Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022866.D
Acq On : 25 Nov 2022 18:32
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:41:21 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	7672	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	19301	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	11526	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	23945	0.400	ng		0.00
29) Chrysene-d12	21.638	240	18535	0.400	ng	#	0.00
35) Perylene-d12	24.136	264	12948	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	91751	4.003	ng		0.00
5) Phenol-d6	7.212	99	119384	4.041	ng		0.00
8) Nitrobenzene-d5	9.238	82	79968	5.328	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	232562	5.371	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	31600	4.671	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	259379	5.108	ng		0.00
27) Fluoranthene-d10	19.486	212	344956	4.896	ng		0.00
31) Terphenyl-d14	20.080	244	215817	5.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	42850	4.294	ng		97
3) n-Nitrosodimethylamine	3.767	42	48916	4.276	ng		100
6) bis(2-Chloroethyl)ether	7.486	93	107998	3.840	ng		100
9) Naphthalene	10.947	128	297139	4.901	ng		99
10) Hexachlorobutadiene	11.235	225	59450	4.808	ng	#	99
12) 2-Methylnaphthalene	12.163	142	71449	4.873	ng	#	93
16) Acenaphthylene	14.431	152	330136	5.007	ng		99
17) Acenaphthene	14.773	154	206231	5.072	ng		97
18) Fluorene	15.751	166	264183	5.036	ng		99
20) 4,6-Dinitro-2-methylph...	15.826	198	16757	7.885	ng	#	29
21) 4-Bromophenyl-phenylether	16.645	248	88857	4.992	ng		97
22) Hexachlorobenzene	16.757	284	107189	5.178	ng		99
23) Atrazine	16.905	200	70075	4.960	ng		99
24) Pentachlorophenol	17.104	266	36971	5.729	ng		100
25) Phenanthrene	17.501	178	426191	5.190	ng		100
26) Anthracene	17.588	178	391169	5.046	ng		100
28) Fluoranthene	19.511	202	454270	4.885	ng		100
30) Pyrene	19.873	202	480112	5.623	ng		99
32) Benzo(a)anthracene	21.629	228	392670	5.095	ng		99
33) Chrysene	21.683	228	379768	5.064	ng		99
34) Bis(2-ethylhexyl)phtha...	21.558	149	177628	3.877	ng		100
36) Indeno(1,2,3-cd)pyrene	26.756	276	293684	4.974	ng		99
37) Benzo(b)fluoranthene	23.373	252	302407	5.677	ng		97
38) Benzo(k)fluoranthene	23.423	252	320285	5.867	ng		96
39) Benzo(a)pyrene	24.025	252	239244	5.471	ng	#	94
40) Dibenzo(a,h)anthracene	26.782	278	233342	5.054	ng		96
41) Benzo(g,h,i)perylene	27.554	276	240455	4.921	ng		98

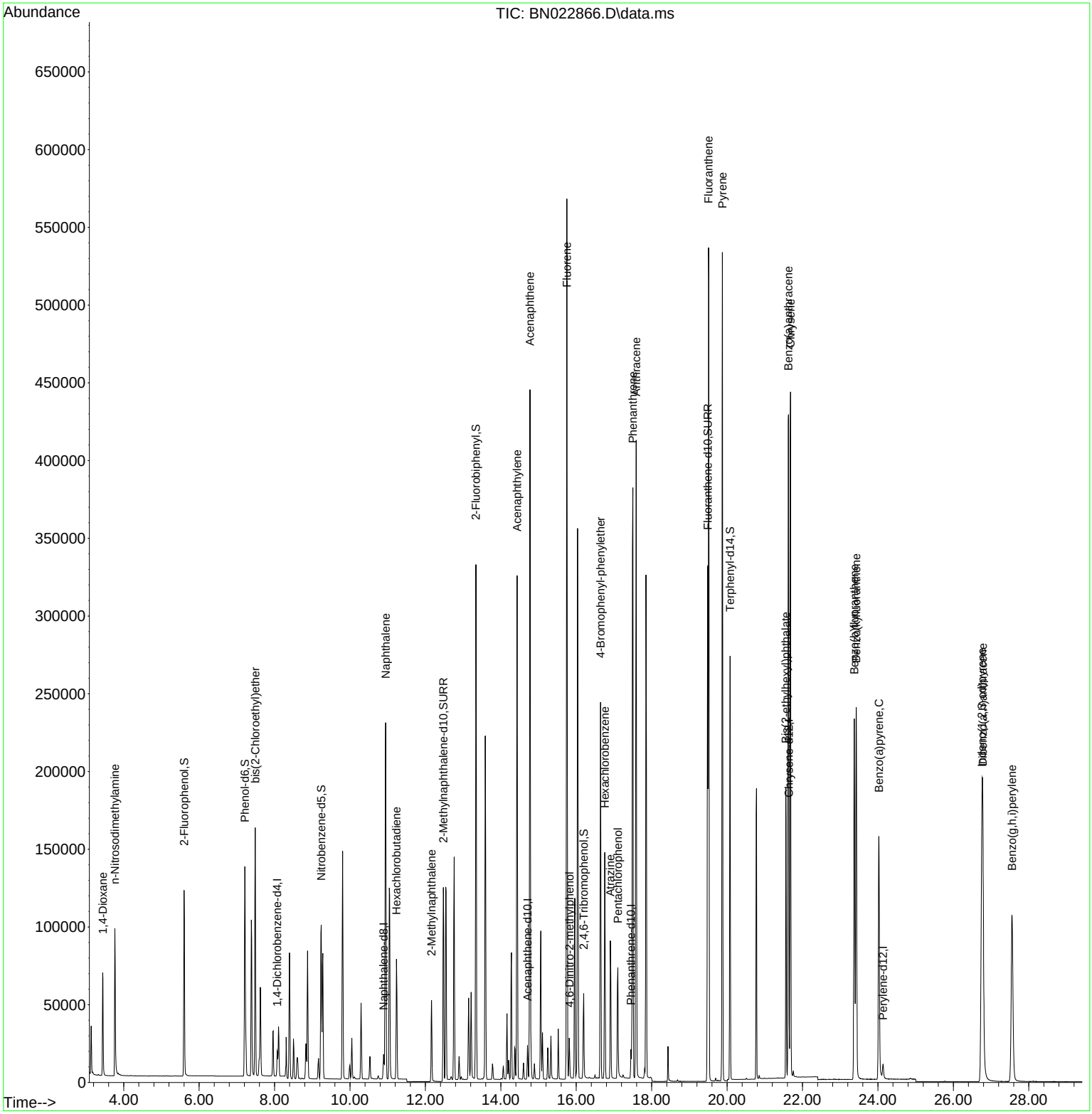
(#) = qualifier out of range (m) = manual integration (+) = signals summed

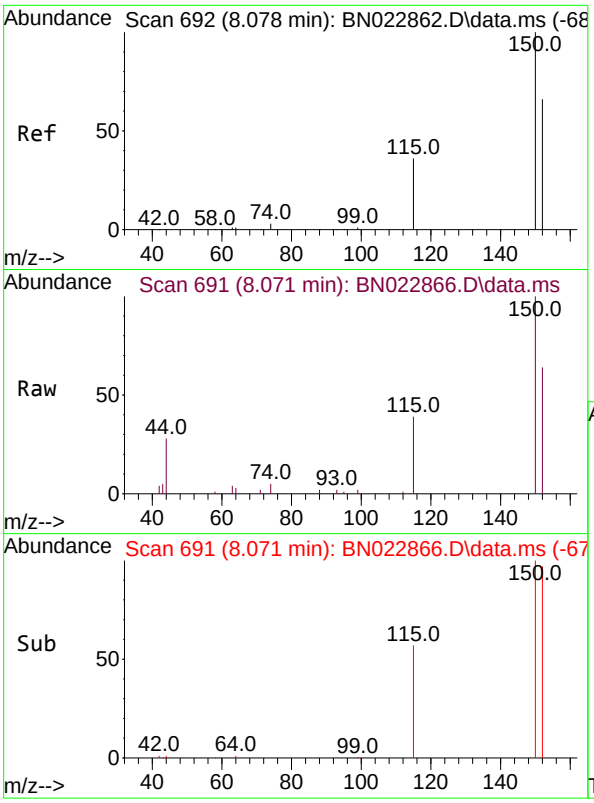
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022866.D
Acq On : 25 Nov 2022 18:32
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:41:21 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



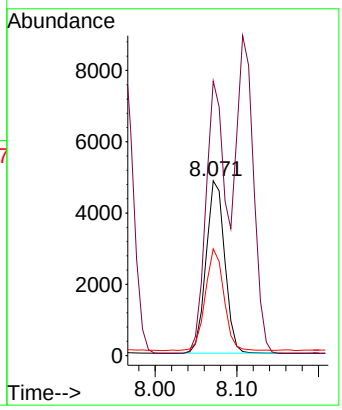


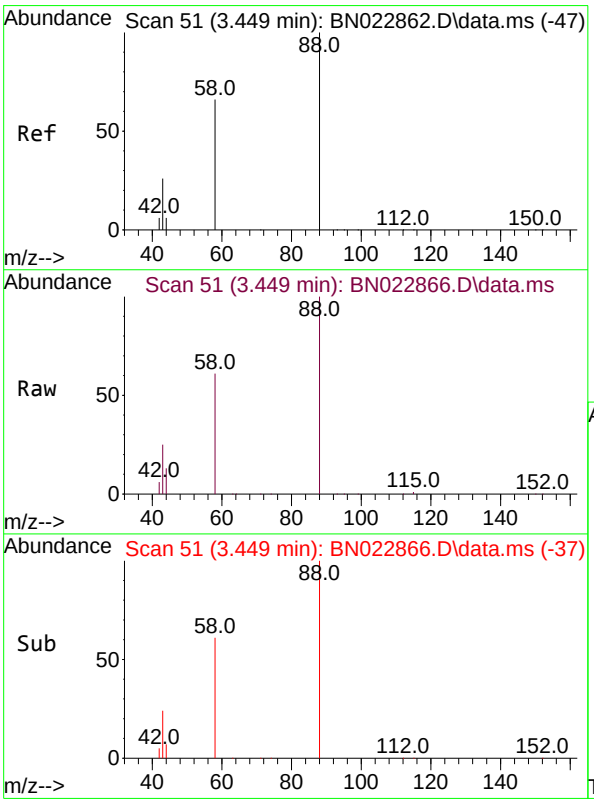
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7672

Ion	Ratio	Lower	Upper
152	100		
150	157.0	121.2	181.8
115	61.1	46.2	69.4

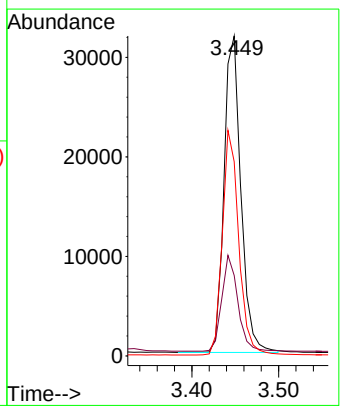


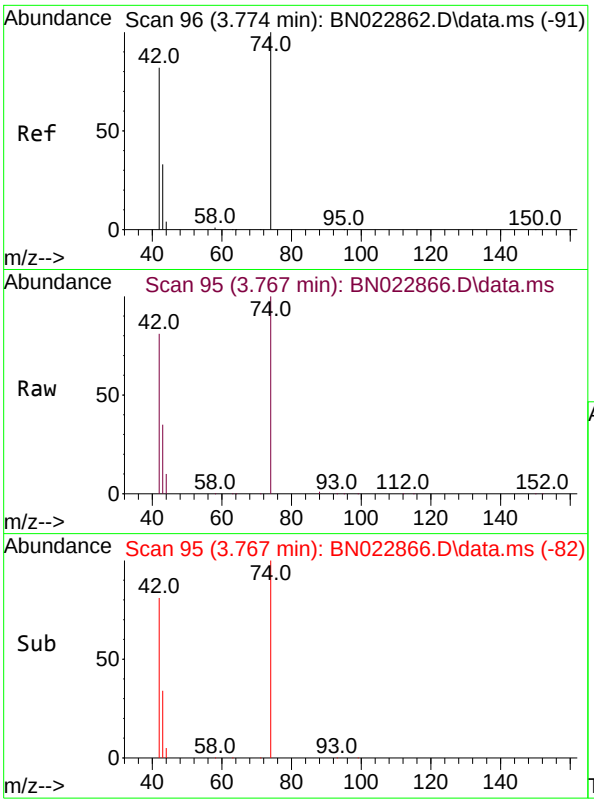


#2
1,4-Dioxane
Concen: 4.294 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion: 88 Resp: 42850

Ion	Ratio	Lower	Upper
88	100		
43	28.8	25.4	38.2
58	69.2	56.5	84.7



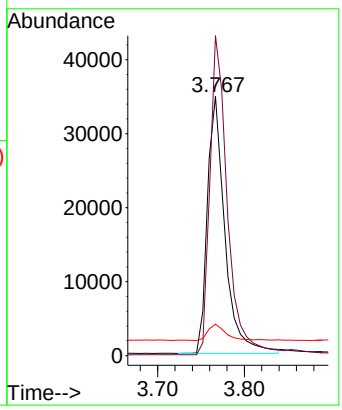


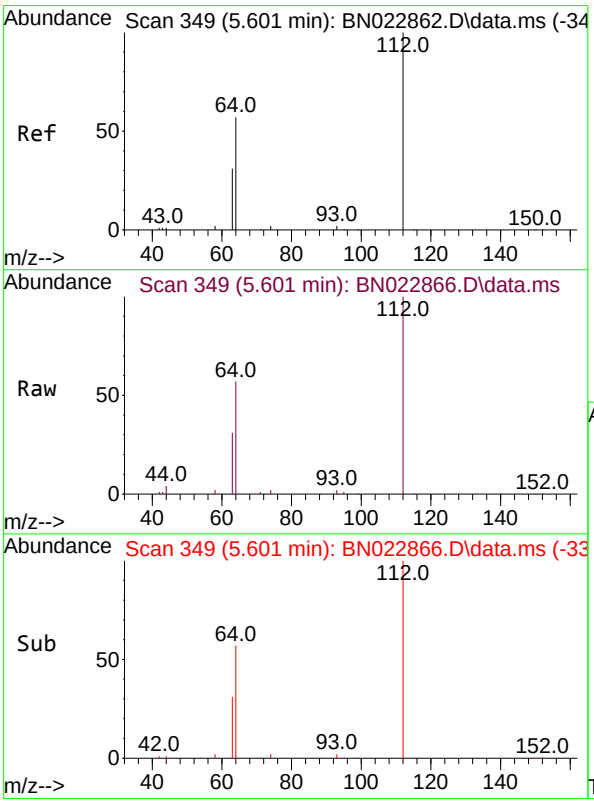
#3
n-Nitrosodimethylamine
Concen: 4.276 ng
RT: 3.767 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 48916

Ion	Ratio	Lower	Upper
42	100		
74	123.8	99.3	148.9
44	6.3	5.4	8.2

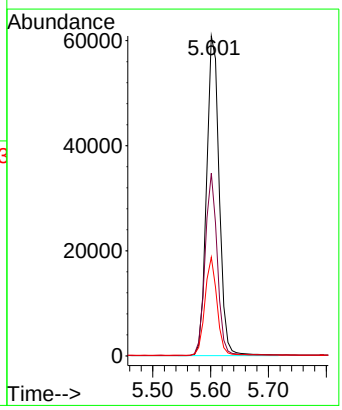


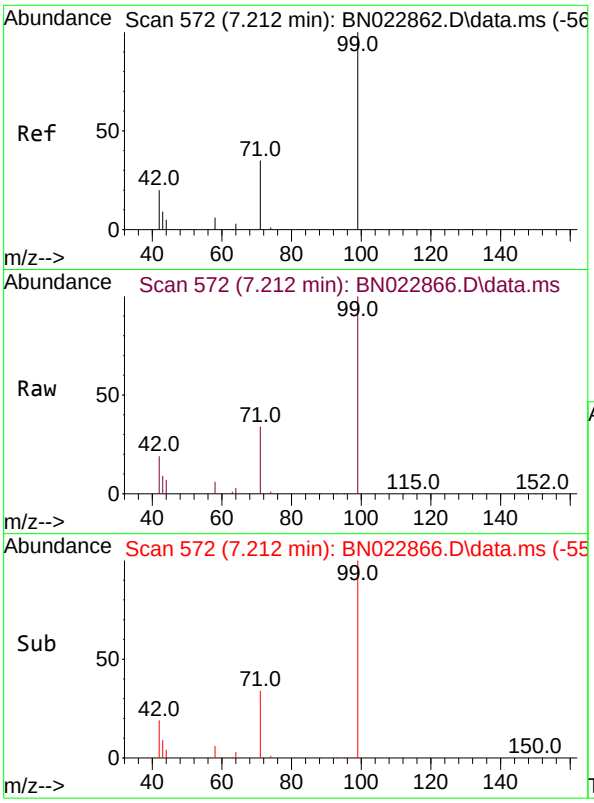


#4
2-Fluorophenol
Concen: 4.003 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:112 Resp: 91751

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.4	65.2
63	29.3	23.4	35.2



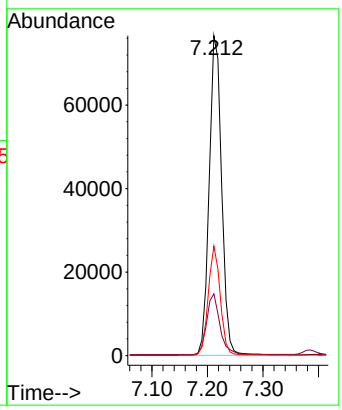


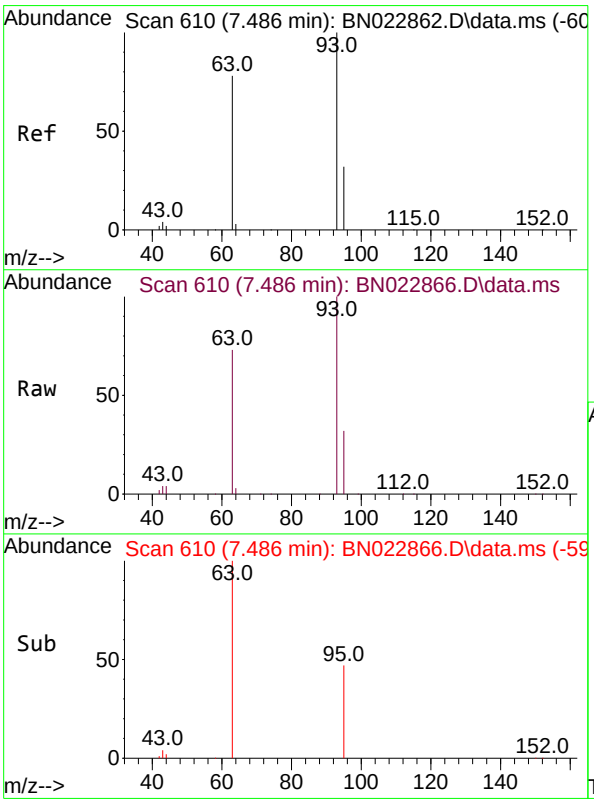
#5
Phenol-d6
Concen: 4.041 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 119384

Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.0	24.0
71	33.0	26.8	40.2

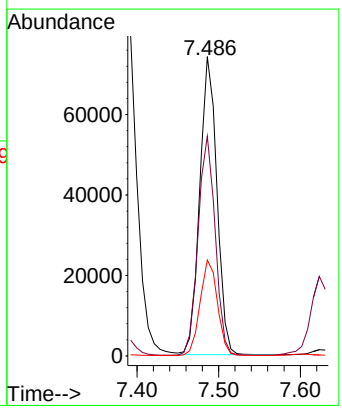


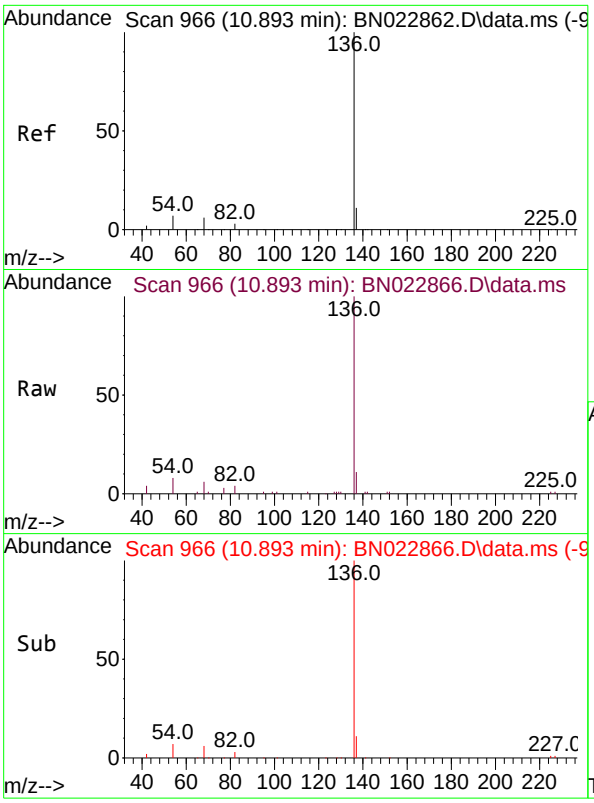


#6
bis(2-Chloroethyl)ether
Concen: 3.840 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion: 93 Resp: 107998

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.3	87.5
95	32.3	25.8	38.6



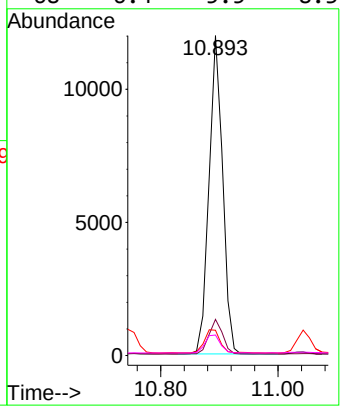


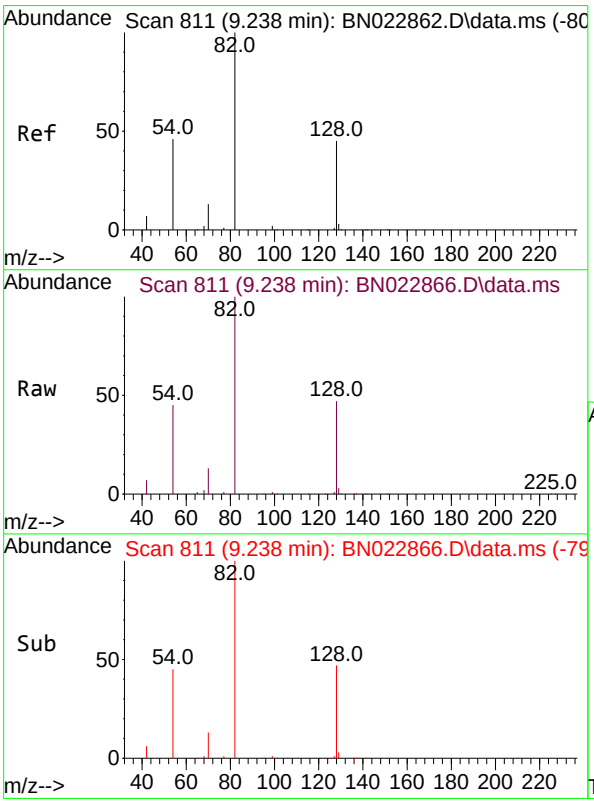
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 19301

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.9	6.6	9.8
68	6.4	5.5	8.3

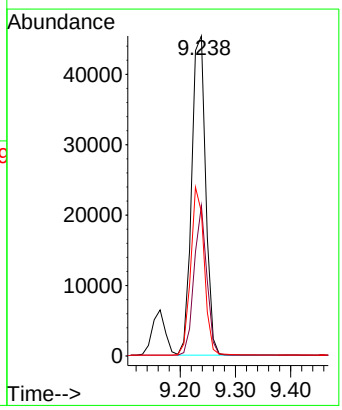


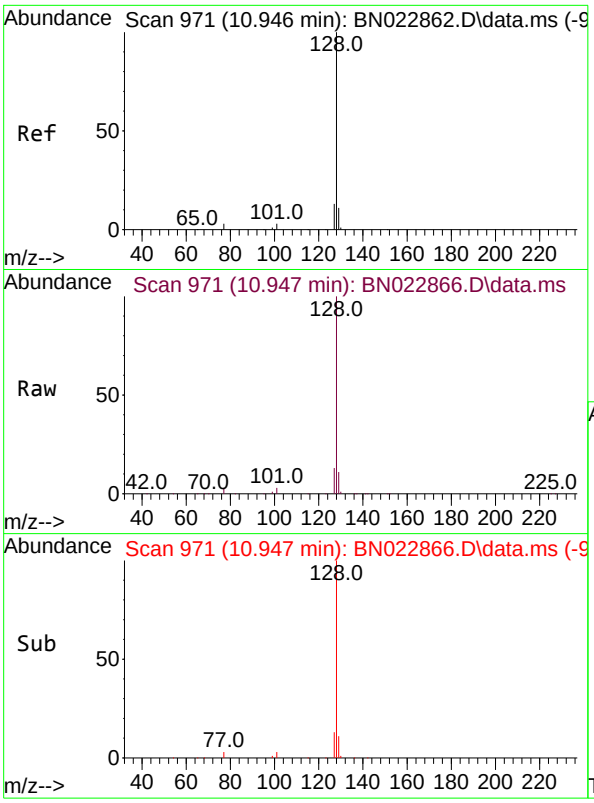


#8
Nitrobenzene-d5
Concen: 5.328 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion: 82 Resp: 79968

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.6	54.8
54	45.0	38.5	57.7



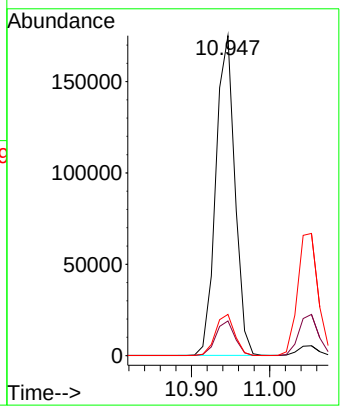


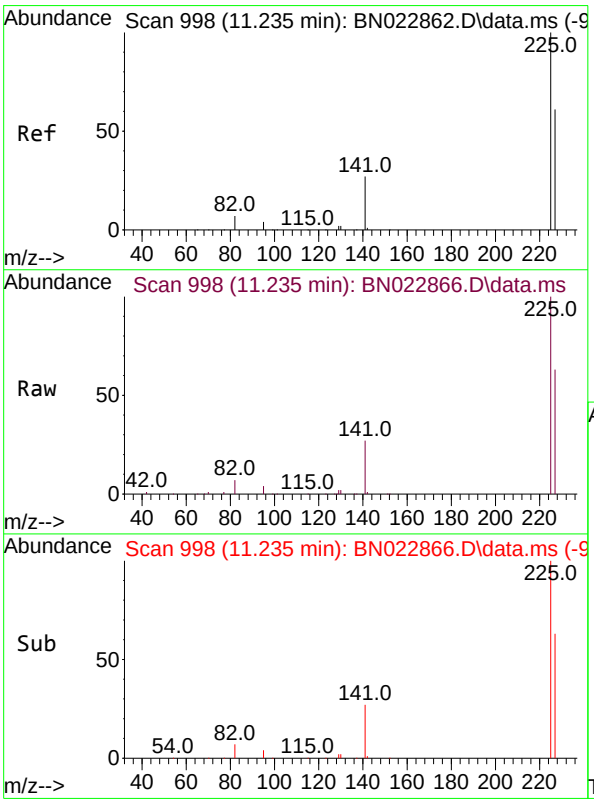
#9
Naphthalene
Concen: 4.901 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 297139

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.9	10.8	16.2

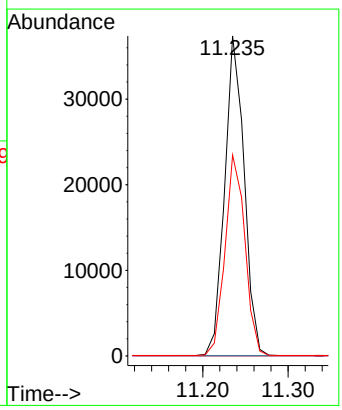


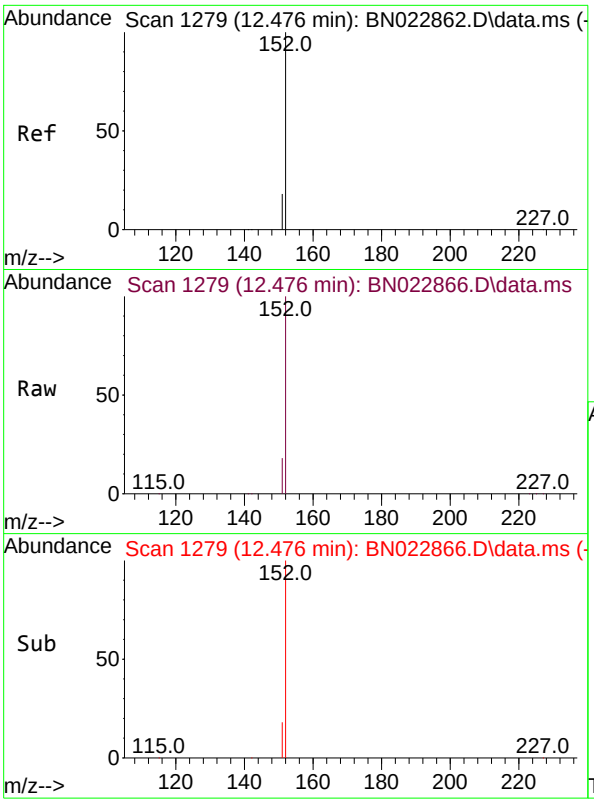


#10
Hexachlorobutadiene
Concen: 4.808 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:225 Resp: 59450

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



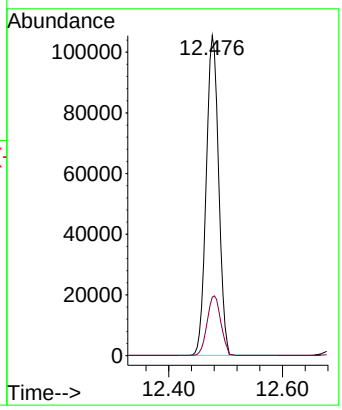


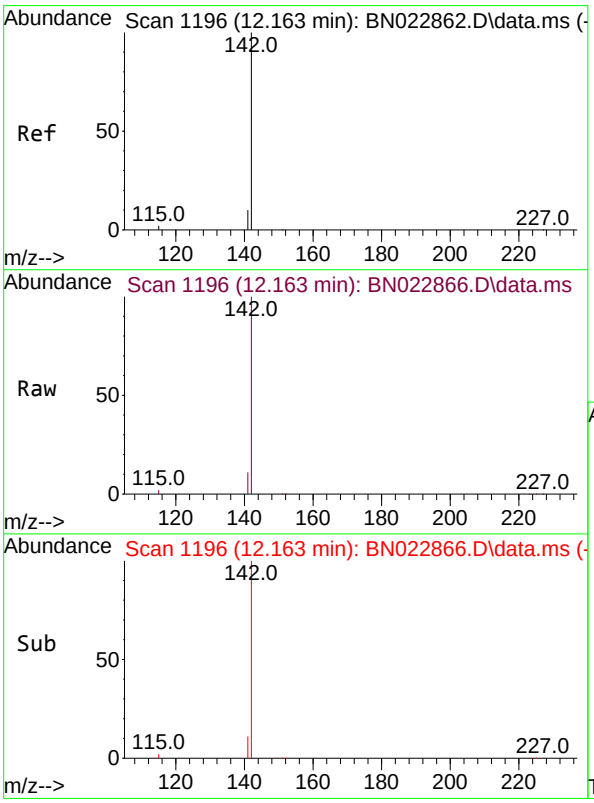
#11
2-Methylnaphthalene-d10
Concen: 5.371 ng
RT: 12.476 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 232562

Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.6	27.8

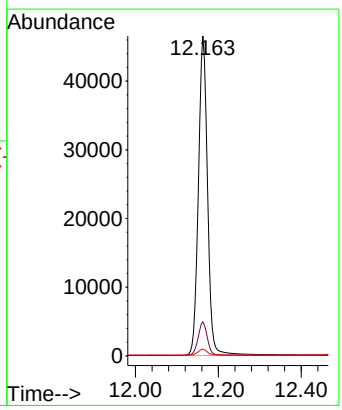


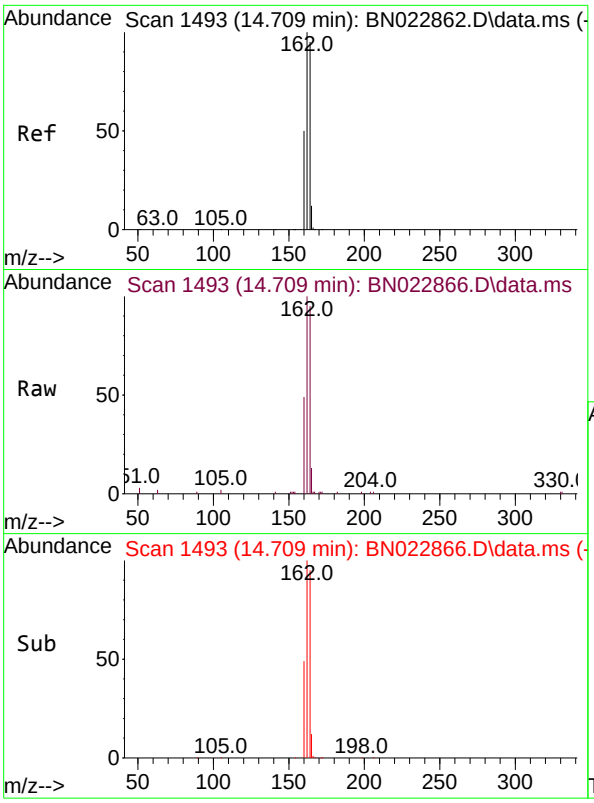


#12
2-Methylnaphthalene
Concen: 4.873 ng
RT: 12.163 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:142 Resp: 71449

Ion	Ratio	Lower	Upper
142	100		
141	10.6	10.1	15.1
115	2.1	4.6	7.0#



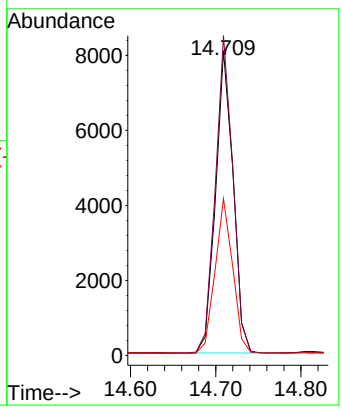


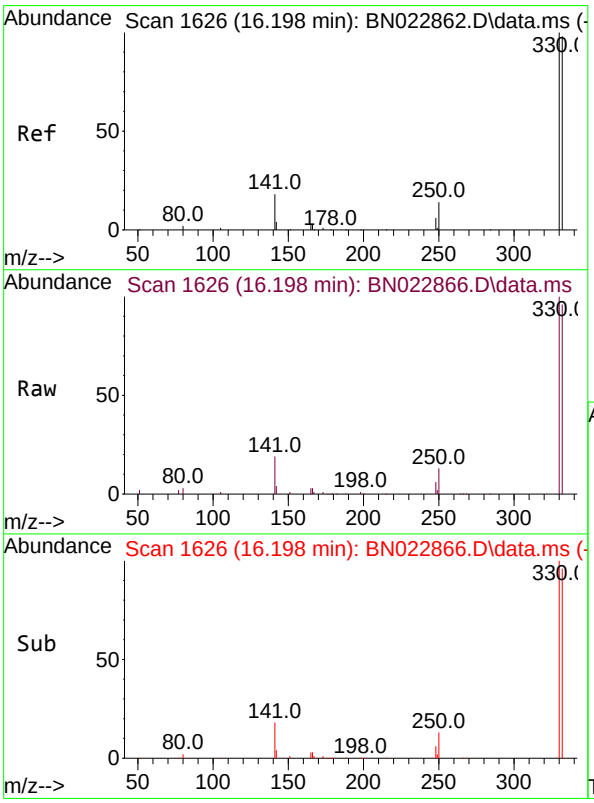
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11526

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.2	126.4
160	51.5	42.5	63.7

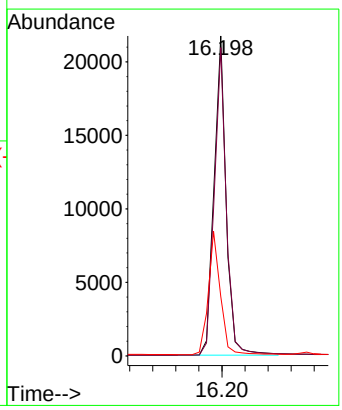


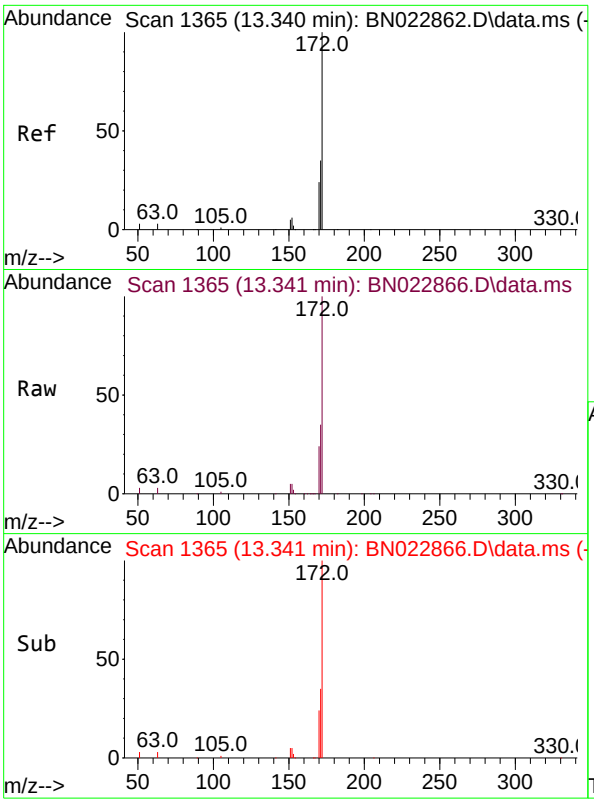


#14
2,4,6-Tribromophenol
Concen: 4.671 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:330 Resp: 31600

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.5	114.7
141	38.8	32.6	48.8



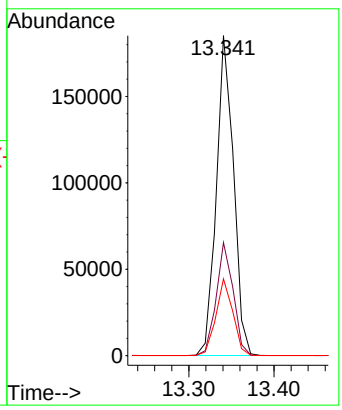


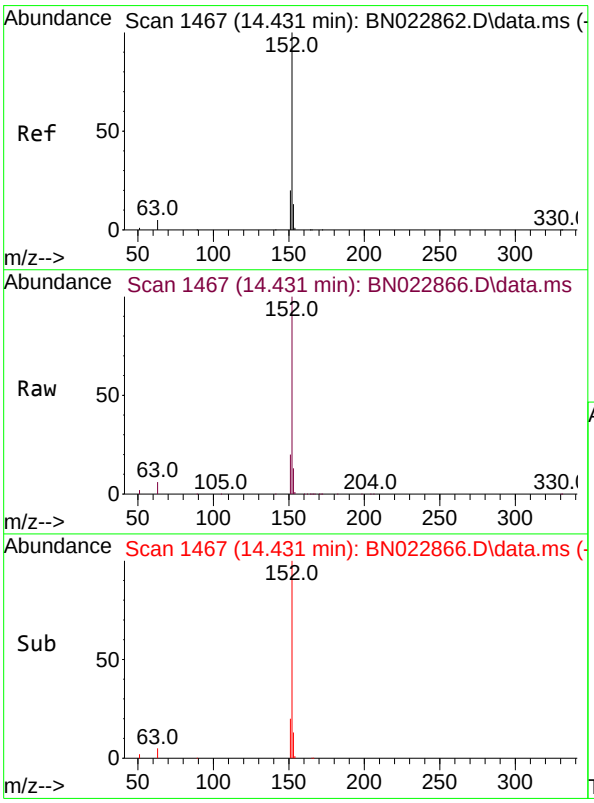
#15
2-Fluorobiphenyl
Concen: 5.108 ng
RT: 13.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 259379

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	24.0	19.3	28.9

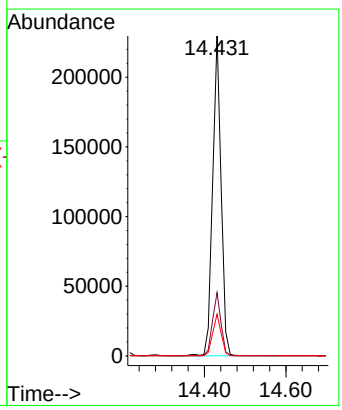


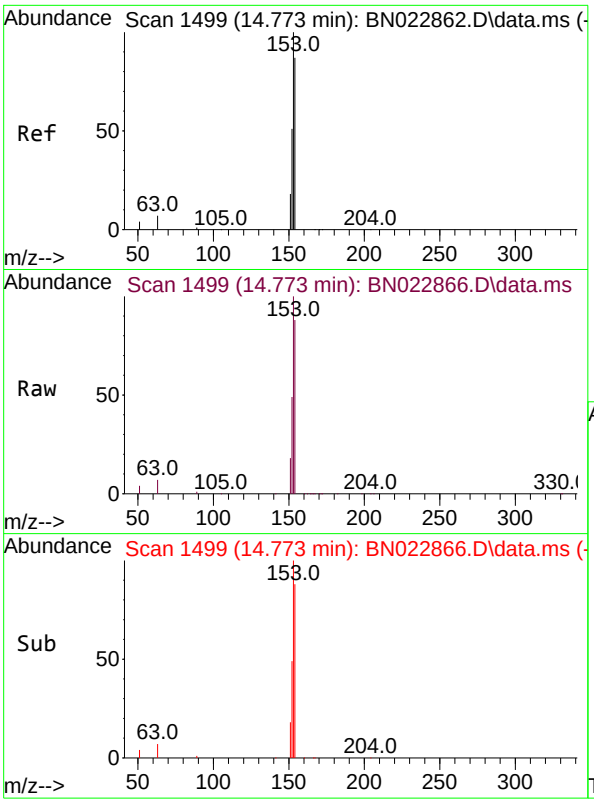


#16
Acenaphthylene
Concen: 5.007 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:152 Resp: 330136

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.5	15.7



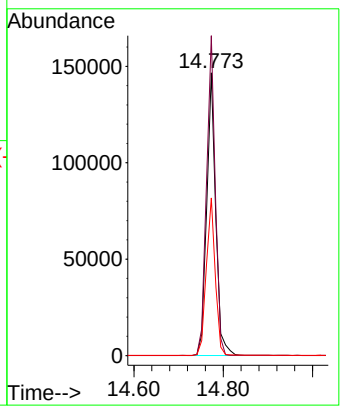


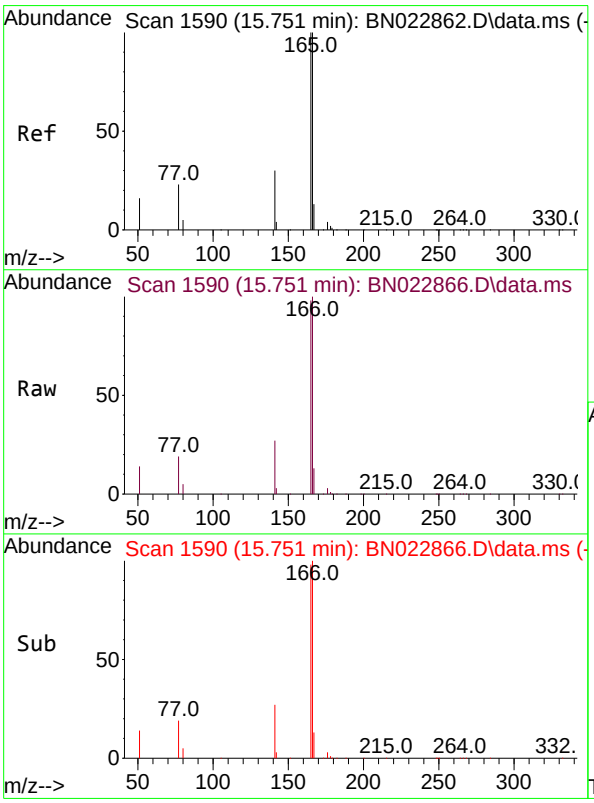
#17
Acenaphthene
Concen: 5.072 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 206231

Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.0	135.0
152	55.4	47.0	70.6

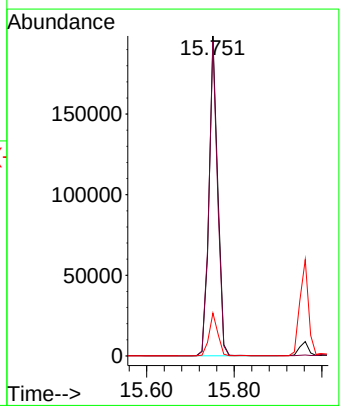


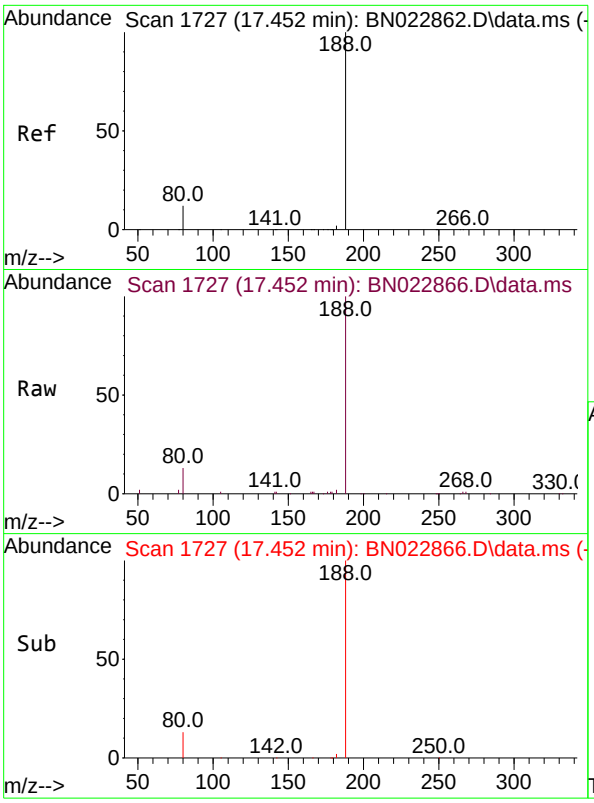


#18
Fluorene
Concen: 5.036 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:166 Resp: 264183

Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.4	119.0
167	13.5	10.7	16.1



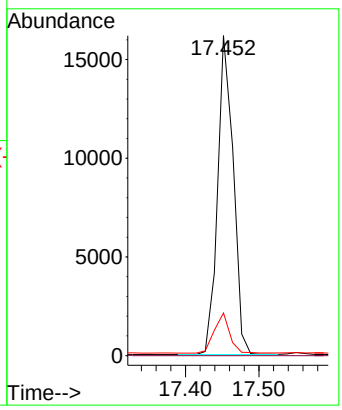


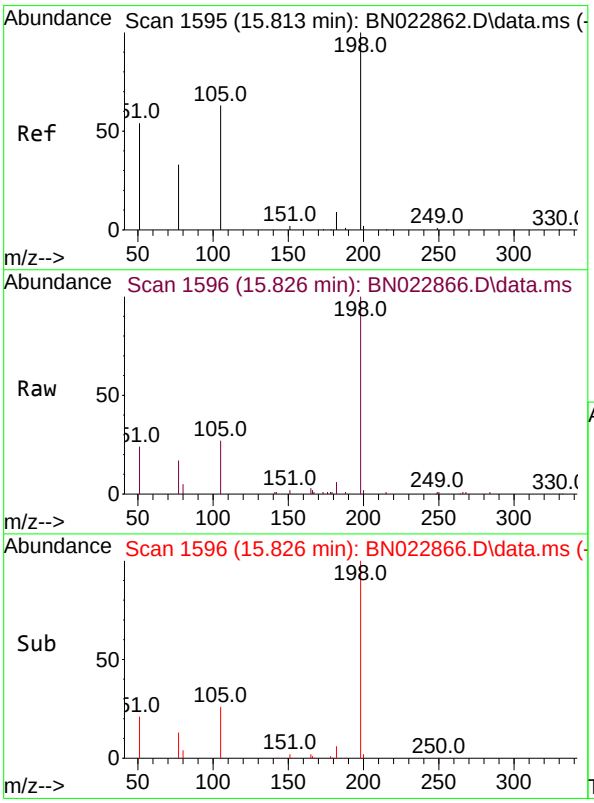
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 23945

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

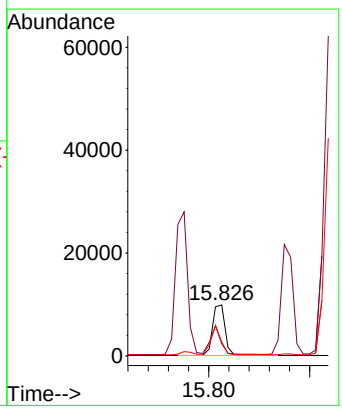


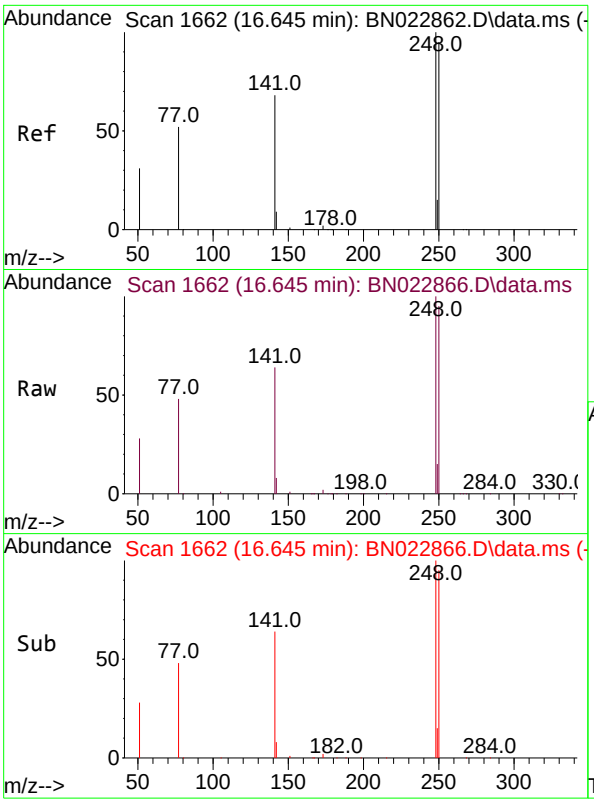


#20
4,6-Dinitro-2-methylphenol
Concen: 7.885 ng
RT: 15.826 min Scan# 1596
Delta R.T. 0.013 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:198 Resp: 16757

Ion	Ratio	Lower	Upper
198	100		
51	23.9	80.5	120.7#
105	27.3	70.5	105.7#



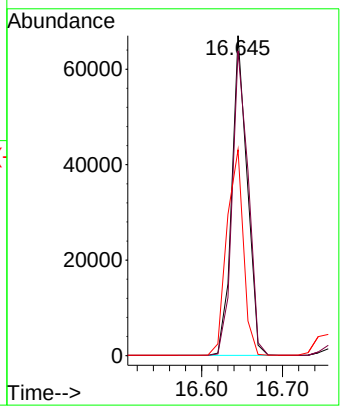


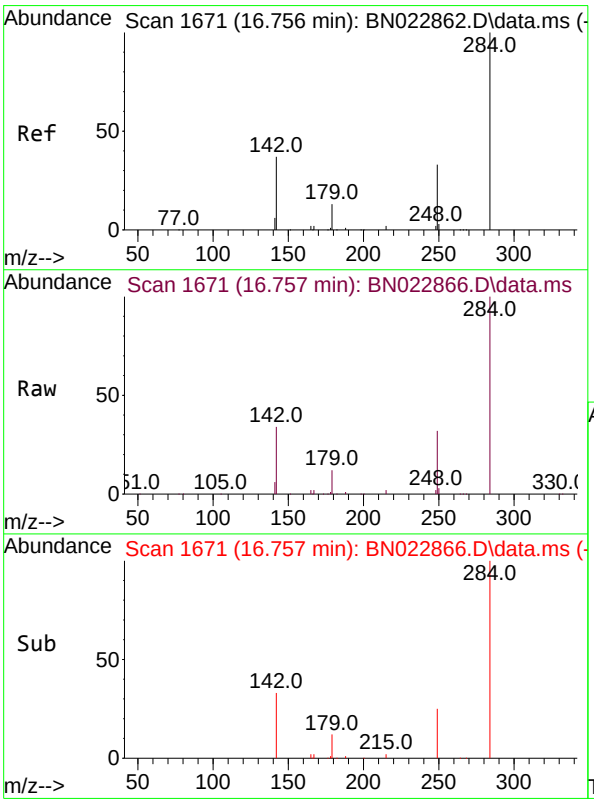
#21
4-Bromophenyl-phenylether
Concen: 4.992 ng
RT: 16.645 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 88857

Ion	Ratio	Lower	Upper
248	100		
250	95.2	75.8	113.6
141	64.3	55.4	83.0

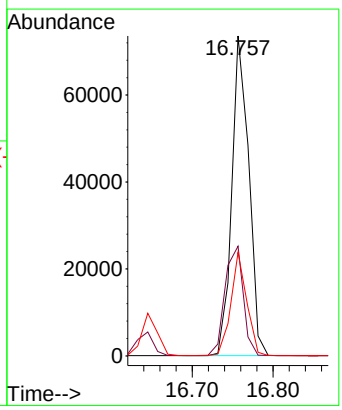


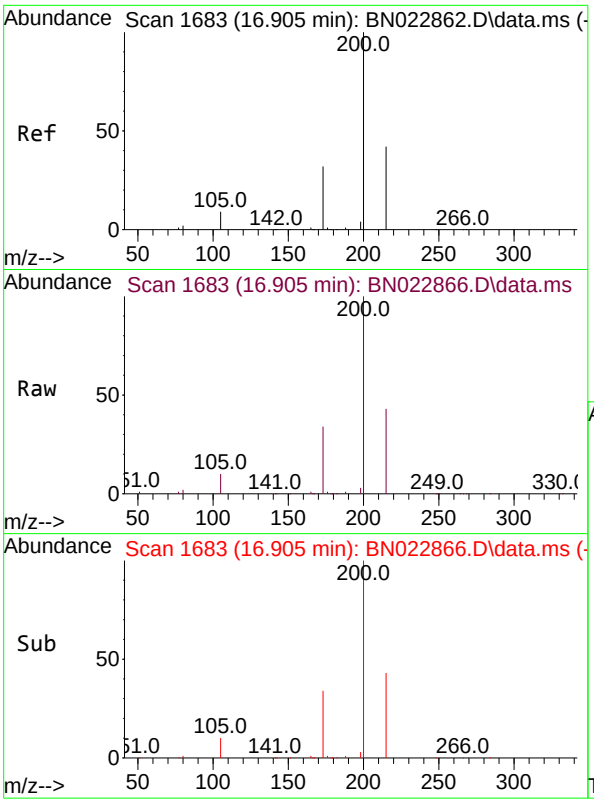


#22
Hexachlorobenzene
Concen: 5.178 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:284 Resp: 107189

Ion	Ratio	Lower	Upper
284	100		
142	36.9	30.1	45.1
249	30.1	24.5	36.7



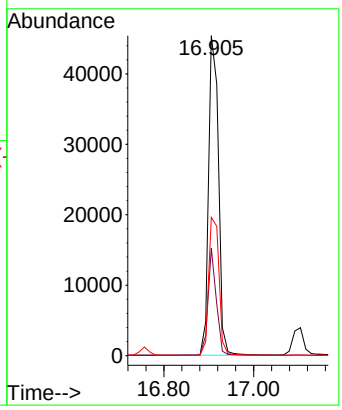


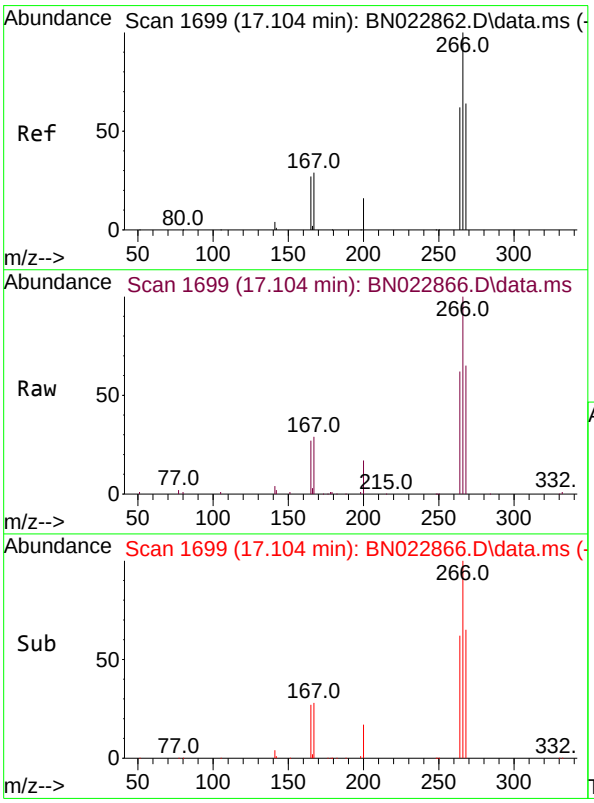
#23
Atrazine
Concen: 4.960 ng
RT: 16.905 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 70075

Ion	Ratio	Lower	Upper
200	100		
173	33.6	26.4	39.6
215	43.2	34.4	51.6

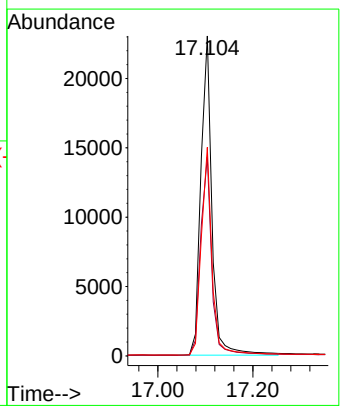


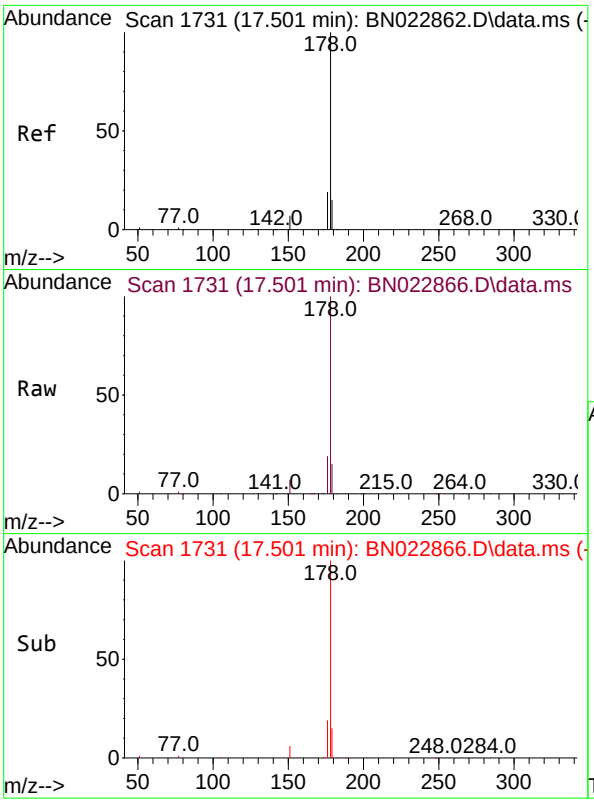


#24
Pentachlorophenol
Concen: 5.729 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:266 Resp: 36971

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.0	75.0
268	63.7	50.9	76.3



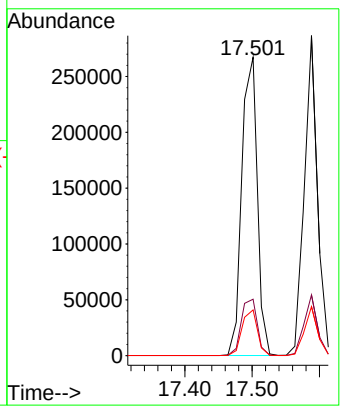


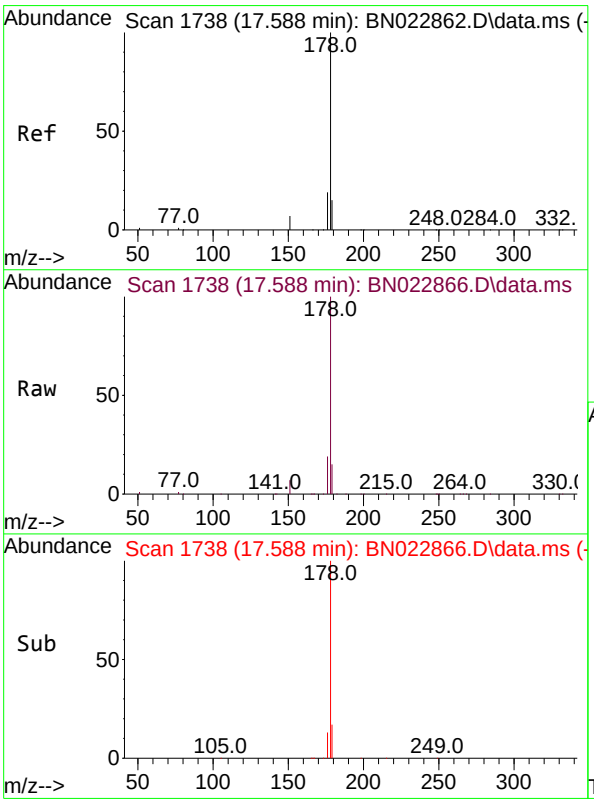
#25
Phenanthrene
Concen: 5.190 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 426191

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.2	12.2	18.2

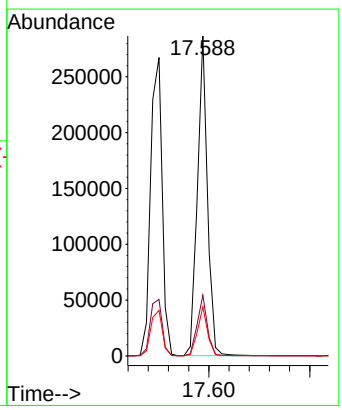


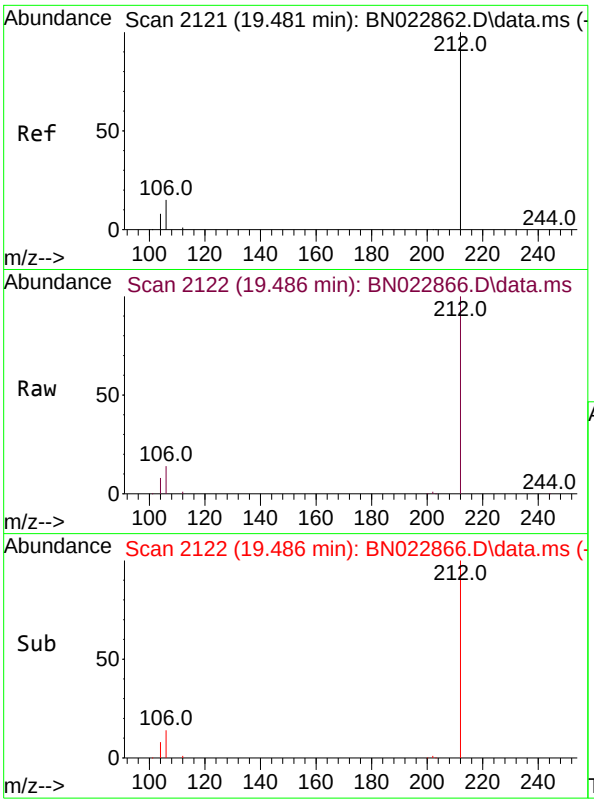


#26
Anthracene
Concen: 5.046 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:178 Resp: 391169

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.2	18.2



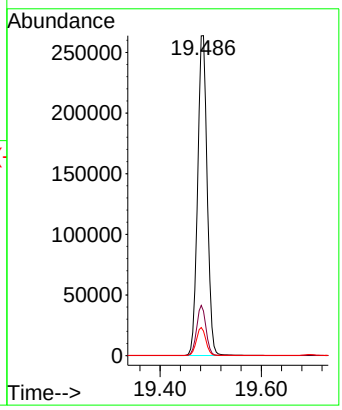


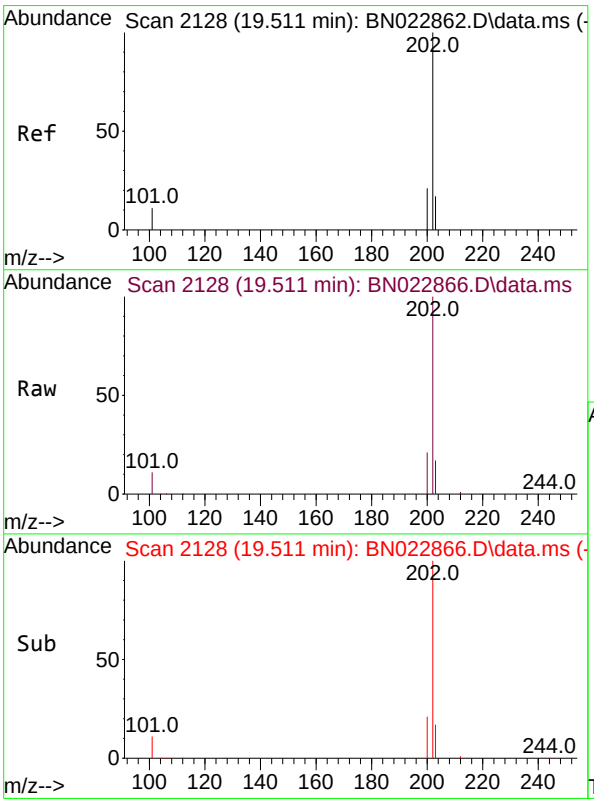
#27
Fluoranthene-d10
Concen: 4.896 ng
RT: 19.486 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 344956

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.3	18.5
104	8.6	7.0	10.4

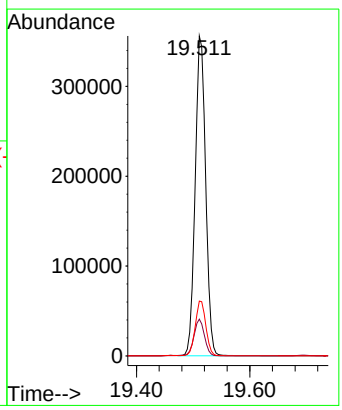


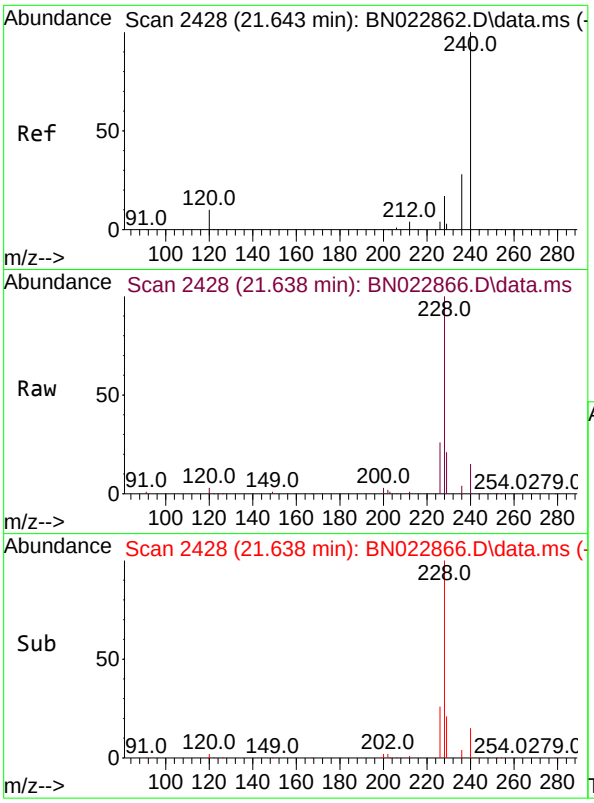


#28
Fluoranthene
Concen: 4.885 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:202 Resp: 454270

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
203	17.3	13.7	20.5



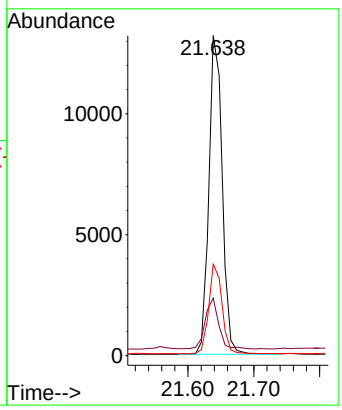


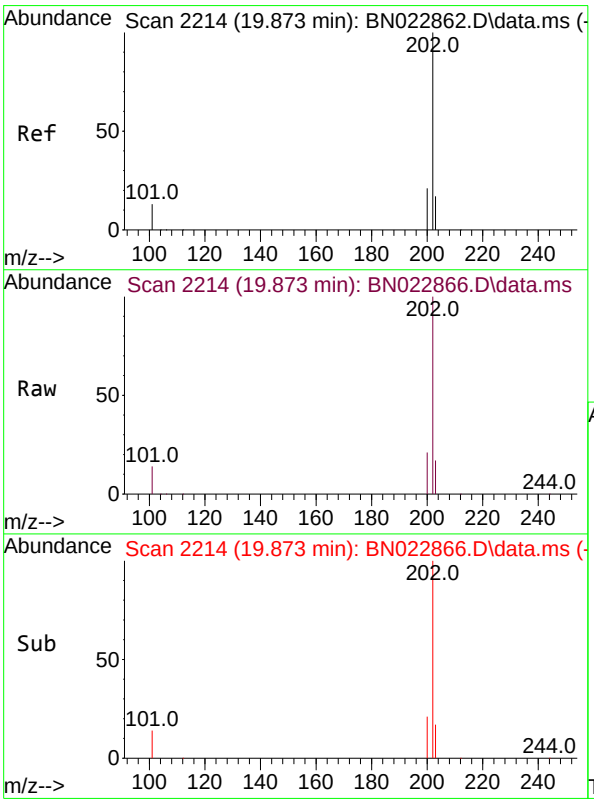
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.638 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18535

Ion	Ratio	Lower	Upper
240	100		
120	18.0	9.2	13.8#
236	28.6	22.6	34.0

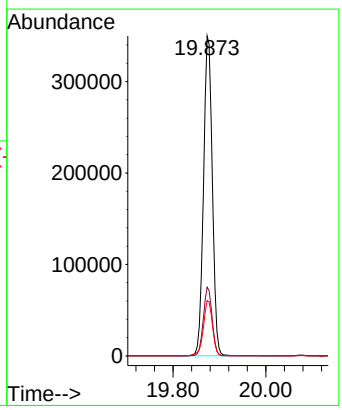


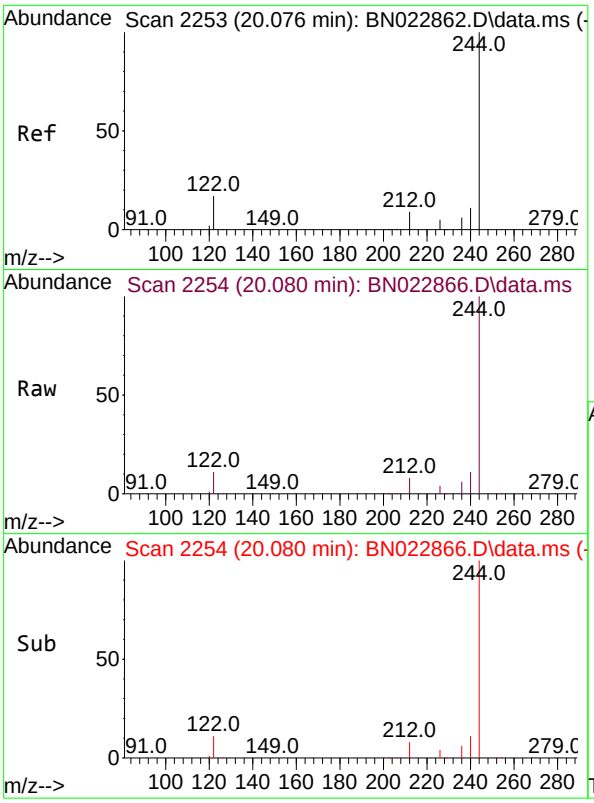


#30
Pyrene
Concen: 5.623 ng
RT: 19.873 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:202 Resp: 480112

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	17.0	14.2	21.2



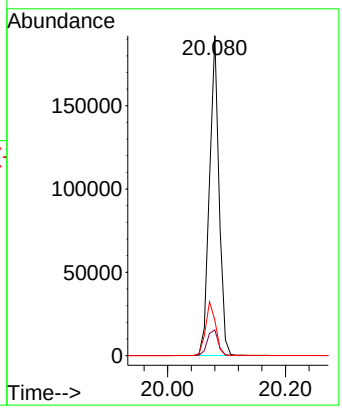


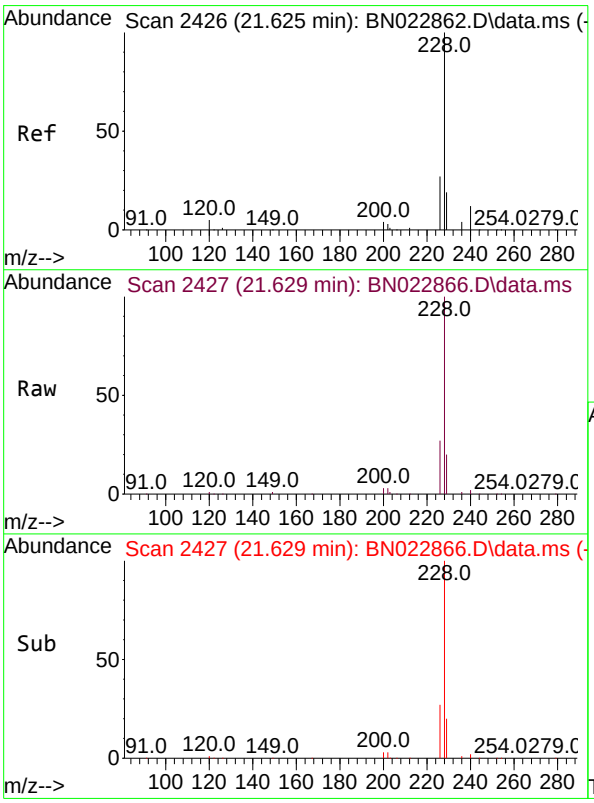
#31
Terphenyl-d14
Concen: 5.135 ng
RT: 20.080 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 215817

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.9	11.9
122	11.1	13.9	20.9#

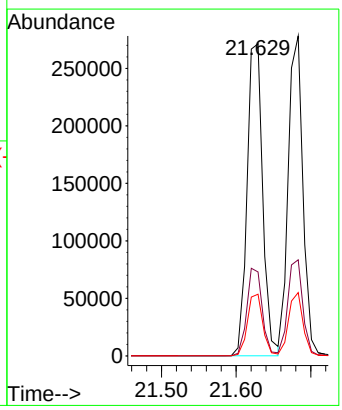


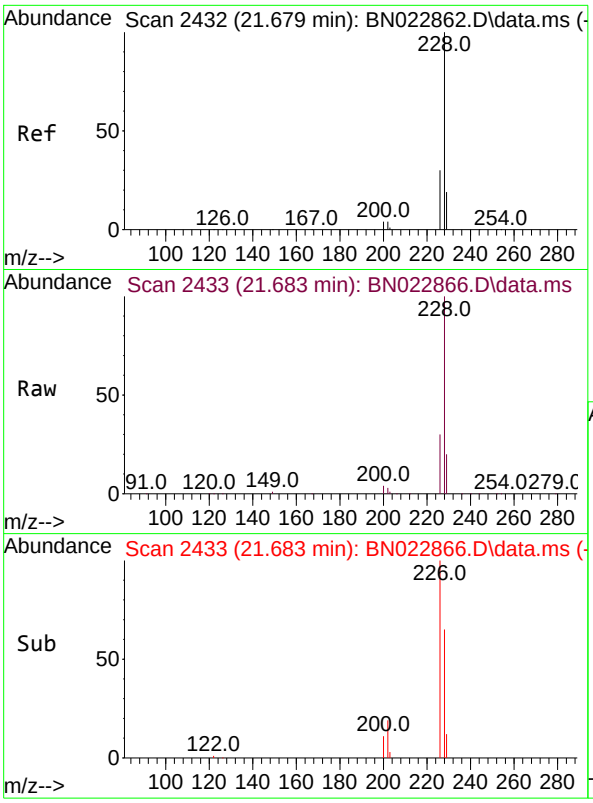


#32
Benzo(a)anthracene
Concen: 5.095 ng
RT: 21.629 min Scan# 2427
Delta R.T. 0.004 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:228 Resp: 392670

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.8	15.8	23.6



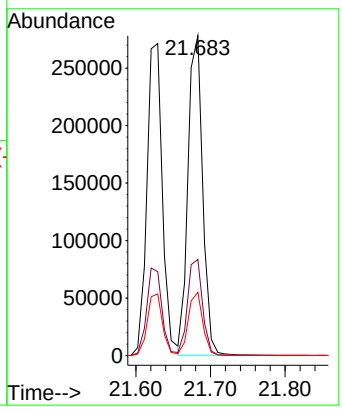


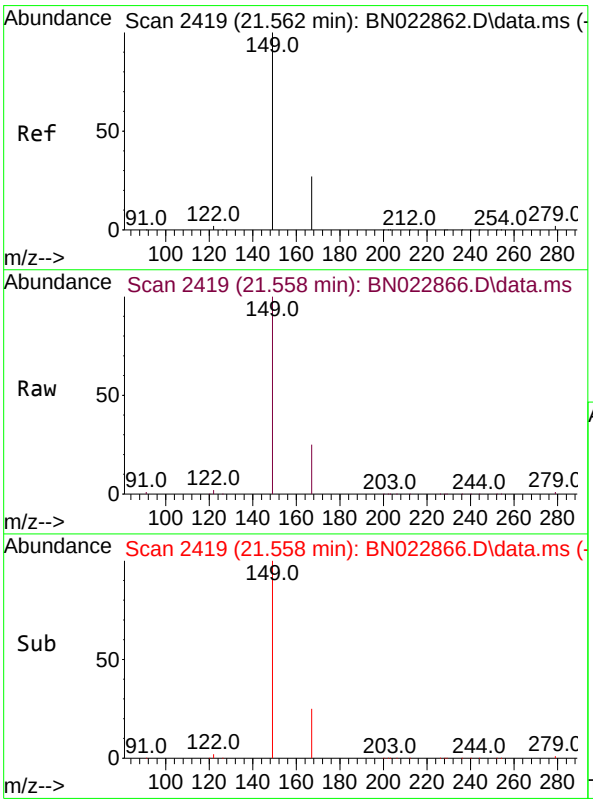
#33
Chrysene
Concen: 5.064 ng
RT: 21.683 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 379768

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	19.8	15.8	23.6

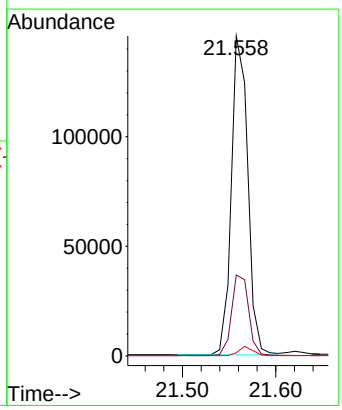


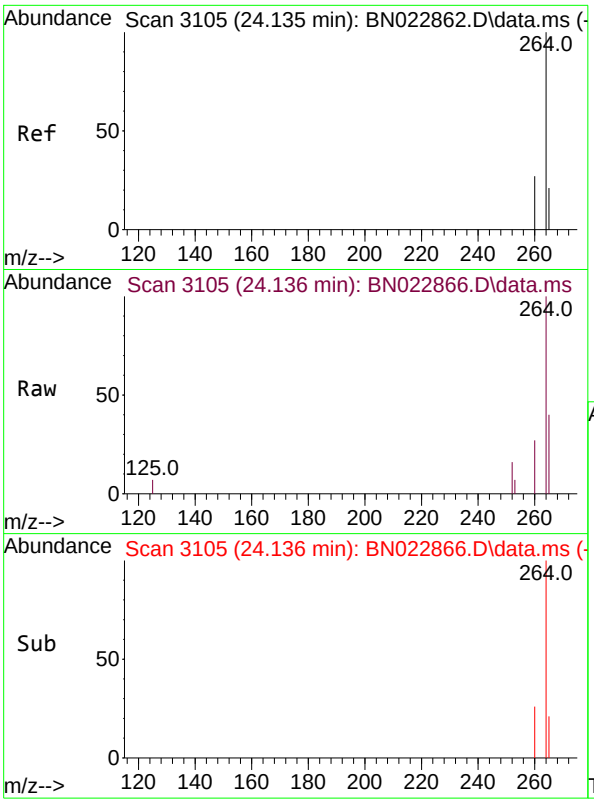


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.877 ng
RT: 21.558 min Scan# 2419
Delta R.T. -0.005 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:149 Resp: 177628

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.6	2.3	3.5



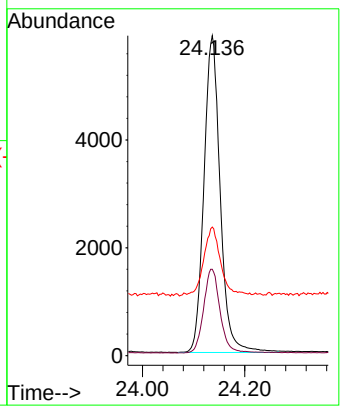


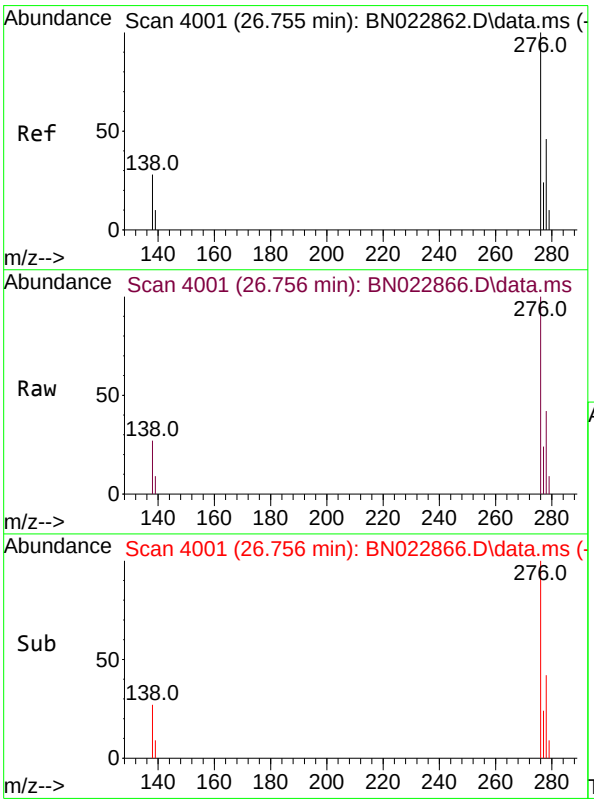
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.136 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 12948

Ion	Ratio	Lower	Upper
264	100		
260	27.0	21.7	32.5
265	40.2	31.0	46.4

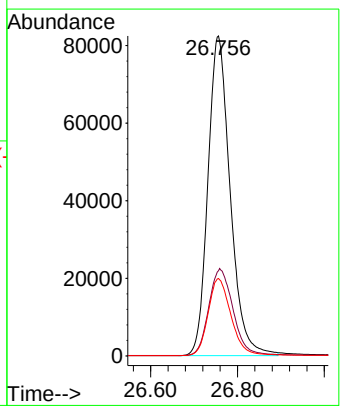


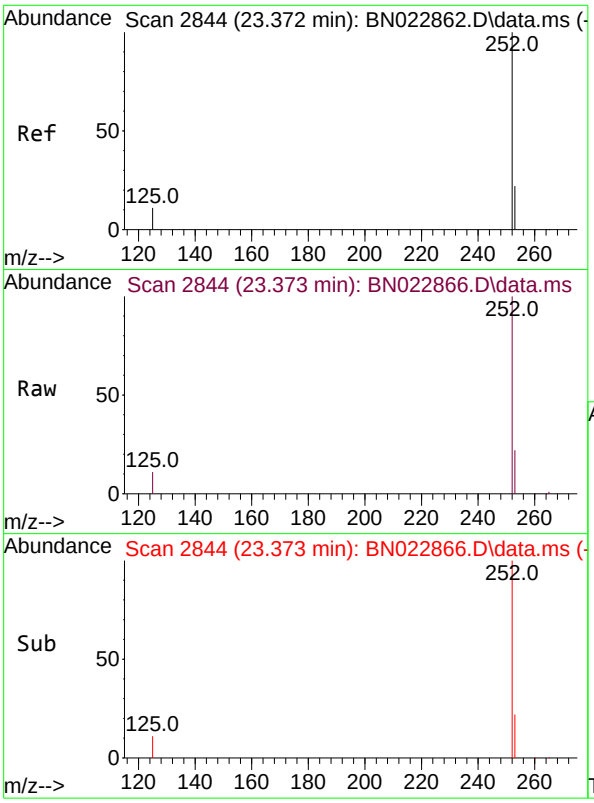


#36
Indeno(1,2,3-cd)pyrene
Concen: 4.974 ng
RT: 26.756 min Scan# 4001
Delta R.T. 0.001 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:276 Resp: 293684

Ion	Ratio	Lower	Upper
276	100		
138	29.5	24.4	36.6
277	24.8	19.9	29.9



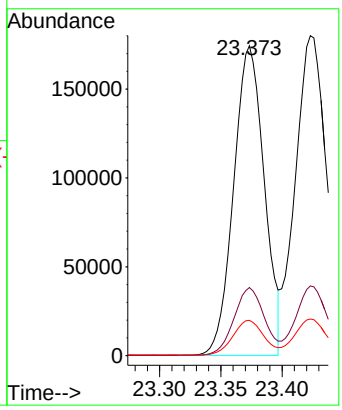


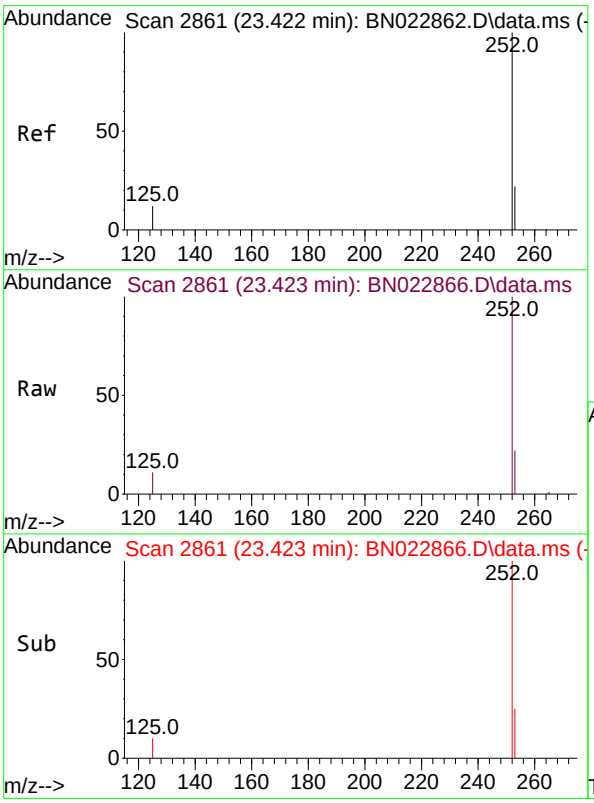
#37
Benzo(b)fluoranthene
Concen: 5.677 ng
RT: 23.373 min Scan# 28
Delta R.T. 0.001 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 302407

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.5	27.7
125	11.4	10.8	16.2

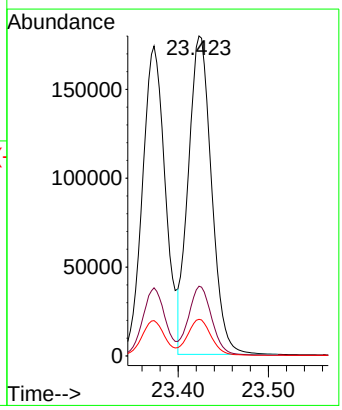


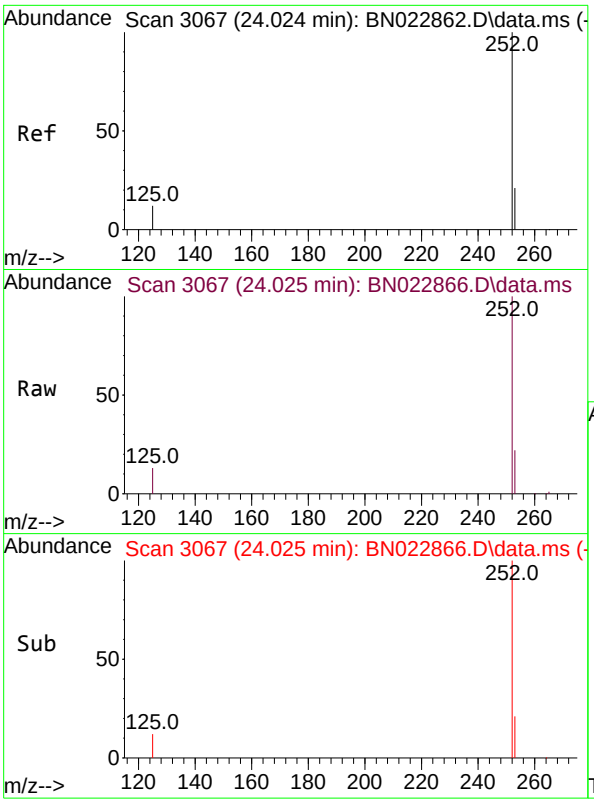


#38
Benzo(k)fluoranthene
Concen: 5.867 ng
RT: 23.423 min Scan# 2861
Delta R.T. 0.001 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:252 Resp: 320285

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	11.4	11.0	16.4



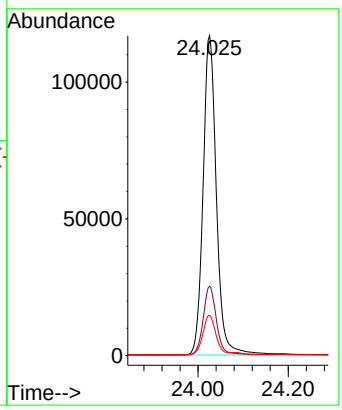


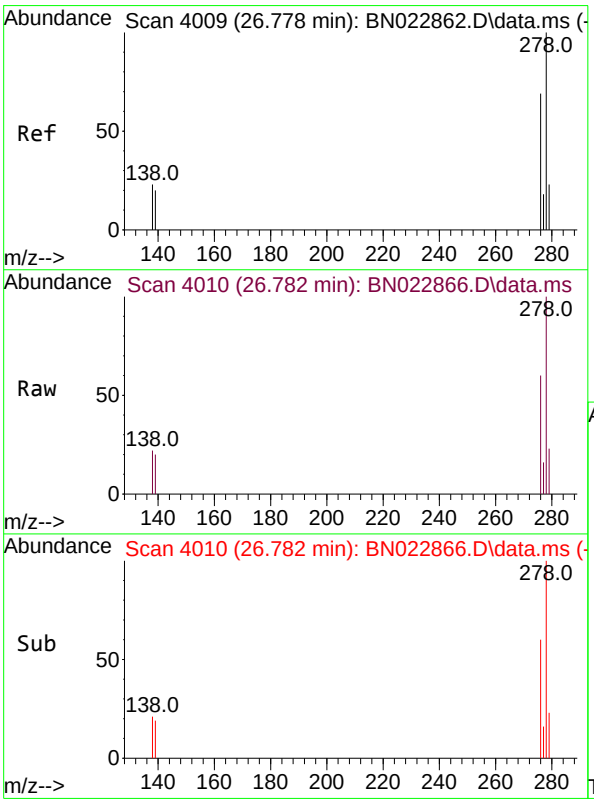
#39
Benzo(a)pyrene
Concen: 5.471 ng
RT: 24.025 min Scan# 30
Delta R.T. 0.001 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 239244

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.2	28.8
125	12.6	12.7	19.1#

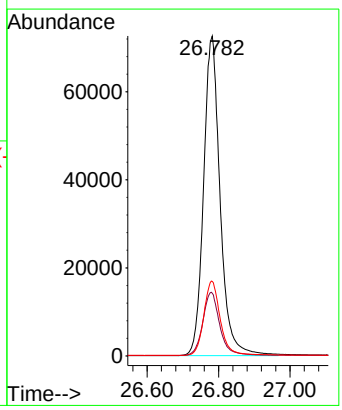


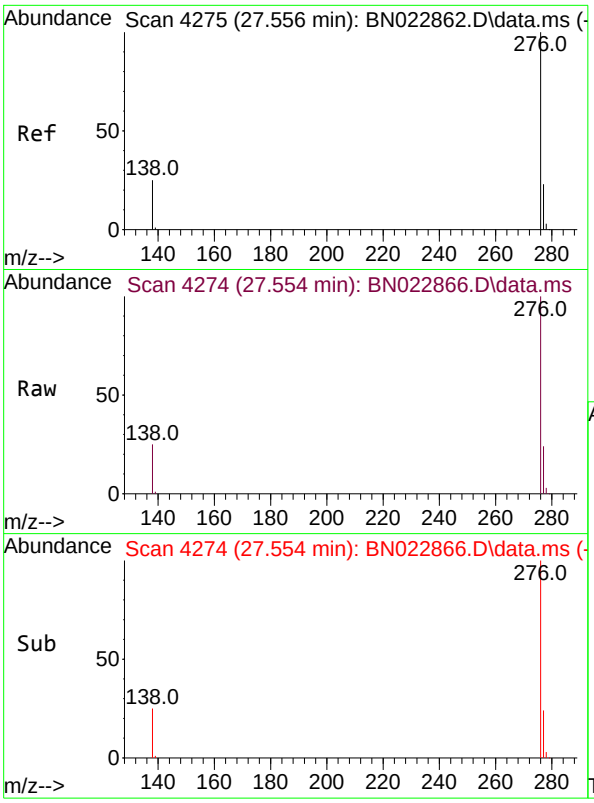


#40
Dibenzo(a,h)anthracene
Concen: 5.054 ng
RT: 26.782 min Scan# 4010
Delta R.T. 0.004 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Tgt Ion:278 Resp: 233342

Ion	Ratio	Lower	Upper
278	100		
139	19.6	17.4	26.0
279	23.3	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 4.921 ng
RT: 27.554 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN022866.D
Acq: 25 Nov 2022 18:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 240455

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.7	29.5
138	25.4	21.4	32.2