Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031901.D
Acq On : 11 Jun 2024 05:59
Operator : MA/JU
Sample : PB161392BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Quant Time: Jun 11 06:34:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	13020	0.400	ng		0.00
7) Naphthalene-d8	10.443	136	43223	0.400	ng		-0.01
13) Acenaphthene-d10	14.306	164	26920	0.400	ng		-0.01
19) Phenanthrene-d10	17.054	188	61750	0.400	ng		#-0.01
29) Chrysene-d12	21.247	240	49478	0.400	ng		#-0.02
35) Perylene-d12	23.484	264	45796	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	12291	0.332	ng		0.00
5) Phenol-d6	6.844	99	16138	0.332	ng		0.00
8) Nitrobenzene-d5	8.820	82	11923	0.332	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	23611	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.800	330	3660	0.284	ng		-0.01
15) 2-Fluorobiphenyl	12.927	172	35703	0.350	ng		0.00
27) Fluoranthene-d10	19.091	212	54358	0.323	ng		0.00
31) Terphenyl-d14	19.695	244	41962	0.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	5363	0.336	ng		95
3) n-Nitrosodimethylamine	3.529	42	5338	0.352	ng		98
6) bis(2-Chloroethyl)ether	7.097	93	14678	0.351	ng		99
9) Naphthalene	10.496	128	40577	0.349	ng		100
10) Hexachlorobutadiene	10.774	225	6976	0.343	ng	#	98
12) 2-Methylnaphthalene	12.119	142	27570	0.347	ng		98
16) Acenaphthylene	14.028	152	39774	0.320	ng		100
17) Acenaphthene	14.370	154	27386	0.343	ng		99
18) Fluorene	15.354	166	36401	0.341	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	2652	0.378	ng	#	86
21) 4-Bromophenyl-phenylether	16.247	248	11566	0.330	ng	#	77
22) Hexachlorobenzene	16.358	284	12445	0.343	ng		99
23) Atrazine	16.532	200	8967	0.280	ng		96
24) Pentachlorophenol	16.718	266	4514	0.366	ng		99
25) Phenanthrene	17.091	178	59001	0.344	ng		100
26) Anthracene	17.190	178	50672	0.319	ng		100
28) Fluoranthene	19.124	202	68233	0.328	ng		100
30) Pyrene	19.486	202	69905	0.356	ng		100
32) Benzo(a)anthracene	21.238	228	60463	0.324	ng		99
33) Chrysene	21.283	228	59308	0.337	ng		98
34) Bis(2-ethylhexyl)phtha...	21.166	149	31640	0.249	ng		98
36) Indeno(1,2,3-cd)pyrene	25.738	276	57094	0.334	ng		99
37) Benzo(b)fluoranthene	22.812	252	59402	0.356	ng		97
38) Benzo(k)fluoranthene	22.856	252	56301	0.357	ng		98
39) Benzo(a)pyrene	23.385	252	50211	0.349	ng		97
40) Dibenzo(a,h)anthracene	25.753	278	45196	0.336	ng		98
41) Benzo(g,h,i)perylene	26.428	276	48287	0.334	ng		99

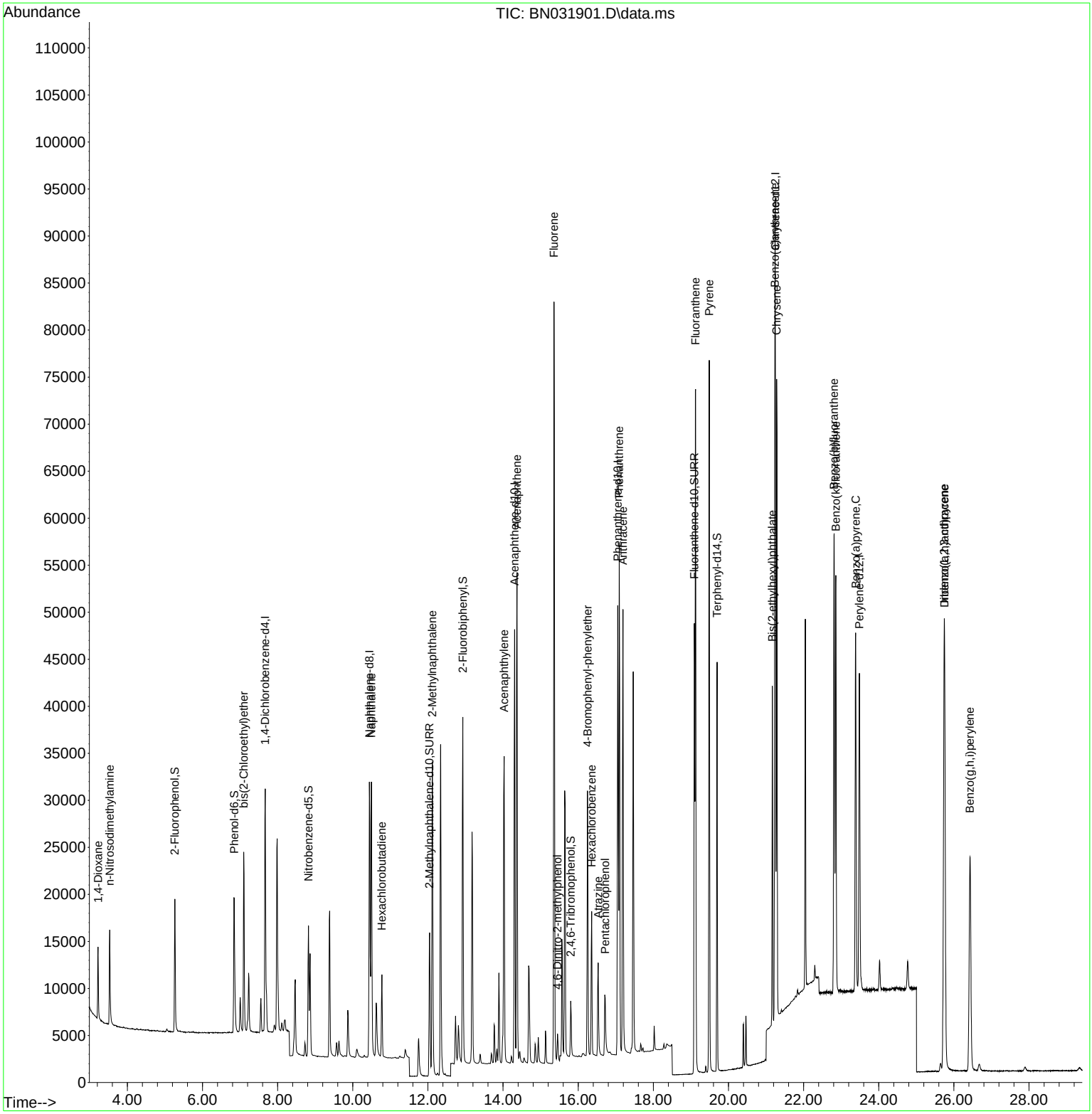
(#) = qualifier out of range (m) = manual integration (+) = signals summed

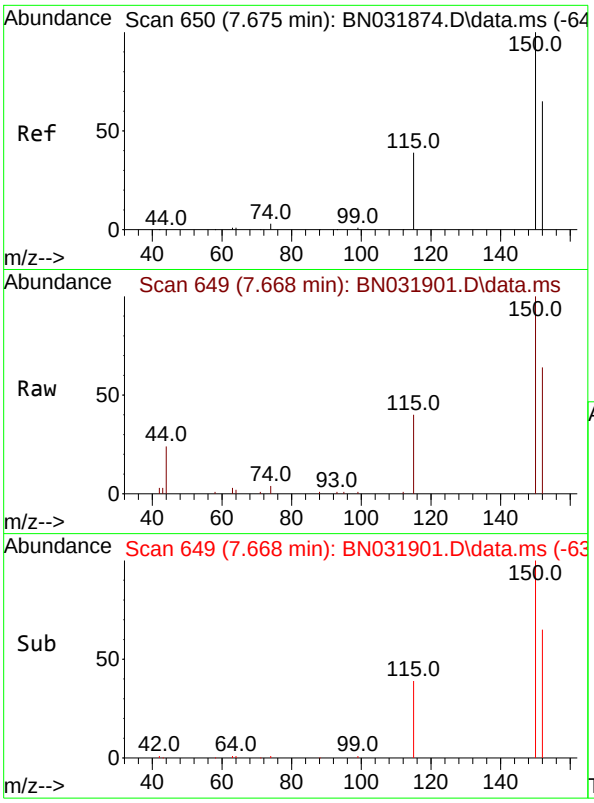
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031901.D
Acq On : 11 Jun 2024 05:59
Operator : MA/JU
Sample : PB161392BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Quant Time: Jun 11 06:34:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration



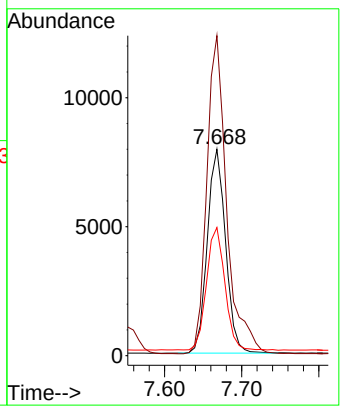


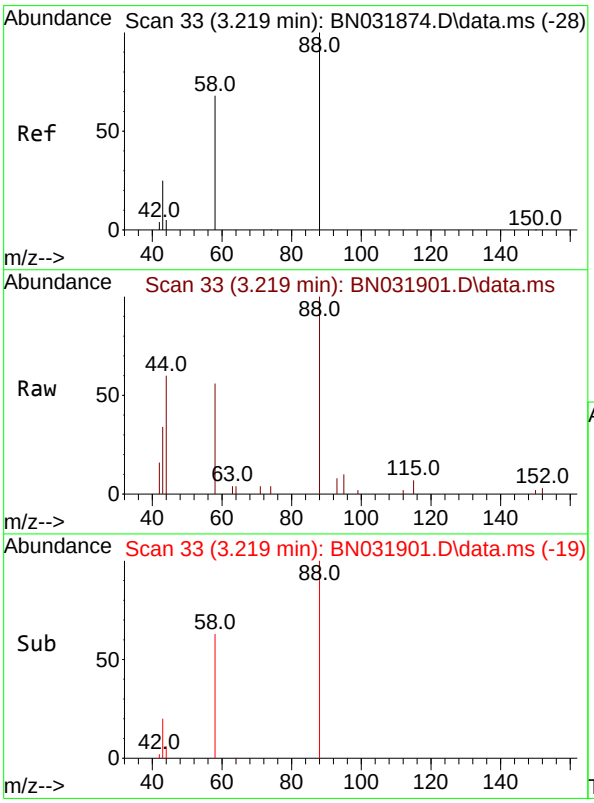
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.668 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:152 Resp: 13020

Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.0	181.4
115	62.1	49.4	74.0

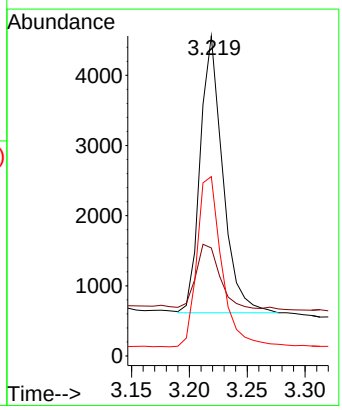


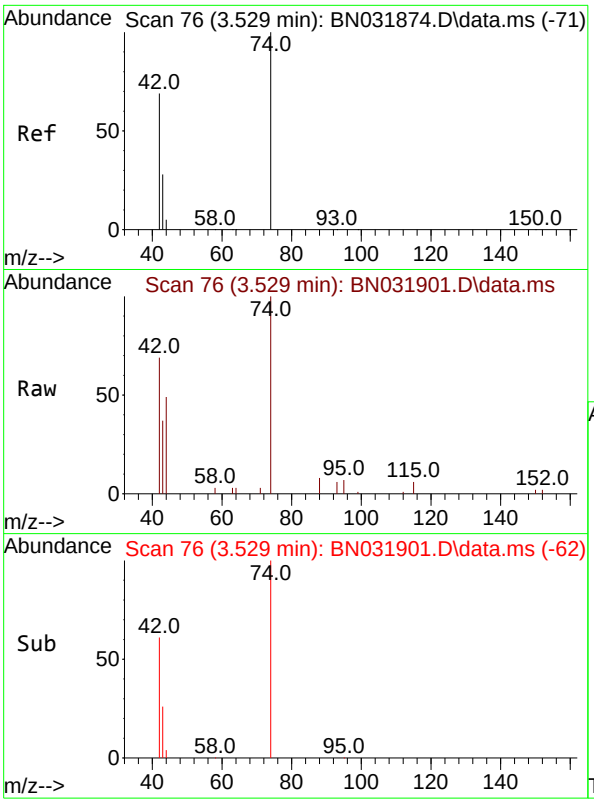


#2
1,4-Dioxane
Concen: 0.336 ng
RT: 3.219 min Scan# 33
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion: 88 Resp: 5363

Ion	Ratio	Lower	Upper
88	100		
43	25.8	22.7	34.1
58	68.2	51.3	76.9



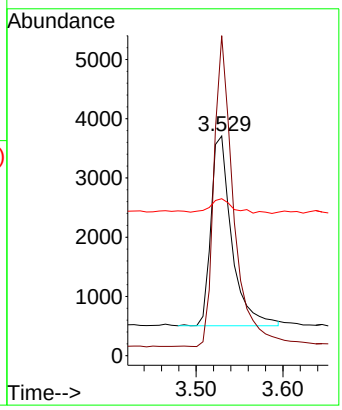


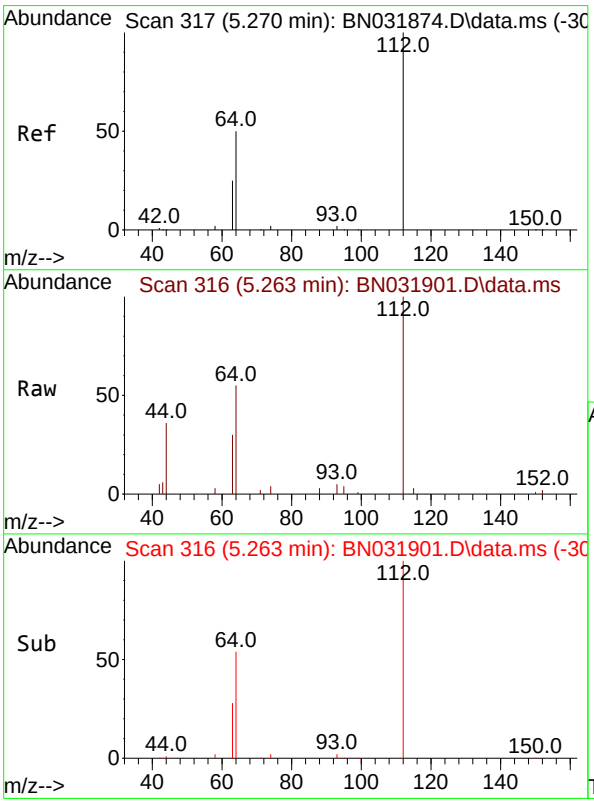
#3
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.529 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion: 42 Resp: 5338

Ion	Ratio	Lower	Upper
42	100		
74	153.4	125.2	187.8
44	8.8	6.9	10.3

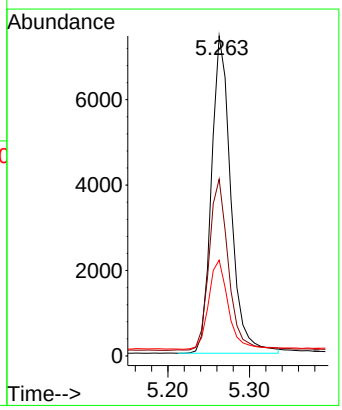


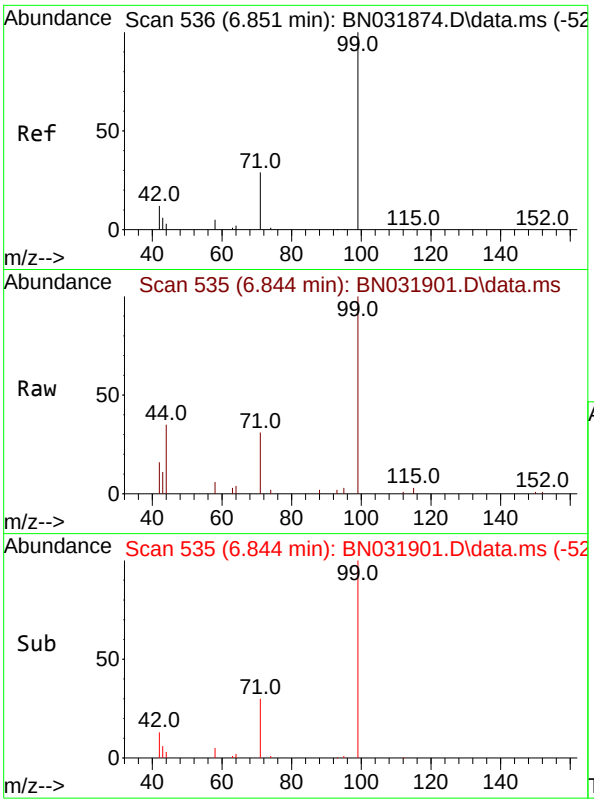


#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.263 min Scan# 316
Delta R.T. -0.007 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:112 Resp: 12291

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.4	63.6
63	28.3	22.1	33.1



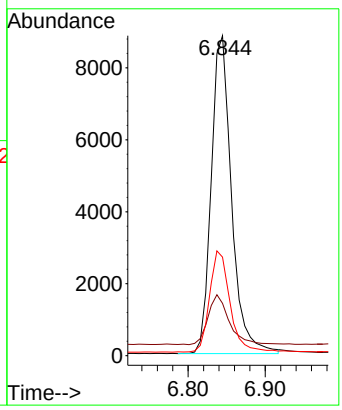


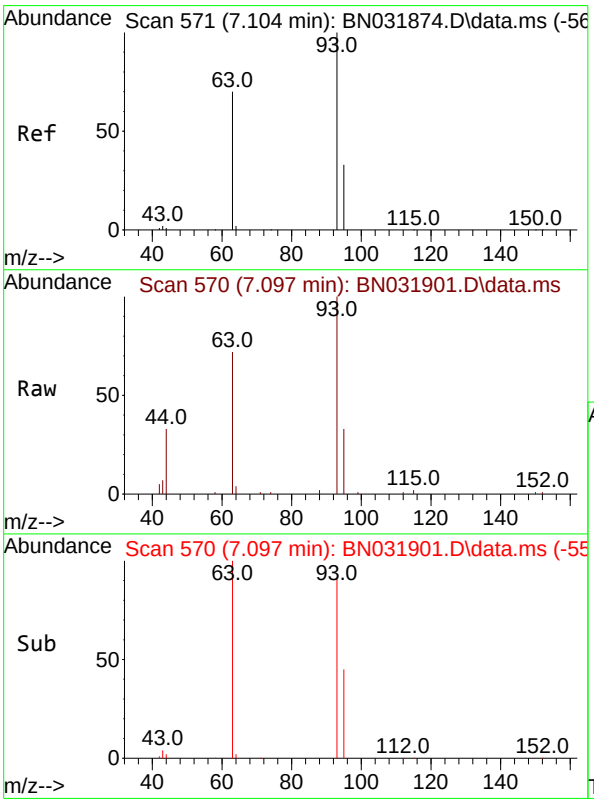
#5
Phenol-d6
Concen: 0.332 ng
RT: 6.844 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion: 99 Resp: 16138

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.8	19.2
71	32.0	25.4	38.2

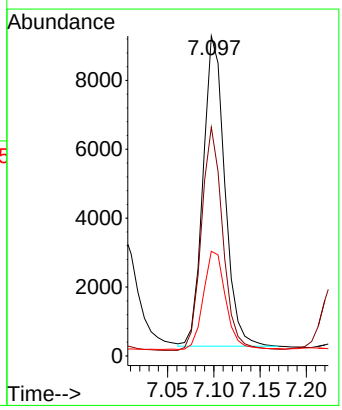


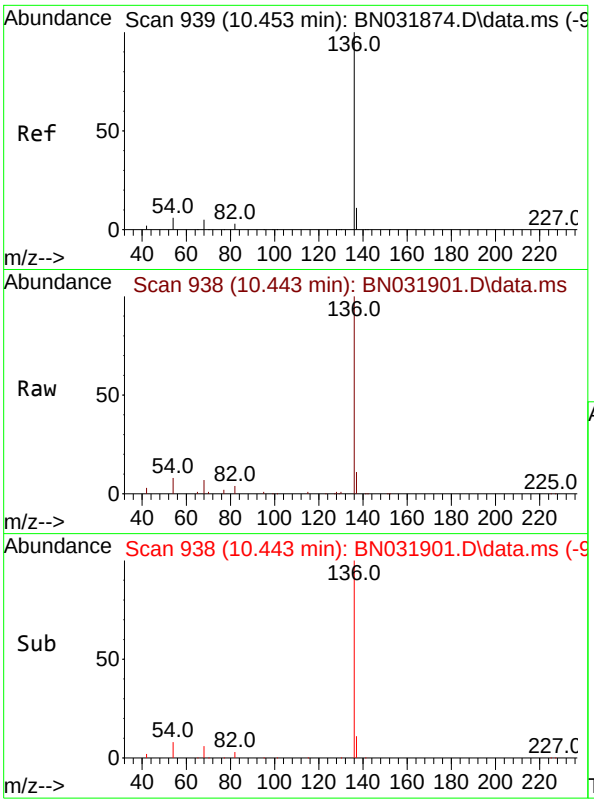


#6
bis(2-Chloroethyl)ether
Concen: 0.351 ng
RT: 7.097 min Scan# 570
Delta R.T. -0.007 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion: 93 Resp: 14678

Ion	Ratio	Lower	Upper
93	100		
63	71.0	56.2	84.2
95	32.5	26.4	39.6



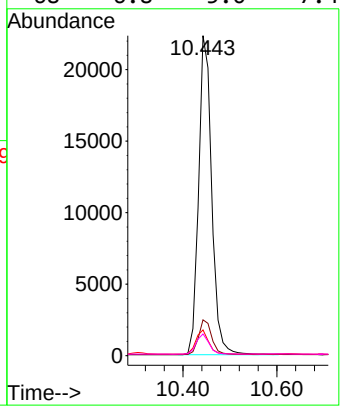


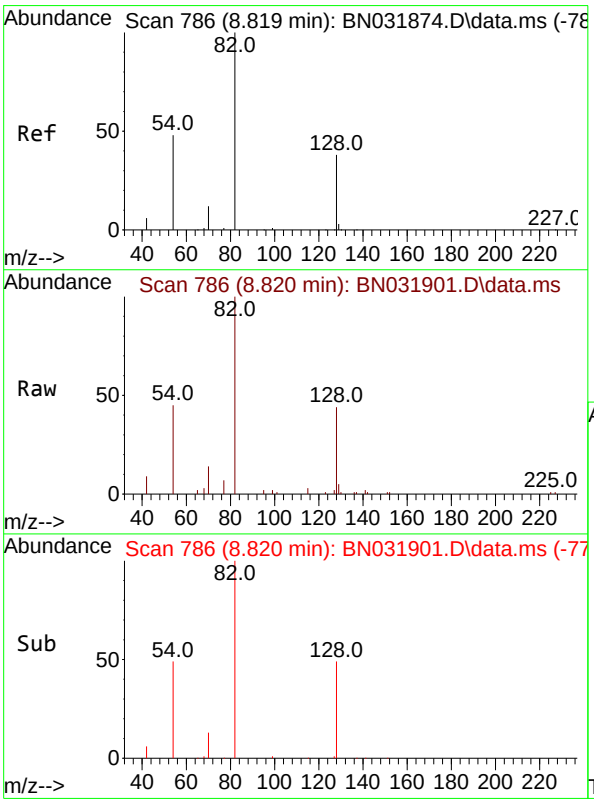
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.443 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:136 Resp: 43223

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	5.6	8.4
68	6.8	5.0	7.4

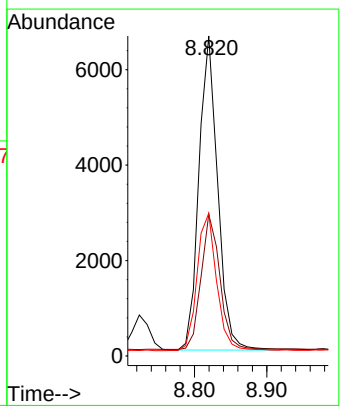


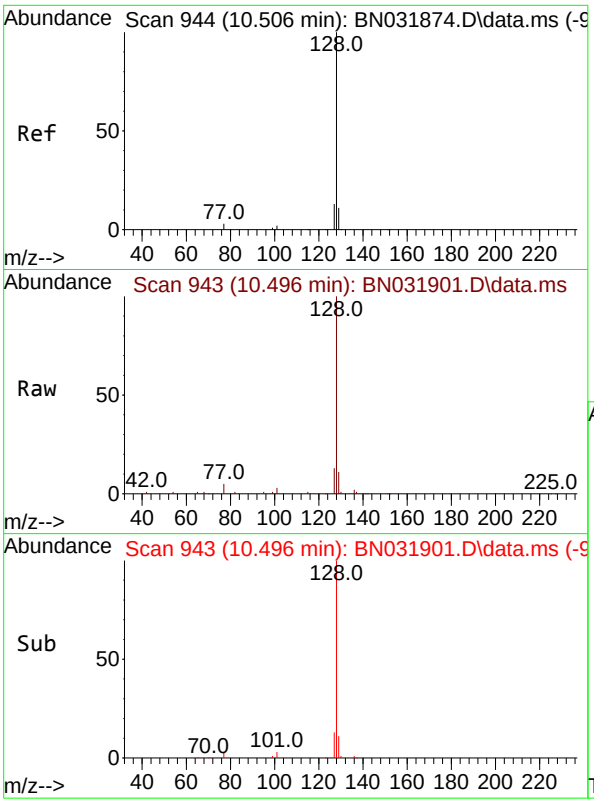


#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.820 min Scan# 786
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion: 82 Resp: 11923

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.1	48.1
54	44.6	39.7	59.5



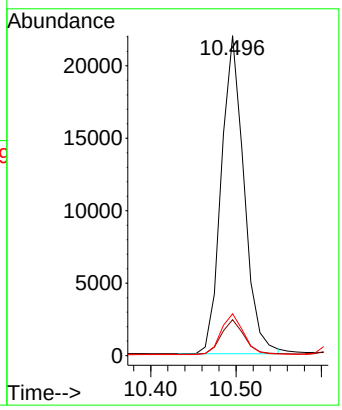


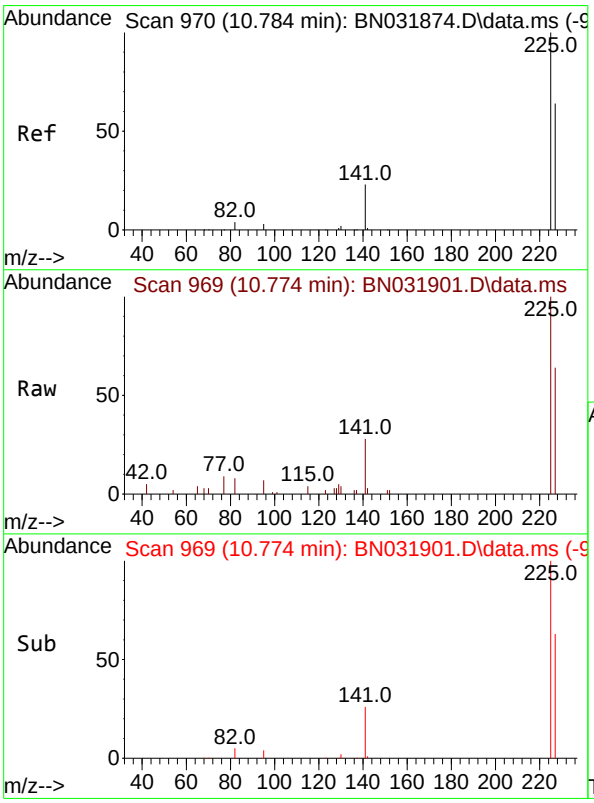
#9
Naphthalene
Concen: 0.349 ng
RT: 10.496 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:128 Resp: 40577

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.1	10.5	15.7

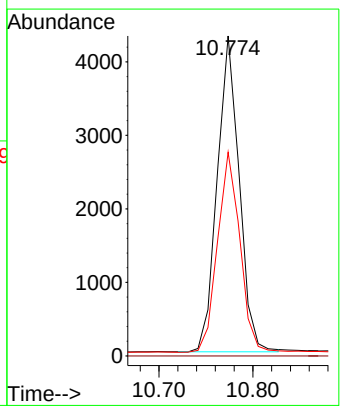


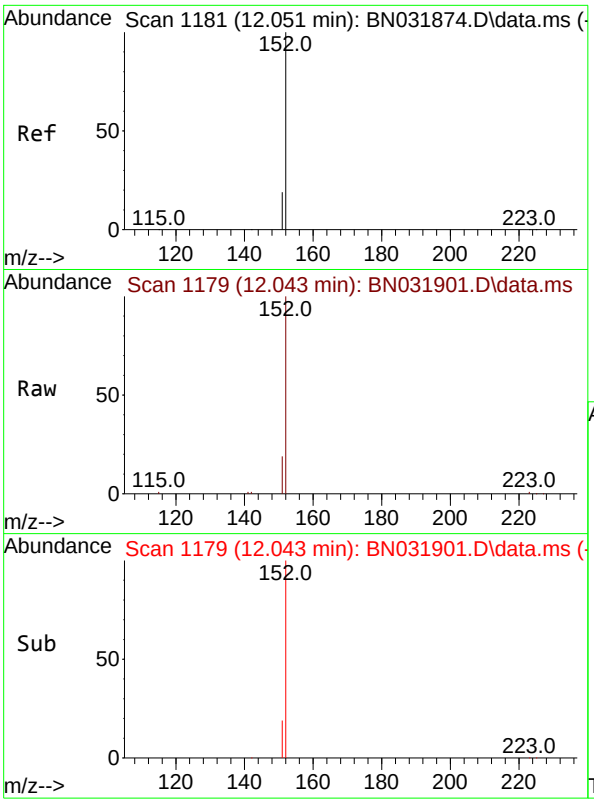


#10
Hexachlorobutadiene
Concen: 0.343 ng
RT: 10.774 min Scan# 969
Delta R.T. -0.010 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:225 Resp: 6976

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	50.6	75.8



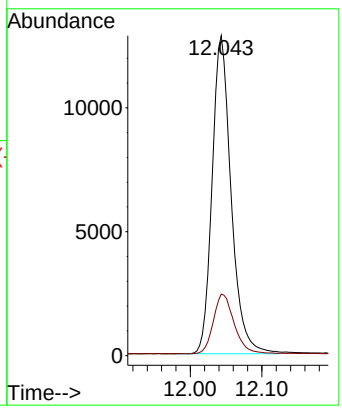


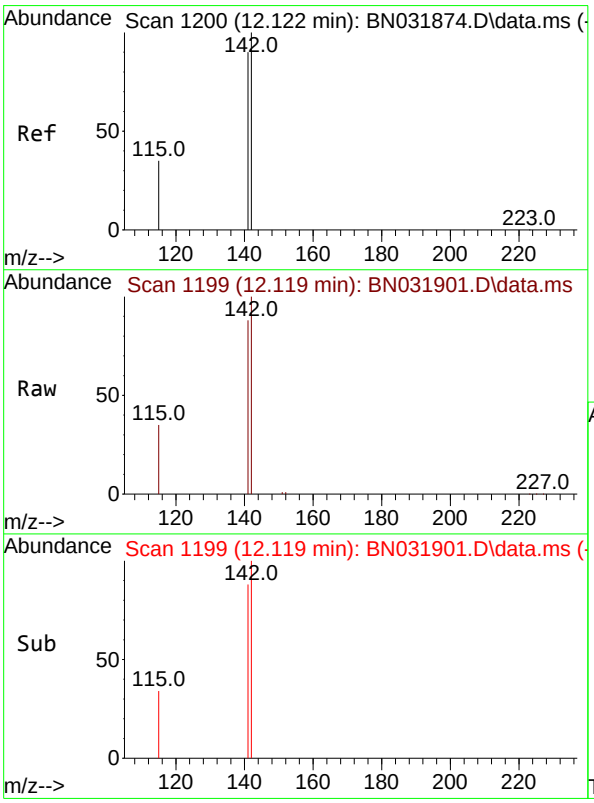
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.043 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:152 Resp: 23611

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5

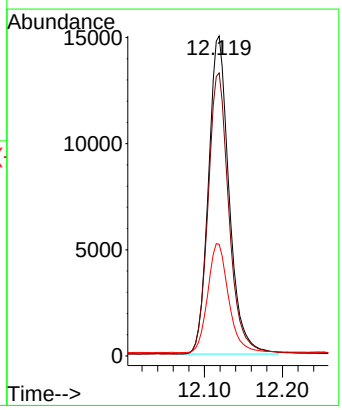


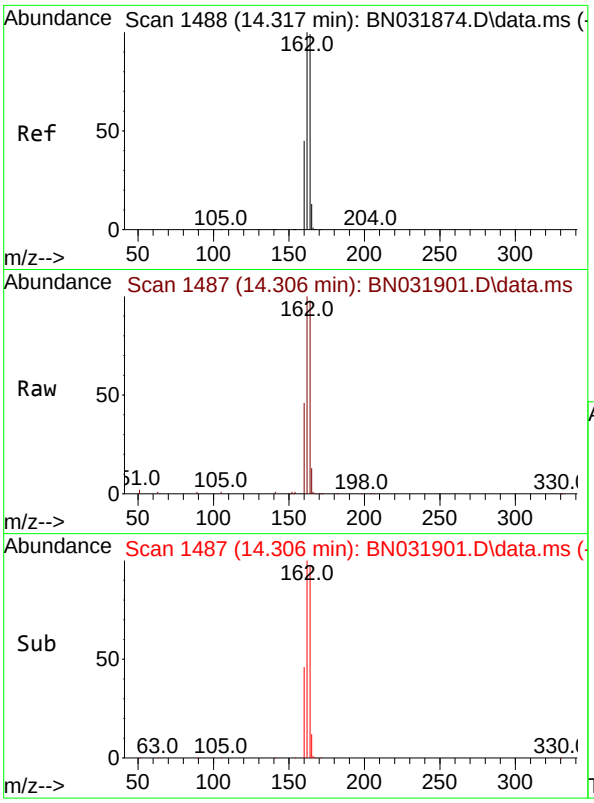


#12
2-Methylnaphthalene
Concen: 0.347 ng
RT: 12.119 min Scan# 1199
Delta R.T. -0.004 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:142 Resp: 27570

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.2	108.2
115	34.9	28.6	43.0



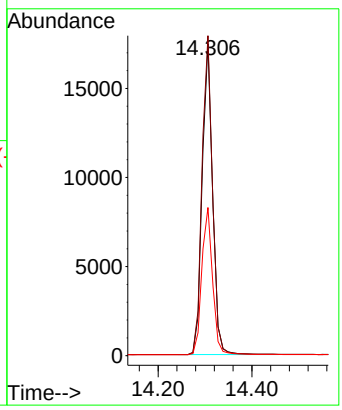


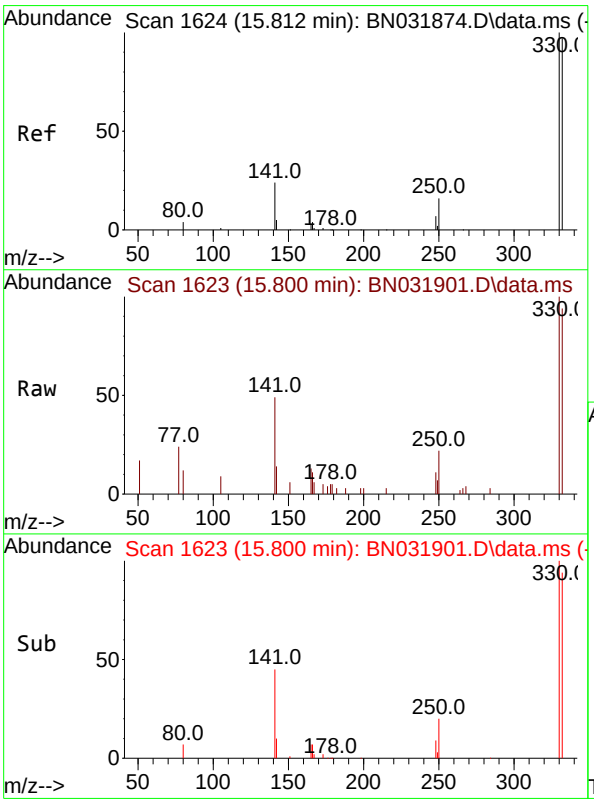
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.306 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:164 Resp: 26920

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.7	121.1
160	47.5	36.2	54.4

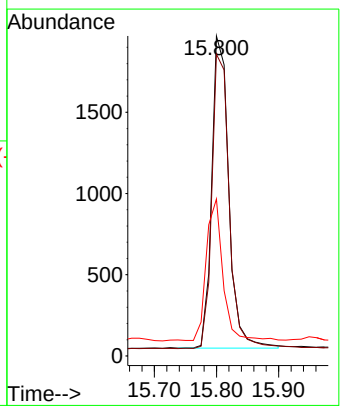


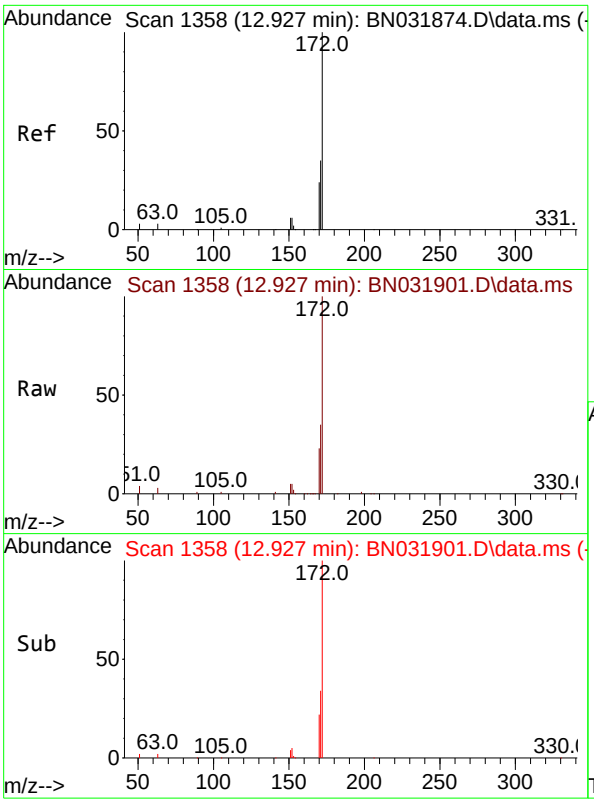


#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.800 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:330 Resp: 3660

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.5	116.3
141	43.3	34.7	52.1



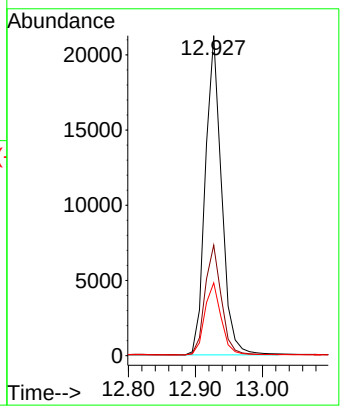


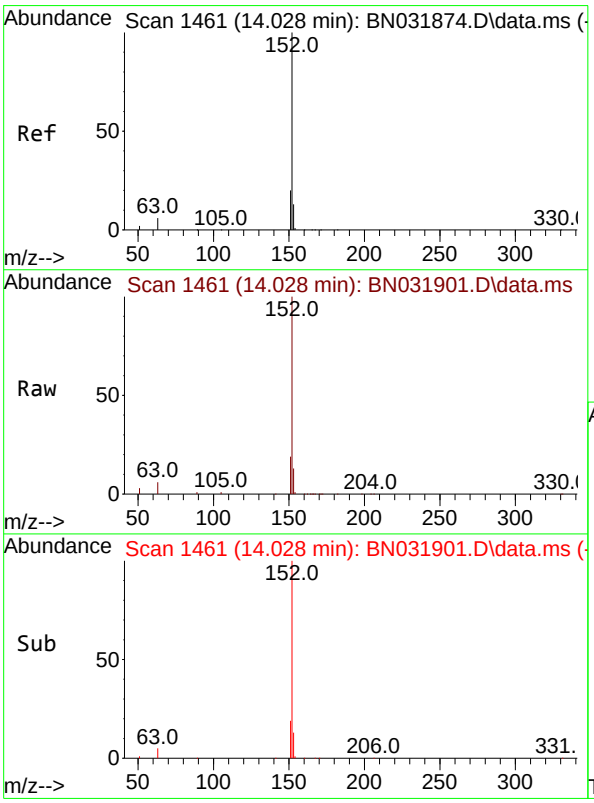
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.927 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:172 Resp: 35703

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.6	42.8
170	22.7	19.2	28.8

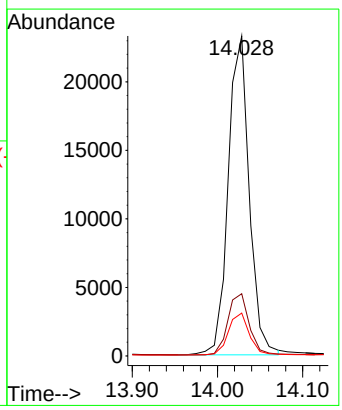


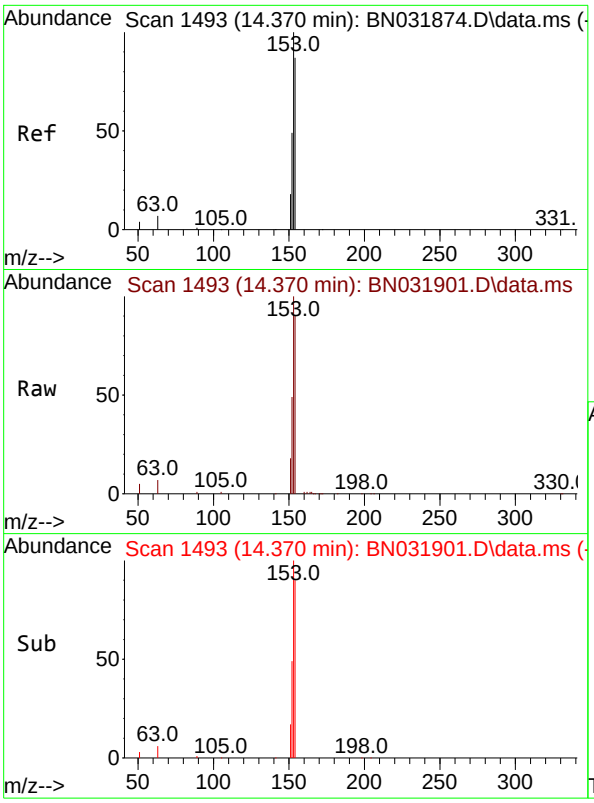


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.028 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:152 Resp: 39774

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.5	15.7



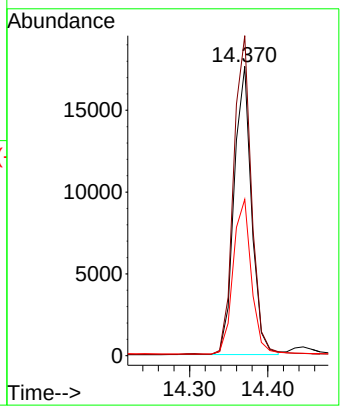


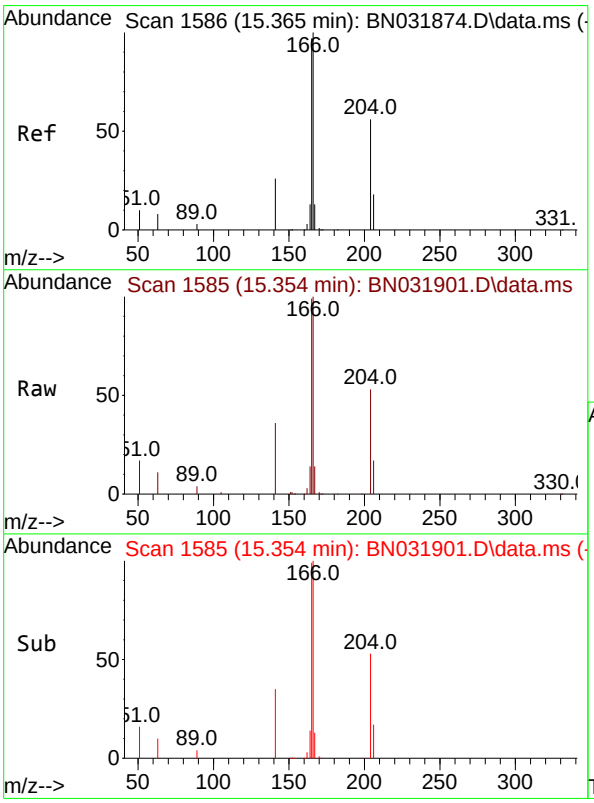
#17
Acenaphthene
Concen: 0.343 ng
RT: 14.370 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:154 Resp: 27386

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.8	136.2
152	55.7	44.3	66.5

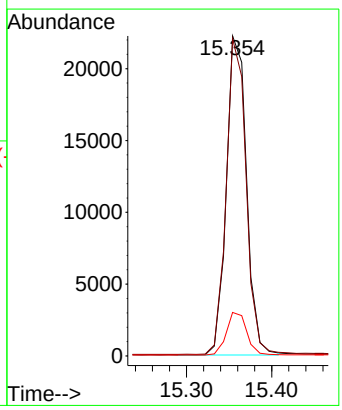


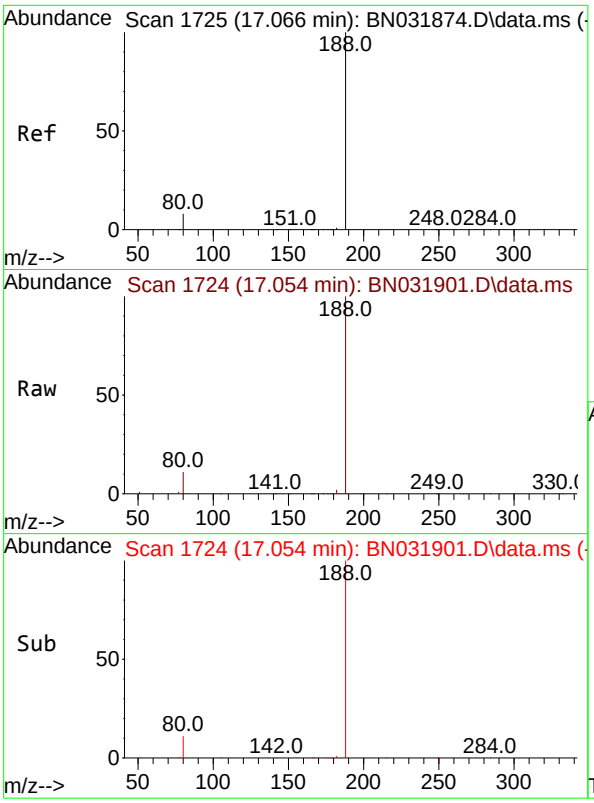


#18
Fluorene
Concen: 0.341 ng
RT: 15.354 min Scan# 1585
Delta R.T. -0.010 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:166 Resp: 36401

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.3	117.5
167	13.5	10.7	16.1



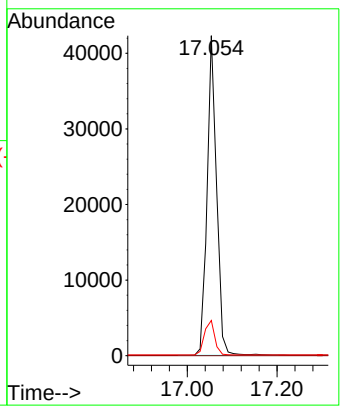


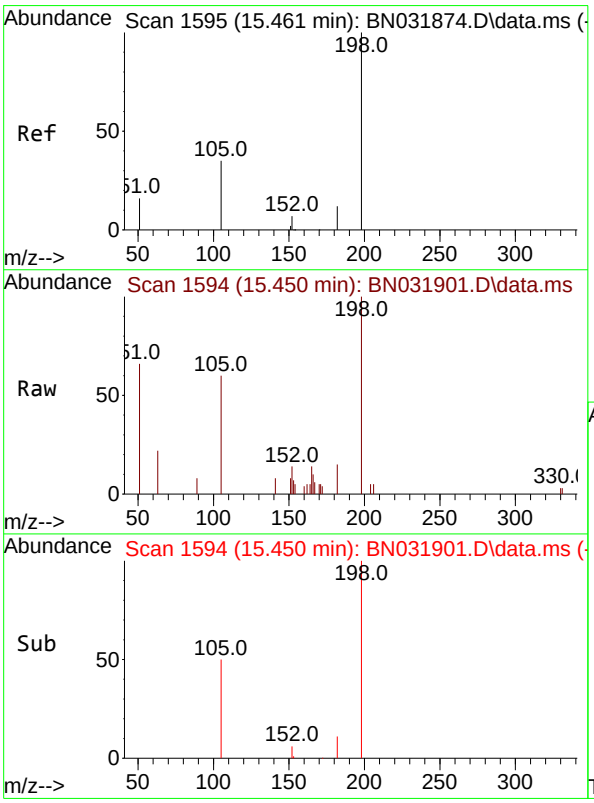
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.054 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:188 Resp: 61750

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	6.4	9.6#

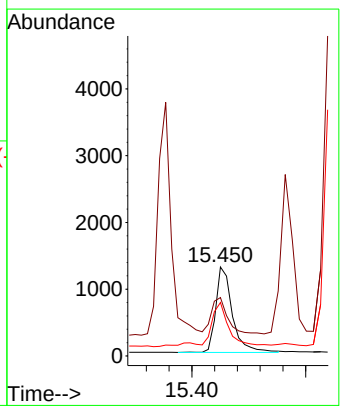


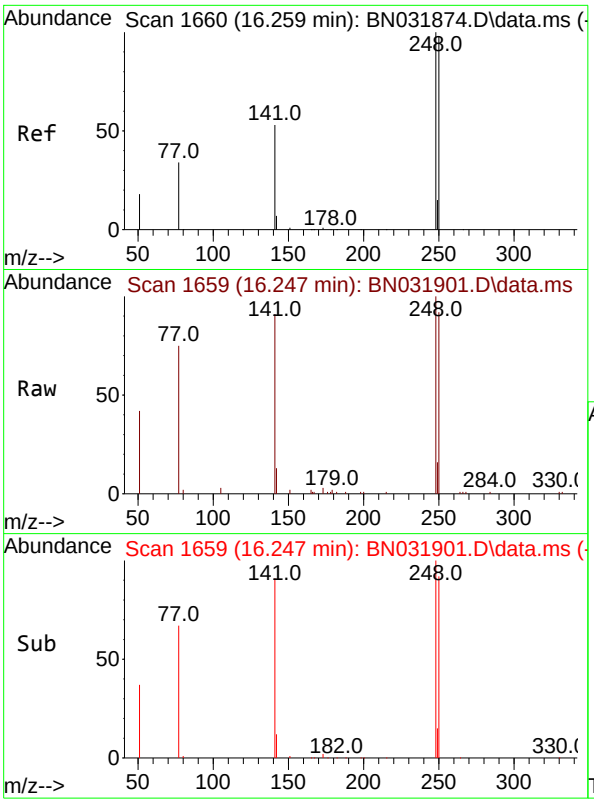


#20
4,6-Dinitro-2-methylphenol
Concen: 0.378 ng
RT: 15.450 min Scan# 1594
Delta R.T. -0.011 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:198 Resp: 2652

Ion	Ratio	Lower	Upper
198	100		
51	65.6	42.7	64.1#
105	60.1	41.8	62.8



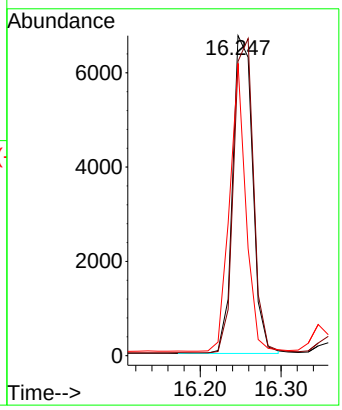


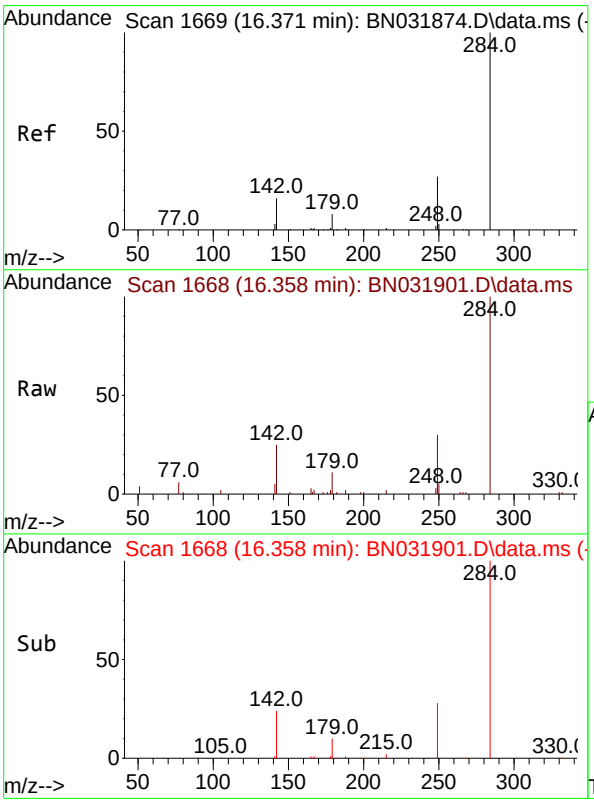
#21
4-Bromophenyl-phenylether
Concen: 0.330 ng
RT: 16.247 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:248 Resp: 11566

Ion	Ratio	Lower	Upper
248	100		
250	92.0	78.5	117.7
141	91.3	43.1	64.7#

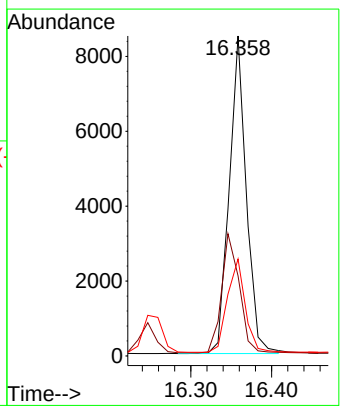


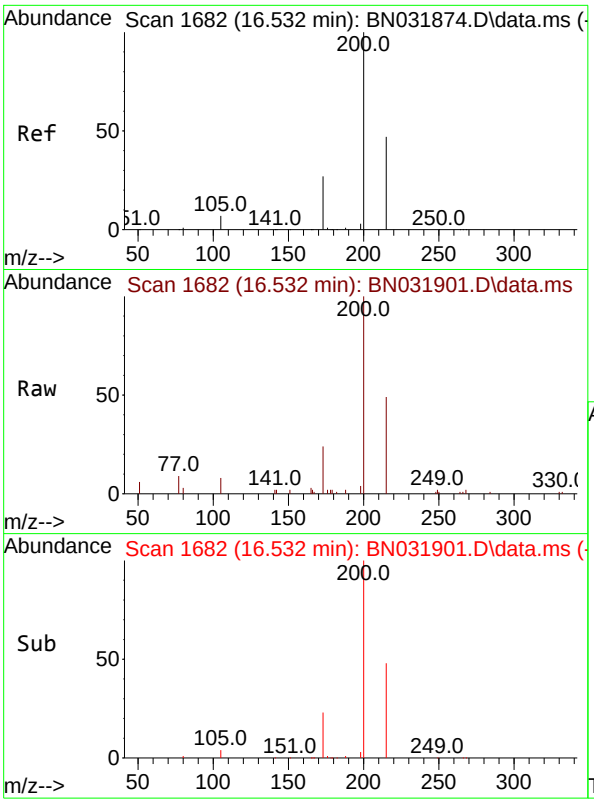


#22
Hexachlorobenzene
Concen: 0.343 ng
RT: 16.358 min Scan# 1668
Delta R.T. -0.012 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:284 Resp: 12445

Ion	Ratio	Lower	Upper
284	100		
142	39.1	30.7	46.1
249	30.7	25.0	37.4



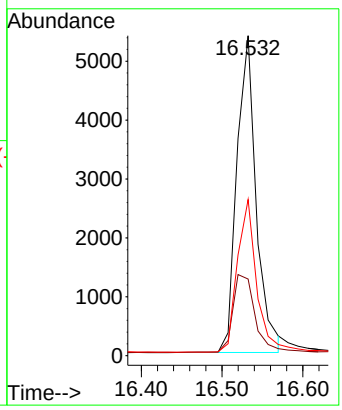


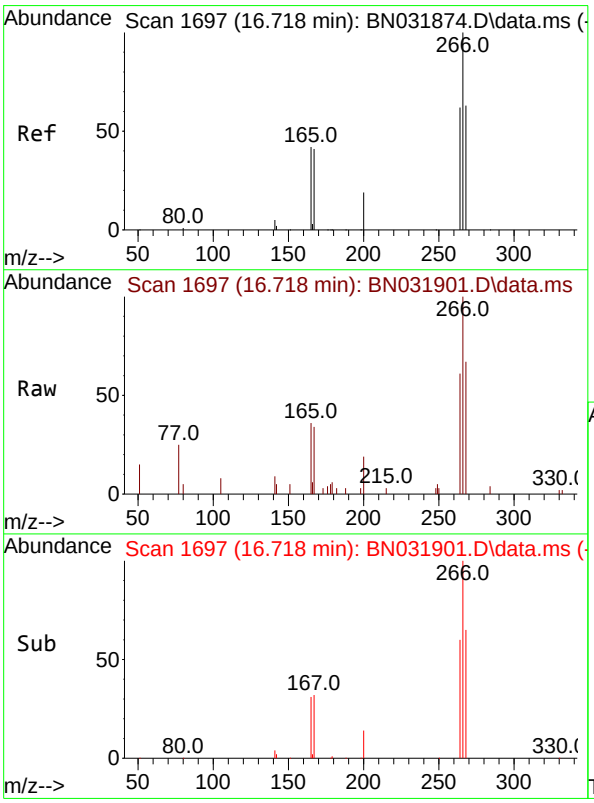
#23
Atrazine
Concen: 0.280 ng
RT: 16.532 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:200 Resp: 8967

Ion	Ratio	Lower	Upper
200	100		
173	23.9	22.0	33.0
215	48.8	37.9	56.9

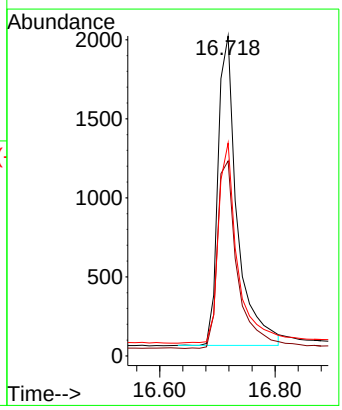


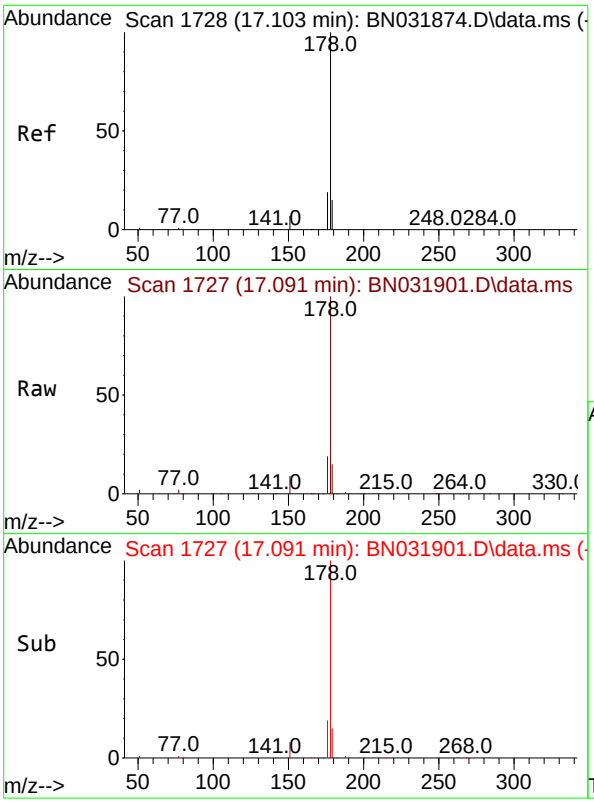


#24
Pentachlorophenol
Concen: 0.366 ng
RT: 16.718 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:266 Resp: 4514

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.0	75.0
268	63.9	51.0	76.6



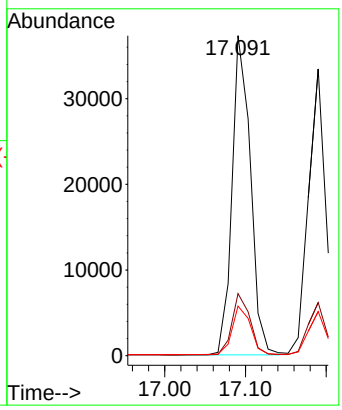


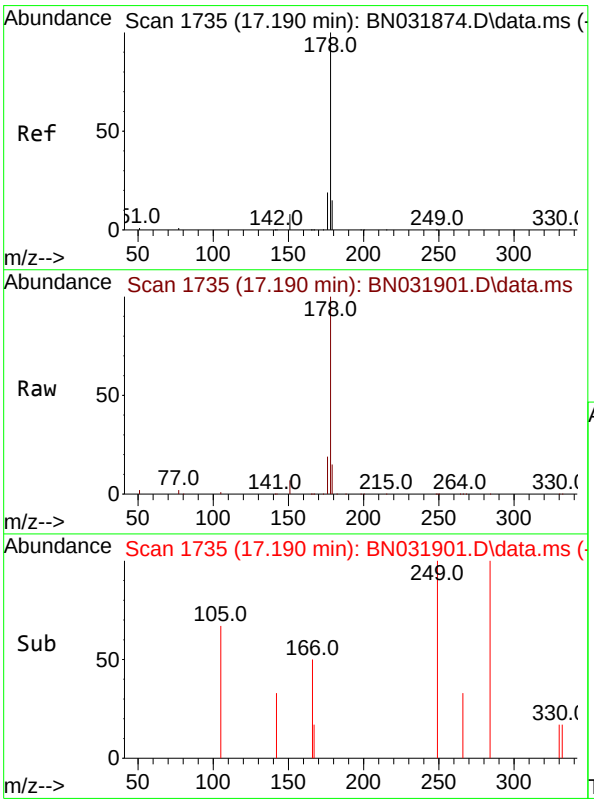
#25
Phenanthrene
Concen: 0.344 ng
RT: 17.091 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:178 Resp: 59001

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.3	12.2	18.2

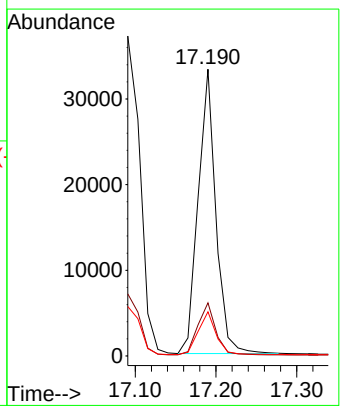


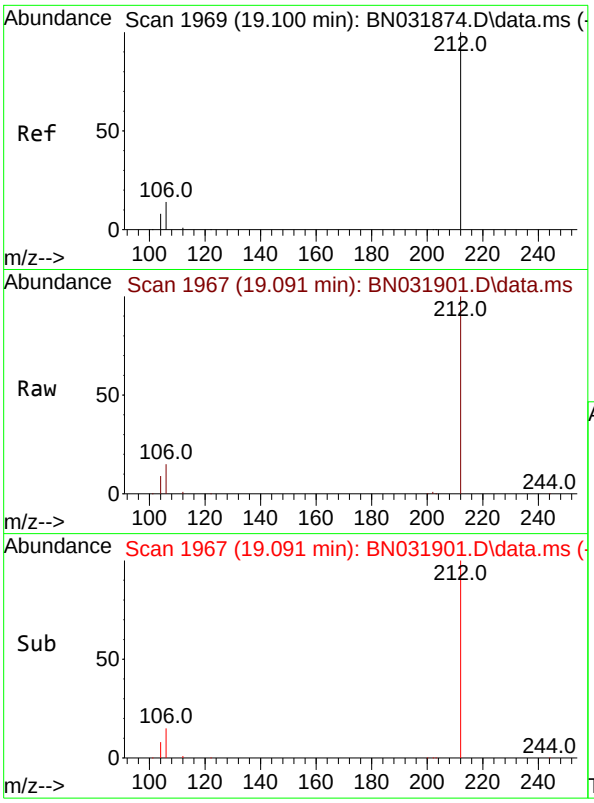


#26
Anthracene
Concen: 0.319 ng
RT: 17.190 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:178 Resp: 50672

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.0	12.2	18.2



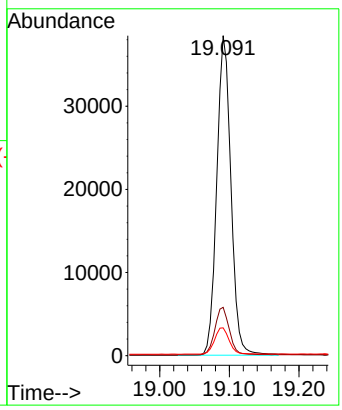


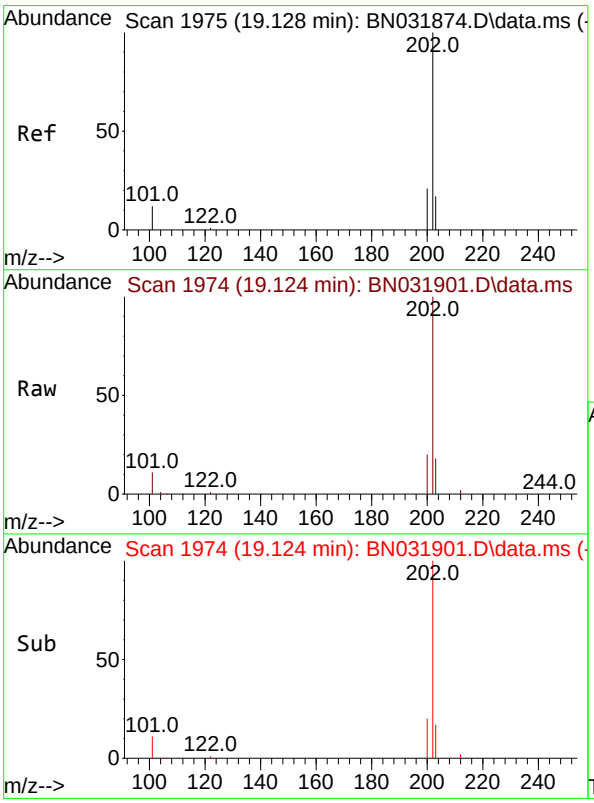
#27
Fluoranthene-d10
Concen: 0.323 ng
RT: 19.091 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:212 Resp: 54358

Ion	Ratio	Lower	Upper
212	100		
106	15.2	11.8	17.8
104	8.5	6.6	10.0

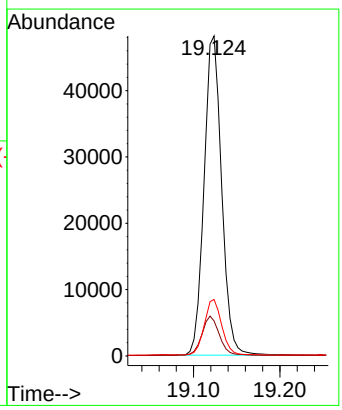


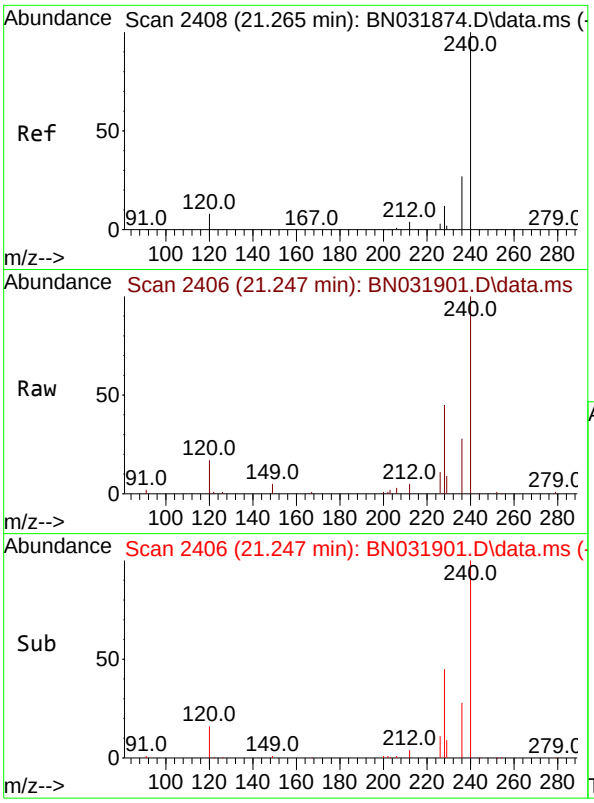


#28
Fluoranthene
Concen: 0.328 ng
RT: 19.124 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:202 Resp: 68233

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.6
203	17.2	13.7	20.5



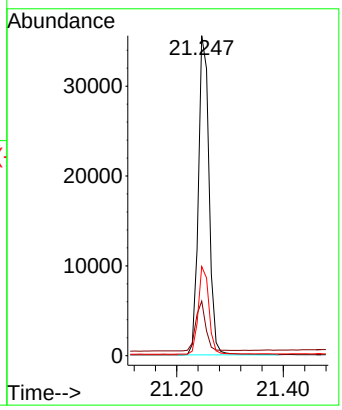


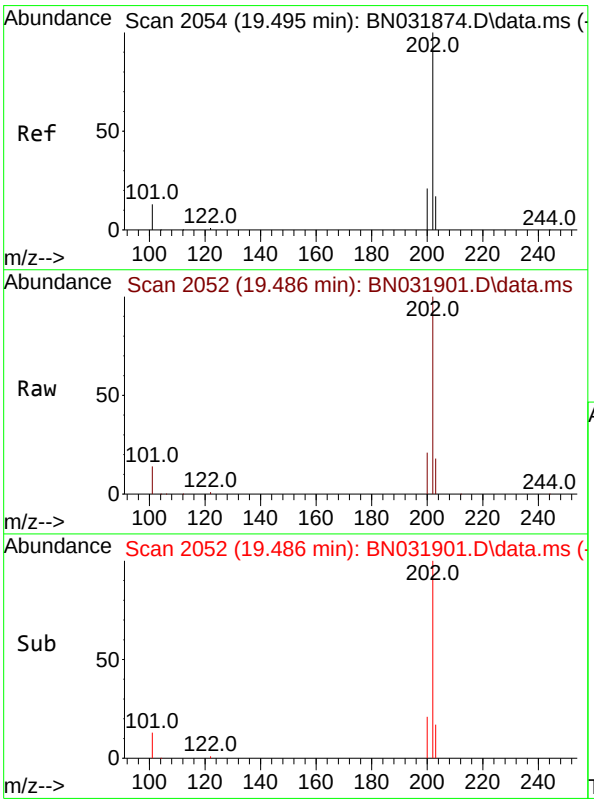
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.247 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:240 Resp: 49478

Ion	Ratio	Lower	Upper
240	100		
120	17.1	8.2	12.4#
236	27.9	21.8	32.8

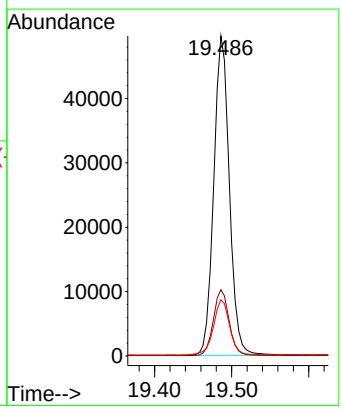


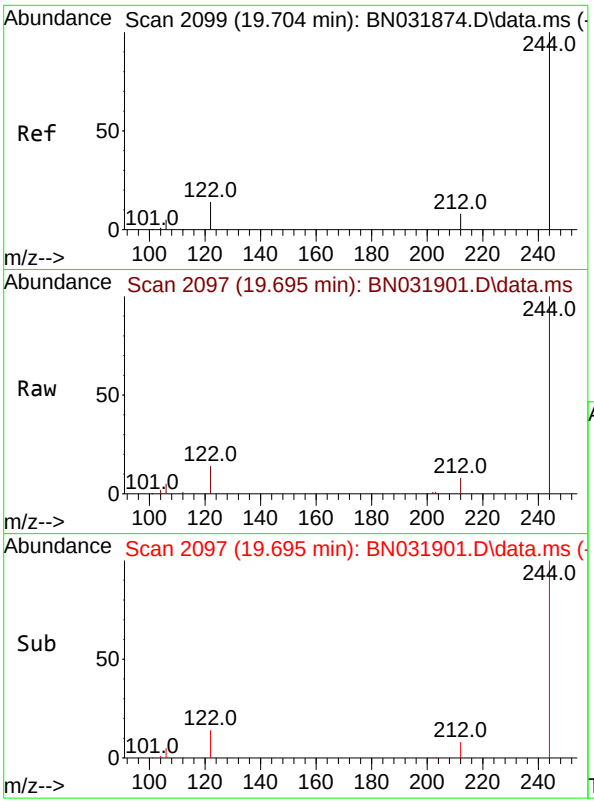


#30
Pyrene
Concen: 0.356 ng
RT: 19.486 min Scan# 2052
Delta R.T. -0.009 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:202 Resp: 69905

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.3	21.5



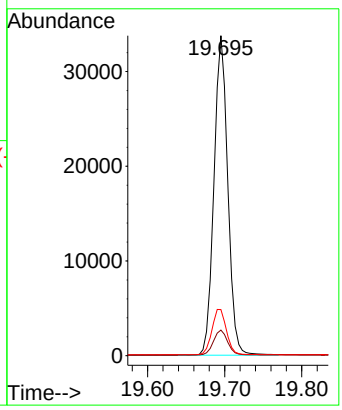


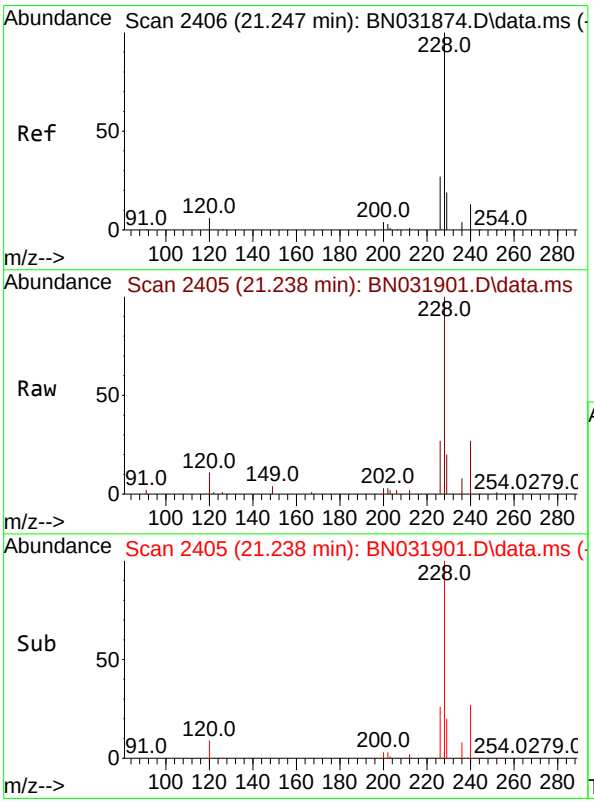
#31
Terphenyl-d14
Concen: 0.347 ng
RT: 19.695 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:244 Resp: 41962

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	14.4	11.4	17.0

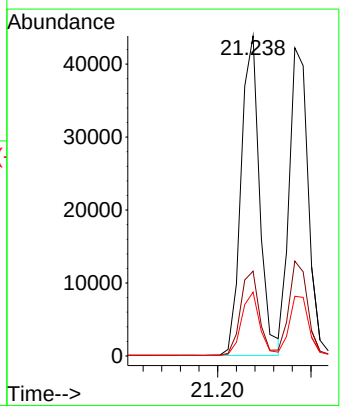


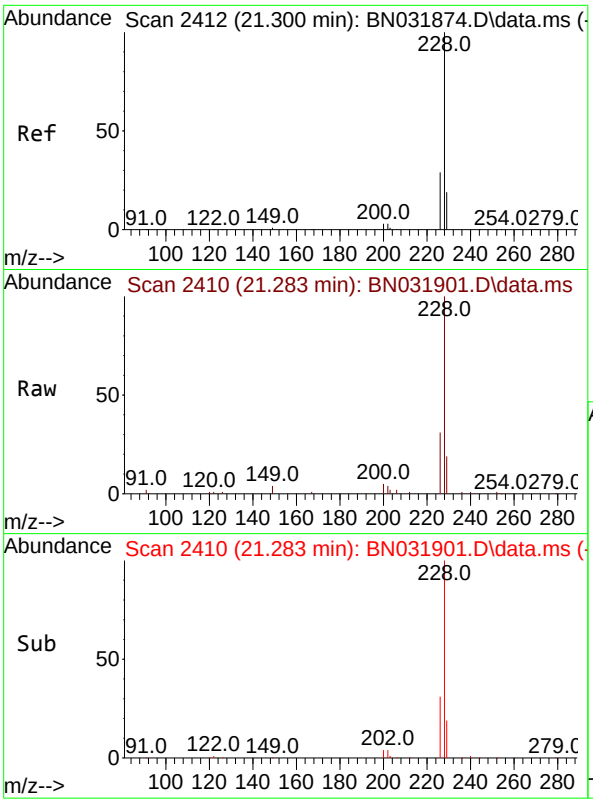


#32
Benzo(a)anthracene
Concen: 0.324 ng
RT: 21.238 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:228 Resp: 60463

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.6
229	19.9	15.8	23.8



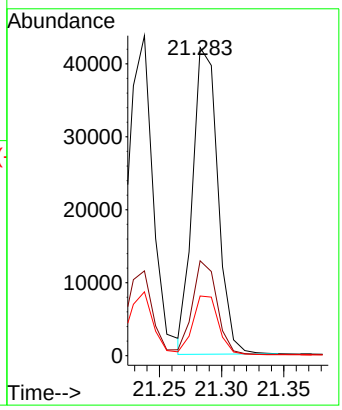


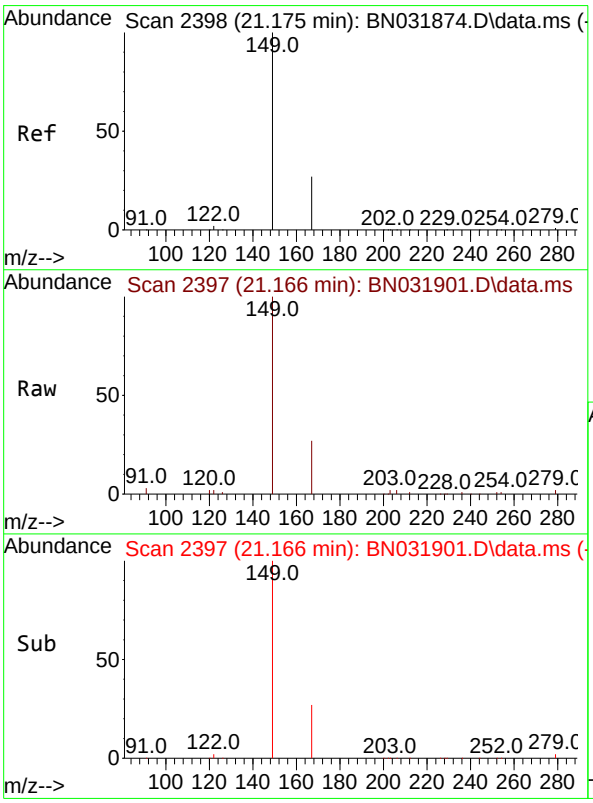
#33
Chrysene
Concen: 0.337 ng
RT: 21.283 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:228 Resp: 59308

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.6	35.4
229	19.4	15.8	23.6

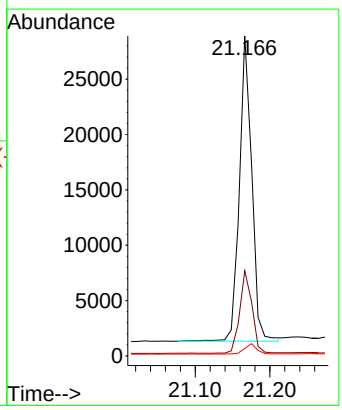


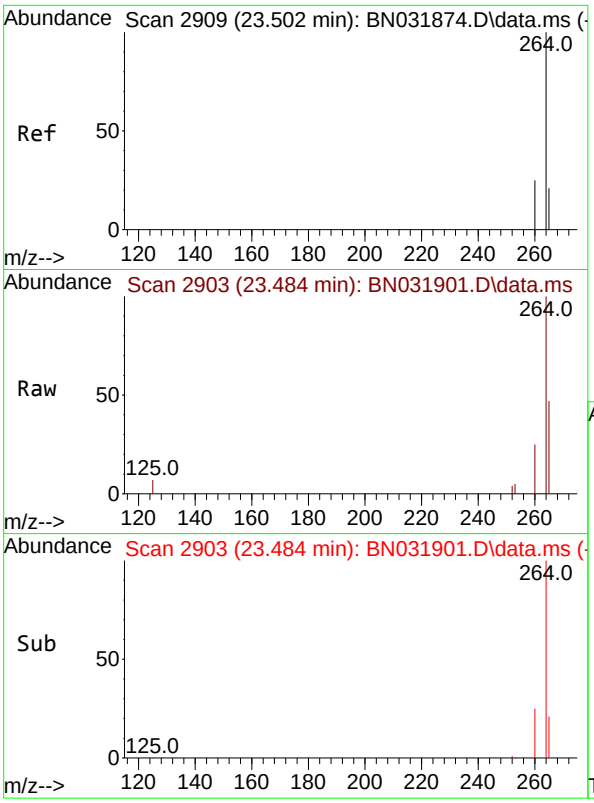


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.249 ng
RT: 21.166 min Scan# 2397
Delta R.T. -0.009 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:149 Resp: 31640

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.5	33.7
279	3.4	2.9	4.3



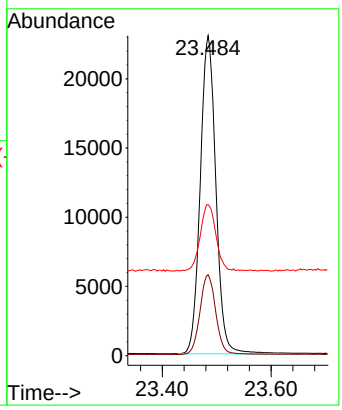


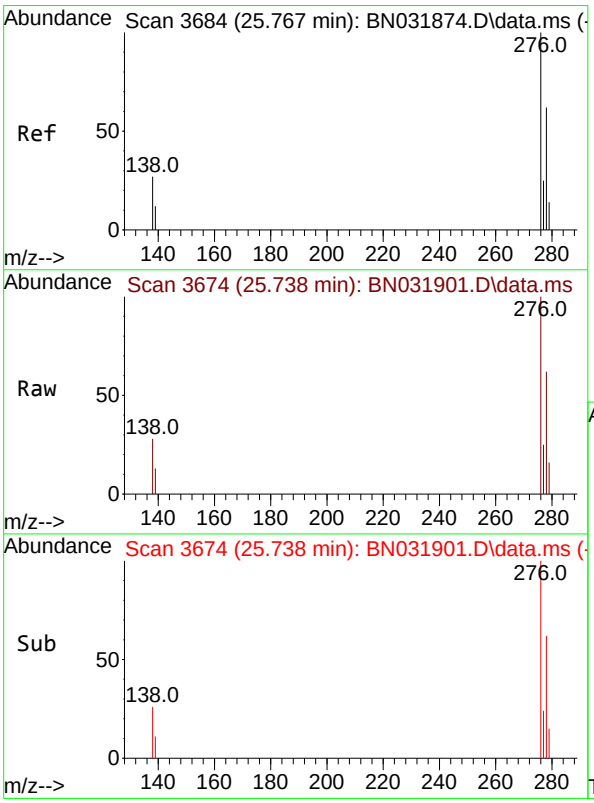
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:264 Resp: 45796

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.5	30.7
265	47.2	39.6	59.4

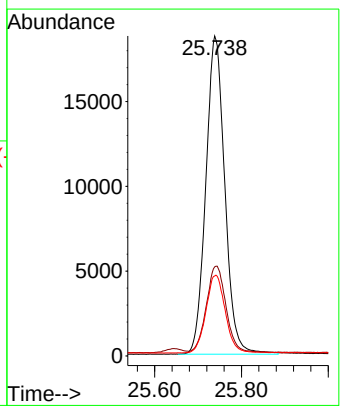


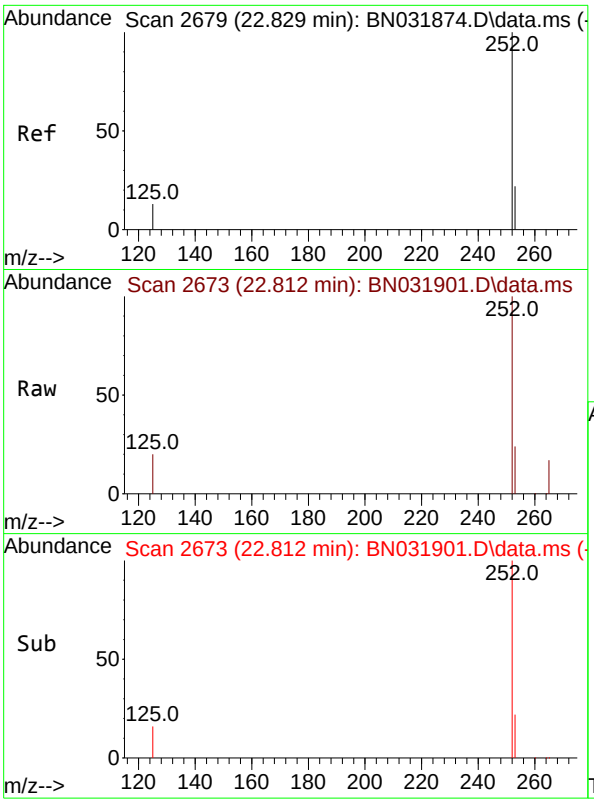


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng
RT: 25.738 min Scan# 3674
Delta R.T. -0.029 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:276 Resp: 57094

Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.5	32.3
277	24.9	19.8	29.8



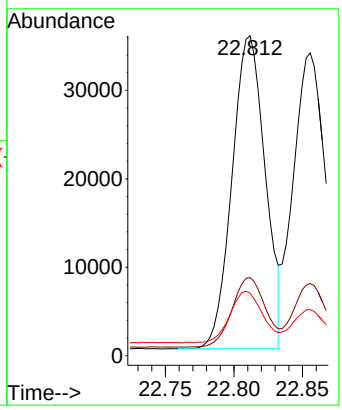


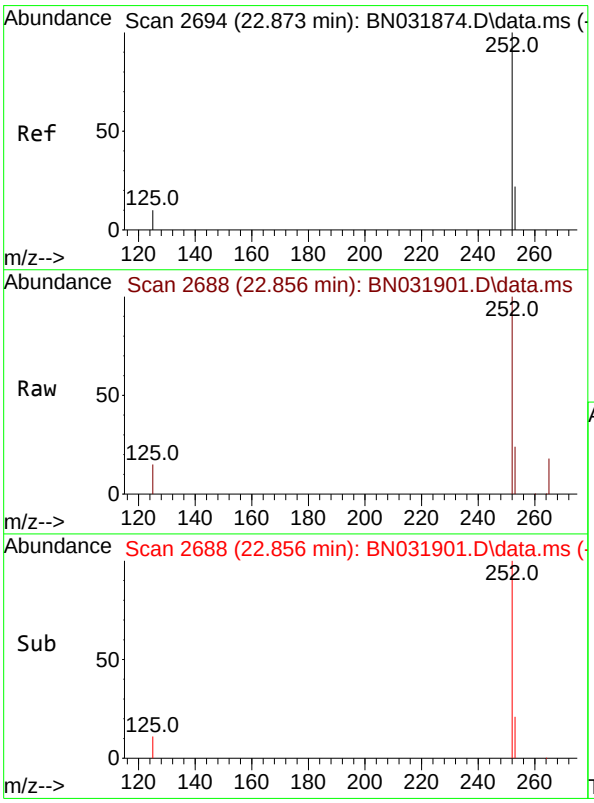
#37
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.812 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:252 Resp: 59402

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.2	30.2
125	19.5	14.2	21.4

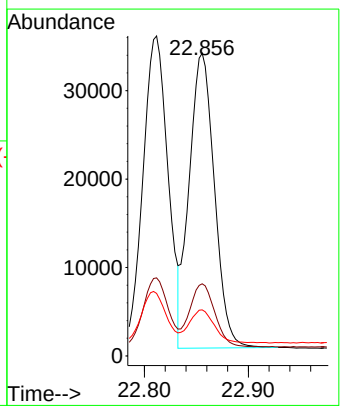


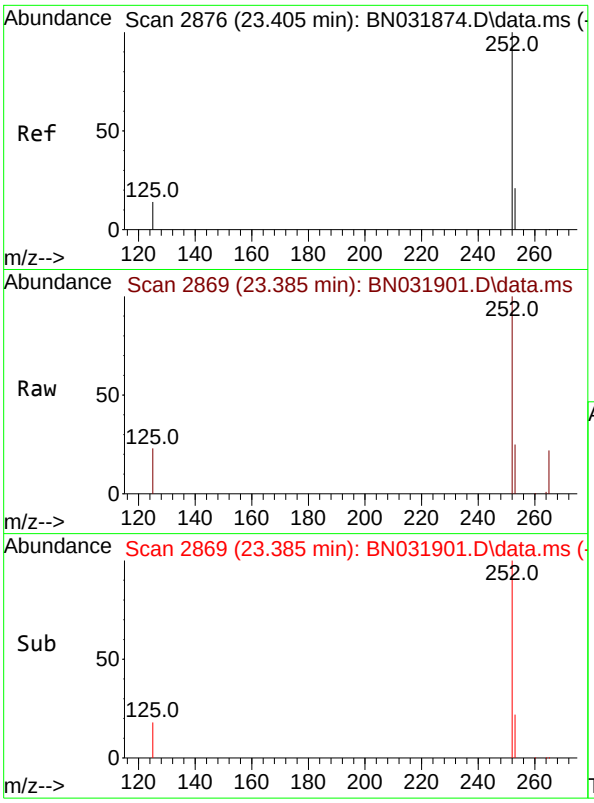


#38
Benzo(k)fluoranthene
Concen: 0.357 ng
RT: 22.856 min Scan# 2688
Delta R.T. -0.017 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:252 Resp: 56301

Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.9	29.9
125	15.2	13.0	19.4



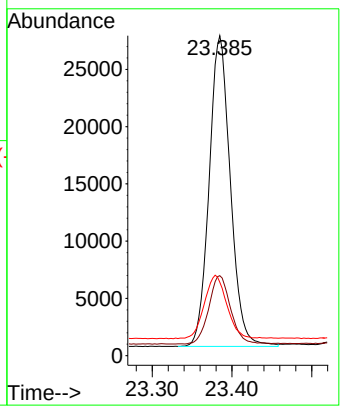


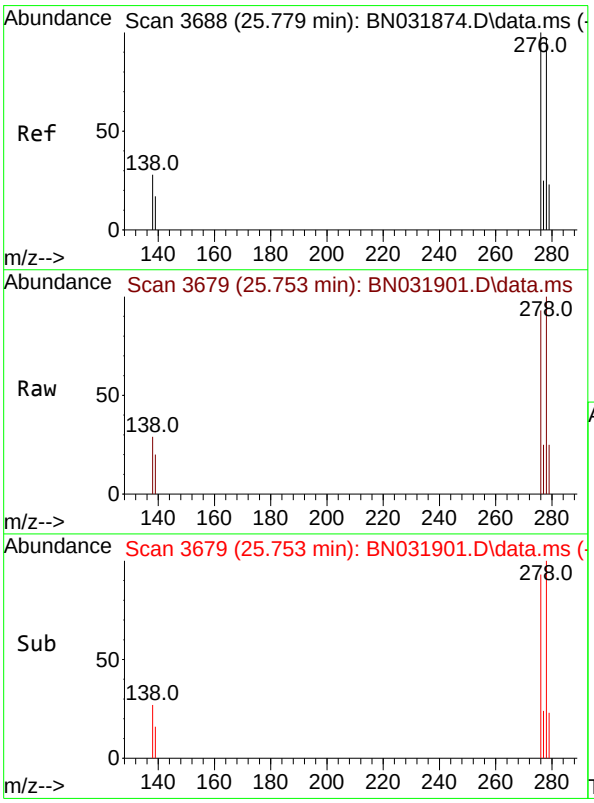
#39
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.385 min Scan# 2
Delta R.T. -0.020 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:252 Resp: 50211

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.5	30.7
125	22.9	16.4	24.6

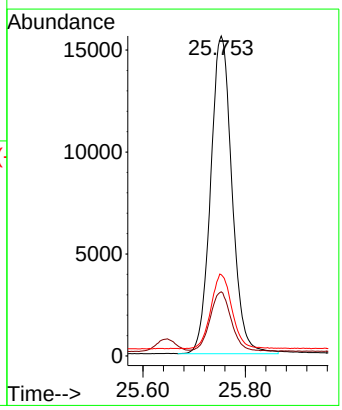


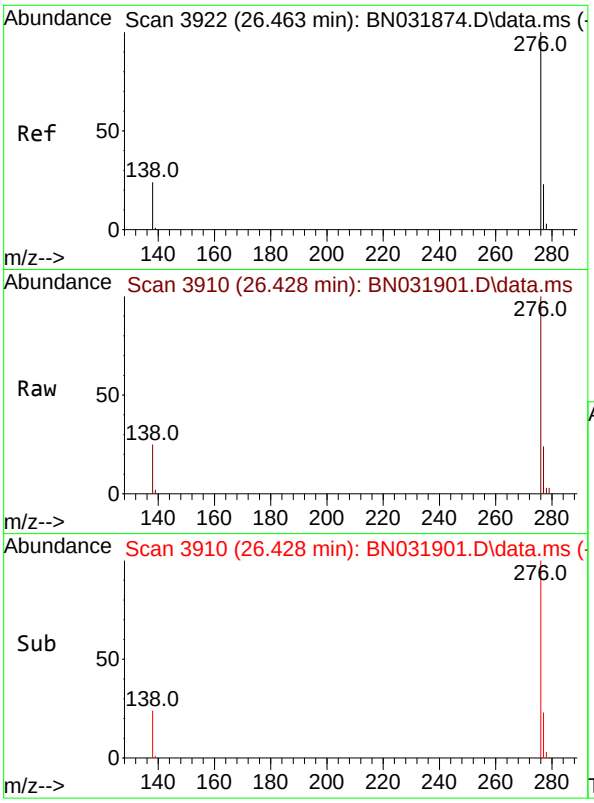


#40
Dibenzo(a,h)anthracene
Concen: 0.336 ng
RT: 25.753 min Scan# 3679
Delta R.T. -0.026 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Tgt Ion:278 Resp: 45196

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.0	25.4
279	25.4	21.4	32.0





#41
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.428 min Scan# 3
Delta R.T. -0.035 min
Lab File: BN031901.D
Acq: 11 Jun 2024 05:59

Instrument :
BNA_N
ClientSampleId :
PB161392BS

Tgt Ion:276 Resp: 48287

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.2	30.2
138	25.4	20.6	31.0