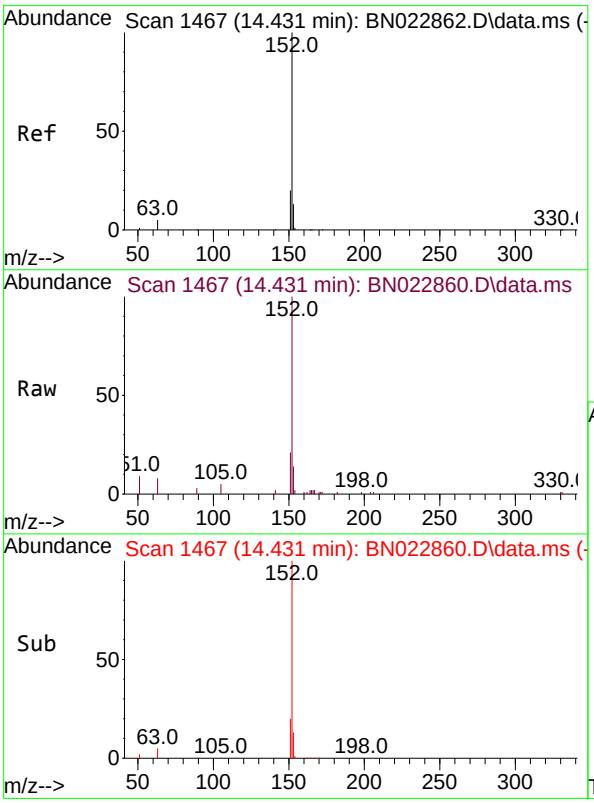
#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 13.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 5608

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.4
170	25.2	19.3	28.9

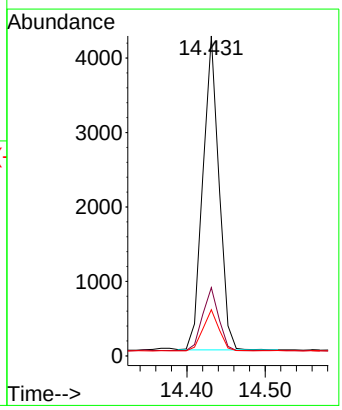


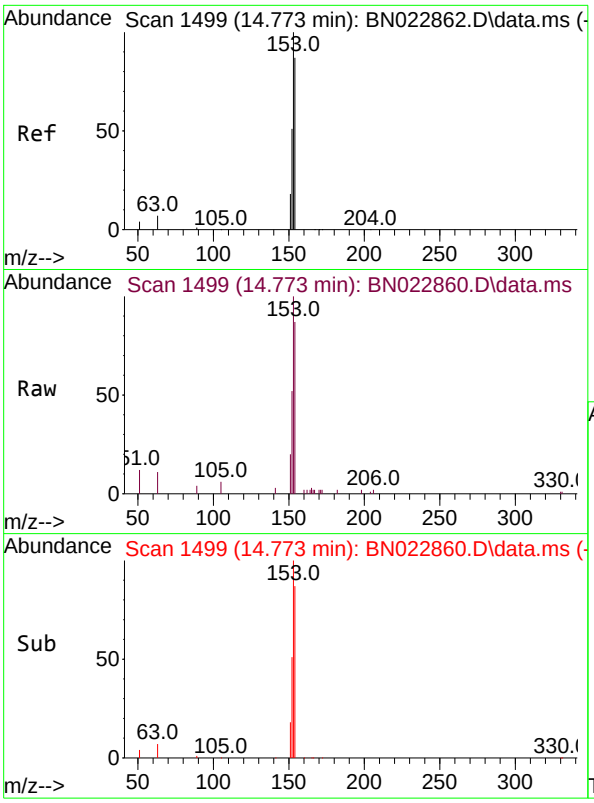


#16
Acenaphthylene
Concen: 0.087 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:152 Resp: 6032

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.0	10.5	15.7



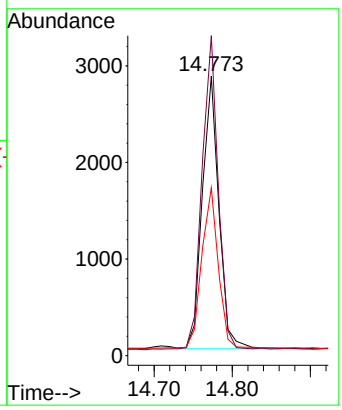


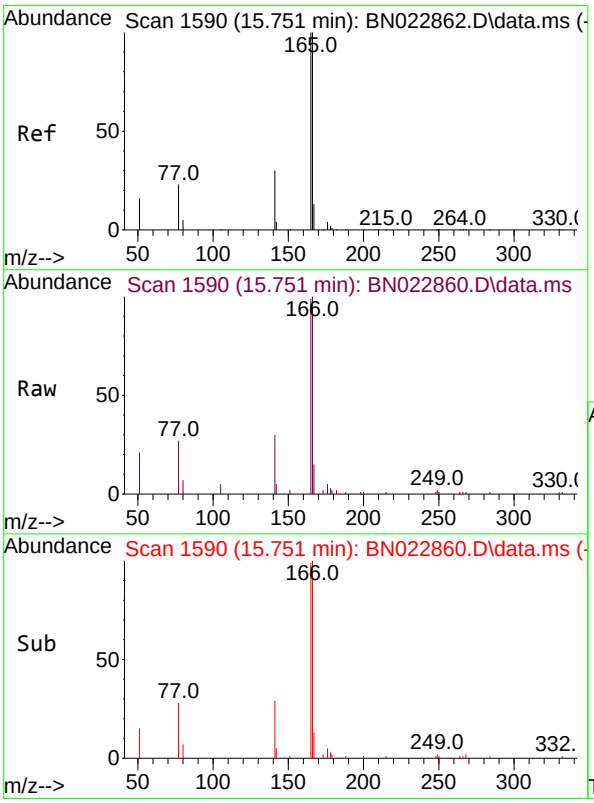
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 4132

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.0	135.0
152	58.6	47.0	70.6

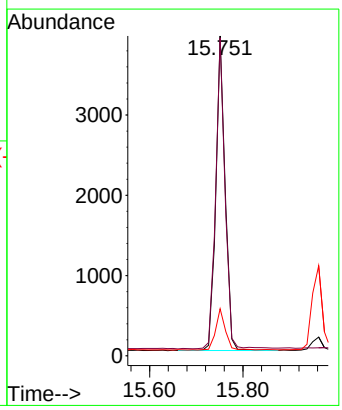


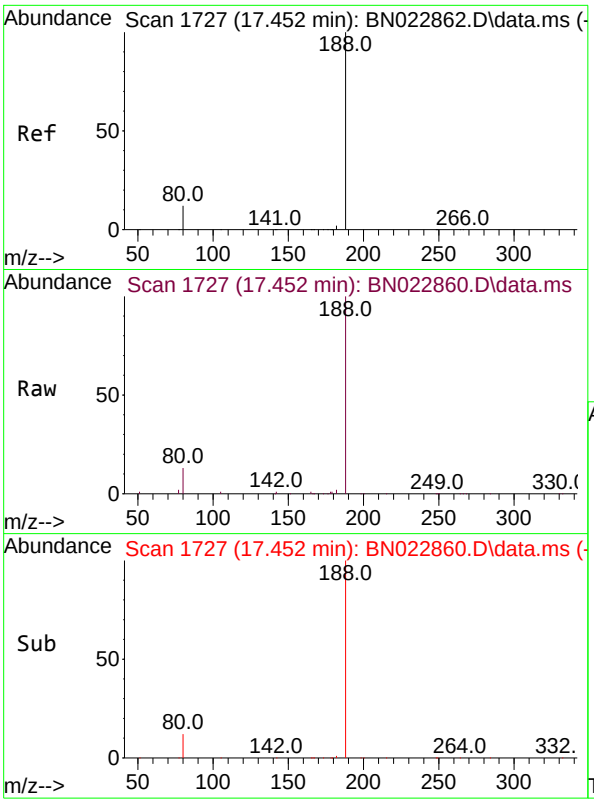


#18
Fluorene
Concen: 0.095 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:166 Resp: 5224

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.4	119.0
167	14.0	10.7	16.1



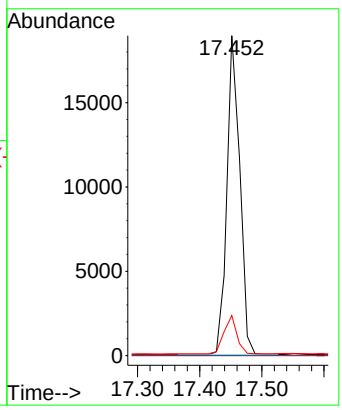


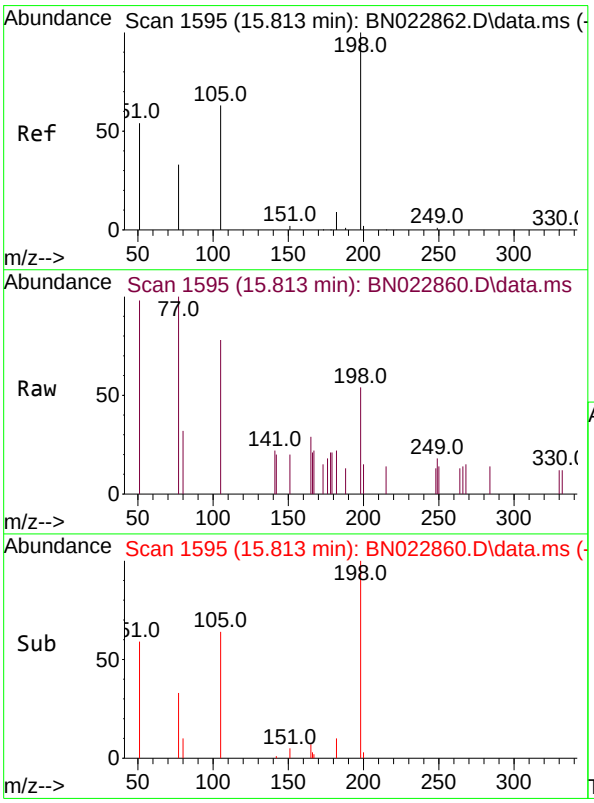
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 27316

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	10.3	15.5

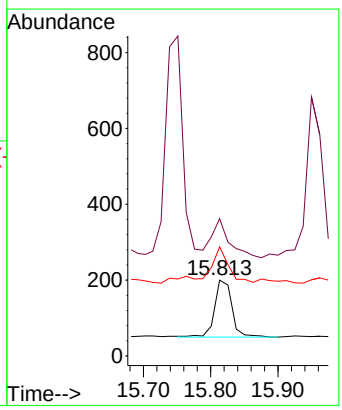


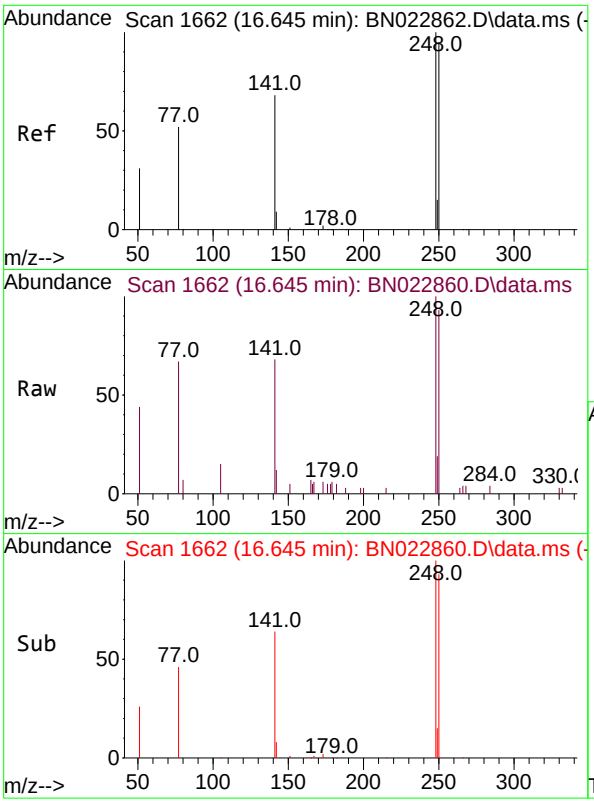


#20
4,6-Dinitro-2-methylphenol
Concen: 0.110 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:198 Resp: 267

Ion	Ratio	Lower	Upper
198	100		
51	181.0	80.5	120.7#
105	144.0	70.5	105.7#



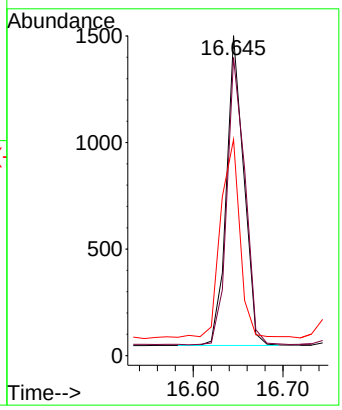


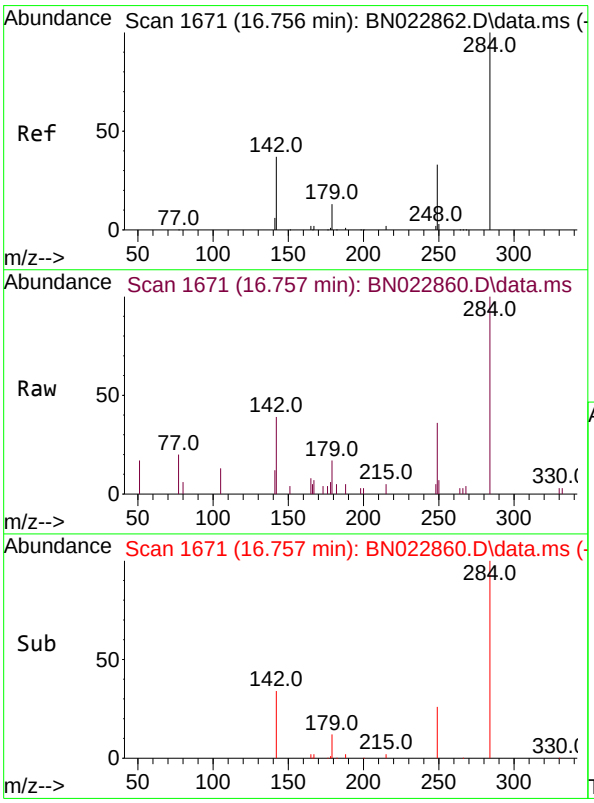
#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 1964

Ion	Ratio	Lower	Upper
248	100		
250	93.1	75.8	113.6
141	67.5	55.4	83.0

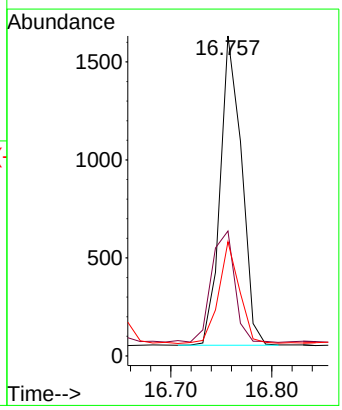


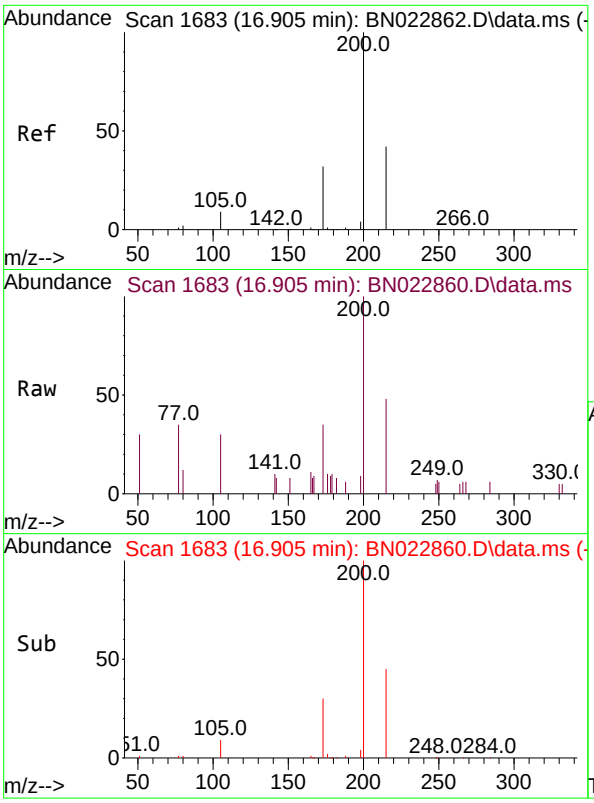


#22
Hexachlorobenzene
Concen: 0.099 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:284 Resp: 2328

Ion	Ratio	Lower	Upper
284	100		
142	39.4	30.1	45.1
249	32.0	24.5	36.7



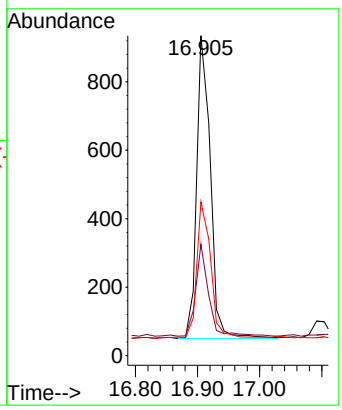


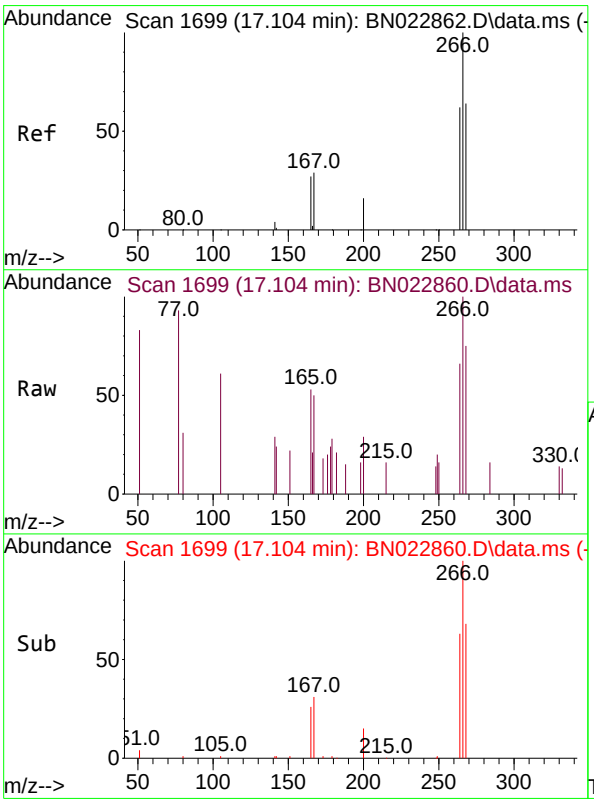
#23
Atrazine
Concen: 0.084 ng
RT: 16.905 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 1346

Ion	Ratio	Lower	Upper
200	100		
173	34.8	26.4	39.6
215	48.0	34.4	51.6

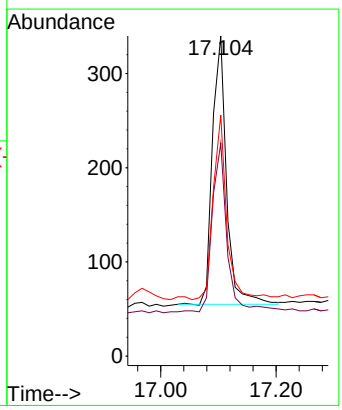


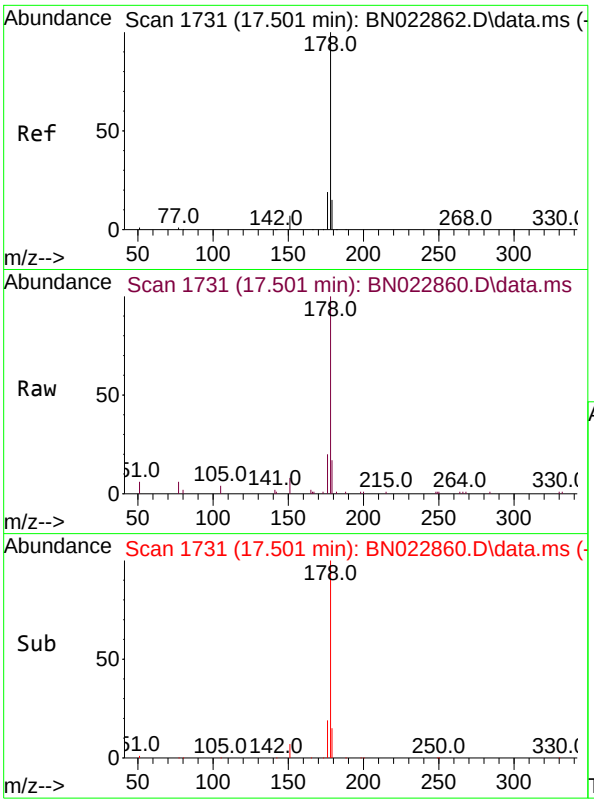


#24
Pentachlorophenol
Concen: 0.066 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:266 Resp: 483

Ion	Ratio	Lower	Upper
266	100		
264	66.5	50.0	75.0
268	66.7	50.9	76.3



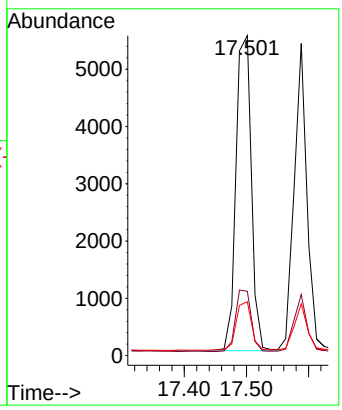


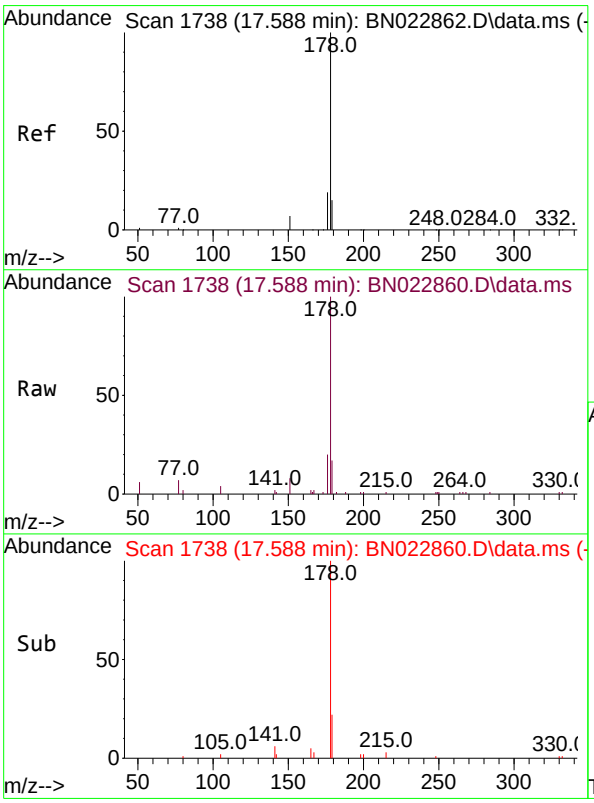
#25
Phenanthrene
Concen: 0.101 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9423

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.4	12.2	18.2

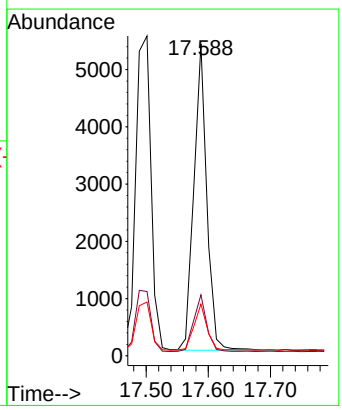


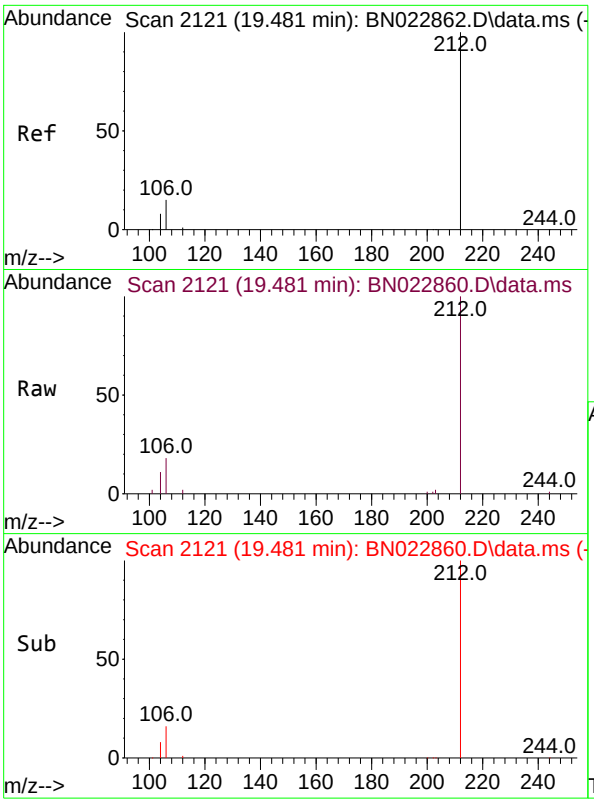


#26
Anthracene
Concen: 0.087 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:178 Resp: 7692

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.2	12.2	18.2



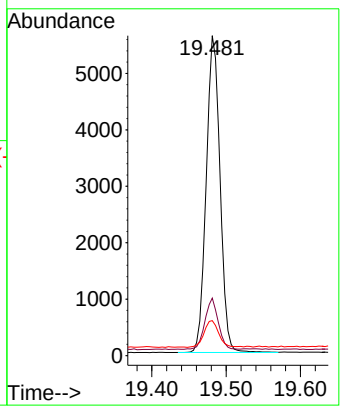


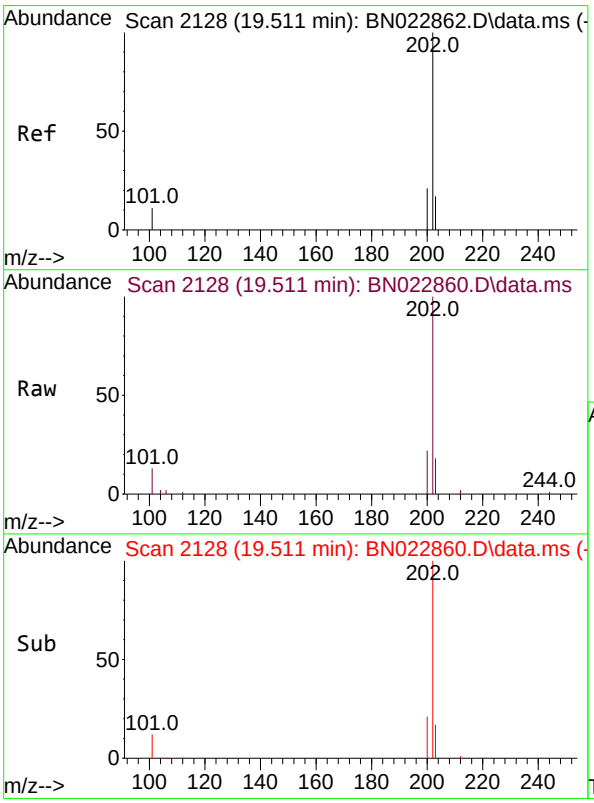
#27
Fluoranthene-d10
Concen: 0.090 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 7267

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.3	18.5
104	9.0	7.0	10.4

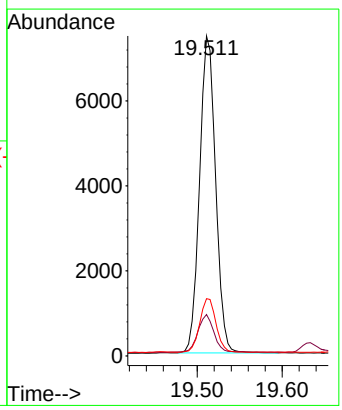


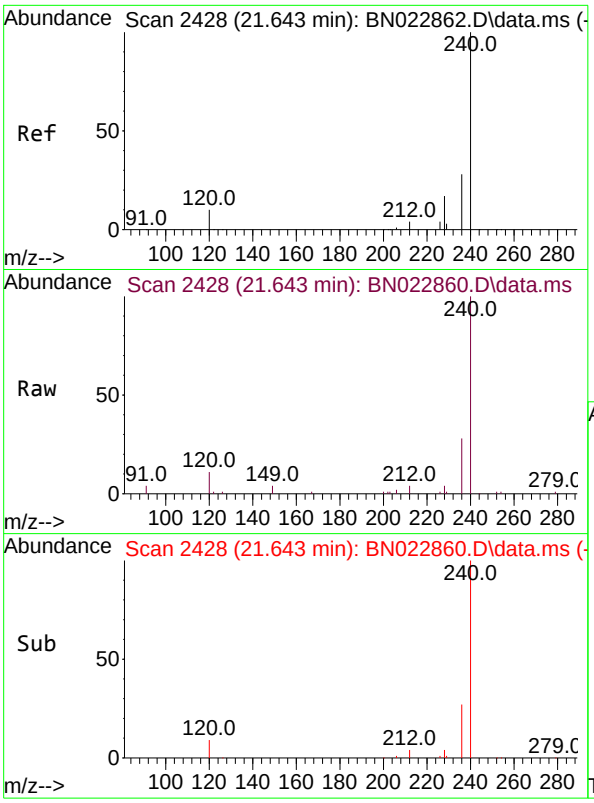


#28
Fluoranthene
Concen: 0.092 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:202 Resp: 9802

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
203	17.1	13.7	20.5



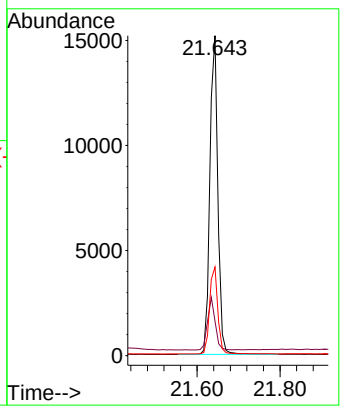


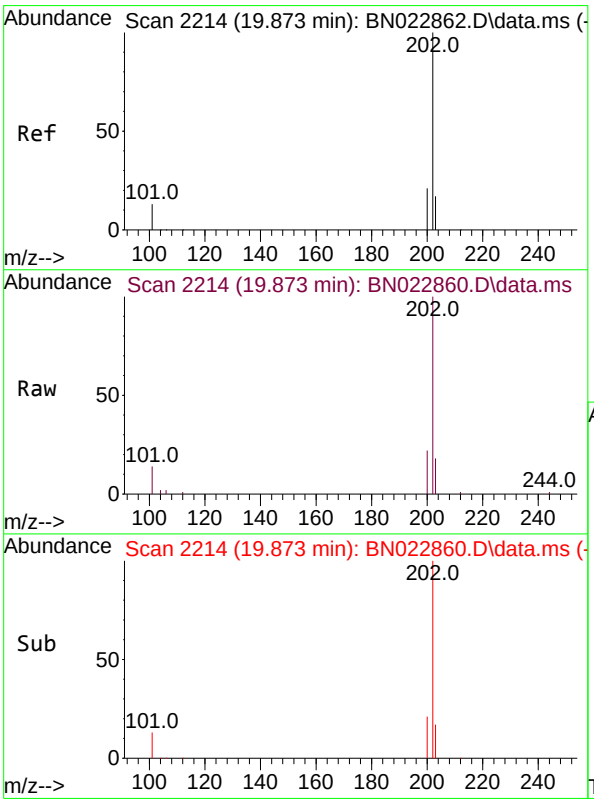
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20209

Ion	Ratio	Lower	Upper
240	100		
120	10.8	9.2	13.8
236	27.7	22.6	34.0

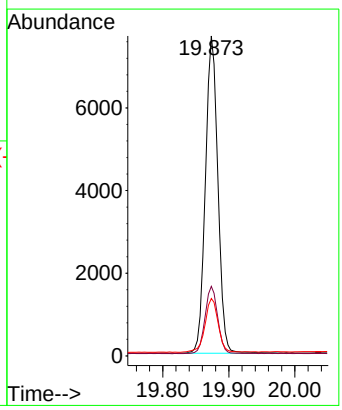


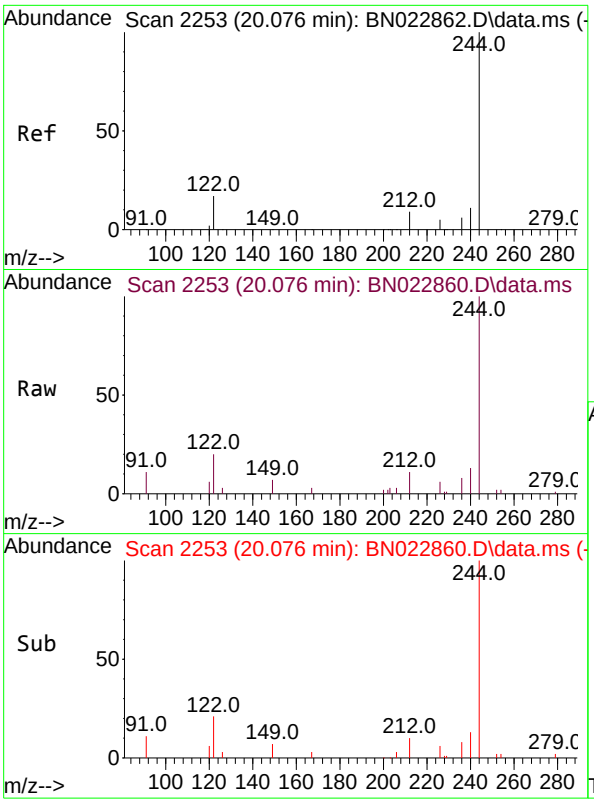


#30
Pyrene
Concen: 0.108 ng
RT: 19.873 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:202 Resp: 10084

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.0	25.4
203	17.9	14.2	21.2



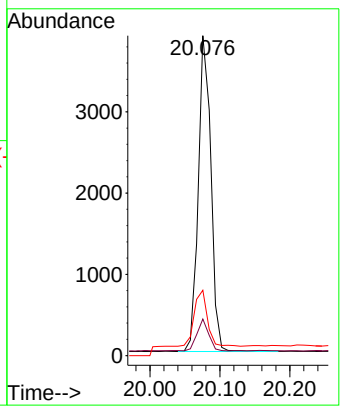


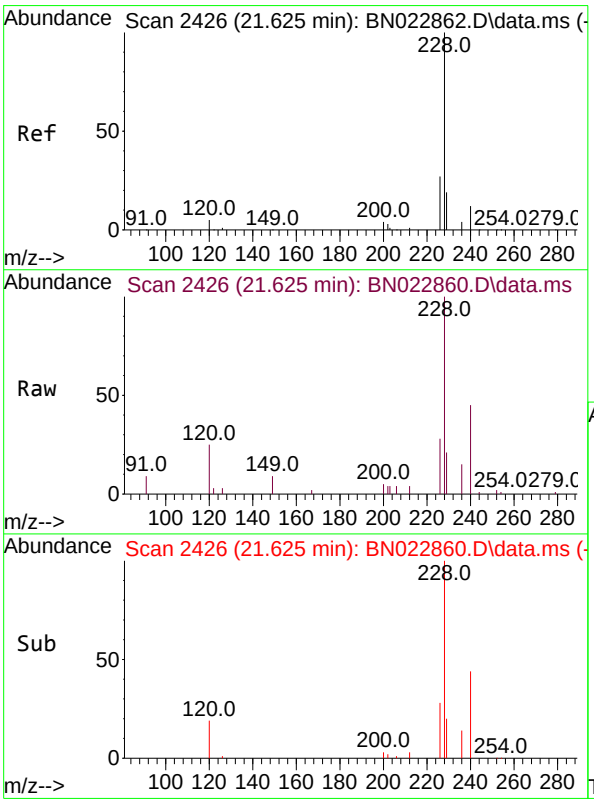
#31
Terphenyl-d14
Concen: 0.106 ng
RT: 20.076 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 4839

Ion	Ratio	Lower	Upper
244	100		
212	11.5	7.9	11.9
122	20.4	13.9	20.9

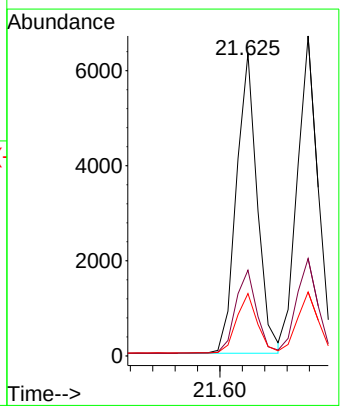


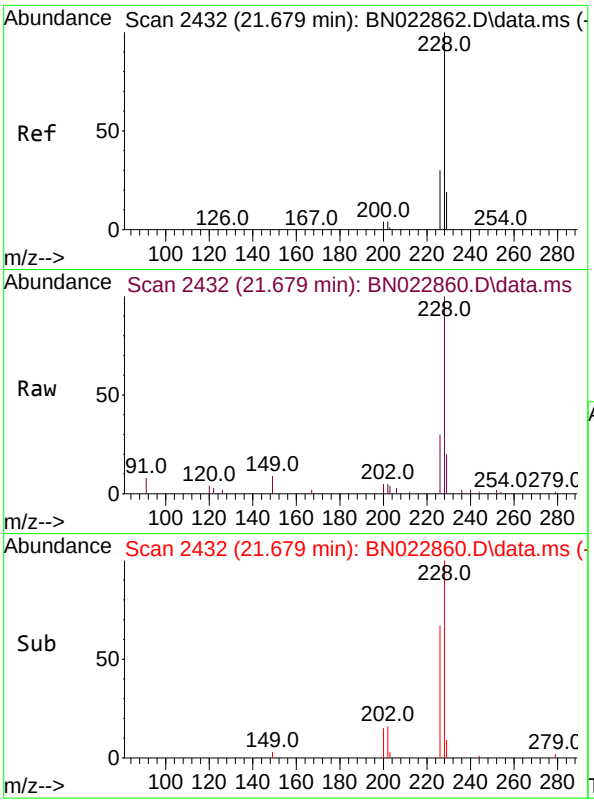


#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:228 Resp: 8161

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.6	15.8	23.6



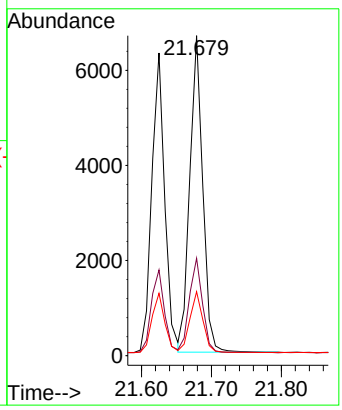


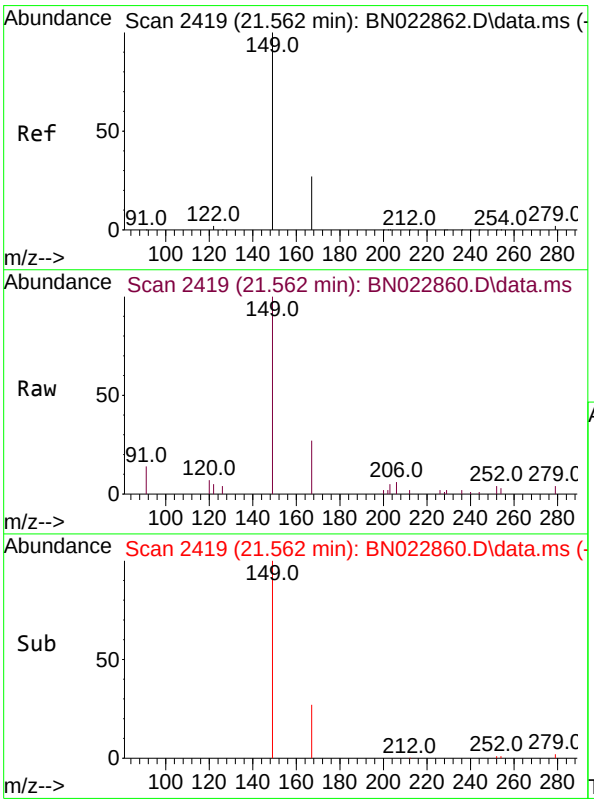
#33
Chrysene
Concen: 0.105 ng
RT: 21.679 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8590

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	20.0	15.8	23.6

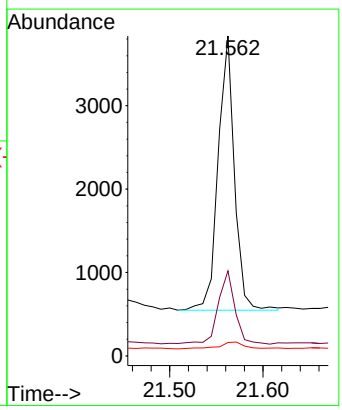


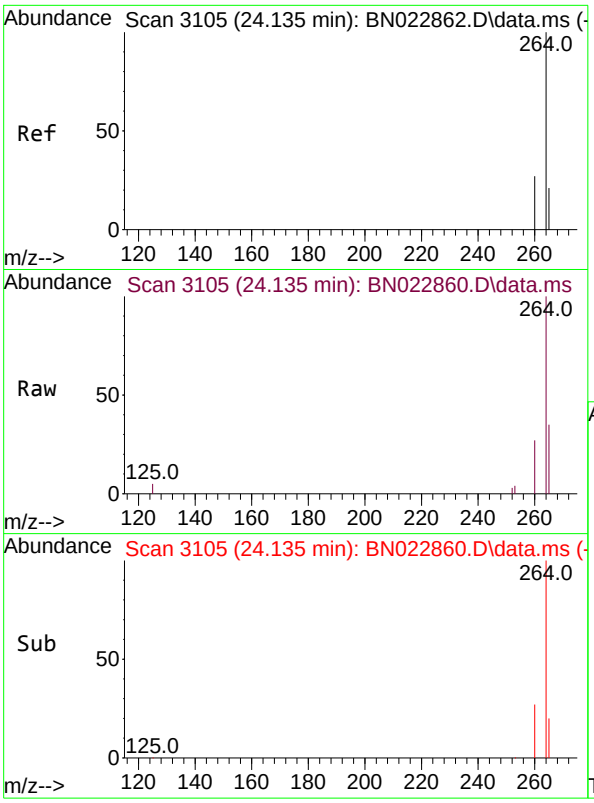


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.080 ng
RT: 21.562 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:149 Resp: 4008

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.2	2.3	3.5#



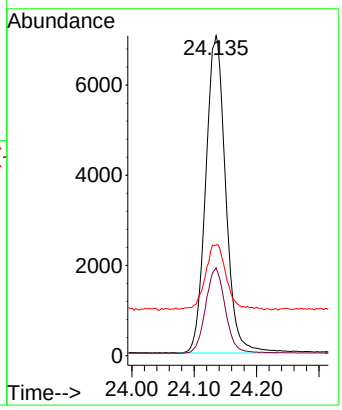


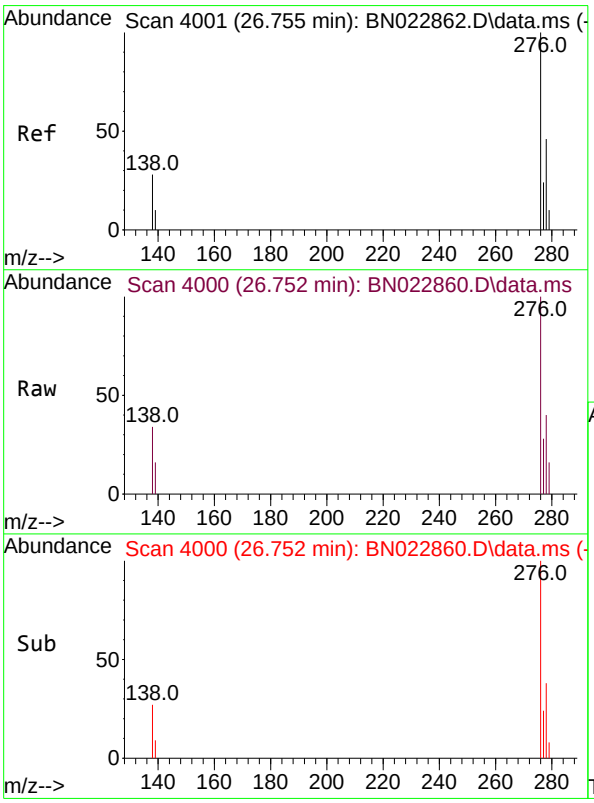
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.135 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 15606

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.7	32.5
265	34.6	31.0	46.4

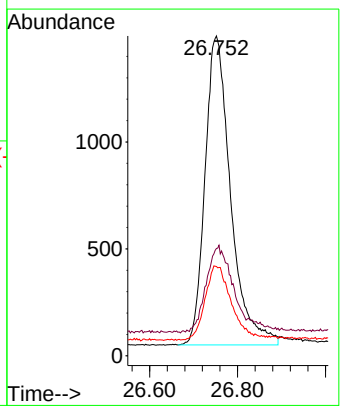


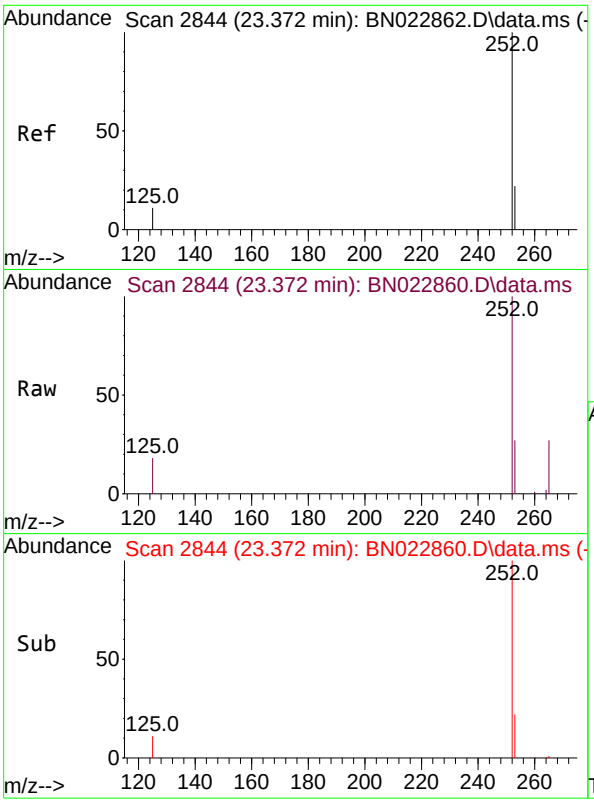


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng
RT: 26.752 min Scan# 4000
Delta R.T. -0.003 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:276 Resp: 5848

Ion	Ratio	Lower	Upper
276	100		
138	27.9	24.4	36.6
277	24.0	19.9	29.9



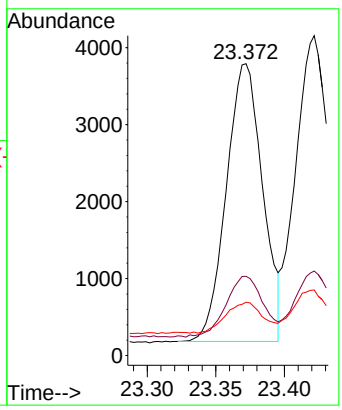


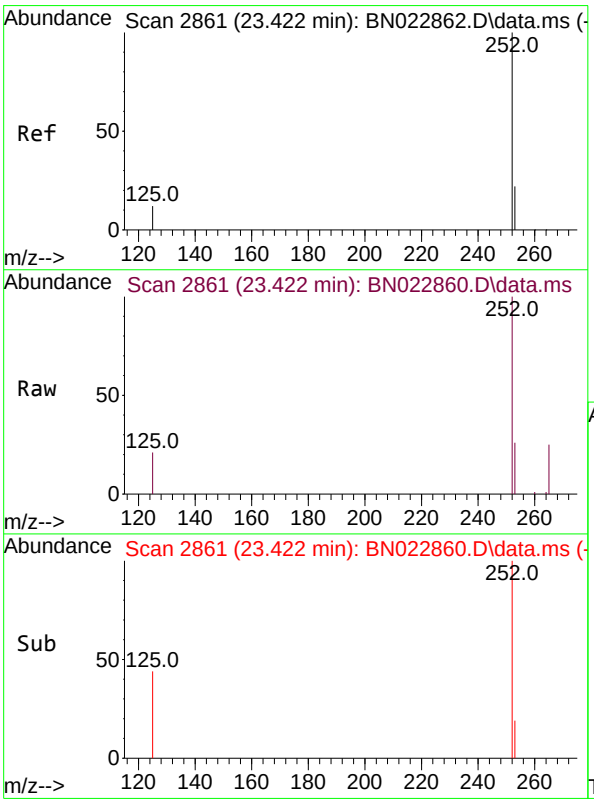
#37
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 23.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 6645

Ion	Ratio	Lower	Upper
252	100		
253	27.1	18.5	27.7
125	18.3	10.8	16.2#

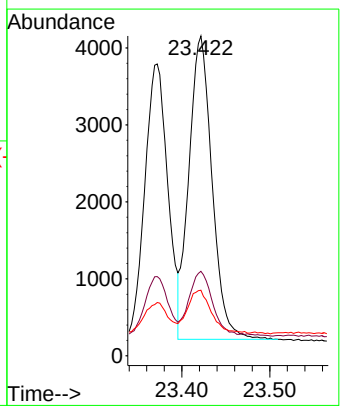


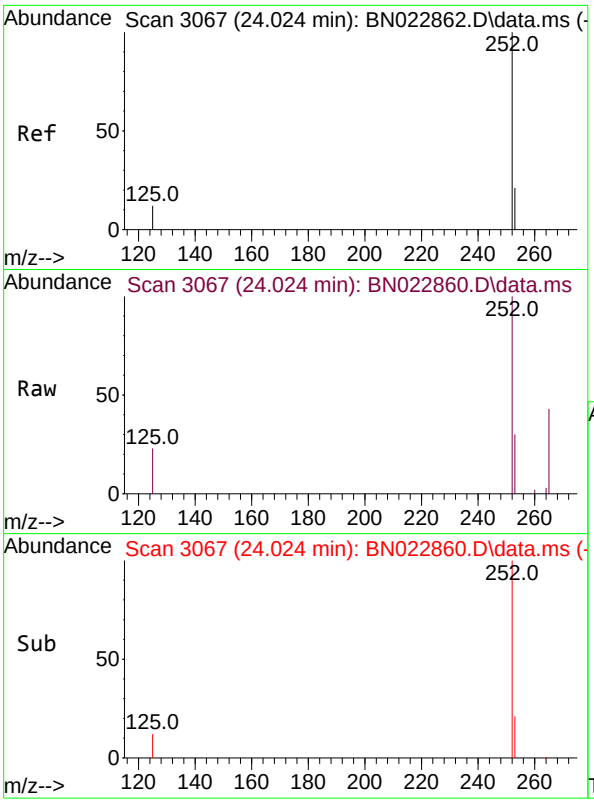


#38
Benzo(k)fluoranthene
Concen: 0.109 ng
RT: 23.422 min Scan# 2861
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:252 Resp: 7200

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.6	27.8
125	20.5	11.0	16.4#



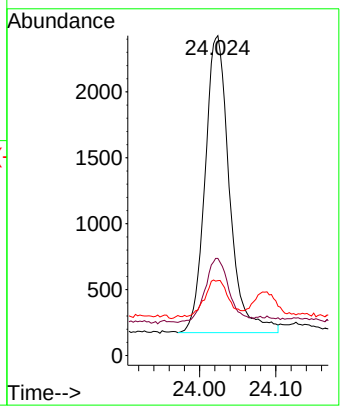


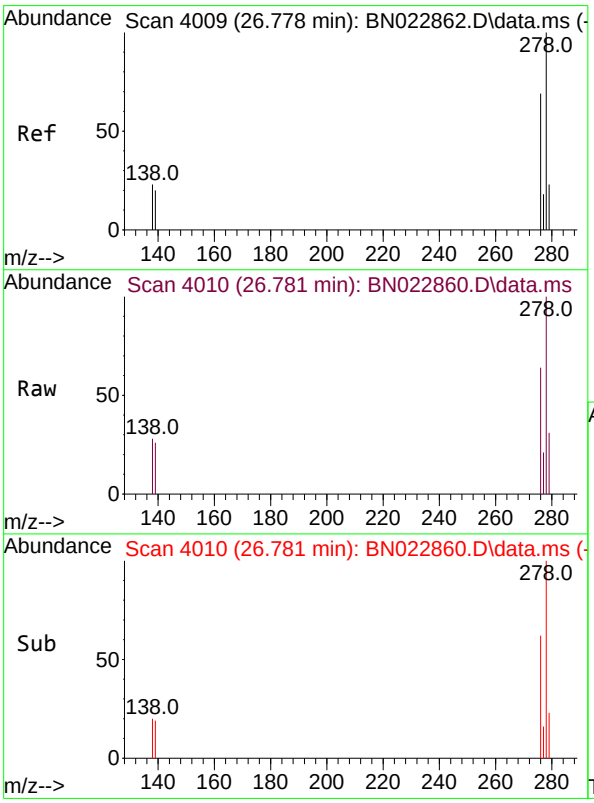
#39
Benzo(a)pyrene
Concen: 0.095 ng
RT: 24.024 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 5008

Ion	Ratio	Lower	Upper
252	100		
253	30.4	19.2	28.8#
125	23.4	12.7	19.1#

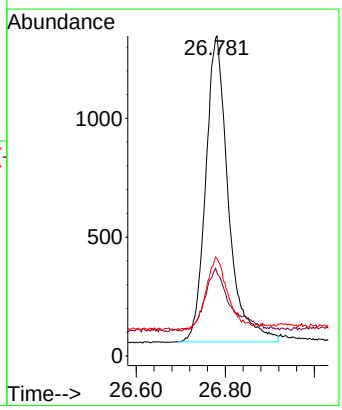


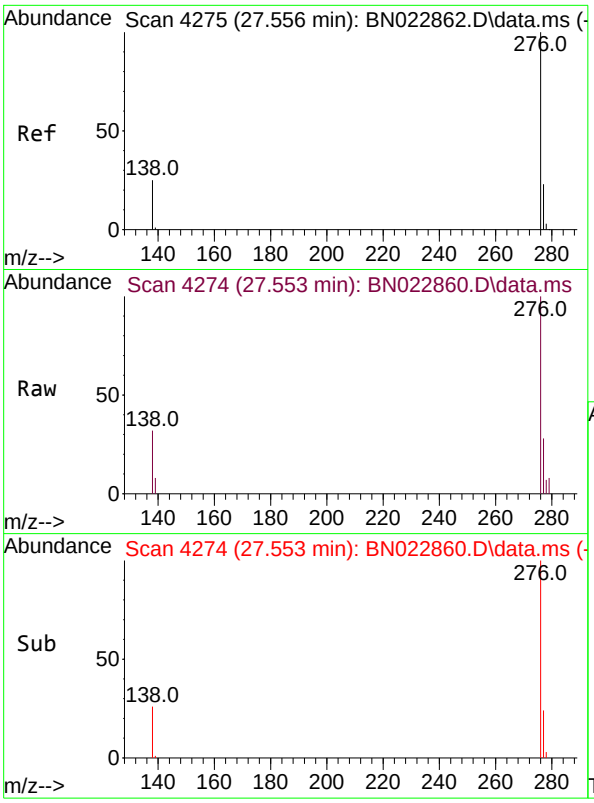


#40
Dibenzo(a,h)anthracene
Concen: 0.082 ng
RT: 26.781 min Scan# 4010
Delta R.T. 0.003 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Tgt Ion:278 Resp: 4545

Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.4	26.0#
279	30.5	20.0	30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.089 ng
RT: 27.553 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022860.D
Acq: 25 Nov 2022 14:51

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 5215

Ion	Ratio	Lower	Upper
276	100		
277	28.0	19.7	29.5
138	32.4	21.4	32.2#