Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034852.D
Acq On : 04 Nov 2024 22:45
Operator : RC/JU
Sample : PB164511BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Quant Time: Nov 05 00:11:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

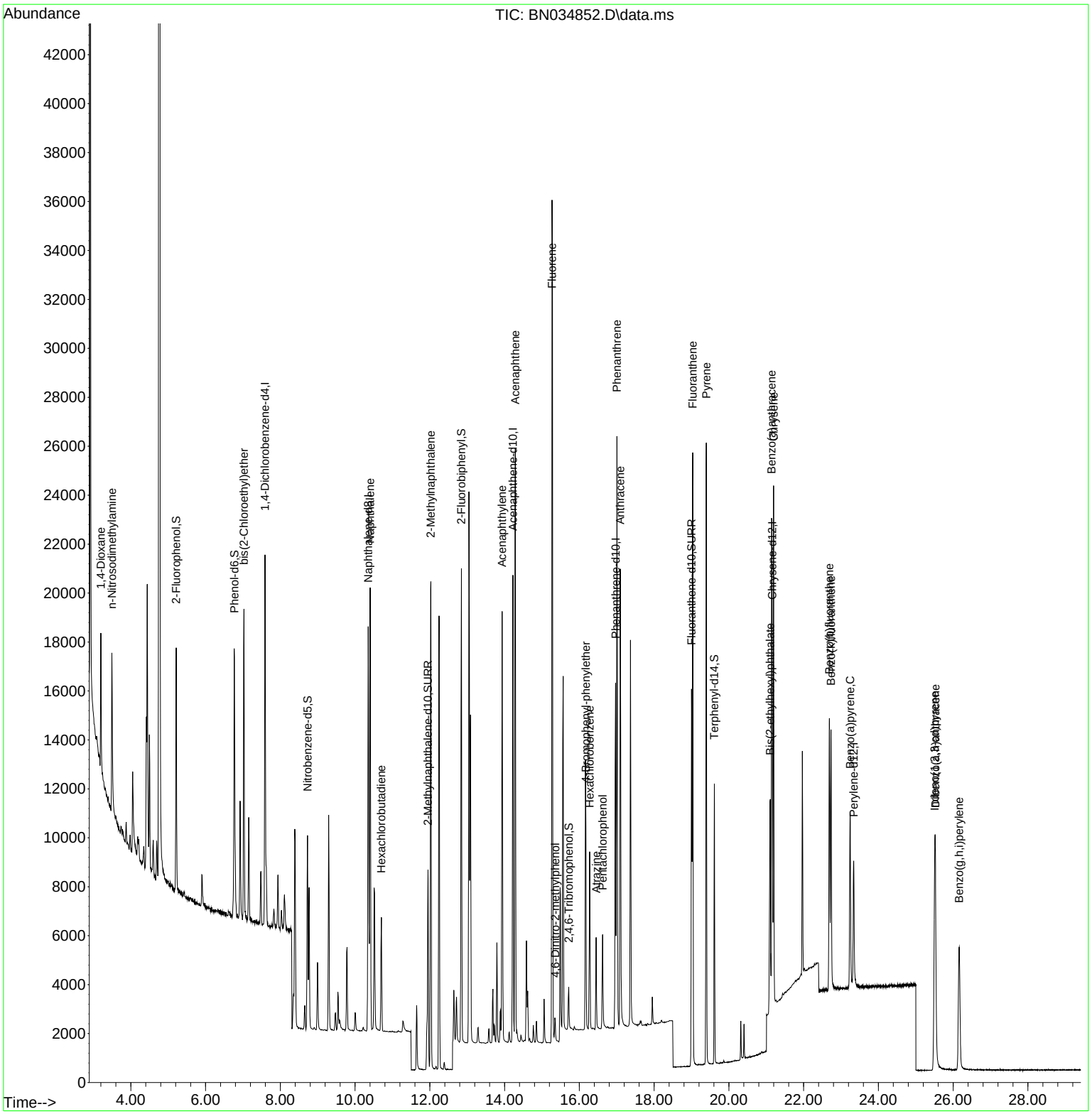
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	6963	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	20876	0.400	ng	#	0.00
13) Acenaphthene-d10	14.222	164	10113	0.400	ng		0.00
19) Phenanthrene-d10	16.970	188	18739	0.400	ng		0.00
29) Chrysene-d12	21.160	240	9523	0.400	ng	#	0.00
35) Perylene-d12	23.338	264	6855	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	7258	0.344	ng		0.00
5) Phenol-d6	6.773	99	9854	0.360	ng		0.00
8) Nitrobenzene-d5	8.728	82	6056	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	13435	0.445	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	941	0.188	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	16003	0.402	ng		0.00
27) Fluoranthene-d10	19.001	212	15050	0.342	ng		0.00
31) Terphenyl-d14	19.610	244	8958	0.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	2581	0.338	ng	#	48
3) n-Nitrosodimethylamine	3.494	42	4137	0.481	ng		85
6) bis(2-Chloroethyl)ether	7.026	93	8459	0.423	ng		94
9) Naphthalene	10.404	128	21993	0.381	ng		100
10) Hexachlorobutadiene	10.703	225	3490	0.367	ng	#	99
12) 2-Methylnaphthalene	12.026	142	13772	0.365	ng		99
16) Acenaphthylene	13.933	152	18700	0.369	ng		99
17) Acenaphthene	14.286	154	12523	0.370	ng		96
18) Fluorene	15.270	166	15243	0.362	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	589	0.344	ng	#	89
21) 4-Bromophenyl-phenylether	16.175	248	3931	0.363	ng	#	91
22) Hexachlorobenzene	16.275	284	4826	0.398	ng		94
23) Atrazine	16.448	200	2704	0.290	ng		96
24) Pentachlorophenol	16.622	266	1805	0.345	ng		99
25) Phenanthrene	17.007	178	22736	0.413	ng		100
26) Anthracene	17.094	178	20145	0.391	ng		99
28) Fluoranthene	19.034	202	21341	0.351	ng		99
30) Pyrene	19.396	202	21406	0.430	ng		100
32) Benzo(a)anthracene	21.142	228	14751	0.389	ng		99
33) Chrysene	21.196	228	15862	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.107	149	7773	0.245	ng		97
36) Indeno(1,2,3-cd)pyrene	25.504	276	11610	0.460	ng		94
37) Benzo(b)fluoranthene	22.689	252	12624	0.457	ng	#	94
38) Benzo(k)fluoranthene	22.733	252	12571	0.467	ng		96
39) Benzo(a)pyrene	23.244	252	10085	0.443	ng	#	92
40) Dibenzo(a,h)anthracene	25.525	278	8853	0.450	ng		99
41) Benzo(g,h,i)perylene	26.162	276	9487	0.446	ng		95

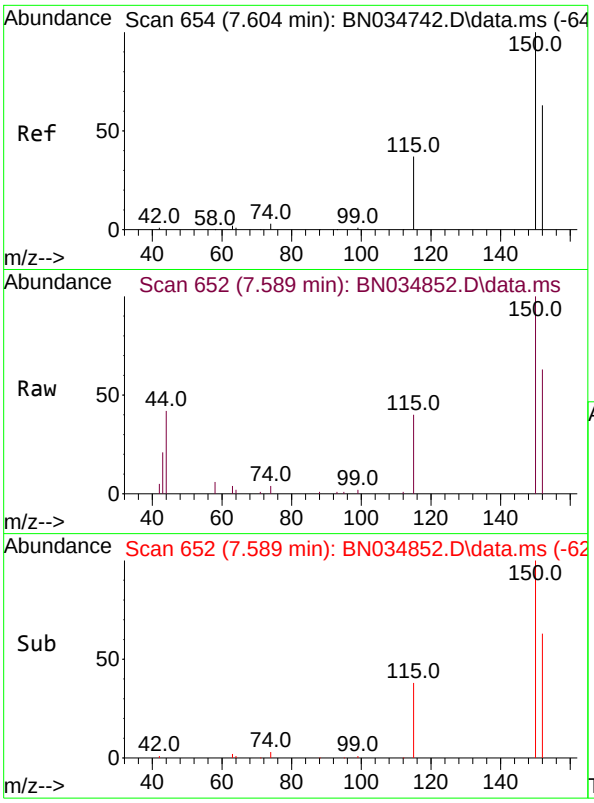
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
Data File : BN034852.D
Acq On : 04 Nov 2024 22:45
Operator : RC/JU
Sample : PB164511BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Quant Time: Nov 05 00:11:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration



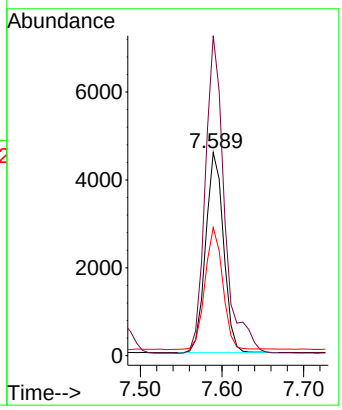


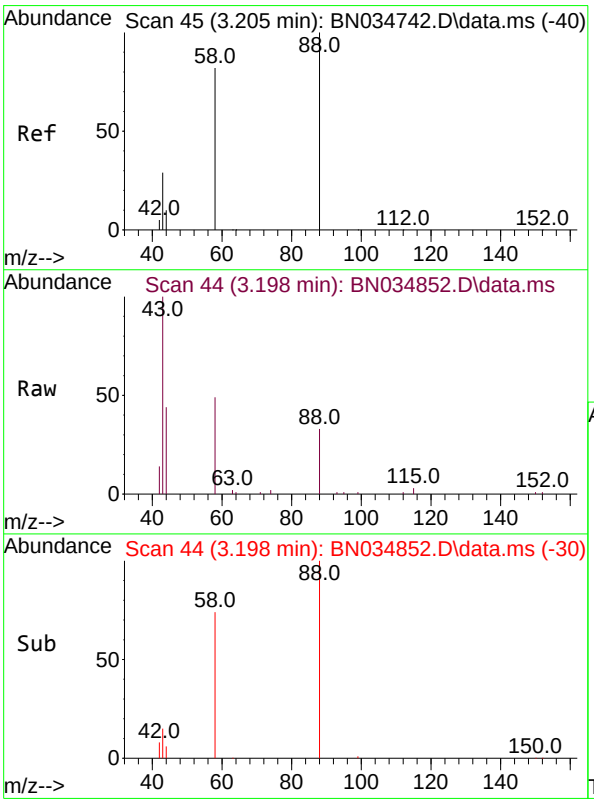
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:152 Resp: 6963

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	63.1	50.2	75.2

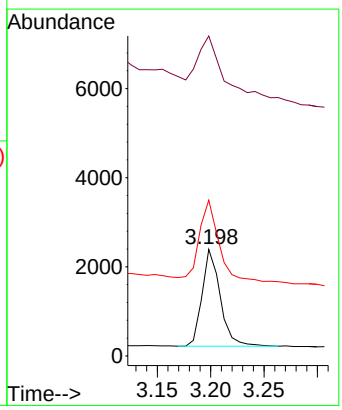


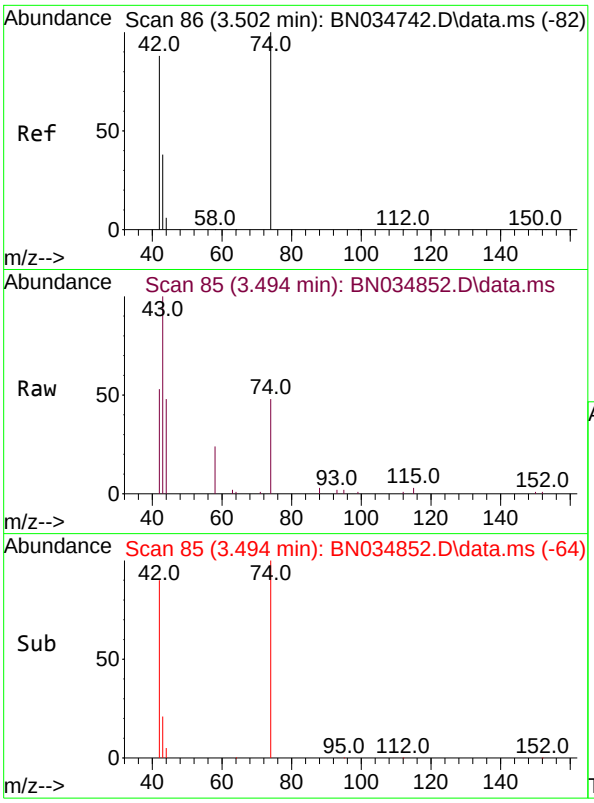


#2
1,4-Dioxane
Concen: 0.338 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion: 88 Resp: 2581

Ion	Ratio	Lower	Upper
88	100		
43	97.7	26.7	40.1#
58	95.4	59.3	88.9#



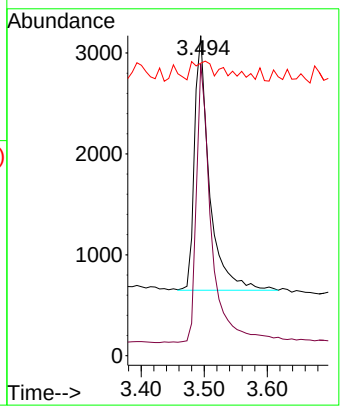


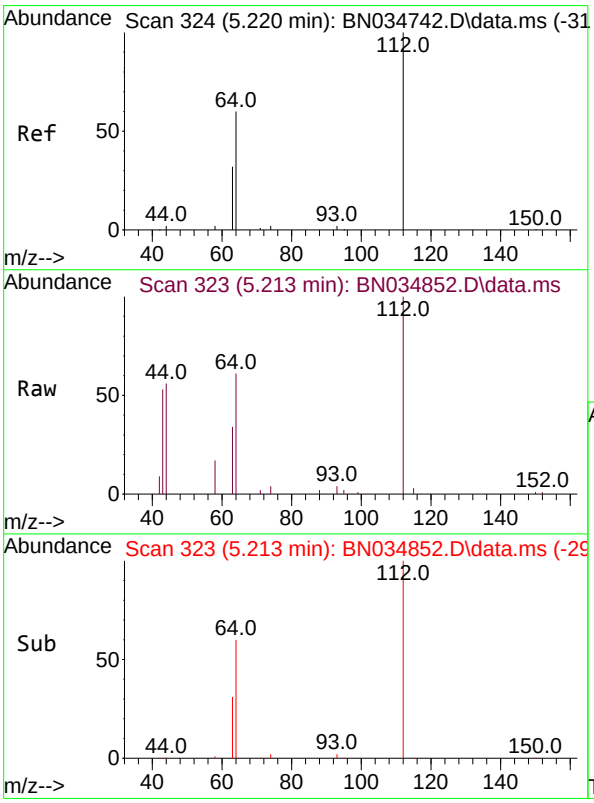
#3
n-Nitrosodimethylamine
Concen: 0.481 ng
RT: 3.494 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion: 42 Resp: 4137

Ion	Ratio	Lower	Upper
42	100		
74	110.0	103.1	154.7
44	9.0	6.7	10.1

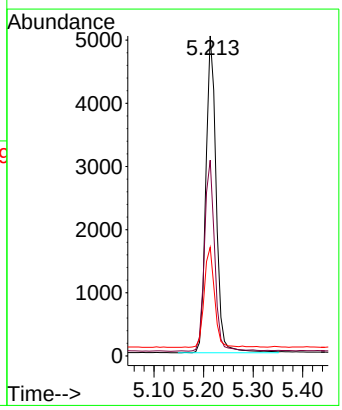


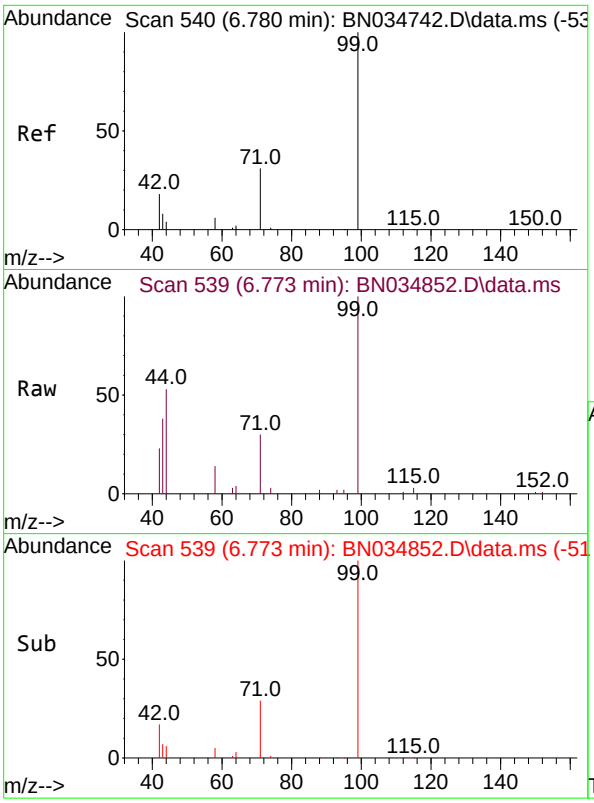


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.213 min Scan# 323
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:112 Resp: 7258

Ion	Ratio	Lower	Upper
112	100		
64	59.5	44.9	67.3
63	31.5	23.5	35.3



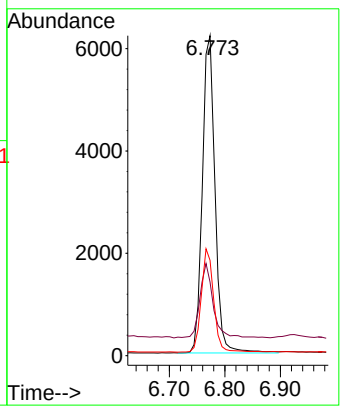


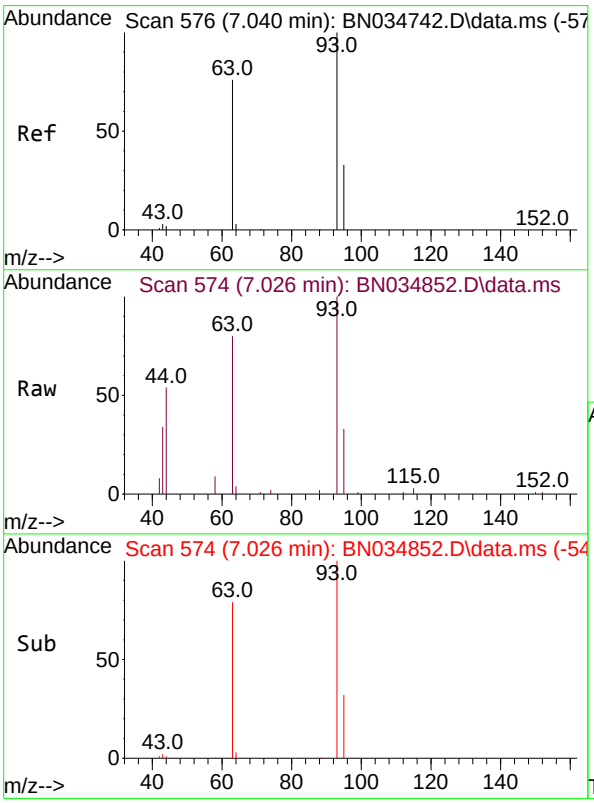
#5
Phenol-d6
Concen: 0.360 ng
RT: 6.773 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion: 99 Resp: 9854

Ion	Ratio	Lower	Upper
99	100		
42	24.6	15.9	23.9#
71	31.9	24.3	36.5

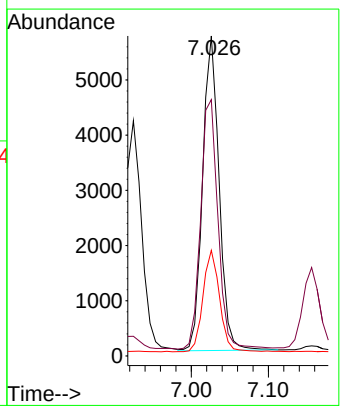


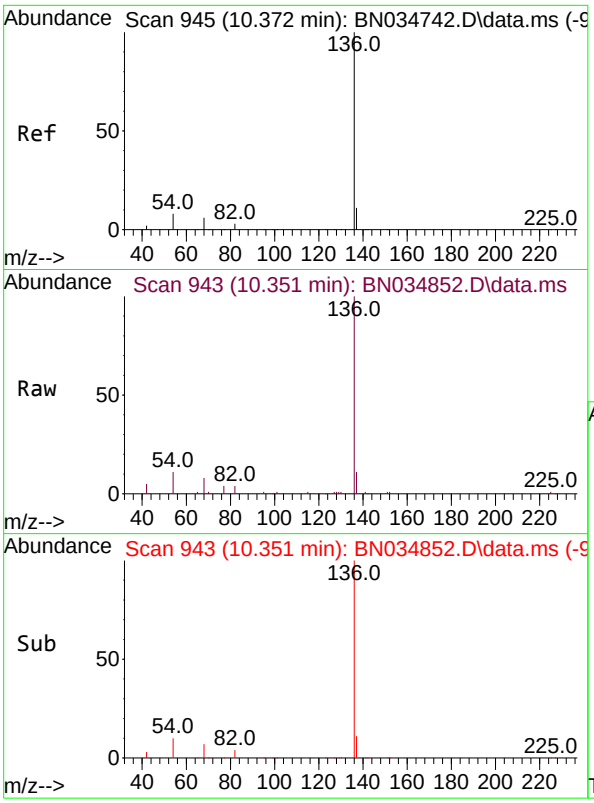


#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.026 min Scan# 574
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion: 93 Resp: 8459

Ion	Ratio	Lower	Upper
93	100		
63	83.4	61.2	91.8
95	32.6	25.8	38.8



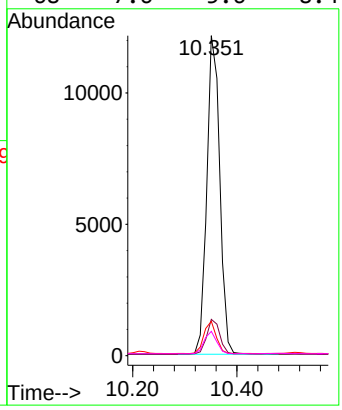


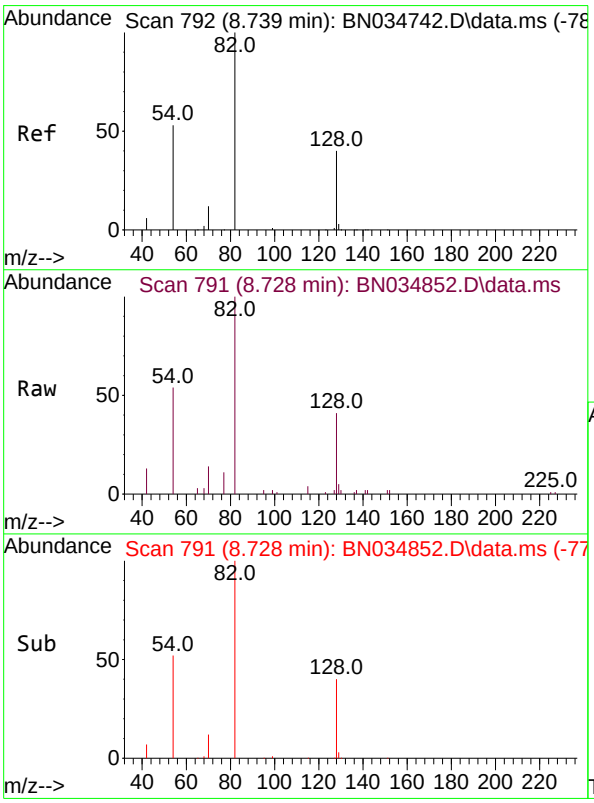
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:136 Resp: 20876

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	10.8	7.0	10.4#
68	7.6	5.6	8.4

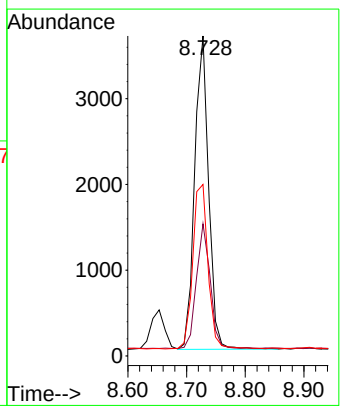


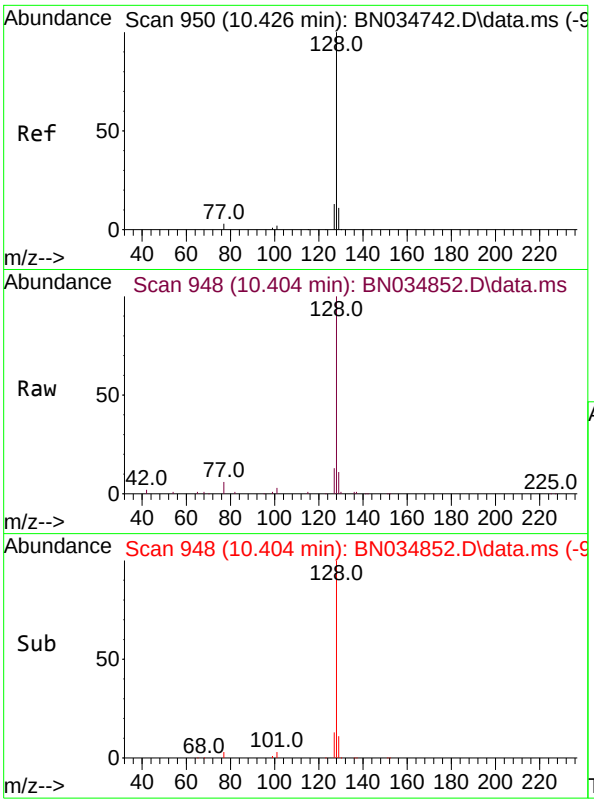


#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion: 82 Resp: 6056

Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.7	50.5
54	53.6	44.4	66.6



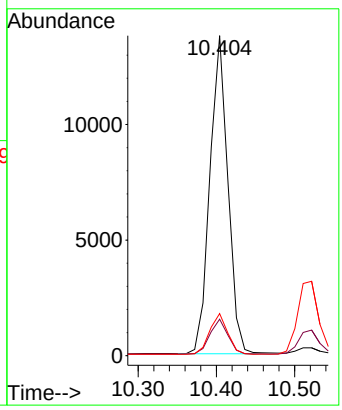


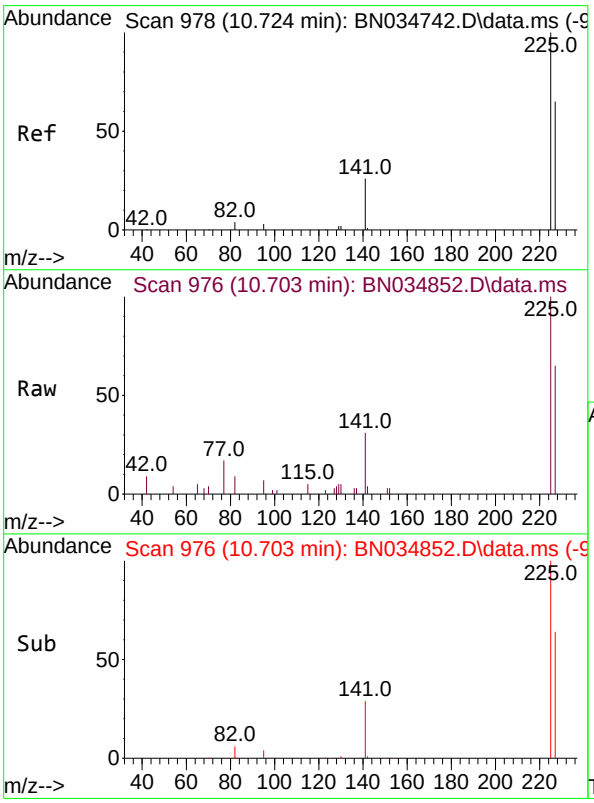
#9
Naphthalene
Concen: 0.381 ng
RT: 10.404 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:128 Resp: 21993

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.2	10.6	15.8

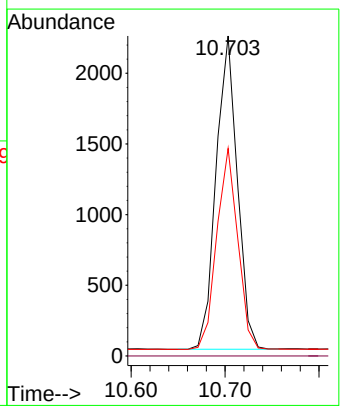


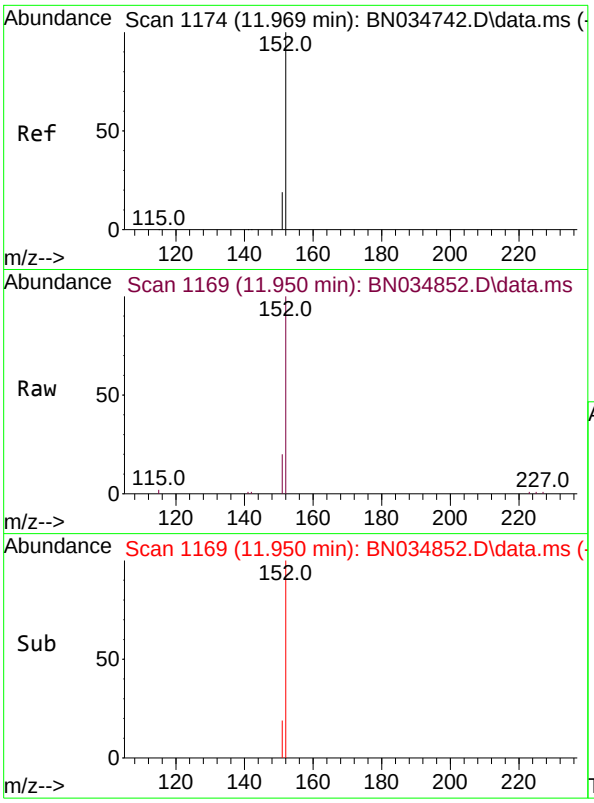


#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 10.703 min Scan# 976
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:225 Resp: 3490

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.4	77.2



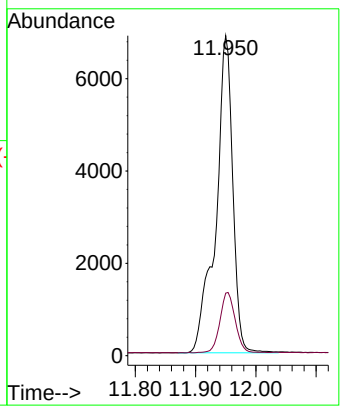


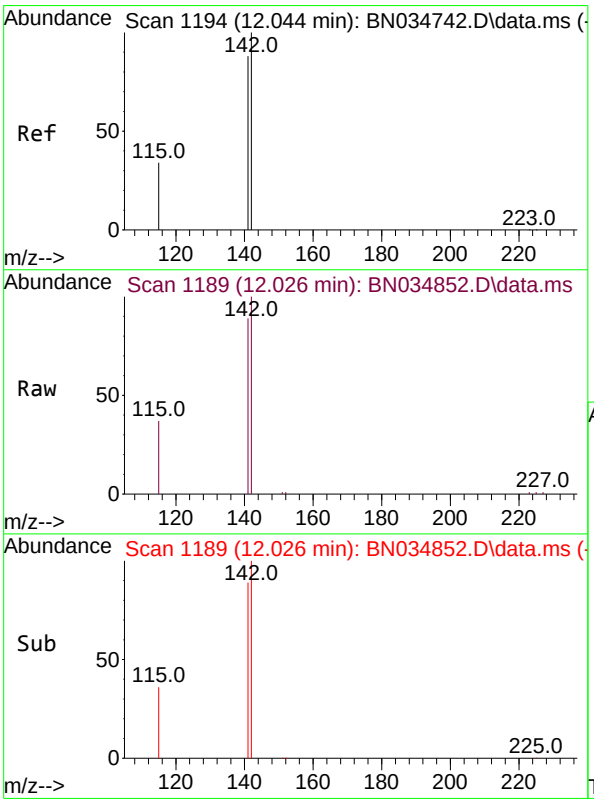
#11
2-Methylnaphthalene-d10
Concen: 0.445 ng
RT: 11.950 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:152 Resp: 13435

Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.6	24.8

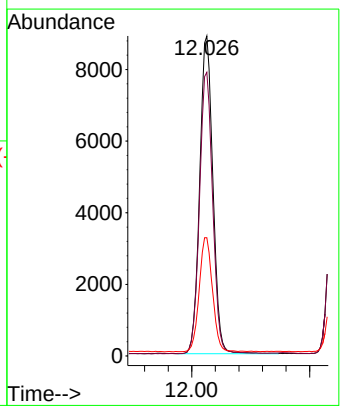


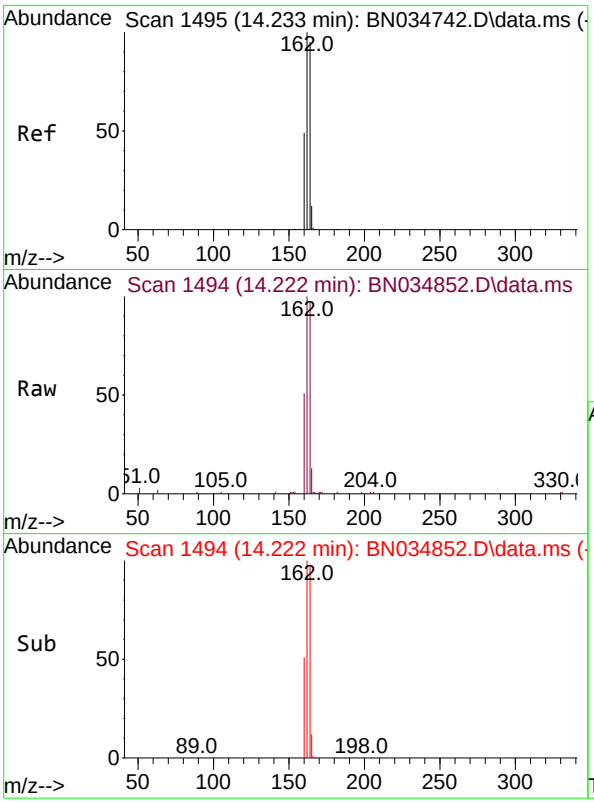


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.026 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:142 Resp: 13772

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	106.0
115	37.0	28.6	42.8



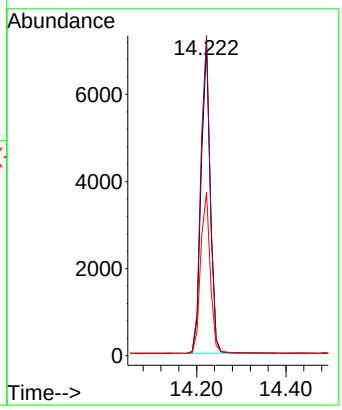


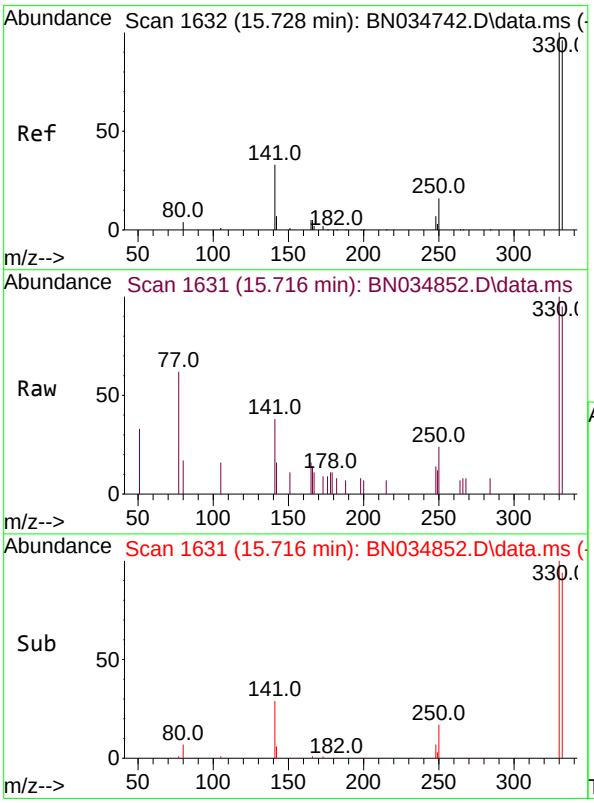
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:164 Resp: 10113

Ion	Ratio	Lower	Upper
164	100		
162	102.9	84.3	126.5
160	52.5	41.7	62.5

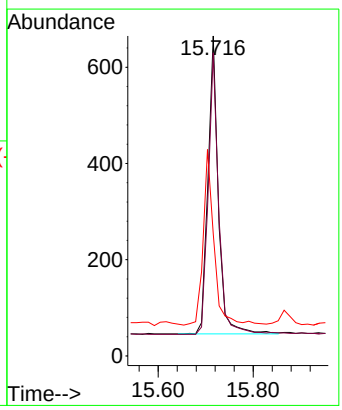


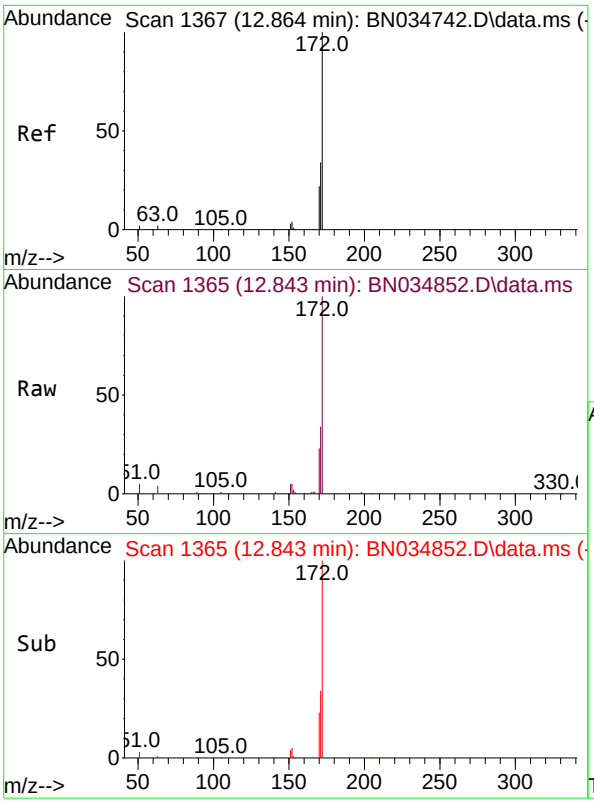


#14
2,4,6-Tribromophenol
Concen: 0.188 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:330 Resp: 941

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.8	116.6
141	61.5	41.0	61.4#



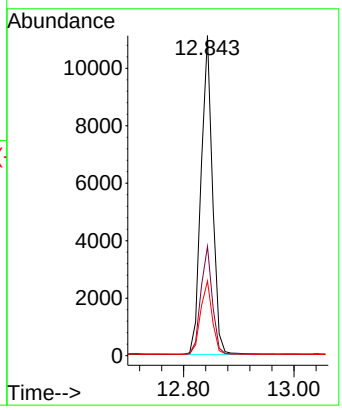


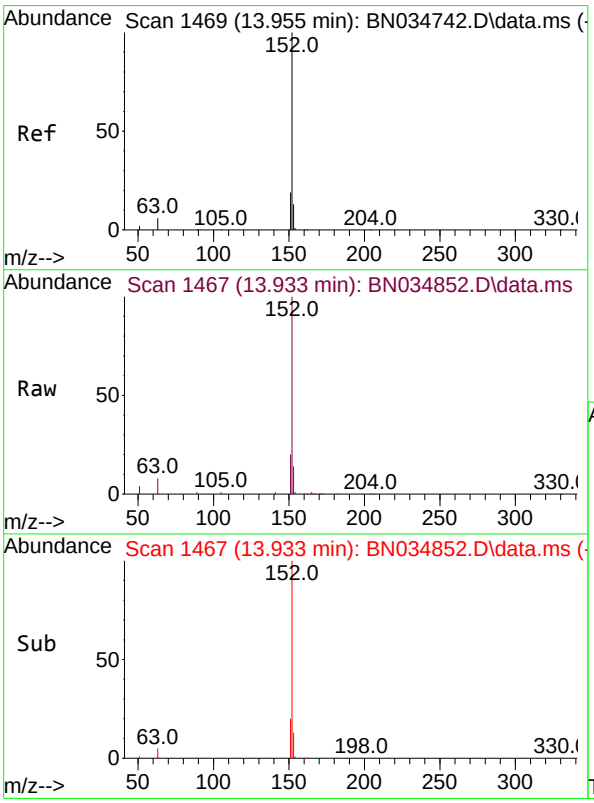
#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.843 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:172 Resp: 16003

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.2	40.8
170	23.3	18.0	27.0

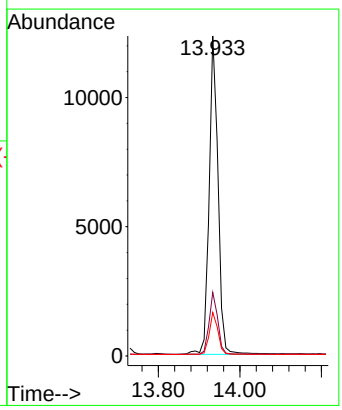


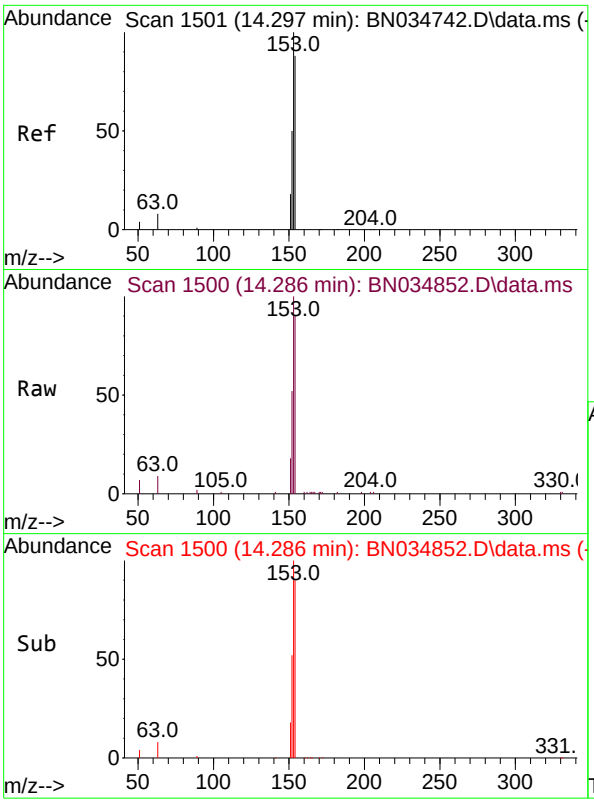


#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.933 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:152 Resp: 18700

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2
153	13.0	10.2	15.4



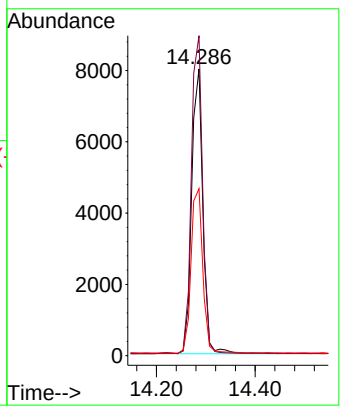


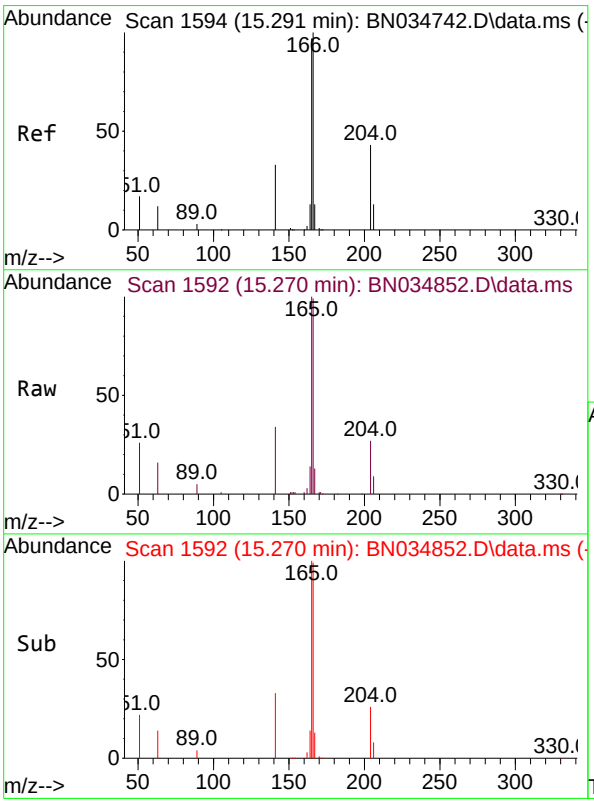
#17
Acenaphthene
Concen: 0.370 ng
RT: 14.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:154 Resp: 12523

Ion	Ratio	Lower	Upper
154	100		
153	112.7	87.8	131.6
152	60.7	44.6	67.0

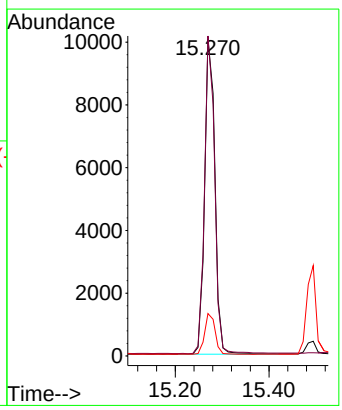


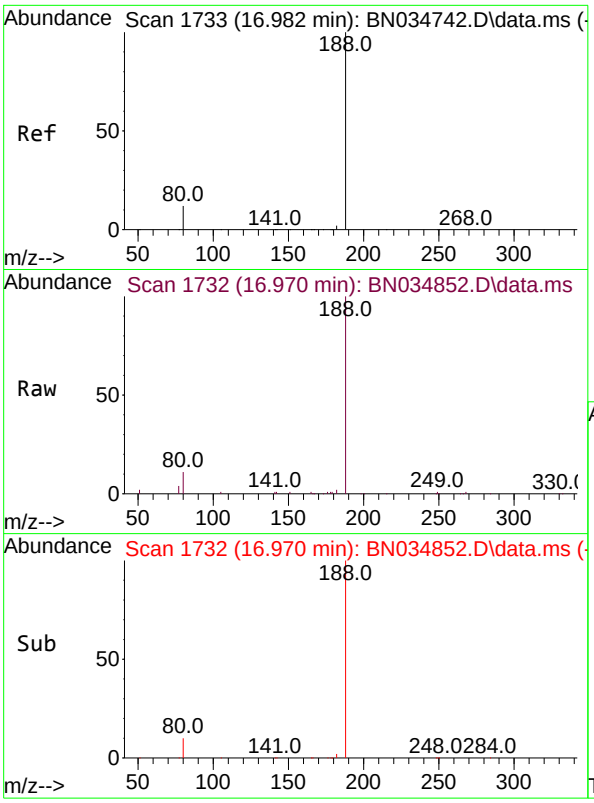


#18
Fluorene
Concen: 0.362 ng
RT: 15.270 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:166 Resp: 15243

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.5	117.7
167	13.2	10.8	16.2



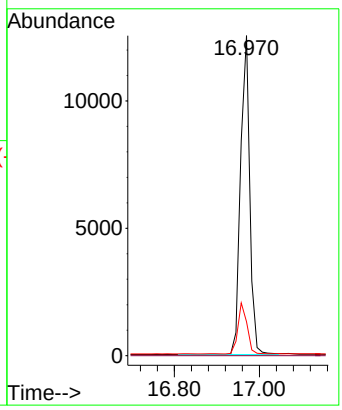


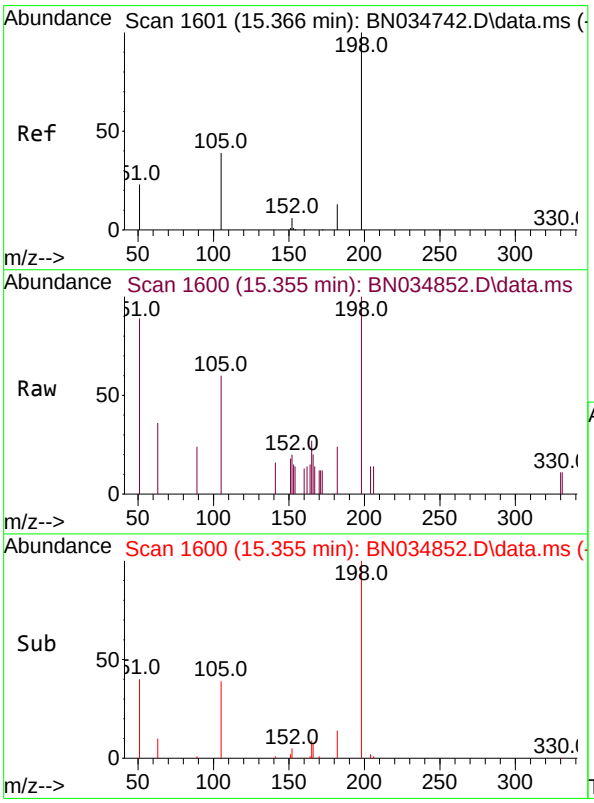
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:188 Resp: 18739

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	9.8	14.6

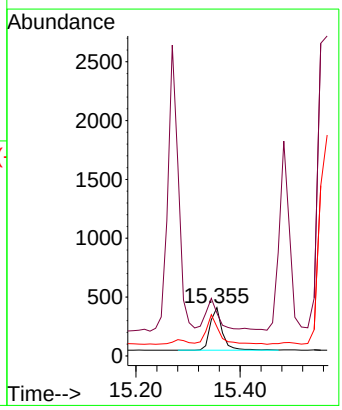


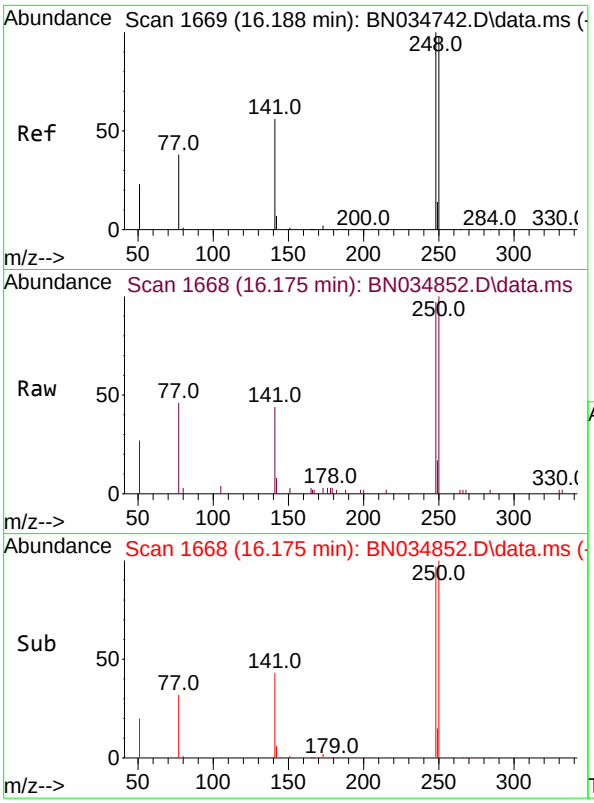


#20
4,6-Dinitro-2-methylphenol
Concen: 0.344 ng
RT: 15.355 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:198 Resp: 589

Ion	Ratio	Lower	Upper
198	100		
51	88.8	58.0	87.0#
105	60.2	49.1	73.7



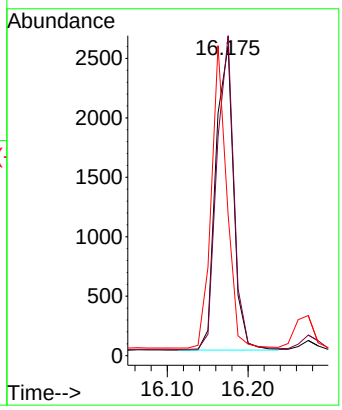


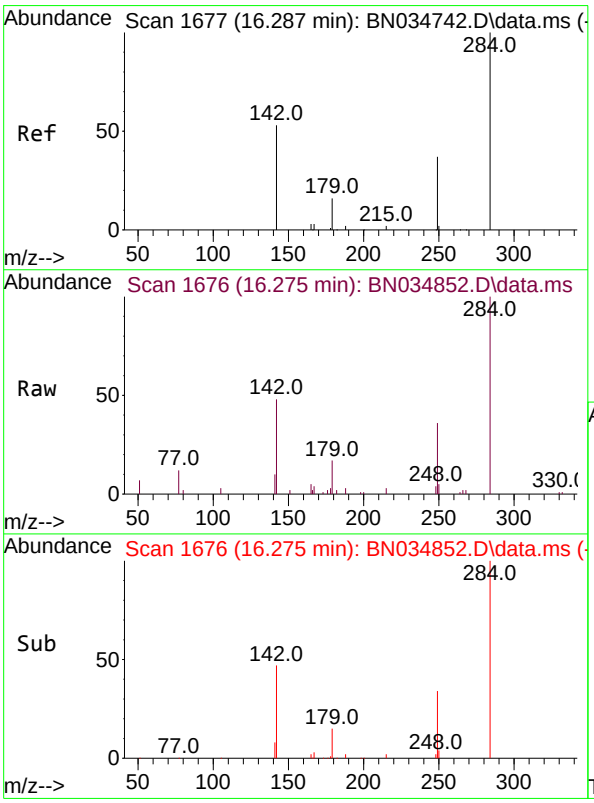
#21
4-Bromophenyl-phenylether
Concen: 0.363 ng
RT: 16.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:248 Resp: 3931

Ion	Ratio	Lower	Upper
248	100		
250	103.4	78.7	118.1
141	45.5	46.4	69.6#

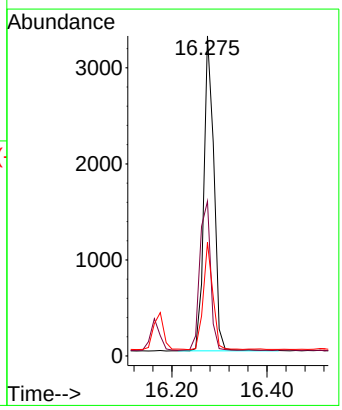


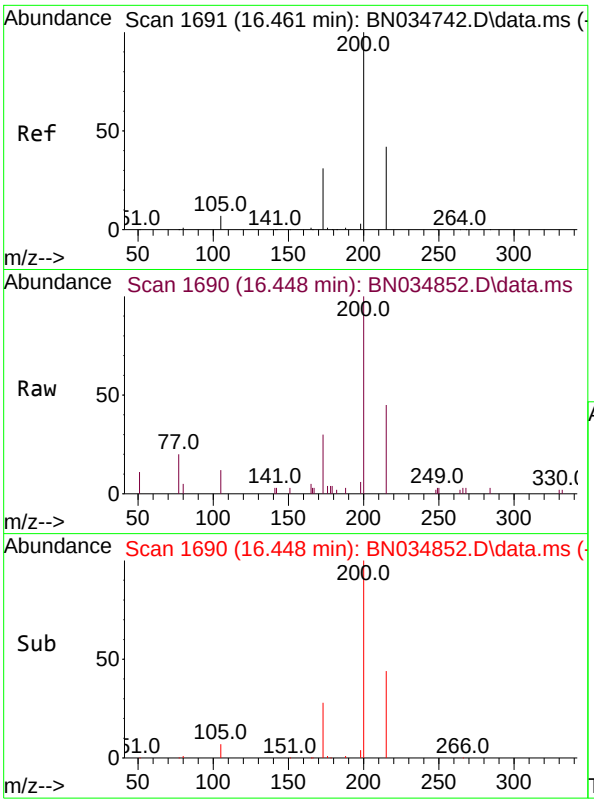


#22
Hexachlorobenzene
Concen: 0.398 ng
RT: 16.275 min Scan# 1676
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:284 Resp: 4826

Ion	Ratio	Lower	Upper
284	100		
142	51.1	35.4	53.0
249	32.5	25.7	38.5



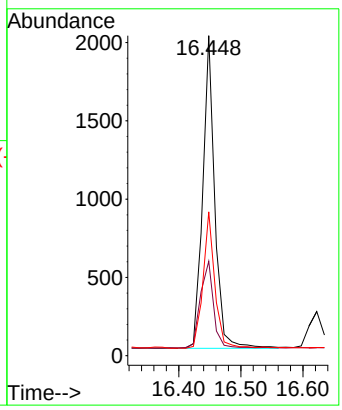


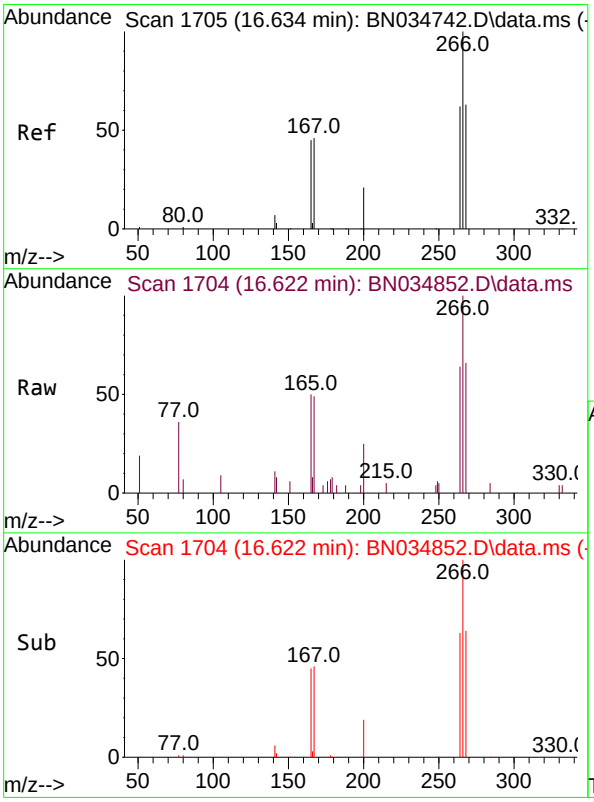
#23
Atrazine
Concen: 0.290 ng
RT: 16.448 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:200 Resp: 2704

Ion	Ratio	Lower	Upper
200	100		
173	29.5	25.8	38.6
215	45.0	34.2	51.4

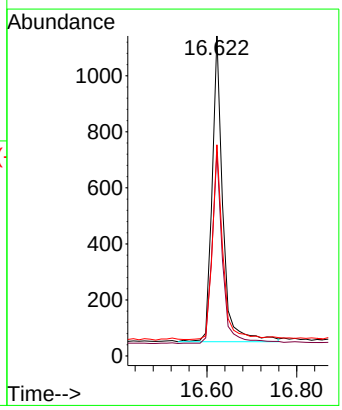


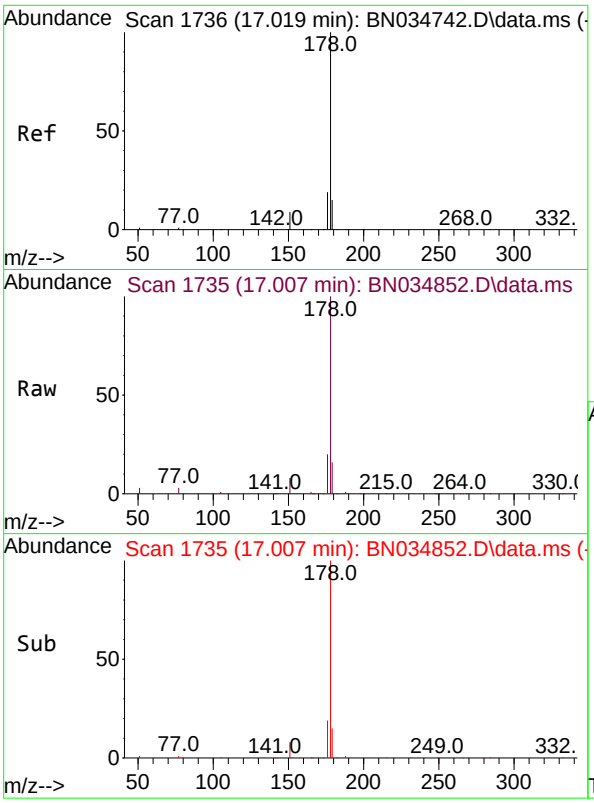


#24
Pentachlorophenol
Concen: 0.345 ng
RT: 16.622 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:266 Resp: 1805

Ion	Ratio	Lower	Upper
266	100		
264	60.4	48.7	73.1
268	61.4	50.2	75.4



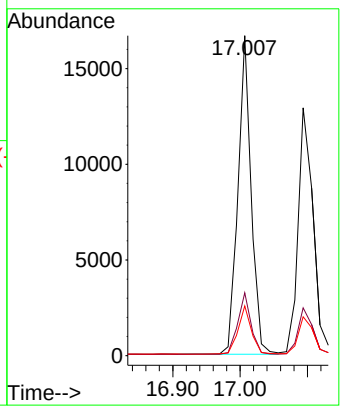


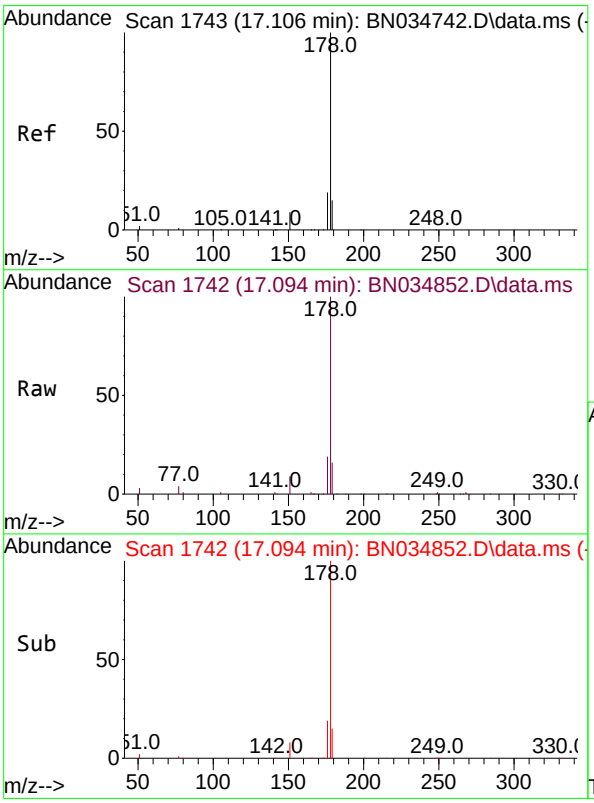
#25
Phenanthrene
Concen: 0.413 ng
RT: 17.007 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:178 Resp: 22736

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.4

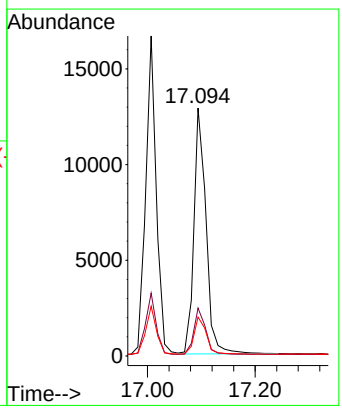


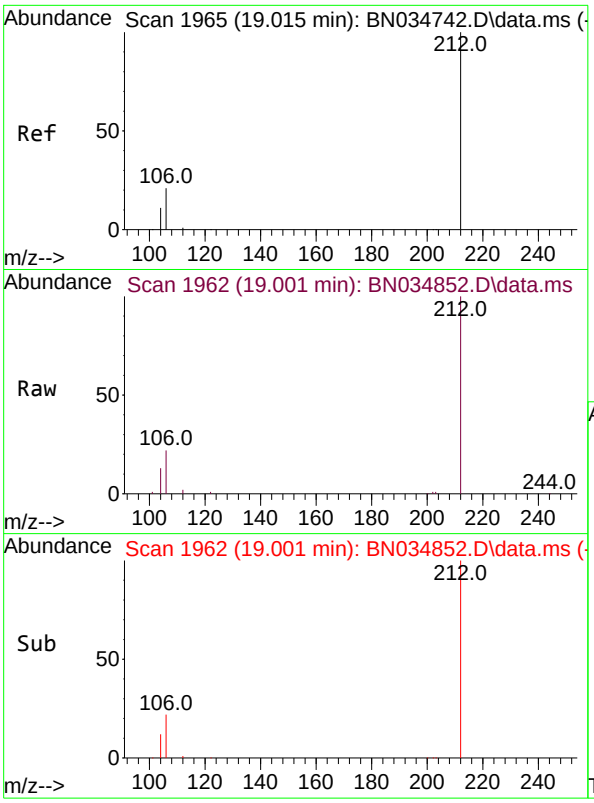


#26
Anthracene
Concen: 0.391 ng
RT: 17.094 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:178 Resp: 20145

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.5	12.2	18.2



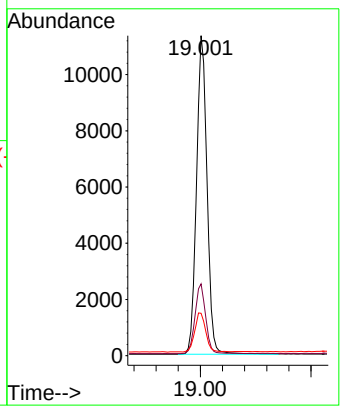


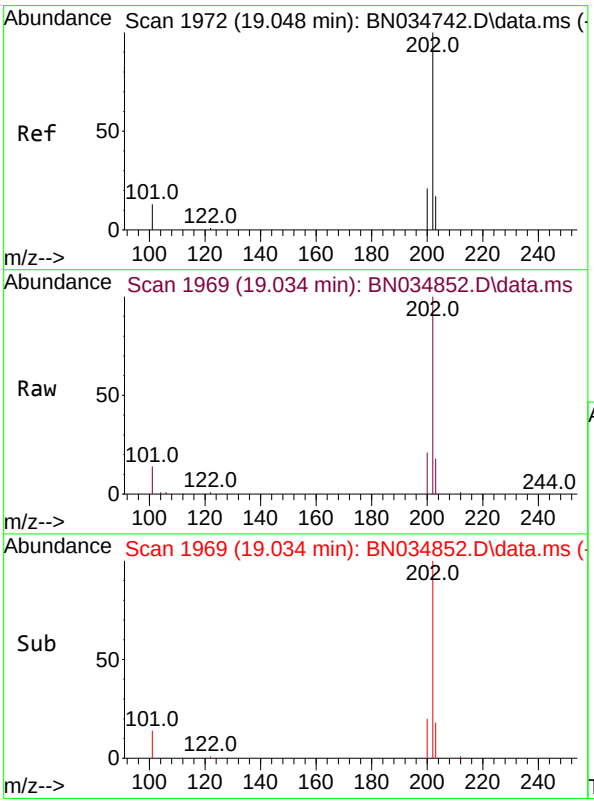
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:212 Resp: 15050

Ion	Ratio	Lower	Upper
212	100		
106	22.2	16.1	24.1
104	12.6	9.2	13.8

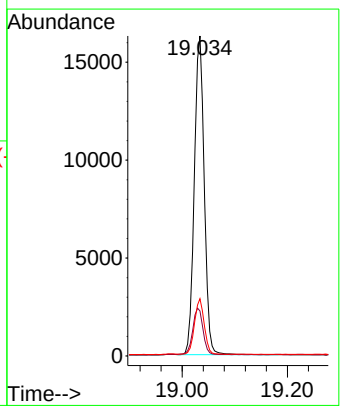


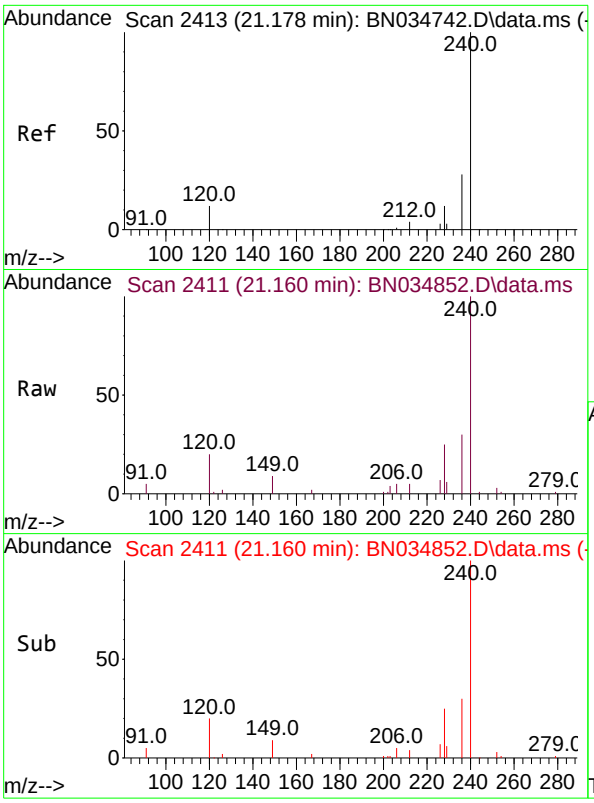


#28
Fluoranthene
Concen: 0.351 ng
RT: 19.034 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:202 Resp: 21341

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.4	17.0
203	17.0	13.7	20.5



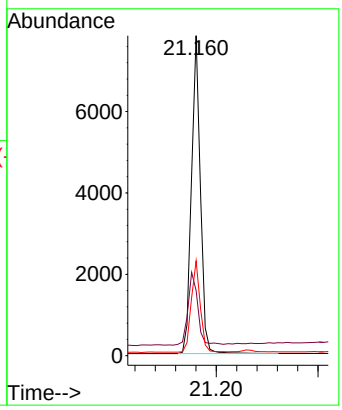


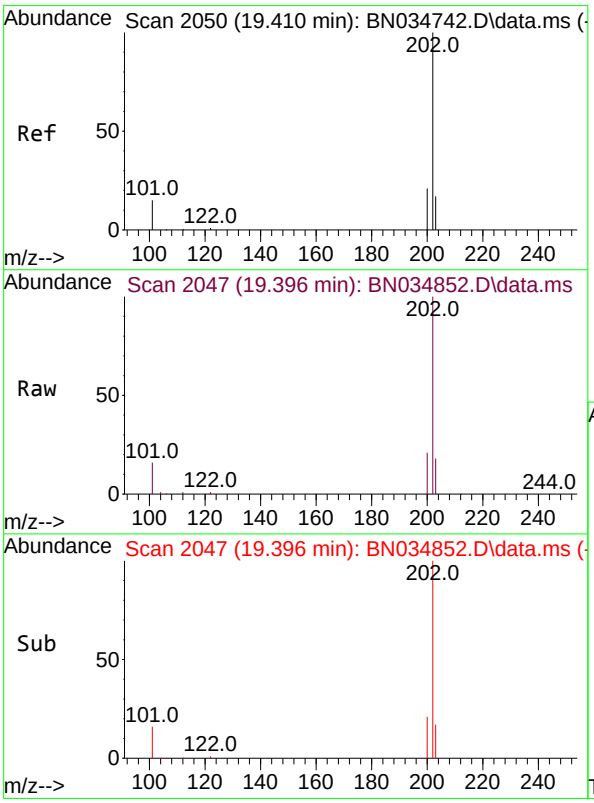
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:240 Resp: 9523

Ion	Ratio	Lower	Upper
240	100		
120	20.3	11.5	17.3#
236	29.7	23.2	34.8

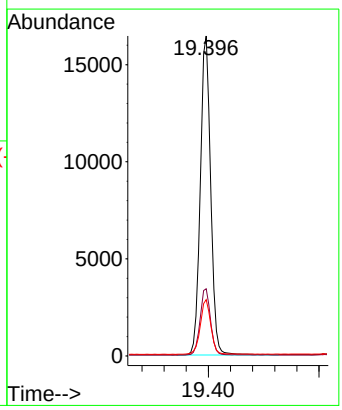


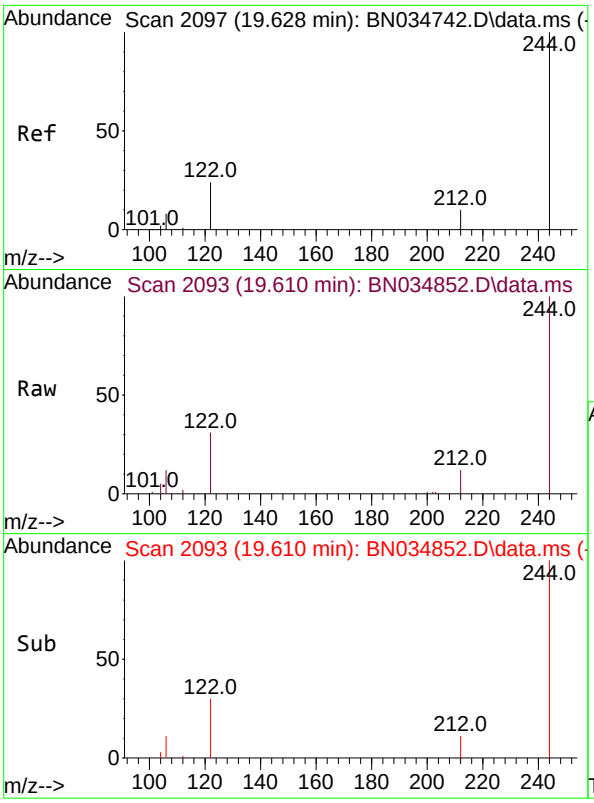


#30
Pyrene
Concen: 0.430 ng
RT: 19.396 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:202 Resp: 21406

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.6	14.2	21.2



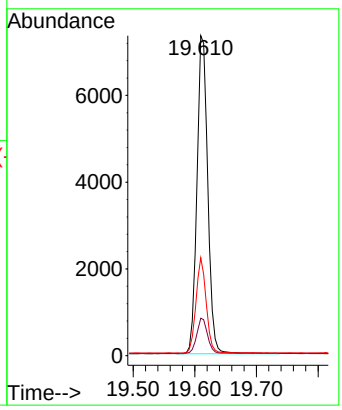


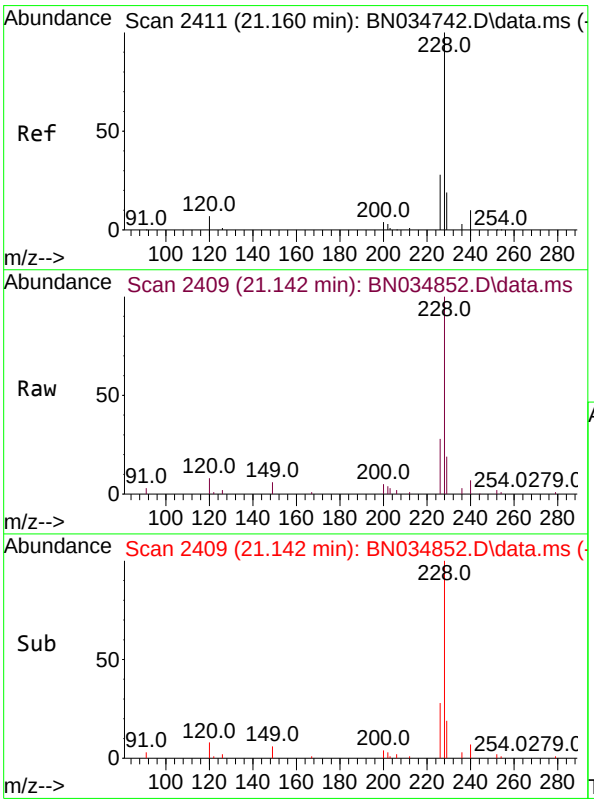
#31
Terphenyl-d14
Concen: 0.438 ng
RT: 19.610 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:244 Resp: 8958

Ion	Ratio	Lower	Upper
244	100		
212	11.7	8.2	12.4
122	30.6	19.8	29.6#

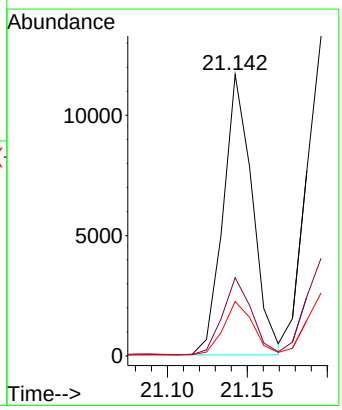


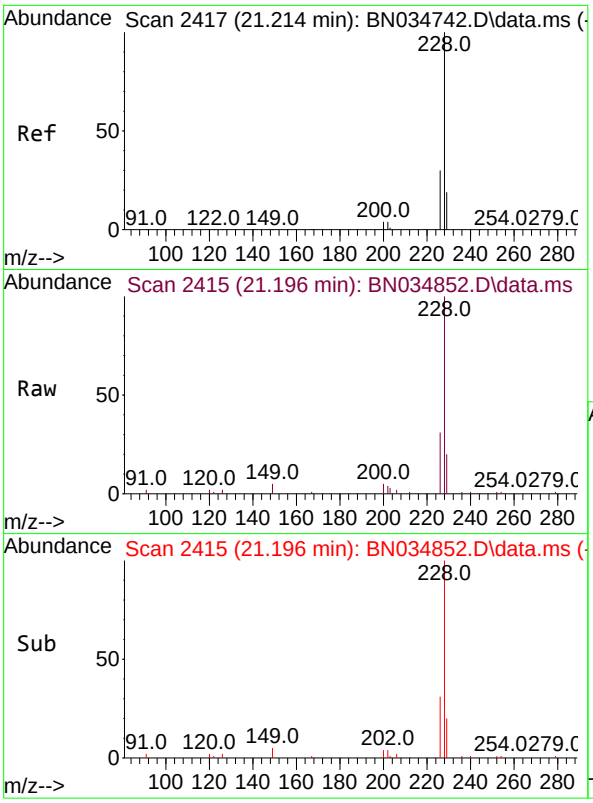


#32
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.142 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:228 Resp: 14751

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.3	15.7	23.5



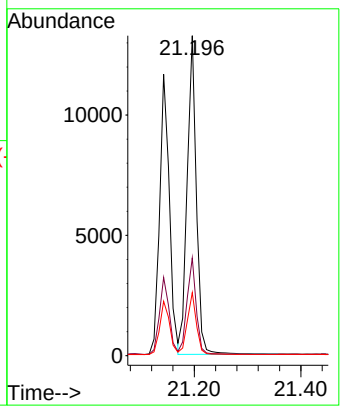


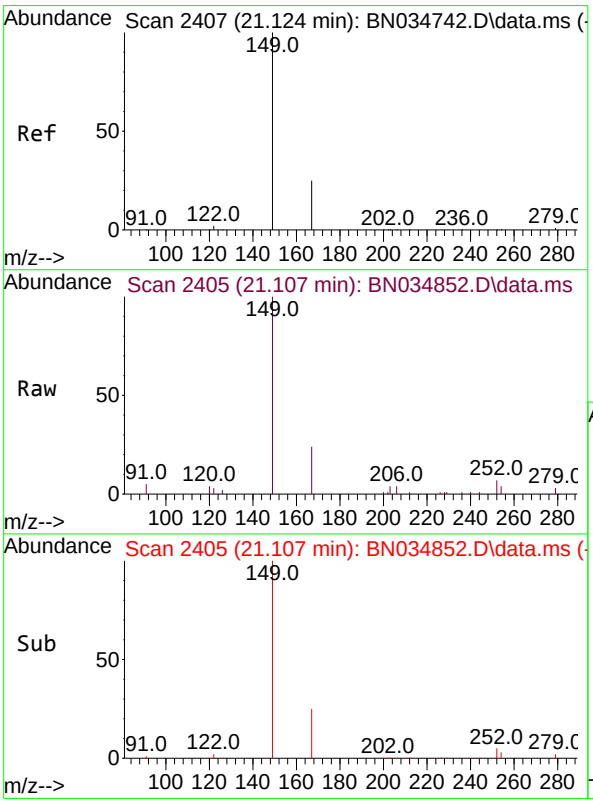
#33
Chrysene
Concen: 0.427 ng
RT: 21.196 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:228 Resp: 15862

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.7	15.6	23.4

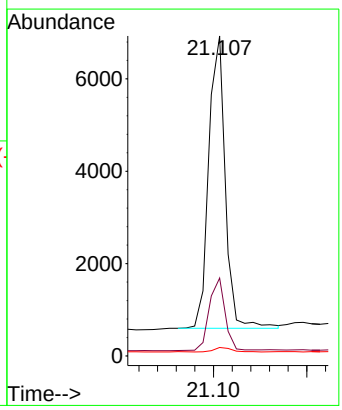


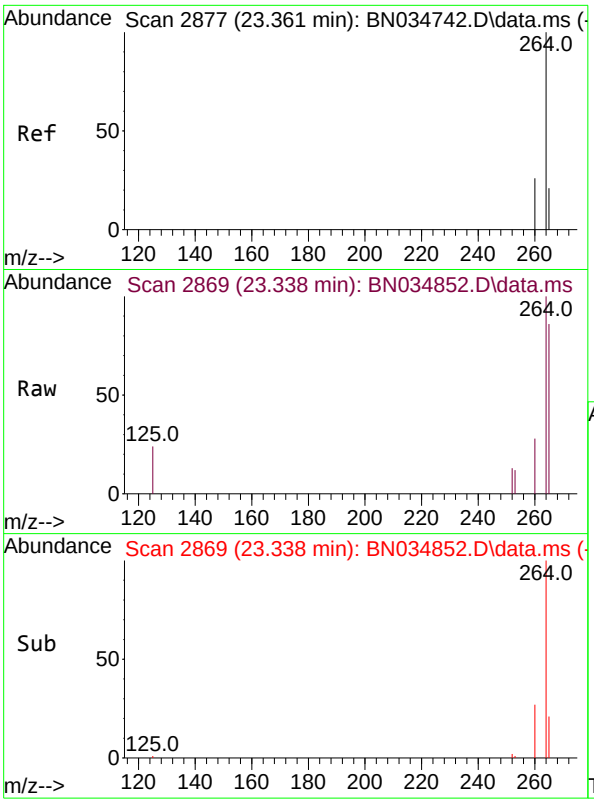


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.245 ng
RT: 21.107 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:149 Resp: 7773

Ion	Ratio	Lower	Upper
149	100		
167	23.9	20.6	30.8
279	1.6	1.5	2.3



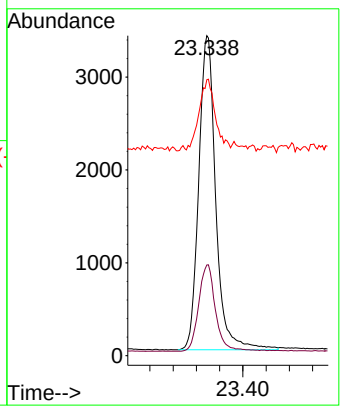


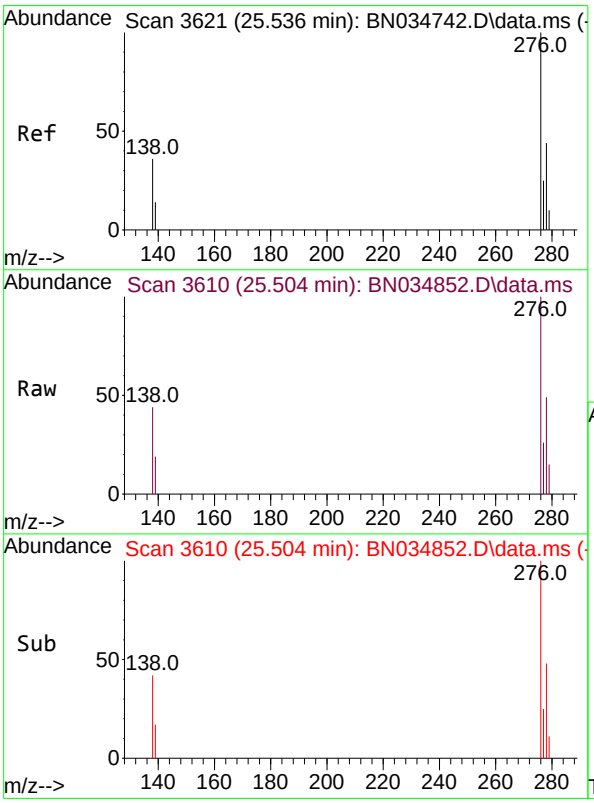
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.338 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:264 Resp: 6855

Ion	Ratio	Lower	Upper
264	100		
260	28.4	21.5	32.3
265	86.2	47.5	71.3#

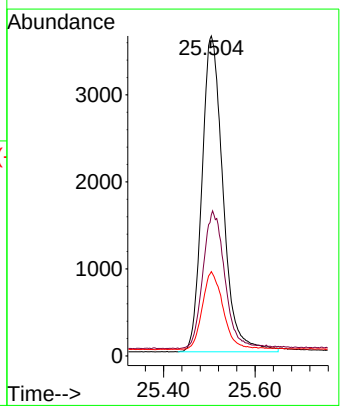


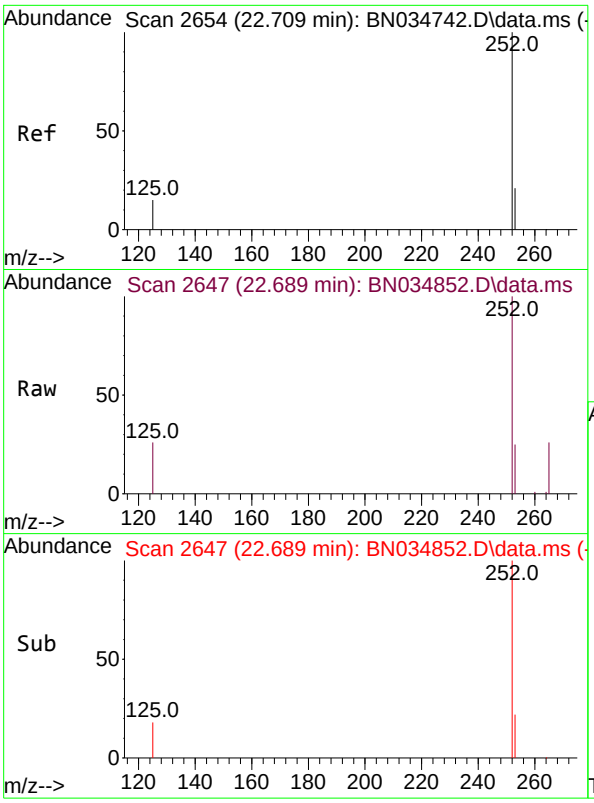


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 25.504 min Scan# 3610
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:276 Resp: 11610

Ion	Ratio	Lower	Upper
276	100		
138	45.2	31.5	47.3
277	24.2	19.7	29.5



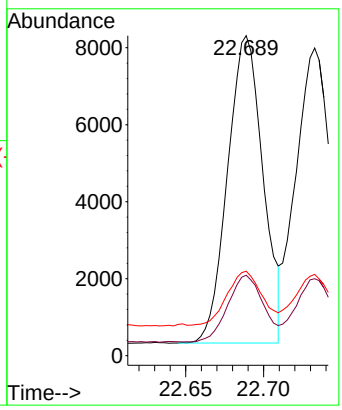


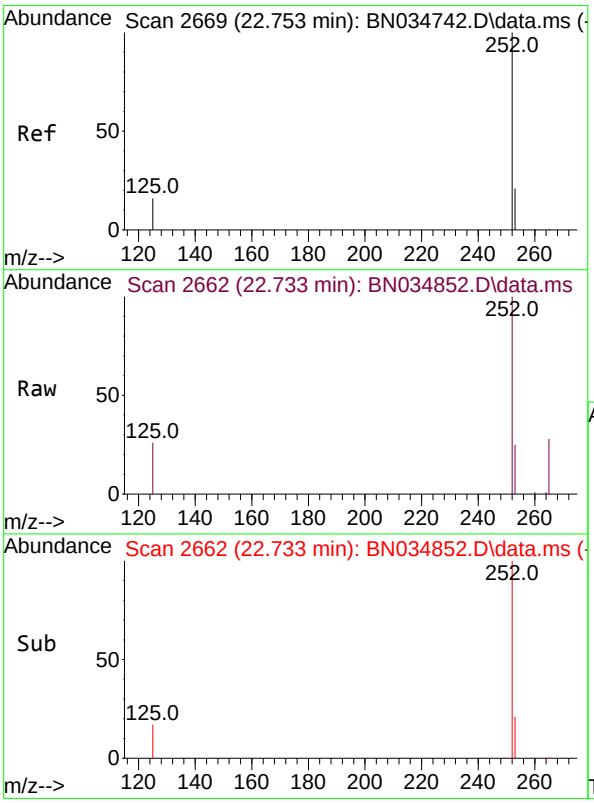
#37
Benzo(b)fluoranthene
Concen: 0.457 ng
RT: 22.689 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:252 Resp: 12624

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.7	29.5
125	26.4	17.1	25.7#

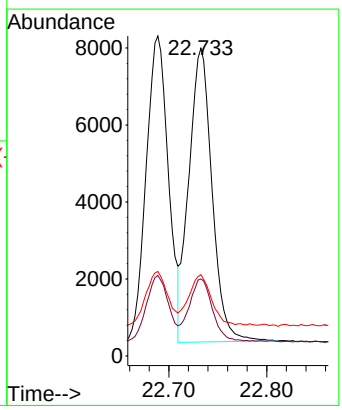


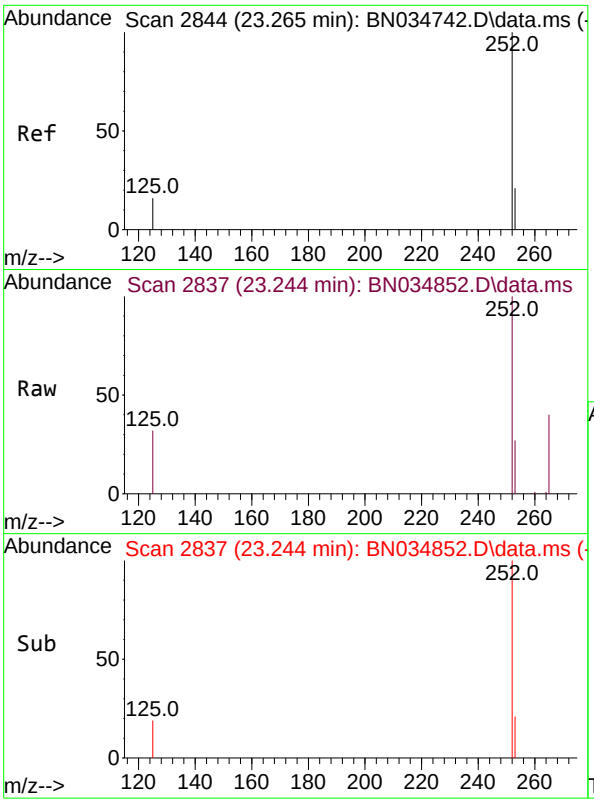


#38
Benzo(k)fluoranthene
Concen: 0.467 ng
RT: 22.733 min Scan# 2662
Delta R.T. 0.003 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:252 Resp: 12571

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.8	29.6
125	26.4	18.2	27.2



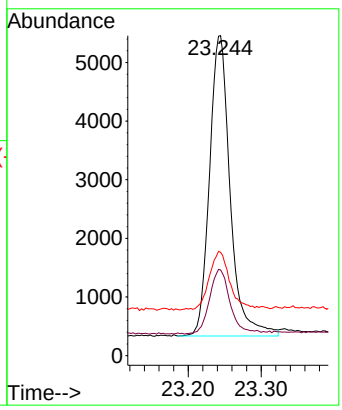


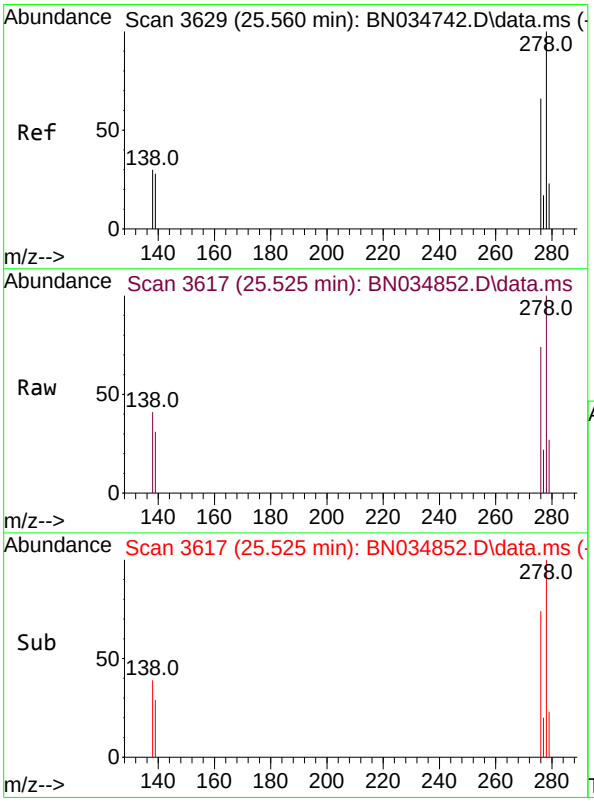
#39
Benzo(a)pyrene
Concen: 0.443 ng
RT: 23.244 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:252 Resp: 10085

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.7	31.1
125	32.3	20.3	30.5#

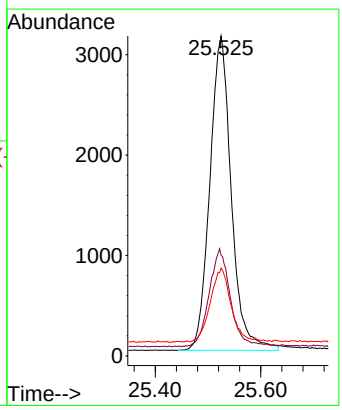


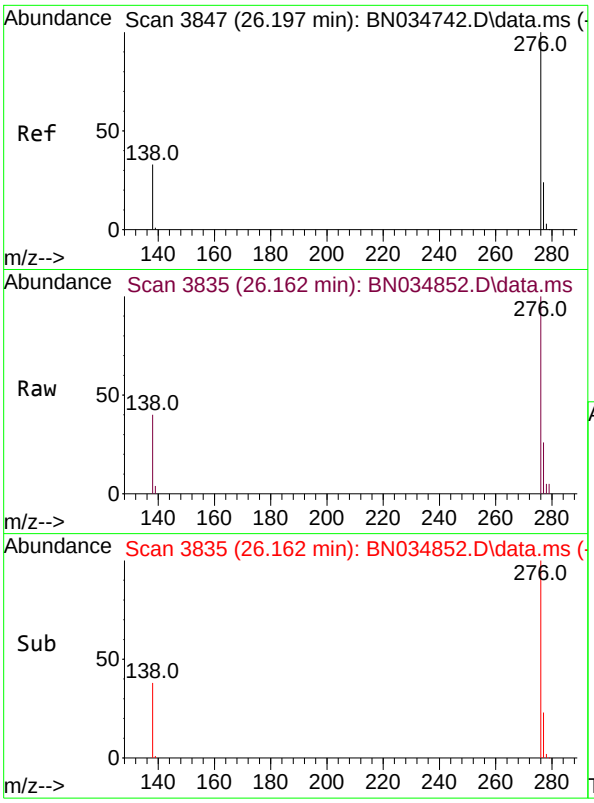


#40
Dibenzo(a,h)anthracene
Concen: 0.450 ng
RT: 25.525 min Scan# 3617
Delta R.T. -0.000 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Tgt Ion:278 Resp: 8853

Ion	Ratio	Lower	Upper
278	100		
139	31.5	24.9	37.3
279	27.4	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.446 ng
RT: 26.162 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN034852.D
Acq: 04 Nov 2024 22:45

Instrument :
BNA_N
ClientSampleId :
PB164511BS

Tgt Ion:276 Resp: 9487

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.2	30.2
138	40.4	28.7	43.1