Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022451.D
Acq On : 02 Nov 2022 02:41
Operator : CG/JU
Sample : PB148507BSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Quant Time: Nov 02 05:40:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	3841	0.400	ng		0.00
7) Naphthalene-d8	10.752	136	13326	0.400	ng		0.00
13) Acenaphthene-d10	14.593	164	7519	0.400	ng		0.00
19) Phenanthrene-d10	17.354	188	14537	0.400	ng	#	0.00
29) Chrysene-d12	21.546	240	8787	0.400	ng		0.00
35) Perylene-d12	23.993	264	6252	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.458	112	4178	0.408	ng		0.00
5) Phenol-d6	7.090	99	5174	0.403	ng		0.00
8) Nitrobenzene-d5	9.108	82	4105	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	12.345	152	8082	0.387	ng		0.00
14) 2,4,6-Tribromophenol	16.100	330	1121	0.347	ng		0.00
15) 2-Fluorobiphenyl	13.214	172	12493	0.388	ng		0.00
27) Fluoranthene-d10	19.386	212	13337	0.332	ng		0.00
31) Terphenyl-d14	19.984	244	12368	0.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.277	88	2129	0.396	ng		99
3) n-Nitrosodimethylamine	3.616	42	2265	0.396	ng		100
6) bis(2-Chloroethyl)ether	7.350	93	4329	0.352	ng		98
9) Naphthalene	10.795	128	15579	0.391	ng		99
10) Hexachlorobutadiene	11.072	225	2671	0.395	ng	#	100
12) 2-Methylnaphthalene	12.062	142	2976	0.375	ng	#	94
16) Acenaphthylene	14.315	152	13338	0.366	ng		99
17) Acenaphthene	14.657	154	9543	0.384	ng		98
18) Fluorene	15.640	166	12746	0.368	ng		100
20) 4,6-Dinitro-2-methylph...	15.740	198	566	0.243	ng	#	84
21) 4-Bromophenyl-phenylether	16.535	248	3509	0.400	ng		94
22) Hexachlorobenzene	16.646	284	4156	0.414	ng		99
23) Atrazine	16.808	200	2509	0.342	ng		97
24) Pentachlorophenol	17.006	266	989	0.238	ng		98
25) Phenanthrene	17.391	178	19013	0.381	ng		100
26) Anthracene	17.478	178	15021	0.358	ng		100
28) Fluoranthene	19.419	202	18275	0.338	ng		100
30) Pyrene	19.782	202	18100	0.448	ng		100
32) Benzo(a)anthracene	21.537	228	13390	0.387	ng		98
33) Chrysene	21.582	228	13901	0.384	ng		99
34) Bis(2-ethylhexyl)phtha...	21.447	149	8008	0.313	ng		99
36) Indeno(1,2,3-cd)pyrene	26.557	276	12136	0.393	ng		99
37) Benzo(b)fluoranthene	23.245	252	11328	0.396	ng		98
38) Benzo(k)fluoranthene	23.294	252	11121	0.391	ng		96
39) Benzo(a)pyrene	23.885	252	9083	0.390	ng		95
40) Dibenzo(a,h)anthracene	26.575	278	9565	0.397	ng		97
41) Benzo(g,h,i)perylene	27.350	276	10156	0.399	ng		98

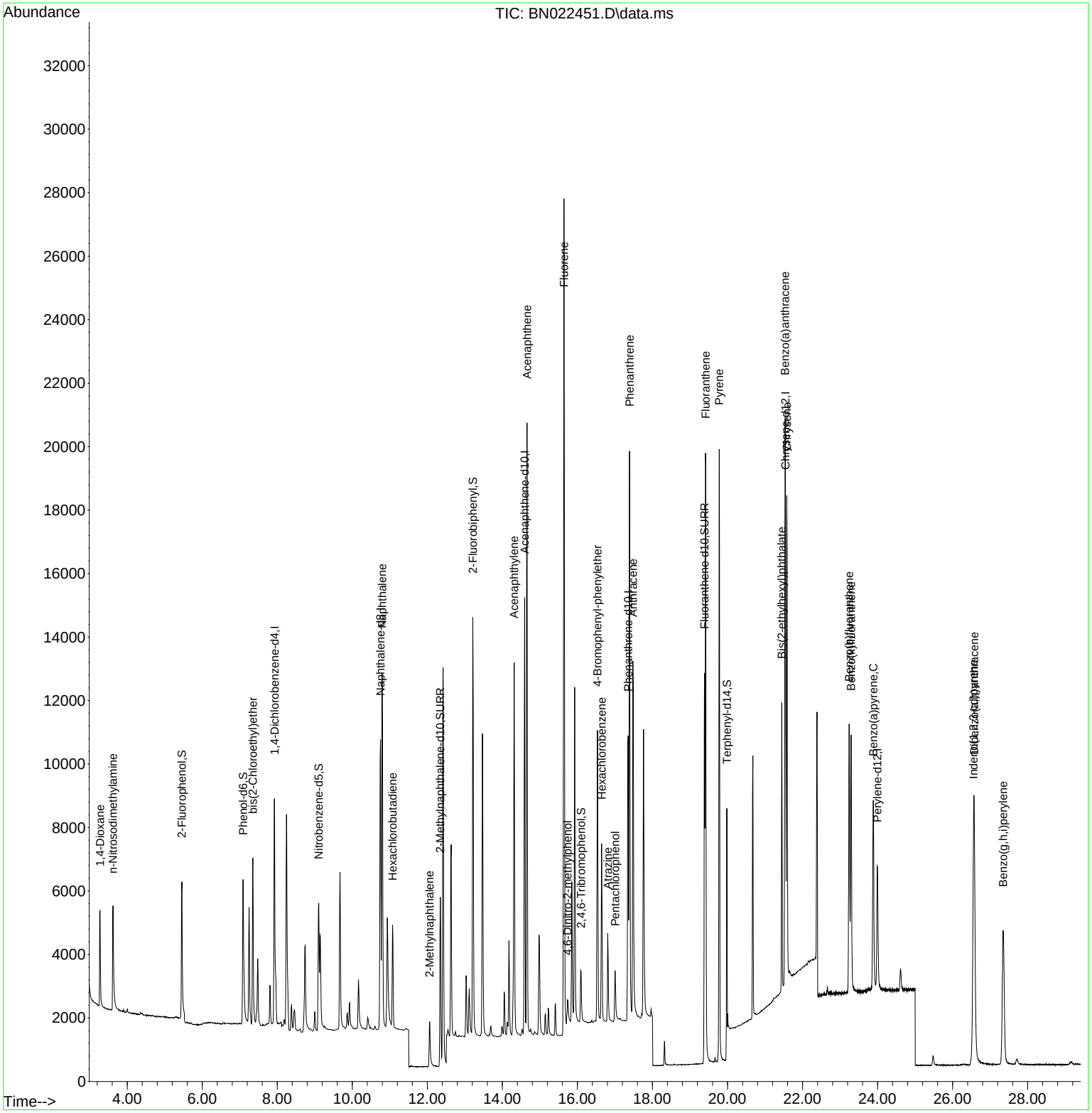
(#) = qualifier out of range (m) = manual integration (+) = signals summed

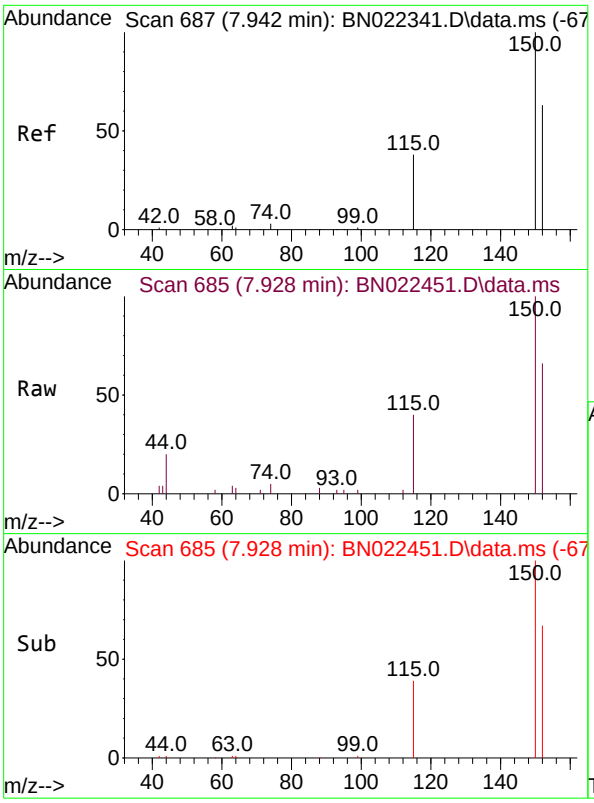
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022451.D
Acq On : 02 Nov 2022 02:41
Operator : CG/JU
Sample : PB148507BSD
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Quant Time: Nov 02 05:40:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration



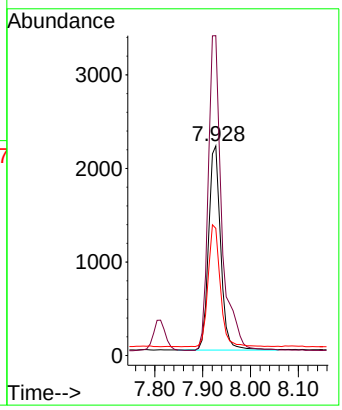


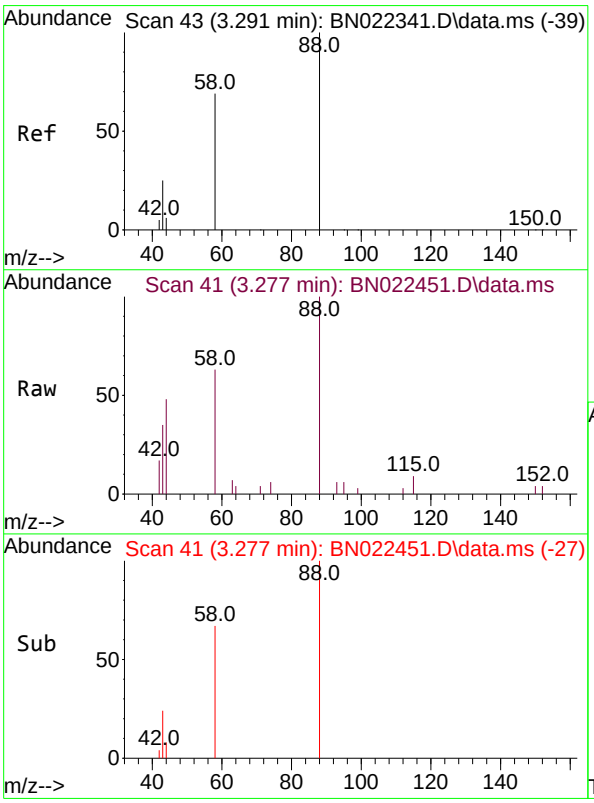
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 68
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:152 Resp: 3841

Ion	Ratio	Lower	Upper
152	100		
150	152.6	125.2	187.8
115	60.7	52.0	78.0

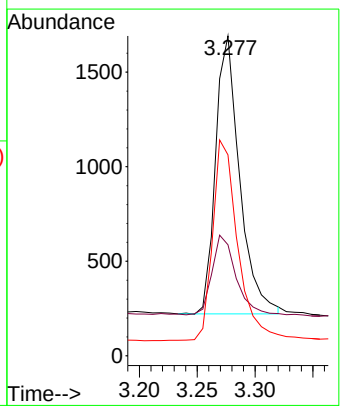


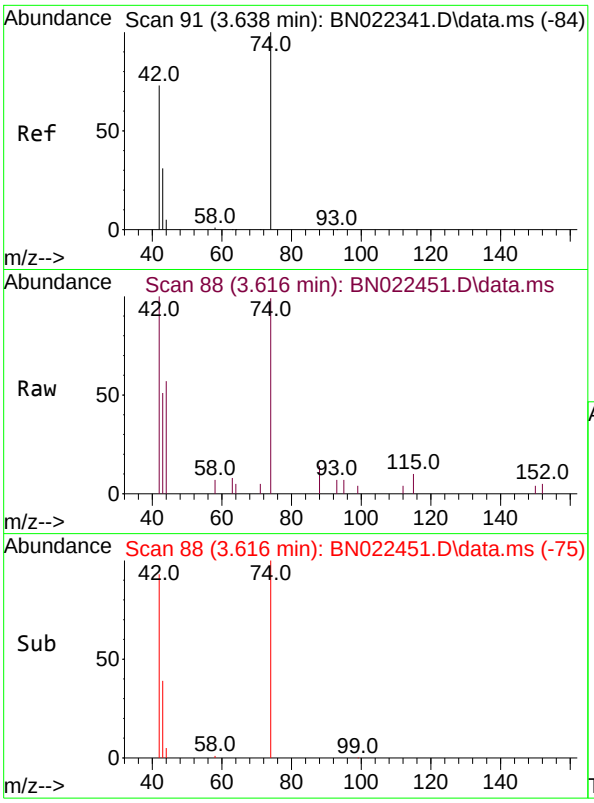


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.277 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion: 88 Resp: 2129

Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.6	33.8
58	75.2	59.7	89.5



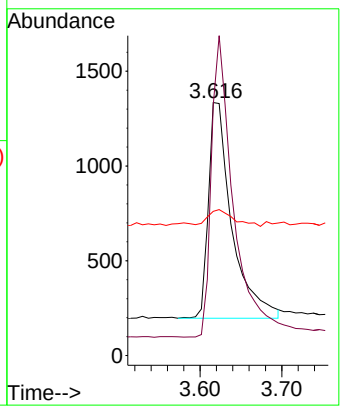


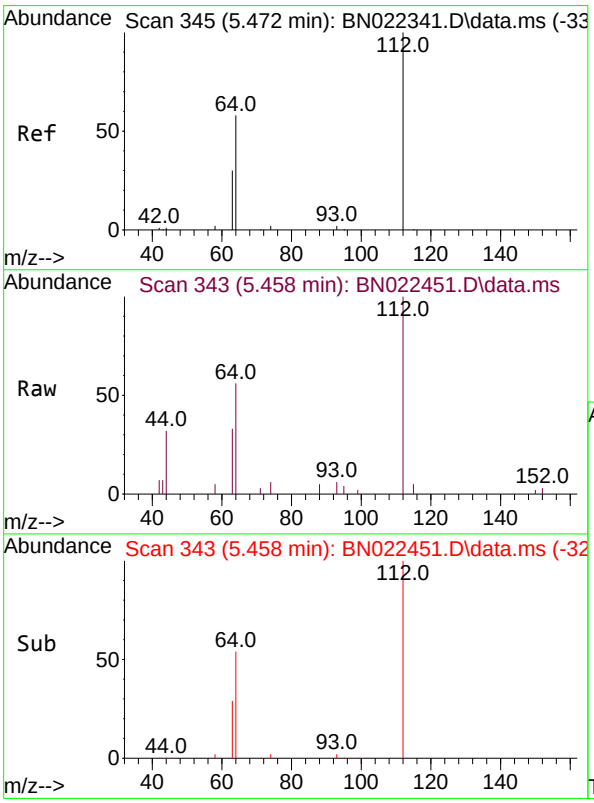
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.616 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion: 42 Resp: 2265

Ion	Ratio	Lower	Upper
42	100		
74	131.7	105.6	158.4
44	8.5	7.1	10.7

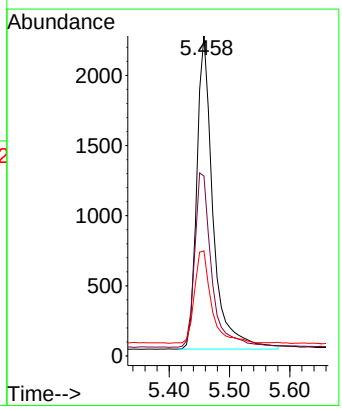


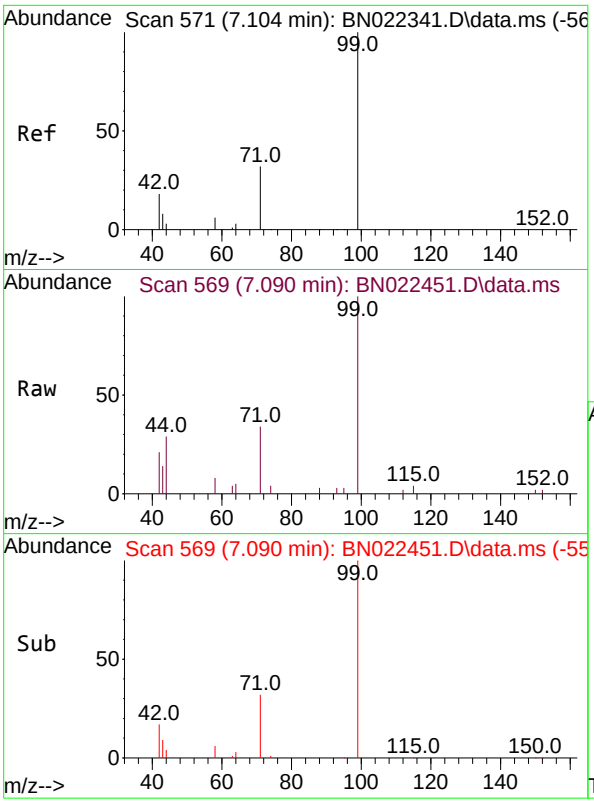


#4
2-Fluorophenol
Concen: 0.408 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:112 Resp: 4178

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.0	70.4
63	30.9	24.5	36.7



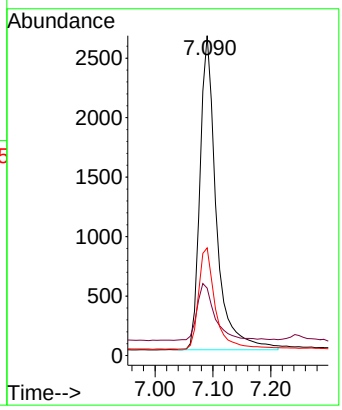


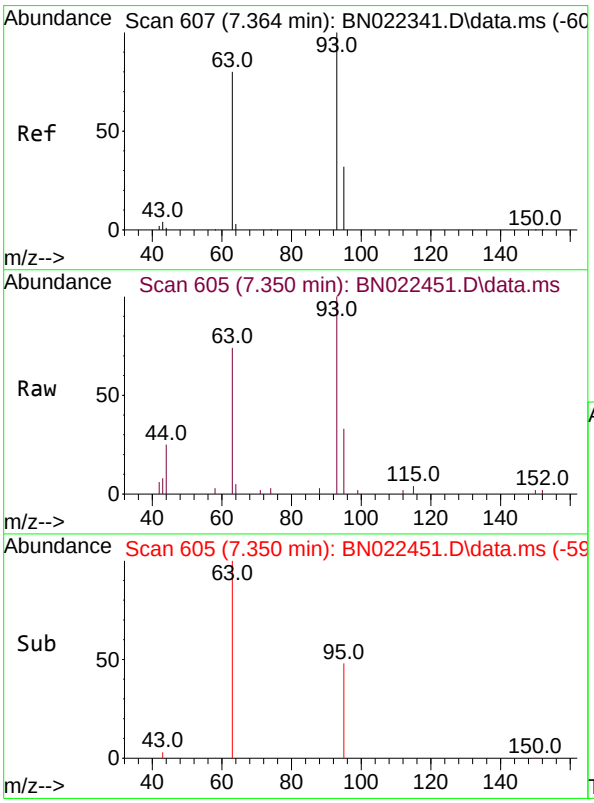
#5
Phenol-d6
Concen: 0.403 ng
RT: 7.090 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion: 99 Resp: 5174

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.3	24.5
71	33.3	26.1	39.1

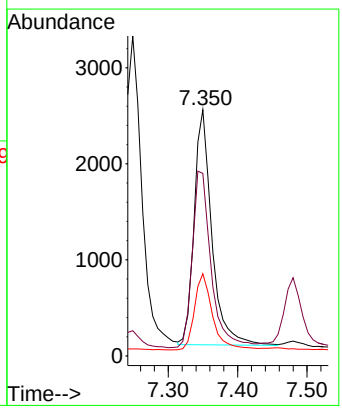


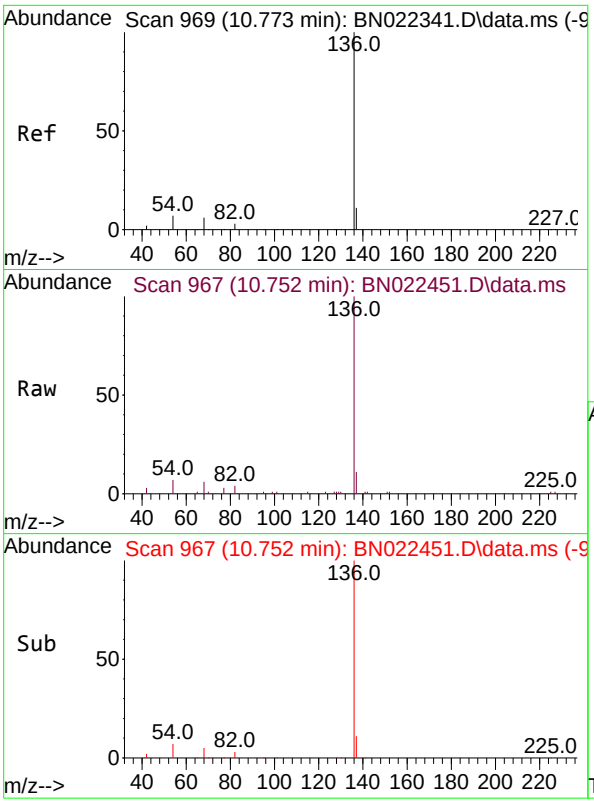


#6
bis(2-Chloroethyl)ether
Concen: 0.352 ng
RT: 7.350 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion: 93 Resp: 4329

Ion	Ratio	Lower	Upper
93	100		
63	80.0	62.6	93.8
95	33.2	26.1	39.1



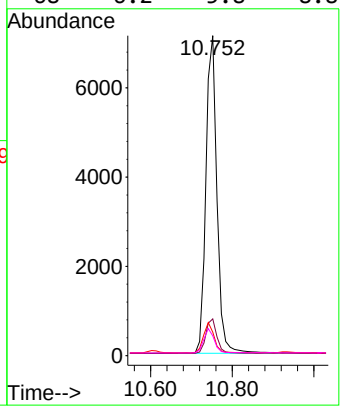


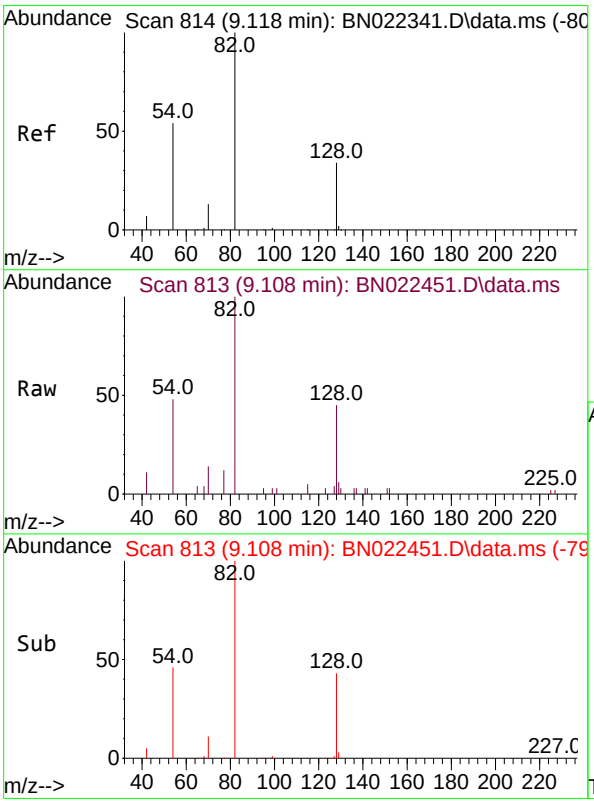
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:136 Resp: 13326

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	7.3	6.5	9.7
68	6.2	5.8	8.8

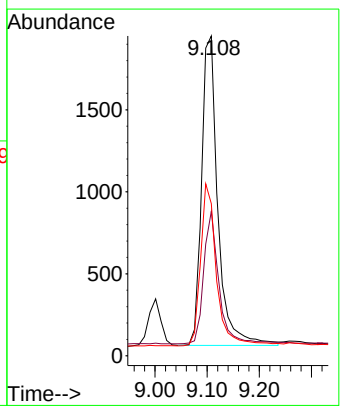


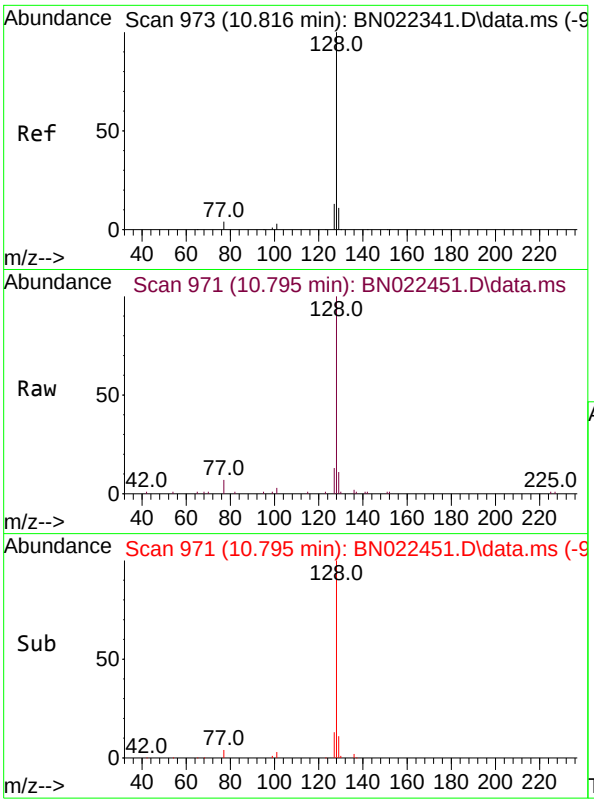


#8
Nitrobenzene-d5
Concen: 0.356 ng
RT: 9.108 min Scan# 813
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion: 82 Resp: 4105

Ion	Ratio	Lower	Upper
82	100		
128	45.2	30.5	45.7
54	47.6	45.2	67.8



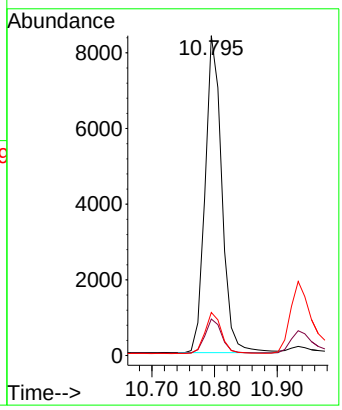


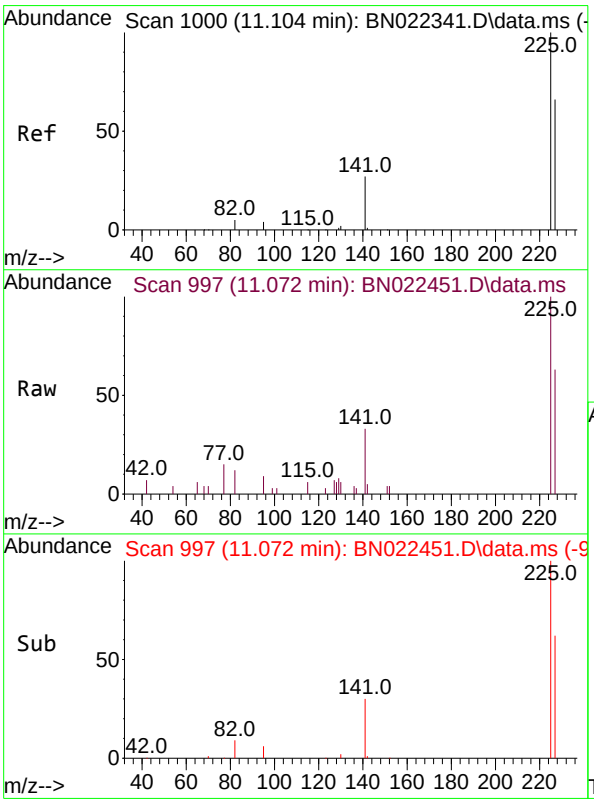
#9
Naphthalene
Concen: 0.391 ng
RT: 10.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:128 Resp: 15579

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.2
127	13.5	11.0	16.6

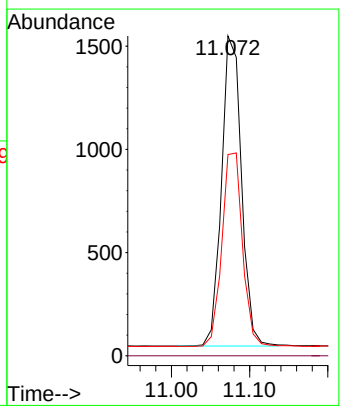


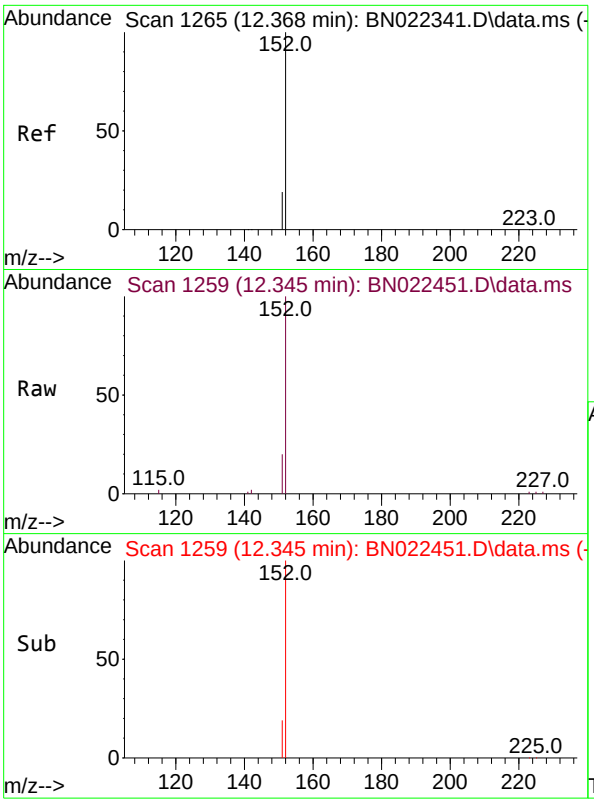


#10
Hexachlorobutadiene
Concen: 0.395 ng
RT: 11.072 min Scan# 997
Delta R.T. -0.011 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:225 Resp: 2671

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.3	76.9



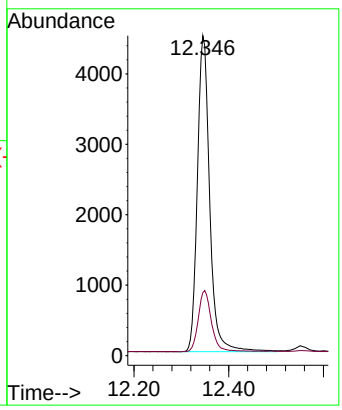


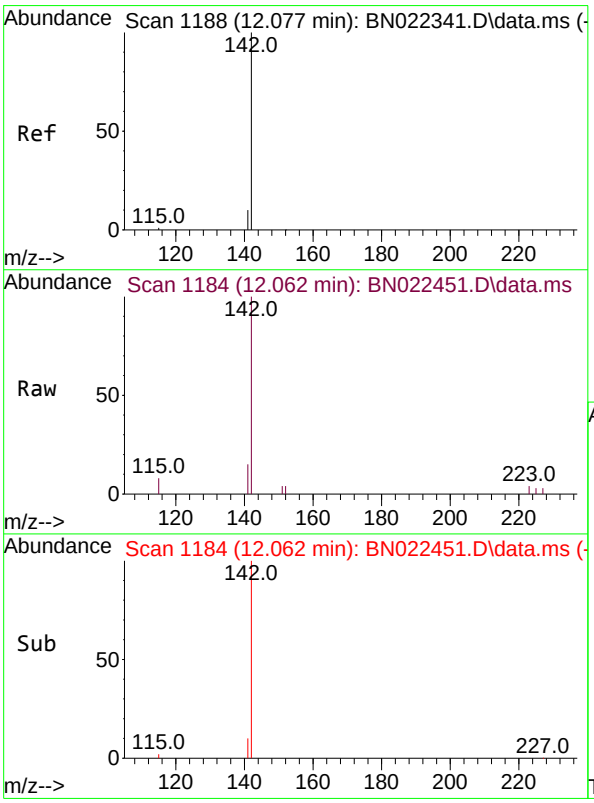
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 12.345 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:152 Resp: 8082

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

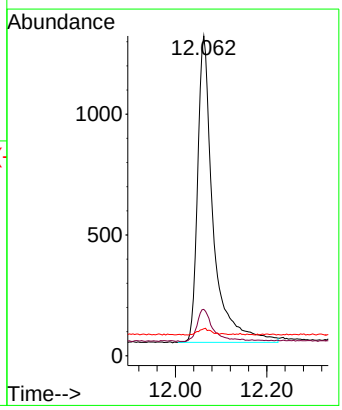


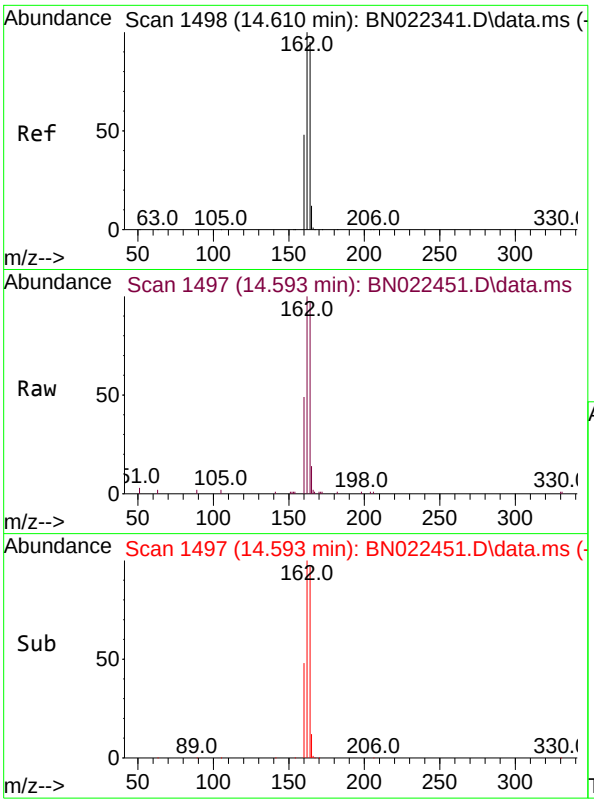


#12
2-Methylnaphthalene
Concen: 0.375 ng
RT: 12.062 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:142 Resp: 2976

Ion	Ratio	Lower	Upper
142	100		
141	14.5	13.0	19.4
115	8.5	9.1	13.7#



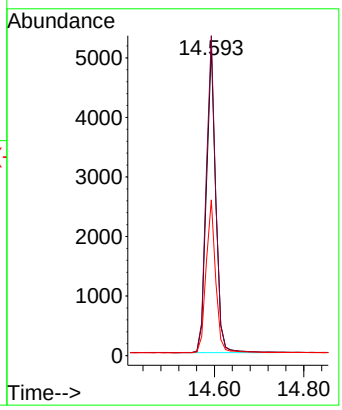


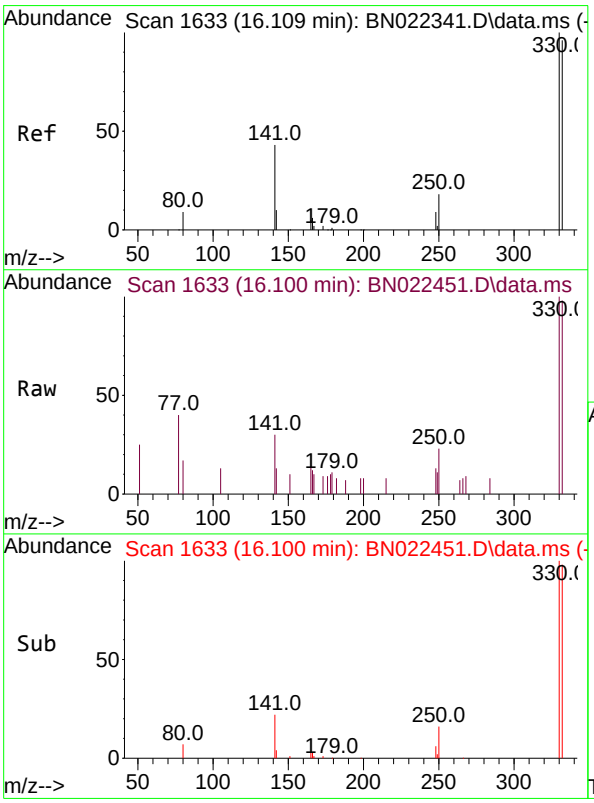
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.593 min Scan# 14
Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:164 Resp: 7519

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.9	125.9
160	50.4	41.0	61.4

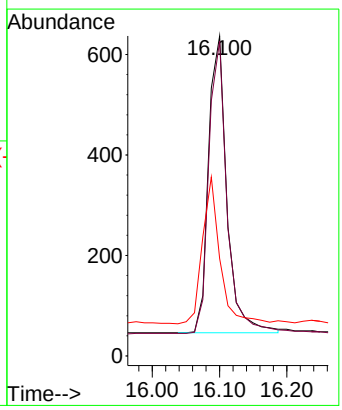


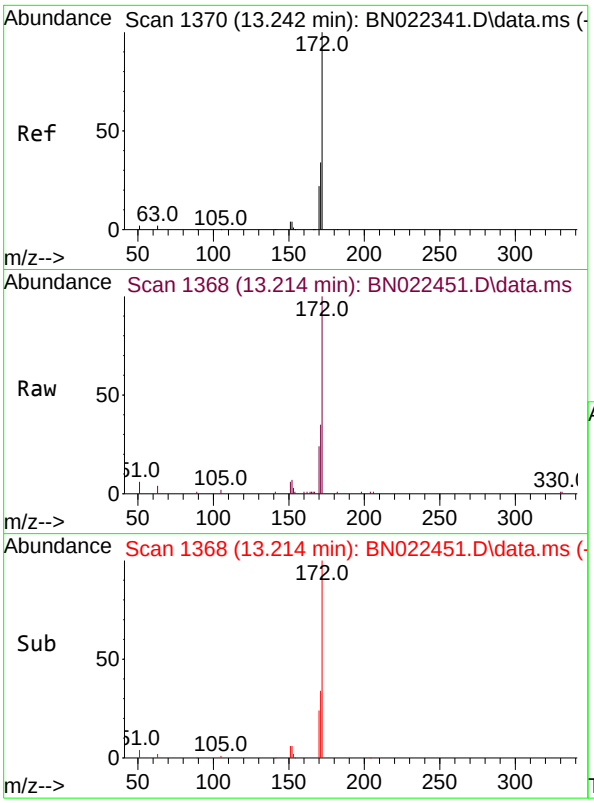


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 16.100 min Scan# 1633
Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:330 Resp: 1121

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.6	118.0
141	47.5	40.2	60.4



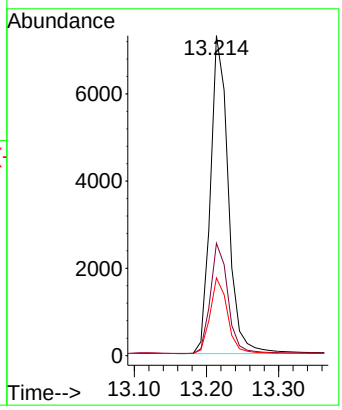


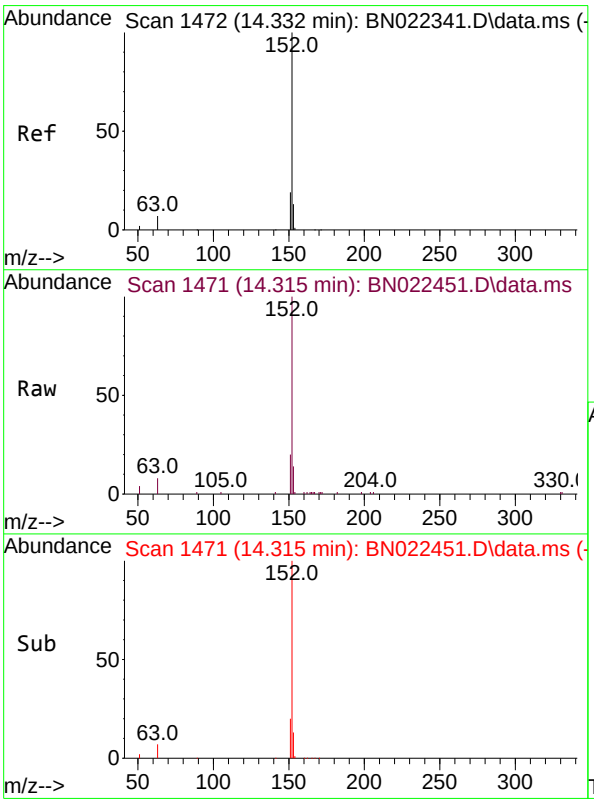
#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.214 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:172 Resp: 12493

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.4	41.0
170	24.3	18.5	27.7

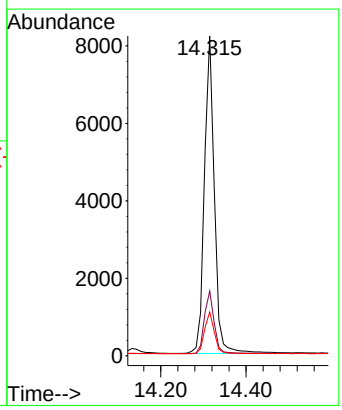


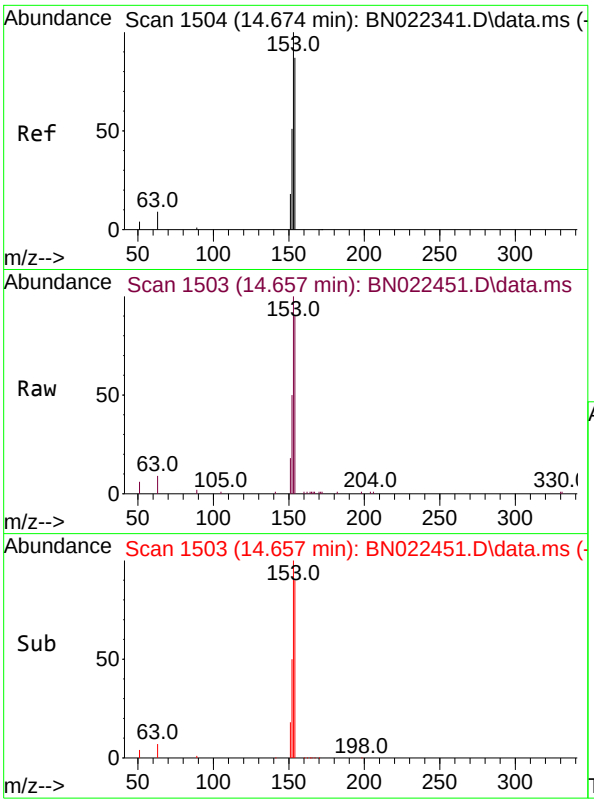


#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.315 min Scan# 1471
Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:152 Resp: 13338

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.2	22.8
153	13.2	10.3	15.5





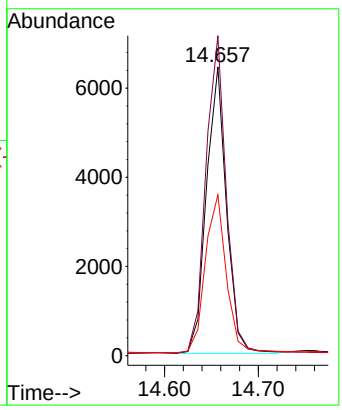
#17
Acenaphthene
Concen: 0.384 ng
RT: 14.657 min Scan# 1

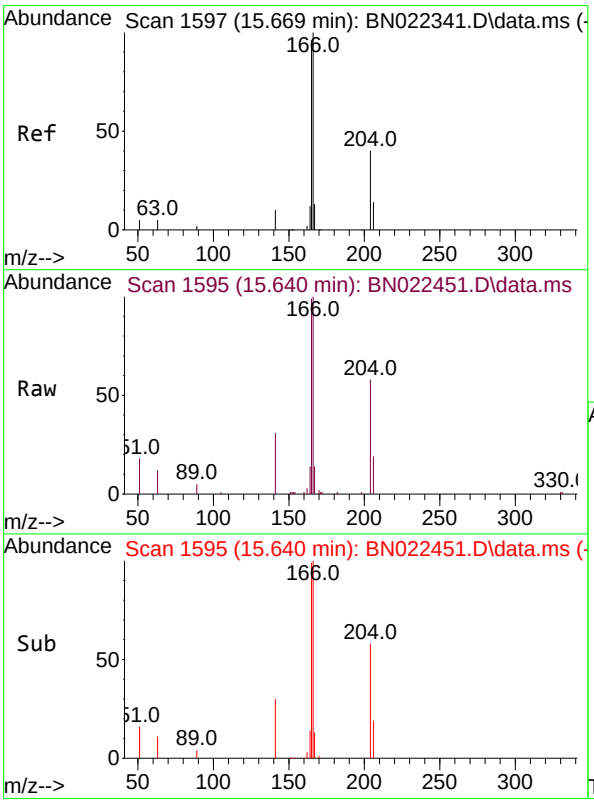
Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:154 Resp: 9543

Ion	Ratio	Lower	Upper
154	100		
153	113.5	92.2	138.2
152	58.0	47.6	71.4

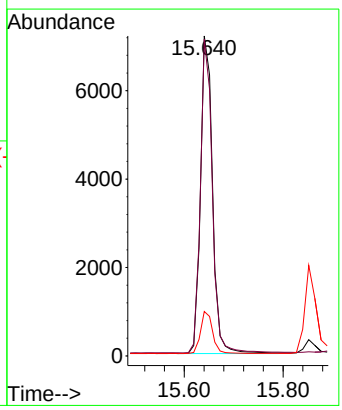


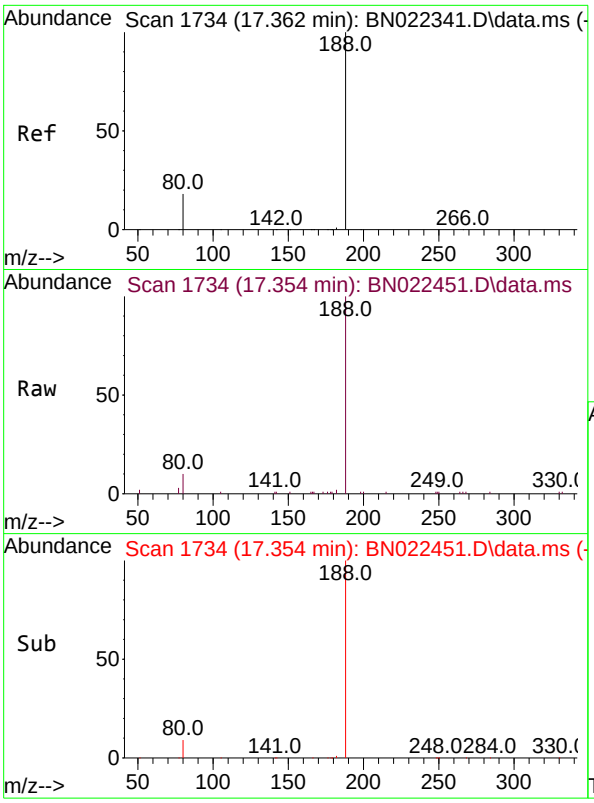


#18
Fluorene
Concen: 0.368 ng
RT: 15.640 min Scan# 1595
Delta R.T. -0.007 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:166 Resp: 12746

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	118.0
167	13.0	10.2	15.4



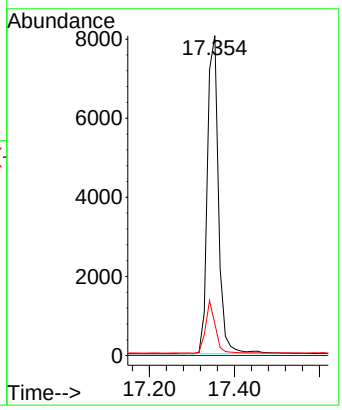


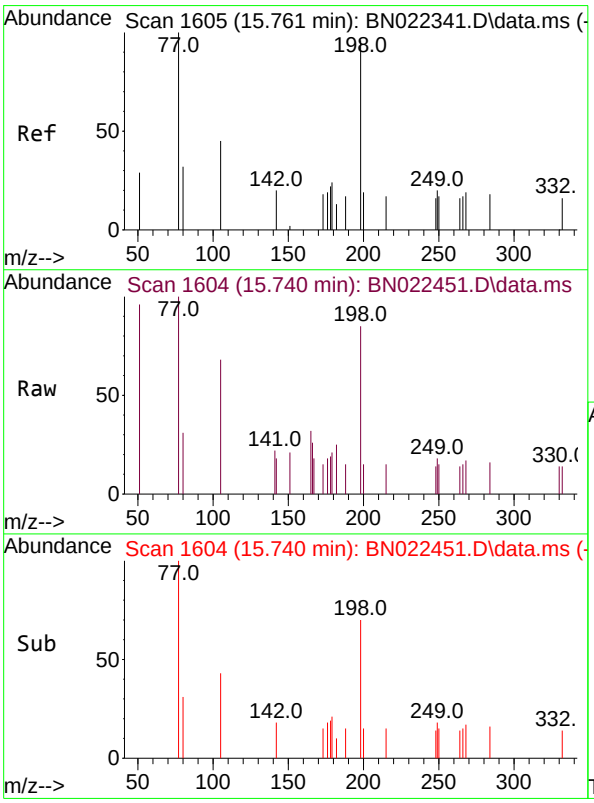
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.354 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:188 Resp: 14537

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	15.0	22.6#

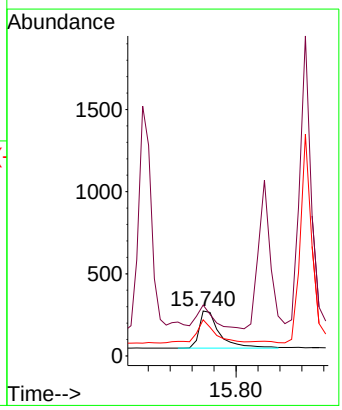


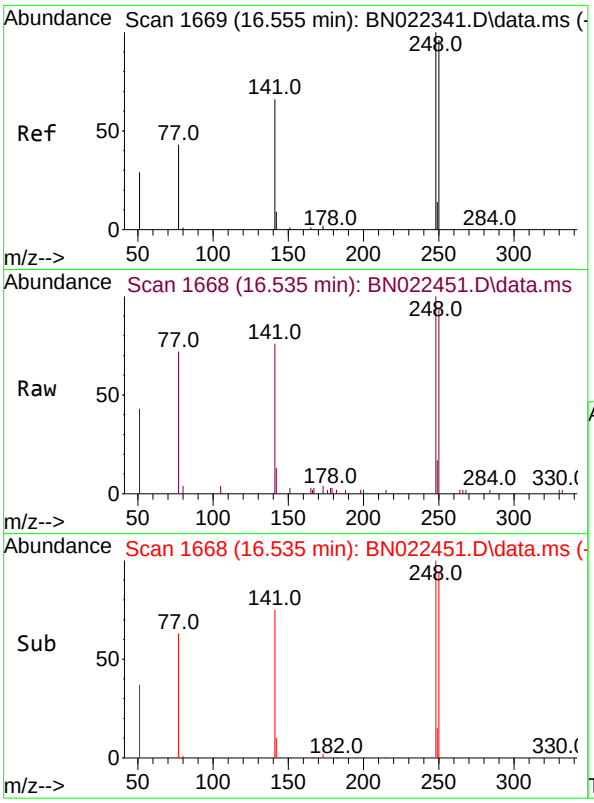


#20
4,6-Dinitro-2-methylphenol
Concen: 0.243 ng
RT: 15.740 min Scan# 1604
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:198 Resp: 566

Ion	Ratio	Lower	Upper
198	100		
51	113.1	74.1	111.1#
105	80.3	58.8	88.2



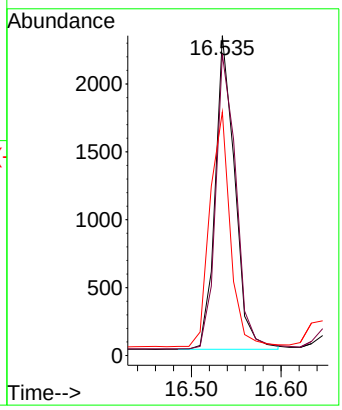


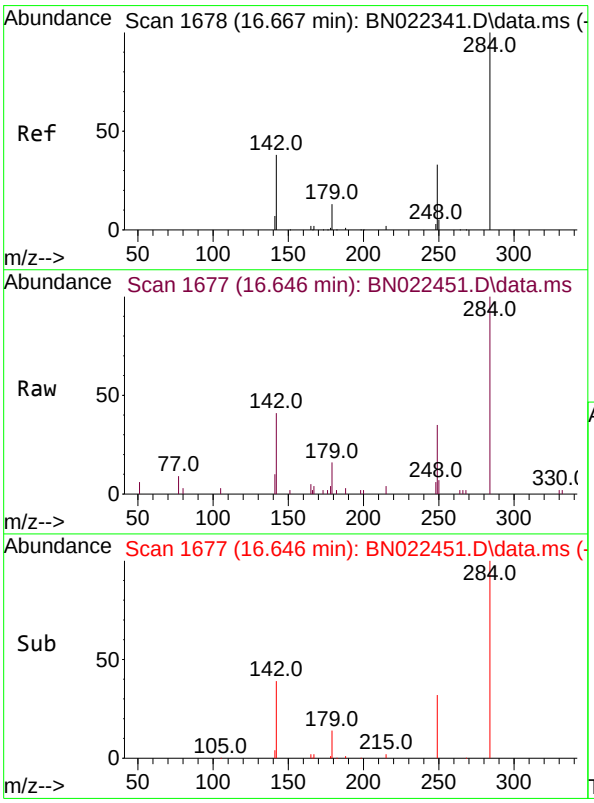
#21
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.535 min Scan# 1(
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:248 Resp: 3509

Ion	Ratio	Lower	Upper
248	100		
250	94.2	77.5	116.3
141	76.1	54.5	81.7

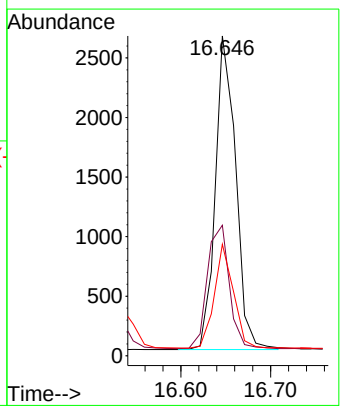


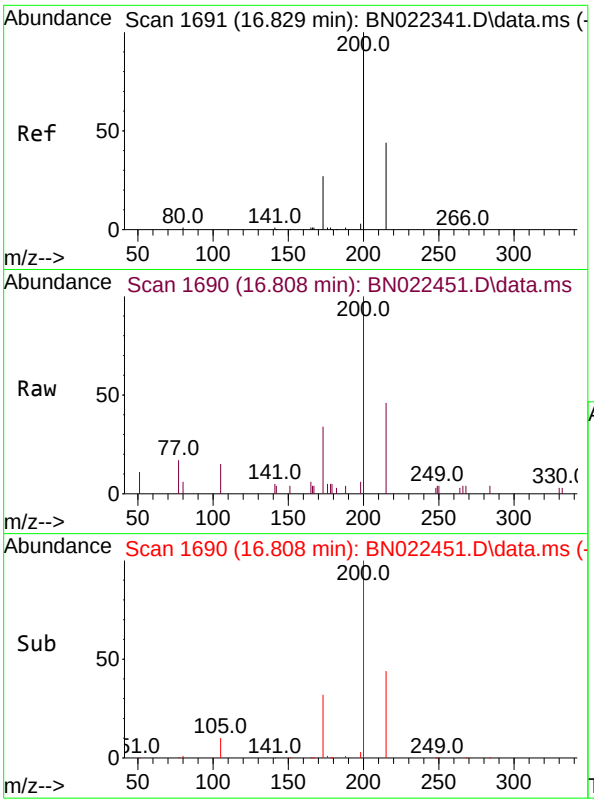


#22
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.646 min Scan# 1677
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:284 Resp: 4156

Ion	Ratio	Lower	Upper
284	100		
142	42.3	33.8	50.8
249	30.8	25.5	38.3



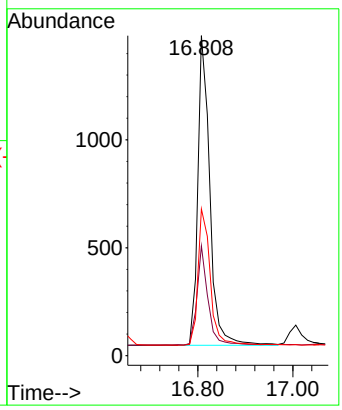


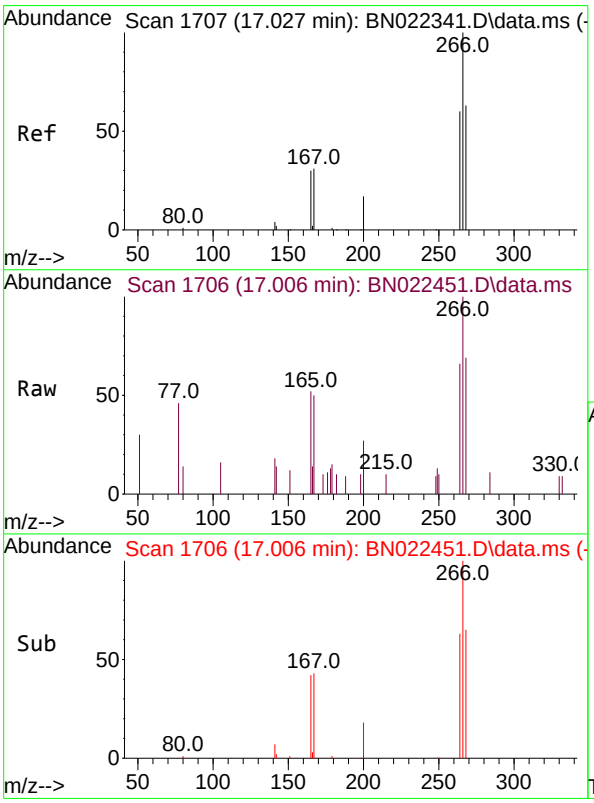
#23
Atrazine
Concen: 0.342 ng
RT: 16.808 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:200 Resp: 2509

Ion	Ratio	Lower	Upper
200	100		
173	34.3	23.7	35.5
215	45.9	36.6	55.0

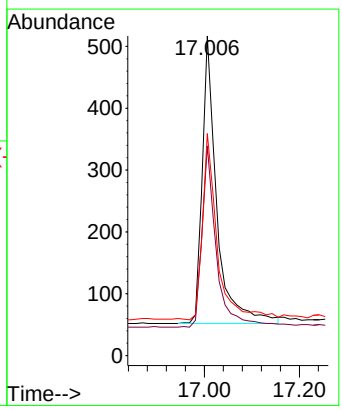


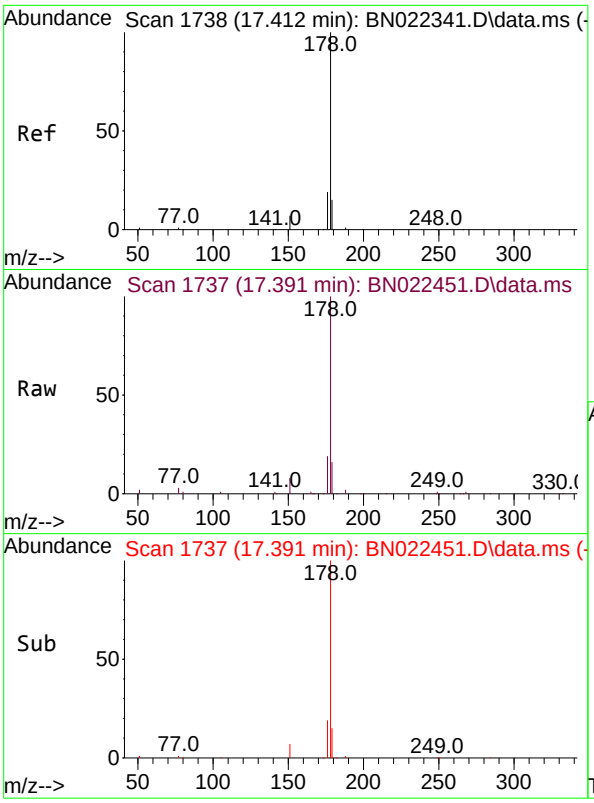


#24
Pentachlorophenol
Concen: 0.238 ng
RT: 17.006 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:266 Resp: 989

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.1	73.7
268	64.5	49.6	74.4



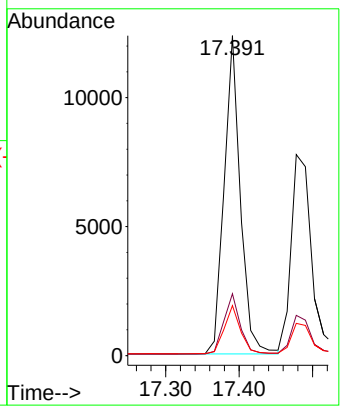


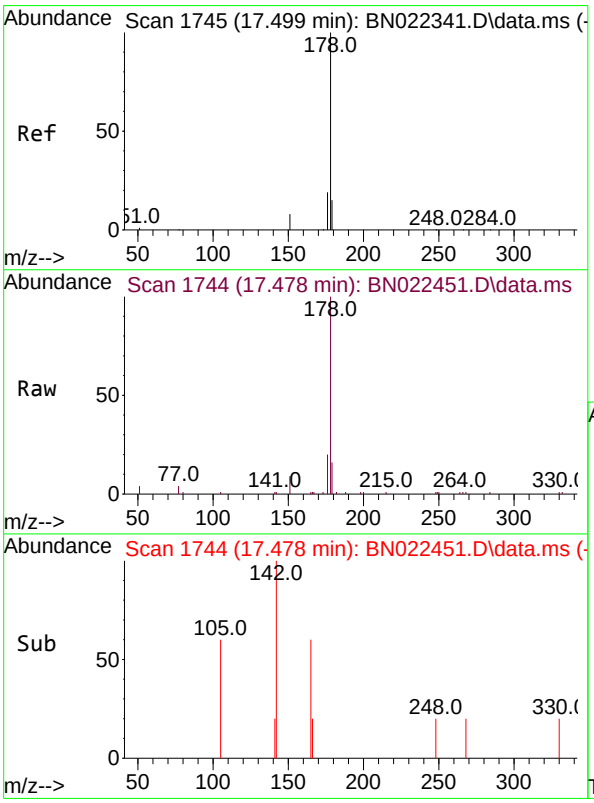
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.391 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:178 Resp: 19013

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.5	18.7

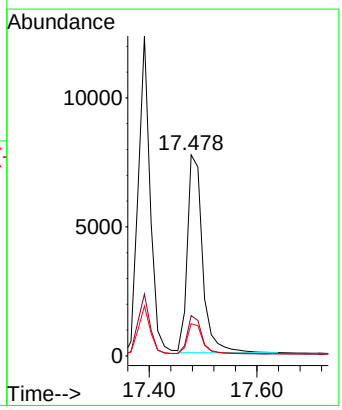


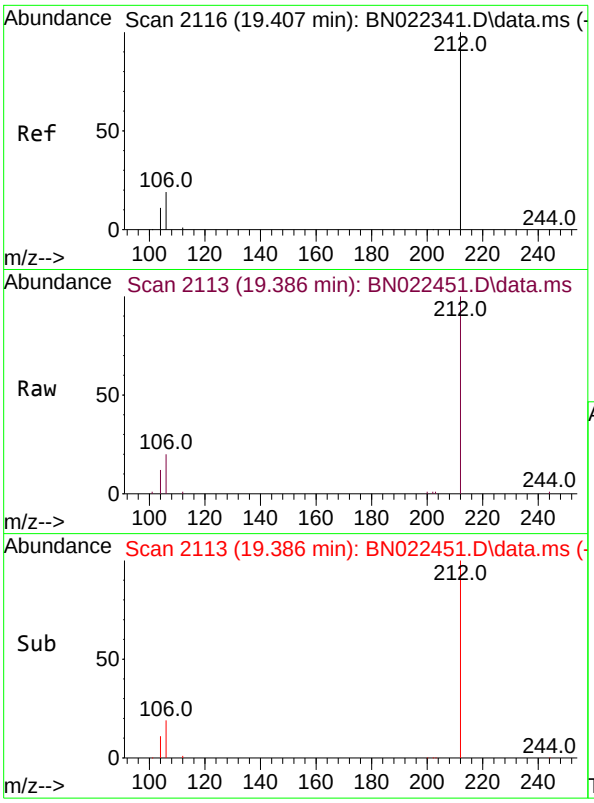


#26
Anthracene
Concen: 0.358 ng
RT: 17.478 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:178 Resp: 15021

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.2	18.4



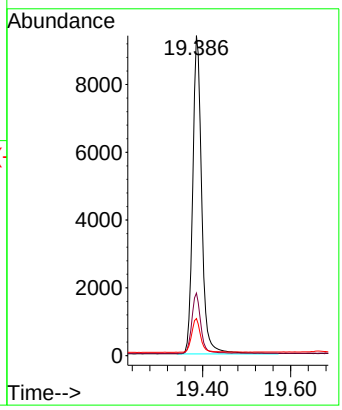


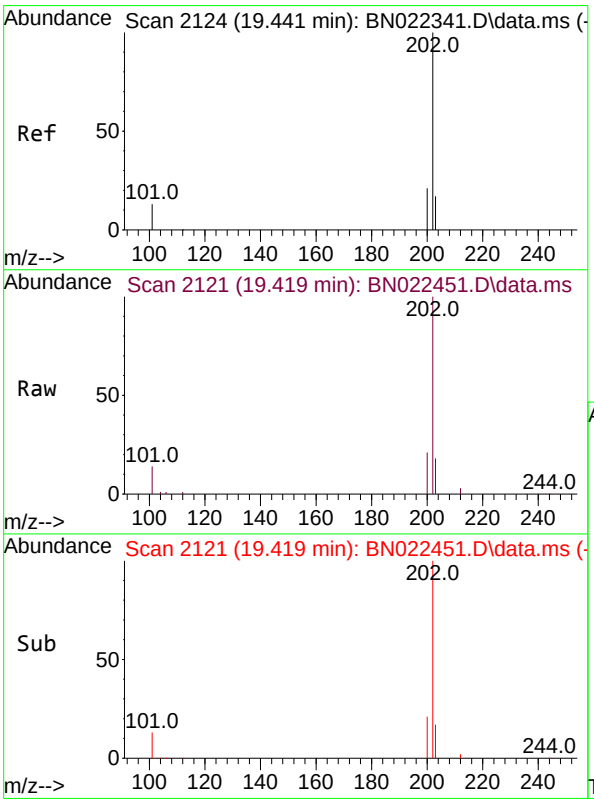
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.386 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:212 Resp: 13337

Ion	Ratio	Lower	Upper
212	100		
106	18.8	15.0	22.4
104	10.5	9.3	13.9

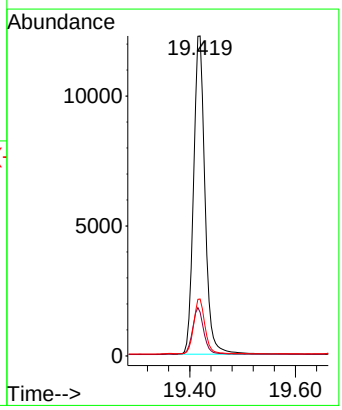


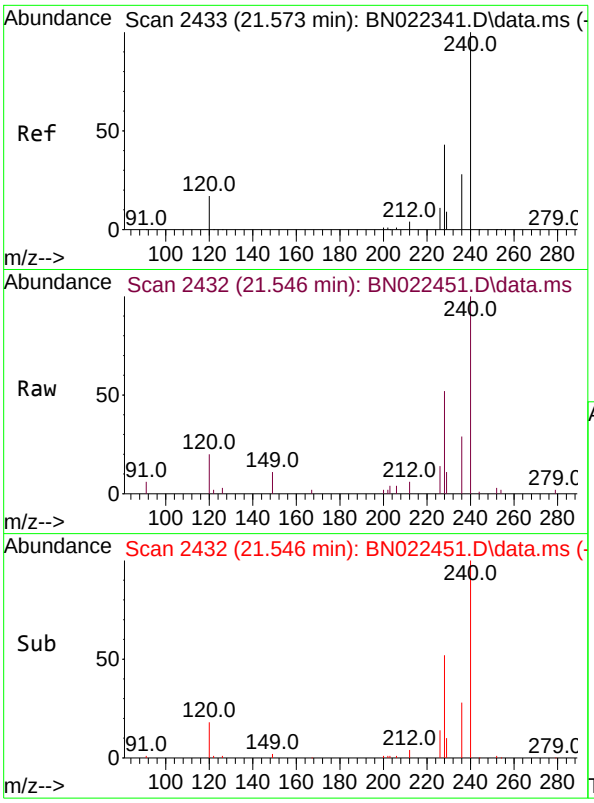


#28
Fluoranthene
Concen: 0.338 ng
RT: 19.419 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:202 Resp: 18275

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.4	17.0
203	16.9	13.7	20.5



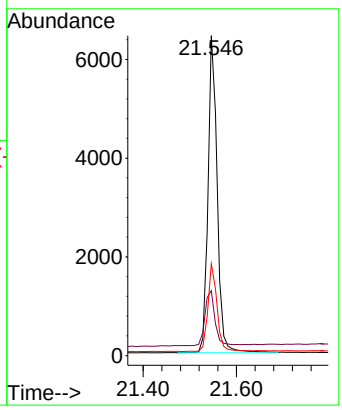


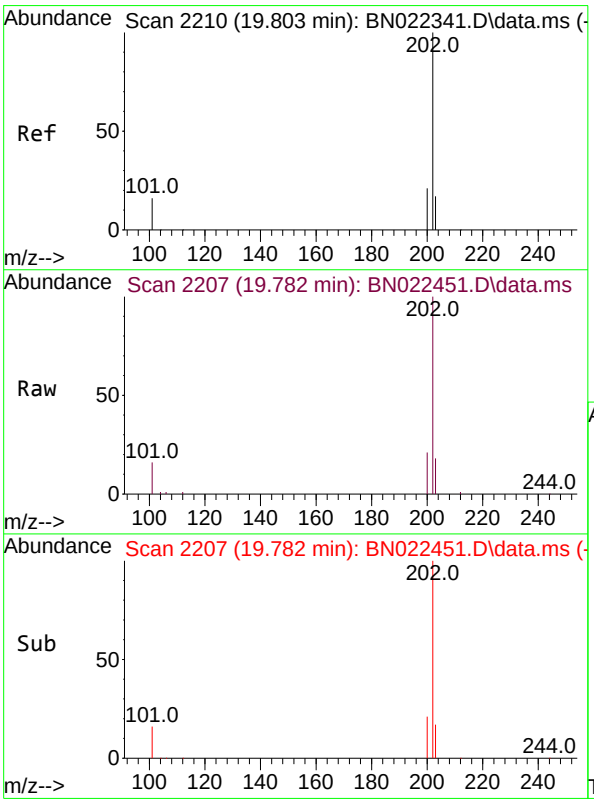
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.546 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:240 Resp: 8787

Ion	Ratio	Lower	Upper
240	100		
120	20.3	15.8	23.6
236	28.7	23.2	34.8

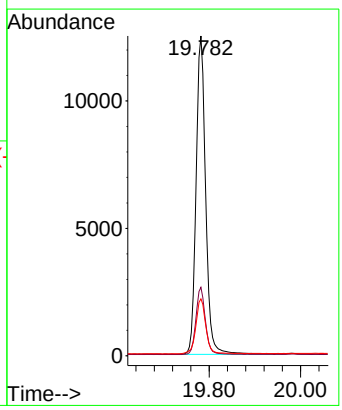


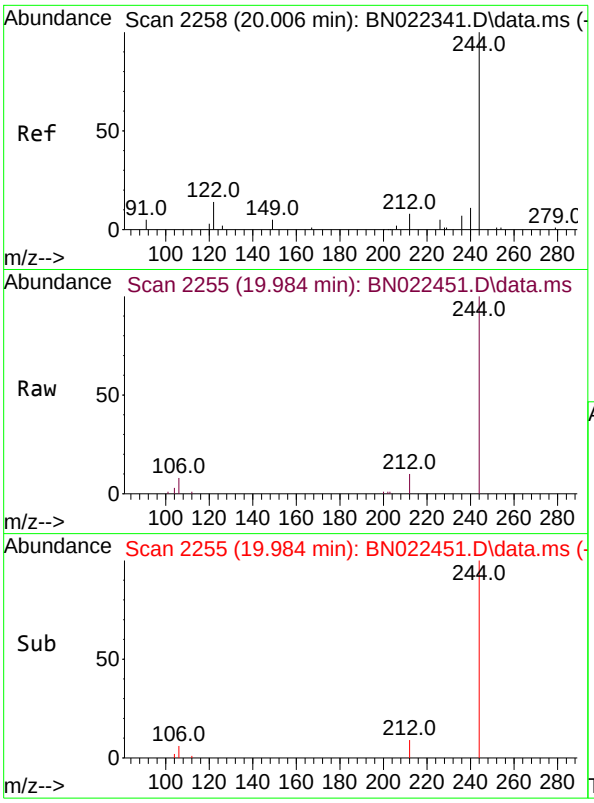


#30
Pyrene
Concen: 0.448 ng
RT: 19.782 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:202 Resp: 18100

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.8	14.2	21.2



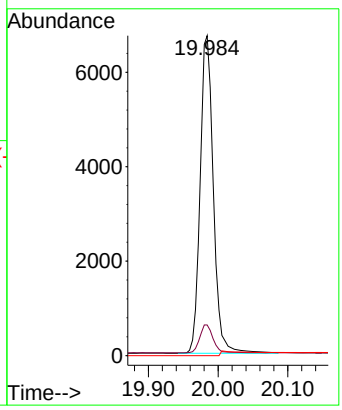


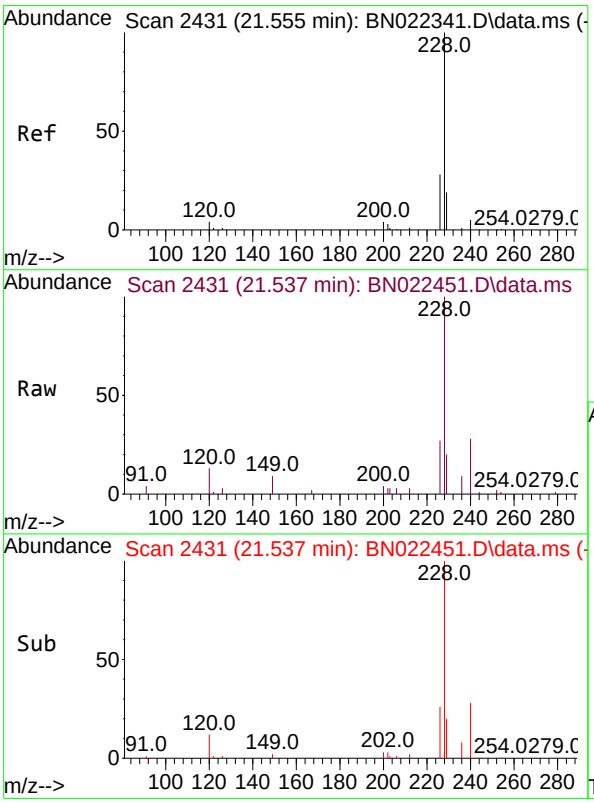
#31
Terphenyl-d14
Concen: 0.540 ng
RT: 19.984 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:244 Resp: 12368

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.0	10.4
122	0.0	11.5	17.3#

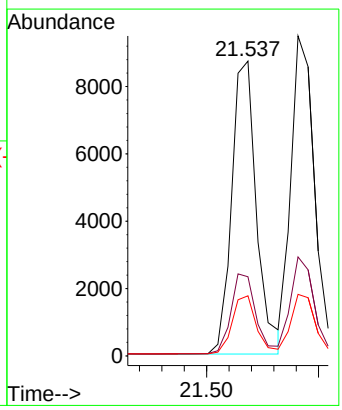


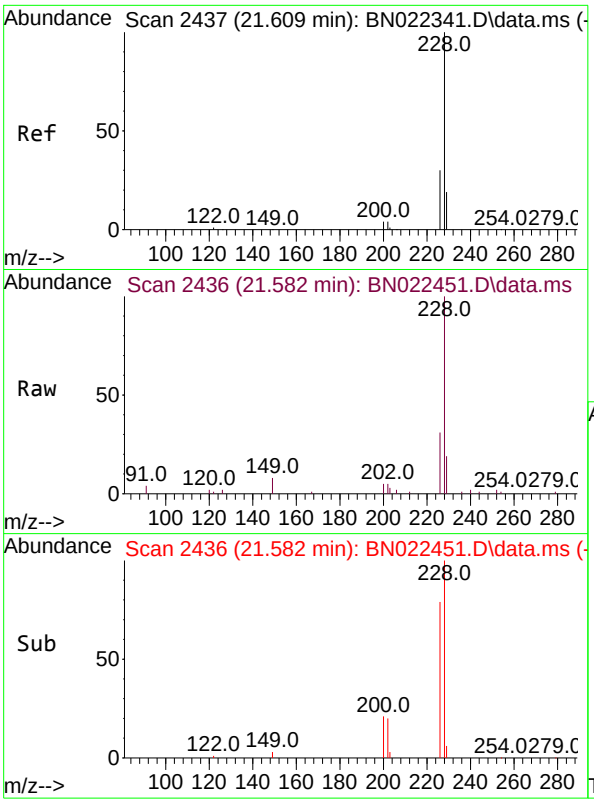


#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.537 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:228 Resp: 13390

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	34.0
229	20.4	15.5	23.3



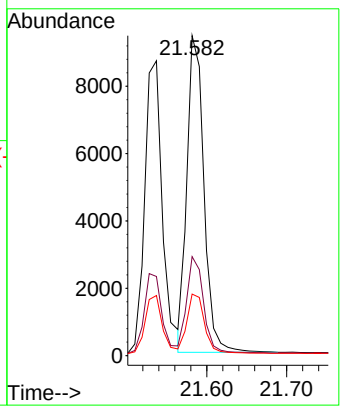


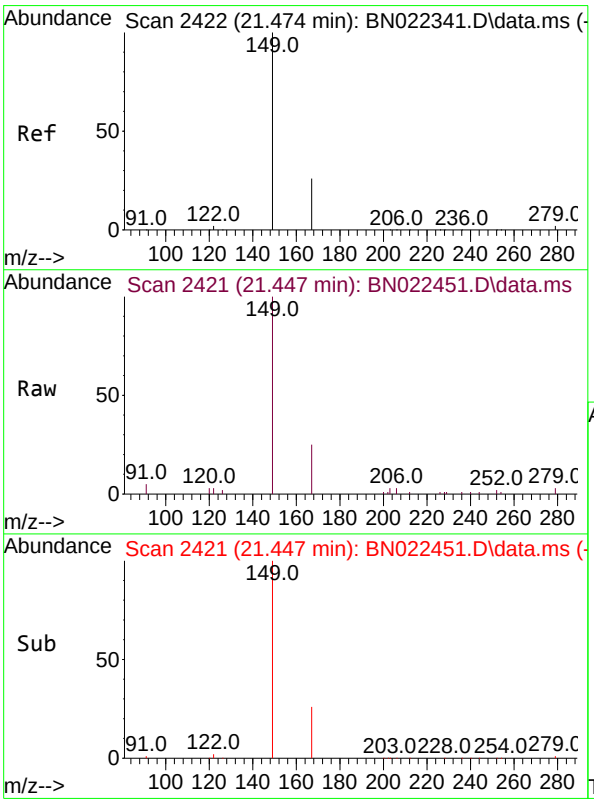
#33
Chrysene
Concen: 0.384 ng
RT: 21.582 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:228 Resp: 13901

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	19.2	15.6	23.4

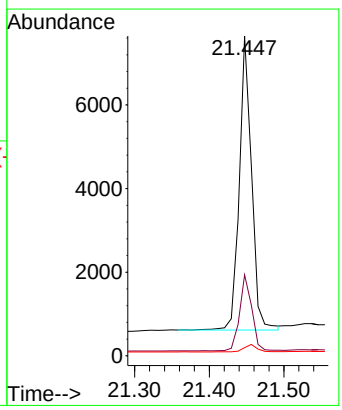


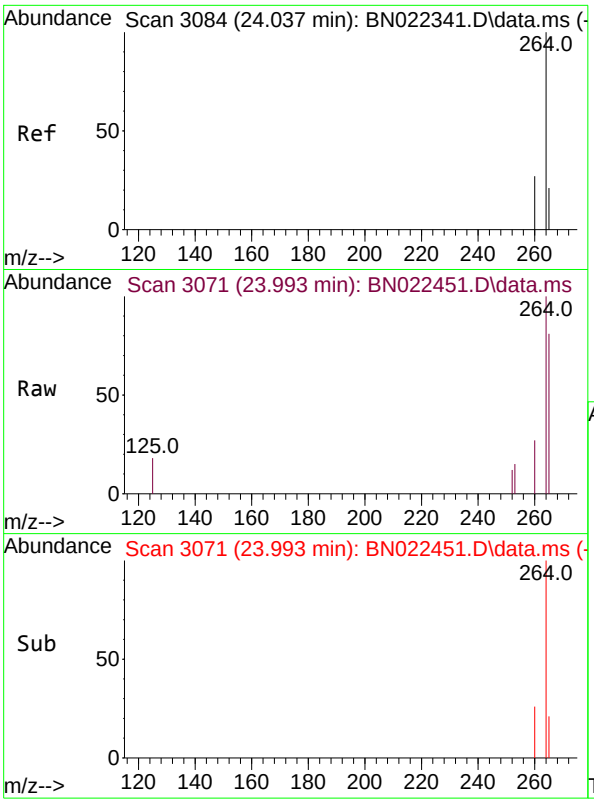


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.313 ng
RT: 21.447 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:149 Resp: 8008

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.2	30.4
279	2.7	2.3	3.5



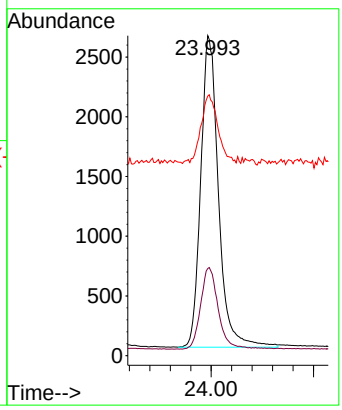


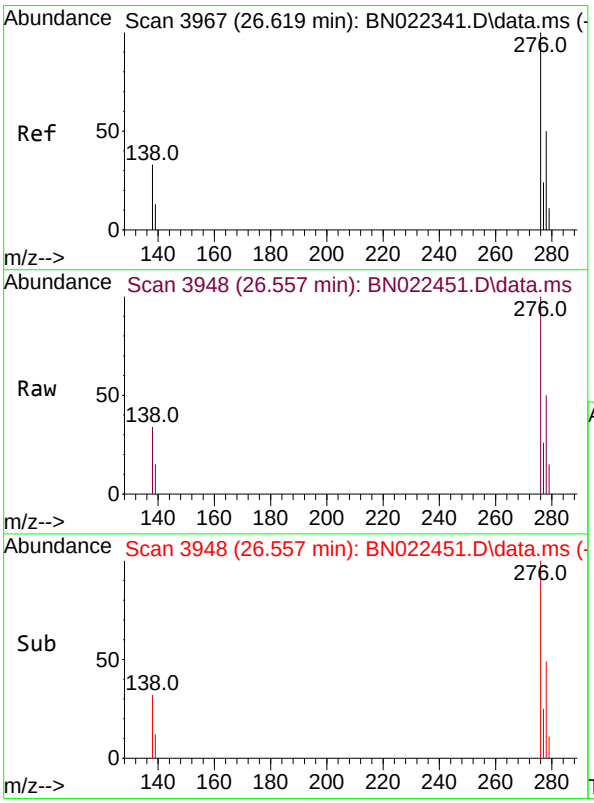
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.993 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:264 Resp: 6252

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	81.1	53.0	79.4#

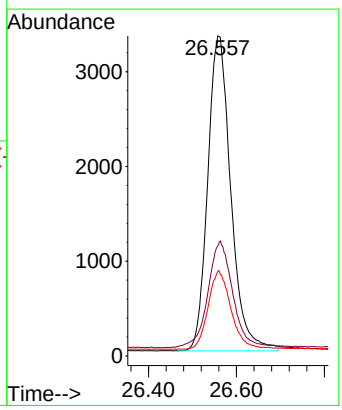


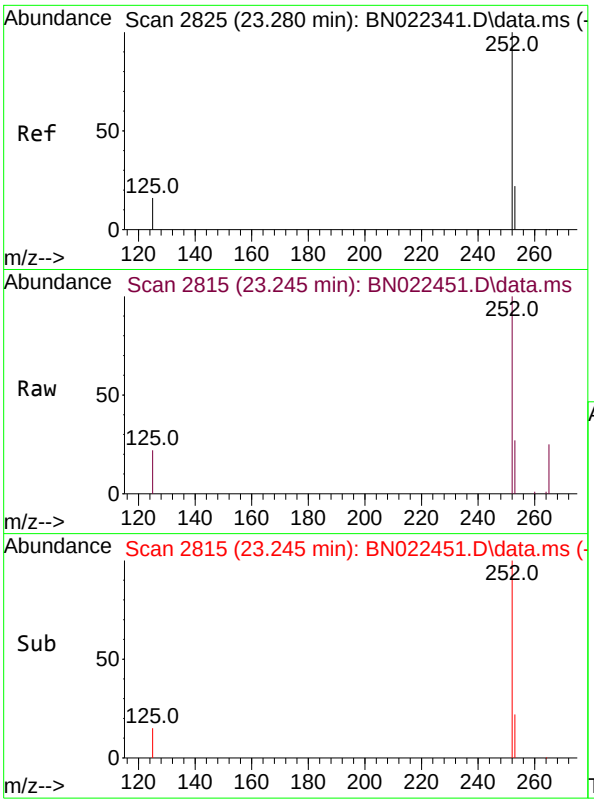


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng
RT: 26.557 min Scan# 3948
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:276 Resp: 12136

Ion	Ratio	Lower	Upper
276	100		
138	35.9	28.2	42.2
277	24.4	19.7	29.5



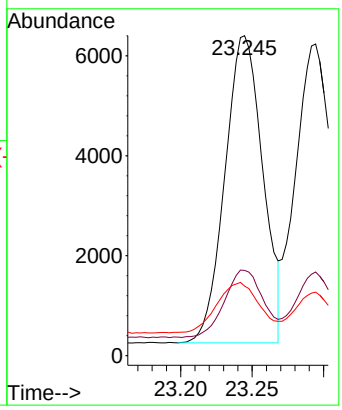


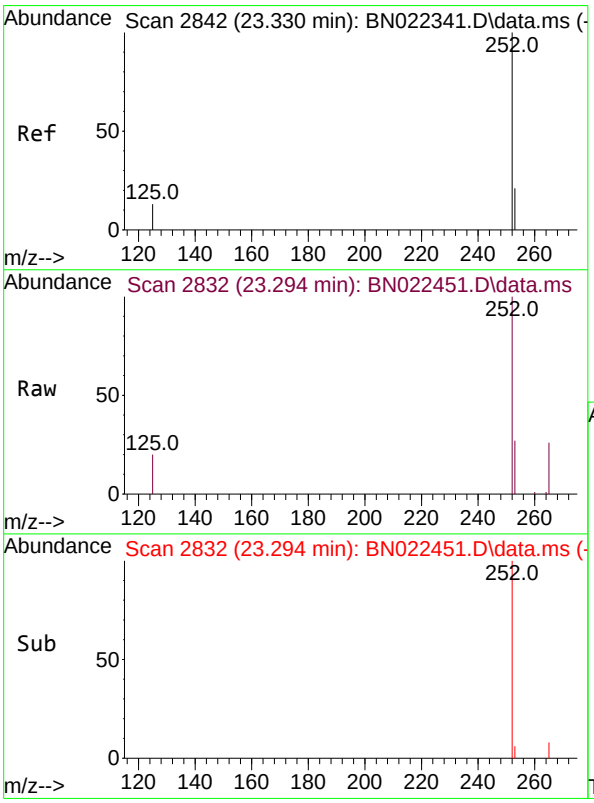
#37
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 23.245 min Scan# 28
Delta R.T. -0.003 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:252 Resp: 11328

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.4	30.6
125	21.7	16.6	25.0

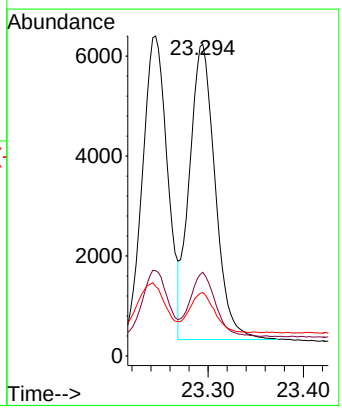


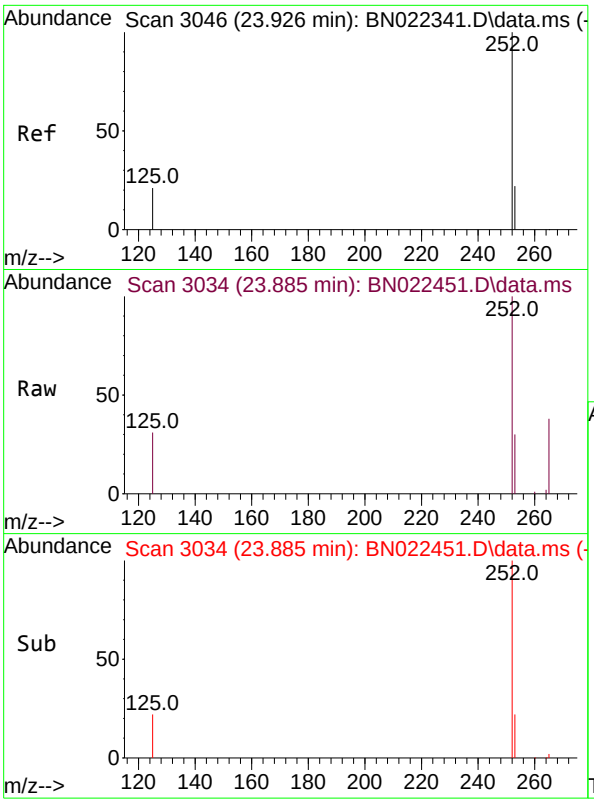


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 23.294 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:252 Resp: 11121

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.8	29.8
125	20.4	15.0	22.6



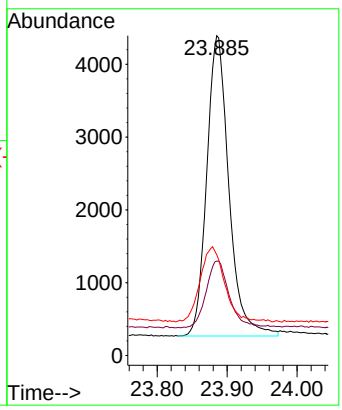


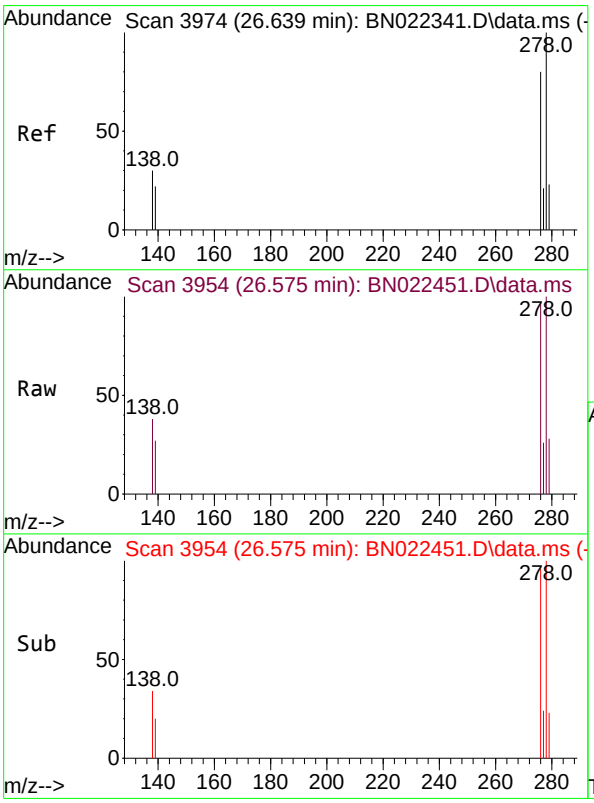
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.885 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:252 Resp: 9083

Ion	Ratio	Lower	Upper
252	100		
253	29.5	21.9	32.9
125	31.5	22.9	34.3

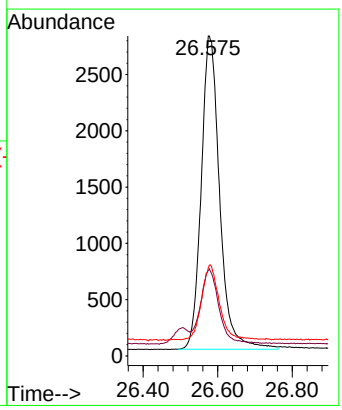


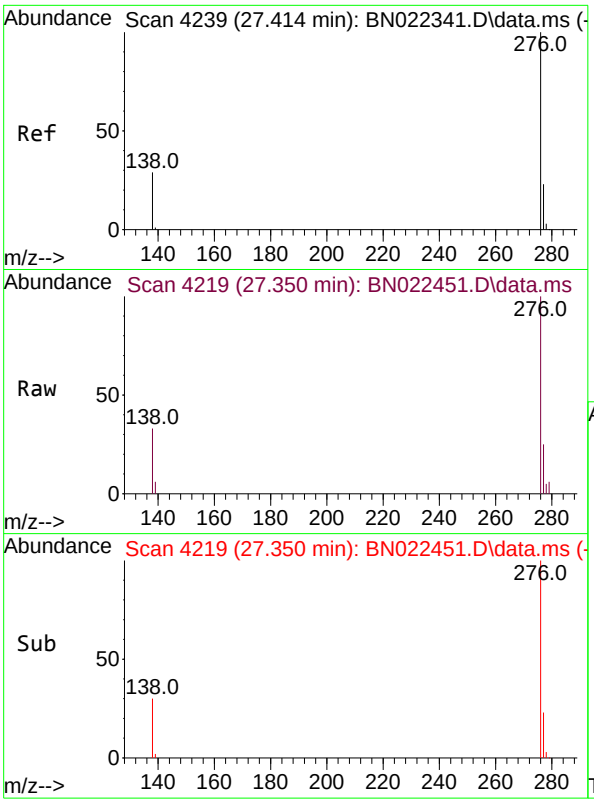


#40
Dibenzo(a,h)anthracene
Concen: 0.397 ng
RT: 26.575 min Scan# 3954
Delta R.T. -0.012 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Tgt Ion:278 Resp: 9565

Ion	Ratio	Lower	Upper
278	100		
139	26.6	20.2	30.2
279	27.5	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.399 ng
RT: 27.350 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN022451.D
Acq: 02 Nov 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB148507BSD

Tgt Ion:276 Resp: 10156

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	32.7	25.0	37.4